BESSIE OWENS E.S. (9) TEMPORARY MOD. BLDGS. & (1) PERMANENT MOD. BLDG.

CONSTRUCTION DOCUMENTS

DSA FILE NO.:15-6 **DSA APP NO.: 03-120134** **AGENCY TRACKING NO.: 63321-355**

DISTRICT PROJECT NO: 19122.00-38

ABBREVIATIONS

A	- ACCESSIBLE	JT	- JOINT
AC	- ASPHALT CONCRETE	LAM	- LAMINATE (D)
A/C	- AIR CONDITIONING	MATL	- MATERIAL
ACOUS	- ACOUSTICAL	MAX	- MAXIMUM
ADD	- ADDENDUM	MECH	- MECHANICAL
ADJ	- ADJUSTABLE or ADJACENT	MIN	- MINIMUM
		MIR	- MIRROR
ALUM	- ALUMINUM	MISC	- MISCELLANEOUS
ARCH	- ARCHITECT (URAL)	MTL	- METAL
BD	- BOARD	(N)	- NEW
BLDG	- BUILDING	NIC	- NOT IN CONTRACT
BLKG	- BLOCKING	NO	- NUMBER
BM	- BEAM	NTS	- NOT TO SCALE
BOT	- BOTTOM	O/	- OVER
BUR	- BUILT UP ROOFING	OC	- ON CENTER
C	- CARPET	OD	- OUTSIDE DIAMETER
CB	- CATCH BASIN	OPP	- OPPOSITE
CJ	- CONTROL JOINT	PL	- PROPERTY LINE
CLG	- CEILING	PLAM	- PLASTIC LAMINATE
CT	- CERAMIC MOSAIC (TILE)	PLAS	- PLASTER
CMU	- CONCRETE MASONRY UNIT	PLT	- PLATE
		PLWD	- PLYWOOD
CO	- CLEAN OUT	PNL	- PANEL
COL	- COLUMN	POC	- POINT OF CONNECTION
CONC	- CONCRETE	PTDF	- PRESERVATIVE TREATED DOUGLAS FIR
CSK	- COUNTERSINK		
CW	- COLD WATER	PTN	- PARTITION
DET	- DETAIL	PVC	- POLYVINYL CHLORIDE
DF	- DRINKING FOUNTAIN	R	- RISER
DIA	- DIAMETER	RD	- ROOF DRAIN
DIAG	- DIAGONAL	REF	- REFERENCE
DIM	- DIMENSION	REFR	- REFRIGERATOR
DIV	- DIVISION	REQ'D	- REQUIRED
DS	- DOWNSPOUT	RDWD	- REDWOOD
DWG	- DRAWING	RWL	- RAIN WATER LEADER
E	- ENAMEL	SCH	- SCHEDULE
(E)	- EXISTING	SD	- STORM DRAIN
EA	- EACH	SEC	- SECTION
EJ	- EXPANSION JOINT	SF	- SQUARE FEET
ELEV	- ELEVATION	SHT	- SHEET
ELECT	- ELECTRICAL	SHTG	- SHEATHING
EQ	- EQUAL	SIM	- SIMILAR
EXT	- EXTERIOR	SPEC	- SPECIFICATIONS
(F)	- FUTURE	SQ	- SQUARE
FAB	- FABRICATION	SS	- STAINLESS STEEL
FAC	- FACTORY	STN	- STAIN
FD	- FLOOR DRAIN	STD	- STANDARD
FF	- FINISHED FLOOR	STL	- STEEL
FIN	- FINISH	TEMP	- TEMPERED
FND	- FOUNDATION	T&G	- TONGUE-AND-GROOVE
FOC	- FACE OF CONCRETE	THRU	- THROUGH
FOF	- FACE OF FINISH	TJ	- TOOL JOINT
FOP	- FACE OF PLYWOOD	TOC	- TOP OF CURB,
FOS	- FACE OF STUD	CRICKET,	
FRP	- FIBERGLASS REINFORCED PLASTIC PANELS		or CONCRETE
		TOP	- TOP OF PARAPET
FTG	- FOOTING	TOS	- TOP OF SLAB, SHEATHING, or STEEL
GA	- GAUGE	TS	- TOP OF SHEATHING
GB	- GYPSUM BOARD	TV	- TELEVISION
GL	- GLASS or GLAZING	TYP	- TYPICAL
GLV	- GALVANIZED	UON	- UNLESS OTHERWISE NOTED
GSM	- GALVANIZED SHEET METAL	VCT	- VINYL COMPOSITION TILE
GYP	- GYPSUM	VCTB	- VINYL COVERED TACKBOARD
HB	- HOSE BIBB	VIF	- VERIFY IN FIELD
HDW	- HARDWOOD	VWC	- VINYL WALL COVERING
HM	- HOLLOW METAL	W/	- WITH
HOR	- HORIZONTAL	WD	- WOOD
HT	- HEIGHT	WF	- WIDE FLANGE
HW	- HOT WATER	WS	- WOOD SCREW
ID	- INSIDE DIAMETER	WSCT	- WAINSCOT
INV	- INVERT	@	- AT
		±	- PLUS/MINUS

SYMBOLS LEGEND

ROOM NAME — 101 — ROOM NUMBER
S.F. — ROOM AREA
DEMOLITION SCHEDULE TAG
ROOM NUMBER
101 ROOM NAME
1 A 1 — CEILING, WALL, FLOOR/BASE — SCHEDULE INDICATES DEMOLITION REQUIREMENTS. REFER TO DEMOLITION SCHEDULE AND BUILDING DEMOLITION PLANS
2 — A6.11 — EXTERIOR ELEVATION REFERENCE, SHEET NUMBER
2 — A7.11 — SECTION NUMBER, SHEET NUMBER
2 — A10.90 — DETAIL NUMBER, SHEET NUMBER
101-1 — 101-4 A9.1 101-2 — 101-3 — INTERIOR ELEVATION NUMBER CLOCKWISE SEQUENCE, SHEET NUMBER
101-5 — A9.1 — AUXILIARY INTERIOR ELEVATION NUMBER, SHEET NUMBER
101A — DOOR NUMBER
101A — WINDOW NUMBER
A — WALL TYPE
10 — ACCESSORY TAG
8'-0" — CEILING HEIGHT TAG
101 — KEYNOTE REFERENCE OR COLOR DESIGNATION
WD — HT — XX — D — CABINET WIDTH, CABINET HEIGHT, CABINET DESIGNATION, CABINET DEPTH

GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE CALIFORNIA CODE OF REGULATIONS (TITLE DOCUMENTS) AND ALL OTHER LOCAL CODES AND ORDINANCES OF THE GOVERNING AUTHORITY HAVING JURISDICTION AND AS IDENTIFIED UNDER APPLICABLE CODES ON THIS SHEET. IT IS THE INTENT OF THESE DOCUMENTS TO COMPLY HERETO.
2. ALL DRAWINGS SHALL BE USED IN CONCERT WITH EACH OTHER. IF THE CONTRACTOR DISCOVERS ANY DISCREPANCY BETWEEN THE DOCUMENTS, THE CONTRACTOR SHALL REQUEST IN WRITING A CLARIFICATION FROM THE ARCHITECT. REFER TO THE ARCHITECTURAL AND ENGINEERING DRAWINGS FOR PLACEMENT, ORIENTATION AND COORDINATION OF WORK. INFORMATION SHOWN IN LARGER SCALE IS INTENDED TO SUPPLEMENT INFORMATION OF SMALLER, PRECEDING REFERENCE DRAWINGS. LARGER SCALE DRAWINGS TAKE PRECEDENCE OVER SMALLER SCALE DRAWINGS.
3. NOTATIONS MARKED "TYPICAL" (TYP.) SHALL BE CONSISTENT THROUGHOUT ALL SUCH REFERENCE NOMENCLATURE, SYMBOLS AND DRAWING INDICATIONS OF LIKE OR SIMILAR KIND.
4. DO NOT SCALE DRAWINGS. THE CONTRACTOR SHALL FIELD VERIFY CONSTRUCTION CONDITIONS AND DIMENSIONS PRIOR TO ORDERING, FABRICATING OR INSTALLING ANY ASSOCIATED WORK. IF DISCREPANCIES ARE FOUND, THE CONTRACTOR SHALL REQUEST IN WRITING A CLARIFICATION FROM THE ARCHITECT PRIOR TO COMMENCEMENT OF ANY ASSOCIATED WORK.
5. CONTRACTOR SHALL VERIFY, AT THE SITE, ALL EXISTING CONDITIONS PRIOR TO SUBMITTAL OF BIDS. SITE VISITS DURING BIDDING SHALL BE COORDINATED WITH THE OWNER IN ACCORDANCE WITH THE PROVISIONS OF THE SPECIFICATIONS.
6. CONTRACTOR SHALL PROTECT ALL EXISTING WORK. ANY DAMAGED WORK SHALL BE REPLACED WITH THE SAME MATERIALS, INCLUDING MATCHING THE EXISTING COLORS AND TEXTURES.
7. EXISTING WORK IS SHOWN FOR REFERENCE ONLY. THE OWNER AND/OR ARCHITECT DO NOT GUARANTEE EXISTING CONDITIONS AS SHOWN ON THESE DOCUMENTS.
8. CONTRACTOR(S) SHALL BE RESPONSIBLE FOR THEIR OWN CLEANUP AS WORK PROGRESSES.
9. MATERIALS SUSPECTED OF CONTAINING HAZARDOUS MATERIALS THAT ARE DISCOVERED DURING THE PROGRESS OF THE WORK, SHALL BE REPORTED TO THE OWNER IN WRITING. WORK IN THAT PARTICULAR AREA SHALL BE SUSPENDED UNTIL THE OWNER TESTS THE SUSPECT MATERIAL AND IT IS FOUND TO BE SAFE, OR THE MATERIAL HAS BEEN PROPERLY ABATED.
10. ALL WORK IS NEW UNLESS OTHERWISE NOTED.
11. IN THE EVENT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE CONSTRUCTION DOCUMENTS, THEN THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS FOR SIMILAR CONDITIONS THAT ARE SHOWN.
12. STORAGE OF CONSTRUCTION MATERIAL AND EFFECT OF WORK ON EXISTING OCCUPIED AREAS SHALL BE APPROVED BY THE LOCAL FIRE AUTHORITY.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL WORK PROVIDED BY OTHERS UNDER SEPARATE CONTRACT.
14. KEYNOTES USED ON THE ARCHITECTURAL DRAWINGS ARE FOR ASSEMBLIES, MATERIAL REFERENCES AND NOTES. REFER TO THE KEYNOTE LIST ON THE RESPECTIVE DRAWING FOR THE INFORMATION WHICH RELATES TO EACH KEYNOTE.
15. DURING CONSTRUCTION, COMPLIANCE WITH CFC CHAPTER 33, FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION WILL BE ENFORCED.
16. DURING CONSTRUCTION, COMPLIANCE WITH CBC CHAPTER 33, SAFETY WILL BE ENFORCED.
17. NO CHANGES OR REVISIONS SHALL BE MADE FOLLOWING WRITTEN APPROVAL WHICH AFFECTS ACCESS COMPLIANCE ITEMS UNLESS SUCH CHANGES OR REVISIONS ARE SUBMITTED TO DSA FOR APPROVAL.
18. SUBSTITUTIONS AFFECTING DSA REGULATIONS SHALL BE SUBMITTED AS A CONSTRUCTION CHANGE DOCUMENT OR ADDENDA AND APPROVED BY DSA PRIOR TO FABRICATION AND INSTALLATION

19. "Deterioration or Existing Non-Compliant Construction: If any condition is discovered which, if left uncorrected, would make the building non-compliant with the requirements of the edition of the CBC in force at the time of original construction, the condition must be corrected in accordance with current code requirements. A construction change document, or a separate set of plans and specifications detailing and specifying the required repair work shall be submitted to and approved by DSA before proceeding with the repair work."

DSA ADMIN. REQUIREMENTS

ADMINISTRATIVE REQUIREMENTS:

1. A COPY OF PARTS 1,2,3,4, & 5 TITLE 24, C.C.R. SHALL BE KEPT ON THE JOB SITE AT ALL TIMES.
2. ALL CONSTRUCTION CHANGE DOCUMENTS - C.C.D. (CHANGE ORDERS) - AND ADDENDA TO BE SIGNED BY ARCHITECT AND THE OWNER AND APPROVED BY DSA. CONSTRUCTION CHANGE DOCUMENTS - C.C.D. (CHANGE ORDERS) -AND ADDENDA ARE NOT VALID UNTIL APPROVED BY DSA PER SECTION 4- 338, PART 1, TITLE 24.
3. ALL TESTS TO CONFORM TO THE REQUIREMENTS OF SECTION 4-335, PART 1, TITLE 24, AND APPROVED TESTS AND INSPECTIONS SHEET.
4. TESTS OF MATERIALS SHALL AND TESTING LABORATORY SHALL BE IN ACCORDANCE WITH SECTION 4-335, PART 1, TITLE 24 AND THE DISTRICT SHALL EMPLOY AND PAY THE LABORATORY. COSTS OF RE-TEST SHALL BE PER GENERAL CONDITIONS.
5. DSA SHALL BE NOTIFIED AT THE START OF CONSTRUCTION AND PRIOR TO THE PLACEMENT OF CONCRETE PER SECTION 4-331, PART 1, TITLE 24.
6. INSPECTOR SHALL BE APPROVED BY DSA. INSPECTION SHALL BE IN ACCORDANCE WITH SECTION 4-333(b). THE DUTY OF THE INSPECTOR SHALL BE IN ACCORDANCE WITH SECTION 4-342, PART 1, TITLE 24.
7. SUPERVISION OF CONSTRUCTION BY DSA SHALL BE IN ACCORDANCE WITH SECTION 4-334, PART 1, TITLE 24.
8. CONTRACTOR, INSPECTOR, ARCHITECT, AND ENGINEERS SHALL SUBMIT VERIFIED REPORTS (Form SSS-6) IN ACCORDANCE WITH SECTIONS 4-336 AND 4-343, PART 1, TITLE 24.
9. THE ARCHITECT AND THE STRUCTURAL ENGINEER SHALL PERFORM THEIR DUTIES IN ACCORDANCE WITH SECTIONS 4-333(a) AND 4-341, PART 1, TITLE 24.
10. THE CONTRACTOR SHALL PERFORM HIS DUTIES IN ACCORDANCE WITH SECTIONS 4-336 AND 4-343, PART 1, TITLE 24.
11. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHERE IN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CHANGE DOCUMENT (C.C.D), OR SEPARATE SET OF PLANS AND SPECIFCATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK.
12. DSA INSPECTOR LEVEL 3 REQUIRED.
13.

SCOPE OF WORK

THE FOLLOWING IS A BRIEF DESCRIPTION OF THE SCOPE OF WORK AS REQUIRED BY DSA. CONTRACTOR SHALL DETERMINE/VERIFY THE ENTIRE SCOPE AS SHOWN ON THE DRAWINGS AND SPECIFICATIONS PRIOR TO SUBMITTING BIDS

1. RELOCATION OF (1) 40x48 MODULAR LIBRARY BUILDING 'R49', FROM STOCKPILE. TO BE USED AS TEMPORARY BUILDING. (NIC)
   - A# 04-117381(PC# 04-114027)
2. RELOCATION OF (7) 24x40 MODULAR CLASSROOM BUILDINGS 'R50-R56' FROM STOCKPILE. TO BE USED AS TEMPORARY BUILDINGS. (NIC)
   - A# 04-101966 (PC# 04-101055)
   - A# 04-105203 (PC# 04-101055)
   - A# 04-100246 (PC# PC# 253)
3. RELOCATION OF (1) 36x40 MODULAR ADMINISTRATION BUILDING 'R57', FROM SEPARATE SITE. (NIC)
   - A# 56960
4. RELOCATION OF (1) 24x40 ADMINISTRATION BUILDING - 'R58', FROM STOCKPILE. TO BE USED AS TEMPORARY BUILDING (NIC)
   - A# 04-100929 (PC# 266)
5. INSTALLATION OF NEW FIRE HYDRANT
6. INSTALLATION OF ELECTRICAL UTILITES
7. MINOR IMPROVEMENTS TO EXISTING PARKING LOT
8. MINOR IMPROVEMENTS TO EXISTING RESTROOM 'RR'. A# 03-113432.
9. ASSOCIATED SITE IMPROVEMENTS
10. REMOVAL & REPLACEMENT OF FIRE ALARM AT EXISTING RESTROOM-'RR' AND EXISTING MODULAR BUILDINGS 'R42' THRU 'R48'
11. NEW FIRE ALARM CONTROL PANEL & TERMINAL CABINET AT EXISTING M-P. BUILDING 'A'. A# 51488
12. POWER RE-DISTIBUTION OF ROOF-TOP HVAC UNITS AT EXISTING M-P. BUILDING 'A'. A# 51488
13. NEW ELECTRICAL PANEL AT EXISTING KINDERGARTEN BUILDING 'B'.
14. NEW FIRE ALARM & POWER AT EXISTING BUILDING "ASP". A# 28584

GENERAL

1G0000	COVER SHEET
1G1200	FIRE ACCESS

Total: 2

LANDSCAPE

1L-1.00	IRRIGATION PLAN

Total: 1

CIVIL

1C1200	GRADING AND PAVING PLAN
1C1201	UTILITY PLAN
1C1202	ACCESSIBLE PATH OF TRAVEL
1C1203	DETAILS

Total: 4

ARCHITECTURAL

1A1000	OVERALL SITE PLAN, CODE ANALYSIS & FLOOD ZONE MAP
1A1001	PARTIAL SITE PLAN - DEMOLITION
1A1200	ENLARGED SITE PLANS
1A1201	ENLARGED FLOOR PLANS & DETAILS
1A8000	DETAILS

Total: 5

ELECTRICAL

E100	SYMBOLS, GENERAL NOTES, ABBREVIATIONS
E200	PARTIAL SITE ELECTRICAL PLAN (WEST)
E201	PARTIAL SITE ELECTRICAL PLAN (EAST)
E202	SIGNAL PLAN (TEMP CLASSROOM/ADMIN & PARENT CENTER)
E203	POWER PLAN (TEMP CLASSROOM/ADMIN & PARENT CENTER)
E204	MULTI-PURPOSE BUILDING ROOF POWER PLAN
E300	FIRE ALARM PLAN (TEMP CLASSROOMS & EXISTING RESTROOM & MODULAR CLASSROOMS R42-R48)
E301	FIRE ALARM PLAN (TEMP ADMIN & PARENT CENTER)
E302	EXISTING RESTROOM & MODULAR CLASSROOMS R42-R48 FIRE ALARM DEMOLITION PLAN, FIRE ALARM DETAILS
E303	FIRE ALARM RISER DIAGRAM
E304	FIRE ALARM VOLTAGE DROP AND BATTERY CALCULATIONS
E400	EXISTING SINGLE LINE DIAGRAM
E401	PROPOSED SINGLE LINE DIAGRAM
E500	ELECTRICAL DETAIL
E501	ELECTRICAL DETAILS

Total: 15

MODULAR R49 - TEMP. LIBRARY (48X40)
ELITE - A#04-117381 (PC # 04-114027)
SER#: 13546/47/48/49

A-0N	COVER SHEETS
A-1.03N	FLOOR PLAN
A-1.04N	FLOOR BLOCKING PLAN
A-2.03N	REFELECTED CEILING PLAN
A-4.04N	EXTERIOR ELEVATIONS
A-6.03N	INTERIOR ELEVATIONS
M-1.03N	MECHANICAL PLAN
E-1.03N	ELECTRICAL PLAN
A-0	COVER SHEET
A-0.2	SCHEDULES
A-2.20	CEILING DETAILS
A-3.03	ROOF PLAN
A-3.50	ROOF DETAILS
A-5.50	ARCHITECTURAL DETAILS
A-5.80	ARCHITECTURAL DETAILS
F-0.24	WOOD FOUNDATION PLAN
F-0.50	FOUNDATION DETAILS
S-1.01	FLOOR FRAMING PLAN
S-1.50	FLOOR FRAMING DETAILS - WOOD FLOOR
S2.11	ROOF FRAMING PLAN
S2.50	ROOF FRAMING DETAILS - MONO SLOPE
R-1.01	STANDARD RAMP PLAN
R-2.01	RAMP DETAILS

Total: 23

MODULAR R50 - TEMP. CLASSROOM (24X40)
AURORA - A# 04-101966 (PC# 04-101055)
SER#: 27883/27884

0	COVER SHEET, SHEET INDEX, BUILDING DATA
A1.0	FLOOR PLAN
A2.0	EXTERIOR ELEVATIONS
A3.0	INTERIOR ELEVATIONS
A4.0	ROOF PLAN
A5.0	REFLECTED CEILING PLAN
S1.0	BUILDING SECTIONS, WALL FRAMING, GABLE ROOF WOOD STUDS
S3.0	TYPICAL DETAILS PLYWOOD EXTERIOR
S4.2	GABLE ROOF, FLOOR FRAMING, ROOF FRAMING, STRUCTURAL DETAILS
S5.0	GABLE ROOF, STEEL TRUSS SECTION AND DETAILS
S6.1	STRUCTURAL DETAILS AND NOTES
E1.0	ELECTRICAL POWER & LIGHTING FLOOR PLAN & PANEL SCHEDULE
9	GENERAL NOTES SPECIFICATIONS
9.1	DOOR SCHEDULE, WINDOW SCHEDULE, FINISH SCHEDULE
R1.0	RAMP PLAN & DETAILS
M1	AIR CONDITIONING PLAN VIEW

WOOD FOUNDATION A# 04-116392 :

CP	COVER SHEET
WFS-01	STRUCTURAL SPECIFICATIONS WOOD FOUNDATIONS
WF-04	WOOD FOUNDATION PLAN
WFD-01	FOUNDATIONS DETAILS

Total: 20

MODULAR R51/R52-TEMP. CLASSROOMS (24X40)
AURORA - A# 04-105203 (PC# 04-101055)
R51 SER#: 37272/37272
R52 SER#: 37411/37412

0	COVER SHEET, SHEET INDEX, BUILDING DATA
A1.0	FLOOR PLAN
A2.0	EXTERIOR ELEVATIONS
A3.0	INTERIOR ELEVATIONS
A4.0	ROOF PLAN
A5.0	REFLECTED CEILING PLAN
S1.0	BUILDING SECTIONS, WALL FRAMING, GABLE ROOF WOOD STUDS
S3.0	TYPICAL DETAILS PLYWOOD EXTERIOR
S4.2	GABLE ROOF, FLOOR FRAMING, ROOF FRAMING, STRUCTURAL DETAILS
S5.0	GABLE ROOF, STEEL TRUSS SECTION AND DETAILS
E1.0	ELECTRICAL POWER & LIGHTING FLOOR PLAN & PANEL SCHEDULE
R1.0	RAMP PLAN & DETAILS
M1	AIR CONDITIONING PLAN VIEW

WOOD FOUNDATION A# 04-116392 :

CP	COVER SHEET
WFS-01	STRUCTURAL SPECIFICATIONS WOOD FOUNDATIONS
WF-04	WOOD FOUNDATION PLAN
WFD-01	FOUNDATIONS DETAILS

Total: 17

MODULAR R53/R54/R55/R56 - TEMP. (24X40)
AURORA - A# 04-100246 (PC# 253)
R53 SER #: 21600/21601
R54 SER #: 21606/21607
R55 SER #: 21624/21625
R56 SER #: 21810/21811

0	COVER SHEET, SHEET INDEX, BUILDING DATA
1	FLOOR PLAN, ROOF PLAN, BUILDING ELEVATIONS
3	BUILDING SECTIONS & WALL FRAMING
4	TYPICAL DETAILS
5	FLOOR FRAMING, ROOF FRAMING & STRUCTURAL ELEVATIONS
5.1	STEEL TRUSS SECTION & DETAILS
6B	STRUCTURAL DETAILS AND NOTES
7	REFLECTED CEILING PLAN & DETAILS
8	ELECTRICAL POWER & LIGHTING PLAN AND PANEL SCHEDULE
9	SPECIFICATIONS, INTERIOR & EXTERIOR FINISH SCHEDULES
R-1A	RAMP PLAN & DETAILS
M-1	AIR CONDITIONING FLOOR PLAN

WOOD FOUNDATION A# 04-116392 :

CP	COVER SHEET
WFS-01	STRUCTURAL SPECIFICATIONS WOOD FOUNDATIONS
WF-04	WOOD FOUNDATION PLAN
WFD-01	FOUNDATIONS DETAILS

Total: 16

MODULAR R57 - PERM. ADMINISTRATION (36X40)
MODTECH - A#56960
SER#: 10145/10146/10147

0.0	COVER SHEET
1.0	FLOOR PLAN, INTERIOR ELEVATIONS, ROOF PLAN
1.1	EXTERIOR ELEVATIONS
2.0	STRUCTURAL FRAMING
2.1	TYPICAL DETAILS
2.2	TYPICAL DETAILS
2.3	WALL FRAMING
3.0	WOOD FOUNDATION
4.0	ELECTRICAL AND LIGHTING PLAN
4.2	REFLECTED CEILING PLAN
6.0	GENERAL NOTES AND SPECIFICATIONS
M-1	AIR CONDITIONING PLAN
P-1	PLUMBING PLAN
R-1	RAMP PLAN
R-2	RAMP DETAILS

Total: 15

MODULAR R58 - TEMP. ADMINISTRATION (24X40)
MODTECH - A# 04-100929 (PC# 266)
SER#: 38551/38552

A.0.0	COVER SHEET
A1.0	FLOOR PLAN 24'X40'
AA2.0	ROOF PLAN (MONO PITCH) 24',40'
AA3.0	EXTERIOR ELEVATIONS
A4.0	INTERIOR ELEVATIONS 24'X40'
A5.0	DOOR, WINDOW, FINISH, HARDWARE SCHEDULES
A6.0	ARCHITECTURAL DETAILS (WOOD STUD)
A6.1	ARCHITECTURAL DETAILS (WOOD STUD)
A7.0	REFLECTED CEILING PLAN (24'X40')
A7.1	REFLECTED CEILING DETAILS
F1.0	CL FOUNDTATION PLAN AND DETAILS (PC 04-113776)
F2.1	CL FOUNDTATION PLAN AND DETAILS (PC 04-113776)
SA1.0	FLOOR FRAMING PLAN 50+20 PSI LL
SA2.0	ROOF FRAMING PLAN (MONO PITCH)
SA3.0	STRUCTURAL ELEVATIONS/DETAILS
S 3.1	STRUCTURAL DETAIL
S4.0	STRUCTURAL DETAILS
S5.0	WALL FRAMING (WOOD)
S5.1	WALL FRAMING DETAILS (WOOD)
S5.2	WALL FRAMING DETAILS (WOOD)
M1.0	HVAC PLAN 24'X40'
E1.0	ELECTRICAL PLAN 24'X40'
R1.0	RAMP / LOADING PLAN
R2.0	RAMP / STAIRS DETAILS

Total: 24

SHEET GRAND TOTAL: 142 SHEETS

APPLICABLE CODES

CALIFORNIA CODE OF REGULATIONS, TITLE 24 - BUILDING STANDARDS

2016	**CALIFORNIA ADMINISTRATIVE CODE (CAC)** (Title 24, Part 1, CCR)
2016	**CALIFORNIA BUILDING CODE (CBC)**, Volumes 1 & 2 (Title 24, Part 2, CR) (2015 International Building Code with 2016 California amendments)
2016	**CALIFORNIA ELECTRICAL CODE,** Title 24, Part 3, CCR) (2014 National Electrical Code with 2016 California amendments)
2016	**CALIFORNIA MECHANICAL CODE (CMC)**, Title 24, Part 4, CCR) (2015 Uniform Mechanical Code with 2016 California amendments)
2016	**CALIFORNIA PLUMBING CODE (CPC)**, Title 24, Part 5, CCR) (2015 Uniform Plumbing Code with 2016 California amendments)
2016	**CALIFORNIA ENERGY CODE,** (Title 24, Part 6)
2016	**CALIFORNIA HISTORICAL BUILDING CODE**, (Title 24, Part 8, CCR) (2015 International Building Code with 2016 California amendments)
2016	**CALIFORNIA FIRE CODE (CFC)**, Title 24, Part 9, CCR) (2015 International Fire Code with 2016 California amendments)
2016	**CALIFORNIA EXISTING BUILDING CODE,** (Title 24, Part 10, CCR) (2015 International Building Code with 2016 California amendments)
2016	**CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN)**, (Title 24, Part 11, CCR) - 2016 California Green Building Standards Code applies at those portions designated by California Building Standards Commission.
2016	**CALIFORNIA REFERENCE STANDARDS CODE**, (Title 24, Part 12, CCR)
2010	ADA STANDARDS FOR ACCESSIBILITY DESIGN, U.S. Department of Justice
2016	NFPA 13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2015 Edition
2016	NFPA 72, NATIONAL FIRE ALARM CODE AND SIGNALING CODE, 2015 Edition

NOTE: SOME CODES MAY NOT APPLY IF WORK REGULATED BY SUCH CODES IS NOT WITHIN THE SCOPE OF THIS PROJECT.

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CONTACT: MICHAEL CRIPE

STATEMENT OF GENERAL CONFORMANCE

FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS,
INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS

☒ The drawings or sheets listed on the cover or sheet index
☐ This drawing, page of specifications/ calculations

have been prepared by other design professionals or consultants who are licensed and/or authorized to prepare such drawings in this state. It has been examined by me for:

1) design intent and appears to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me, and
2) coordination with my plans and specifications and is acceptable for incorporation into the construction of this project.

The Statement of General Conformance "shall not be construed as relieving me of my rights, duties, and responsibilities under Sections 17302 and 81138 of the Education Code and Sections 4-336, 4-341 and 4-344" of Title 24, Part 1. *(Title 24, Part 1, Section 4-317 (b))*

I certify that: ☒ All drawings or sheets listed on the cover or index sheet
☐ This drawing or page
☐ is/are in general conformance with the project design, and
☒ has/have been coordinated with the project plans and specifications.

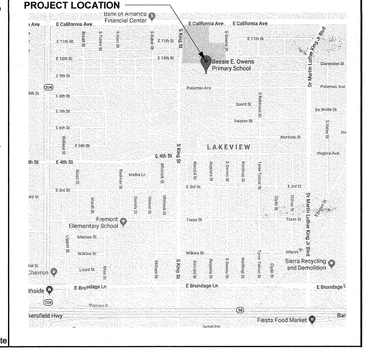
Signature — 08/26/2019 Date

Architect or Engineer designated to be in general responsible charge

RICK MELLO (Print Name Architect) — C-18079 (License Number) — 10 /19 (Expiration Date)

VICINITY MAP

PROJECT LOCATION



AGENCY INFORMATION:

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

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OFFICE OF REGULATION SERVICES
03-120134
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DATE SEP 30 2019

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LICENSED ARCHITECT — RICHARD — No. C18079 — REN. 10/19 — STATE OF CALIFORNIA

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BAKERSFIELD CITY SCHOOL DISTRICT

BAKERSFIELD CITY SCHOOL DISTRICT — Where The Child Comes First

BESSIE OWENS E.S. TEMPORARY MODULAR BUILDINGS

815 POTOMAC AVE, BAKERSFIELD, CA 93307

OPSC or OSHPD PROJ. NO:	N/A
PROJECT NO:	118932
DRAWN BY:	rRr
CHK'D BY:	RM
ISSUE DATE:	08/26/2019

SHEET TITLE

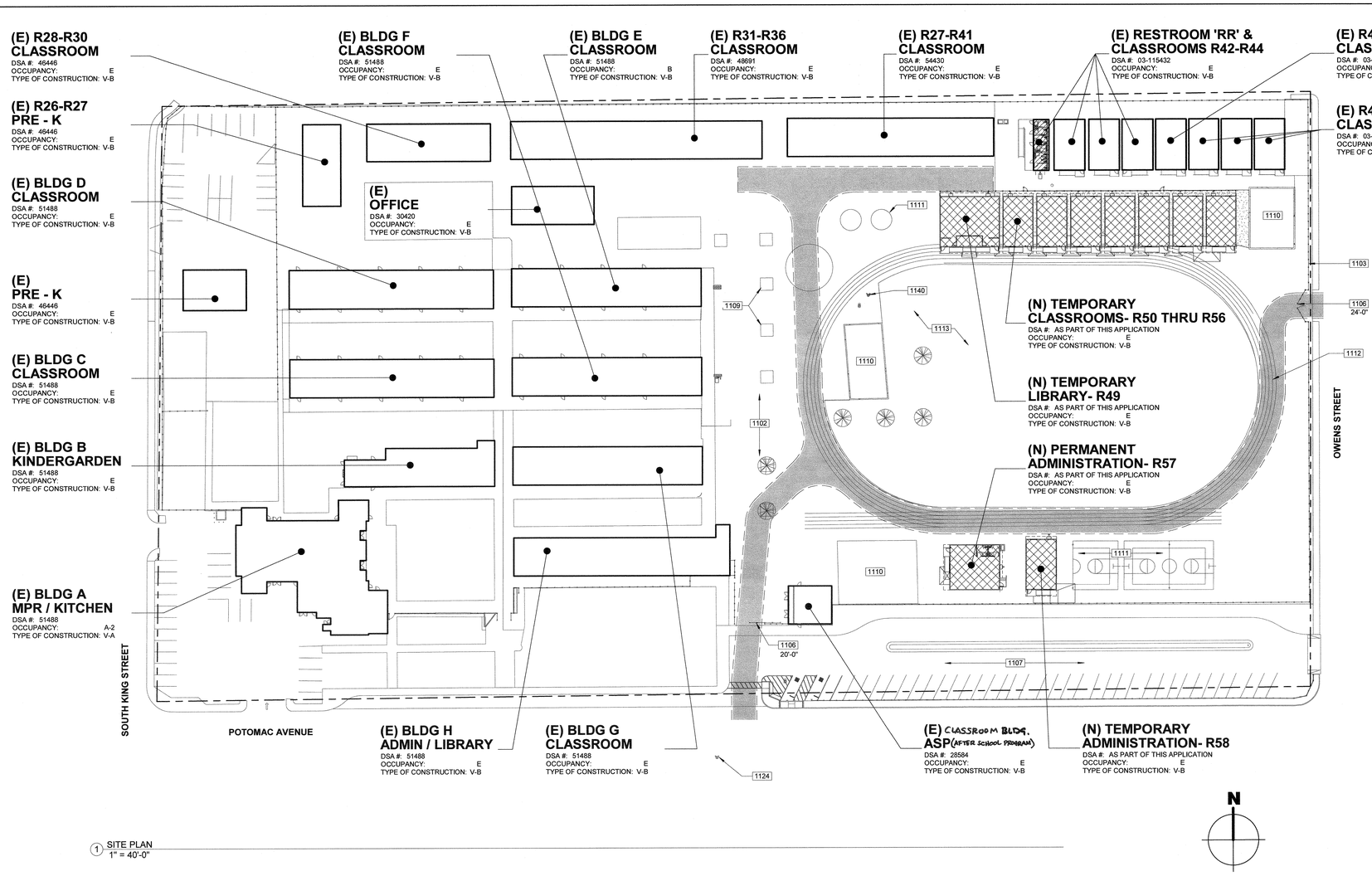
COVER SHEET

SHEET NUMBER

1G0000

CONSTRUCTION DOCUMENTS

PLOT DATE 2019-08-23 9:57:51 AM C:\Users\ruben ruiz\Documents\REVIT2018\ATW-118932-SITE-08-03-19-V2018_CENTRAL_ruben ruiz.rvt



1 SITE PLAN
1" = 40'-0"

1100 - KEYNOTES

1102	(E) A.C. PAVED AREA TO REMAIN
1103	(E) CHAIN LINK FENCE TO REMAIN
1106	(E) FIRE ACCESS GATE TO REMAIN, SIZE AS SPECIFIED. PROVIDE KNOX BOX, SEE DETAIL 13/1A8000
1107	(E) PARKING LOT TO REMAIN. A# 03-115432
1109	(E) PLANTER TO REMAIN
1110	(E) SAND PLAY BOX TO REMAIN
1111	(E) PLAY COURTS/STRUCTURE TO REMAIN
1112	(E) PLAY STRIPING TO REMAIN
1113	(E) TURF AREA TO REMAIN
1124	EXISTING FIRE HYDRANT TO REMAIN, SEE FIRE FLOW TEST ON 1G1200
1140	PROPOSED FIRE HYDRANT, AS PART OF THIS DSA APPLICATION. SEE CIVIL

LEGEND

- FIRE DEPARTMENT ACCESS. WIDTH 20'-0"
- PROPERTY LINE
- FIRE HOSE PATH. LENGTH AS SPECIFIED
- EXISTING BUILDING TO REMAIN
- NEW MODULAR BUILDING TO BE CONSTRUCTED AS PART OF DSA APPLICATION NUMBER
- CONCRETE WALK

California Water Service Company
Fire Flow Test

6/17/2019

Test Date: 06/17/2019 Time: 9:30
District BAKERSFIELD Zone: LOW Plat: 33-38
Address: 815 POTOMAC AVE
Cross Street: S KING ST
Requested By: BK CITY SCHOOLS DIST
Conducted By: R BROWN,J HUNTINGTON
Purpose Of Test: FIRE FLOW
Witnessed By: Calwater:
Others: DAN PEREZ/COB

Outlet No.	Outlet Size	PITOT	Observed	Static Pressure	Residual Pressure	Flow Observed	Flow Avail @20
Location 1 Hydrant No.: 3089			Address: POTOMAC AVE-100 YRDS E/S KING				
1	4.00	15	1664	60	50	1664	3517
2							
3							
4							
Location 2 Hydrant No.:			Address:				
1							
2							
3							
4							
Location 3 Hydrant No.			Address:				
1							
2							
3							
4							
			Total Flow Observed Available @20:			1664	3517

Remarks: GPM 1665

Static/Residual Location: S/E CORNER S KING-POTOMAC AVE HYD #3088

Note:

Regardless of the results of this test, California Water Service Company assumes no liability beyond that stated in the following excerpt from the P.U.C. Tarriff Schedule: "The utility (California Water Service Company) will supply only such water at such presssure as may be available from time to time as a result of its normal operation of the system."

DSA 810

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply.

Information associated with compliance items 1–3 below is to be provided for all project types indicated above. Information associated with items 4–7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the local fire authority (LFA) is only required when an alternate design means is being requested.

Page 1 of the completed form must be imaged onto the fire access site plan. When an alternate design/means is proposed, completed pages 1 *and* 2 are to be imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy 09-01.

PROJECT INFORMATION
School District/Owner: Bakersfield City School District
Project Name/School: Bessie Owens Primary School
Project Address: 815 Potomac Ave; Bakersfield, CA 93307

FIRE & LIFE SAFETY INFOMATION				
1.	Has a fire hydrant flow test been performed within the past 12 months? *(If yes, provide a copy of the test data.)*	Yes ☒		No ☐
2.	Was the fire hydrant water flow test performed as part of this LFA review?	Yes ☒		No ☐
3.	Is the project located within a designated fire hazard severity zone as established by Cal-Fire? *(If yes, indicate fire hazard zone classification below)*	Yes ☐		No ☒
	Refer to the following for fire hazard zone locations: www.fire.ca.gov/fire_prevention/fire_prevention_wildland_zones_maps	Moderate ☐	High ☐	Very High ☐
	Wildland Interface Area (WIFA) *(If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)*			WIFA ☐

CONDITION MEANS AND METHODS RESOLUTION		ALTERNATE ACCEPTED			
		Yes	No	N/A	N/R
4.	Emergency vehicle access roadways do not meet CFC requirements.			✗	
4a.	**Acceptable Alternate:** Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.				
5.	**Fire Hydrants:** Number and spacing does not meet CFC requirements.			✗	
5a.	**Acceptable Alternate:** Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.				
6.	**Fire Hydrants:** Water flow and pressure are less than CFC minimum.			✗	
6a.	**Acceptable Alternate:** The available flow and pressure is acceptable for providing fire suppression and protection of life and property.				
7.	Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.			✗	
7a.	**Acceptable Alternate:** The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.				

AGENCY INFORMATION:

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

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BAKERSFIELD CITY SCHOOL DISTRICT

BAKERSFIELD CITY SCHOOL DISTRICT "Where The Child Comes First"

BESSIE OWENS E.S. TEMPORARY MODULAR BUILDINGS

815 POTOMAC AVE, BAKERSFIELD, CA 93307

OPSC or OSHPD PROJ. NO:	N/A
PROJECT NO:	118932
DRAWN BY:	rRr
CHK'D BY:	RM
ISSUE DATE:	08/26/2019

SHEET TITLE

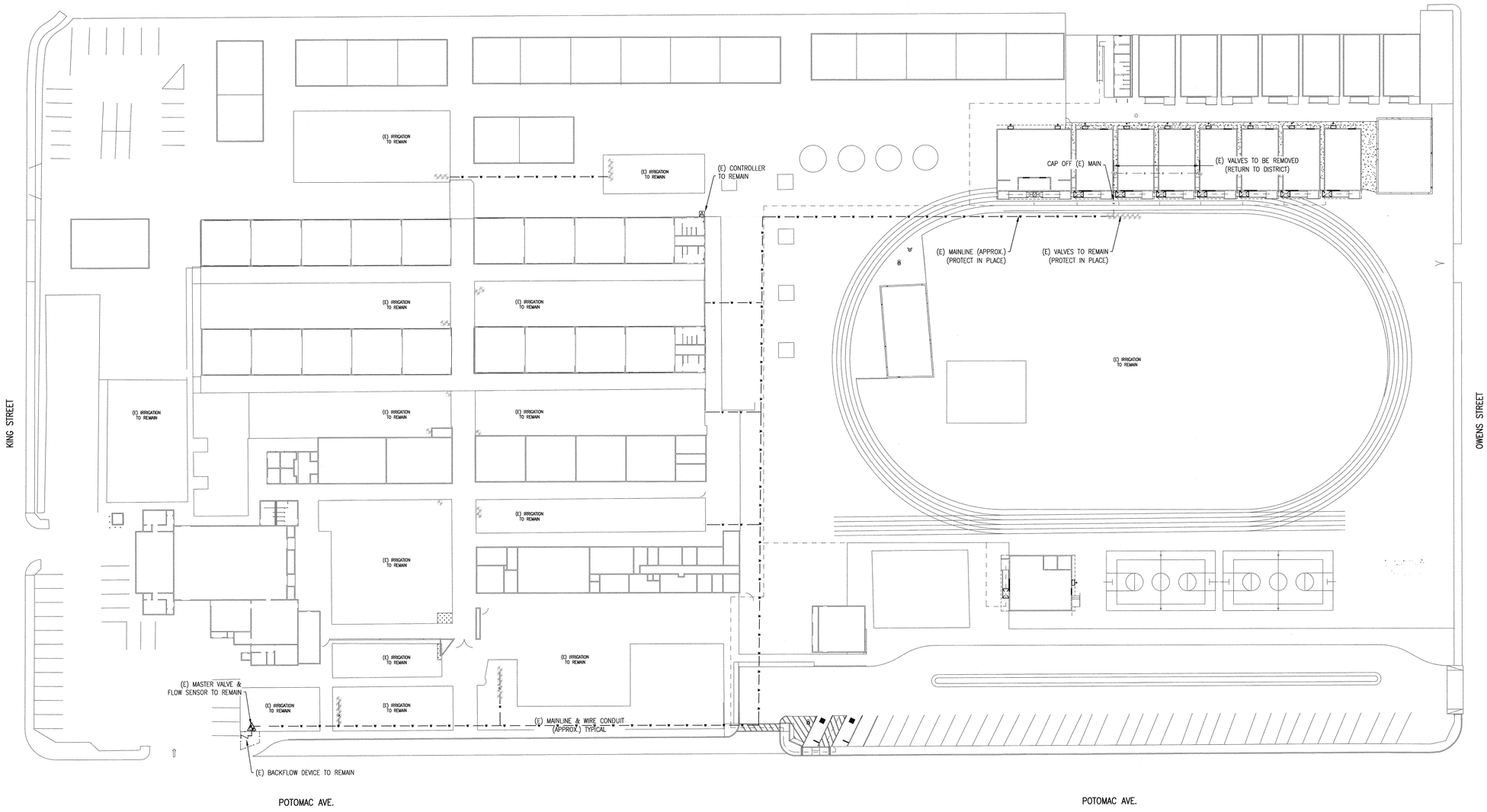
FIRE ACCESS

SHEET NUMBER

1G1200

CONSTRUCTION DOCUMENTS

PLOT DATE 2019-08-23 8:58:01 AM C:\Users\ruben.ruiz\Documents\REVIT2018\PARTM-118932-SITE-06-03-19-V2018_CENTRAL_ruben.ruiz.rvt



SCALE: 1" = 30'-0"

0' 30' 60' 90'

LANDSCAPE ARCHITECT'S SEAL

AGENCY INFORMATION:

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

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SAN LUIS OBISPO
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BAKERSFIELD CITY SCHOOL DISTRICT

BESSIE OWENS E.S. MODERNIZATION
815 POTOMAC AVE, BAKERSFIELD, CA 93307

OPSC or OSHPD PROJ. NO:	
PROJECT NO:	118932
DRAWN BY:	Author
CHK'D BY:	Checker
ISSUE DATE:	08/27/2019

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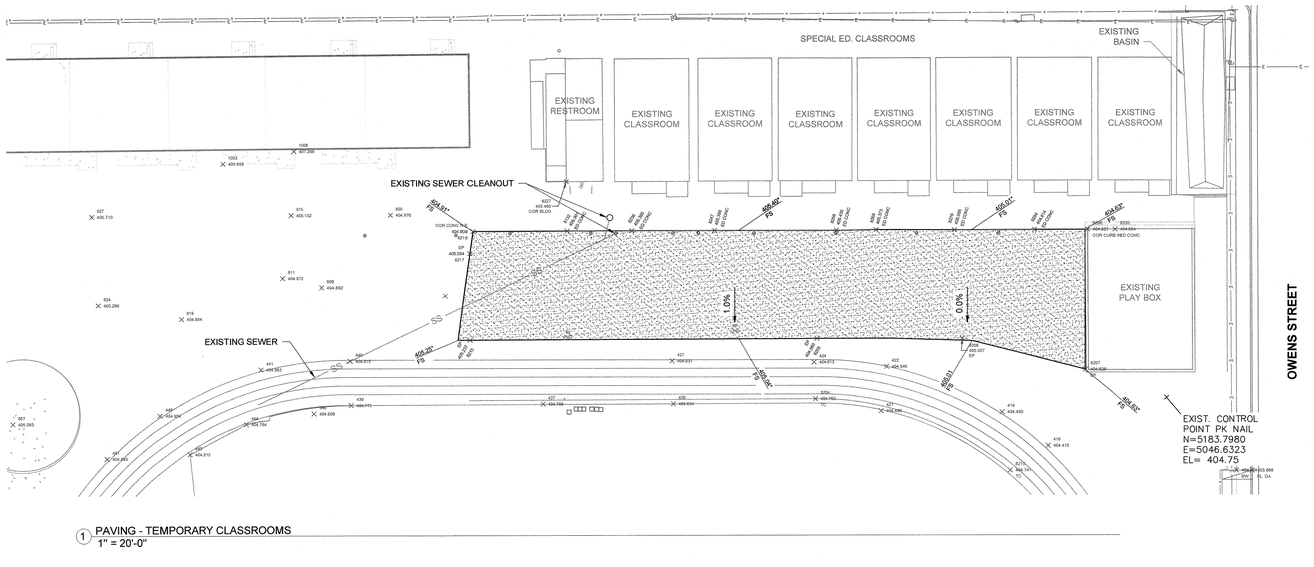
IRRIGATION PLAN

SHEET NUMBER

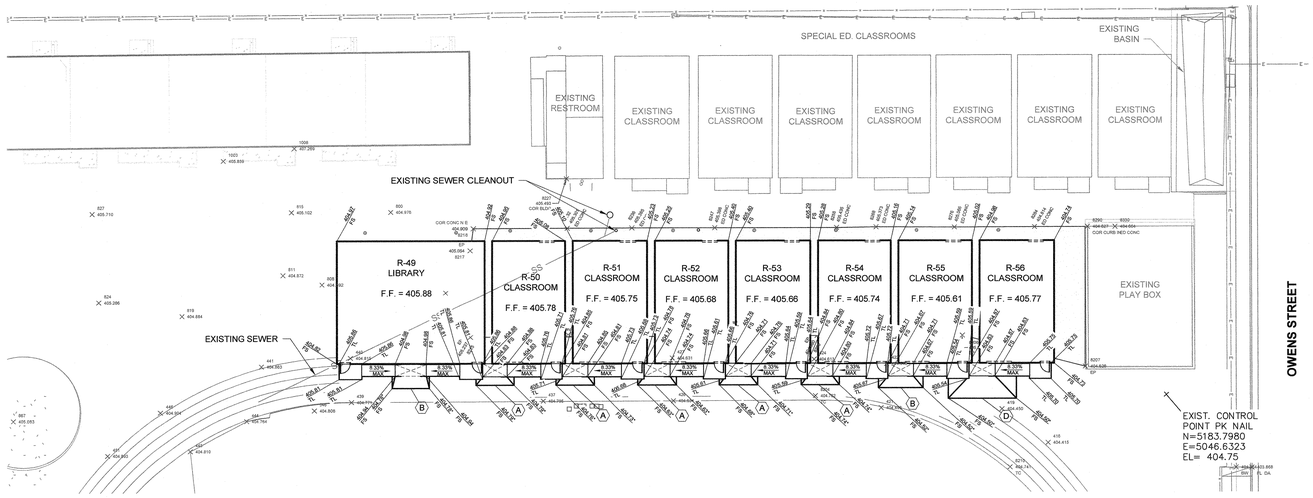
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CONSTRUCTION DOCUMENTS

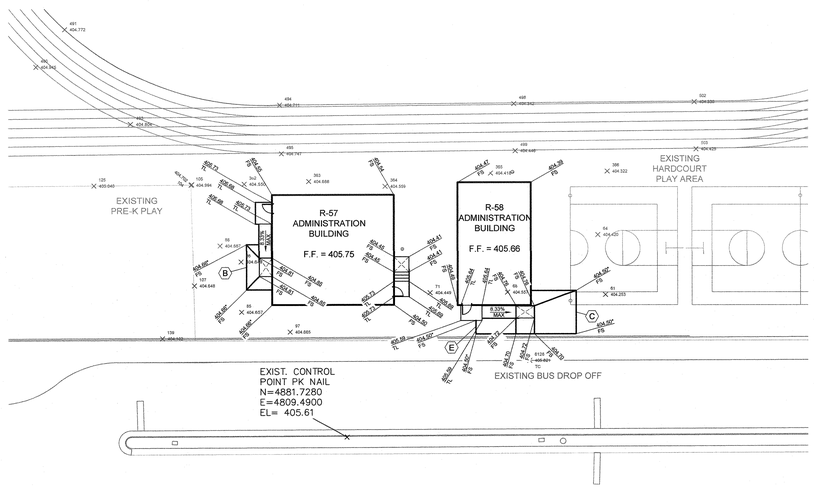
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1 PAVING - TEMPORARY CLASSROOMS
1" = 20'-0"



2 BUILDING LAYOUT - TEMPORARY CLASSROOMS
1" = 20'-0"



3 BUILDING LAYOUT - TEMPORARY ADMINISTRATION
1" = 20'-0"

2300-GENERAL NOTES

GRADING NOTES

1. CALIFORNIA BUILDING CODE REQUIREMENT: ALL GRADING AND EXCAVATION WORK SHALL CONFORM TO THE CURRENT EDITION OF THE CALIFORNIA BUILDING CODE.
2. GRADING PERMIT: CONTRACTOR SHALL OBTAIN A GRADING PERMIT FROM THE RESPONSIBLE LOCAL AUTHORITY AND CONFORM TO THE REQUIREMENTS THEREIN.
3. DESIGN INTENT: THE INTENT OF THE DESIGN IS FOR THE INSTALLATION OF TEN NEW RELOCATABLE STRUCTURES TO BE USED AS TEMPORARY CLASSROOMS, LIBRARY, AND ADMINISTRATIVE OFFICES.
4. PROTECTION OF OFFSITE UTILITIES: ALL EXISTING IMPROVEMENTS OR UTILITIES OUTSIDE THE LIMITS OF WORK, NOT DESIGNATED TO BE REMOVED WITHIN THE LIMITS OF WORK, THAT ARE REMOVED, DAMAGED OR UNDERCUT, SHALL BE REPAIRED OR REPLACED AS DIRECTED BY THE ARCHITECT AT CONTRACTOR'S EXPENSE.
5. NOTIFICATION OF ARCHITECT: NOTIFY ARCHITECT AT LEAST TWO WORKING DAYS IN ADVANCE OF ANY GRADING WORK OR WORK AFFECTING EXISTING IMPROVEMENTS.
6. JOB SITE CONDITIONS: CONTRACTOR ASSUMES SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS SHALL ALSO INCLUDE EXCAVATION RELATED SAFETY. CONTRACTOR SHALL NEVER LEAVE THE SITE WITHOUT PROPERLY SAFEGUARDING THE PUBLIC FROM INJURY RELATED TO CONSTRUCTION OPERATIONS. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
7. UNAUTHORIZED CHANGES AND USES: THE ENGINEER AND ARCHITECT WHO PREPARED THESE PLANS WILL NOT BE RESPONSIBLE OR LIABLE FOR UNAUTHORIZED CHANGES TO PLANS OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS SHALL BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.
8. DUST CONTROL: THE CONTRACTOR SHALL BE RESPONSIBLE TO PREVENT A DUST NUISANCE FROM ORIGINATING AT THE SITE AS A RESULT OF HIS OPERATIONS. THE CONTRACTOR SHALL OBTAIN A DUST PERMIT IF REQUIRED FROM THE REGIONAL AIR POLLUTION CONTROL DISTRICT AND CONFORM TO REQUIREMENTS THEREIN.
9. SWPPP: THE CONTRACTOR SHALL INCORPORATE BEST MANAGEMENT PRACTICES FOR STORM WATER POLLUTION PREVENTION AND CONFORM TO THE REQUIREMENTS. SWALE LOCATIONS OR OTHER AREAS WHERE CONCENTRATED FLOWS OF STORM WATER ARE ANTICIPATED, CONTRACTOR SHALL LINE SAID AREAS WITH GRAVEL OR OTHER BEST MANAGEMENT PRACTICE (BMP) AS DIRECTED BY ARCHITECT.
10. UTILITIES: CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES THAT MAY BE IMPACTED BY CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS PROJECT AND SHALL PRESERVE AND PROTECT THEM THROUGH THE DURATION OF THE PROJECT. ANY DAMAGE TO EXISTING UTILITIES THAT ARE A DIRECT RESULT OF CONSTRUCTION ACTIVITIES SHALL BE REPAIRED AND PAID FOR BY THE CONTRACTOR AT HIS EXPENSE.
11. NEATNESS TO BE MAINTENANCE: CONTRACTOR SHALL KEEP SITE IN A NEAT AND ORDERLY MANNER WITH A MINIMUM OF CONSTRUCTION DEBRIS. AT THE CLOSE OF EVERY BUSINESS DAY, CONTRACTOR SHALL ENSURE THAT DEBRIS IS GATHERED AND DISPOSED OF AS DIRECTED BY THE ARCHITECT.
12. SITE SECURITY: CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING THE SITE AT ALL TIMES. OWNER SHALL NOT BE RESPONSIBLE FOR LOSS OR DAMAGE OF CONTRACTOR'S EQUIPMENT OR MATERIAL DURING THE COURSE OF THE PROJECT.
13. FINISH SURFACE GRADES: DESIGN GRADES SHOWN ON PLANS ARE TO FINISH SURFACE. CONTRACTOR TO SUBTRACT STRUCTURAL SECTION THICKNESS OF PAVEMENT, BASE ROCK, SLAB AND BEDDING MATERIAL THICKNESSES TO ARRIVE AT DESIGN SUB GRADE ELEVATIONS.
14. TOPOGRAPHIC SURVEY BY:
PINNACLE CIVIL ENGINEERING, INC., DATED 8/24/2011
WILEY HUGHES SURVEYING, INC., DATED 4/15/2019
15. GEOTECHNICAL ENGINEERING INVESTIGATION BY:
KRAZAN & ASSOCIATES, INC., DATED 1/25/2019

2300 - KEYNOTES

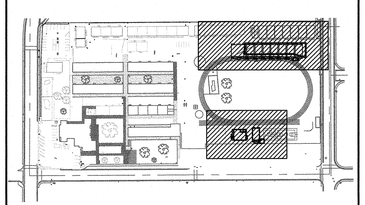
BENCH MARK USED

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LEGEND

	DECOMPOSED GRANITE AT TEMPORARY PORTABLE LOCATION	1 / 1C1203
FS	FINISH SURFACE	
TL	TOP OF LANDING	
FF	FINISH FLOOR	
EXIST	EXISTING	
*	MATCH EXISTING FINISHED GRADE	
X	FLARE LONGITUDINAL DIMENSION	11 / 1C1203
	ASPHALT LANDING	2 / 1C1203

KEY MAP



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BAKERSFIELD CITY SCHOOL DISTRICT

BESSIE OWENS E.S. TEMPORARY MODULAR BUILDINGS
815 POTOMAC AVE, BAKERSFIELD, CA 93307

OPSC or OSHPD PROJ. NO:	
PROJECT NO:	60594420
DRAWN BY:	NR
CHK'D BY:	ACR
ISSUE DATE:	08/06/2019

SHEET TITLE

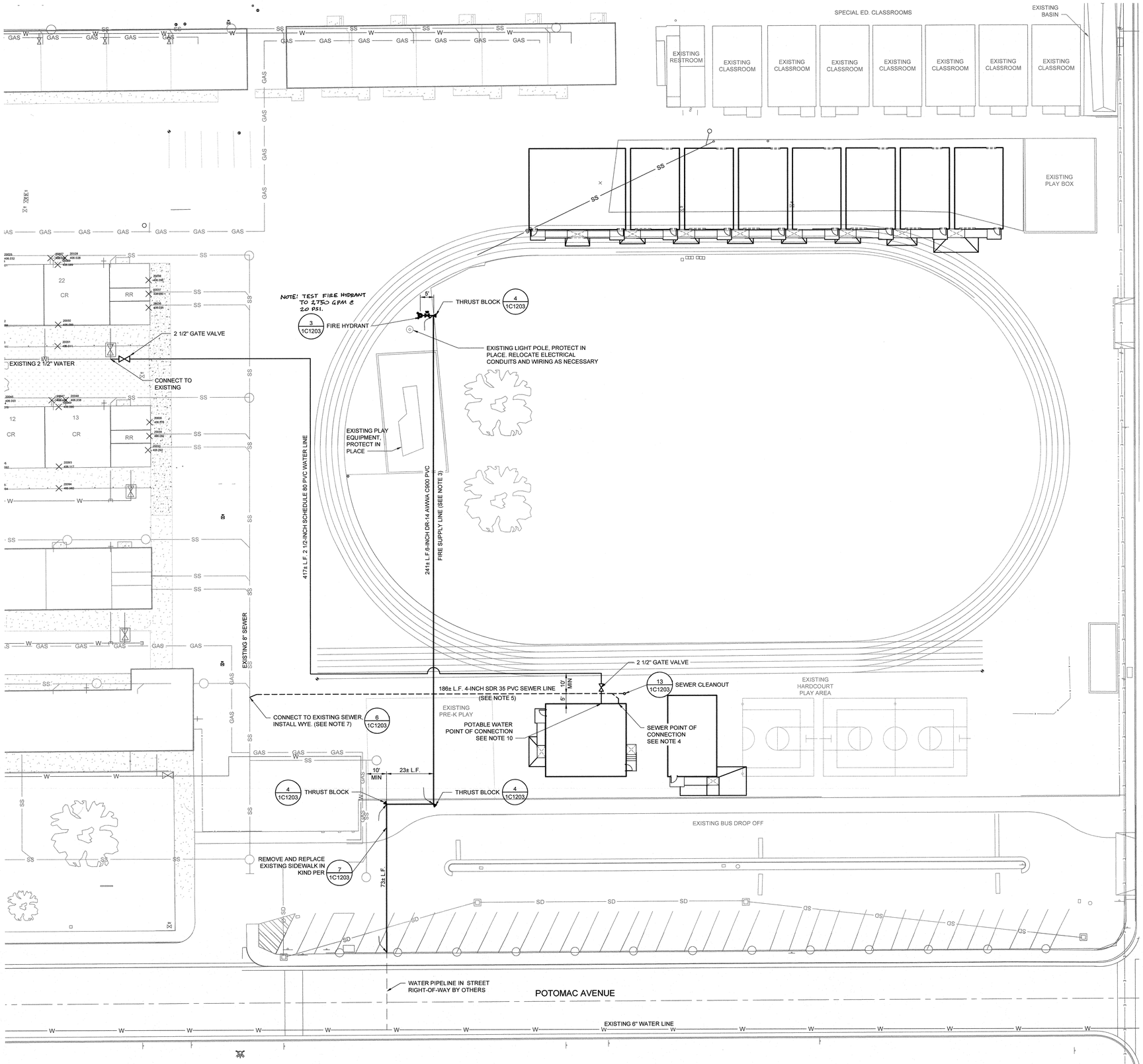
GRADING AND PAVING PLAN

SHEET NUMBER

1C1200

CONSTRUCTION DOCUMENTS

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1 UTILITY PLAN
1" = 20'

2300-GENERAL NOTES

1. ONSITE WATER LINE TO BE MAINTAINED BY BAKERSFIELD CITY SCHOOL DISTRICT.
2. LANDSCAPE IRRIGATION LOCATED THROUGHOUT GRASS AREAS. REPAIR AND REPLACE ANY LANDSCAPE IRRIGATION PIPING AS NEEDED.
3. FIRE SUPPLY LINE IS TO PROVIDE NON-POTABLE WATER, AND WILL BE SEPARATE FROM THE PROPOSED POTABLE WATER LINE.
4. ADJUST LENGTH OF PIPE TO MATCH BUILDING SEWER CONNECTION PER BUILDING MANUFACTURER.
5. SLOPE OF PROPOSED SEWER LINE SHALL NOT BE LESS THAN 2%.
6. SEWER PIPES SHALL CROSS AT LEAST 12-INCHES BENEATH WATER PIPES.
7. CONTRACTOR TO POTHOLE PRIOR TO ORDERING MATERIALS TO VERIFY EXISTING PIPE LOCATION AND DEPTH.
8. FIRE SUPPLY LINE REQUIRES A MINIMUM OF 42-INCHES OF COVER.
9. WATER LINE REQUIRES A MINIMUM OF 36-INCHES OF COVER.
10. ADJUST LENGTH OF PIPE TO MATCH BUILDING WATER CONNECTION PER BUILDING MANUFACTURER.
11. WATER AND SEWER TRENCH DETAILS SEE 5 1C1203
12. TEST FIRE HYDRANT TO 2,750 GPM AT 20 PSI.

2300 - KEYNOTES

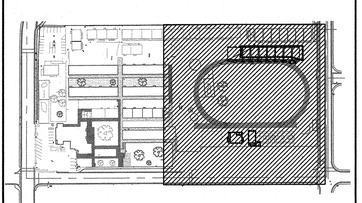
BENCH MARK USED

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LEGEND

GAS GAS	EXISTING GAS
SS	EXISTING SEWER
W	EXISTING WATER
	PROPOSED SEWER
	PROPOSED WATER
	FIRE SUPPLY LINE
	FIRE SUPPLY LINE BY OTHERS

KEY MAP



AGENCY INFORMATION:

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BAKERSFIELD CITY SCHOOL DISTRICT

BESSIE OWENS E.S. TEMPORARY MODULAR BUILDINGS
815 POTOMAC AVE, BAKERSFIELD, CA 93307

OPSC or OSHPD PROJ. NO:	
PROJECT NO:	60594420
DRAWN BY:	NR
CHK'D BY:	ACR
ISSUE DATE:	08/06/2019

SHEET TITLE

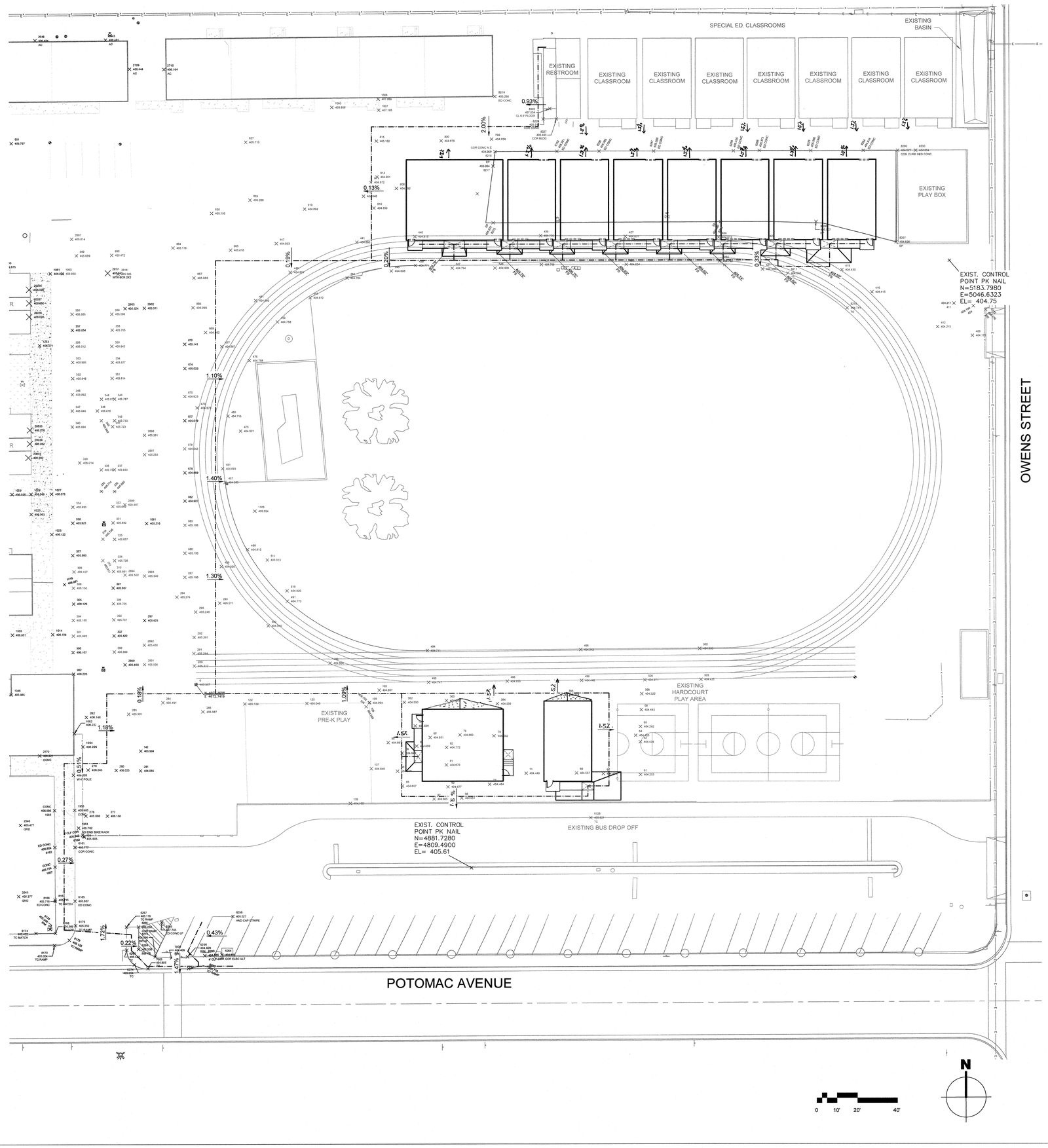
UTILITY PLAN

SHEET NUMBER

1C1201

CONSTRUCTION DOCUMENTS

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2300-GENERAL NOTES

2300 - KEYNOTES

BENCH MARK USED

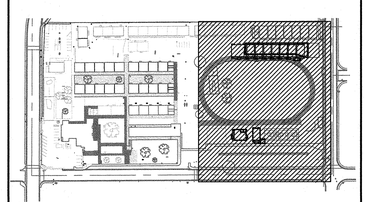
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LEGEND

PROPOSED PATH OF TRAVEL

MATCH EXISTING GRADE

KEY MAP



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661.283.2323 fax: 661.283.2360
www.aecom.com

BAKERSFIELD CITY SCHOOL DISTRICT

BESSIE OWENS E.S. TEMPORARY MODULAR BUILDINGS
815 POTOMAC AVE, BAKERSFIELD, CA 93307

OPSC or OSHPD PROJ. NO:	
PROJECT NO:	60594420
DRAWN BY:	NR
CHK'D BY:	ACR
ISSUE DATE:	08/06/2019

SHEET TITLE

ACCESSBLE PATH OF TRAVEL

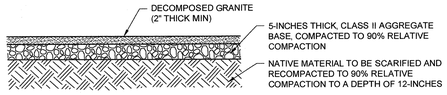
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1C1202

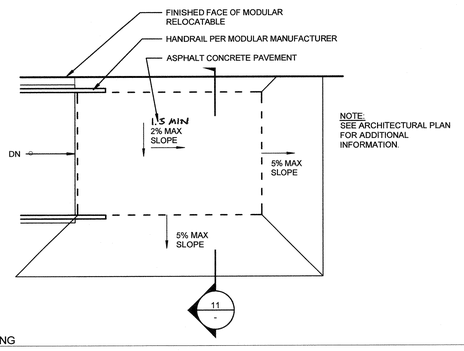
CONSTRUCTION DOCUMENTS

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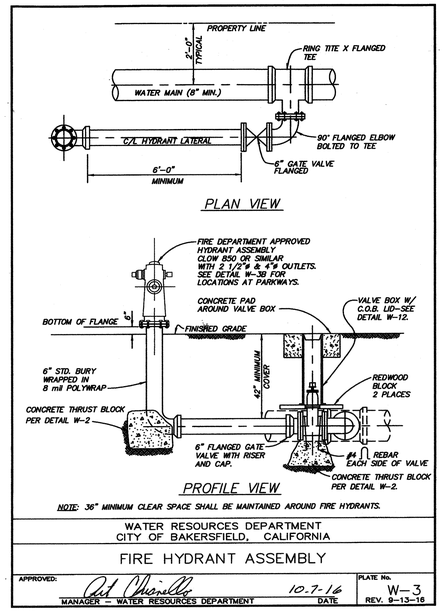
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1 DECOMPOSED GRANITE PAVEMENT
NTS

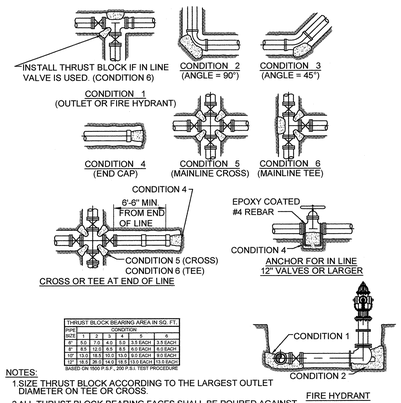


2 RAMP LANDING
1/2" = 1'-0"



NOTE: TEST FIRE HYDRANT TO 2,750 GPM @ 20 PSI.

3 FIRE HYDRANT ASSEMBLY
NTS

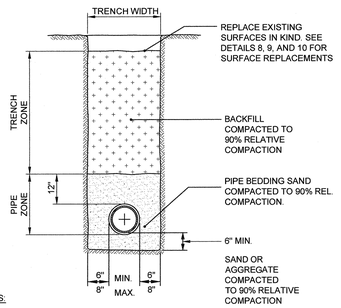


THRUST BLOCK BEARING AREA IN SQ. FT.						
PIPE	CONDITION					
SIZE	1	2	3	4	5	6
4"	4.5	7.0	3.5	3.5	3.5 EACH	3.5 EACH
6"	4.5	7.0	4.5	4.5	4.5 EACH	4.5 EACH
8"	13.5	14.5	10.5	10.5	10.5 EACH	10.5 EACH
12"	13.5	26.0	14.0	14.0	13.5 EACH	13.5 EACH

BASED ON 1000 P.S.F. 200 P.S.I. TEST PROCEDURE

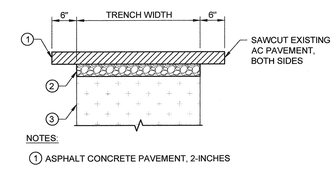
NOTES:
1. SIZE THRUST BLOCK ACCORDING TO THE LARGEST OUTLET DIAMETER ON TEE OR CROSS.
2. ALL THRUST BLOCK BEARING FACES SHALL BE POURED AGAINST UNDISTURBED SOIL OR APPROVED COMPACTED MATERIAL.

4 THRUST BLOCK DETAIL
NTS



NOTES:
1. MINIMUM COVER OVER ALL WATER LINES TO BE 3' AS MEASURED FROM FINISH GRADE.
2. MINIMUM COVER OVER ALL SEWER LINES SHALL BE 48".
3. PERCENT RELATIVE COMPACTION IS THE PERCENT OF THE MAX. DRY DENSITY AS DETERMINED BY ASTM D-1557 (5 LAYER).

5 PIPE BEDDING AND BACKFILL DETAILS
NTS



NOTES:
1. ASPHALT CONCRETE PAVEMENT, 2-INCHES
2. CLASS II AGGREGATE BASE COMPACTED TO 90% RELATIVE COMPACTION, 5-INCHES THICK
3. TRENCH ZONE PER DETAIL 5.
4. REPLACE PAVEMENT STRIPES IN KIND.

10 ASPHALT CONCRETE PAVEMENT
NTS

6 LATERAL CONNECTION TO EXISTING MAIN
NTS

NOTES:
1. SUBGRADE FOR CURB AND GUTTER SHALL BE THOROUGHLY WATERED AND ROLLED OR TAMPED TO 95% RELATIVE DENSITY TO A DEPTH OF 12 INCHES. SUBGRADE AND FORMS SHALL BE THOROUGHLY WETTED BEFORE PLACING CONCRETE.
2. SUBGRADE FOR SIDEWALK SHALL BE THOROUGHLY WATERED AND ROLLED OR TAMPED TO 90% RELATIVE DENSITY TO A DEPTH OF 6-INCHES.
3. SIDEWALKS SHALL BE SCREENED TO SECTION, COMPACTED WITH METAL GRID TO GIVE A LAYER OF MORTAR 3/8-INCH THICK ON THE SURFACE, FINISHED WITH A WOODEN FLOAT TO A MAXIMUM VARIATION OF 1/8-INCH FROM THE EDGE OF A 5-FOOT STRAIGHTEDGE, TROWELED SMOOTH AND FINISHED WITH A FINE HAIR PUSH BROOM TRANSVERSE TO THE DIRECTION OF TRAFFIC.
4. CONCRETE FOR CURBS, GUTTERS AND SIDEWALKS SHALL BE CLASS "B" (5 SACK) AND TO THE DIMENSIONS SHOWN ON THIS PLAN.
5. EXPANSION JOINTS SHALL BE PLACED AT ENDS OF CURB RETURNS AND 100-FOOT INTERVALS IN CURB AND GUTTER AND 20-FOOT INTERVALS IN SIDEWALKS.
6. TOP AND FACE OF CURB SHALL BE TROWELED SMOOTH AND FINISHED WITH A FINE BRUSH. GUTTERS SHALL BE GIVEN A BROOM FINISH WITH STROKES PARALLEL TO THE LINE OF THE GUTTER.
7. SIDEWALKS SHALL BE SCORED AT SPACING EQUAL TO SIDEWALK WIDTH.
8. CONCRETE SHALL BE SEALED BY IMMEDIATE APPLICATION OF A WHITE PIGMENTED SEALING COMPOUND.
9. PERCENT RELATIVE DENSITY IS THE PERCENT OF MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-1557 (5 LAYER).

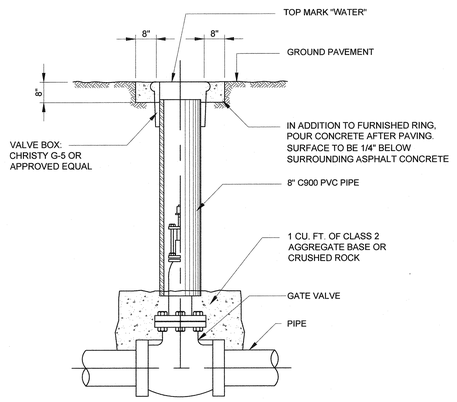
7 CURB, GUTTER, & SIDEWALK DETAILS
NTS

NOTES:
1. REMOVE AND PRESERVE EXISTING GRASS PATCH TO BE REINSTALLED AFTER BACKFILLING. DAMAGED PATCHES TO BE REPLACED IN KIND.
2. TRENCH ZONE PER DETAIL 5.

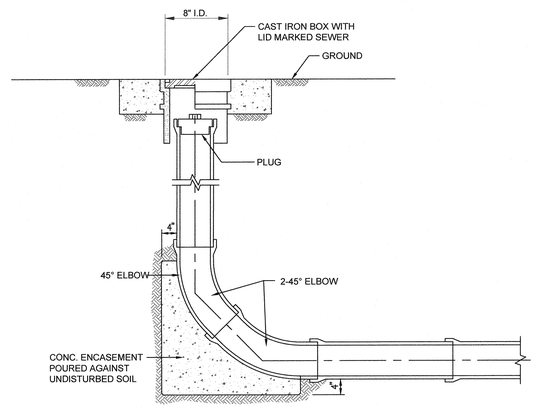
8 GRASS SURFACE
NTS

NOTES:
1. REMOVE EXISTING WOOD CHIP LANDSCAPING AND REPLACE IN KIND.
2. TRENCH ZONE PER DETAIL 5.

9 WOOD CHIP PLAY SURFACE
NTS



12 VALVE BOX ASSEMBLY
NTS



13 END OF LINE CLEANOUT
NTS

11 TEMPORARY ASPHALT CONCRETE FLARES IN PATH OF TRAVEL
NTS

FLARE LONGITUDINAL DIMENSION	
FLARE	SIZE
A	3'-0"
B	4'-0"
C	13'-4"
D	7'-6"
E	13'-0"

AGENCY INFORMATION:

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

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03-120134
AC. MP FLS SS
DATE SEP 30 2019

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BAKERSFIELD CITY SCHOOL DISTRICT

BESSIE OWENS E.S. TEMPORARY MODULAR BUILDINGS

815 POTOMAC AVE, BAKERSFIELD, CA 93307

OPSC or OSHPD PROJ. NO:	
PROJECT NO:	60594420
DRAWN BY:	NR
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ISSUE DATE:	08/06/2019

SHEET TITLE

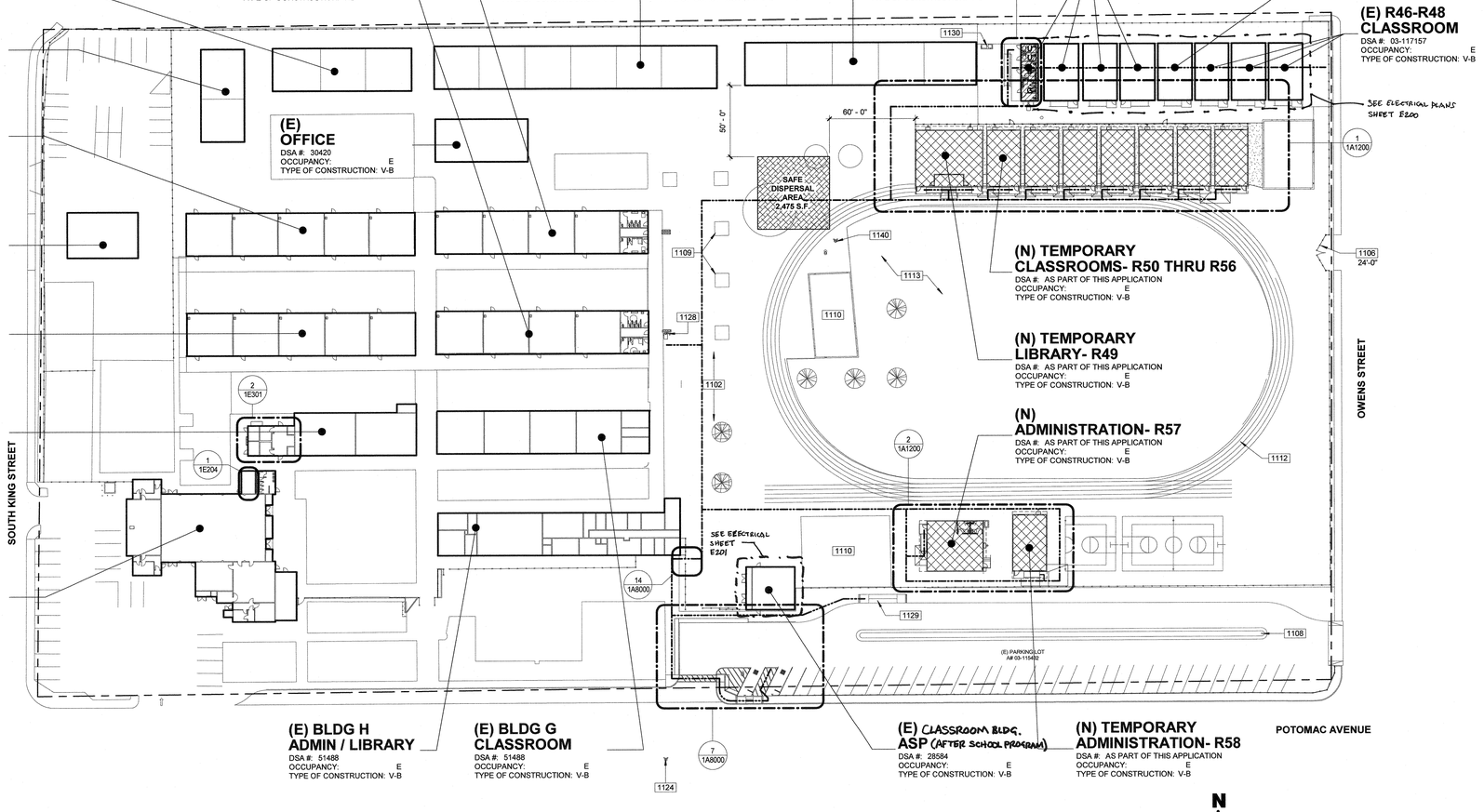
DETAILS

SHEET NUMBER

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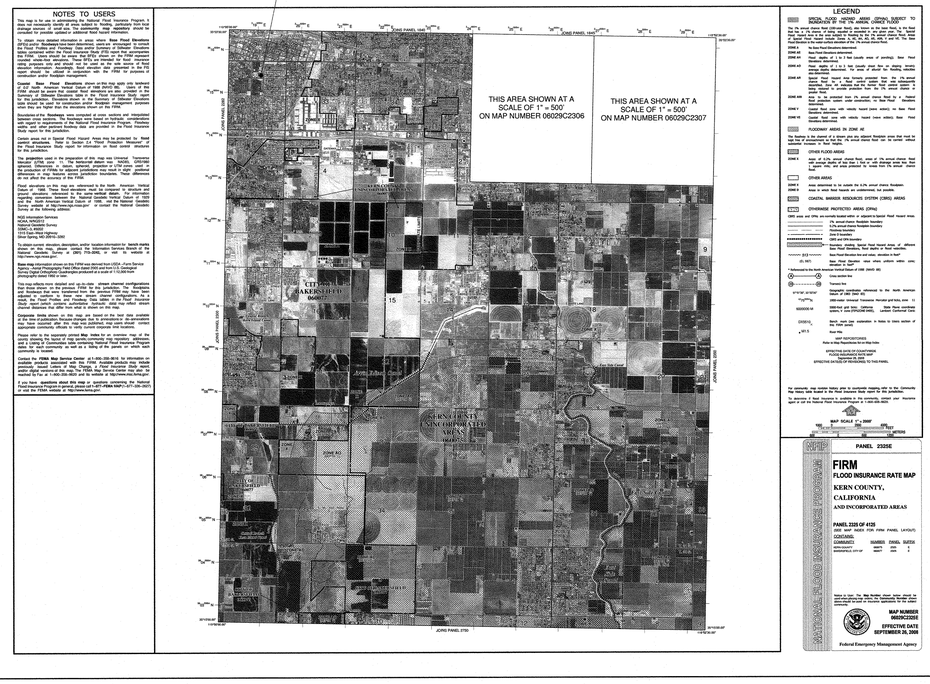
CONSTRUCTION DOCUMENTS

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1 OVERALL SITE PLAN
1" = 40'-0"

LOCATION OF PROJECT SITE
815 POTOMAC AVE.
BAKERSFIELD, CA 93307



1000-GENERAL NOTES

1. REFER TO CIVIL, PLUMBING, AND ELECTRICAL DRAWINGS FOR UNDERGROUND UTILITIES.
2. PRIOR TO ANY UNDERGROUND SITE WORK, VERIFY LOCATION OF ALL EXISTING UTILITIES WITH UNDERGROUND SERVICE ALERT (U.S.A.).

1100 - KEYNOTES

1102	(E) A.C. PAVED AREA TO REMAIN
1106	(E) FIRE ACCESS GATE TO REMAIN, SIZE AS SPECIFIED. PROVIDE KNOX BOX, SEE DETAIL 13/1A8000
1108	(E) TOW-AWAY SIGN TO REMAIN. A# 03-115432, SEE DETAIL
1109	(E) PLANTER TO REMAIN
1110	(E) SAND PLAY BOX TO REMAIN
1112	(E) PLAY STRIPING TO REMAIN
1113	(E) TURF AREA TO REMAIN
1124	EXISTING FIRE HYDRANT TO REMAIN, SEE FIRE FLOW TEST ON 1G1200
1128	REMOVE EXISTING DRINKING FOUNTAIN AND REPLACE WITH HI-LO DRINKING FOUNTAIN, SEE DETAIL 20/A1A1201
1129	EXISTING LOADING ZONE. A# 03-115432
1130	ELECTRICAL EQUIPMENT, SEE ELECTRICAL DRAWINGS
1140	PROPOSED FIRE HYDRANT, AS PART OF THIS DSA APPLICATION. SEE CIVIL

LEGEND

- ASSUMED PROPERTY LINE
- PROPERTY LINE
- ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER-FREE ACCESS ROUTE AT LEAST 48" WIDE, WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" AT 1:2 MAX. SLOPE, EXCEPT LEVEL CHANGES THAT DO NOT EXCEED 2% AND SLOPES IN THE DIRECTION OF TRAVEL SHALL NOT EXCEED 5%. "PASSING SPACES" AT LEAST 60"x60" ARE LOCATED NOT MORE THAN 200' APART. PART OF ACCESSIBLE PATH OF TRAVEL WITH CONTINUOUS GRADIENTS HAVE 60' LEVEL AREAS NOT MORE THAN 400' APART. P.O.T. SHALL BE FREE OF OBSTRUCTIONS OVERHANGING WITHIN 80" ABOVE WALKING SURFACE AND PROJECTING GREATER THAN 4" FROM WALL SURFACES BETWEEN 27" AND 80" ABOVE WALKING SURFACE, CBC11338.8.6
  THE ARCHITECT SHALL VERIFY THAT ALL BARRIERS ON THE INDICATED PATH OF TRAVEL HAVE BEE REMOVED. GATES IN PATH OF TRAVEL SHALL COMPLY WITH EXIT DOOR REQUIREMENTS PER CBC SECTION 11B-404.1
- NEW MODULAR BUILDING TO BE RELOCATED BY OWNER, N.I.C., AS PART OF THIS DSA NUMBER.
- EXISTING ACCESSIBLE STUDENT OR STAFF RESTROOM SEE 29/1A1201
- SAFE DISPERSAL AREA.
  TOTAL OCCUPANTS: 495
  AREA PER OCUPANT: 5 SF
  TOTAL DISPERSAL AREA REQUIRED: 2,475 SF

POT - STATEMENT OF COMPLIANCE

THE PATH OF TRAVEL (POT) IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR **"PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS".**

AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED TO DETERMINE COMPLIANCE WITH THESE REQUIREMENTS. ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NON-COMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NON-COMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF POT ITEMS REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NON-CONFORMING, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT.

BUILDING ANALYSIS

MODULAR WING - R49 THRU R56

R49:
Construction Type:.....V-B
Occupancy:.....E (CBC 303.1.3)
Allowable Area:.....9,500 ft²

Actual Area
w/ Overhangs:.....2,265 ft²

Occupant Load:.....96 OCC

R50 thru R56:
Construction Type:.....V-B
Occupancy:.....E
Allowable Area:.....9,500 ft²

Actual Area
w/ Overhangs:.....7,896 ft²

Occupant Load:.....336 OCC

Allowable Area Frontage (CBC 506.2.3)

$A_a = [A_s + (NS_x b)]$
I_f = [F/P- .025]W/30
I_f = [546/546 - .25]20/30
I_f = .50
$A_a = [9,500 + (9,500 \times .50)]$
A_a = 14,250 ft²

Total Combined Actual Area....10,161 ft² < 14,250 ft²...ok

ADMINISTRATION - R57

R57: Construction Type:.....V-B
Occupancy:.....B
Allowable Area:.....9,000 ft²

Actual Area
w/ Overhangs:.....1,685 ft² < 9,000 ft²

Occupant Load:.....15 OCC

CLASSROOM - R58

R58: Construction Type:.....V-B
Occupancy:.....E
Allowable Area:.....9,500 ft²

Actual Area
w/ Overhangs:.....1,128 ft² < 9,500 ft²

Occupant Load:.....48 OCC

PARKING ANALYSIS

EXISTING PARKING LOT - A#03-115432
36 PARKING SPACES
ACCESSIBLE SPACES REQUIRED (CBC 11B-208.2).....2
ACCESSIBLE SPACES PROVIDED.....2

VAN ACCESSIBLE SPACES REQUIRED (CBC 11B-208.2.4).....1
VAN ACCESSIBLE SPACES PROVIDED.....1

AGENCY INFORMATION:

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

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03-120134
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LICENSED ARCHITECT RICHARD NEWMAN No. C18079 REN. 10/19 STATE OF CALIFORNIA

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805.546.0433 fax: 805.546.0504
ibigroup.com

BAKERSFIELD CITY SCHOOL DISTRICT

BAKERSFIELD CITY SCHOOL DISTRICT "Where The Child Comes First"

BESSIE OWENS E.S. TEMPORARY MODULAR BUILDINGS
815 POTOMAC AVE, BAKERSFIELD, CA 93307

OPSC or OSHPD PROJ. NO:	N/A
PROJECT NO:	118932
DRAWN BY:	rRr
CHK'D BY:	RM
ISSUE DATE:	08/26/2019

SHEET TITLE

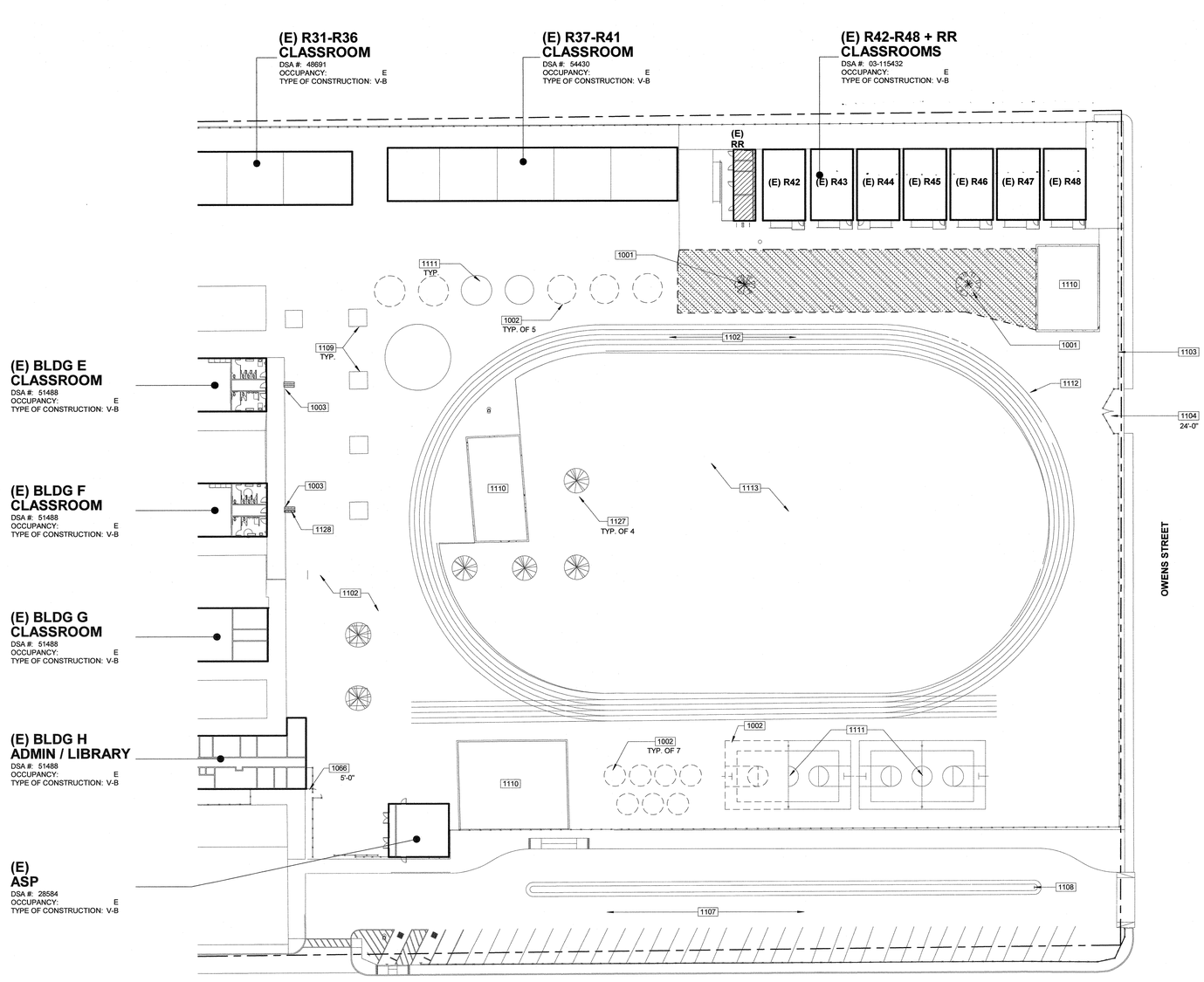
OVERALL SITE PLAN, CODE ANALYSIS & FLOOD ZONE MAP

SHEET NUMBER

1A1000

CONSTRUCTION DOCUMENTS

PLOT DATE 2019-08-23 9:57:42 AM C:\Users\ruben.ruiz\Documents\REVIT2018\ATW-118932-SITE-08-03-19-V2018_CENTRAL_ruben.ruiz.rvt



1 SITE PLAN - DEMOLITION
1" = 30'-0"

1000-GENERAL NOTES

1. REFER TO CIVIL, PLUMBING, AND ELECTRICAL DRAWINGS FOR UNDERGROUND UTILITIES.
2. PRIOR TO ANY UNDERGROUND SITE WORK, VERIFY LOCATION OF ALL EXISTING UTILITIES WITH UNDERGROUND SERVICE ALERT (U.S.A.).

1000 - DEMOLITION KEYNOTES

1001 REMOVE EXISTING TREE AND ASSOCIATED ROOTS, MIN 2'-0" BELOW GRADE
1002 REMOVE EXISTING PLAY STRUCTURE AND ASSOCIATED FOOTINGS. PATCH AND REPAIR SURFACE TO MATCH ADJACENT. PROVIDE FLUSH TRANSITION.
1003 REMOVE EXISTING DRINKING FOUNTAIN
1066 REMOVE EXISTING CHAIN LINK GATE
1102 (E) A.C. PAVED AREA TO REMAIN
1103 (E) CHAIN LINK FENCE TO REMAIN
1104 (E) PEDESTRIAN GATE TO REMAIN. SIZE AS SPECIFIED
1107 (E) PARKING LOT TO REMAIN. A# 03-115432
1108 (E) TOW-AWAY SIGN TO REMAIN. A# 03-115432, SEE DETAIL
1109 (E) PLANTER TO REMAIN
1110 (E) SAND PLAY BOX TO REMAIN
1111 (E) PLAY COURTS/STRUCTURE TO REMAIN
1112 (E) PLAY STRIPING TO REMAIN
1113 (E) TURF AREA TO REMAIN
1127 EXISTING TREES TO REMAIN
1128 REMOVE EXISTING DRINKING FOUNTAIN AND REPLACE WITH HI-LO DRINKING FOUNTAIN, SEE DETAIL 20/A1A1201

LEGEND

PROPERTY LINE

REMOVE EXISTING CONSTRUCTION. REFER TO DEMOLITION KEYNOTES FOR ADDITIONAL INFORMATION.

REMOVE TURF AREA AND ASSOCIATED IRRIGATION LINES. CAP BELOW GRADE. EXCAVATE SOIL TO PROVIDE 6" MIN DECOMPOSED GRANITE, SEE CIVIL.

EXISTING ACCESSIBLE STUDENT OR STAFF RESTROOM PER DSA APPLICATION NUMBER - A#03-115432.(M - MEN, W- WOMEN, B - BOYS , G - GIRLS)

AGENCY INFORMATION:

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

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03-120134
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LICENSED ARCHITECT
RICHARD M. RAY III
No. C18079
REN. 10/19
STATE OF CALIFORNIA

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BAKERSFIELD CITY SCHOOL DISTRICT

BESSIE OWENS E.S. TEMPORARY MODULAR BUILDINGS
815 POTOMAC AVE, BAKERSFIELD, CA 93307

OPSC or OSHPD PROJ. NO:	N/A
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ISSUE DATE:	08/26/2019

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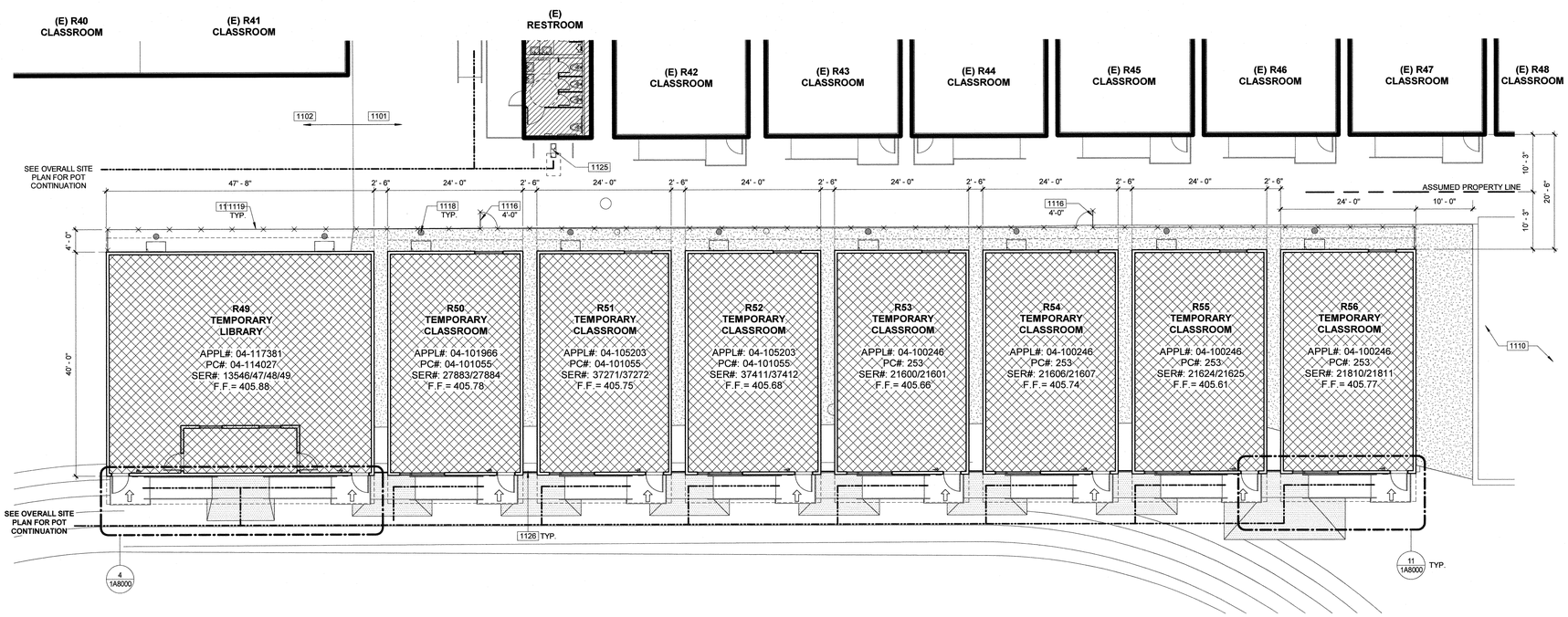
PARTIAL SITE PLAN - DEMOLITION

SHEET NUMBER

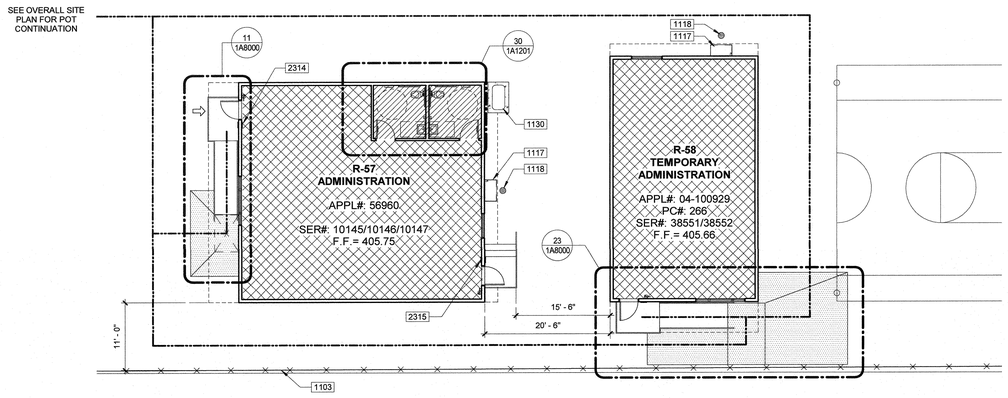
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CONSTRUCTION DOCUMENTS

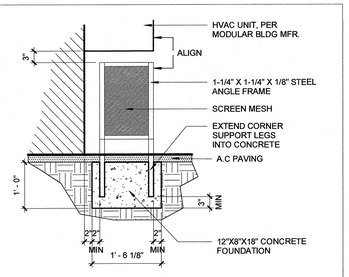
PLOT DATE 2019-09-23 9:57:46 AM C:\Users\rden.ruiz\Documents\RED\VT2019\BATM-118932-SITE_DEMO_19-10-2019_rdenruiz.rvt



1 TEMPORARY CLASSROOM ENLARGED SITE PLAN
1" = 10'-0"



2 MODULAR ADMINISTRATION ENLARGED SITE PLAN
1" = 10'-0"



25 **SCREEN SUPPORT** 3/4" = 1'-0"

1000-GENERAL NOTES

1. REFER TO CIVIL, PLUMBING, AND ELECTRICAL DRAWINGS FOR UNDERGROUND UTILITIES.
2. PRIOR TO ANY UNDERGROUND SITE WORK, VERIFY LOCATION OF ALL EXISTING UTILITIES WITH UNDERGROUND SERVICE ALERT (U.S.A.).

1100 - KEYNOTES

1101 (E) CONCRETE WALK TO REMAIN
1102 (E) A.C. PAVED AREA TO REMAIN
1103 (E) CHAIN LINK FENCE TO REMAIN
1110 (E) SAND PLAY BOX TO REMAIN
1115 CHAIN LINK FENCE, SEE DETAIL 19/1A8000
1116 CHAIN LINK GATE, SIZE AS SPECIFIED. SEE DETAIL 25/1A8000
1117 MODULAR HVAC UNIT, PROVIDE SCREEN SUPPORT PER DETAIL 18/1A8001
1118 DRYWELL. SEE DETAIL 27/1A8000
1125 HI-LOW DRINKING FOUNTAIN TO REMAIN. A# 03-115432
1126 CLOSURE PANEL. SEE DETAIL 30/1A8000
1130 ELECTRICAL EQUIPMENT, SEE ELECTRICAL DRAWINGS E203.
2314 EXIT RAMP DOWN SIGN, SEE DETAIL D-14/A1A1201
2315 EXIT STAIR DOWN SIGN, SEE DETAIL E-14/1A11201

LEGEND

ASSUMED PROPERTY LINE

ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER-FREE ACCESS ROUTE AT LEAST 48" WIDE. WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" AT 1:2 MAX. SLOPE, EXCEPT LEVEL CHANGES THAT DO NOT EXCEED 2% AND SLOPES IN THE DIRECTION OF TRAVEL SHALL NOT EXCEED 5%. "PASSING SPACES" AT LEAST 60"x60" ARE LOCATED NOT MORE THAN 200' APART. PART OF ACCESSIBLE PATH OF TRAVEL WITH CONTINUOUS GRADIENTS HAVE 60' LEVEL AREAS NOT MORE THAN 400' APART. P.O.T. SHALL BE FREE OF OBSTRUCTIONS OVERHANGING WITHIN 80" ABOVE WALKING SURFACE AND PROJECTING GREATER THAN 4" FROM WALL SURFACES BETWEEN 27" AND 80" ABOVE WALKING SURFACE, CBC1133B.8.6
THE ARCHITECT SHALL VERIFY THAT ALL BARRIERS ON THE INDICATED PATH OF TRAVEL HAVE BEE REMOVED. GATES IN PATH OF TRAVEL SHALL COMPLY WITH EXIT DOOR REQUIREMENTS PER CBC SECTION 11B-404.1

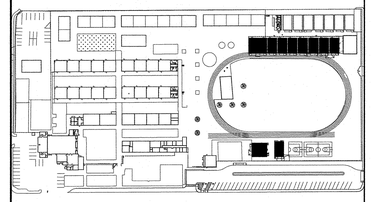
ACCESSIBLE BUILDING ENTRANCE

NEW MODULAR BUILDING TO BE RELOCATED BY OWNER, N.I.C., AS PART OF THIS DSA NUMBER.

EXISTING ACCESSIBLE STUDENT OR STAFF RESTROOM SEE SHEET 1A1201 FOR EXISTING CONDITIONS

DECOMPOSED GRANITE BASE. SEE CIVIL.

KEY PLAN



AGENCY INFORMATION:

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC MP FLS SPH SS
DATE SEP 30 2019

SEAL

LICENSED ARCHITECT RICHARD M. MARTIN NO. C18079 REN. 10/19 STATE OF CALIFORNIA

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ibigroup.com

BAKERSFIELD CITY SCHOOL DISTRICT

BESSIE OWENS E.S. TEMPORARY MODULAR BUILDINGS

815 POTOMAC AVE, BAKERSFIELD, CA 93307

OPSC or OSHPD PROJ. NO:	N/A
PROJECT NO:	118932
DRAWN BY:	rRr
CHK'D BY:	RM
ISSUE DATE:	08/26/2019

SHEET TITLE

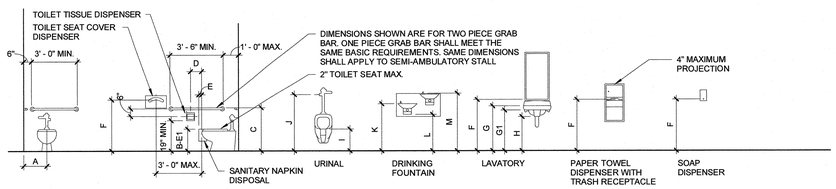
ENLARGED SITE PLANS

SHEET NUMBER

1A1200

CONSTRUCTION DOCUMENTS

PLOT DATE 2019-08-23 9:57:48 AM C:\Users\ruben.ruiz\Documents\REVIT2018\RATM-118932-SITE-R6-03-19-V2018_CENTRAL_ruben.ruiz.rvt



NOTES:

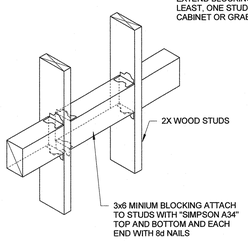
1. NOT ALL FIXTURES/ACCESSORIES SHOWN APPLY TO THIS PROJECT
2. HEIGHTS INDICATED ON INTERIOR ELEVATIONS TAKE PRECEDENCE OVER HEIGHTS SHOWN HERE
3. FIXTURES/ACCESSORIES SHOWN ARE AT HEIGHTS ACCESSIBLE TO PERSONS WITH DISABILITIES
4. MOUNTING HEIGHTS FOR ABLE BODIED PERSONS SHALL BE DETERMINED BY RECOMMENDATIONS FROM THE MANUFACTURER, UNLESS NOTED OTHERWISE.
5. WATER CLOSET FLUSH VALVE SHALL BE ORIENTED ON THE APPROACH SIDE OF ACCESSIBLE TOILET
6. FOR DIMENSIONS INDICATED BY A LETTER REFER TO DETAIL 4 / 1A1201
7. MOUNT GRAB BARS 36" ABOVE FINISHED FLOOR AT TANK TYPE TOILETS. ALLOW 6" CLR TO GRAB BAR

LETTER	DESCRIPTION	ADULT	ELEM.	KINDER
A	FROM WALL TO CENTERLINE OF TOILET	17"-18"	15"	12"
B	TOILET SEAT HEIGHT (TO TOP OF SEAT)	17" - 19"	15"	10" - 12"
C	GRAB BAR HEIGHT	33"-36" TOP	25"-27"	20" - 22"
D	TOILET TISSUE DISPENSER TO TOILET	7"-9"	7"-9"	7"-9"
E	SANITARY NAPKIN DISPOSAL TO TOILET	SEE FIG. 1 / 1A1201	SEE FIG. 1 / 1A1201	N/A
E1	SANITARY NAPKIN DISPOSAL FROM FLOOR TO TOP	17" - 19"	15"	N/A
F	DISPENSER OR MIRROR TO REFLECTIVE SURFACE	40" MAX.	36" MAX.	32" MAX.
G	LAVATORY/ SINK HEIGHT	34" MAX.	31" MAX.	26" MAX.
G1	LAVATORY APRON CLEARANCE	29" MIN.	26" MIN.	21" MIN.
H	KNEE CLEARANCE	27" MIN.	24" MIN.	19" MIN.
I	URINAL RIM HEIGHT	13" - 17"	13" - 15"	13" - 15"
J	URINAL FLUSH HANDLE HEIGHT	44" MAX.	37" MAX.	32" MAX.
K	DRINKING FOUNTAIN BUBBLER HEIGHT	36" MAX.	30" MAX.	30" MAX.
L	DRINKING FOUNTAIN KNEE CLEARANCE	27" MIN.	24" MIN.	22" MIN.
M	D.F. BUBBLER HEIGHT (STANDING UNIT)	38"-43"		

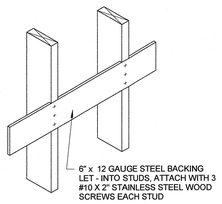
ADULT DIMENSIONS FOR PERSONS 12 YEARS AND OLDER
ELEM. DIMENSIONS FOR ELEMENTARY SCHOOL AGE PERSONS (AGES 6-12)
KINDER DIMENSIONS FOR KINDERGARTEN AND PRE - SCHOOL AGE PERSONS

1 ACCESSIBLE MOUNTING HEIGHTS

1/4" = 1'-0"



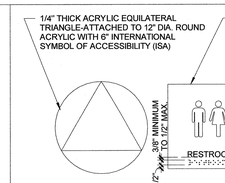
WOOD STUD FRAMING



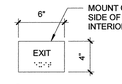
WOOD FRAMING WITH METAL BACKING

19 BLOCKING

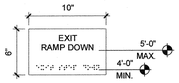
1" = 1'-0"



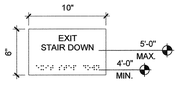
A RESTROOM ISA / UNISEX SIGN



C EXIT SIGN



D RAMP DOWN



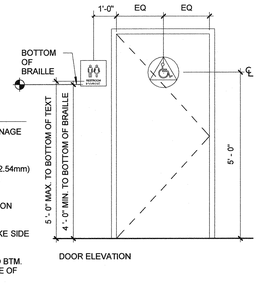
E STAIRS DOWN

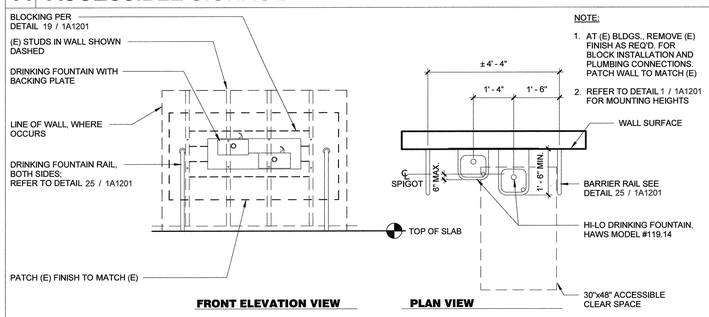
GENERAL NOTES

1. ALL SIGNS AND PLAQUES TO BE 1/4" THICK ACRYLIC
2. RAISE ALL SYMBOLS AND LETTERS 1/32" ABOVE SIGN/PLAQUE SURFACE UNLESS NOTED OTHERWISE
3. CONTRAST BETWEEN SIGN AND SIGN CONTENT SHALL BE 70% MIN. AND HAVE A NON-GLARE FINISH
4. CONTRAST BETWEEN SIGN AND MOUNTING SURFACE SHALL BE 70% MINIMUM.
5. REFER TO DOOR ELEVATION FOR TYPICAL SIGNAGE LOCATION.
6. CALIFORNIA GRADE 2 DOTS SHALL BE DOMES RAISED A MINIMUM OF 1/40" (0.635mm), 1/10" (2.54mm) BETWEEN DOTS WITHIN CELLS, WITH 1/5" (5.08mm) BETWEEN EACH CELL.
7. SIGNAGE SHALL COMPLY WITH TITLE 24, SECTION 1117B.5 THRU 1117.5.10
8. WHERE GLAZING OCCURS ADJACENT TO STRIKE SIDE OF DOOR ADHERE SIGNAGE TO GLAZING
9. TACTILE SIGNS SHALL BE LOCATED 48" MIN. TO BTM. BRAILE AND 60" MAX. TO BASELINE OF TOP LINE OF TACTILE CHARACTER

14 ACCESSIBLE SIGNAGE

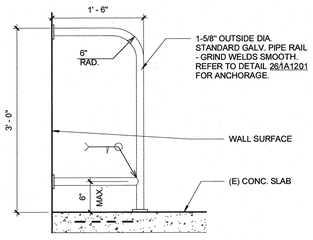
1 1/2" = 1'-0"





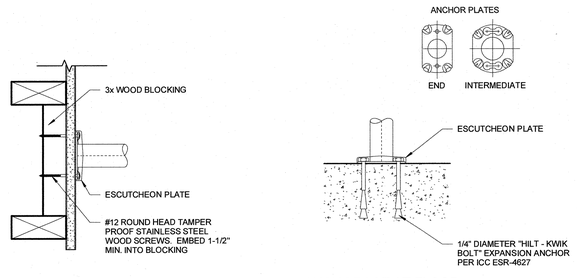
20 DRINKING FOUNTAIN - ELEMENTARY HEIGHT

1/2" = 1'-0"



25 D.F. RAIL

1" = 1'-0"

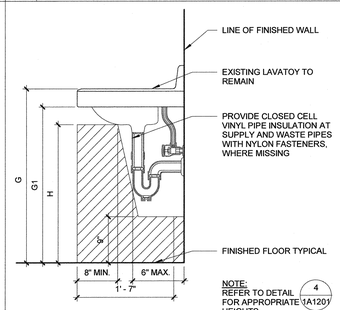


26 D.F HAND RAIL MOUNTING

3" = 1'-0"

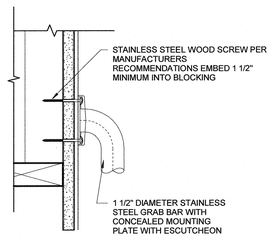
4 MOUNTING HEIGHTS

1/4" = 1'-0"



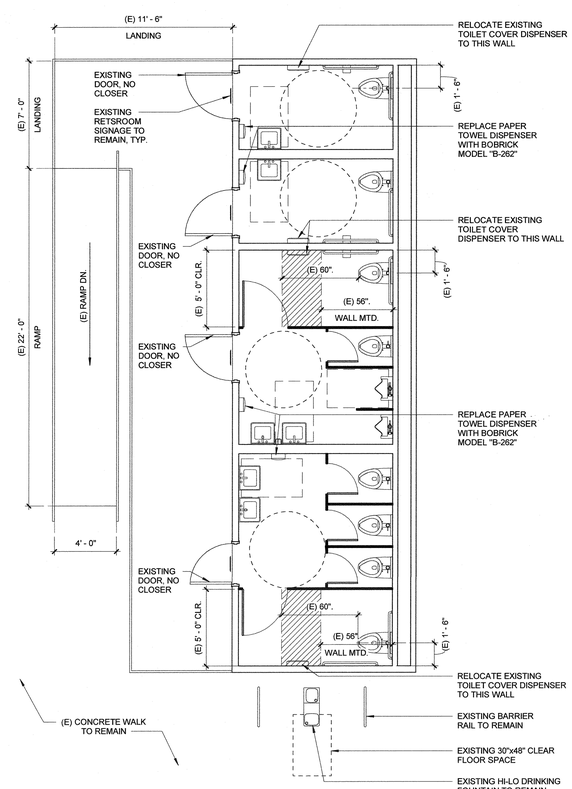
10 ACCESSIBLE SINK

1" = 1'-0"



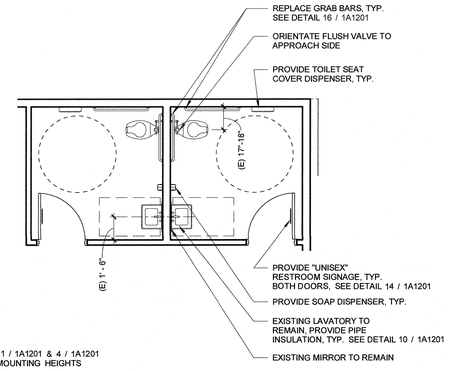
16 GRAB BAR MOUNTING

3" = 1'-0"



NOTE: SEE DETAIL1 / 1A1201 & 4 / 1A1201 FOR ACCESSIBLE MOUNTING HEIGHTS

29 EXISTING PORTABLE BUILDING - A#03-115432
1/4" = 1'-0"



NOTE: SEE DETAIL 1 / 1A1201 & 4 / 1A1201 FOR ACCESSIBLE MOUNTING HEIGHTS

30 ADMIN ENLARGED RESTROOOMS - A#56960
1/4" = 1'-0"

AGENCY INFORMATION:

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

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03-120134
AC. MF FLS. SS.
DATE SEP 30 2019

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LICENSED ARCHITECT RICHARD No. C18079 REN. 10/19 STATE OF CALIFORNIA

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BAKERSFIELD CITY SCHOOL DISTRICT

BESSIE OWENS E.S. TEMPORARY MODULAR BUILDINGS

815 POTOMAC AVE, BAKERSFIELD, CA 93307

OPSC or OSHPD PROJ. NO:	N/A
PROJECT NO:	118932
DRAWN BY:	rRr
CHK'D BY:	RM
ISSUE DATE:	08/26/2019

SHEET TITLE

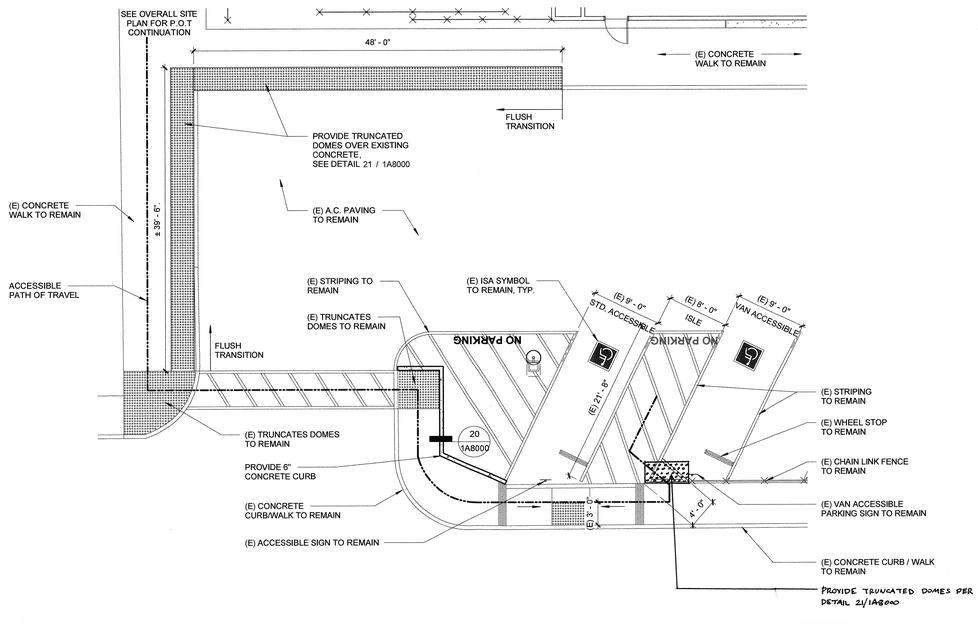
ENLARGED FLOOR PLANS & DETAILS

SHEET NUMBER

1A1201

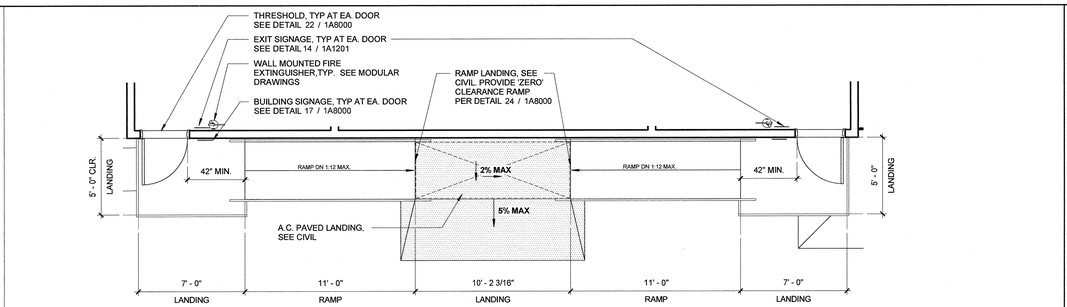
CONSTRUCTION DOCUMENTS

PLOT DATE: 2019-08-23 9:57:49 AM C:\Users\ruben.ruiz\Documents\REVIT20\BATW-118932-SITE-08-03-19-V2018_CENTRAL_ruben.ruiz.rvt



7 EXISTING ACCESSIBLE PARKING - A#03-115432

1/8" = 1'-0"



4 ENLARGED RAMP - LIBRARY

1/4" = 1'-0"

NOTES:

- EXIT DEVICE SHALL BE VON-DUPRIN, No LD99NL-OP W US26D FINISH & IVES VR910NL DOOR PULL

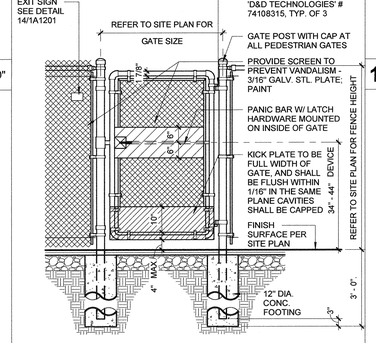
- LOCK SHALL BE SCHLAGE. PRIMUS RIM CYLINDER 20-757. LOCATED ON OUTSIDE OF GATE AND THROUGHT DOOR PULL

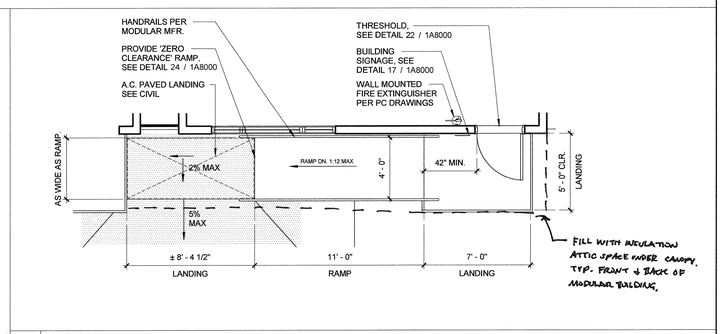
- PROVIDE DOOR STOP ON CONCRETE PAVING BY IVES FS18L OR EQUAL

- PROVIDE STEEL GATE STOP, 1/4" x 3"HT x WIDTH AS REQUIRED- WELDED TO GATE. ROUND CORNERS.

- KEYED DROP BOLT SHALL BE BY LOCINOX, MODEL "KEYDROP". INSTALL ON CAMPUS, INTERIOR SIDE OF GATE. KEY SHALL MATCH GATE LOCK. COLOR: MATCH GATE COLOR. INCLUDE AND INSTALL GROUND CATCHER BY LOCINOX MODEL 'EGS' IN BOTH CLOSED AND FULLY OPEN POSITIONS. COORDINATE WITH DOOR STOP INSTALLATION.

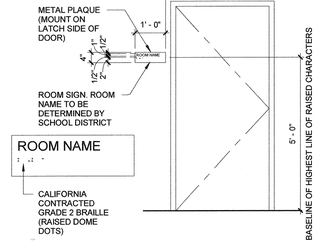
-HARDWARE HEIGHT 34"-44" PER CBC 11B-404.2.7





11 ENLARGED RAMP - CLASSROOMS

1/4" = 1'-0"



GENERAL NOTES

1. ALL SIGNS AND PLAQUES TO BE 1/4" THICK ACRYLIC
2. RAISE ALL SYMBOLS AND LETTERS 1/32" ABOVE SIGN/PLAQUE SURFACE UNLESS NOTED OTHERWISE
3. CONTRAST BETWEEN SIGN AND SIGN CONTENT SHALL BE 70% MIN. AND HAVE A NON-GLARE FINISH
4. CONTRAST BETWEEN SIGN ANDMOUNTING SURFACE SHALL BE 70% MINIMUM.
5. REFER TO DOOR ELEVATION FOR TYPICAL SIGNAGE LOCATION.
6. CALIFORNIA GRADE 2 DOTS SHALL BE DOMES RAISED A MINIMUM OF 1/40" (0.635mm), 1/10" (2.54mm) BETWEEN DOTS WITHIN CELLS, WITH 1/5" (5.08mm) BETWEEN EACH CELL
7. SIGNAGE SHALL COMPLY WITH TITLE 24, SECTION 11B-216 & 11B-703
8. WHERE GLAZING OCCURS ADJACENT TO STRIKE SIDE OF DOOR ADHERE SIGNAGE TO GLAZING
9. TACTILE SIGNS SHALL BE LOCATED 48" MIN. TO BTM. BRAILE AND 60" MAX. TO BASELINE OF TOP LINE OF TACTILE CHARACTER

13 KNOX BOX

6" = 1'-0"

14 ACCESSIBLE GATE CLR.

1/4" = 1'-0"

15 PARKING ENTRY SIGN

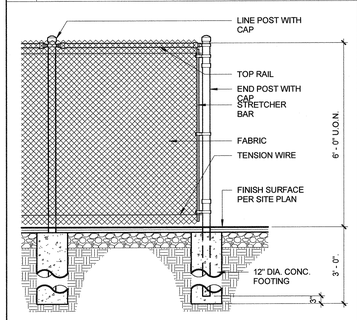
3/4" = 1'-0"

16 ACCESSIBLE GATE

1/2" = 1'-0"

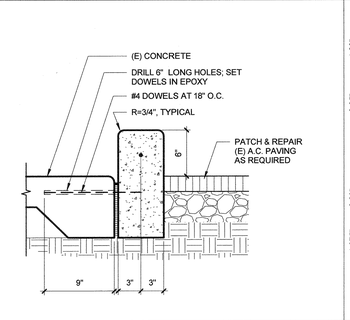
17 ROOM SIGNAGE

1/2" = 1'-0"



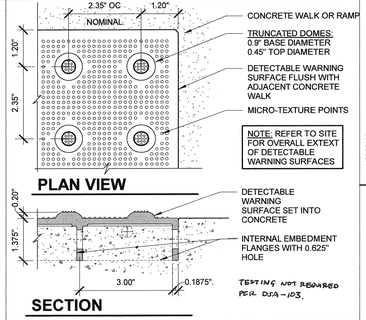
19 CHAIN LINK FENCE

1/2" = 1'-0"



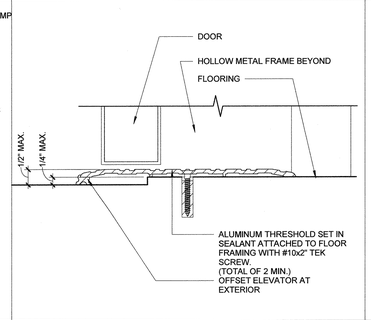
20 CONCRETE CURB

1 1/2" = 1'-0"



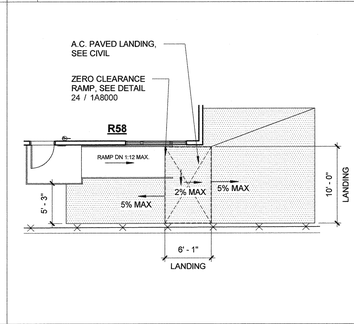
21 TRUNCATED DOMES

6" = 1'-0"



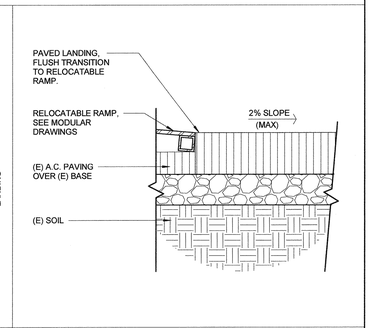
22 THRESHOLD

6" = 1'-0"



23 RAMP LANDING

1/8" = 1'-0"



24 A.C. TO RAMP

1 1/2" = 1'-0"

25 CHAIN LINK GATE

1/2" = 1'-0"

26 PARKING STRIPE

1" = 1'-0"

28 PANEL CAP

6" = 1'-0"

30 CLOSURE PANEL

1/4" = 1'-0"

29 PANEL PLAN

1 1/2" = 1'-0"

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LICENSED ARCHITECT RICHARD MEYER No. C-18079 EXP. 10/19 STATE OF CALIFORNIA

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BAKERSFIELD CITY SCHOOL DISTRICT

BAKERSFIELD CITY SCHOOL DISTRICT "Where The Child Comes First"

BESSIE OWENS E.S. TEMPORARY MODULAR BUILDINGS

815 POTOMAC AVE, BAKERSFIELD, CA 93307

OPSC or OSHPD PROJ. NO:	N/A
PROJECT NO:	118932
DRAWN BY:	rRr
CHK'D BY:	RM
ISSUE DATE:	08/26/2019

SHEET TITLE

DETAILS

SHEET NUMBER

1A8000

CONSTRUCTION DOCUMENTS

PLOT DATE 2019-09-23 9:57:51 AM C:\Users\chen.ruo\Documents\RFCUT2018ATM-118932-SITE_DEV_R19_CENTRAL_chen.ruo.rvt

ABBREVIATIONS

A OR AMP	AMPERES	MCB	MAIN CIRCUIT BREAKER
AC	ALTERNATING CURRENT	MCM	THOUSAND CIRCULAR MILS
AF	AMP FRAME/AMP FUSE	MCP	MOTOR CIRCUIT PROTECTOR
AFC	AVAILABLE FAULT CURRENT	MECH	MECHANICAL
AIC	AMPERE INTERRUPTING CAPACITY	MFR	MANUFACTURER
AFF	ABOVE FINISHED FLOOR	MG	MOTOR-GENERATOR
AS	AMP SWITCH RATING	MH	MANHOLE
AT	AMP TRIP	MI	MINERAL
AFG	ABOVE FINISHED GRADE	MISC	MISCELLANEOUS
AUTO	AUTOMATIC	MTD	MOUNTED
AWG	AMERICAN WIRE GAUGE	MTG	MOUNTING
ATS	AUTOMATIC TRANSFER SWITCH	MTR	MOTOR
BD	BOARD	(N)	NEW
BKR	BREAKER	NC	NORMALLY CLOSED
BLDG	BUILDING	NEC	NATIONAL ELECTRICAL CODE
C	CONDUIT	NF	NON FUSED
CB	CIRCUIT BREAKER	NIC	NOT IN CONTRACT
CBC	CALIFORNIA BUILDING CODE	NL	NIGHT LIGHT
CG	CEILING GRID	NOM AUTO	NOMINAL AUTO SPEC
CKT	CIRCUIT	N.T.S.	NOT TO SCALE
CO	CONDUIT ONLY WITH PULL ROPE	O	POLE
COMM	COMMUNICATION	PA	PUBLIC ADDRESS
CEC	CALIFORNIA ELECTRICAL CODE	PH OR #	PHASE
CFC	CALIFORNIA FIRE CODE	PNL	PANEL
DIA OR ø	DIAMETER	PRI	PRIMARY
DIAG	DIAGRAM	PVC	POLYVINYL CHLORIDE
DISC	DISCONNECT	PWR	POWER
DNS	DO NOT SCALE	(R)	REMOVED
DWG	DRAWING	RELOC	RELOCATED
EC	ELECTRICAL CONTRACTOR	RD	ROOF DRAIN
FACP	FIRE ALARM CONTROL PANEL	RGS	RIGID GALVANIZED STEEL CONDUIT
F.L.A.	FULL LOAD AMPS	SCHED	SCHEDULE
(F)	FRONT	SEC	SECONDARY
GA	GAUGE	SPEC	SPECIFICATION
GC	GENERAL CONTRACTOR	STD	STANDARD
GFI	GROUND FAULT INTERRUPTING	UNSW	UNSWITCHED
GND	GROUND	TELE	TELEPHONE
HP	HORSEPOWER	TR	TRANSFORMER
HID	HIGH INTENSITY DISCHARGE	TYP	TYPICAL
HT	HEIGHT	UON	UNLESS OTHERWISE NOTED
IG	ISOLATED GROUND	UG	UNDERGROUND
JB	JUNCTION BOX	V	VOLT
kV	KILOVOLT	VA	VOLT-AMPERE
KVA	KILOVOLT-AMPERE	VD	VOLTAGE DROP
kW	KILOWATT	W	WATT
LCL	LONG CONTINUOUS LOAD	W/	WITH
LFMC	LIQUID TIGHT FLEXIBLE METAL CONDUIT	WP	WEATHERPROOF
LTG	LIGHTING	(X)	EXISTING
MAS	MASONRY	1P	SINGLE POLE
MAG	MAGNETIC	3P	THREE POLE
MAX	MAXIMUM	@	AT

U.I. STANDARD 486B TORQUING RECOMMENDATIONS

TIGHTENING TORQUE FOR SCREWS (a) TORQUE, POUND – INCHES

WIRE SIZE	SLOTTED HEAD NO. 10 AND LARGER (b)				HEXAGONAL HEAD/EXTERNAL DRIVE SOCKET WRENCH	
	SLOT WIDTH (IN.)		SLOT LENGTH (IN.)		SELF-SHIFT CONNECTORS	OTHER CONNECTORS
	TO 3/64	OVER 3/64	TO 1/4	OVER 1/4		
18–10 AWG	20	35	20	35	80	75
8	25	40	25	40	80	75
6	35	45	35	45	165	110
4	–	45	–	45	165	110
3	–	50	–	50	275	150
2	–	50	–	50	275	150
1	–	50	–	50	275	150
1/0	–	50	–	50	385	180
2/0	–	50	–	50	385	180
3/0	–	50	–	50	500	250
4/0	–	50	–	50	500	250
250 kcmil	–	50	–	50	650	325
300	–	50	–	50	650	325
350	–	50	–	50	650	325
400	–	50	–	50	825	325
500	–	50	–	50	825	375
600	–	50	–	50	1000	375
700	–	50	–	50	1000	375
750	–	50	–	50	1000	375
800	–	50	–	50	1100	500
900	–	50	–	50	1100	500
1000	–	50	–	50	1100	500
1250	–	–	–	–	1100	600
1500	–	–	–	–	1100	600
1750	–	–	–	–	1100	600
2000	–	–	–	–	1100	600

THIS TABLE GIVES RECOMMENDED CONNECTOR INSTALLING TORQUES FOR COPPER AND ALUMINUM CONDUCTORS. THEY ARE FOR GUIDANCE ONLY WHERE NO TIGHTENING INFORMATION IS AVAILABLE AND SHOULD NOT BE USED TO REPLACE MANUFACTURER'S INSTRUCTIONS WHICH SHOULD ALWAYS BE FOLLOWED.

(a) CLAMPING SCREWS WITH MULTIPLE TIGHTENING MEANS; FOR EXAMPLE FOR A SLOTTED HEXAGONAL HEAD SCREW, USE THE HIGHEST TORQUE VALUE ASSOCIATED WITH THE DIFFERENT TIGHTENING MEANS.

(b) FOR VALUES OF SLOT WIDTH OR LENGTH OTHER THAN THOSE SPECIFIED, SELECT THE LARGEST TORQUE VALUE ASSOCIATED WITH CONDUCTOR SIZE.

CEC ART. 310 CONDUCTOR DERATING

NEC §310.15 (B)(2)(a) ADJUSTMENT FACTORS

(a) MORE THAN THREE CURRENT–CARRYING CONDUCTORS IN A RACEWAY OR CABLE. WHERE THE NUMBER OF CURRENT–CARRYING CONDUCTORS IN A RACEWAY OR CABLE EXCEEDS THREE, THE ALLOWABLE AMPACITIES SHALL BE REDUCED AS SHOWN IN THE FOLLOWING TABLE:

NUMBER OF CURRENT–CARRYING CONDUCTORS	PERCENT OF VALUES IN TABLES AS ADJUSTED FOR AMBIENT TEMPERATURE IF NECESSARY
4 THROUGH 6	80
7 THROUGH 9	70
10 THROUGH 20	50
21 THROUGH 30	45
31 THROUGH 40	40
41 AND ABOVE	35

WHERE SINGLE CONDUCTORS OR MULTICONDUCTOR CABLES ARE STACKED OR BUNDLED LONGER THAN 24 INCHES (610 mm) WITHOUT MAINTAINING SPACING AND ARE NOT INSTALLED IN RACEWAYS, THE ALLOWABLE AMPACITY OF EACH CONDUCTOR SHALL BE REDUCED AS SHOWN IN THE ABOVE TABLE.

EXCEPTION NO. 1: WHERE CONDUCTORS OF DIFFERENT SYSTEMS, AS PROVIDED IN SECTION 300–3, ARE INSTALLED IN A COMMON RACEWAY OR CABLE, THE DERATING FACTORS SHOWN ABOVE SHALL APPLY TO THE NUMBER OF POWER AND LIGHTING (ARTICLES 210, 215, 220, AND 230) CONDUCTORS ONLY.

EXCEPTION NO. 2: FOR CONDUCTORS INSTALLED IN CABLE TRAYS, THE PROVISIONS OF SECTION 392.11 SHALL APPLY.

EXCEPTION NO. 3: DERATING FACTORS SHALL NOT APPLY TO CONDUCTORS IN NIPPLES HAVING A LENGTH NOT EXCEEDING 24 INCHES (600mm).

EXCEPTION NO.4: DERATING FACTORS SHALL NOT APPLY TO UNDERGROUND CONDUCTORS ENTERING OR LEAVING AN OUTDOOR TRENCH IF THOSE CONDUCTORS HAVE PHYSICAL PROTECTION IN THE FORM OF RIGID METAL CONDUIT, INTERMEDIATE METAL CONDUIT, OR RIGID NONMETALLIC CONDUIT HAVING A LENGTH NOT EXCEEDING 10 FEET (3.05m) ABOVE GRADE AND THEINUMBER OF CONDUCTORS DOES NOT EXCEED FOUR.

CEC WIRE FILL TABLE 370–16

JUNCTION BOX DIMENSION, INCHES TRADE SIZE OR TYPE	MIN. CU. IN. CAP.	MAXIMUM NUMBER OF CONDUCTORS				
		NO. 14	NO. 12	NO. 10	NO. 8	NO. 6
4 x1–1/4 ROUND OR OCTAGONAL	12.5	6	5	5	5	2
4 X1–1/2 ROUND OR OCTAGONAL	15.5	7	6	6	5	3
4 X2–1/8 ROUND OR OCTAGONAL	21.5	10	9	8	7	4
4 x1–1/4 SQUARE	18.0	9	8	7	6	3
4 X1–1/2 SQUARE	21.0	10	9	8	7	4
4 X2–1/8 SQUARE	30.3	15	13	12	10	6
4–11/16 x1–1/4 SQUARE	25.5	12	11	10	8	5
4–11/16 X1–1/2 SQUARE	29.5	14	13	11	9	5
4–11/16 X2–1/8 SQUARE	42.0	21	18	16	14	8
3 x2 x1–1/2 DEVICE	7.5	3	3	3	2	1
3 x2 x2 DEVICE	10.0	5	4	4	3	2
3 x2 x2–1/4 DEVICE	10.5	5	4	4	3	2
3 x2 x2–1/2 DEVICE	12.5	6	5	5	4	2
3 x2 x2–3/4 DEVICE	14.0	7	6	5	4	2
3 x2 x3–1/2 DEVICE	18.0	9	8	7	6	3
4 X2–1/8 X1–1/2 DEVICE	10.3	5	4	4	3	2
4 X2–1/8 X1–7/8 DEVICE	13.0	6	5	5	4	2
4 X2–1/8 X2–1/8 DEVICE	14.5	7	6	5	4	2
3–3/4 X2 X2–1/2 MASONRY BOX / GANG	14.0	7	6	5	4	2
3–3/4 X2 X3–1/2 MASONRY BOX / GANG	21.0	10	9	8	7	4
FS – MINIMUM INTERNAL DEPTH 1–3/4 SINGLE COVER / GANG	13.5	6	6	5	4	2
FD – MINIMUM INTERNAL DEPTH 2–3/8 SINGLE COVER / GANG	18.0	9	8	7	6	3
FS – MINIMUM INTERNAL DEPTH 1–3/4 MULTIPLE COVER / GANG	18.0	9	8	7	6	3
FD – MINIMUM INTERNAL DEPTH 2–3/8 MULTIPLE COVER / GANG	24.0	12	10	9	8	4

GENERAL ELECTRICAL NOTES

SCOPE:
THE DRAWINGS AND THESE GENERAL NOTES DESCRIBE THE SCOPE OF WORK AND SYSTEMS. THE MATERIAL REQUIRED FOR THE WORK SHALL BE CONTRACTOR FURNISHED AND CONTRACTOR INSTALLED, UNLESS SPECIFICALLY NOTED OTHERWISE. THE WORK INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING PRINCIPAL SYSTEMS AND EQUIPMENT.

PERMITS AND CHARGES:
OBTAIN AND PAY FOR ALL NECESSARY CONSTRUCTION PERMITS, INSPECTION FEES, AND OTHER CHARGES BY AGENCIES HAVING JURISDICTION.

REGULATIONS AND CODES:
PROVIDE AND INSTALL ALL MATERIALS IN CONFORMANCE WITH THE NATIONAL ELECTRICAL CODE, CALIFORNIA ADMINISTRATIVE CODE TITLE 8, AND OTHER CODES AND REGULATIONS HAVING JURISDICTION. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE REQUIREMENTS OF THE INSPECTING AUTHORITY AND MANUFACTURERS RECOMMENDATIONS.

VERIFYING EXISTING CONDITIONS:
BEFORE SUBMITTING BID, BECOME THOROUGHLY FAMILIAR WITH ACTUAL EXISTING CONDITIONS AT THE BUILDING SITE. THE INTENT OF THE WORK IS SHOWN ON THE DRAWINGS AND DESCRIBED HEREINAFTER. BY THE ACT OF SUBMITTING A BID PROPOSAL FOR THE WORK, THE CONTRACTOR SHALL BE DEEMED TO HAVE MADE SUCH STUDY AND EXAMINATION AND TO ACCEPT ALL CONDITIONS PRESENT AT THE SITE. NO REQUEST FOR ADDITIONAL PAYMENT WILL BE CONSIDERED AS VALID, DUE TO FAILURE TO ALLOW FOR CONDITIONS WHICH MAY EXIST.

COORDINATION:
COORDINATE ALL WORK WITH OTHER TRADES. OBTAIN ALL DRAWINGS THAT WILL REQUIRE COORDINATION AND PROVIDE ALL ELECTRICAL CONNECTIONS REQUIRED WHETHER SHOWN ON ELECTRICAL DRAWINGS OR NOT. ELECTRICAL EQUIPMENT LOCATIONS INDICATED ARE SHOWN DIAGRAMMATICALLY; EXACT LOCATION SHALL BE VERIFIED.

SERVICE CONTINUITY:
UNINTERRUPTED EXISTING ELECTRICAL POWER SHALL BE MAINTAINED TO OTHER TRADES FOR TEMPORARY POWER AREAS OF THE SITE DURING CONSTRUCTION. PROVIDE ANY TEMPORARY SERVICES AS MAY BE REQUIRED, IDENTIFY AT BID TIME. ALL WORK TO BE DONE ON PREMIUM TIME AND THE TOTAL OVERTIME MAN–HOURS REQUIRED FOR COMPLETION.

AS BUILT:
PROVIDE "RECORD DRAWINGS TO THE OWNER WITH ALL CHANGES NOTED THEREON AT THE COMPLETION OF THE PROJECT. RECORD DRAWINGS SHALL BE SIGNED AND DATED BY CONTRACTOR PRIOR TO RELEASE OF FINAL RETENTION OF ALL MONIES.

MARK PROJECT RECORD DOCUMENTS DAILY TO INDICATE ALL CHANGES MADE IN THE FIELD.

A.) IN ADDITION TO GENERAL REQUIREMENTS OF PROJECT RECORD DRAWINGS, INDICATE ON DRAWINGS, CHANGES OF EQUIPMENT LOCATIONS AND RATINGS; TRIP SIZES, AND SETTINGS ON CIRCUIT BREAKERS, ALTERATIONS IN RACEWAY RUNS AND SIZES, CHANGES IN WIRE SIZES, CIRCUIT DESIGNATIONS, INSTALLATION DETAILS, ONE–LINE DIAGRAMS, CONTROL DIAGRAMS AND SCHEDULES.

USE GREEN TO INDICATE DELETIONS AND RED TO INDICATE ADDITIONS.
A.) USE THE SAME SYMBOLS AND FOLLOW THE SAME DRAFTING PROCEDURES USED ON THE CONTRACT DRAWINGS.

LOCATE UNDERGROUND CONDUIT STUBBED–OUT FOR FUTURE USE, UNDERGROUND FEEDER CONDUITS, AND FEEDER PULL BOX LOCATIONS USING BUILDING LINES BY INDICATING ON THE PROJECT RECORD DRAWINGS.

AT THE COMPLETION OF UNDERGROUND CONDUIT INSTALLATION, PROVIDE UNDERGROUND CONDUIT RECORD DOCUMENTS TO OWNER'S REPRESENTATIVE.

TWO COPIES, IN BINDER FORM, OF ALL TEST RESULTS AS REQUIRED BY THESE DOCUMENTS.

TWO COPIES OF LOCAL AND/OR STATE CODE ENFORCING AUTHORITIES FINAL INSPECTION CERTIFICATES.

FIRE ALARM SYSTEM RECORDS AND TESTING REPORTS AS OUTLINED IN NFPA 72, CHAPTER 10.

TWO COPIES, IN BINDER FORM, OF ELECTRICAL EQUIPMENT CUT SHEETS, MANUFACTURER'S INSTALLATION INSTRUCTIONS, WARRANTY CERTIFICATES, AND PRODUCT LITERATURE FOR ALL PRODUCTS UTILIZED ON PROJECT.

GUARANTEE:
CONTRACTOR SHALL UNCONDITIONALLY GUARANTEE ALL LABOR AND MATERIALS ON ALL WORK AGAINST DEFECTS IN WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE YEAR.

SHOP DRAWINGS:
SUBMIT SHOP DRAWINGS AND MATERIAL LIST FOR REVIEW PRIOR TO COMMENCING ANY WORK. ALL EQUIPMENT TO BEAR U.L. LABEL OR THAT OF ANOTHER ACCEPTED TESTING LABORATORY. SHOP DRAWINGS SHALL BE STAMPED BY THE CONTRACTOR FOR CONFORMANCE PRIOR TO SUBMITTAL.
SUBMIT SIX SETS OF SHOP DRAWINGS FOR REVIEW PRIOR TO PURCHASING ALL BREAKER MOUNTING HARDWARE, DISCONNECT SWITCHES, FUSES, CONTROLLERS, LIGHTING FIXTURES, LIGHT SWITCHES, RECEPTACLES, ETC.

CONTRACTOR BID:
CONTRACTOR'S BID SHALL BE BASED ON ALL WORK SHOWN ON THE PLANS AND AS SPECIFIED. IF CONTRACTOR PROPOSES TO SUBSTITUTE FOR EQUIPMENT SPECIFIED, HE SHALL SUBMIT HIS REQUEST FOR CONSIDERATION OF THE OWNER AND ENGINEER PRIOR TO BID IN WRITING. ALL SUBSTITUTIONS SHALL BE REVIEWED BY THE ENGINEER IN WRITING. SUCH REVIEW SHALL NOT RELIEVE THE CONTRACTOR FROM COMPLYING WITH THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS, AND THE CONTRACTOR SHALL BE RESPONSIBLE AT HIS/HER OWN EXPENSE FOR ANY CHARGES RESULTING FROM HIS PROPOSED SUBSTITUTIONS WHICH AFFECT OTHER PARTS OF HIS/HER OWN WORK, THE OWNER, ENGINEER OF RECORD OR THE WORK OF OTHER CONTRACTORS.

MATERIAL AND INSTALLATION:
ALL MATERIALS SHALL BE NEW AND LISTED BY UNDERWRITERS LABORATORY (U.L.).
ALL WORK AND MATERIAL SHALL CONFORM TO THE LATEST RULES OF THE GOVERNING ELECTRICAL CODE AND INSTALLATION SHALL BE OF THE LATEST INDUSTRY STANDARDS OF WORKMANSHIP.

CONDUITS:
CONDUIT SHALL BE EMT, PVC, IMC, RIGID OR FLEXIBLE STEEL TYPE. CONDUIT SHALL BE MANUFACTURED IN ACCORDANCE WITH UL–1. A GROUND WIRE IS REQUIRED IN ALL FLEXIBLE CONDUIT AND UNDERGROUND CONDUIT. BUSHINGS SHALL BE INSTALLED ON ALL COMMUNICATION, TELEPHONE & SPEAKER CONDUITS. PROVIDE 2/16" NYLON PULL STRING IN ALL EMPTY CONDUITS. NO MC, BX, OR AC90 SHALL BE PERMITTED.

SWITCHES AND RECEPTACLES:
PROVIDE 20 AMP NEMA RATED SWITCHES AND RECEPTACLES OF SPECIFICATION GRADE. ALL SWITCHES SHALL BE RATED 120 AND/OR 277 VOLT AND RECEPTACLES SHALL BE NEMA 5–20R. IN ALL OFFICES AND OFFICE AREAS, DEVICES SHALL BE DECORA TYPE WITH COLOR SELECTION BY CONTRACTOR/OWNERS REPRESENTATIVE.

FEEDERS AND BRANCH CIRCUITS IDENTIFICATION:
IDENTIFY FEEDERS WITH THE CORRESPONDING CIRCUIT DESIGNATION AT THE OVER–CURRENT DEVICE, LOAD END, AND IN PULL BOXES WITH E–Z CODE OR OTHER APPROVED WIRE MARKER. IDENTIFY BRANCH CIRCUITS WITH I.D. MARKERS, THE CORRESPONDING CIRCUIT DESIGNATION AT THE OVER–CURRENT DEVICE, AT ALL SPLICES, IN JUNCTION BOXES, AND IN PULL BOXES WITH PLASTIC COATED SELF–STICKING MARKERS SUCH AS THOMAS & BETTS E–Z CODE FOR IDENTIFICATION OF CONDUCTORS. IDENTIFY SIGNAL & COMMUNICATION CABLES AT TERMINAL AND OUTLET.

CONDUCTORS:
DELIVER ALL CONDUCTORS TO THE JOB SITE IN ORIGINAL UNBROKEN CARTON OR REEL, PROPERLY TAGGED WITH U.L. LABEL, SIZE, TYPE, MANUFACTURER, TRADE NAME AND THE DATE OF MANUFACTURE. CONDUCTORS MUST BE MANUFACTURED WITHIN 6 MONTHS. PROVIDE COPPER CONDUCTORS #12 AWG MINIMUM UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DRAWINGS. PROVIDE STRANDED COPPER CONDUCTORS FOR ALL WIRING. USE CONDUCTORS WITH THHN/THWN 600 VOLTS INSULATION, UNLESS OTHERWISE NOTED.

LIGHTING FIXTURES:
PROVIDE LIGHTING FIXTURES WITH ELECTRONIC BALLASTS PER LIGHT FIXTURE SCHEDULE.
PROVIDE WITH LAMPS BY G.E., PHILLIPS, OR SYLVANIA AS STATED IN THE LIGHT FIXTURE SCHEDULE.

PANELBOARDS:
DISTRIBUTION AND LIGHTING PANELBOARDS WITHIN PROJECT AREA SHALL BE OF THE COPPER BUS THREE PHASE, FOUR WIRE DISTRIBUTED PHASING TYPE. CIRCUITING SHALL BE ARRANGED TO PROVIDE, AS NEARLY AS POSSIBLE, AN EVENLY BALANCED LOAD ON ALL PHASES.
PANELBOARDS SHALL BE BOLT–ON CIRCUIT BREAKER TYPE. AVAILABLE FAULT CURRENT IS STATED ON PANELBOARD SCHEDULE. PROVIDE PANEL IDENTIFICATION NAMEPLATE (ENGRAVED ON –ADHESIVE 1/2" MINIMUM LETTERS) AND TYPEWRITTEN LIST OF CIRCUITS IN THE DIRECTORY FRAME.

STRUCTURAL SUPPORT:
EACH SECTION OF FLOOR MOUNTED SWITCHBOARD, DISTRIBUTION BOARD, MCC, ETC. SHALL BE BOLTED TO THE CONCRETE HOUSEKEEPING PAD USING (6) 3/4"–10 GRADE 2 BOLTS AND CONICAL WASHERS TORQUED TO 70LB–FT. PROVIDE MINIMUM 4000 PSI STRENGTH CONCRETE BELOW ALL FLOOR MOUNTED ELECTRICAL EQUIPMENT. TIE THE TOP OF ALL FLOOR MOUNTED ELECTRICAL EQUIPMENT TO THE BUILDING STRUCTURE IN A SEISMICALLY APPROVED MANNER.

DEMOLITION:
NOTIFY THE OWNER IMMEDIATELY WHEREVER EXISTING EQUIPMENT IS ENCOUNTERED WHICH MUST BE RELOCATED DUE TO THE NEW CONSTRUCTION, AND WHICH IS NOT INDICATED ON THE PLANS.

1.) ALL REMOVED MATERIALS AND EQUIPMENT WHICH ARE SALVAGEABLE SHALL REMAIN THE PROPERTY OF THE OWNER. DELIVER SUCH SALVAGED MATERIALS AND EQUIPMENT ON THE PREMISES AS DIRECTED BY THE OWNER, AND NEATLY PILE OR STORE THEM AND PROTECT FROM DAMAGE. REMOVE FROM PREMISES AND DISPOSE OF ALL MATERIALS CONSIDERED BY THE OWNER TO BE SCRAP.

2.) ALL DEVICES, CIRCUIT CONDUCTORS, FEEDERS, ETC., WHEN NOTED TO BE REMOVED, SHALL BE REMOVED TO THE LAST ACTIVE DEVICE. ALL OVER–CURRENT PROTECTION AND DISCONNECT DEVICES NO LONGER UTILIZED BUT REMAINING AS LAST ACTIVE DEVICE SHALL BE LABELED AS "SPARE". COORDINATE ALL OUTAGES WITH OWNER'S REPRESENTATIVE.

EXECUTION:
CAREFULLY PROTECT ALL WALLS, TRIM, FLOORS, EQUIPMENT UTILITY LINES AND MATERIALS. WHEN WORKING ON FINISHED SURFACES, LIMIT DAMAGE TO THE CONFINES AS MUCH AS POSSIBLE AND RESTORE TO THE ORIGINAL CONDITION ALL SURFACES WHICH ARE DAMAGED BECAUSE OF THE INSTALLATION OF THE WORK UNDER THIS CONTRACT.

1.) EQUIPMENT, MATERIALS AND SUPPLIES REMOVED FOR PROTECTION SHALL BE REPLACED IN ORIGINAL LOCATIONS. ANY MATERIALS DAMAGED SHALL BE REPLACED WITH NEW MATERIALS OF LIKE KIND AND QUALITY.

2.) DO ALL DRILLING, CUTTING, CHANNELING AND PATCHING REQUIRED TO INSTALL ELECTRICAL WORK AS INDICATED OR HEREIN SPECIFIED. ALL HOLES, CURBS, ETC., IN FLOORS, CEILINGS AND WALLS SHALL BE PATCHED, UNLESS INDICATED OTHERWISE. PAINT ALL NEW ELECTRICAL RACEWAYS, CABINETS, ENCLOSURES, AND FITTINGS PENETRATING INTO FIRE RATED ENVELOPES, SPACES, ETC.

3.) ALL CONDUIT RUNS SHALL BE CONCEALED, UNLESS SHOWN OTHERWISE. PROVIDE A PULL WIRE IN ALL EMPTY CONDUITS.

4.) EXISTING CONDITION SHOWN IS FROM AVAILABLE RECORD DRAWINGS AND VISUAL FIELD SURVEY AND IS SHOWN FOR REFERENCE ONLY; CONTRACTOR SHALL VERIFY ACTUAL EXISTING CONDITION AT SITE.

5.) ALL WORK SHOWN IS NEW UNLESS SPECIFICALLY INDICATED AS EXISTING (X). ALL ELECTRICAL EQUIPMENT MOUNTING AND ANCHORAGE MUST CONFORM WITH LOCAL AND STATE SEISMIC CODES.

TELEPHONE SYSTEMS:
PROVIDE RACEWAYS AND ALL MATERIAL INCLUDING PULLING CABLE IN EACH RACEWAY AS REQUIRED FOR THE TELEPHONE SYSTEM PER THE SERVING TELEPHONE COMPANY REQUIREMENTS.

GROUNDING AND BONDING:
FURNISH AND INSTALL COMPLETE BONDING AND GROUNDING SYSTEM AS REQUIRED BY CODES. CONTINUITY OF GROUNDING SHALL BE MAINTAINED MECHANICALLY AND ELECTRICALLY THROUGHOUT THE SYSTEM. A GREEN GROUNDING CODE SIZED CONDUCTOR SHALL BE CARRIED THROUGH IN ALL CONDUITS.

INSTALLATION:
IT IS THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS THAT A COMPLETE AND WORKABLE ELECTRICAL INSTALLATION BE PROVIDED FOR ALL THE EQUIPMENT DESCRIBED OR SHOWN AS BEING IN THIS CONTRACT. TOWARD THIS END FURNISH ALL LABOR AND TOOLS NECESSARY AND FURNISH AND INSTALL ALL APPARATUS, MATERIALS AND EQUIPMENT IN A FINISH COMPLYING WITH ALL APPLICABLE CODES, INCLUDING ITEMS REQUIRED BUT NOT NORMALLY SHOWN, SUCH AS LAMPS, COUPLINGS, HANGERS, BRACKETS, CLAMPS, BOXES, CONNECTORS, AND HARDWARE. REFER ALSO TO WRITTEN SPECIFICATIONS FOR GENERAL, MECHANICAL AND ELECTRICAL SECTIONS.

1.) PROCURE ALL PERMITS FROM LEGALLY CONSTITUTED AUTHORITIES, ARRANGE FOR ALL INSPECTIONS AND PAY ALL COSTS FOR FEES AND TESTS IN CONNECTION THEREWITH. COMPLY WITH CODES: NOTHING IN THESE DRAWINGS AUTHORIZES DEVIATION FROM APPLICABLE CODES.

2.) DETERMINE EXACT ROUTING OF CONCEALED FEEDERS AND BRANCH CIRCUIT HOMERUNS IN COOPERATION WITH OTHER TRADES TO SIMPLIFY INSTALLATION WHEREVER POSSIBLE BUT SUBJECT TO APPROVAL OF ARCHITECT FOR VISUAL AND STRUCTURAL REASONS.

3.) PROVIDE A CODE APPROVED DISCONNECT SWITCH OR CIRCUIT BREAKER WITHIN SIGHT OF EVERY MOTOR AND FEED MOTORS NOT EQUIPPED WITH "BUILT IN" PROTECTION THROUGH A MAGNETIC OR MANUAL STARTER WITH OVERLOAD HEATERS SIZED TO COMPLY WITH MOTOR MANUFACTURER'S RECOMMENDATIONS AND APPLICABLE CODES.

4.) FOR CONNECTIONS TO EXHAUST FANS, PUMPS, COMPRESSORS, SPACE HEATERS, WATER HEATERS, AQUASTATS, SOLENOID VALVES, AND OTHER MECHANICAL EQUIPMENT AND FOR CONDUITS AND WIRE REQUIRED BUT NOT NECESSARILY SHOWN ON THESE DRAWINGS, REFER TO MECHANICAL PLANS AND DETERMINE EXACT LOCATIONS UNDER DIRECTION OF HEATING AND VENTILATING CONTRACTOR.

5.) DO NOT RUN ANY CONDUIT IN SLAB IF ITS OUTSIDE DIAMETER EXCEEDS 1/3 THE THICKNESS OF THE SLAB. LOCATE CONDUITS WITHIN THE MIDDLE OF THE SLAB. WHERE CONDUITS ARE GROUPED IN PARALLEL RUNS, SPACE THEM 3" OR MORE APART. WHERE CONDUITS CROSS EACH OTHER, THICKEN THE SLAB PROPORTIONATELY OVER A HORIZONTAL AREA EQUAL TO TEN TIMES THE DIAMETER OF THE LARGEST CONDUIT. REFER ALSO TO DETAILS SHOWN.

6.) FOR CIRCUITS FED THROUGH FLUORESCENT FIXTURE CHANNELS AND FEEDS TO RECESSED INCANDESCENT FIXTURES USE INSULATED WIRE OF 105 DEGREES CELSIUS RATING.

7.) SIZE OUTLET BOXES IN CONFORMITY WITH CODE FOR NUMBER AND GUAGE OF CONDUCTORS THEREIN, EXCEPT WHERE NOTED TO BE LARGER, MINIMUM BOX SIZE SHALL BE 4" SQUARE BY 1–1/2" DEEP.

8.) EXAMINE PLANS TO DISCERN CEILINGS WITH A FIRE RATING OF ONE HOUR OR MORE. PROVIDE A ONE HOUR FIRE–RATED ENCLOSURE OVER EACH LIGHT FIXTURE RECESSED THEREIN.

9.) ALL ELECTRICAL WORK SHALL BE INSTALLED SO AS TO BE READILY ACCESSIBLE FOR OPERATING, SERVICING, MAINTAINING AND REPAIRING. ALL CONDUIT SHALL BE CONCEALED WHERE POSSIBLE. EXPOSED CONDUIT SHALL BE IN STRAIGHT LINES PARALLEL WITH, OR AT RIGHT ANGLES TO, COLUMN LINES OR BEAMS AND SEPARATED BY AT LEAST THREE (3) INCHES FROM WATER LINES WHENEVER THEY RUN ALONG FROM OR ACROSS SUCH LINES. CONDUIT SHALL NOT BE RUN BELOW CABLE TRAYS OR LIGHT FIXTURES WITHOUT SPECIFIC APPROVAL OF THE OWNER'S REPRESENTATIVE. HANGERS SHALL BE FASTENED TO STEEL, CONCRETE OR MASONRY, BUT NOT TO PIPING. HANGERS AND SUPPORT SYSTEMS ARE AN INTEGRAL PART OF THE VISUAL ENVIRONMENT. ALL HANGERS AND SUPPORTS EXPOSED TO PUBLIC VIEW MUST BE SHOWN IN DETAIL ON PLANS SUBMITTED TO LANDLORD FOR APPROVAL OF APPEARANCE. ALL HANGERS MUST BE UNIFORMLY SPACED AND NEATLY INSTALLED WITH NO EXCESS MATERIAL BEYOND WHAT IS REQUIRED FOR SUPPORT FUNCTION. CONTRACTOR SHALL SELECT ACCESSORIES AND HARDWARE WITH A SMOOTH, NEAT FINISHED APPEARANCE AND PAINT ALL EXPOSED CONDUIT HANGERS TO MATCH THE ADJACENT FINISHES.

10.) ALL WALL SWITCHES AND RECEPTACLES SHALL BE MOUNTED BETWEEN 18" AND 48" PER A.D.A. REQUIREMENTS UNLESS OTHERWISE NOTED.

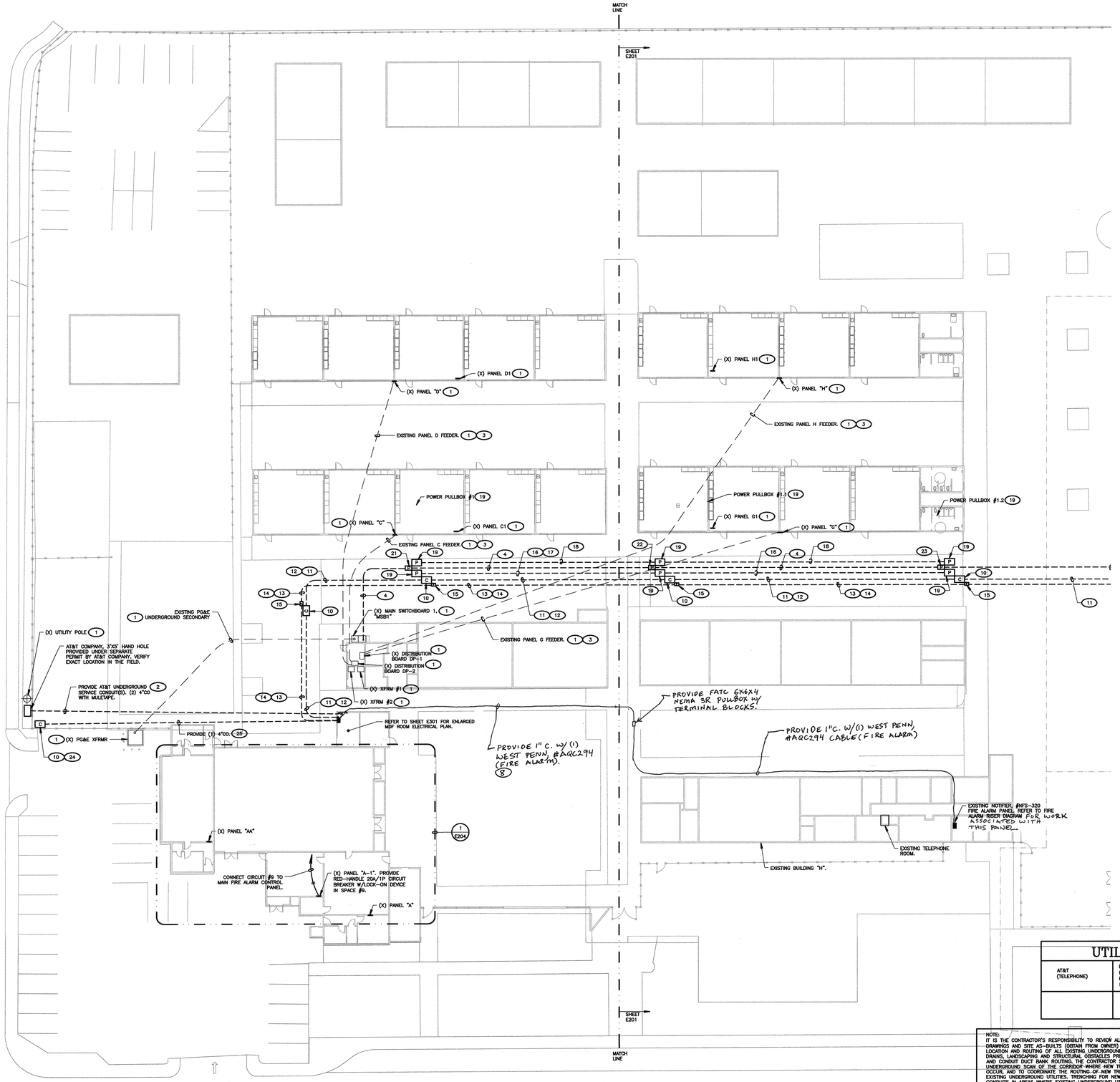
ELECTRICAL SWITCHES: CONTROLS AND SWITCHES INTENDED TO BE USED BY THE OCCUPANT OF THE ROOM OR AREA TO CONTROL LIGHTING AND RECEPTACLE OUTLETS, APPLIANCES OR COOLING, HEATING AND VENTILATING EQUIPMENT, SHALL BE LOCATED NO MORE THAN 48" MEASURED FROM THE TOP OF OUTLET BOX NOR LESS THAN 15" MEASURED FROM THE BOTTOM OF THE OUTLET BOX TO THE LEVEL OF THE FINISHED FLOOR OR WORKING PLATFORM.

ELECTRICAL RECEPTACLE OUTLETS: ELECTRICAL RECEPTACLE OUTLETS ON BRANCH CIRCUITS OF 30 AMPERES OR LESS AND COMMUNICATION SYSTEM RECEPTACLES, SHALL BE LOCATED NO MORE THAN 48" MEASURED FROM THE TOP OF THE RECEPTACLE OUTLET BOX OR RECEPTACLE HOUSING NOR LESS THAN 15" MEASURED FROM THE BOTTOM OF THE RECEPTACLE OUTLET BOX OR RECEPTACLE HOUSING TO THE LEVEL OF THE FINISHED FLOOR OR WORKING PLATFORM.

11.) ALL DISTRIBUTION BOARDS, SWITCHBOARDS AND TRANSFORMERS THAT ARE FLOOR MOUNTED SHALL BE MOUNTED ON 4" THICK HOUSEKEEPING PAD. TRANSFORMER SHALL BE ON VIBRATION ISOLATION PADS AND CONNECTED WITH FLEXIBLE CONDUIT.

12.) CONTRACTOR SHALL EXAMINE PLANS AND VERIFY IN FIELD LOCATIONS OF ALL FIRE RATED WALLS, CEILINGS AND FLOORS. CONTRACTOR SHALL SEAL ALL ELECTRICAL SYSTEM PENETRATIONS THROUGH FIRE RATED WALLS, CEILINGS AND FLOORS WITH U.L. LISTED MATERIAL APPROVED BY THE AUTHORITY HAVING JURISDICTION.

13.) SURFACE MOUNTED RACEWAY COMPLETENESS: CONTRACTO



1 PARTIAL SITE ELECTRICAL PLAN (WEST)
SCALE: 1" = 20'-0"

SHEET NOTES

1. CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT AT 811 TO LOCATE UNDERGROUND UTILITIES AT LEAST 2 WORKING DAYS PRIOR TO DIGGING. CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF EXISTING IMPROVEMENTS PRIOR TO START OF CONSTRUCTION.

2. VERIFY LOCATION OF ALL BUILDINGS AND APPENDITURES ON ARCHITECTURAL AND CIVIL PLANS.

3. FIELD VERIFY LOCATION ON ALL UNDERGROUND UTILITIES PRIOR TO TRENCHING, SCHEDULE AND COORDINATE ALL SITE WORK WITH OWNER PRIOR TO ANY TRENCHING.

4. CONTRACTOR SHALL VERIFY LOCATION & REQUIREMENTS OF ALL DEVICES/EQUIPMENT REQUIRING ELECTRICAL CONNECTION PRIOR TO BID PROPOSAL, ROUGH-IN, AND FINISH.

5. CONTRACTOR SHALL, IN ROUTING ALL CIRCUITS, INCREASE CONDUCTOR & CONDUIT SIZE TO ALLOW FOR VOLTAGE DROOP SHOULD THE CONTRACTOR EXCEED ROUTING INDICATED ON DRAWINGS, ENGINEER OF RECORD MUST BE NOTIFIED PRIOR TO ANY DEVIATIONS FROM APPROVED PLAN CHECK (PERMIT SET) DRAWINGS.

6. ALL 90 DEGREE CONDUIT BENDS AND RISERS SHALL BE PVC COATED RIGID STEEL.

7. CONTRACTOR SHALL COORDINATE AND PROVIDE ALL SITE ELECTRICAL SERVICE REQUIREMENTS WITH SERVING UTILITY.

8. ALL SERVICE ENTRANCE EQUIPMENT SHOP DRAWINGS SHALL BE SUBMITTED TO THE LOCAL UTILITY COMPANY FOR APPROVAL, WITH WRITTEN APPROVAL RECEIVED PRIOR TO SUBMISSION TO ELECTRICAL ENGINEER FOR APPROVAL.

9. VERIFY LOCATION OF ALL EQUIPMENT ON ARCHITECTURAL AND CIVIL PLANS.

10. MINIMUM CONDUIT BURIAL DEPTH IS 24", 36" MINIMUM BELOW STREETS AND PARKING LOTS. FOR 0-600 VOLT SYSTEMS.

11. PROVIDE CODE SIZED EQUIPMENT GROUNDING CONDUCTORS IN ALL OCCUPIED CONDUITS.

12. 1" CONDUIT MINIMUM UNDERGROUND.

13. COORDINATE WORK WITH OTHER TRADES. OBTAIN ALL DRAWINGS THAT WILL REQUIRE COORDINATION AND PROVIDE ALL ELECTRICAL CONNECTIONS, DEVICES, AND WIRING REQUIRED. WHETHER SHOWN ON THE ELECTRICAL DRAWINGS OR NOT.

14. CONTRACTOR SHALL FURNISH AND INSTALL PULL BOXES AS REQUIRED TO INSTALL CONDUCTORS PER CONDUCTOR MANUFACTURERS RECOMMENDATIONS, PER THE NATIONAL ELECTRICAL CODE, AND PER LOCAL AUTHORITIES HAVING JURISDICTION.

15. FIELD CONDITIONS GOVERN DEMOLITION AND NEW CONSTRUCTION. CONTRACTOR SHALL VERIFY ACTUAL CONDITIONS PRIOR TO START OF WORK. THE ARCHITECT/ENGINEER SHALL BE NOTIFIED OF POSSIBLE FIELD PROBLEMS PRIOR TO DEMOLITION. CONTRACTOR SHALL NOTIFY DISTRICT REPRESENTATIVE OF WORK BEING PERFORMED. COORDINATE WITH DISTRICT REPRESENTATIVE.

16. ALL EMPTY CONDUITS SHALL BE PROVIDED WITH DIMENSIONED NYLON PULL STRING.

17. CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO ANY EXCAVATION OR TRENCHING. CONTRACTOR SHALL PROTECT ALL EXISTING/REMAINING UTILITIES IN PLACE. CONTRACTOR, AT HIS SOLE EXPENSE, SHALL REPAIR ANY UTILITY SYSTEMS DAMAGED DURING CONSTRUCTION.

18. VERIFY AND PROVIDE ALL UTILITY SYSTEMS PER SERVING UTILITY STANDARD REQUIREMENTS.

19. CONTRACTOR SHALL PROVIDE CONCRETE ENCASEMENT AT ALL VERIZON COMPANY CONDUIT BENDS PER VERIZON COMPANY REQUIREMENTS.

KEY NOTES

(NOTE: THESE NOTES MAY NOT APPEAR ON ALL SHEETS)

1. PROTECT IN PLACE.
2. VERIFY & PROVIDE PER UTILITY COMPANY REQUIREMENTS.
3. SHOWN DIAGRAMATIC. EXACT ROUTING IS UNKNOWN.
4. REFER TO PROPOSED SINGLE LINE DIAGRAM FOR FEEDER INFORMATION.
5. REFER TO PROPOSED SINGLE LINE DIAGRAM.
6. PROVIDE 10"X17" TRAFFIC RATED PULLBOX, WITH STEEL CHECKER PLATE COVER ENGRAVED WITH "FIRE ALARM", @10178OX, WITH @10170-51JH COVER BY, CHRISTY CONCRETE.
7. PROVIDE 17"X30" TRAFFIC RATED PULLBOX W/STEEL CHECKERED PLATE COVER ENGRAVED WITH "COMMUNICATION", @17308OX WITH @17308-51JH COVER. BY, CHRISTY CONCRETE.
8. ROUTE ON TOP OF COVERED WALKWAY.
9. ROUTE ALONG SIDE EXISTING BANK OF CONDUITS.
10. PROVIDE 24"X36" TRAFFIC RATED PULLBOX W/STEEL CHECKERED PLATE COVER ENGRAVED WITH "COMMUNICATION", @24368OX WITH @24368-51JH COVER. BY, CHRISTY CONCRETE.
11. PROVIDE 3"C. W/(6) 12 STRAND MULTIMODE FIBER & (5) 12-PAIR 24 AWG. PROVIDE 3" CO (SPARE).
12. PROVIDE (3) 3"CO (SPARE) COMMUNICATIONS.
13. PROVIDE 2"C. W/(5) WEST PENN, #AQC294 CABLES (2)1A, 2 FOR ANNUNCIATOR) & (1)AQC295 CABLE(1A) & (1)AQ227 (POWER ANNUNCIATOR).
14. PROVIDE (4) 2"CO (SPARE) FIRE ALARM.
15. PROVIDE 17"X30" TRAFFIC RATED PULLBOX W/STEEL CHECKERED PLATE COVER ENGRAVED WITH "FIRE ALARM", @17308OX WITH @17308-51JH COVER. BY, CHRISTY CONCRETE.
16. PROVIDE (4) 3"CO (SPARE FOR FUTURE K1,K2,K3, & K4).
17. PROVIDE (4) 2"CO (SPARE FOR (4) CLASSROOM BLDG. ROOF PANELS.
18. PROVIDE (6) 3"CO (SPARE FOR FUTURE 21 CLASSROOMS.
19. PROVIDE 30"X48" TRAFFIC RATED PULLBOX W/STEEL CHECKERED PLATE COVER ENGRAVED WITH "ELECTRIC". @30486OX WITH @30348-51JH COVER. BY, CHRISTY CONCRETE.
20. PROVIDE (2) 2"CO (SPARE) FIRE ALARM.
21. POWER PULLBOX #1. REFER TO PROPOSED SINGLE LINE DIAGRAM FOR SPECIFICATION.
22. POWER PULLBOX #1.1. REFER TO PROPOSED SINGLE LINE DIAGRAM FOR SPECIFICATION.
23. POWER PULLBOX #1.2. REFER TO PROPOSED SINGLE LINE DIAGRAM FOR SPECIFICATION.
24. COORDINATE EXACT LOCATION WITH BCSD PRIOR TO ROUGH-IN.
25. STUB-UP AT MAIN TELEPHONE BACKBOARD LOCATION.

UTILITY CONTACTS

AT&T (TELEPHONE)	DALE YOUNGBLOOD (661) 546-8252 (OFFICE) (661) 330-4274 (CELL) DY2452@ATT.COM (E-MAIL)

NOTE:
IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL CIVIL ENGINEERING DRAWINGS AND SITE AS-BUILTS (OBTAIN FROM OWNER) TO IDENTIFY THE LOCATION AND ROUTING OF ALL EXISTING UNDERGROUND UTILITIES, METERS, DRAINS, LANDSCAPING AND STRUCTURAL OBSTACLES PRIOR TO TRENCHING AND CONDUIT DUCT BANK ROUTING. THE CONTRACTOR SHALL CONDUCT AN UNDERGROUND SCAN OF THE CORRIDOR WHERE NEW TRENCHING SHALL OCCUR, AND TO COORDINATE THE ROUTING OF NEW TRENCHING IN AREAS OF EXISTING UNDERGROUND UTILITIES. TRENCHING FOR NEW UNDERGROUND CONDUITS IN AREAS WHERE EXISTING UNDERGROUND UTILITIES ARE PRESENT, WHETHER SHOWN ON THESE PLANS OR NOT, SHALL BE EXCAVATED BY HAND AND WITH EXTREME CAUTION SO AS NOT TO DISTURB EXISTING UTILITIES. CONTRACTOR SHALL PROMPTLY REPAIR DAMAGE TO OWNER'S SATISFACTION. UNDERGROUND POWER AND COMMUNICATION PULL BOXES WHERE SHOWN ON THE SITE PLAN TO BE RELOCATED TO A POSITION AS CLOSE AS POSSIBLE TO THE LOCATION SHOWN ON THE DRAWING. CONTRACTOR SHALL PROMPTLY NOTIFY OWNER IF ANY EXISTING UTILITY OR IRRIGATION LINE IS DAMAGED, AND SHALL PROMPTLY REPAIR DAMAGE TO OWNER'S SATISFACTION.

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BAKERSFIELD CITY SCHOOL DISTRICT

BESSIE OWENS E.S. TEMPORARY MODULAR BUILDINGS
815 POTOMAC AVE, BAKERSFIELD, CA 93307

OPSC or OSHPD PROJ. NO:	N/A
PROJECT NO:	118932
DRAWN BY:	V.Z.
CHK'D BY:	D.F.
ISSUE DATE:	8/19/2019

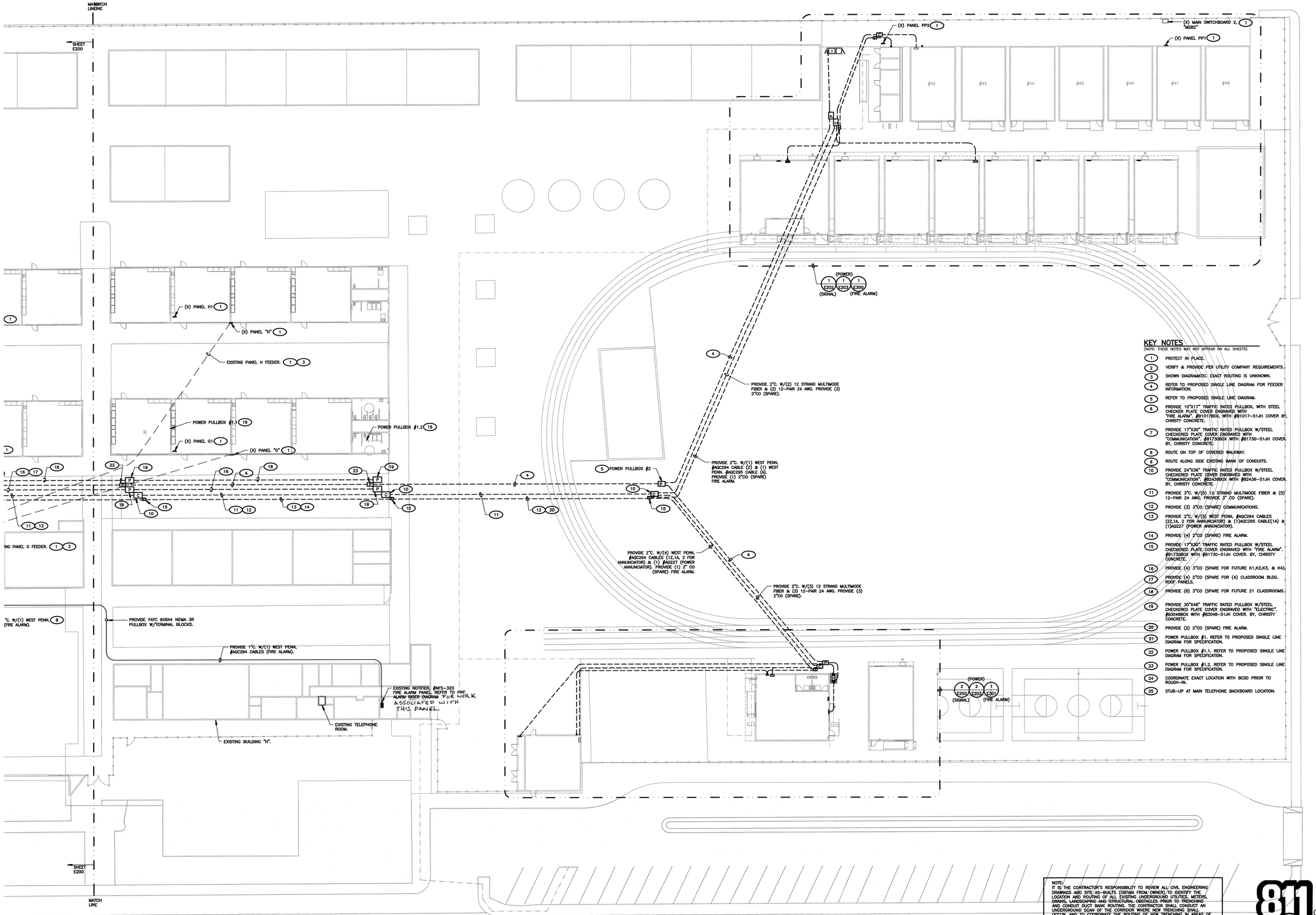
SHEET TITLE

PARTIAL SITE ELECTRICAL PLAN (WEST)

SHEET NUMBER

E200

CONSTRUCTION DOCUMENTS



1 PARTIAL SITE ELECTRICAL PLAN (EAST)
SCALE: 1" = 20'-0"

KEY NOTES

(NOTE: THESE NOTES MAY NOT APPEAR ON ALL SHEETS)

1. PROTECT IN PLACE.
2. VERIFY & PROVIDE PER UTILITY COMPANY REQUIREMENTS.
3. SHOWN DIAGRAMATIC. EXACT ROUTING IS UNKNOWN.
4. REFER TO PROPOSED SINGLE LINE DIAGRAM FOR FEEDER INFORMATION.
5. REFER TO PROPOSED SINGLE LINE DIAGRAM.
6. PROVIDE 10"X17" TRAFFIC RATED PULLBOX, WITH STEEL CHECKER PLATE COVER ENGRAVED WITH "FIRE ALARM". #B1017BOX, WITH #B1017-51JH COVER BY, CHRISTY CONCRETE.
7. PROVIDE 17"X30" TRAFFIC RATED PULLBOX W/STEEL CHECKERED PLATE COVER ENGRAVED WITH "COMMUNICATION". #B1730BOX WITH #B1730-51JH COVER. BY, CHRISTY CONCRETE.
8. ROUTE ON TOP OF COVERED WALKWAY.
9. ROUTE ALONG SIDE EXISTING BANK OF CONDUITS.
10. PROVIDE 24"X36" TRAFFIC RATED PULLBOX W/STEEL CHECKERED PLATE COVER ENGRAVED WITH "COMMUNICATION". #B2436BOX WITH #B2436-51JH COVER. BY, CHRISTY CONCRETE.
11. PROVIDE 3"C. W/(5) 12 STRAND MULTIMODE FIBER & (5) 12-PAIR 24 AWG, PROVIDE 3" CO (SPARE).
12. PROVIDE (3) 3"CO (SPARE) COMMUNICATIONS.
13. PROVIDE 2"C. W/(5) WEST PENN, #AQC294 CABLES (2,1A, 2 FOR ANNUNCIATOR) & (1)AQC295 CABLE(1A) & (1)AQ227 (POWER ANNUNCIATOR).
14. PROVIDE (4) 2"CO (SPARE) FIRE ALARM.
15. PROVIDE 17"X30" TRAFFIC RATED PULLBOX W/STEEL CHECKERED PLATE, COVER ENGRAVED WITH "FIRE ALARM". #B1730BOX WITH #B1730-51JH COVER. BY, CHRISTY CONCRETE.
16. PROVIDE (4) 3"CO (SPARE FOR FUTURE K1,K2,K3, & K4).
17. PROVIDE (4) 2"CO (SPARE FOR (4) CLASSROOM BLDG. ROOF PANELS.
18. PROVIDE (6) 3"CO (SPARE FOR FUTURE 21 CLASSROOMS.
19. PROVIDE 30"X48" TRAFFIC RATED PULLBOX W/STEEL CHECKERED PLATE COVER ENGRAVED WITH "ELECTRIC". #B3048BOX WITH #B3048-51JH COVER. BY, CHRISTY CONCRETE.
20. PROVIDE (2) 2"CO (SPARE) FIRE ALARM.
21. POWER PULLBOX #1. REFER TO PROPOSED SINGLE LINE DIAGRAM FOR SPECIFICATION.
22. POWER PULLBOX #1.1. REFER TO PROPOSED SINGLE LINE DIAGRAM FOR SPECIFICATION.
23. POWER PULLBOX #1.2. REFER TO PROPOSED SINGLE LINE DIAGRAM FOR SPECIFICATION.
24. COORDINATE EXACT LOCATION WITH BCSD PRIOR TO ROUGH-IN.
25. STUB-UP AT MAIN TELEPHONE BACKBOARD LOCATION.

NOTE:
IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL CIVIL ENGINEERING DRAWINGS AND SITE AS-BUILTS (OBTAIN FROM OWNER) TO IDENTIFY THE LOCATION AND ROUTING OF ALL EXISTING UNDERGROUND UTILITIES, METERS, DRAINS, LANDSCAPING AND STRUCTURAL OBSTACLES PRIOR TO TRENCHING AND CONDUIT DUCT BANK ROUTING. THE CONTRACTOR SHALL CONDUCT AN UNDERGROUND SCAN OF THE CORRIDOR WHERE NEW TRENCHING SHALL OCCUR, AND TO COORDINATE THE ROUTING OF NEW TRENCHING IN AREAS OF EXISTING UNDERGROUND UTILITIES. TRENCHING FOR NEW UNDERGROUND CONDUITS IN AREAS WHERE EXISTING UNDERGROUND UTILITIES ARE PRESENT, WHETHER SHOWN ON THESE PLANS OR NOT, SHALL BE EXCAVATED BY HAND AND WITH EXTREME CAUTION SO AS NOT TO DISTURB EXISTING UTILITIES. CONTRACTOR SHALL PROMPTLY REPAIR DAMAGE TO OWNER'S SATISFACTION. UNDERGROUND POWER AND COMMUNICATION PULL BOXES WHERE SHOWN ON THE SITE PLAN TO BE RELOCATED TO A POSITION AS CLOSE AS POSSIBLE TO THE LOCATION SHOWN ON THE DRAWING. CONTRACTOR SHALL PROMPTLY NOTIFY OWNER IF ANY EXISTING UTILITY OR IRRIGATION LINE IS DAMAGED, AND SHALL PROMPTLY REPAIR DAMAGE TO OWNER'S SATISFACTION.

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BAKERSFIELD CITY SCHOOL DISTRICT

BAKERSFIELD CITY SCHOOL DISTRICT — Where The Child Comes First

BESSIE OWENS E.S. TEMPORARY MODULAR BUILDINGS
815 POTOMAC AVE, BAKERSFIELD, CA 93307

OPSC or OSHPD PROJ. NO:	N/A
PROJECT NO:	118932
DRAWN BY:	V.Z.
CHK'D BY:	D.F.
ISSUE DATE:	8/19/2019

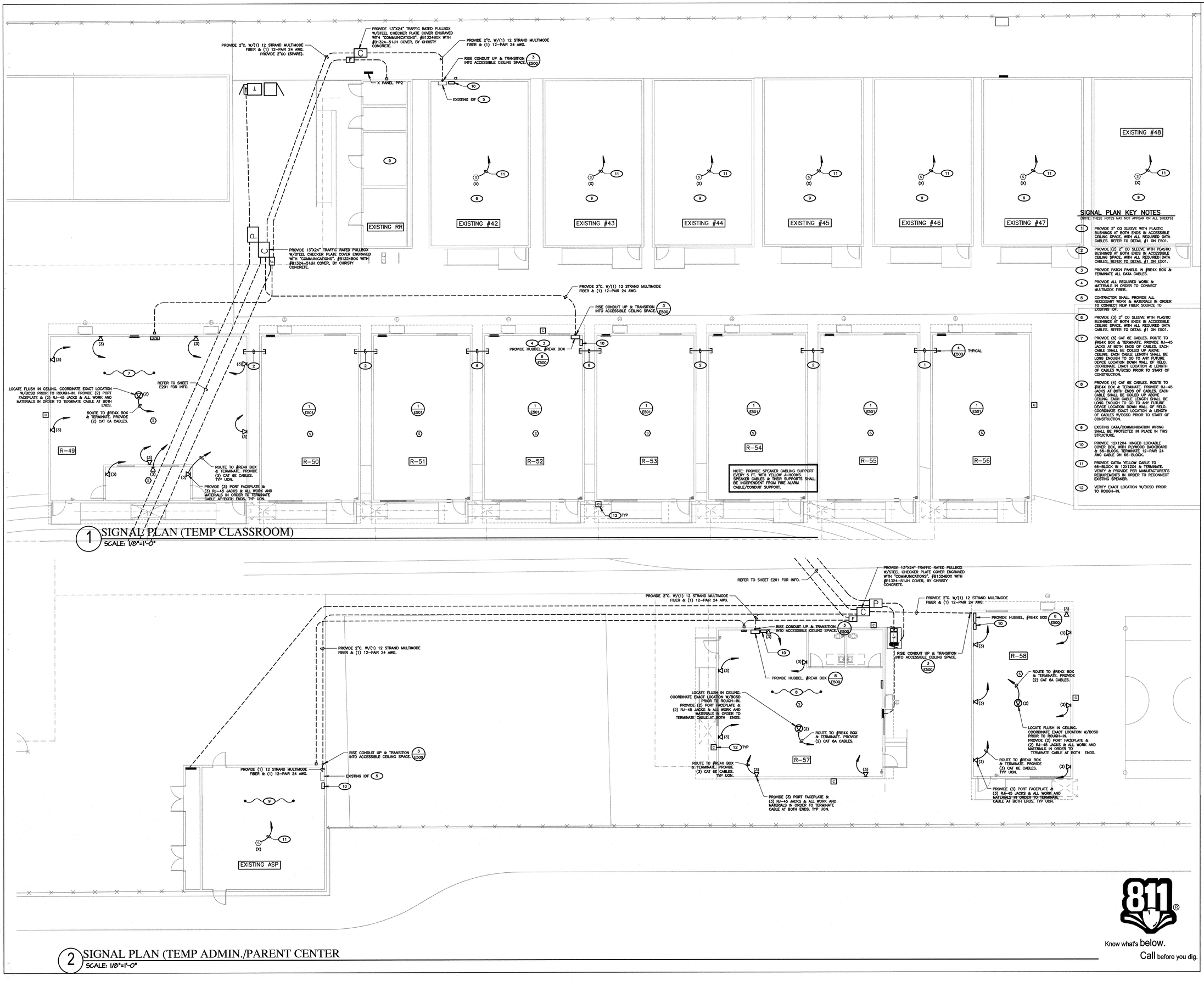
SHEET TITLE

PARTIAL SITE ELECTRICAL PLAN (EAST)

SHEET NUMBER

E201

CONSTRUCTION DOCUMENTS



1 SIGNAL PLAN (TEMP CLASSROOM)
SCALE: 1/8"=1'-0"

2 SIGNAL PLAN (TEMP ADMIN./PARENT CENTER
SCALE: 1/8"=1'-0"

SIGNAL PLAN KEY NOTES

(NOTE: THESE NOTES MAY NOT APPEAR ON ALL SHEETS)

1. PROVIDE 2" CO SLEEVE WITH PLASTIC BUSHINGS AT BOTH ENDS IN ACCESSIBLE CEILING SPACE, WITH ALL REQUIRED DATA CABLES. REFER TO DETAIL #1 ON E501.
2. PROVIDE (2) 2" CO SLEEVE WITH PLASTIC BUSHINGS AT BOTH ENDS IN ACCESSIBLE CEILING SPACE, WITH ALL REQUIRED DATA CABLES. REFER TO DETAIL #1 ON E501.
3. PROVIDE PATCH PANELS IN #RE4X BOX & TERMINATE ALL DATA CABLES.
4. PROVIDE ALL REQUIRED WORK & MATERIALS IN ORDER TO CONNECT MULTIMODE FIBER.
5. CONTRACTOR SHALL PROVIDE ALL NECESSARY WORK & MATERIALS IN ORDER TO CONNECT NEW FIBER SOURCE TO EXISTING IDF.
6. PROVIDE (3) 2" CO SLEEVE WITH PLASTIC BUSHINGS AT BOTH ENDS IN ACCESSIBLE CEILING SPACE, WITH ALL REQUIRED DATA CABLES. REFER TO DETAIL #1 ON E501.
7. PROVIDE (6) CAT 6E CABLES. ROUTE TO #RE4X BOX & TERMINATE. PROVIDE RJ-45 JACKS AT BOTH ENDS OF CABLES. EACH CABLE SHALL BE COILED UP ABOVE CEILING. EACH CABLE LENGTH SHALL BE LONG ENOUGH TO GO TO ANY FUTURE DEVICE LOCATION DOWN WALL OF RELO. COORDINATE EXACT LOCATION & LENGTH OF CABLES W/BCSD PRIOR TO START OF CONSTRUCTION.
8. PROVIDE (4) CAT 6E CABLES. ROUTE TO #RE4X BOX & TERMINATE. PROVIDE RJ-45 JACKS AT BOTH ENDS OF CABLES. EACH CABLE SHALL BE COILED UP ABOVE CEILING. EACH CABLE LENGTH SHALL BE LONG ENOUGH TO GO TO ANY FUTURE DEVICE LOCATION DOWN WALL OF RELO. COORDINATE EXACT LOCATION & LENGTH OF CABLES W/BCSD PRIOR TO START OF CONSTRUCTION.
9. EXISTING DATA/COMMUNICATION WIRING SHALL BE PROTECTED IN PLACE IN THIS STRUCTURE.
10. PROVIDE 12X12X4 HINGED LOCKABLE COVER BOX, WITH PLYWOOD BACKBOARD & 66-BLOCK. TERMINATE 12-PAIR 24 AWG CABLE ON 66-BLOCK.
11. PROVIDE CAT5e YELLOW CABLE TO 66-BLOCK IN 12X12X4 & TERMINATE. VERIFY & PROVIDE PER MANUFACTURER'S REQUIREMENTS IN ORDER TO RECONNECT EXISTING SPEAKER.
12. VERIFY EXACT LOCATION W/BCSD PRIOR TO ROUGH-IN.

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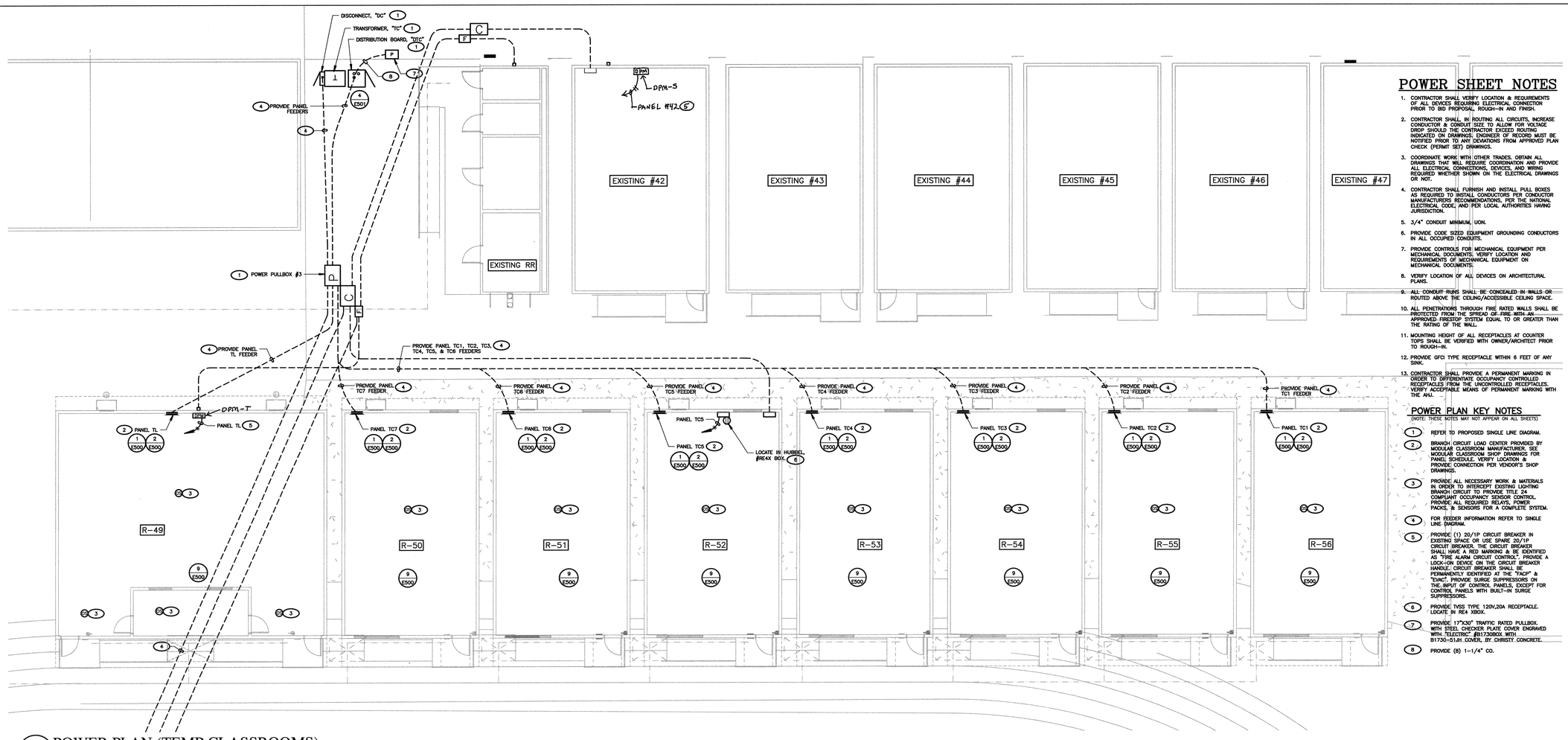
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PROJECT NO:	118932
DRAWN BY:	V.Z.
CHK'D BY:	D.F.
ISSUE DATE:	8/19/2019

SHEET TITLE

SIGNAL PLAN (TEMP CLASSROOM/ADMIN, & PARENT CENTER)

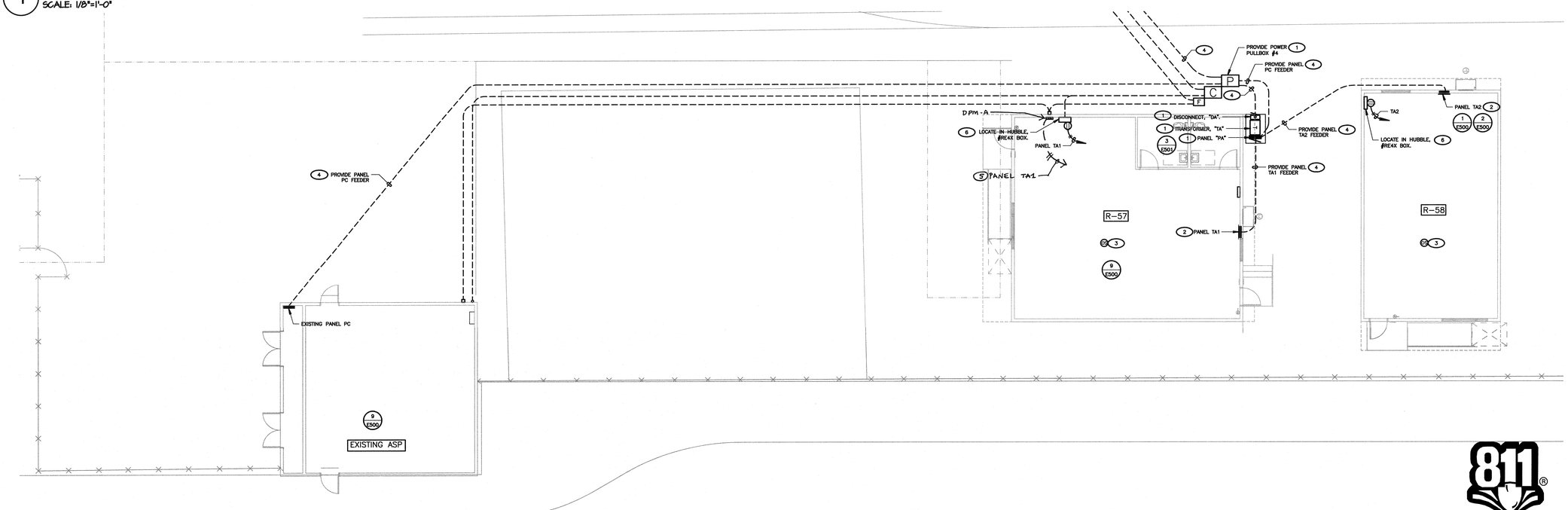
SHEET NUMBER

E202



1 POWER PLAN (TEMP CLASSROOMS)

SCALE: 1/8"=1'-0"



2 POWER PLAN (TEMP ADMIN/PARENT CENTER)

SCALE: 1/8"=1'-0"

POWER SHEET NOTES

1. CONTRACTOR SHALL VERIFY LOCATION & REQUIREMENTS OF ALL DEVICES REQUIRING ELECTRICAL CONNECTION PRIOR TO BID PROPOSAL, ROUGH-IN AND FINISH.
2. CONTRACTOR SHALL, IN ROUTING ALL CIRCUITS, INCREASE CONDUCTOR & CONDUIT SIZE TO ALLOW FOR VOLTAGE DROP SHOULD THE CONTRACTOR EXCEED ROUTING INDICATED ON DRAWINGS. ENGINEER OF RECORD MUST BE NOTIFIED PRIOR TO ANY DEVIATIONS FROM APPROVED PLAN CHECK (PERMIT SET) DRAWINGS.
3. COORDINATE WORK WITH OTHER TRADES. OBTAIN ALL DRAWINGS THAT WILL REQUIRE COORDINATION AND PROVIDE ALL ELECTRICAL CONNECTIONS, DEVICES, AND WIRING REQUIRED WHETHER SHOWN ON THE ELECTRICAL DRAWINGS OR NOT.
4. CONTRACTOR SHALL FURNISH AND INSTALL PULL BOXES AS REQUIRED TO INSTALL CONDUCTORS PER CONDUCTOR MANUFACTURERS RECOMMENDATIONS, PER THE NATIONAL ELECTRICAL CODE, AND PER LOCAL AUTHORITIES HAVING JURISDICTION.
5. 3/4" CONDUIT MINIMUM, UON.
6. PROVIDE CODE SIZED EQUIPMENT GROUNDING CONDUCTORS IN ALL OCCUPIED CONDUITS.
7. PROVIDE CONTROLS FOR MECHANICAL EQUIPMENT PER MECHANICAL DOCUMENTS. VERIFY LOCATION AND REQUIREMENTS OF MECHANICAL EQUIPMENT ON MECHANICAL DOCUMENTS.
8. VERIFY LOCATION OF ALL DEVICES ON ARCHITECTURAL PLANS.
9. ALL CONDUIT RUNS SHALL BE CONCEALED IN WALLS OR ROUTED ABOVE THE CEILING/ACCESSIBLE CEILING SPACE.
10. ALL PENETRATIONS THROUGH FIRE RATED WALLS SHALL BE PROTECTED FROM THE SPREAD OF FIRE WITH AN APPROVED FIRESTOP SYSTEM EQUAL TO OR GREATER THAN THE RATING OF THE WALL.
11. MOUNTING HEIGHT OF ALL RECEPTACLES AT COUNTER TOPS SHALL BE VERIFIED WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN.
12. PROVIDE GFCI TYPE RECEPTACLE WITHIN 6 FEET OF ANY SINK.
13. CONTRACTOR SHALL PROVIDE A PERMANENT MARKING IN ORDER TO DIFFERENTIATE OCCUPANCY CONTROLLED RECEPTACLES FROM THE UNCONTROLLED RECEPTACLES. VERIFY ACCEPTABLE MEANS OF PERMANENT MARKING WITH THE AHJ.

POWER PLAN KEY NOTES

(NOTE: THESE NOTES MAY NOT APPEAR ON ALL SHEETS)

1. REFER TO PROPOSED SINGLE LINE DIAGRAM.
2. BRANCH CIRCUIT LOAD CENTER PROVIDED BY MODULAR CLASSROOM MANUFACTURER. SEE MODULAR CLASSROOM SHOP DRAWINGS FOR PANEL SCHEDULE. VERIFY LOCATION & PROVIDE CONNECTION PER VENDOR'S SHOP DRAWINGS.
3. PROVIDE ALL NECESSARY WORK & MATERIALS IN ORDER TO INTERCEPT EXISTING LIGHTING BRANCH CIRCUIT TO PROVIDE TITLE 24 COMPLIANT OCCUPANCY SENSOR CONTROL. PROVIDE ALL REQUIRED RELAYS, POWER PACKS, & SENSORS FOR A COMPLETE SYSTEM.
4. FOR FEEDER INFORMATION REFER TO SINGLE LINE DIAGRAM.
5. PROVIDE (1) 20/1P CIRCUIT BREAKER IN EXISTING SPACE OR USE SPARE 20/1P CIRCUIT BREAKER. THE CIRCUIT BREAKER SHALL HAVE A RED MARKING & BE IDENTIFIED AS "FIRE ALARM CIRCUIT CONTROL". PROVIDE A LOCK-ON DEVICE ON THE CIRCUIT BREAKER HANDLE. CIRCUIT BREAKER SHALL BE PERMANENTLY IDENTIFIED AT THE "FACP" & "EVAC". PROVIDE SURGE SUPPRESSORS ON THE INPUT OF CONTROL PANELS, EXCEPT FOR CONTROL PANELS WITH BUILT-IN SURGE SUPPRESSORS.
6. PROVIDE TVSS TYPE 120V,20A RECEPTACLE. LOCATE IN RE4 XBOX.
7. PROVIDE 17"X30" TRAFFIC RATED PULLBOX, WITH STEEL CHECKER PLATE COVER ENGRAVED WITH "ELECTRIC". #B1730BOX WITH B1730-51JH COVER, BY CHRISTY CONCRETE.
8. PROVIDE (8) 1-1/4" CO.

Know what's below. Call before you dig.

811

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BAKERSFIELD CITY SCHOOL DISTRICT

BAKERSFIELD CITY SCHOOL DISTRICT — Where The Child Comes First

BESSIE OWENS E.S. TEMPORARY MODULAR BUILDINGS
815 POTOMAC AVE, BAKERSFIELD, CA 93307

OPSC or OSHPD PROJ. NO:	N/A
PROJECT NO:	118932
DRAWN BY:	V.Z.
CHK'D BY:	D.F.
ISSUE DATE:	8/19/2019

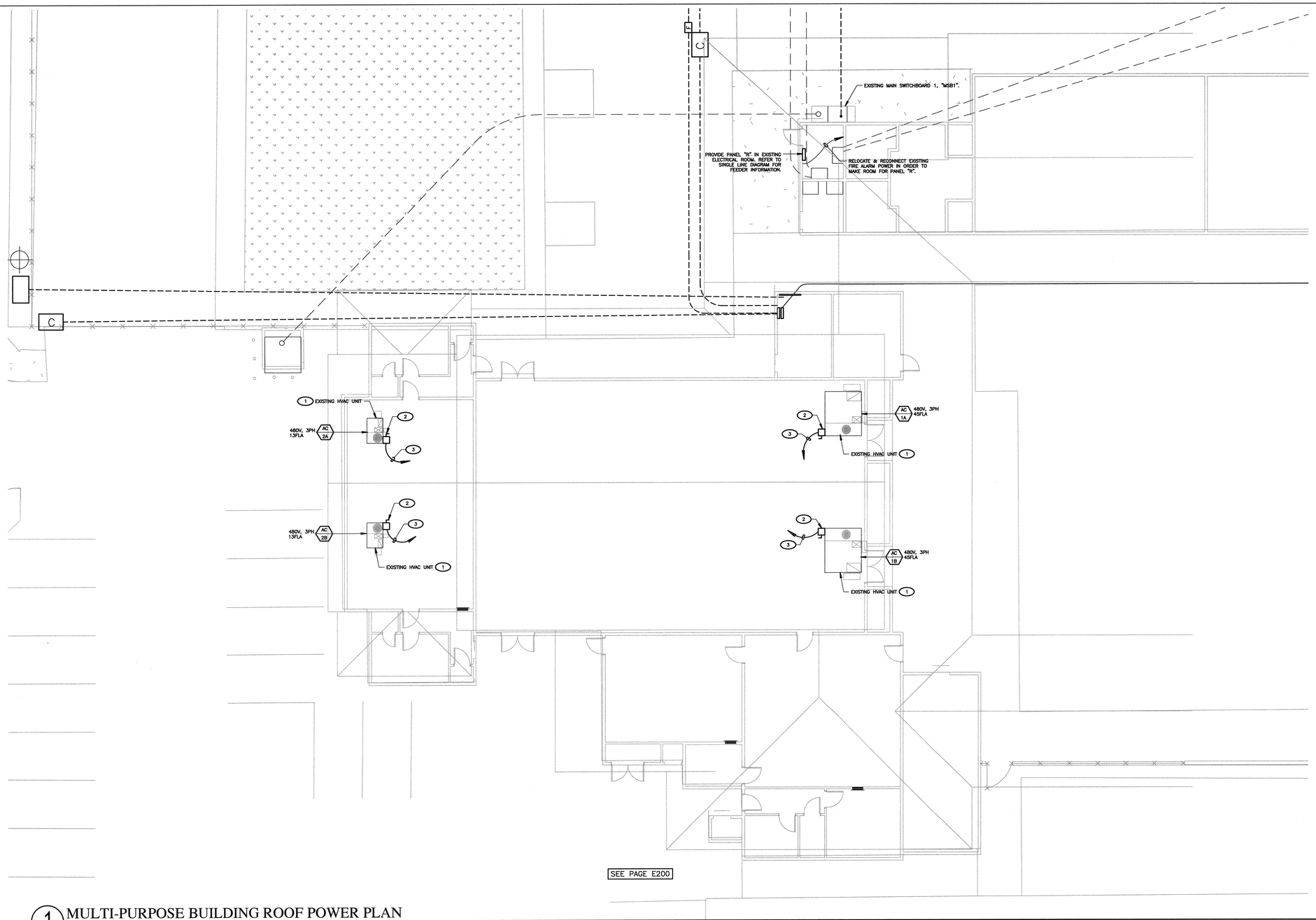
SHEET TITLE

POWER PLAN (TEMP CLASSROOM/ADMIN, & PARENT CENTER)

SHEET NUMBER

E203

CONSTRUCTION DOCUMENTS



1 MULTI-PURPOSE BUILDING ROOF POWER PLAN
SCALE: 1/8"=1'-0"

MECHANICAL PLAN SHEET NOTES

1. FIELD VERIFY MECHANICAL EQUIPMENT LOCATIONS.
2. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES.
3. THE LOCATION OF ALL ROOF PENETRATIONS SHALL BE COORDINATED WITH THE ARCHITECTURAL AND MECHANICAL DRAWINGS.
4. PROVIDE ROOF JACKS AND PROPERLY SEAL ALL ROOF PENETRATIONS TO A LEAK FREE CONDITION.
5. THE FINAL CONNECTIONS TO EQUIPMENT SHALL BE LIQUID TIGHT FLEXIBLE METAL CONDUIT. INSTALL WITH ENOUGH SLACK TO PRECLUDE VIBRATION TRANSMISSION. SUPPORT SHALL BE PER THE NATIONAL ELECTRICAL CODE.
6. PROVIDE WEATHERPROOF AND EXTERIOR RATED DEVICES IN ALL EXTERIOR AREAS.
7. PROVIDE ALL DEVICES AND CONNECTIONS AS REQUIRED ON MECHANICAL CONTRACTOR SHOP DRAWINGS AND APPROVED SUBMITTALS.
8. ALL DISCONNECTS SHALL BE MOUNTED ON UNISTRUT ON MECHANICAL (HVAC) UNIT.
9. CONTRACTOR SHALL VERIFY LOCATION AND REQUIREMENTS OF ALL ELECTRICAL DEVICES PRIOR TO BID, ROUGH-IN, AND INSTALLATION.
10. CONTRACTOR SHALL, IN ROUTING ALL CIRCUITS, INCREASE CONDUCTOR & CONDUIT SIZE TO ALLOW FOR VOLTAGE DROP SHOULD THE CONTRACTOR EXCEED ROUTING INDICATED ON DRAWINGS. ENGINEER OF RECORD MUST BE NOTIFIED PRIOR TO ANY DEVIATIONS FROM APPROVED PLAN CHECK (PERMIT SET) DRAWINGS.
11. EACH DISCONNECT OR STARTER AND A SPARE SET OF FUSES SHALL BE CONTARCTOR PROVIDED.
12. CONTRACTOR SHALL FURNISH AND INSTALL PULL BOXES AS REQUIRED TO INSTALL CONDUCTORS PER CONDUCTOR MANUFACTURERS RECOMMENDATIONS, PER THE NATIONAL ELECTRICAL CODE, AND PER LOCAL AUTHORITIES HAVING JURISDICTION.
13. 3/4" CONDUIT MINIMUM, UON.
14. PROVIDE CODE SIZED EQUIPMENT GROUNDING CONDUCTORS IN ALL OCCUPIED CONDUITS.
15. VERIFY AND PROVIDE CONTROLS TO ALL UNITS, PER MECHANICAL CONTRACTOR APPROVED SHOP DRAWINGS AND SUBMITTALS.

KEY NOTES

(NOTE: THESE NOTES MAY NOT APPEAR ON ALL SHEETS)

1. APPROXIMATE LOCATION. VERIFY EXACT LOCATION IN THE FIELD.
2. EXISTING SAFETY SWITCH. REFER TO SINGLE LINE DIAGRAM FOR WORK.
3. PROVIDE FEEDER TO PANEL "R". REFER TO SINGLE LINE DIAGRAM FOR FEEDER INFORMATION.

PANEL R | VOLTAGE 480V | PHASE 3 | WIRE 3 | MAIN 225A MCB
SOURCE MSB1 | A.I.C. 14,000 | ENCLOSURE NEMA 1
PANEL LOC/ BLDG SEE PLAN | BUS AMPERE RATING: 225 | MOUNTING SURFACE

CKT	VA LOAD LINE A	VA LOAD LINE B	VA LOAD LINE C	LOAD DESCRIPTION	LCL	OUTLETS MIS	OUTLETS REC	OUTLETS LTS	CIRCUIT BREAKER POL	CIRCUIT BREAKER TRP	BUS A	BUS B	BUS C	CIRCUIT BREAKER TRP	CIRCUIT BREAKER POL	OUTLETS LTS	OUTLETS REC	OUTLETS MIS	LCL	LOAD DESCRIPTION	VA LOAD LINE A	VA LOAD LINE B	VA LOAD LINE C	CKT
1	12166			EXISTING AC-1A						70				70						EXISTING AC-1B	12166			2
3		12166		EXISTING AC-1A																EXISTING AC-1B		12166		4
5			12166	EXISTING AC-1A					3						3					EXISTING AC-1B			12166	6
7	3742			EXISTING AC-2A						30				30						EXISTING AC-2B	3742			8
9		3742		EXISTING AC-2A																EXISTING AC-2B		3742		10
11			3742	EXISTING AC-2A					3						3					EXISTING AC-2B			3742	12
13																								14
15																								16
17																								18
19																								20
21																								22
23																								24
25																								26
27																								28
29																								30
31																								32
33																								34
35																								36
37																								38
39																								40
41																								42
	15908	15908	15908	SUBTOTALS																	15908	15908	15908	
																				LINE TOTALS	31,816	31,816	31,816	
																				LCL ADDER				
																				TOTAL VA/PH	31,816	31,816	31,816	
																				LINE AMPS	115	115	115	

NOTES:
REFER TO SINGLE LINE DIAGRAM FOR SPEC.

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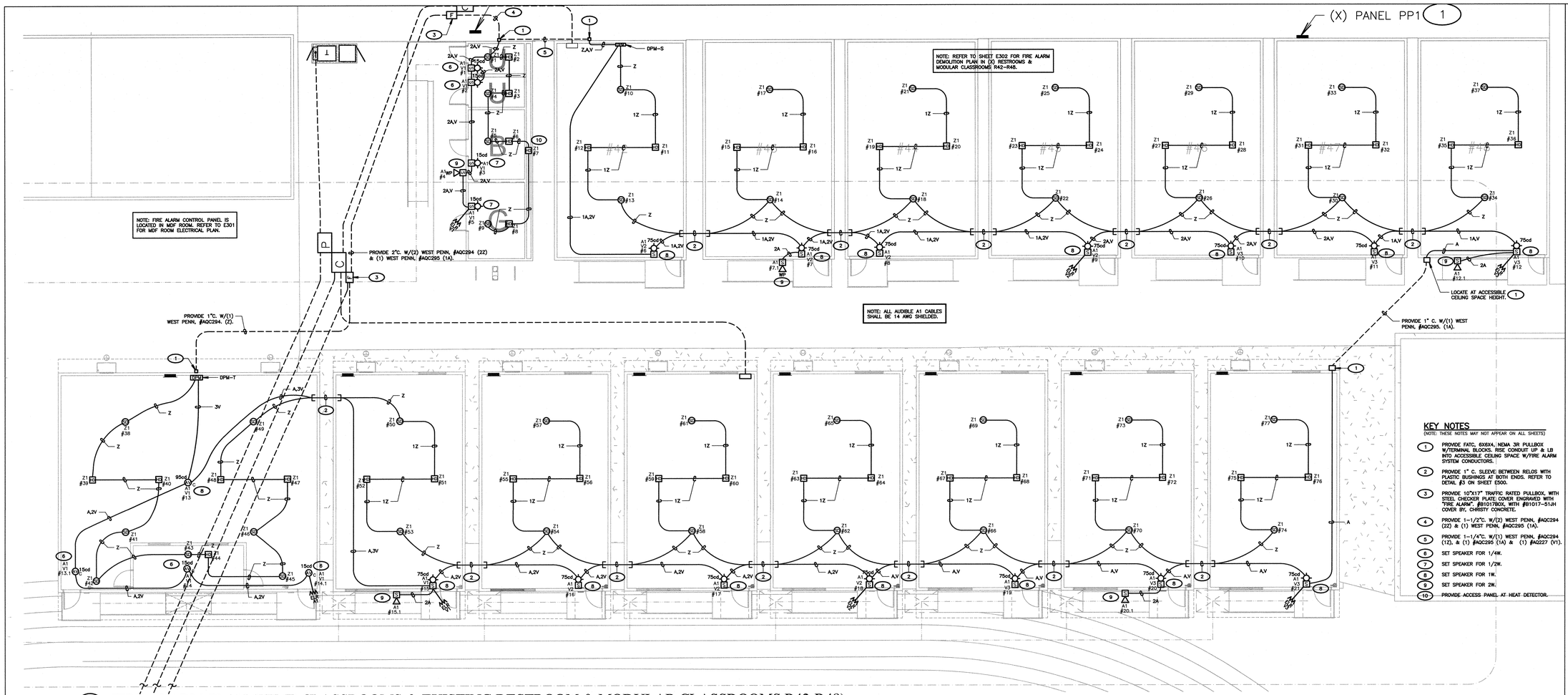
SHEET TITLE

MULTI-PURPOSE BUILDING ROOF POWER PLAN

SHEET NUMBER

E204

CONSTRUCTION DOCUMENTS



1 FIRE ALARM PLAN (TEMP CLASSROOMS & EXISTING RESTROOM & MODULAR CLASSROOMS R42-R48)
SCALE: 1/8" = 1'-0"

CODE, RULES & REGULATIONS

ALL WORK AND MATERIALS SHALL COMPLY WITH THE LATEST REGULATIONS OF THE STATE FIRE MARSHAL, CALIFORNIA CODE OF REGULATIONS, SERVING UTILITY COMPANIES AND OTHER APPLICABLE STATE ORDINANCES. NOTHING IN THESE PLANS OR SPECIFICATIONS IS TO BE CONSTRUED AS TO PERMIT WORK NOT CONFORMING TO THESE CODES. WHERE WORK OF A HIGHER DEGREE IS INDICATED IN THE PLANS OR SPECIFICATIONS THIS REQUIREMENT SHALL GOVERN.

FIRE ALARM LEVEL OF AUDIBILITY

ALARM INDICATING DEVICES OF A FIRE ALARM SYSTEM INTENDED TO ALERT ALL OCCUPANTS SHALL BE SO LOCATED AND UNOBSTRUCTED AS TO CAUSE A LEVEL OF AUDIBILITY OF NOT LESS THAN 15db ABOVE AMBIENT NOISE LEVELS MEASURED FOUR FEET ABOVE THE FLOOR INSIDE BUILDING.

AMBIENT NOISE LEVELS SHALL BE CONSTRUED TO MEAN THAT WHICH CAN NORMALLY BE EXPECTED TO EXIST WHEN THE FACILITY, BUILDING, ROOM OR AREA IS FUNCTIONING UNDER NORMAL OPERATIVE OR WORKING CONDITIONS.

THE FIRE ALARM SIGNAL SHALL COMPLY WITH THE CALIFORNIA EDUCATION CODE, SECTIONS 32000 AND 32004, AND BE A TEMPORAL PATTERN, CODE 3.

FIRE ALARM MONITORING NOTE

AUTOMATIC FIRE ALARM SYSTEMS SHALL TRANSMIT THE ALARM, SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION AS REQUIRED BY NFPA 72 AS AMENDED BY ARTICLE 91. THE SUPERVISING STATION SHALL BE LISTED AS EITHER UUFX OR UUJS BY UNDERWRITERS LABORATORY, OR SHALL MEET THE REQUIREMENTS OF FACTORY MUTUAL RESEARCH APPROVAL STANDARD 3011, SUPERVISION OF SYSTEM AND LEASED TELEPHONE LINES SHALL BE ARRANGED BY OWNER.

COMPLETE AUTOMATIC FIRE ALARM PLAN SUBMITTAL

THE FIRE ALARM SYSTEM SHOWN ON THESE PLANS HAS BEEN SUBMITTED AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT. ANY SUBSTITUTION OF THE FIRE ALARM SYSTEM SHALL BE RESUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL PAY ANY ADDITIONAL FEES THAT ARE INCURRED DUE TO THIS SUBSTITUTION.

THE FIRE ALARM SYSTEM SHALL BE A TOTAL (COMPLETE) AUTOMATIC HEAT AND SMOKE DETECTION SYSTEM, PER C.F.C SECTION 907.2.3.A, AND SHALL COVER EVERY ROOM AND/OR AREA, UPON THE ACTIVATION OF ANY INITIATION DEVICE THE FIRE ALARM SYSTEM SHALL ALERT ALL OCCUPANTS AND TRANSMIT THE ALARM, SUPERVISORY, AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION (C.F.C. SECTION 907.2.3.5).

SCHOOLS FIRE ALARM REQUIREMENTS

THE FIRE ALARM SYSTEM SHALL CONFORM TO CALIFORNIA BUILDING CODE, SECTION 907.2.3; CALIFORNIA ELECTRICAL CODE, ARTICLE 760 AND CALIFORNIA FIRE CODE, CHAPTER 9, SECTION 907.

UPON COMPLETION OF THE INSTALLATION OF THE FIRE PROTECTIVE SIGNALING EQUIPMENT, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE AUTHORITY HAVING JURISDICTION, NFPA 72. IF TESTING RESULTS DETERMINE FIRE ALARM AUDIBILITY DOES NOT MEET 15db OVER AMBIENT NOISE LEVELS, ADDITIONAL FIRE ALARM SIGNALING DEVICES MAY BE REQUIRED BY THE AUTHORITY HAVING JURISDICTION.

FIRE ALARM SYSTEM CERTIFICATION AND DESCRIPTION SHALL BE PROVIDED FOR TESTING AND A PLASTIC LAMINATED COPY SHALL REMAIN (WITH INSTRUCTIONS) AT THE FIRE ALARM CONTROL PANEL PER NFPA 72.

THE FIRE ALARM "RECORD OF COMPLETION" FORM, FIGURE 10, 18, 2, 1 IN NFPA 72, SHALL BE COMPLETED, SIGNED AND SUBMITTED TO THE SCHOOL DISTRICT AND THE LOCAL AUTHORITY (K.C.F.D.) HAVING JURISDICTION AT THE COMPLETION OF THE TEST.

F.A. SYSTEM WIRE SCHEDULE

TAG	CONDUCTORS	DEVICE/FUNCTION
V	2#12, THWN/THHN	VISIBLE NOTIFICATION DEVICES–STROBE LIGHTS
Z	1–PAIR #16 TWISTED, SHIELDED PAIR WEST PENN AQC294 (BLDG. EXTERIOR & UNDERGROUND) 1–PAIR #16 TWISTED, WEST PENN D990 (BLDG. INTERIOR)	CAMPUS/BLDG. SLC INTELLIGENT LOOP INITIATING DEVICES (PULL STATIONS, SMOKE AND HEAT DETECTORS, WATER FLOW AND TAMPER SWITCHES, MONITOR AND CONTROL MODULES, ETC.)
P	2#14, THWN/THHN	DEVICE POWER–24VDC
A	1–PAIR #16 TWISTED SHIELDED PAIR, WEST PENN AQC294 (BLDG. EXTERIOR & UNDERGROUND) 1–PAIR #16 TWISTED SHIELDED PAIR, WEST PENN 991. (BLDG. INTERIOR).	AUDIBLE NOTIFICATION DEVICES–SPEAKERS

FIRE ALARM LEGEND

1A2, 2V1, 1Z1

F.A. SYSTEM WIRING, TAG IDENTIFIES THE FOLLOWING: FIRST NUMBER INDICATES QUANTITY OF LOOPS OR CIRCUITS; LETTER NOTATION INDICATES TYPE OF LOOP OR CIRCUIT, INCLUDING CONDUCTOR REQUIREMENTS, PER "F.A. SYSTEM WIRE SCHEDULE" ON THIS SHEET; NUMBER AFTER LETTER INDICATES LOOP NUMBER.

AUDIBLE CIRCUIT NO. 1
VISIBLE CIRCUIT NO. 1
DEVICE I.D. NO.
INTELLIGENT LOOP NO.

DENOTES F.A. DEVICE CONNECTED TO NOTIFICATION CIRCUITS, OR INTELLIGENT LOOP CIRCUITS AND CONSECUTIVE DEVICE I.D. NO. FOR THIS LOOP.

NOTES (FIRE ALARM EQUIPMENT SPECIFICATIONS SCHEDULE)

(NOTE: THESE NOTES MAY NOT APPEAR ON ALL SHEETS)

1 END OF LINE RESISTORS SHALL BE 10K FOR NOTIFICATION APPLIANCE CIRCUITS FEEDING FORM FIRE ALARM CONTROL PANEL AND 2.2K FOR NOTIFICATION APPLIANCE CIRCUITS FEEDING FROM FIRE ALARM POWER EXPANDER PANELS.
2 SET FOR 194 DEGREES.
3 THIS EQUIPMENT IS EXISTING. REFER TO FIRE ALARM RISER DIAGRAM.
4 PROVIDE TRIM RING, #TRC–2
5 PROVIDE TRANSIENT SUPPRESSORS.

FIRE ALARM EQUIPMENT SPECIFICATIONS SCHEDULE

SYMBOL	MODEL. NO	DESCRIPTION	MANUFACTURER	CSFM. LISTING #	BACKBOX REQUIREMENTS	MOUNTING HEIGHT (TO CENTER U.O.N.)	REMARKS
FACP	NFS2-3030 UDACT-2 DVC-EM DVC-KD CMIC-1 DAA2-7525 ACPS-610 SBB-D4R DR-D4R	FIRE ALARM CONTROL PANEL	NOTIFIER	7165-0028:0224	EQUIPMENT CABINET	+60	5
FRPS	ACPS-610 CAB-PS1	FIRE ALARM REMOTE POWER SUPPLY	NOTIFIER	7315-0028:0248	EQUIPMENT CABINET	+60	
S	FSP-951	ADDRESSABLE SMOKE DETECTOR W/BASE, #B300-6	NOTIFIER	7272-0028:0503	4" SQ. X. 2 1/8" DP. OUTLET BOX WITH S.G. RAISED RING		
H	FST-951H	ADDRESSABLE HEAT DETECTOR W/BASE, #B300-6	NOTIFIER	7270-0028:0502	4" SQ. X. 2 1/8" DP. OUTLET BOX WITH S.G. RAISED RING	–	2
SPKR	SPRK(A)	OUTDOOR WALL MOUNT SPEAKER	SYSTEM SENSOR	7320-1653:0201	MWBB(A) OUTDOOR BACKBOX	–	
SPKR	SPSRL(A)	WALL MOUNTED COMBINATION SPEAKER & STROBE LIGHT (CANDELA VALUE AS SHOWN ON PLANS)	SYSTEM SENSOR	7320-1653:0505	4" SQ. X 2 1/8" DP. OUTLET BOX	–	
FACP	LCD-160	REMOTE ANNUNCIATOR	NOTIFIER	7120-0028:0227			
EOL	–	END OF LINE RESISTOR 1		–	4" SQ. X 2 1/8" DP. OUTLET BOX 3	–	
					4" SQ. X. 2 1/8" DP. OUTLET BOX		
ZA-6		SIX ZONE INTERFACE MODULE	NOTIFIER	7300-0028:0219	LOCATE IN FIRE ALARM REMOTE POWER SUPPLY		3
SPSCRL	SPSCRL(A)	CEILING MOUNTED COMBINATION SPEAKER & STROBE LIGHT(CANDELA) VALVE AS SHOWN ON PLANS)	SYSTEM SENSOR	7320-1653:0505	4" SQ. X. 2 1/8" DP. OUTLET BOX		4

NOTE: EXISTING FIRE ALARM SHALL NOT BE REMOVED UNTIL NEW SYSTEM IS INSTALLED AND TESTED.

GENERAL NOTES

1. SMOKE DETECTORS SHALL BE INSTALLED 3' AWAY FROM SUPPLY AND RETURN AIR GRILLES.
2. FINAL FIRE ALARM TEST OF ALL DEVICES SHALL BE WITNESSED BY THE PROJECT INSPECTOR. TEST SHALL INCLUDE ALL INFORMATION PER NFPA 72, FIGURE 14.6.2.4 AND READ OUT VERIFICATION FORM FROM CENTRAL STATION. TEST SHALL ALSO BE WITNESSED BY THE LOCAL AUTHORITY HAVING JURISDICTION (A.H.J.).
3. UNDERGROUND AND EXTERIOR CONDUITS WILL HAVE WATER–TIGHT FITTINGS (C.E.C. 110.11 AND 300.6).
4. AUDIBLE DEVICE(S) SHALL BE AT LEAST 15dbA ABOVE AVERAGE AMBIENT SOUND LEVEL BUT NOT LESS THAN 75dbA AT 10' OR MORE THAN 110 dbA IN TOTAL, THROUGHOUT! (NFPA 72 18.4.1 AND C.F.C. 907.6.2).
5. AUDIBLE DEVICES SHALL SOUND THE CALIFORNIA CODE IN TEMPORAL PATTERN, CODE 3.
6. VISUAL DEVICES SHALL NOT EXCEED TWO FLASHES PER SECOND AND SHALL NOT BE SLOWER THAN ONE FLASH PER SECOND. (NFPA 72 18.5.5.2.1).
7. PROVIDE AN ENGRAVED NAMEPLATE INDICATING THE D.S.A. APPLICATION NUMBER, FILE NUMBER AND DATE OF INSTALLATION AT FIRE ALARM POWER EXPANDER PANEL. WHITE LETTERS ON A RED BACKGROUND.
8. PROVIDE A COPY OF THE BATTERY CALCULATION AT THE FIRE ALARM POWER EXPANDER PANEL. BATTERY CALCULATION SHALL CONTAIN INFORMATION AS NOTED ON SCHEDULES AND BE PLASTIC LAMINATED. MOUNT ONTO INSIDE FACE OF DOOR.
9. MORE THAN TWO VISIBLE NOTIFICATION APPLIANCES OR GROUPS OF SYNCHRONIZED APPLIANCES IN THE SAME ROOM OR ADJACENT SPACE WITHIN THE FIELD OF VIEW SHALL FLASH IN SYNCHRONIZATION (NFPA 72 18.5.4.3.2(4)).
10. THE AUTOMATIC ALARM SYSTEM SHALL BE INSTALLED, TESTED AND MAINTAINED IN ACCORDANCE WITH THE STATE FIRE MARSHAL'S REGULATIONS (C.F.C. 907.8).
11. THE FIRE ALARM SYSTEM SHALL CONFORM TO ARTICLE 760 OF THE CALIFORNIA ELECTRICAL CODE, CURRENT CALIFORNIA TITLE 24 REQUIREMENTS, CALIFORNIA FIRE CODE, NFPA 72 AND 101 STANDARDS, AMERICAN WITH DISABILITY ACT (ADA) REQUIREMENTS.
12. DRAWINGS DO NOT SHOW ALL THE NECESSARY J–BOXES AND PULL BOXES WHICH WILL BE REQUIRED THROUGHOUT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL THESE BOXES AS NECESSARY TO TERMINATE CONDUITS AND RACEWAYS. PAINT BOXES TO MATCH COLOR OF THE FINISHED BUILDING WALLS.
13. ALL JUNCTIONS BOXES AND DEVICES INDICATED ON BUILDING EXTERIORS SHALL BE WEATHERPROOF TYPE.
14. FIRE ALARM WIRES SHALL BE COPPER TYPE THWN/THHN.
15. ALL SIGNAL WIRING IN UNDERGROUND CONDUITS SHALL BE WET LOCATION TYPE.
16. WHEN ALL FIRE ALARM DEVICES ARE INSTALLED AND PROGRAMMING IS COMPLETE, PROVIDE A FIRE ALARM DEVICE MAP IN THE SCHOOL MAIN OFFICE TO INDICATE TO SCHOOL PERSONNEL THE LOCATIONS OF THE NEW DEVICES.
17. JUNCTION BOXES SHALL NOT CONTAIN SPLICES. CONDUCTORS SHALL BE PULLED THROUGH. TERMINATIONS SHALL BE PERFORMED.
18. ALL EXPOSED CONDUITS AND BOXES SHALL BE PAINTED TO MATCH THE SURFACE WHERE INSTALLED.

FIRE ALARM SYSTEM INSTALLATION NOTES

ALL DRAWINGS ARE DIAGRAMMATIC ONLY, AND SHALL NOT BE USED IN DETERMINING ACTUAL CONDUIT ROUTING. THE CONTRACTOR SHALL VERIFY ALL CONDUIT ROUTING CONDITIONS AT THE PROJECT SITE AS CONSTRUCTION PROGRESSES.

ALL FIRE ALARM DATA COMMUNICATIONS AND INITIATING CIRCUITS SHALL BE INSTALLED UTILIZING SOLID COPPER CONDUCTORS WITH OUTER COVERING COLORS PER THE SPECIFICATIONS AND AS SHOWN ON THE DRAWINGS. ALL SMOKE DAMPER AND REMOTE TROUBLE INDICATOR CIRCUITS SHALL BE YELLOW. ALL CIRCUITS SHALL BE INDIVIDUALLY LABELED, BOTH AT THE DEVICE END AND AT THE SIGNAL TERMINAL CABINET AND/OR FIRE ALARM MASTER PANEL TERMINATION POINT.

ALL FIRE ALARM CIRCUITS SHALL BE CONTINUOUS FROM DEVICE TO DEVICE. SPLICES ARE NOT ALLOWED UNLESS IN COVERED JUNCTION BOXES ON APPROVED TERMINAL BLOCKS. 'T' TAPPING IS ALLOWED ONLY UNDER THESE CONDITIONS.

SEQUENCE OF OPERATIONS

		A ANNUNCIATE/DISPLAY AT FACP ALARM, TROUBLE & SUPERVISORY	B SOUND FACP TROUBLE BUZZER (ALARM, TROUBLE OR SUPERVISORY)	C ANNUNCIATE AT REMOTE FIRE ALARM ANNUNCIATOR (ALARM, TROUBLE OR SUPERVISORY)	D ACTIVATE RELAY FOR CENTRAL STATION MONITORING (ALARM, TROUBLE OR SUPERVISORY)	E ACTIVATE AUDIBLE/VISUAL ALARM SIGNAL THROUGHOUT BUILDING.	F	G	H	I	J	K	L	M	N	O	P	Q	R
														SYSTEM WILL BE ON OPEN TRANSIT SYSTEM WILL BE ON CLOSED TRANSIT					SHUT DOWN AIR HANDLER UNITS
1	MANUAL PULL STATIONS	●	●	●	●	●													
2	SMOKE DETECTORS	●	●	●	●	●													●
3	FIRE ALARM SYSTEM AC POWER FAIL	●	●	●	●								●						
4	FIRE ALARM SYSTEM LOW BATTERY	●	●	●	●														
5	OPEN CIRCUIT	●	●	●	●														
6	GROUND FAULT	●	●	●	●														
8	HEAT DETECTORS	●	●	●	●	●													
9	NOTIFICATION CIRCUIT SHORT	●	●	●	●														
10																			

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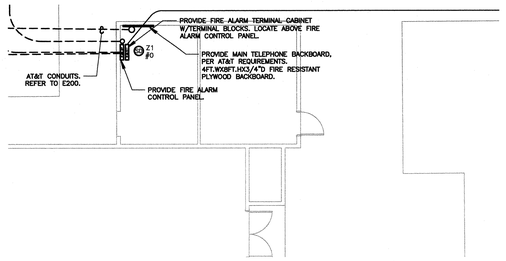
SHEET TITLE

FIRE ALARM PLAN (TEMP CLASSROOMS & EXISTING RESTROOM & MODULAR CLASSROOMS R42-R48)

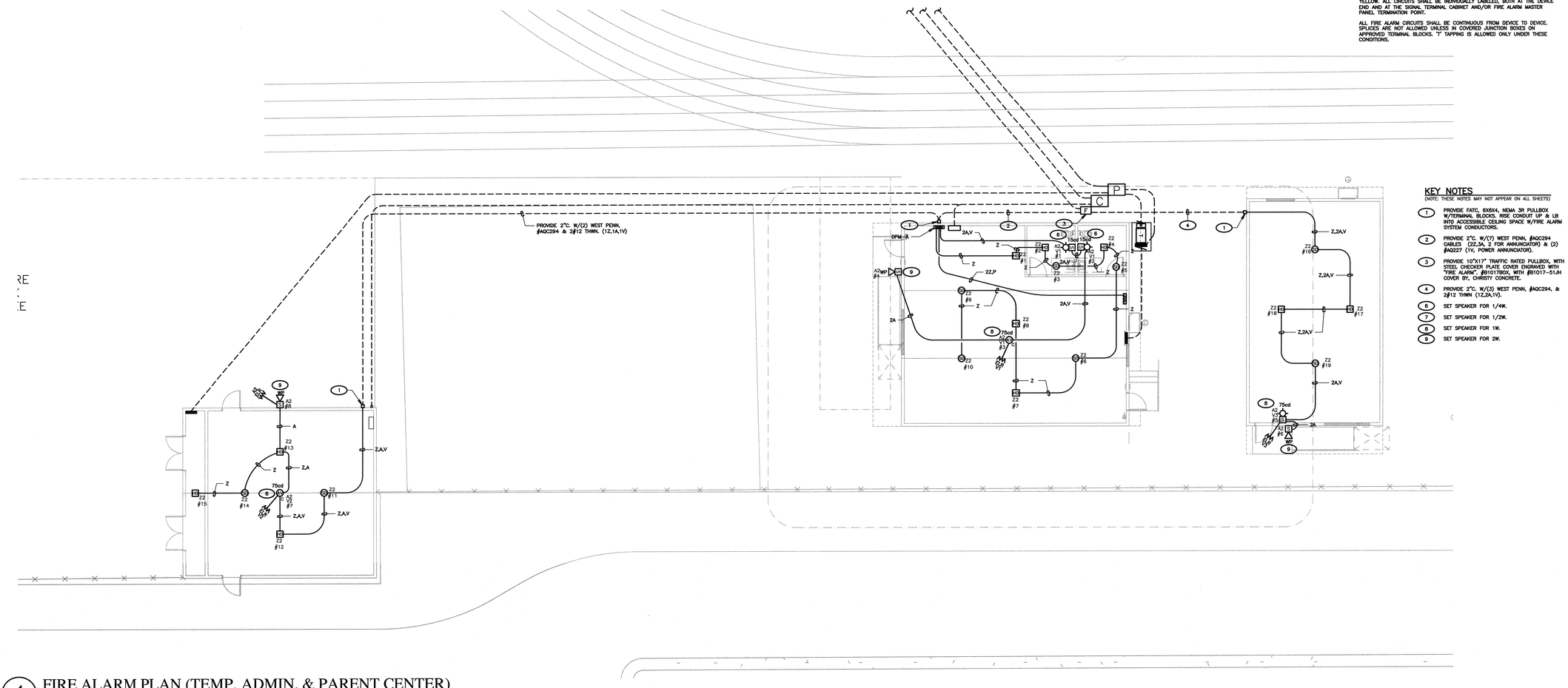
SHEET NUMBER

E300

CONSTRUCTION DOCUMENTS



2 MDF ROOM ELECTRICAL PLAN
SCALE: 1/8" = 1'-0"



KEY NOTES
(NOTE: THESE NOTES MAY NOT APPEAR ON ALL SHEETS)

1. PROVIDE FATC, 6X6X4, NEMA 3R PULLBOX W/TERMINAL BLOCKS. RISE CONDUIT UP & LB INTO ACCESSIBLE CEILING SPACE W/FIRE ALARM SYSTEM CONDUCTORS.
2. PROVIDE 2"C. W/(7) WEST PENN, #AQC294 CABLES (2Z,3A, 2 FOR ANNUNCIATOR) & (2) #AQ227 (1V, POWER ANNUNCIATOR).
3. PROVIDE 10"X17" TRAFFIC RATED PULLBOX, WITH STEEL CHECKER PLATE COVER ENGRAVED WITH "FIRE ALARM", #B1017BOX, WITH #B1017-51JH COVER BY, CHRISTY CONCRETE.
4. PROVIDE 2"C. W/(3) WEST PENN, #AQC294, & 2#12 THWN (1Z,2A,1V).
6. SET SPEAKER FOR 1/4W.
7. SET SPEAKER FOR 1/2W.
8. SET SPEAKER FOR 1W.
9. SET SPEAKER FOR 2W.

1 FIRE ALARM PLAN (TEMP. ADMIN. & PARENT CENTER)
SCALE: 1/8" = 1'-0"

GENERAL NOTES

1. SMOKE DETECTORS SHALL BE INSTALLED 3' AWAY FROM SUPPLY AND RETURN AIR GRILLES.
2. FINAL FIRE ALARM TEST OF ALL DEVICES SHALL BE WITNESSED BY THE PROJECT INSPECTOR. TEST SHALL INCLUDE ALL INFORMATION PER NFPA 72, FIGURE 14.6.2.4 AND READ OUT VERIFICATION FORM FROM CENTRAL STATION. TEST SHALL ALSO BE WITNESSED BY THE LOCAL AUTHORITY HAVING JURISDICTION (A.H.J.).
3. UNDERGROUND AND EXTERIOR CONDUITS WILL HAVE WATER-TIGHT FITTINGS (C.E.C. 110.11 AND 300.6).
4. AUDIBLE DEVICE(S) SHALL BE AT LEAST 15dbA ABOVE AVERAGE AMBIENT SOUND LEVEL BUT NOT LESS THAN 75dbA AT 10' OR MORE THAN 110 dbA IN TOTAL, THROUGHOUT (NFPA 72 18.4.1 AND C.F.C. 907.6.2).
5. AUDIBLE DEVICES SHALL SOUND THE CALIFORNIA CODE IN TEMPORAL PATTERN, CODE 3.
6. VISUAL DEVICES SHALL NOT EXCEED TWO FLASHES PER SECOND AND SHALL NOT BE SLOWER THAN ONE FLASH PER SECOND. (NFPA 72 18.5.2.1).
7. PROVIDE AN ENGRAVED NAMEPLATE INDICATING THE D.S.A. APPLICATION NUMBER, FILE NUMBER AND DATE OF INSTALLATION AT FIRE ALARM POWER EXPANDER PANEL. WHITE LETTERS ON A RED BACKGROUND.
8. PROVIDE A COPY OF THE BATTERY CALCULATION AT THE FIRE ALARM POWER EXPANDER PANEL. BATTERY CALCULATION SHALL CONTAIN INFORMATION AS NOTED ON SCHEDULES AND BE PLASTIC LAMINATED. MOUNT ONTO INSIDE FACE OF DOOR.
9. MORE THAN TWO VISIBLE NOTIFICATION APPLIANCES OR GROUPS OF SYNCHRONIZED APPLIANCES IN THE SAME ROOM OR ADJACENT SPACE WITHIN THE FIELD OF VIEW SHALL FLASH IN SYNCHRONIZATION (NFPA 72 18.5.4.3.2(4)).
10. THE AUTOMATIC ALARM SYSTEM SHALL BE INSTALLED, TESTED AND MAINTAINED IN ACCORDANCE WITH THE STATE FIRE MARSHAL'S REGULATIONS (C.F.C. 907.9).
11. THE FIRE ALARM SYSTEM SHALL CONFORM TO ARTICLE 760 OF THE CALIFORNIA ELECTRICAL CODE, CURRENT CALIFORNIA TITLE 24 REQUIREMENTS, CALIFORNIA FIRE CODE, NFPA 72 AND 101 STANDARDS, AMERICAN WITH DISABILITY ACT (ADA) REQUIREMENTS.
12. DRAWINGS DO NOT SHOW ALL THE NECESSARY J-BOXES AND PULL BOXES WHICH WILL BE REQUIRED THROUGHOUT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL THESE BOXES AS NECESSARY TO TERMINATE CONDUITS AND RACEWAYS. PAINT BOXES TO MATCH COLOR OF THE FINISHED BUILDING WALLS.
13. ALL JUNCTIONS BOXES AND DEVICES INDICATED ON BUILDING EXTERIORS SHALL BE WEATHERPROOF TYPE.
14. FIRE ALARM WIRES SHALL BE COPPER TYPE THWN/THHN.
15. ALL SIGNAL WIRING IN UNDERGROUND CONDUITS SHALL BE WET LOCATION TYPE.
16. WHEN ALL FIRE ALARM DEVICES ARE INSTALLED AND PROGRAMMING IS COMPLETE, PROVIDE A FIRE ALARM DEVICE MAP IN THE SCHOOL MAIN OFFICE TO INDICATE TO SCHOOL PERSONNEL THE LOCATIONS OF THE NEW DEVICES.
17. JUNCTION BOXES SHALL NOT CONTAIN SPLICES. CONDUCTORS SHALL BE PULLED THROUGH. TERMINATIONS SHALL BE PERFORMED.
18. ALL EXPOSED CONDUITS AND BOXES SHALL BE PAINTED TO MATCH THE SURFACE WHERE INSTALLED.

FIRE ALARM SYSTEM INSTALLATION NOTES

ALL DRAWINGS ARE DIAGRAMMATIC ONLY, AND SHALL NOT BE USED IN DETERMINING ACTUAL CONDUIT ROUTING. THE CONTRACTOR SHALL VERIFY ALL CONDUIT ROUTING CONDITIONS AT THE PROJECT SITE AS CONSTRUCTION PROGRESSES.

ALL FIRE ALARM DATA COMMUNICATIONS AND INITIATING CIRCUITS SHALL BE INSTALLED UTILIZING SOLID COPPER CONDUCTORS WITH OUTER COVERING COLORS PER THE SPECIFICATIONS AND AS SHOWN ON THE DRAWINGS. ALL SMOKE DAMPER AND REMOTE TROUBLE INDICATOR CIRCUITS SHALL BE YELLOW. ALL CIRCUITS SHALL BE INDIVIDUALLY LABELED, BOTH AT THE DEVICE END AND AT THE SIGNAL TERMINAL CABINET AND/OR FIRE ALARM MASTER PANEL TERMINATION POINT.

ALL FIRE ALARM CIRCUITS SHALL BE CONTINUOUS FROM DEVICE TO DEVICE. SPLICES ARE NOT ALLOWED UNLESS IN COVERED JUNCTION BOXES ON APPROVED TERMINAL BLOCKS. "T" TAPPING IS ALLOWED ONLY UNDER THESE CONDITIONS.

AGENCY INFORMATION:

AGENCY TRACKING NO. 63321-355
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BAKERSFIELD CITY SCHOOL DISTRICT

BESSIE OWENS E.S. TEMPORARY MODULAR BUILDINGS
815 POTOMAC AVE, BAKERSFIELD, CA 93307

OPSC or OSHPD PROJ. NO:	N/A
PROJECT NO:	118932
DRAWN BY:	V.Z.
CHK'D BY:	D.F.
ISSUE DATE:	8/19/2019

SHEET TITLE

FIRE ALARM PLAN (TEMP ADMIN & PARENT CENTER)

SHEET NUMBER

E301

CONSTRUCTION DOCUMENTS

GENERAL NOTES

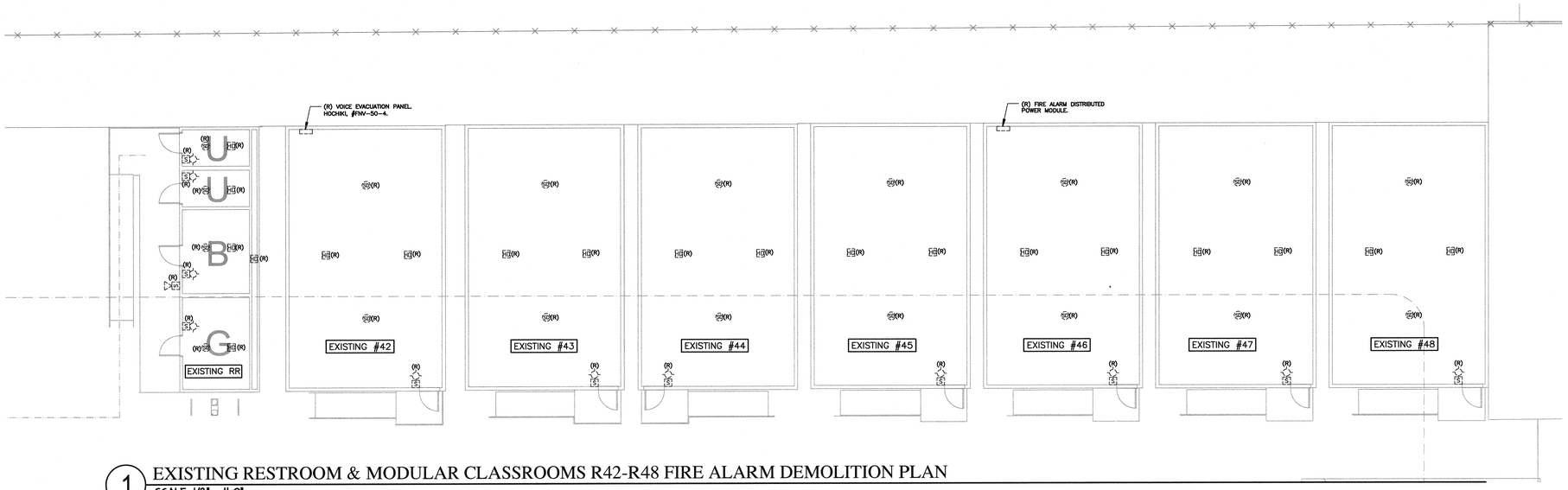
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FIRE ALARM SYSTEM INSTALLATION NOTES

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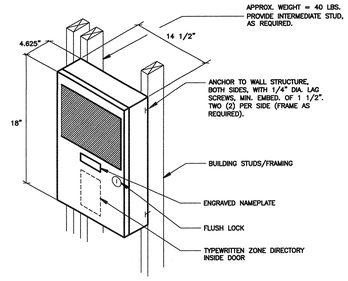
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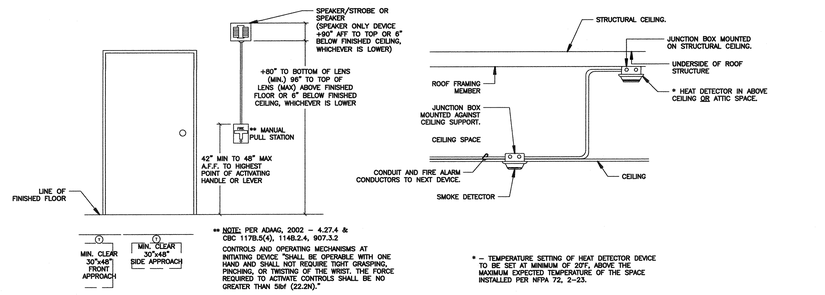
1 EXISTING RESTROOM & MODULAR CLASSROOMS R42-R48 FIRE ALARM DEMOLITION PLAN

SCALE: 1/8" = 1'-0"



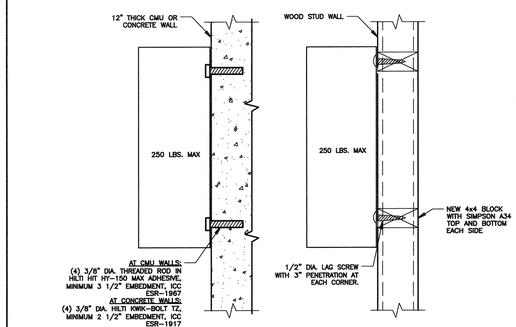
4 FIRE ALARM REMOTE POWER SUPPLY (FAPS), MOUNTING DETAIL

NOT TO SCALE



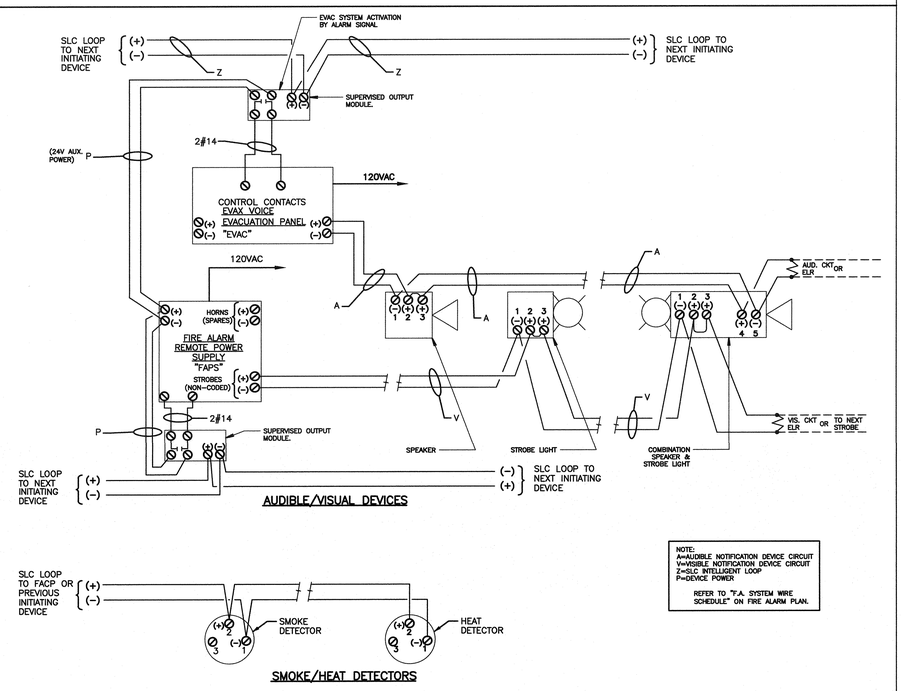
2 TYPICAL FIRE ALARM DEVICE MOUNTING DETAILS

SCALE: NOT TO SCALE



5 FIRE ALARM CONTROL PANEL MOUNTING DETAIL

SCALE: NOT TO SCALE



3 TYPICAL DEVICES WIRING DIAGRAMS DETAIL

NOT TO SCALE

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815 POTOMAC AVE, BAKERSFIELD, CA 93307

OPSC or OSHPD PROJ. NO:	N/A
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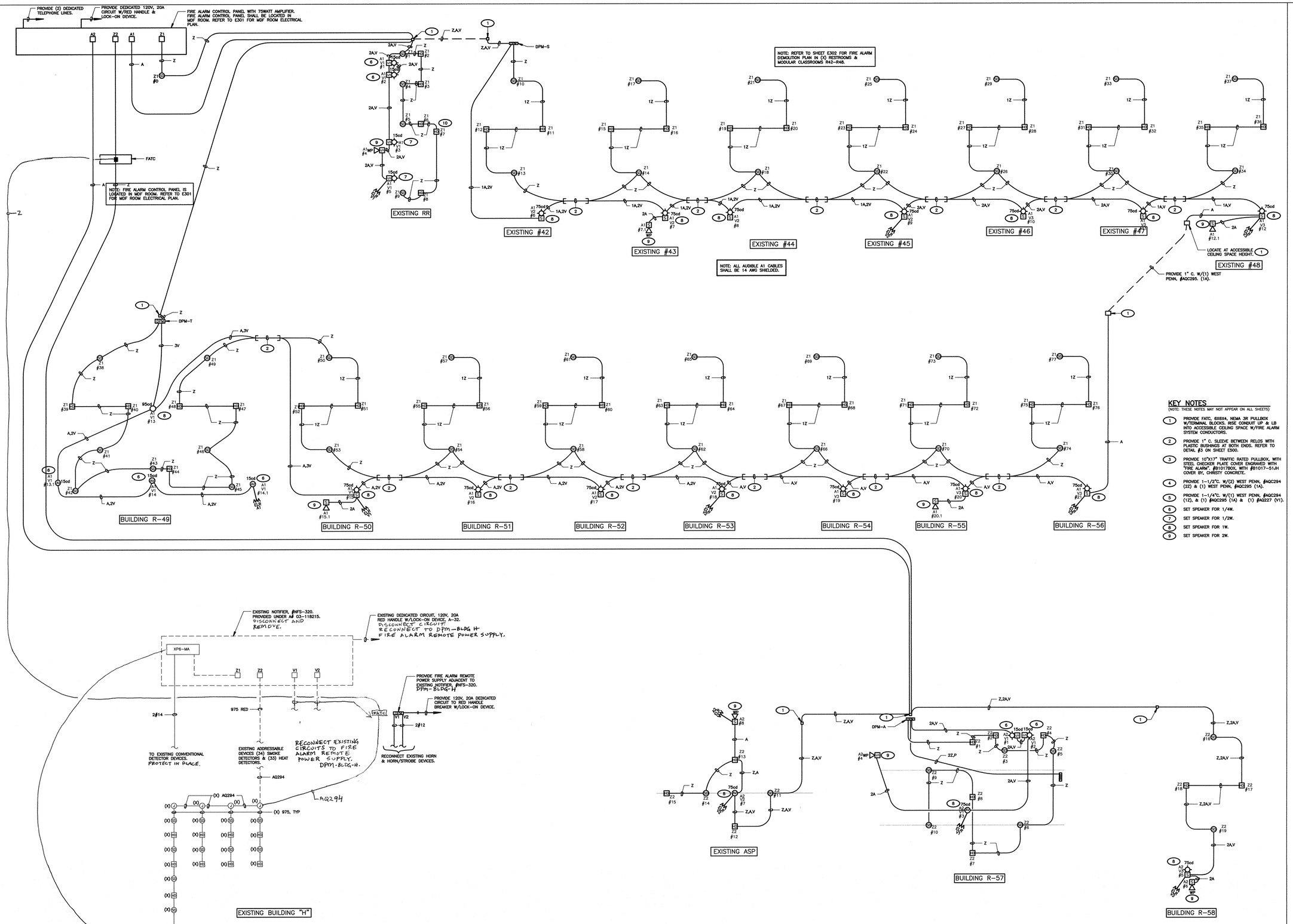
SHEET TITLE

EXISTING RESTROOM & MODULAR CLASSROOMS R42-R48 FIRE ALARM DEMOLITION PLAN, FIRE ALARM DETAILS

SHEET NUMBER

E302

CONSTRUCTION DOCUMENTS



KEY NOTES

(NOTE: THESE NOTES MAY NOT APPEAR ON ALL SHEETS)

1. PROVIDE FATC, 6X6X4, NEMA 3R PULLBOX W/TERMINAL BLOCKS. RISE CONDUIT UP & LB INTO ACCESSIBLE CEILING SPACE W/FIRE ALARM SYSTEM CONDUCTORS.
2. PROVIDE 1" C. SLEEVE BETWEEN RELOS WITH PLASTIC BUSHINGS AT BOTH ENDS. REFER TO DETAIL #3 ON SHEET E500.
3. PROVIDE 10"X17" TRAFFIC RATED PULLBOX, WITH STEEL CHECKER PLATE COVER ENGRAVED WITH "FIRE ALARM". #B10178DX, WITH #B1017-51JH COVER BY, CHRISTY CONCRETE.
4. PROVIDE 1-1/2"C. W/(2) WEST PENN, #AQC294 (2Z) & (1) WEST PENN, #AQC295 (1A).
5. PROVIDE 1-1/4"C. W/(1) WEST PENN, #AQC294 (1Z), & (1) #AQC295 (1A) & (1) #AQ227 (V1).
6. SET SPEAKER FOR 1/4W.
7. SET SPEAKER FOR 1/2W.
8. SET SPEAKER FOR 1W.
9. SET SPEAKER FOR 2W.

1 FIRE ALARM RISER DIAGRAM
SCALE: NOT TO SCALE

AGENCY INFORMATION:

AGENCY TRACKING NO. 63321-355
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BAKERSFIELD CITY SCHOOL DISTRICT

BAKERSFIELD CITY SCHOOL DISTRICT — Where The Child Comes First

BESSIE OWENS E.S. TEMPORARY MODULAR BUILDINGS
815 POTOMAC AVE, BAKERSFIELD, CA 93307

OPSC or OSHPD PROJ. NO:	N/A
PROJECT NO:	118932
DRAWN BY:	V.Z.
CHK'D BY:	D.F.
ISSUE DATE:	8/19/2019

SHEET TITLE

FIRE ALARM RISER DIAGRAM

SHEET NUMBER

E303

CONSTRUCTION DOCUMENTS

STROBE CIRCUIT VOLTAGE DROP CALCULATIONS

POWER SUPPLY #	LOCATED IN	LOOP TYPE & No.	DEVICES: FA. BELL	DOOR HOLDER	WALL 15cd	WALL 75cd	STROBES 15cd	STROBES 30cd	STROBES 75cd	STROBES 95cd	WIRE SIZE	WIRE DC RESIST. /1000'	TOTAL ALARM CURRENT	ONE-WAY LOOP LENGTH FROM POWER SUPPLY TO MIDDLE OF	TOTAL VD	VOLTAGE DROP	MINIMUM BATTERY SIZE	BATTERY SELECTED
			Alarm Current - I(a) (Amp)															
			0.03	0.02	0.043	0.107	0.041	0.063	0.111	0.134	AWG	OHMS	AMPS	FEET	VOLTS	%	AH	AH
DPM-S		V1				4					12	1.93	0.172	88	0.058	0.24		SEE
		V2					4				12	1.93	0.428	177	0.292	1.22		DPM-S
		V3				3					12	1.93	0.321	273	0.336	1.41		BATTERY
		V4									12	1.93						CALCS
											12	1.93						
											12	1.93					1.87	4.0
											12	1.93						
											12	1.93						
											12	1.93						

STROBE CIRCUIT VOLTAGE DROP CALCULATIONS

POWER SUPPLY #	LOCATED IN	LOOP TYPE & No.	DEVICES: FA. BELL	DOOR HOLDER	WALL 15cd	WALL 75cd	STROBES 15cd	STROBES 30cd	STROBES 75cd	STROBES 95cd	WIRE SIZE	WIRE DC RESIST. /1000'	TOTAL ALARM CURRENT	ONE-WAY LOOP LENGTH FROM POWER SUPPLY TO MIDDLE OF	TOTAL VD	VOLTAGE DROP	MINIMUM BATTERY SIZE	BATTERY SELECTED
			Alarm Current - I(a) (Amp)															
			0.03	0.02	0.043	0.107	0.041	0.063	0.111	0.134	AWG	OHMS	AMPS	FEET	VOLTS	%	AH	AH
DPM-T		V1				1	3			1	12	1.93	0.364	273	0.384	1.60		SEE
		V2				3					12	1.93	0.321	213	0.264	1.10		DPM-T
		V3				3					12	1.93	0.321	297	0.368	1.53		BATTERY
		V4									12	1.93						CALCS
											12	1.93						
											12	1.93					1.87	4.0
											12	1.93						
											12	1.93						
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STROBE CIRCUIT VOLTAGE DROP CALCULATIONS

POWER SUPPLY #	LOCATED IN	LOOP TYPE & No.	DEVICES: FA. BELL	DOOR HOLDER	WALL 15cd	WALL 75cd	STROBES 15cd	STROBES 30cd	STROBES 75cd	STROBES 95cd	WIRE SIZE	WIRE DC RESIST. /1000'	TOTAL ALARM CURRENT	ONE-WAY LOOP LENGTH FROM POWER SUPPLY TO MIDDLE OF	TOTAL VD	VOLTAGE DROP	MINIMUM BATTERY SIZE	BATTERY SELECTED
			Alarm Current - I(a) (Amp)															
			0.03	0.02	0.043	0.107	0.041	0.063	0.111	0.134	AWG	OHMS	AMPS	FEET	VOLTS	%	AH	AH
DPM-A		V1				2				1	12	1.93	0.197	85	0.085	0.27		SEE
		V2								1	12	1.93	0.111	215	0.092	0.35		DPM-A
		V3					1				12	1.93	0.107	169	0.070	0.29		BATTERY
		V4									12	1.93						CALCS
											12	1.93						
											12	1.93					1.87	4.0
											12	1.93						
											12	1.93						
											12	1.93						

FORMULAS USED FOR CALCULATIONS:

FORMULA FOR BATTERY SIZING:
FOR FACP/FAPS/DPM – 24 HOURS STANDBY & 15 MIN IN ALARM:
AMP HOUR = 1.2D [(24 HOURS X I(S)) + (15/60 HOUR X I(A))]

WHERE,
1.2D = BATTERY DERATING VALUE
I(S) = TOTAL SUPERVISORY CURRENT (0 FOR NOTIFICATION DEVICES AND 48 mA FOR FCPS-24)
I(A) = TOTAL ALARM CURRENT

FORMULA FOR VOLTAGE DROP CALCULATIONS

TOTAL DC RESISTANCE = # OF WIRES X Rdc/1000 X ONE-WAY LOOP LENGTH FROM POWER SUPPLY TO MIDDLE OF LOAD

TOTAL VD = TOTAL DC RESISTANCE X TOTAL ALARM CURRENT

MINIMUM VOLTAGE AT DEVICES = 20.4V – TOTAL VD
20.4V = MINIMUM VOLTAGE AT END OF USEFUL BATTERY LIFE (85% OF 24VDC)

NOTE:
THE MANUFACTURER'S OPERATING VOLTAGE IS BETWEEN 16VDC AND 33 VDC (FOR 24VDC NOMINAL)

BCSD OWENS PRIMARY()

"DPM-BLDG H" POWER & BATTERY CALCULATION

DEVICE / PANEL			FACP		
DESCRIPTION	STAND-BY (mA)	ALARM (mA)	QUANTITY	STAND-BY (mA)	ALARM (mA)
FIRE ALARM REMOTE POWER SUPPLY	130	130	1	130	130
EXISTING EXTERIOR HORN		66	7		462
EXISTING INTERIOR HORN		44	1		44
EXISTING INTERIOR STROBE 15cd		40	9		387
TOTALS (AMPS):				I(s)	I(a)
				0.130	1.044
Amp Hour:			4.06		
Battery to be provided -			7.0		

Application Drawing

APP-02
0102R2

Field Wiring Guidelines

Wire Type:

The speaker circuits of most voice evacuation systems will typically be classified as power limited wiring. As such, these speaker circuits can be run with other fire alarm wiring without ill effects.

No special cabling is required for the speaker circuits. Standard FPL or FPLP wire is sufficient. Twisted pair or shielding twisted pair wiring is not necessary.

There is one exception, however. Certain addressable systems may generate extraneous noise from their addressable loop, and cannot be run using shielded cable. In this case, shielding of the evacuation speaker circuit will help to eliminate noise picked up by and heard in speakers during standby operation, and possible interference with the addressable loop.

Wire Gauge:

Generally, #18 AWG will be adequate for speaker circuits. The only time that heavier wire is needed is when load is high, and wire runs are long. But remember, it never hurts to go with heavier wire. So if a #16 or #14 AWG pair is being pulled for strobes, it is often easier and less costly to pull the same wire for the evacuation speaker circuits.

The table below illustrates typical wire lengths for specific wire gauge and speaker load:*

At 25VRMS Output:

Power	#18 AWG	#16AWG	#14 AWG	#12AWG
10W	1,900	3,050	4,850	7,700
15W	1,280	2,030	3,230	5,140
25W	760	1,220	1,930	3,080

At 70VRMS Output:

Power	#18 AWG	#16AWG	#14 AWG	#12AWG
10W	15,200	24,200	38,360	61,100
15W	10,130	16,130	25,570	40,730
25W	6,080	9,680	15,340	24,440

* This table assumes that there is an even distribution of the speaker load on the speaker circuit, and that a 20% drop at the last device is allowable. If an even distribution of load is not the case, reduce all wire runs by 1/2.

1 SPEAKER CIRCUIT WIRING GUIDELINES

NOT TO SCALE

SPEAKER CIRCUIT OPERATING VOLTAGE = 25V RMS
SPEAKER CIRCUIT A1 LOAD = 27.25 WATTS
APPROXIMATE LENGTH OF SPEAKER CIRCUIT A1 = 1,803 FEET
REFER TO SPEAKER CIRCUIT WIRING GUIDELINES. A MAXIMUM SPEAKER CIRCUIT LENGTH OF 1,930 FEET IS ALLOWED FOR #14 AWG CONDUCTORS AT A 25W LOAD.

SPEAKER CIRCUIT A2 LOAD = 9.5 WATTS
APPROXIMATE LENGTH OF SPEAKER CIRCUIT A2 = 1,500 FEET
REFER TO SPEAKER CIRCUIT WIRING GUIDELINES. A MAXIMUM SPEAKER CIRCUIT LENGTH OF 3,050 FEET IS ALLOWED FOR #16 AWG CONDUCTORS AT A 10W LOAD.

2 SPEAKER CIRCUIT WATTAGE AND CIRCUIT LENGTH INFORMATION

NOT TO SCALE

OWENS PRIMARY

"FACP" POWER & BATTERY CALCULATION

DEVICE / PANEL			FACP		
DESCRIPTION	STAND-BY (mA)	ALARM (mA)	QUANTITY	STAND-BY (mA)	ALARM (mA)
FIRE ALARM CONTROL PANEL	120	120	1	120	120
LCD-160 (BACKLIGHT OFF)	75	100	1	75	100
ACPS-610	130	130	1	130	130
KEYBOARD DISPLAY	220	220	1	220	220
UDACT-2	52	87	1	52	87
EXISTING XP6-MA		90	1		90
SLC LOOP		200	2		400
DVC-EM	300	300	1	300	300
DVC-KD	60	60	1	60	60
DAA2-7525	400	500	1	400	500
SMOKE DETECTORS	0.2	4.5	49	9.8	220.5
HEAT DETECTORS	0.2	4.5	48	9.6	216
LCM-320	130	130	1	130	130
LEM-320	100	100	1	100	100
EXISTING SMOKE DETECTORS	0.2	4.5	34	6.8	153
EXISTING HEAT DETECTORS	0.2	4.5	33	6.6	148.5
TOTALS (AMPS):				I(s)	I(a)
				1.620	2.795
Amp Hour:			47.54		
Battery to be provided -			55.0		

BCSD OWENS PRIMARY()

"DPM-S" POWER & BATTERY CALCULATION

DEVICE / PANEL			FACP		
DESCRIPTION	STAND-BY (mA)	ALARM (mA)	QUANTITY	STAND-BY (mA)	ALARM (mA)
FIRE ALARM REMOTE POWER SUPPLY	130	130	1	130	130
SPEAKER/STROBE INTERIOR CEILING 75cd		111			
SPEAKER/STROBE INTERIOR CEILING 30cd		63			
SPEAKER/STROBE INTERIOR CEILING 15cd		41			
SPEAKER/STROBE INTERIOR WALL MOUNT 15cd		43	4		172
SPEAKER/STROBE INTERIOR WALL MOUNT 75cd		107	7		749
TOTALS (AMPS):				I(s)	I(a)
				0.130	1.051
Amp Hour:			4.06		
Battery to be provided -			7.0		

BCSD OWENS PRIMARY()

"DPM-T" POWER & BATTERY CALCULATION

DEVICE / PANEL			FACP		
DESCRIPTION	STAND-BY (mA)	ALARM (mA)	QUANTITY	STAND-BY (mA)	ALARM (mA)
FIRE ALARM REMOTE POWER SUPPLY	130	130	1	130	130
SPEAKER/STROBE INTERIOR CEILING 95cd		134	1		134
SPEAKER/STROBE INTERIOR CEILING 75cd		111			
SPEAKER/STROBE INTERIOR CEILING 30cd		63			
SPEAKER/STROBE INTERIOR CEILING 15cd		41	3		123
SPEAKER/STROBE INTERIOR WALL MOUNT 15cd		43			
SPEAKER/STROBE INTERIOR WALL MOUNT 75cd		107	7		749
TOTALS (AMPS):				I(s)	I(a)
				0.130	1.136
Amp Hour:			4.08		
Battery to be provided -			7.0		

BCSD OWENS PRIMARY()

"DPM-A" POWER & BATTERY CALCULATION

DEVICE / PANEL			FACP		
DESCRIPTION	STAND-BY (mA)	ALARM (mA)	QUANTITY	STAND-BY (mA)	ALARM (mA)
FIRE ALARM REMOTE POWER SUPPLY	130	130	1	130	130
SPEAKER/STROBE INTERIOR CEILING 95cd		134			
SPEAKER/STROBE INTERIOR CEILING 75cd		111	2		222
SPEAKER/STROBE INTERIOR CEILING 30cd		63			
SPEAKER/STROBE INTERIOR CEILING 15cd		41			
SPEAKER/STROBE INTERIOR WALL MOUNT 15cd		43	2		86
SPEAKER/STROBE INTERIOR WALL MOUNT 75cd		107	1		107
TOTALS (AMPS):				I(s)	I(a)
				0.130	0.545
Amp Hour:			3.91		
Battery to be provided -			7.0		

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BAKERSFIELD CITY SCHOOL DISTRICT

BESSIE OWENS E.S. TEMPORARY MODULAR BUILDINGS
815 POTOMAC AVE, BAKERSFIELD, CA 93307

OPSC or OSHPD PROJ. NO:	N/A
PROJECT NO:	118932
DRAWN BY:	V.Z.
CHK'D BY:	D.F.
ISSUE DATE:	8/19/2019

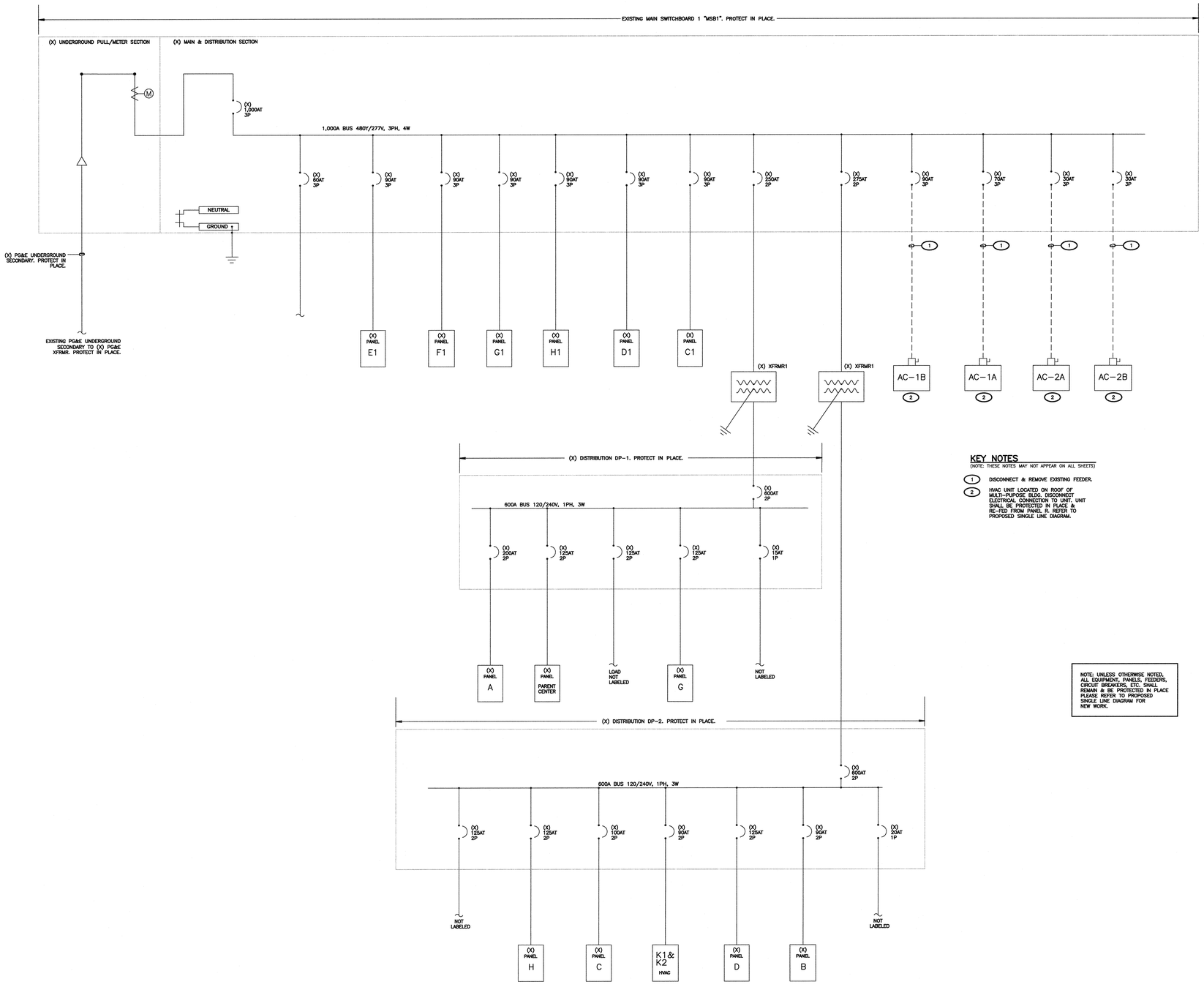
SHEET TITLE

FIRE ALARM VOLTAGE DROP AND BATTERY CALCULATIONS

SHEET NUMBER

E304

CONSTRUCTION DOCUMENTS



KEY NOTES
(NOTE: THESE NOTES MAY NOT APPEAR ON ALL SHEETS)

1. DISCONNECT & REMOVE EXISTING FEEDER.
2. HVAC UNIT LOCATED ON ROOF OF MULTI-PURPOSE BLDG. DISCONNECT ELECTRICAL CONNECTION TO UNIT. UNIT SHALL BE PROTECTED IN PLACE & RE-FED FROM PANEL R. REFER TO PROPOSED SINGLE LINE DIAGRAM.

NOTE: UNLESS OTHERWISE NOTED, ALL EQUIPMENT, PANELS, FEEDERS, CIRCUIT BREAKERS, ETC., SHALL REMAIN & BE PROTECTED IN PLACE PLEASE REFER TO PROPOSED SINGLE LINE DIAGRAM FOR NEW WORK.

SHEET NOTES

1. VERIFY LOCATION OF ALL BUILDINGS AND APPENDITURES ON ARCHITECTURAL AND CIVIL PLANS.
2. CONTRACTOR SHALL VERIFY LOCATION & REQUIREMENTS OF ALL DEVICES/EQUIPMENT REQUIRING ELECTRICAL CONNECTION PRIOR TO BID PROPOSAL, ROUGH-IN, AND FINISH.
3. CONTRACTOR SHALL, IN ROUTING ALL CIRCUITS, INCREASE CONDUCTOR & CONDUIT SIZE TO ALLOW FOR VOLTAGE DROP SHOULD THE CONTRACTOR EXCEED ROUTING INDICATED ON DRAWINGS. ENGINEER OF RECORD MUST BE NOTIFIED PRIOR TO ANY DEVIATIONS FROM APPROVED PLAN CHECK (PERMIT SET) DRAWINGS.
4. ALL 90 DEGREE CONDUIT BENDS AND RISERS SHALL BE PVC COATED RIGID STEEL.
5. VERIFY LOCATION OF ALL EQUIPMENT ON ARCHITECTURAL AND CIVIL PLANS.
6. PROVIDE CODE SIZED EQUIPMENT GROUNDING CONDUCTORS IN ALL OCCUPIED CONDUITS.
7. 1" CONDUIT MINIMUM UNDERGROUND.
8. COORDINATE WORK WITH OTHER TRADES. OBTAIN ALL DRAWINGS THAT WILL REQUIRE COORDINATION AND PROVIDE ALL ELECTRICAL CONNECTIONS, DEVICES, AND WIRING REQUIRED. WHETHER SHOWN ON THE ELECTRICAL DRAWINGS OR NOT.
9. CONTRACTOR SHALL FURNISH AND INSTALL PULL BOXES AS REQUIRED TO INSTALL CONDUCTORS PER CONDUCTOR MANUFACTURERS RECOMMENDATIONS, PER THE NATIONAL ELECTRICAL CODE, AND PER LOCAL AUTHORITIES HAVING JURISDICTION.
10. FIELD CONDITIONS GOVERN DEMOLITION AND NEW CONSTRUCTION. CONTRACTOR SHALL VERIFY ACTUAL CONDITIONS PRIOR TO START OF WORK. THE ARCHITECT/ENGINEER SHALL BE NOTIFIED OF POSSIBLE FIELD PROBLEMS PRIOR TO DEMOLITION.
11. ALL EMPTY CONDUITS SHALL BE PROVIDED WITH DIMENSIONED NYLON PULL STRING.
12. CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO ANY EXCAVATION OR TRENCHING. CONTRACTOR SHALL PROTECT ALL EXISTING/REMAINING UTILITIES IN PLACE. CONTRACTOR, AT HIS SOLE EXPENSE, SHALL REPAIR ANY UTILITY SYSTEMS DAMAGED DURING CONSTRUCTION.
13. UNLESS NOTED OTHERWISE, ALL DEVICES AND TERMINATIONS SHALL BE RATED FOR 75 DEGREES CELSIUS.
14. ALL CONDUCTORS #6 AND SMALLER SHALL BE THHN/THWN CU. ALL CONDUCTORS #6 AND LARGER SHALL BE XHHW-2 CU.
15. PER CEC 110.24, SERVICE EQUIPMENT SHALL BE LEGIBLY MARKED IN THE FIELD WITH THE MAXIMUM AVAILABLE FAULT CURRENT. THE FIELD MARKING(S) SHALL INCLUDE THE DATE THE FAULT CURRENT CALCULATION WAS PERFORMED AND BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED.
16. PER CEC 110.16, ELECTRICAL EQUIPMENT, SUCH AS SWITCHBOARDS, PANELBOARDS, INDUSTRIAL CONTROL PANELS, METER SOCKET ENCLOSURES, AND MOTOR CONTROL CENTERS SHALL BE FIELD MARKED TO WARN QUALIFIED PERSONS OF POTENTIAL ELECTRIC ARC FLASH HAZARDS. THE MARKING SHALL BE LOCATED SO AS TO BE CLEARLY VISIBLE TO QUALIFIED PERSONS BEFORE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE OF THE EQUIPMENT.

1 EXISTING SINGLE LINE DIAGRAM
SCALE: 1/8" = 1'-0"

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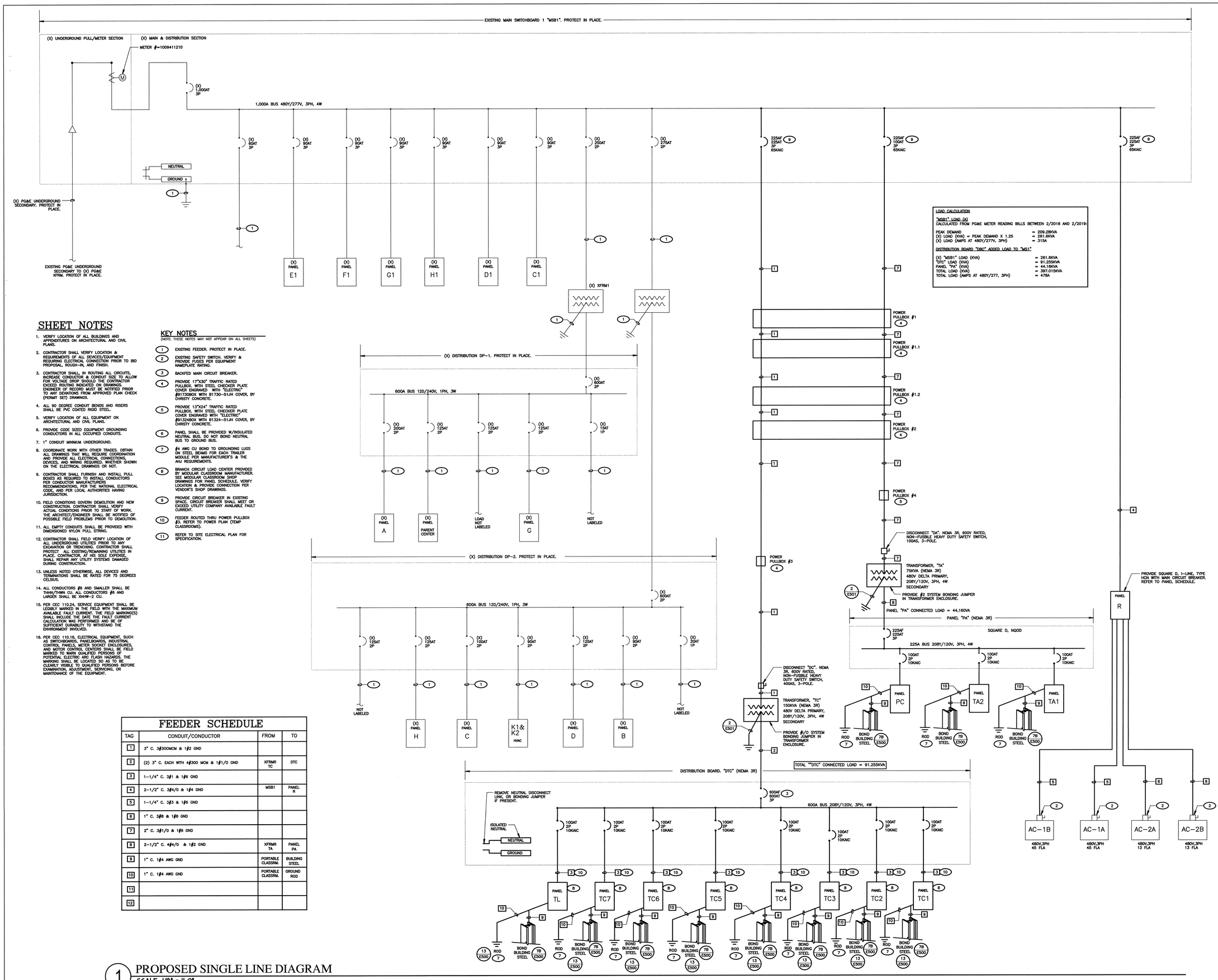
SHEET TITLE

EXISTING SINGLE LINE DIAGRAM

SHEET NUMBER

E400

CONSTRUCTION DOCUMENTS



SHEET NOTES

1. VERIFY LOCATION OF ALL BUILDINGS AND APPENDITURES ON ARCHITECTURAL AND CIVIL PLANS.
2. CONTRACTOR SHALL VERIFY LOCATION & REQUIREMENTS OF ALL DEVICES/EQUIPMENT REQUIRING ELECTRICAL CONNECTION PRIOR TO BID PROPOSAL, ROUGH-IN, AND FINISH.
3. CONTRACTOR SHALL, IN ROUTING ALL CIRCUITS, INCREASE CONDUCTOR & CONDUIT SIZE TO ALLOW FOR VOLTAGE DROP SHOULD THE CONTRACTOR EXCEED ROUTING INDICATED ON DRAWINGS. ENGINEER OF RECORD MUST BE NOTIFIED PRIOR TO ANY DEVIATIONS FROM APPROVED PLAN CHECK (PERMIT SET) DRAWINGS.
4. ALL 90 DEGREE CONDUIT BENDS AND RISERS SHALL BE PVC COATED RIGID STEEL.
5. VERIFY LOCATION OF ALL EQUIPMENT ON ARCHITECTURAL AND CIVIL PLANS.
6. PROVIDE CODE SIZED EQUIPMENT GROUNDING CONDUCTORS IN ALL OCCUPIED CONDUITS.
7. 1" CONDUIT MINIMUM UNDERGROUND.
8. COORDINATE WORK WITH OTHER TRADES. OBTAIN ALL DRAWINGS THAT WILL REQUIRE COORDINATION AND PROVIDE ALL ELECTRICAL CONNECTIONS, DEVICES, AND WIRING REQUIRED. WHETHER SHOWN ON THE ELECTRICAL DRAWINGS OR NOT.
9. CONTRACTOR SHALL FURNISH AND INSTALL PULL BOXES AS REQUIRED TO INSTALL CONDUCTORS PER CONDUCTOR MANUFACTURERS RECOMMENDATIONS, PER THE NATIONAL ELECTRICAL CODE, AND PER LOCAL AUTHORITIES HAVING JURISDICTION.
10. FIELD CONDITIONS GOVERN DEMOLITION AND NEW CONSTRUCTION. CONTRACTOR SHALL VERIFY ACTUAL CONDITIONS PRIOR TO START OF WORK. THE ARCHITECT/ENGINEER SHALL BE NOTIFIED OF POSSIBLE FIELD PROBLEMS PRIOR TO DEMOLITION.
11. ALL EMPTY CONDUITS SHALL BE PROVIDED WITH DIMENSIONED NYLON PULL STRING.
12. CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO ANY EXCAVATION OR TRENCHING. CONTRACTOR SHALL PROTECT ALL EXISTING/REMAINING UTILITIES IN PLACE. CONTRACTOR, AT HIS SOLE EXPENSE, SHALL REPAIR ANY UTILITY SYSTEMS DAMAGED DURING CONSTRUCTION.
13. UNLESS NOTED OTHERWISE, ALL DEVICES AND TERMINATIONS SHALL BE RATED FOR 75 DEGREES CELSIUS.
14. ALL CONDUCTORS #8 AND SMALLER SHALL BE THHN/THWN CU. ALL CONDUCTORS #6 AND LARGER SHALL BE XHHW-2 CU.
15. PER CEC 110.24, SERVICE EQUIPMENT SHALL BE LEGIBLY MARKED IN THE FIELD WITH THE MAXIMUM AVAILABLE FAULT CURRENT. THE FIELD MARKING(S) SHALL INCLUDE THE DATE THE FAULT CURRENT CALCULATION WAS PERFORMED AND BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED.
16. PER CEC 110.16, ELECTRICAL EQUIPMENT, SUCH AS SWITCHBOARDS, PANELBOARDS, INDUSTRIAL CONTROL PANELS, METER SOCKET ENCLOSURES, AND MOTOR CONTROL CENTERS SHALL BE FIELD MARKED TO WARN QUALIFIED PERSONS OF POTENTIAL ELECTRIC ARC FLASH HAZARDS. THE MARKING SHALL BE LOCATED SO AS TO BE CLEARLY VISIBLE TO QUALIFIED PERSONS BEFORE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE OF THE EQUIPMENT.

KEY NOTES

(NOTE: THESE NOTES MAY NOT APPEAR ON ALL SHEETS)

1. EXISTING FEEDER. PROTECT IN PLACE.
2. EXISTING SAFETY SWITCH. VERIFY & PROVIDE FUSES PER EQUIPMENT NAMEPLATE RATING.
3. BACKFED MAIN CIRCUIT BREAKER.
4. PROVIDE 17"X30" TRAFFIC RATED PULLBOX. WITH STEEL CHECKER PLATE COVER ENGRAVED WITH "ELECTRIC" #B1730BOX WITH B1730-51JH COVER, BY CHRISTY CONCRETE.
5. PROVIDE 13"X24" TRAFFIC RATED PULLBOX. WITH STEEL CHECKER PLATE COVER ENGRAVED WITH "ELECTRIC" #B1324BOX WITH B1324-51JH COVER, BY CHRISTY CONCRETE.
6. PANEL SHALL BE PROVIDED W/INSULATED NEUTRAL BUS. DO NOT BOND NEUTRAL BUS TO GROUND BUS.
7. #4 AWG CU BOND TO GROUNDING LUGS ON STEEL BEAMS FOR EACH TRAILER MODULE PER MANUFACTURER'S & THE AHJ REQUIREMENTS.
8. BRANCH CIRCUIT LOAD CENTER PROVIDED BY MODULAR CLASSROOM MANUFACTURER. SEE MODULAR CLASSROOM SHOP DRAWINGS FOR PANEL SCHEDULE. VERIFY LOCATION & PROVIDE CONNECTION PER VENDOR'S SHOP DRAWINGS.
9. PROVIDE CIRCUIT BREAKER IN EXISTING SPACE. CIRCUIT BREAKER SHALL MEET OR EXCEED UTILITY COMPANY AVAILABLE FAULT CURRENT.
10. FEEDER ROUTED THRU POWER PULLBOX #3. REFER TO POWER PLAN (TEMP CLASSROOMS).
11. REFER TO SITE ELECTRICAL PLAN FOR SPECIFICATION.

FEEDER SCHEDULE

TAG	CONDUIT/CONDUCTOR	FROM	TO
1	3" C. 3#300MCM & 1#2 GND		
2	(2) 3" C. EACH WITH 4#300 MCM & 1#1/0 GND	XFRMR TC	DTC
3	1-1/4" C. 3#1 & 1#6 GND		
4	2-1/2" C. 3#4/0 & 1#4 GND	MSB1	PANEL R
5	1-1/4" C. 3#3 & 1#6 GND		
6	1" C. 3#8 & 1#8 GND		
7	2" C. 3#1/0 & 1#6 GND		
8	2-1/2" C. 4#4/0 & 1#2 GND	XFRMR TA	PANEL PA
9	1" C. 1#4 AWG GND	PORTABLE CLASSRM.	BUILDING STEEL
10	1" C. 1#4 AWG GND	PORTABLE CLASSRM.	GROUND ROD
11			
12			

1 PROPOSED SINGLE LINE DIAGRAM
SCALE: 1/8" = 1'-0"

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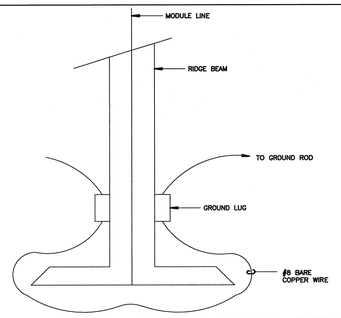
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PROPOSED SINGLE LINE DIAGRAM

SHEET NUMBER

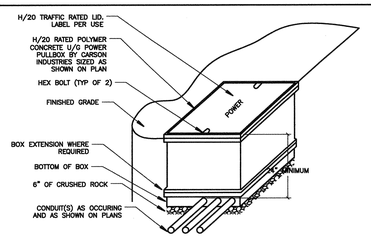
E401

CONSTRUCTION DOCUMENTS



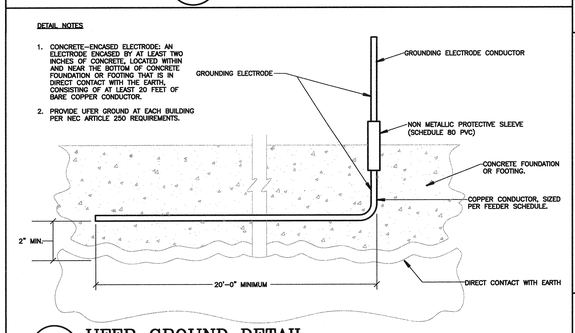
9 RELOCATABLE MODULE BONDING DETAIL

NOT TO SCALE



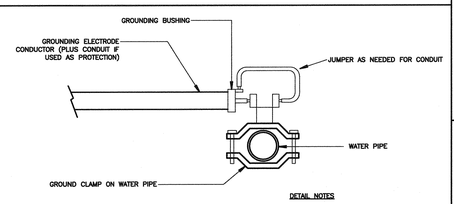
10 TYPICAL PULL BOX DETAIL

SCALE: NOT TO SCALE



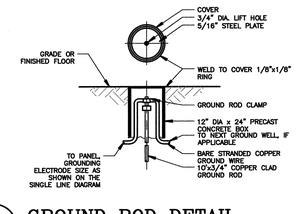
11 UFER GROUND DETAIL

SCALE: NOT TO SCALE



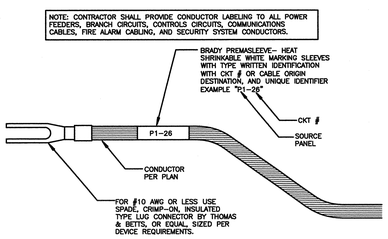
12 COLD WATER GROUND DETAIL

SCALE: NOT TO SCALE

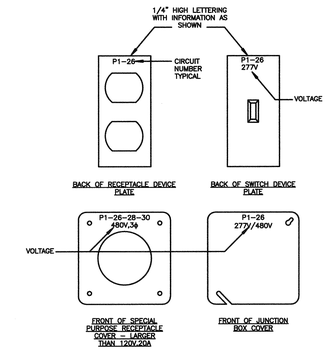


13 GROUND ROD DETAIL

SCALE: NOT TO SCALE



TYPICAL CONDUCTOR LABEL

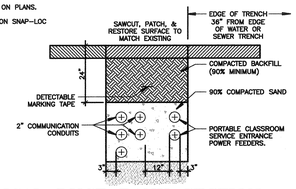


TYPICAL DEVICE COVER PLATE LABELING

6 TYPICAL LABELING DETAIL

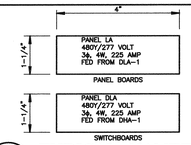
SCALE: NOT TO SCALE

NOTES:
1. CONDUIT QUANTITIES AS INDICATED ON PLANS.
2. ALL CONDUITS SHALL BE ON CARLON SNAP-LOC SPACERS - 8'-0" ON CENTER.



7 TYPICAL DUCT BANK SECTION

SCALE: NOT TO SCALE

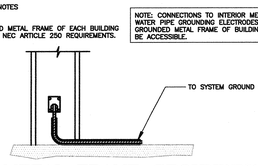


NOTE:
CONTRACTOR SHALL PROVIDE NAMEPLATES ON ALL ELECTRICAL EQUIPMENT INCLUDING, BUT NOT LIMITED TO, PANELBOARDS, FEEDER BREAKERS, PULLBOXES, GENERATORS, TRANSFER SWITCHES, DISCONNECTS, ETC.

IDENTIFICATION SHALL MATCH PROJECT SPECIFIC DETAILS

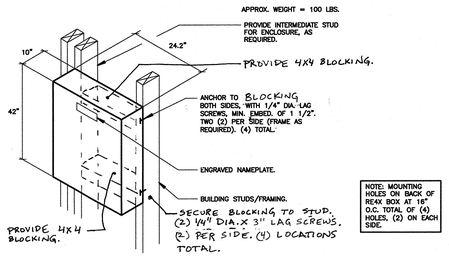
7A TYPICAL NAMEPLATE DETAILS

NOT TO SCALE



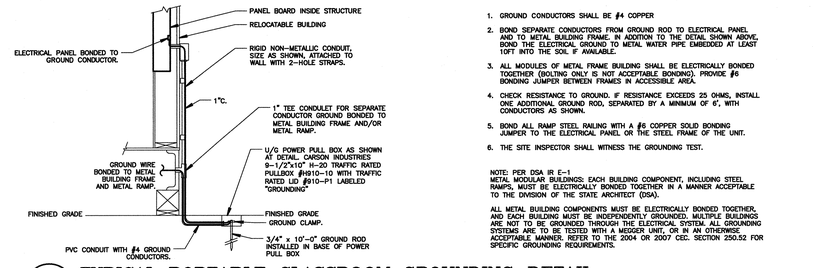
7B METAL FRAME GROUNDING DETAIL

SCALE: NOT TO SCALE



8 HUBBELL RE4X BOX MOUNTING DETAIL

NOT TO SCALE



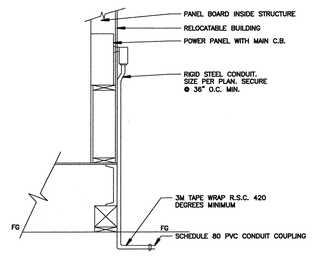
1. GROUND CONDUCTORS SHALL BE #4 COPPER
2. BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELECTRICAL PANEL AND TO METAL BUILDING FRAME. IN ADDITION TO THE DETAIL SHOWN ABOVE, BOND THE ELECTRICAL GROUND TO METAL WATER PIPE EMBEDDED AT LEAST 10FT INTO THE SOIL IF AVAILABLE.
3. ALL MODULES OF METAL FRAME BUILDING SHALL BE ELECTRICALLY BONDED TOGETHER (BOLTING ONLY IS NOT ACCEPTABLE BONDING). PROVIDE #6 BONDING JUMPER BETWEEN FRAMES IN ACCESSIBLE AREA.
4. CHECK RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ONE ADDITIONAL GROUND ROD, SEPARATED BY A MINIMUM OF 6', WITH CONDUCTORS AS SHOWN.
5. BOND ALL RAMP STEEL RAILING WITH A #6 COPPER SOLID BONDING JUMPER TO THE ELECTRICAL PANEL OR THE STEEL FRAME OF THE UNIT.
6. THE SITE INSPECTOR SHALL WITNESS THE GROUNDING TEST.

NOTE: PER DSA IR E-1
METAL MODULAR BUILDINGS: EACH BUILDING COMPONENT, INCLUDING STEEL RAMPS, MUST BE ELECTRICALLY BONDED TOGETHER IN A MANNER ACCEPTABLE TO THE DIVISION OF THE STATE ARCHITECT (DSA).

ALL METAL BUILDING COMPONENTS MUST BE ELECTRICALLY BONDED TOGETHER, AND EACH BUILDING MUST BE INDEPENDENTLY GROUNDED. MULTIPLE BUILDINGS ARE NOT TO BE GROUNDED THROUGH THE ELECTRICAL SYSTEM. ALL GROUNDING SYSTEMS ARE TO BE TESTED WITH A MEGGER UNIT, OR IN AN OTHERWISE ACCEPTABLE MANNER. REFER TO THE 2004 OR 2007 CEC. SECTION 250.52 FOR SPECIFIC GROUNDING REQUIREMENTS.

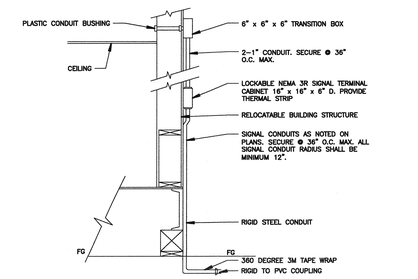
1 TYPICAL PORTABLE CLASSROOM GROUNDING DETAIL

SCALE: NOT TO SCALE



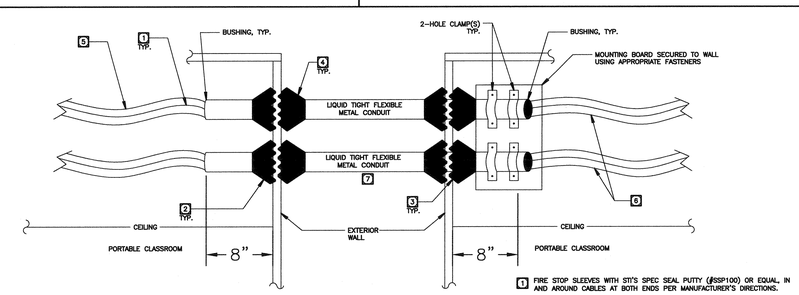
2 TYPICAL PORTABLE CLASSROOM POWER DETAIL

SCALE: NOT TO SCALE



3 TYPICAL PORTABLE CLASSROOM SIGNAL DETAIL

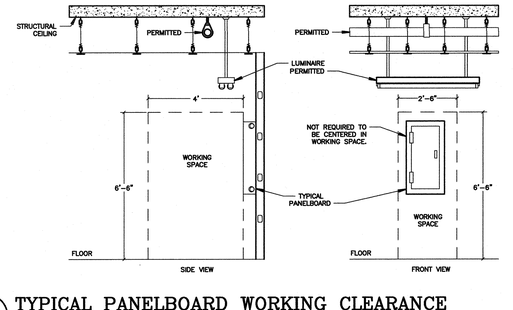
SCALE: NOT TO SCALE



1. FIRE STOP SLEEVES WITH STI'S SPEC SEAL PUTTY (#SSP100) OR EQUAL, IN AND AROUND CABLES AT BOTH ENDS PER MANUFACTURER'S DIRECTIONS.
2. 1/2" BEAD 30-YEAR SILICONE CAULK (CLEAR) INTERIOR WALL TYPICAL. DO NOT BOX/CLAMP THIS SIDE.
3. SILICONE CAULK PUSHED INTO BOTH WALL VOIDS FOR A WEATHERTIGHT SEAL.
4. 1/2" BEAD 50-YEAR SILICONE CAULK (CLEAR) EXTERIOR WALL TYPICAL.
5. CABLES TO BE SUPPORTED WITHIN 24" OF BUSHING. PROVIDE SLACK FOR SEISMIC EXPANSION.
6. MAINTAIN MINIMUM 2" BEND RADIUS FOR CABLES. PROVIDE SLACK FOR SEISMIC EXPANSION.
7. CONTRACTOR SHALL INSTALL LIQUID TIGHT SIDE BY SIDE W/ MINIMUM 2" SEPARATION. ENVIRONMENT WILL DICTATE BEST APPROACH. CONFIRM WITH A/U PRIOR TO INSTALLATION.

4 TYPICAL CONDUIT EXPANSION DETAIL

NOT TO SCALE



5 TYPICAL PANELBOARD WORKING CLEARANCE

SCALE: NOT TO SCALE

AGENCY INFORMATION:

AGENCY TRACKING NO. 63321-355
FILE NO.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC ✓ FLS SCH SS
DATE SEP 30 2019

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BAKERSFIELD CITY SCHOOL DISTRICT

BESSIE OWENS E.S. TEMPORARY MODULAR BUILDINGS
815 POTOMAC AVE, BAKERSFIELD, CA 93307

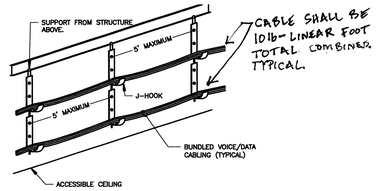
OPSC or OSHPD PROJ. NO:	N/A
PROJECT NO:	118932
DRAWN BY:	V.Z
CHK'D BY:	D.F.
ISSUE DATE:	8/19/2019

SHEET TITLE

ELECTRICAL DETAILS

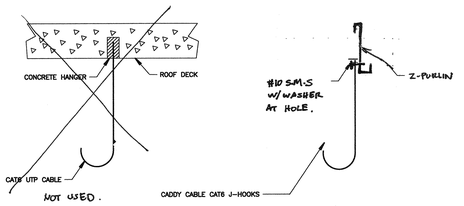
SHEET NUMBER

E500

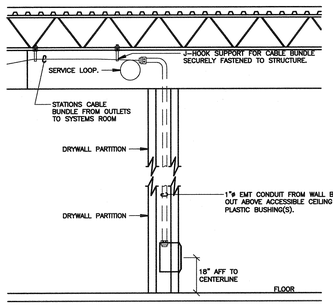


NOTE:
1. MOUNT J-HOOKS ON WALL PARTITIONS AT A MINIMUM OF 3" ABOVE FINISHED CEILING

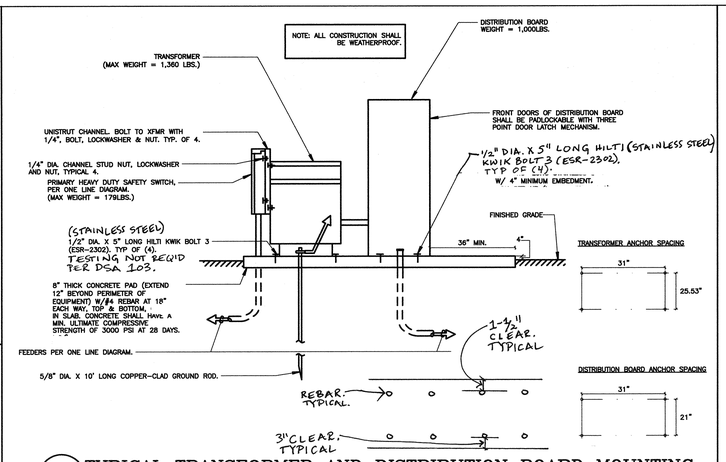
7 STRUCTURE MOUNTED J-HOOK DETAIL
NOT TO SCALE



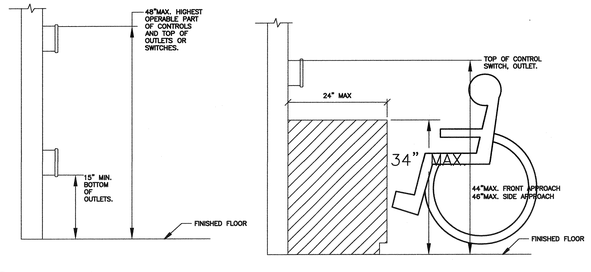
8 CABLE HANGER
NOT TO SCALE



9 TYPICAL WALL MOUNTED COMMUNICATION OUTLET
NOT TO SCALE

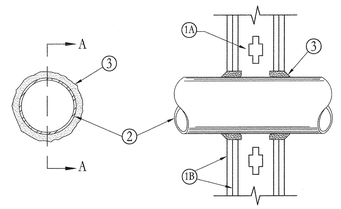


4 TYPICAL TRANSFORMER AND DISTRIBUTION BOARD MOUNTING
NOT TO SCALE



5 MOUNTING HEIGHT OVER OBSTRUCTION
NOT TO SCALE

System No. W-L-1001
June 15, 2005
F Ratings – 1, 2, 3 and 4 Hr (See Items 2 and 3)
T Ratings – 0, 1, 2, 3, and 4 Hr (See Item 3)
L Rating At Ambient – less than 1 CFM/sq ft
L Rating At 400 F – less than 1 CFM/sq ft



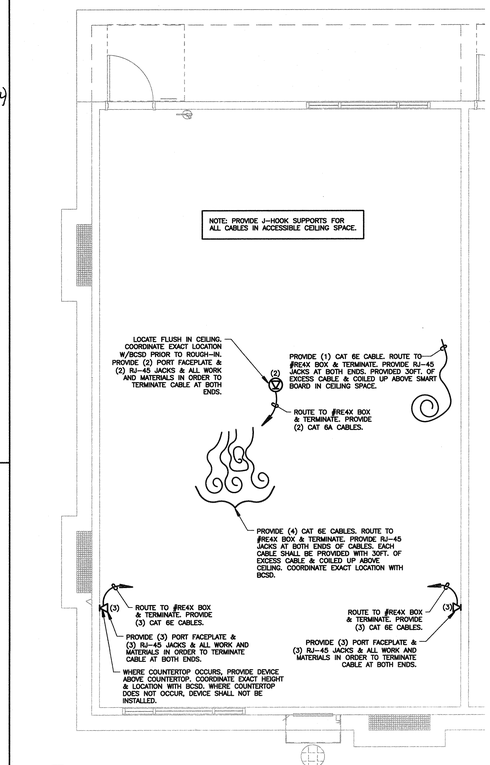
SECTION A-A

1. **Wall Assembly** – The 1, 2, 3 or 4 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner described in the individual U300 or U400 Series Wall or Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
   A. **Studs** – Wall framing may consist of either wood studs (max 2 hr fire rated assemblies) or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC with nom 2 by 4 in. (51 by 102 mm) lumber end plates and cross braces. Steel studs to be min 3-5/8 in. (92 mm) wide by 1-3/8 in. (35 mm) deep channels spaced max 24 in. (610 mm) OC.
   B. **Gypsum Board*** – Nom 1/2 or 5/8 in. (13 or 16 mm) thick, 4 ft. (122 cm) wide with square or tapered edges. The gypsum wallboard type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300 or U400 Series Design in the UL Fire Resistance Directory. Max diam of opening is 26 in. (660 mm).
2. **Through Penetrant** – One metallic pipe, conduit or tubing installed either concentrically or eccentrically within the firestop system. The annular space between pipe, conduit or tubing and periphery of opening shall be min of 0 in. (0 mm) (point contact) to max 2 in. (51 mm). Pipe, conduit or tubing to be rigidly supported on both sides of wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:
   A. **Steel Pipe** – Nom 24 in. (610 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.
   B. **Iron Pipe** – Nom 24 in. (610 mm) diam (or smaller) service weight (or heavier) cast iron soil pipe, nom 12 in. (305 mm) diam (or smaller) or Class 50 (or heavier) ductile iron pressure pipe.
   C. **Conduit** – Nom 6 in. (152 mm) diam (or smaller) steel conduit or nom 4 in. (102 mm) diam (or smaller) steel electrical metallic tubing
   D. **Copper Tubing** – Nom 6 in. (152 mm) diam (or smaller) Type L (or heavier) copper tubing
   E. **Copper Pipe** – Nom 6 in. (152 mm) diam (or smaller) Regular (or heavier) copper pipe.
   F. **Through Penetrating Product*** – **Flexible Metal Piping** – The following types of steel flexible metal gas piping may be used:
      1. Nom 2 in. (51 mm) diam (or smaller) steel flexible metal gas piping. Plastic covering on piping may or may not be removed on both sides of floor or wall assembly.
         OMEGA FLEX INC
      2. Nom 1 in. (25 mm) diam (or smaller) steel flexible metal gas piping. Plastic covering on piping may or may not be removed on both sides of floor or wall assembly.
         TITEFLEX CORP
         A BUNDY CO
      3. Nom 1 in. (25 mm) diam (or smaller) steel flexible metal gas piping. Plastic covering on piping may or may not be removed on both sides of floor or wall assembly.
         WARD MFG INC
3. **Fill, Void or Cavity Material*** – **Caulk or Sealant** – Min 5/8. 1-1/4,1-7/8 and 2-1/2 in. (16, 32, 48 and 64 mm) thickness of caulk for 1, 2, 3 and 4 hr rated assemblies, respectively, applied within annulus, flush with both surfaces of wall. Min 1/4 in. (6 mm) diam bead of caulk applied to gypsum board/penetrant interface at point contact location on both sides of wall. The hourly F Rating of the firestop system is dependent upon the hourly fire rating of the wall assembly in which it is installed, as shown in the following table. The hourly T Rating of the firestop system is dependent upon the type or size of the pipe or conduit and the hourly fire rating of the wall assembly in which it is installed, as tabulated below:

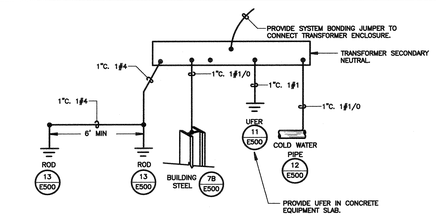
Max Pipe or Conduit Diam In. (mm)	F Rating Hr	T Rating Hr
1 (25)	1 or 2	0+, 1 or 2
1 (25)	3 or 4	3 or 4
4 (102)	1 or 2	0
6 (152)	3 or 4	0
12 (305)	1 or 2	0

+When copper pipe is used, T Rating is 0 hr.
3M COMPANY – CP 25WB+ caulk or FB-3000 WT sealant,
*Bearing the UL Classification Marking

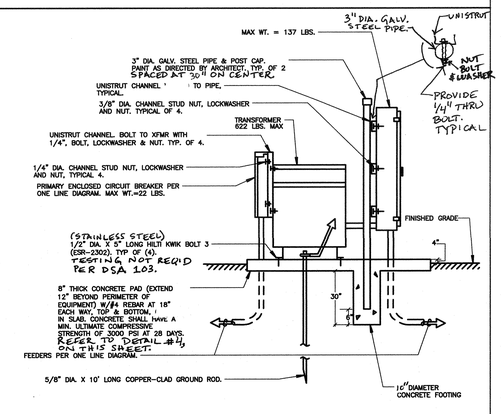
6 TYPICAL THROUGH PENETRATION FIRESTOP
SCALE: NOT TO SCALE



1 TYPICAL RELO CLASSROOM SIGNAL PLAN
NOT TO SCALE



2 SEPARATELY DERIVED SYSTEM GROUNDING & BONDING
SCALE: NOT TO SCALE



3 TYPICAL TRANSFORMER AND PANEL MOUNTING
NOT TO SCALE

AGENCY INFORMATION:

AGENCY TRACKING NO. 63321-355
FILE NO.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
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BAKERSFIELD CITY SCHOOL DISTRICT

BAKERSFIELD CITY SCHOOL DISTRICT "Where The Child Comes First"

BESSIE OWENS E.S. TEMPORARY MODULAR BUILDINGS
815 POTOMAC AVE, BAKERSFIELD, CA 93307

OPSC or OSHPD PROJ. NO:	N/A
PROJECT NO:	118932
DRAWN BY:	V.Z.
CHK'D BY:	D.F.
ISSUE DATE:	8/19/2019

SHEET TITLE

ELECTRICAL DETAILS

SHEET NUMBER

E501

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
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OFFICE OF REGULATION SERVICES
03-120134
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DATE SEP 30 2019

MODULAR BUILDING

BUILDING SIZES: ~~(2) 48'x 40' LOCKER ROOMS~~

ELITE MODULAR
STOCK PILE #18
~~(2) 48x40 LOCKER BLDGS~~

ELITE JOB #: EML1040

GENERAL NOTES	BUILDING DATA
SEE PC 04-114027 SHEET A-0	SEE PC 04-114027 SHEET A-0
WIND DESIGN DATA	
	SEE PC 04-114027 SHEET A-0
APPLICABLE STANDARDS	**EARTHQUAKE DESIGN DATA**
SEE PC 04-114027 SHEET A-0	SEE PC 04-114027 SHEET A-0
APPLICABLE CODES	
SEE PC 04-114027 SHEET A-0	

ELITE MODULAR
EML 1074
RELOCATION PACKAGE
FROM STOCK PILE TO SITE SPECIFIC
(x1) 48x40 LIBRARY BUILDING
S.N.s 13546-49
FOR BAKERSFIELD CITY SD
BESSIE OWENS PRIMARY SCHOOL

SHEET INDEX

PROJECT SPECIFIC SHEET INDEX

SHT NO.	ARCHITECTURAL
A-0N	COVER SHEET
A-1.03N	FLOOR PLAN - 48x40
A-1.04N	FLOOR BLOCKING PLAN
A-2.03N	REFLECTED CEILING PLAN - 48x40
A-4.04N	EXTERIOR ELEVATIONS - 48x40
A-6.03N	INTERIOR ELEVATIONS - 48x40
SHT NO.	**MECHANICAL**
M-1.03N	MECHANICAL PLAN - 48x40
SHT NO.	**ELECTRICAL**
E-1.03N	ELECTRICAL PLAN - 48x40

PC SHEET INDEX

SHT NO.	ARCHITECTURAL
A-0	COVER SHEET
~~A-0A~~	~~T & I FORMS~~
~~A-0.0~~	~~BUILDING OPTIONS SCHEDULE~~
~~A-0.1~~	~~SYMBOLS LEGEND, ABBREVIATION, AND ADA SIGNAGE~~
A-0.2	SCHEDULES
~~A-0.3~~	~~TYPICAL KEY PLANS - 24' TO 120' x 40'~~
~~A-0.3A~~	~~ENERGY CALC'S - PRF FORMS - ZONE 14 WORST CASE~~
~~A-0.3B~~	~~ENERGY CALC'S - PRF FORMS - ZONE 16 WORST CASE~~
~~A-0.3C~~	~~ENERGY CALC'S - PRF FORMS - ZONE 16 WORST CASE~~
~~A-0.3D~~	~~ENERGY CALC'S - ELC FORMS - 120' x 40' BUILDINGS~~
~~A-0.3E~~	~~ENERGY CALC'S - LTG / MSH FORMS - 120' x 40' BUILDINGS~~
~~A-0.3F~~	~~ENERGY CALC'S - LTI FORMS - 120' x 40' BUILDINGS~~
~~A-0.7~~	~~DESIGN ENERGY VALUES BY ZONE & CALGREEN SPECIFICATIONS~~
~~A-1.03~~	~~FLOOR PLAN - 48' TO 120' x 40'~~
~~A-2.03~~	~~REFLECTED CEILING PLAN - 48' TO 120' x 40'~~
A-2.20	CEILING DETAILS - T-GRID
A-3.03	ROOF PLAN - 0.018" METAL DECK - MONO SLOPE - 48' TO 120' x 40'
A-3.50	ROOF DETAILS - 0.018" STANDING SEAM ROOF DECK
~~A-4.04~~	~~EXTERIOR ELEVATIONS - MONO SLOPE - 48' TO 120' x 40'~~
~~A-5.01~~	~~CROSS SECTION - SINGLE SLOPE - 0.018", B.U., OR TPO ROOF DESK OR PARAPET~~
~~A-5.05~~	~~CROSS SECTION~~
A-5.50	ARCHITECTURAL DETAILS - WOOD STUD - WOOD SIDING
~~A-5.70~~	~~ARCHITECTURAL DETAILS - FLOOR~~
A-5.80	ARCHITECTURAL DETAILS - MISCELLANEOUS/OPTIONS
~~A-5.81~~	~~ARCHITECTURAL DETAILS - MISCELLANEOUS/OPTIONS~~
~~A-6.03~~	~~INTERIOR ELEVATIONS - 48' TO 120' x 40'~~
SHT NO.	**FOUNDATION**
F-0.24	WOOD FOUNDATION PLAN - 48' x 40' (150 PSF)
F-0.50	FOUNDATION DETAILS - WOOD
SHT NO.	**STRUCTURAL "HIGH SEISMIC"**
~~S-0.1~~	~~STRUCTURAL SPECIFICATIONS~~
S-1.01	FLOOR FRAMING PLAN - WOOD FLOOR
S-1.50	FLOOR FRAMING DETAILS - WOOD FLOOR
S-2.11	ROOF FRAMING PLAN - 0.018", BUILT UP, OR TPO ROOF - DUAL SLOPE
S-2.50	ROOF FRAMING DETAILS - MONO SLOPE
~~S-2.60~~	~~ROOF FRAMING DETAILS~~
~~S-2.90~~	~~ROOF FRAMING DETAILS - TRUSS~~
~~S-3.01~~	~~BUILDING SECTION - MONO SLOPE ROOF~~
~~S-5.00~~	~~WALL FRAMING ELEVATIONS - WOOD STUDS~~
~~S-5.10~~	~~WALL FRAMING DETAILS - WOOD STUDS~~
~~S-5.11~~	~~WALL FRAMING DETAILS - WOOD STUDS~~
SHT NO.	**MECHANICAL**
~~M-0.1~~	~~MECHANICAL NOTES, SCHEDULES, AND DETAILS~~
~~M-1.03~~	~~MECHANICAL PLAN - WALL MOUNT - 48' TO 120' x 40'~~
SHT NO.	**ELECTRICAL**
~~E-1.03~~	~~ELECTRICAL PLAN - 48' TO 120' x 40'~~
SHT NO.	**RAMP**
R-1.01	STANDARD RAMP PLAN
R-2.01	RAMP DETAILS

PROJECT NAME:
ELITE MODULAR
STOCK PILE #18
~~(2)~~ 48x40 ~~LOCKER~~ BLDG

SHEET TITLE:
COVER SHEET

ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 117381
ACS ~~Inst~~ FLS ~~Hth~~ SS 2IN
DATE APR 2 6 2018
ACS: DANIEL HEATH
FLS: T. BARR
SS: D. WANG

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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114027
AC FLS SS
DATE APR 10 2019
ACS: D. SCHAUBLE
FLS: E. MAGNO

REVISIONS
1 PROJECT SPECIFIC REVISIONS 6/10/19
2
3
4
5
6
7
8

SILVER CREEK INDUSTRIES

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE:

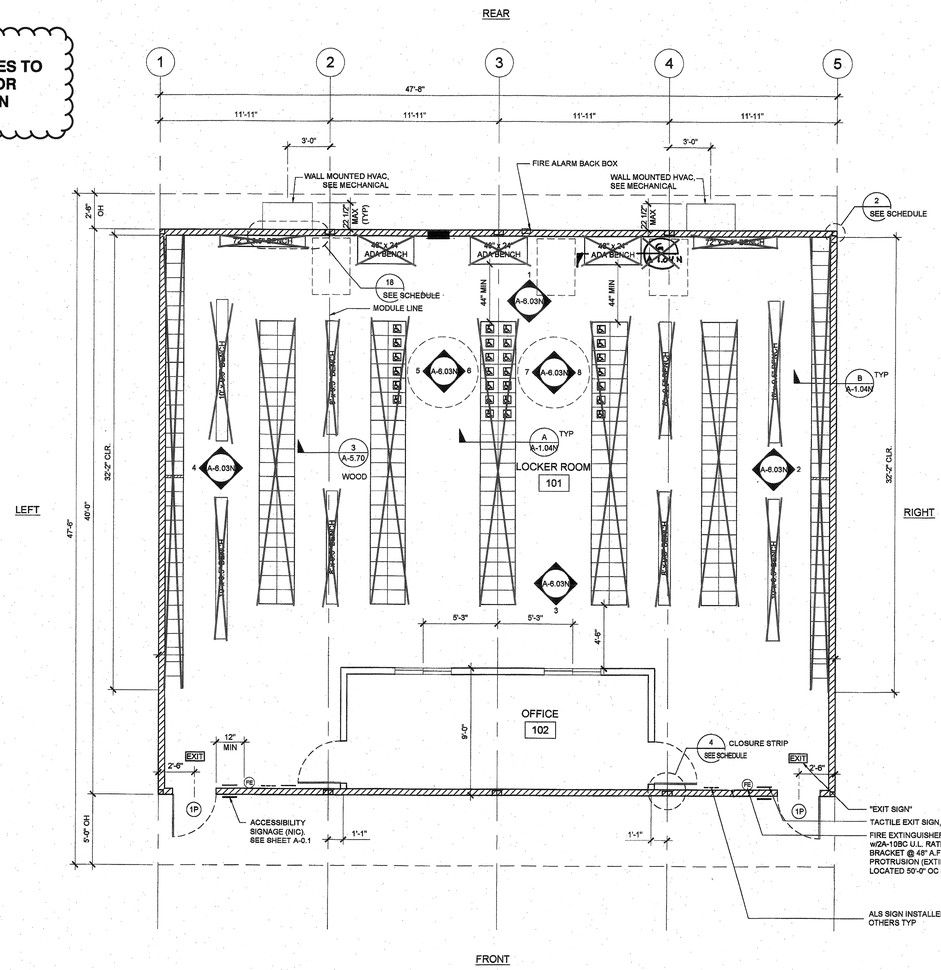
SHEET NUMBER
A-0N

R19

AGENCY TRACKING NO. 63321-355
FILE NO. 15-8

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OFFICE OF REGULATION SERVICES
08-120134
AC FLS SS
DATE SEP 30 2019

NOTE:
ALL LOCKERS AND BENCHES TO BE REMOVED TO ALLOW FOR FUTURE LIBRARY FUNCTION BUILDING



NOTES

SEE PC
SHEET A-1.03

DETAIL SCHEDULE

FINISH:	SHEET #:
☒ SIDING OVER WOOD STUDS	A-6.50

~~LOCKER PLATE~~

WALL LEGEND

- NOMINAL 4" WALL STUD ☒
- NOMINAL 6" WALL STUD ☒
- NOMINAL 8" WALL STUD ☐

48x40 CLASSROOM

SCALE: 1/4" = 1'-0" | 1

PROJECT NAME:
ELITE MODULAR
STOCK PILE #18
(A) 48x40 ~~LOCKER~~ BLDGs

SHEET TITLE:
FLOOR PLAN
48x40
~~LOCKER ROOM~~

LICENSED ARCHITECT JACK T. SNIVELY No. C-13467 REN: 01-31-2021 STATE OF CALIFORNIA

ARCHITECT OF RECORD SUBMISSION DATE
REGISTERED ARCHITECT JACK T. SNIVELY No. C-20067 RENEWAL: 05-31-2019 STATE OF CALIFORNIA

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 117381
ACS SS DATE APR 26 2018

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OFFICE OF REGULATION SERVICES
PC 04-114027
AC FLS SS
DATE APR 16 2015
ACS: T. Sabatke
No: 6 ADDS

REVISIONS
1 LOCKERS & BENCHES TO BE REMOVED 6/12/19
2
3
4
5
6
7
8

SILVER CREEK INDUSTRIES

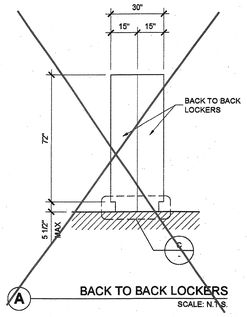
PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	

SHEET NUMBER
A-1.03N

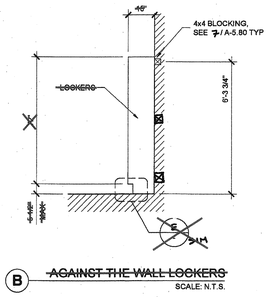
R-49

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019

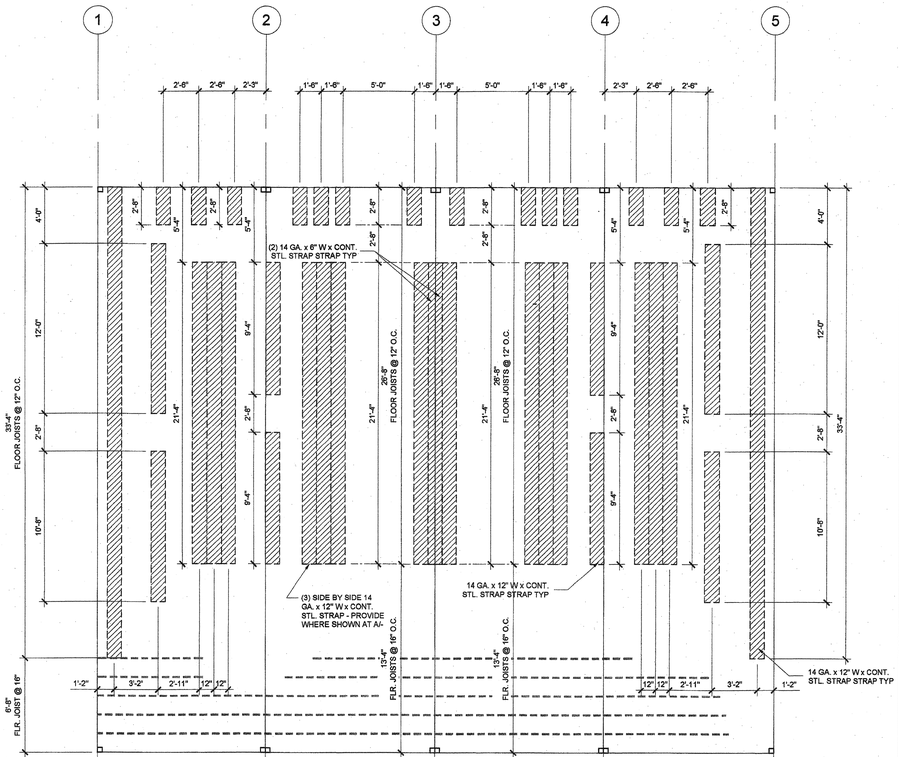


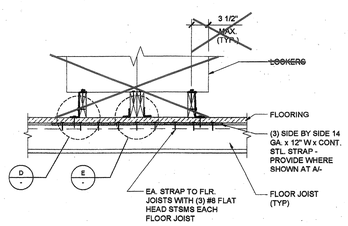
A ~~BACK TO BACK LOCKERS~~
SCALE: N.T.S.



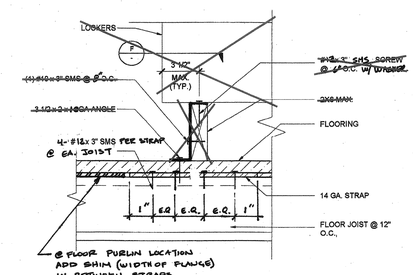
B ~~AGAINST THE WALL LOCKERS~~
SCALE: N.T.S.

NOTE:
ALL LOCKERS AND BENCHES TO BE REMOVED TO ALLOW FOR FUTURE LIBRARY FUNCTION BUILDING
1

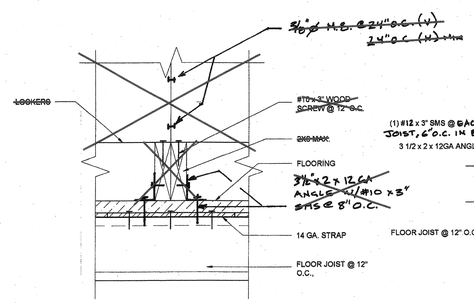




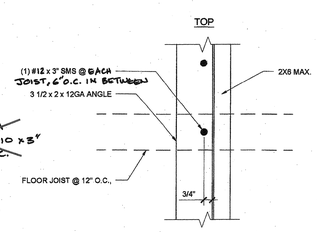
C ~~LOCKER~~ FLOOR ATTACHMENT
SCALE: N.T.S.



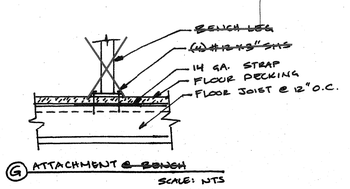
D ENLARGED DETAIL
SCALE: N.T.S.



E ENLARGED DETAIL
SCALE: N.T.S.



F ATTACHMENT @ FLR. JOIST
SCALE: N.T.S.



G ~~ATTACHMENT @ BENCH~~
SCALE: NTS

PROJECT NAME:
ELITE MODULAR
STOCK PILE #18
~~(2)~~ 48x40 ~~LOCKER~~ BLDGs

SHEET TITLE:
48x40
~~LOCKER ROOM~~
FLOOR BLOCKING PLAN

LICENSED ARCHITECT — JACK F. SAVAGE — No. C-13467 — REN. 01-31-2020 — STATE OF CALIFORNIA

ARCHITECT OF RECORD SUBMISSION DATE
LICENSED ARCHITECT — JACK F. SAVAGE — No. C-13467 — REN. 01-31-2019 — STATE OF CALIFORNIA

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 117381
ACS - FLS SS 2(A)
DATE APR 26 2018

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114027
AC FLS SS
DATE APR 10 2015
ACS: N. Sabatke
10; E PKING

REVISIONS
1 LOCKERS & BENCHES TO BE REMOVED 6/12/19
2
3
4
5
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8

SILVER CREEK INDUSTRIES

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	

SHEET NUMBER
A-1.04N

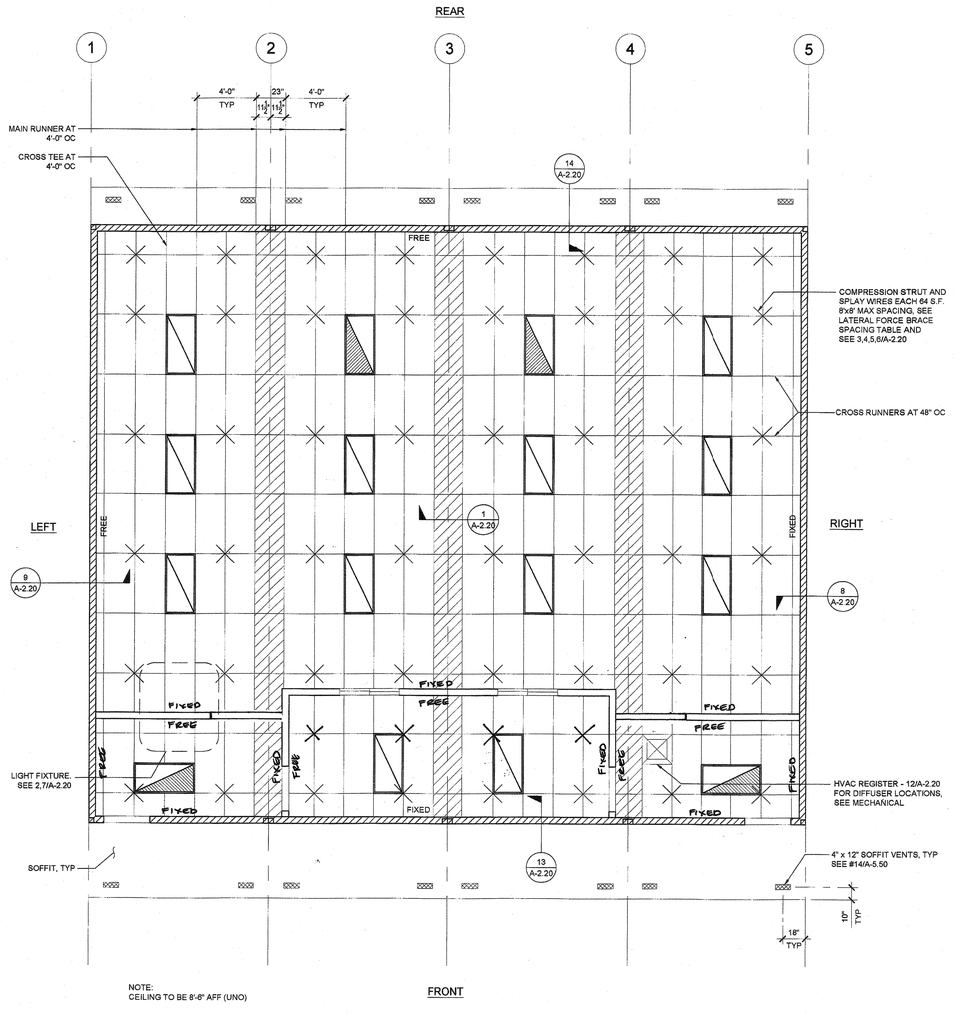
48x40 FLOOR BLOCKING PLAN
SCALE: 1/4" = 1'-0" 1

R49

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134-
AC FLS SS
DATE SEP 30 2019

REAR



NOTE:
CEILING TO BE 8'-6" AFF (UNO)

FRONT

REFLECTED CEILING PLAN - 48X40

SCALE: 1/4" = 1'-0" 1

LEGEND

SEE PC SHEET A-2.03 FOR LEGEND AND NOTES

PROJECT NAME:

ELITE MODULAR
STOCK PILE #18
(2) 48x40 ~~LOCKER~~ BLDGs

SHEET TITLE:

REFLECTED CEILING PLAN
48x40 ~~LOCKER ROOM~~

LICENSED ARCHITECT JACK P. SHINN No. C-13467 REN 03/31/2021 STATE OF CALIFORNIA

ARCHITECT OF RECORD SUBMISSION DATE

LICENSED ARCHITECT JACK P. SHINN No. C-13467 REN: 01-31-2019 STATE OF CALIFORNIA

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 117381
ACS FLS SS DN
DATE APR 2 6 2018

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114027
AC FLS SS
DATE APR 10 2019

ACSI SHINN

NO: 6 PAGES

REVISIONS

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SILVER CREEK INDUSTRIES

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE:

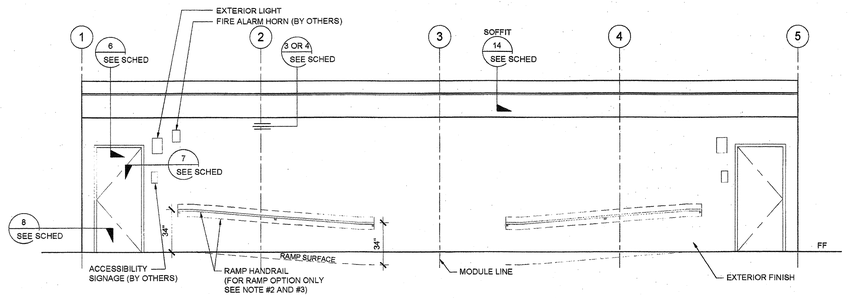
SHEET NUMBER

A-2.03N

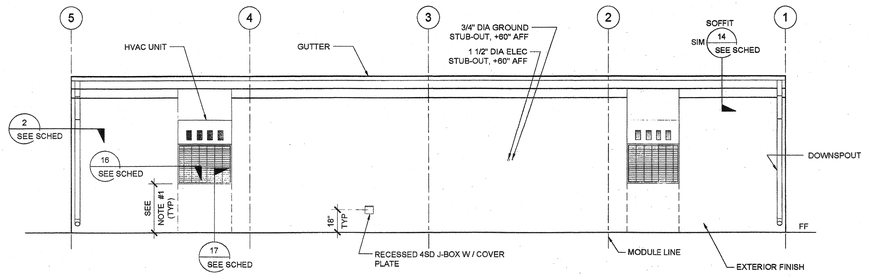
R49

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

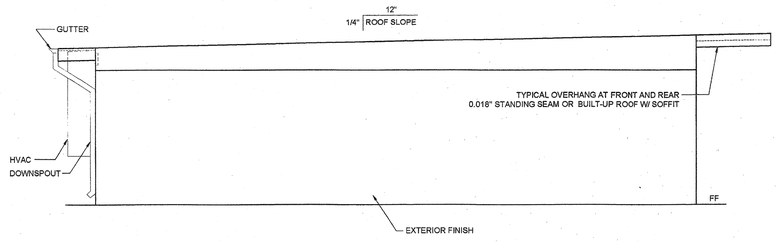
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019



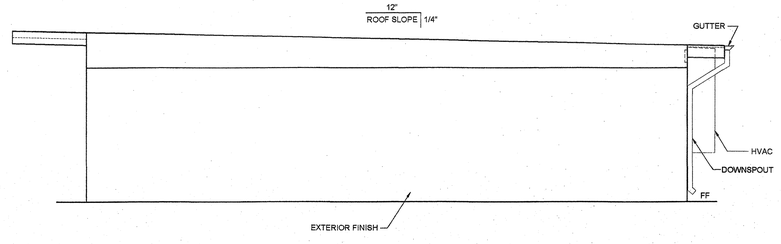
EXTERIOR ELEVATION — SCALE: 1/4" = 1'-0" | 1



EXTERIOR ELEVATION — SCALE: 1/4" = 1'-0" | 2



EXTERIOR ELEVATION — SCALE: 1/4" = 1'-0" | 3



EXTERIOR ELEVATION — SCALE: 1/4" = 1'-0" | 4

NOTES (EXTERIOR ELEVATION)

SEE PC
SHEET A-4.04

DETAIL SCHEDULE

EXTERIOR FINISH:	SHEET #:
☒ SIDING OVER WOOD STUDS	A-5.50

PROJECT NAME:

ELITE MODULAR
STOCK PILE #18
~~(2)~~ 48x40 ~~LOCKER~~ BLDG

SHEET TITLE:

EXTERIOR ELEVATION
48x40 CLASSROOM



ARCHITECT OF RECORD SUBMISSION DATE



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 117381
ACS ~~EAT~~ FLS ~~HCD~~ SS DSA
DATE APR 26 2019

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114027
ACS FLS SS
DATE APR 14 2015
ACS: T. Sabatke
R10; E MCNS

REVISIONS

1
2
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SILVER CREEK INDUSTRIES

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	

SHEET NUMBER

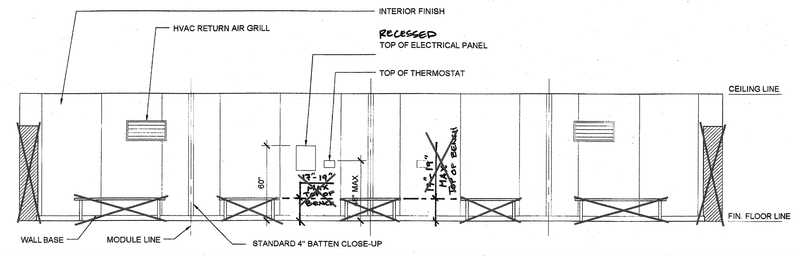
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R49

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC ___ FLS ___ SS ___
DATE SEP 30 2019

INTERIOR ELEVATION — SCALE: 1/4" = 1'-0" | 5

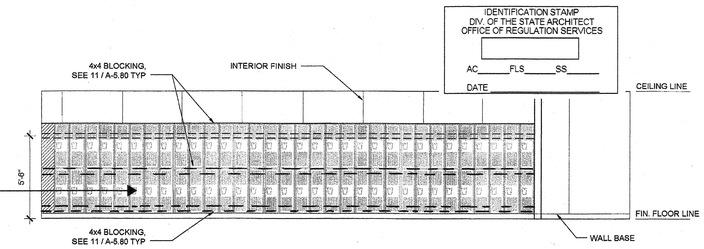


INTERIOR ELEVATION — AGENCY TRACKING NO. 63321-355, FILE NO. 15-6 — SCALE: 1/4" = 1'-0" | 1

NOTE:
ALL LOCKERS AND BENCHES TO BE REMOVED TO ALLOW FOR FUTURE LIBRARY FUNCTION BUILDING

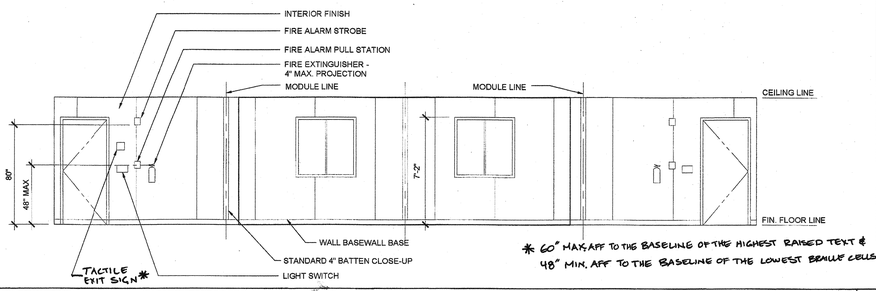
⚠

INTERIOR ELEVATION — SCALE: 1/4" = 1'-0" | 6



INTERIOR ELEVATION — SCALE: 1/4" = 1'-0" | 2

INTERIOR ELEVATION — SCALE: 1/4" = 1'-0" | 7

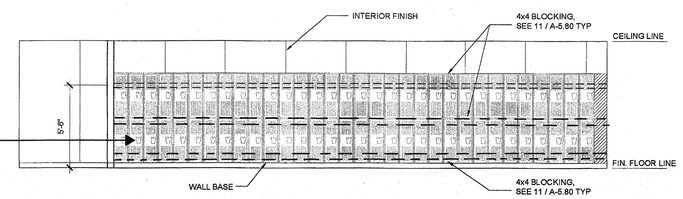


INTERIOR ELEVATION — SCALE: 1/4" = 1'-0" | 3

NOTE:
ALL LOCKERS AND BENCHES TO BE REMOVED TO ALLOW FOR FUTURE LIBRARY FUNCTION BUILDING

⚠

INTERIOR ELEVATION — SCALE: 1/4" = 1'-0" | 8



INTERIOR ELEVATION — SCALE: 1/4" = 1'-0" | 4

PROJECT NAME:

ELITE MODULAR
STOCK PILE #18
(2) 48x40 ~~LOCKER~~ BLDG

SHEET TITLE:

INTERIOR ELEVATION

LICENSED ARCHITECT — No. C-24857 — REN 01-31-2020 — STATE OF CALIFORNIA

ARCHITECT OF RECORD
SUBMISSION DATE

LICENSED ARCHITECT — No. C-24857 — RENEWAL 01-31-2019 — STATE OF CALIFORNIA

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 117381
ACS FLS SS
DATE APR 26 2019

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114027
ACS FLS SS
DATE APR 10 2019
NO; 6 PANS
ACS V. SCARPA

REVISIONS

⚠1 LOCKERS & BENCHES TO BE REMOVED 6/12/19
⚠2
⚠3
⚠4
⚠5
⚠6
⚠7
⚠8

SILVER CREEK INDUSTRIES

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE:

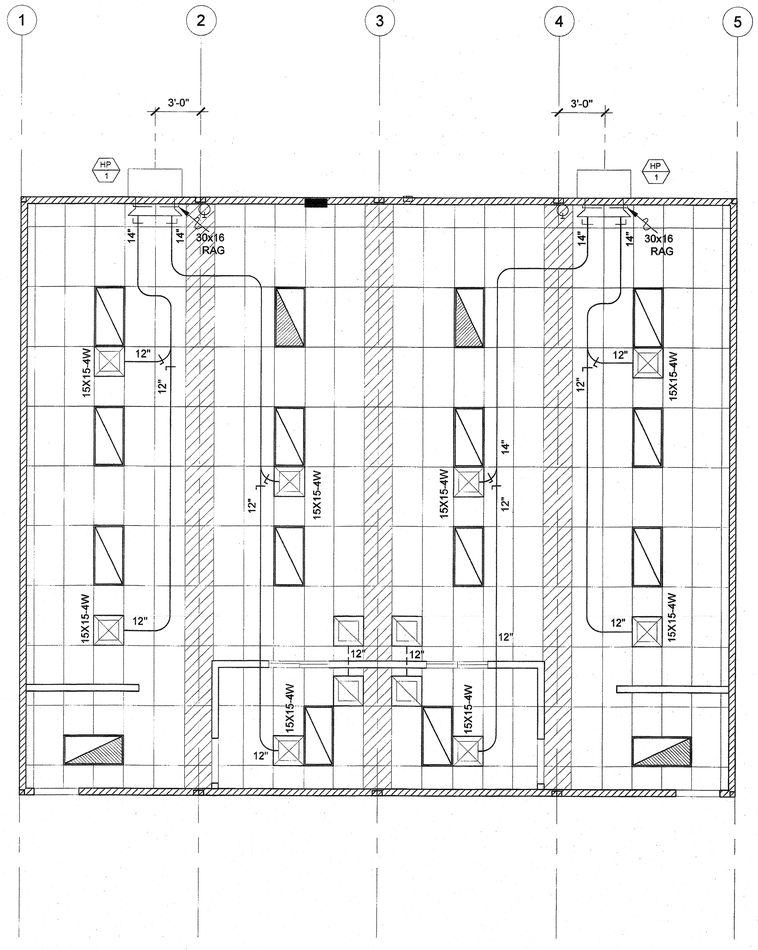
SHEET NUMBER

A-6.03N

R49

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

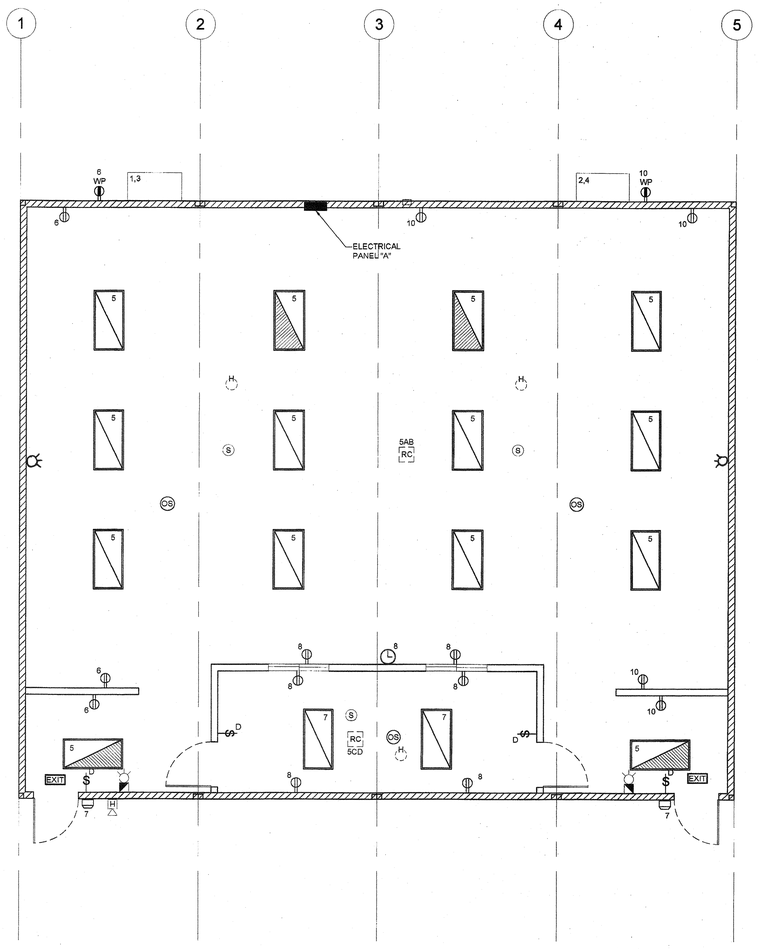
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC ___ FLS ___ SS 01
DATE SEP 30 2019


1
2
3
4
5
3'-0"
3'-0"
HP 1
HP 1
14"
14"
30x16 RAG
14"
14"
30x16 RAG
15X15-4W
12"
12"
15X15-4W
12"
12"
15X15-4W
12"
12"

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC____ FLS____ SS____
DATE SEP 30 2019

REAR



LEFT

RIGHT

FRONT

PANEL: A	PHASE:	VOLTS:	BUSS:	MAIN:	LOCATION:	FEED:	MOUNTING:
S/N:	SINGLE	120/208	150 AMP	100	INTERIOR	RER	RECESSED

OBJECT DESCRIPTION	WATT PER	NO. OF	LCL	WATTS A	WATTS B	BRK	POLE	WIRE SIZE	NO	CKT A	CKT B	NO	WIRE SIZE	POLE	BRK	WATTS A	WATTS B	LCL	NO OF	WATT PER	OBJECT DESCRIPTION
RECEPTS.	180	5		900	0	20	1	#12	1	X		2	#6	1	60	6048	0	x	1	6048	4 TON HP
				0	0				3		X	4	#6	/	/	6048	0	x	/	6048	4 TON HP
INTERIOR LIGHTS	136	8	x	1088	0	20	1	#12	5	X		6				0	0				
				0	0				7		X	8				0	0				
				0	0				9	X		10				0	0				
				0	0				11	X		12	#12	1	20	100	0		1	100	FIRE ALARM
	LEG TOTALS			1988	0											6048	6148	LEG TOTALS			

LCL=3296+1414=17480
TOTAL WATTS=17480
LEG BALANCE = 13.3%
TOTAL AMPS: 72.83

ELECTRICAL PLAN - 48x40

SCALE: 1/4" = 1'-0" | 1

LEGEND

2x4 CEILING MOUNTED ***LED*** LIGHT WITH DIMMEABLE BALLAST
NO BRAND SPECIFIED

2x4 CEILING MOUNTED ***LED*** LIGHT WITH DIMMEABLE BALLAST
(NO BRAND SPECIFIED)
EACH LIGHT FIXTURE WHICH IS INDICATED AS BEING AN EMERGENCY LIGHT SHALL HAVE A BALLAST BATTERY PACK INSTALLED ON THE FIXTURE. THE BATTERY PACK SHALL PROVIDE POWER TO A SINGLE LAMP WITHIN THE FIXTURE FOR NO LESS THAN 90 MINUTES. ANY LIGHT FIXTURE EQUIPPED WITH A BATTERY PACK SHALL BE WIRED IN SUCH A MANNER THAT THE BATTERY WILL BE ACTIVATED IMMEDIATELY UPON LOSS OF POWER TO THE FIXTURE. ADDITIONALLY THE BATTERY PACK SHALL BE OPERATED USING BATTERY POWER LIGHTING CONTROL SWITCHES AND SENSORS SHALL NOT BE ABLE TO SHUT THE FIXTURE OFF.

PROJECT NAME:

ELITE MODULAR
STOCK PILE #18
(9) 48x40 ~~LOCKER~~ BLDG

SHEET TITLE:

ELECTRICAL PLAN
48x40 CLASSROOM

JACK T. SWINERTON
No. C-33467
REN 01-31-2019
STATE OF CALIFORNIA

ARCHITECT OF RECORD
SUBMISSION DATE

JACK T. SWINERTON
No. C-33467
REN. 01-31-2019
STATE OF CALIFORNIA

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 117301
ACS____ FLS____ SS____
DATE APR 26 2019

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114027
ACS____ FLS____ SS____
DATE APR 10 2015
ACS: T. Schaible

REVISIONS

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SILVER CREEK INDUSTRIES

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	

SHEET NUMBER

E-1.03N

R49

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019

MODULAR CLASSROOM BUILDINGS
BUILDING SIZE: 24' X 40'
EXPANDABLE TO 120' X 40'

PC 04-114027 HIGH SEISMIC

BY

SILVER CREEK INDUSTRIES, INC.
2830 BARRETT AVE, PERRIS, CALIFORNIA 92571
PHONE : (951) 943-5393 FAX : (951) 943-2211

ELITE MODULAR
STOCK PILE #18
~~(2)~~ 48x40 ~~LOCKER BLDG~~

GENERAL NOTES

1. FIRE ALARM IS NOT PART OF THIS APPROVAL
2. ALLOWABLE AREA IS BASED ON 10' SET BACK FROM IMAGINARY ASSUMED LINE PER 2013 CBC 706.3
3. THIS PC IS DESIGNED STRUCTURALLY TO SUPPORT THE WEIGHT OF A FIRE-SPRINKLER SYSTEM.
4. PC IS DESIGNED AS A SINGLE STORY MODULAR BUILDING
5. FOR SOILS TYPES / DESIGN BEARING STRENGTH, SEE STRUCTURAL SPECIFICATIONS
6. ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
7. THIS PC IS NOT APPROVED FOR "A" OCCUPANCY USES
8. EXTERIOR WALL OPENINGS TO COMPLY W/ 705.8, 2013 CBC.
9. EXTERIOR PROJECTIONS ARE TO BE FIRE PROTECTED WHERE REQUIRED BY SECTIONS 705.2 & 1406.
10. SEE SHEETS A-0.8, A-0.7 FOR REQUIRED BUILDING ENVELOPE ASSEMBLIES AND HVAC SYSTEM.
11. PURSUANT TO D.S.A. APPROVAL ALL PRODUCTS CAN BE SUBSTITUTED BY AN "EQUAL"
12. BUILDING(S) TO BE LOCATED IN ANY FIRE HAZARD SEVERITY ZONE OR ANY WILDLAND - URBAN INTERFACE FIRE AREA SHALL COMPLY WITH CBC CHAPTER 7A.
13. WHEN THE PRE-CHECKED BUILDING IS SITE ADAPTED, THE BUILDING AND SITE FEATURES NEED TO COMPLY WITH CALGREEN CODE, SECTION 5.507.4 FOR THE SITE SPECIFIC LOCATION
14. IN THE EVENT THAT A PC CLASSROOM IS DESIGNED TO CONNECT TO THE SAME PC CLASSROOM, INTERIOR SOUND TRANSMISSION IN THE INTERIOR ADJOINING WALL AND FLOOR-CEILING SHALL MEET THE MINIMUM REQUIREMENTS OF THE STC RATING OF 40 PER CALGREEN CODE. SECTION 5.507.4.3.

APPLICABLE STANDARDS

NFPA 13	AUTOMATIC SPRINKLER SYSTEMS	2013 EDITION
NFPA 72	NAT. FIRE ALARM CODE (CALIF. AMENDED)	2013 EDITION
(NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES")		

APPLICABLE CODES (AS OF JANUARY 1, 2014)

LIST OF 2013 CALIFORNIA CODE OF REGULATIONS

2013 BUILDING ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R.
2013 CALIFORNIA BUILDING CODE (CBC), PART 2. TITLE 24 C.C.R.
(2012 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
(2011 NATIONAL ELECTRICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
(2012 UNIFORM MECHANICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
(2012 UNIFORM PLUMBING CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
2013 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
(2012 INTERNATIONAL FIRE CODE AND 2013 CALIFORNIA AMENDMENTS)
2013 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
2013 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
2007 ASME A17.1 (w/A17.1a/CSA B44a-08 ADDENDA) SAFETY CODE FOR ELEVATORS AND ESCALATORS

BUILDING DATA

NUMBER OF STORIES:	1 - STORY
OCCUPANCY:	E: ~~H & H~~
TYPE OF CONSTRUCTION:	VB
FLOOR LIVE LOAD:	☐ 50 PSF ☐ 50+15 PSF PARTITION LOAD ☐ 100 PSF ☒ 150 PSF
ROOF LIVE LOAD:	20 PSF ROOF SNOW LOAD: 0 PSF
FLOOR DEAD LOAD:	☒ WOOD FLOOR - 11 PSF ☐ CONC FLOOR - 33 PSF
ROOF DEAD LOAD:	17 PSF (INCLUDING SPRINKLER LOAD)
RAMP LIVE LOAD:	100 PSF
BUILDING AREA: (AREA WITHOUT OVERHANGS / AREA WITH OVERHANGS)	☐ 24'x40' BLDG - 960 SF/1140 SF ☐ 36'x40' BLDG - 1440 SF/1710 SF ☒ 48'x40' BLDG - 1920 SF/2280 SF ☐ 60'x40' BLDG - 2400 SF/2850 SF ☐ 72'x40' BLDG - 2880 SF/3420 SF ☐ 84'x40' BLDG - 3360 SF/3990 SF ☐ 96'x40' BLDG - 3840 SF/4560 SF ☐ 108'x40' BLDG - 4320 SF/5130 SF ☐ 120'x40' BLDG - 4800 SF/5700 SF
ALLOWABLE BLDG. AREA = 9,500 SF	
FOUNDATION:	☒ WOOD ☐ CONCRETE
CEC CLIMATE ZONES:	1- 16
SNOW LOAD:	Pg = 0.0 PSF

WIND DESIGN DATA SECTION 1603.A.1.4

1. ULTIMATE DESIGN WIND SPEED, 3 SEC GUST (MPH) V_{ULT}	129 / Kzt = 1.0
2. RISK CATEGORY:	II
3. WIND EXPOSURE :	"C"
4. APPLICABLE INTERNAL PRESSURE COEFFICIENT :	± 0.18
5. COMPONENTS AND CLADDING :	

ZONE 1 =	38.5	ZONE 4 =	36.1
ZONE 2 =	64.5	ZONE 5 =	46.9
ZONE 3 =	97.1	PARAPET =	131.7

EARTHQUAKE DESIGN DATA SECTION 1603.A.1.5

1. SEISMIC IMPORTANCE FACTOR :	1
2. MAPPED SPECTRAL RESPONSE :	
DESIGN S_S = 2.24 (FOR Cs)	S_1 = 1.0
MAPPED S_S = 2.80 (FOR ARCHITECTURAL COMPONENTS)	
3. SITE CLASS	D
4. SPECTRAL RESPONSE COEFFICIENTS :	
S_{DS} = 1.49 (=1.87ARCH'L)	S_{D1} = 1.00
5. SEISMIC DESIGN CATEGORY :	E
6. BASIC SEISMIC-FORCE-RESISTING-SYSTEM :	OMF
7. DESIGN BASE SHEAR (kips) : PER MODULAR (12x40)	

CONC FLOOR	PLY FLOOR	LL<100	LL=150	
X		X		20.17
	X	X		15.66
X			X	27.85
	X		X	19.55

8. SEISMIC RESPONSE COEFFICIENT, Cs :	0.427
9. RESPONSE MODIFICATION FACTOR, R :	3.5
10. ANALYSIS PROCEDURE USED :	EQUIVALENT LATERAL FORCE
11. MINIMUM SEISMIC SEPARATION FROM OTHER EXISTING OR FUTURE BUILDINGS	6" SEP.

THIS PC DOES NOT COVER ANY SITE SPECIFIC FLOOD DESIGN. ANY SITE SPECIFIC CONDITION OF FLOODING SHOULD BE BE ADDRESSED WITH ADDITIONAL CALCULATIONS.

SHEET INDEX

SHT NO.	ARCHITECTURAL
A-0	COVER SHEET
A-0A ~~0.8~~	T & I FORMS
A-0.0	BUILDING OPTIONS SCHEDULE
A-0.1	SYMBOLS LEGEND, ABBREVIATION, AND ADA SIGNAGE
A-0.2	SCHEDULES
A-0.3	TYPICAL KEY PLANS - 24' TO 120' x 40'
A-0.5A	ENERGY CALC'S - PRF FORMS - ZONE 14 WORST CASE
A-0.5B	ENERGY CALC'S - PRF FORMS - ZONE 15 WORST CASE
A-0.5C	ENERGY CALC'S - PRF FORMS - ZONE 16 WORST CASE
A-0.6A	ENERGY CALC'S - ELC FORMS - 24' x 40' BUILDINGS
A-0.6B	ENERGY CALC'S - LTO / MCH FORMS - 24' x 40' BUILDINGS
A-0.6C	ENERGY CALC'S - LTI FORMS - 24' x 40' BUILDINGS
A-0.6D	ENERGY CALC'S - ELC FORMS - 120' x 40' BUILDINGS
A-0.6E	ENERGY CALC'S - LTO / MCH FORMS - 120' x 40' BUILDINGS
A-0.6F	ENERGY CALC'S - LTI FORMS - 120' x 40' BUILDINGS
A-0.7	DESIGN ENERGY VALUES BY ZONE & CALGREEN SPECIFICATIONS
~~A-1.01~~	~~FLOOR PLAN - 24' x 40'~~
~~A-1.02~~	~~FLOOR PLAN - 36' x 40'~~
A-1.03	FLOOR PLAN - 48' TO 120' x 40'
~~A-1.04~~	~~OPTIONAL 12' x 40 TOILET MODULE PLANS & ELEVATIONS~~
~~A-1.05~~	~~OPTIONAL 12' x 40 TOILET MODULE PLUMBING PLAN & ISOMETRICS~~
~~A-1.06~~	~~OPTIONAL 24' x 40 TOILET BUILDING PLANS & ELEVATIONS~~
~~A-1.07~~	~~OPTIONAL 24' x 40 TOILET BUILDING PLUMBING PLAN & ISOMETRICS~~
~~A-2.01~~	~~REFLECTED CEILING PLAN - 24' x 40'~~
~~A-2.02~~	~~REFLECTED CEILING PLAN - 36' x 40'~~
A-2.03	REFLECTED CEILING PLAN - 48' TO 120' x 40'
A-2.20	CEILING DETAILS - T-GRID
~~A-2.21~~	~~CEILING DETAILS - HARD LID~~
~~A-3.01~~	~~ROOF PLAN - 0.018" METAL DECK - MONO OR DUAL SLOPE - 24' x 40'~~
~~A-3.02~~	~~ROOF PLAN - 0.018" METAL DECK - MONO OR DUAL SLOPE - 36' x 40'~~
A-3.03	ROOF PLAN - 0.018" METAL DECK - MONO SLOPE - 48' TO 120' x 40'
~~A-3.04~~	~~ROOF PLAN - 0.018" METAL DECK - DUAL SLOPE - 48' TO 120' x 40'~~
~~A-3.11~~	~~ROOF PLAN - 0.036" METAL DECK - MONO OR DUAL SLOPE - 24' x 40'~~
~~A-3.12~~	~~ROOF PLAN - 0.036" METAL DECK - MONO OR DUAL SLOPE - 36' x 40'~~
~~A-3.13~~	~~ROOF PLAN - 0.036" METAL DECK - MONO SLOPE - 48' TO 120' x 40'~~
~~A-3.14~~	~~ROOF PLAN - 0.036" METAL DECK - DUAL SLOPE - 48' TO 120' x 40'~~
~~A-3.21~~	~~ROOF PLAN - BUILT-UP ROOF - MONO OR DUAL SLOPE - 24' x 40'~~
~~A-3.22~~	~~ROOF PLAN - BUILT-UP ROOF - MONO OR DUAL SLOPE - 36' x 40'~~
~~A-3.23~~	~~ROOF PLAN - BUILT-UP ROOF - MONO SLOPE - 48' TO 120' x 40'~~
~~A-3.24~~	~~ROOF PLAN - BUILT-UP ROOF - DUAL SLOPE - 48' TO 120' x 40'~~
~~A-3.31~~	~~ROOF PLAN - PARAPET - MONO OR DUAL SLOPE - 24' x 40'~~
~~A-3.32~~	~~ROOF PLAN - PARAPET - MONO OR DUAL SLOPE - 36' x 40'~~
~~A-3.33~~	~~ROOF PLAN - PARAPET - MONO SLOPE - 48' TO 120' x 40'~~
~~A-3.34~~	~~ROOF PLAN - PARAPET - DUAL SLOPE - 48' TO 120' x 40'~~
~~A-3.41~~	~~ROOF PLAN - TPO - MONO OR DUAL SLOPE - 24' x 40'~~
~~A-3.42~~	~~ROOF PLAN - TPO - MONO OR DUAL SLOPE - 36' x 40'~~
~~A-3.43~~	~~ROOF PLAN - TPO - MONO SLOPE - 48' TO 120' x 40'~~
~~A-3.44~~	~~ROOF PLAN - TPO - DUAL SLOPE - 48' TO 120' x 40'~~
A-3.50	ROOF DETAILS - 0.018" STANDING SEAM ROOF DECK
~~A-3.60~~	~~ROOF DETAILS - 0.036" STANDING SEAM ROOF DECK~~
~~A-3.61~~	~~ROOF DETAILS - 0.036" STANDING SEAM ROOF DECK~~
~~A-3.70~~	~~ROOF DETAILS - BUILT-UP ROOF~~
~~A-3.80~~	~~ROOF DETAILS - PARAPET~~
~~A-3.90~~	~~ROOF DETAILS - TPO ROOF~~
~~A-4.01~~	~~EXTERIOR ELEVATIONS - MONO OR DUAL SLOPE - 24' x 40'~~
~~A-4.02~~	~~EXTERIOR ELEVATIONS - MONO SLOPE - 36' x 40'~~
~~A-4.03~~	~~EXTERIOR ELEVATIONS - DUAL SLOPE - 36' x 40'~~
A-4.04	EXTERIOR ELEVATIONS - MONO SLOPE - 48' TO 120' x 40'
~~A-4.05~~	~~EXTERIOR ELEVATIONS - DUAL SLOPE - 48' TO 120' x 40'~~
~~A-4.21~~	~~EXTERIOR ELEVATIONS - MONO OR DUAL SLOPE - 24' x 40' (PARAPET)~~
~~A-4.22~~	~~EXTERIOR ELEVATIONS - MONO OR DUAL SLOPE - 36' x 40' (PARAPET)~~
~~A-4.23~~	~~EXTERIOR ELEVATIONS - MONO OR DUAL SLOPE - 48' TO 120' x 40' (PARAPET)~~
A-5.01	CROSS SECTION - MONO SLOPE - 0.018", B.U., OR TPO ROOF DECK OR PARAPET
~~A-5.02~~	~~CROSS SECTION - DUAL SLOPE - 0.018", B.U., OR TPO ROOF DECK OR PARAPET~~
~~A-5.03~~	~~STRUCT SECTION - MONO SLOPE - 0.036" ROOF DECK~~
~~A-5.04~~	~~CROSS SECTION - DUAL SLOPE - 0.036" ROOF DECK~~
A-5.05	CROSS SECTION
A-5.50	ARCHITECTURAL DETAILS - WOOD STUD - WOOD SIDING
~~A-5.51~~	~~ARCHITECTURAL DETAILS - WOOD STUD - PLASTER~~
~~A-5.52~~	~~ARCHITECTURAL DETAILS - WOOD STUD - WOOD SIDING - 1 HOUR RATED~~
~~A-5.53~~	~~ARCHITECTURAL DETAILS - WOOD STUD - PLASTER - 1 HOUR RATED~~
~~A-5.60~~	~~ARCHITECTURAL DETAILS - STEEL STUD - WOOD SIDING~~
~~A-5.61~~	~~ARCHITECTURAL DETAILS - STEEL STUD - PLASTER~~
~~A-5.62~~	~~ARCHITECTURAL DETAILS - STEEL STUD - WOOD SIDING - 1 HOUR RATED~~
~~A-5.63~~	~~ARCHITECTURAL DETAILS - STEEL STUD - PLASTER - 1 HOUR RATED~~
~~A-5.64~~	~~ARCHITECTURAL DETAILS - 1 HOUR RATED OPTIONS~~
A-5.70	ARCHITECTURAL DETAILS - FLOOR
A-5.80	ARCHITECTURAL DETAILS - MISCELLANEOUS/OPTIONS
A-5.81	ARCHITECTURAL DETAILS - MISCELLANEOUS/OPTIONS
~~A-6.01~~	~~INTERIOR ELEVATIONS - 24' x 40'~~
~~A-6.02~~	~~INTERIOR ELEVATIONS - 36' x 40'~~
A-6.03	INTERIOR ELEVATIONS - 48' TO 120' x 40'

SHT NO.	FOUNDATION - - SEISMIC Ss UP TO 2.80g - -
~~F-0.01~~	~~WOOD FOUNDATION PLAN - 24' x 40' (150 PSF)~~
~~F-0.02~~	~~WOOD FOUNDATION PLAN - 24' x 40' (60+15 PSF)~~
~~F-0.03~~	~~WOOD FOUNDATION PLAN - 24' x 40' (100 PSF)~~
~~F-0.11~~	~~WOOD FOUNDATION PLAN - 36' x 40' (150 PSF)~~
~~F-0.12~~	~~WOOD FOUNDATION PLAN - 36' x 40' (60+15 PSF)~~
~~F-0.13~~	~~WOOD FOUNDATION PLAN - 36' x 40' (100 PSF)~~
~~F-0.21~~	~~WOOD FOUNDATION PLAN - 48' x 40' (150 PSF)~~
~~F-0.22~~	~~WOOD FOUNDATION PLAN - 48' x 40' (60+15 PSF)~~
~~F-0.23~~	~~WOOD FOUNDATION PLAN - 48' x 40' (100 PSF)~~
F-0.24	WOOD FOUNDATION PLAN - 48' x 40' (150 PSF)
F-0.50	FOUNDATION DETAILS - WOOD
~~F-1.01~~	~~CONCRETE FOUNDATION PLAN - ABOVE GRADE - WOOD FLOOR~~
~~F-1.11~~	~~CONCRETE FOUNDATION PLAN - ABOVE GRADE - CONCRETE FLOOR~~
~~F-1.50~~	~~CONCRETE FOUNDATION DETAILS - ABOVE GRADE~~
~~F-2.01~~	~~CONCRETE FOUNDATION PLAN - BELOW GRADE - WOOD FLOOR~~
~~F-2.11~~	~~CONCRETE FOUNDATION PLAN - BELOW GRADE - CONCRETE FLOOR~~
~~F-2.50~~	~~CONCRETE FOUNDATION DETAILS - BELOW GRADE~~
~~F-2.51~~	~~FOUNDATION DETAILS - CONCRETE~~

SHT NO.	STRUCTURAL "HIGH SEISMIC" - - SEISMIC Ss UP TO 2.80g - -
S-0.1	STRUCTURAL SPECIFICATIONS
S-1.01	FLOOR FRAMING PLAN - WOOD FLOOR
~~S-1.11~~	~~FLOOR FRAMING PLAN - CONCRETE FLOOR~~
S-1.50	FLOOR FRAMING DETAILS - WOOD FLOOR
~~S-1.60~~	~~FLOOR FRAMING DETAILS - CONCRETE FLOOR~~
S-2.01	ROOF FRAMING PLAN - 0.018", BUILT UP, OR TPO ROOF - MONO SLOPE
~~S-2.02~~	~~ROOF FRAMING PLAN - 0.036" - MONO SLOPE~~
~~S-2.03~~	~~ROOF FRAMING PLAN - PARAPET - MONO SLOPE~~
~~S-2.11~~	~~ROOF FRAMING PLAN - 0.018", BUILT UP, OR TPO ROOF - DUAL SLOPE~~
~~S-2.12~~	~~ROOF FRAMING PLAN - 0.036" - DUAL SLOPE~~
~~S-2.13~~	~~ROOF FRAMING PLAN - PARAPET - DUAL SLOPE~~
S-2.50	ROOF FRAMING DETAILS - MONO SLOPE
~~S-2.51~~	~~ROOF FRAMING DETAILS - DUAL SLOPE~~
S-2.60	ROOF FRAMING DETAILS
~~S-2.70~~	~~ROOF FRAMING DETAILS - PARAPET~~
S-2.90	ROOF FRAMING DETAILS - TRUSS
S-3.01	BUILDING SECTION - MONO SLOPE ROOF
~~S-3.02~~	~~BUILDING SECTION - DUAL SLOPE ROOF~~
~~S-3.03~~	~~BUILDING SECTION - 0.036" MONO SLOPE ROOF~~
~~S-3.04~~	~~BUILDING SECTION - 0.036" DUAL SLOPE ROOF~~
S-5.00	WALL FRAMING ELEVATIONS - WOOD STUDS
S-5.10	WALL FRAMING DETAILS - WOOD STUDS
S-5.11	WALL FRAMING DETAILS - WOOD STUDS
~~S-5.20~~	~~WALL FRAMING ELEVATIONS - STEEL STUDS~~
~~S-5.30~~	~~WALL FRAMING DETAILS - STEEL STUDS~~
~~S-5.31~~	~~WALL FRAMING DETAILS - STEEL STUDS~~

SHT NO.	PLUMBING
~~P-1.01~~	~~PLUMBING DETAILS AND SCHEDULE~~

SHT NO.	MECHANICAL
M-0.1	MECHANICAL NOTES, SCHEDULES, AND DETAILS
~~M-1.01~~	~~MECHANICAL PLAN - WALL MOUNT - 24' x 40'~~
~~M-1.02~~	~~MECHANICAL PLAN - WALL MOUNT - 36' x 40'~~
M-1.03	MECHANICAL PLAN - WALL MOUNT - 48' TO 120' x 40'
~~M-2.01~~	~~MECHANICAL PLAN - ROOF MOUNT - 24' x 40'~~
~~M-2.02~~	~~MECHANICAL ROOF PLAN - ROOF MOUNT - 24' x 40'~~
~~M-2.11~~	~~MECHANICAL PLAN - ROOF MOUNT - 36' x 40'~~
~~M-2.12~~	~~MECHANICAL ROOF PLAN - ROOF MOUNT - 36' x 40'~~
~~M-2.21~~	~~MECHANICAL PLAN - ROOF MOUNT - 48' TO 120' x 40'~~
~~M-2.22~~	~~MECHANICAL ROOF PLAN - ROOF MOUNT - 48' TO 120' x 40'~~

SHT NO.	ELECTRICAL
~~E-1.01~~	~~ELECTRICAL PLAN - 24' x 40'~~
~~E-1.02~~	~~ELECTRICAL PLAN - 36' x 40'~~
E-1.03	ELECTRICAL PLAN - 48' TO 120' x 40'

SHT NO.	RAMP
R-1.01	STANDARD RAMP PLAN
~~R-1.02~~	~~OFFSET RAMP PLAN~~
~~R-1.03~~	~~RAMP LANDING~~
~~R-1.04~~	~~STANDARD LANDING WITH STEPS~~
~~R-1.05~~	~~SWITCHBACK RAMP PLAN~~
R-2.01	RAMP DETAILS
~~R-2.01~~	~~CONCRETE RAMP~~

SHT NO.	RELOCATABLE SHEETS
~~REL-101~~	~~BUILDING RELOCATION DETAILS~~
~~REL-102~~	~~BUILDING RELOCATION DETAILS~~

SHT NO.	FIRE SPRINKLERS
~~FS-1~~	~~FIRE SPRINKLER SECTION AND SPECS~~
~~FS-2~~	~~TYPICAL FIRE SPRINKLER PLANS - 120' x 40' Bldg Dsgn~~
~~FS-3~~	~~TYPICAL FIRE SPRINKLER PLANS - 120'x40' - 2nd Extension~~
~~FS-4~~	~~TYPICAL FIRE SPRING PLANS - 10 x 24 Bldg~~
~~FS-5~~	~~Fire Sprinkler Detail - 2nd Ext~~
~~FS-6~~	~~Fire Sprinkler Detail~~

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SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
2830 BARRETT AVE. PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

ELITE MODULAR
STOCK PILE #18
~~(2)~~ 48x40 ~~LOCKER~~ BLDG

SHEET TITLE:

COVER SHEET

LICENSED ARCHITECT JACK F. SHINEVILLE No. C-33467 STATE OF CALIFORNIA
REN 01-31-2015

ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 117381
ACS — FLS SS DSA
DATE APR 26 2018

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (PC) DOCUMENT
A DEPARTMENT OF THE STATE ARCHITECT APPROVAL FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114027
ACS FLS SS
DATE APR 10 2015
ACS T. Sakahara
PC; E BRANCH

REVISIONS

SILVER CREEK INDUSTRIES
24' x 40' PC (HIGH SEISMIC)

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 09-10-14

P.C. SHEET NUMBER

A-0

R49

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019

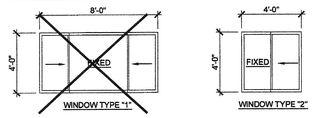
WINDOW SCHEDULE

WINDOW NO.	QTY	TYPE	WIDTH	HEIGHT	FUNCTION	FRAME MATERIAL	GLASS MATERIAL	WALL THICKNESS	NOTES
~~A~~		~~1~~	~~3'-0"~~	~~4'-0"~~	~~XOX~~	~~ANOD~~	~~DP~~		
B		2	4'-0"	4'-0"	XO	ANOD	DP		

WINDOW FINISH

ANOD: CLEAR ANODIZED ALUMINUM FRAME
BRONZ: BRONZE ANODIZED ALUMINUM FRAME
PAINT: PAINTED FRAME
WF: 16GA WELDED FRAME
FRW: FIRE RATED WINDOW
FRAME: MIN 0.048" THICK WELDED FRAME
FRG: FIRE RATED GLAZING: 1/4" WIRED GLASS. LABELED TO MEET THE REQUIREMENTS FOR A 3/4 HOUR FIRE WINDOW ASSEMBLY PER CBC SECTION/TABLE 715.5
DP: 3/16" MINIMUM DUAL PANE TEMPERED GLASS OF SOLAR GRAY - 3/16" ENERGYSHIELD, ALL OPERABLE SASH SHALL HAVE SCREENS. (U-FACTOR = .510 MAX, VT = 0.500 MIN., SHGC = .350 MAX, STC = 36 MIN.)

WINDOW TYPE



WINDOW TYPE "1"
WINDOW TYPE "2"

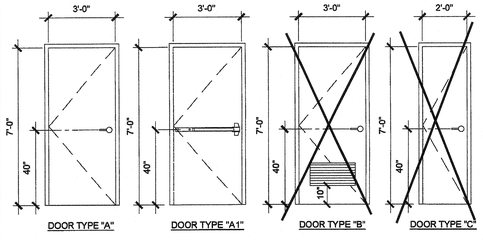
DOOR SCHEDULE

DOOR NO	WIDTH	HEIGHT	DOOR TYPE	QTY	DOOR MAT/FIN	FRAME MAT/FIN	HARDWARE SET	WALL THICKNESS	NOTES*
~~1~~	~~3'-0"~~	~~7'-0"~~	~~A~~		~~HM~~	~~KD~~	~~HW - 1~~	~~5 1/4"~~	
1P	3'-0"	7'-0"	A1		HM	KD	HW - 2		
2	3'-0"	7'-0"	A		SCL	KD	HW - 3		
~~3~~	~~3'-0"~~	~~7'-0"~~	~~B~~		~~HM~~	~~KD~~	~~HW - 4~~	~~4 7/8"~~	
~~4~~	~~3'-0"~~	~~7'-0"~~	~~B~~		~~HM~~	~~KD~~	~~HW - 5~~	~~4 7/8"~~	~~NO CLOSER REQD.~~
~~5~~	~~3'-0"~~	~~7'-0"~~	~~C~~		~~HM~~	~~KD~~	~~HW - 6~~	~~4 1/8"~~	

DOOR MATERIAL AND FINISH ABBREVIATIONS

HM: 18GA HOLLOW METAL
WF: 18GA WELDED FRAME
AL: ALUMINUM
SST: STAINLESS STEEL
KD: KNOCK DOWN FRAME
SCL: SOLID CORE WOOD LEGACY
HC: HOLLOW CORE WOOD
PT: PAINTED
* EXTERIOR DOORS TO BE UNINSULATED SINGLE LAYER DOORS W/ U-FACTOR OF 0.500 MAX

DOOR TYPES & NOTES



DOOR TYPE "A"
DOOR TYPE "A1"
DOOR TYPE "B"
DOOR TYPE "C"

1. DOOR HANDLE FOR LOCKSETS AND PANIC HARDWARE TO BE CENTERED AT 40" AFF. HARDWARE TO BE OPENED FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT. LEVERS TO RETURN TO WITHIN 1/2" OF DOOR.
2. ALL DOORS SHALL BE 1 3/4" THICK U.N.O.
3. CLOSER SHALL BE SET FOR MAXIMUM OPENING PRESSURE OF 5 LBS AT EXTERIOR AND INTERIOR DOORS.
4. PANIC HARDWARE IS REQUIRED TO BE INSTALLED WHEN THE CONFIGURATION OF ANY ROOM PROVIDES AN OCCUPANT LOAD OF 50 OR GREATER. CBC 1008.1.10
5. ALL HARDWARE SHALL COMPLY WITH SILVER CREEK'S SPEC'S ON THIS SHEET AND CBC SECTIONS 11B-206.5, 11B-404.1 AND 1008.
6. DOOR CLOSER SHALL BE ADJUSTED TO SO THAT FROM AN OPEN POSITION OF 70°, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3" FROM THE LATCH, MEASURED TO THE LANDING SIDE OF THE DOOR
7. PANIC AND FIRE EXIT HARDWARE. WHERE THIS TYPE HARDWARE IS INSTALLED, IT SHALL COMPLY WITH THE FOLLOWING:
   - THE ACTUATING PORTION OF THE RELEASING DEVICE SHALL EXTEND AT LEAST ONE-HALF OF THE DOOR LEAF WIDTH.
   - THE MAXIMUM UNLATCHING FORCE SHALL NOT EXCEED 6LBS PER THE 2013 CBC
   APPROVED BY AUTHORITY W/ JURISDICTION, PANIC HARDWARE SHALL COMPLY WITH CBC SECTION 1008.1.10
8. THE FIRE PROTECTION FOR EXTERIOR WALL IS DETERMINED BASED UPON THE FIRE SEPARATION DISTANCE IN WHICH THE WALL IS LOCATED. SEE CBC TABLE 705.8 OR TABLE 602

FINISH SCHEDULE

ROOM NAME	FLOORING		WALL FINISH				CEILING		NOTES
	FLOOR	BASE	FRONT	LEFT	REAR	RIGHT	CEILING	CEILING HT	
LOCKER ROOM 101	CARP	4" TS	TACK	TACK	TACK	TACK	CP	8'-6"	
OFFICE 102	CARP	4" TS	TACK	TACK	TACK	TACK	CP	8'-6"	
~~TOILET 103~~	~~SV~~	~~6" TS~~	~~FRP~~	~~FRP~~	~~FRP~~	~~FRP~~	~~CP~~	~~8'-0"~~	
~~GIRLS 104~~	~~SV~~	~~SC~~	~~FRP~~	~~FRP~~	~~FRP~~	~~FRP~~	~~GBP~~	~~8'-0"~~	
~~BOYS 105~~	~~SV~~	~~SC~~	~~FRP~~	~~FRP~~	~~FRP~~	~~FRP~~	~~GBP~~	~~8'-0"~~	
~~STAFF 106~~	~~SV~~	~~SC~~	~~FRP~~	~~FRP~~	~~FRP~~	~~FRP~~	~~GBP~~	~~8'-0"~~	
~~STAFF 107~~	~~SV~~	~~SC~~	~~FRP~~	~~FRP~~	~~FRP~~	~~FRP~~	~~GBP~~	~~8'-0"~~	
~~PLUMBING CHASE~~									

FLOOR, WALL, CEILING MATERIALS

FLOORING
CARP: CARPET PER STATE OF CALIFORNIA SPECIFICATIONS COMPLYING WITH GROUP 1; TYPE "A" OR TYPE "B"; CLASS 2; DENSITY 4600; DIRECT GLUE DOWN
SV: SHEET VINYL FLOORING
VCT: VINYL COMPOSITION TILE

BASE
4" TS: 4" TOP SET BASE
6" TS: 6" TOP SET BASE
SC: 6" SELF-COVE BASE

WALLS
TACK: 1/2" VINYL TACKBOARD CLASS 1 OVER ½" GYPSUM BOARD BACKING
FRP: 1/8" FIBER REINFORCED PANEL OVER ½" WATER RESISTANT GYPSUM BOARD
GYP: 1/2" GYPSUM BOARD; TAPE; TEXTURE; PAINTED FINISH
PLY: 1/2" PLYWOOD FINISH
NF: NO FINISH

CEILING
CP: ACOUSTICAL LAY IN GRID CEILING PANELS (SEE SPECIFICATION NOTES ON REFLECTED CEILING PLAN)
HC: 5/8" GYPSUM BOARD; TAPE; TEXTURE; PAINTED FINISH (HARD LID CEILING)
GBP: 1/2" GYPSUM BOARD WASHABLE PANELS (PAINTED)

FINISH NOTES

1. ALL FINISHES SHALL COMPLY WITH CBC, CFC AND TITLE 19 CCR.
2. PREPARATION FOR SUB-FLOOR TO ACCEPT FINISH FLOORING IS BY FLOORING CONTRACTOR. PLYWOOD SUB-FLOOR IS 2.4.1. PLYWOOD. OUTER PLYWOOD IS PLUGGED AND TOUCH SANDED. ANY DEFORMITIES DUE TO STANDARD CONSTRUCTION PRACTICES SHALL BE FILLED AND SANDED BY FLOORING CONTRACTOR. THE JOINT AT THE MODLINE SHALL NOT BE LARGER THAN 1/8" AND SHALL BE FILLED AND SANDED BY FLOORING CONTRACTOR.
3. RESILIENT FLOORING DEMONSTRATING A COEFFICIENT OF FRICTION OF AT LEAST 0.6 PER ASTM D2047, WILL BE ACCEPTED AS MEETING THE INTENT OF SLIP RESISTANCE.
4. CARPET SHALL HAVE A LEVEL LOOP, TEXTURED LOOP, LEVEL CUT, OR LEVEL CUT / UNCUT PILE TEXTURE AND MAXIMUM PILE HEIGHT OF 1/2" PER THE 2013 CBC. CARPET EDGED SHALL COMPLY WITH THE 2013 CBC
5. INTERIOR WALL AND CEILING FINISHES SHALL HAVE A MIN. CLASS 'C' RATING. FLAME SPREAD INDEX 76-200 & SMOKE DEVELOPED INDEX 0-450 PER 2013 CBC 803.

DOOR HARDWARE

~~CLASSROOM -~~ **EXTERIOR DOOR ~~HW-1~~**

LOCKSET	SCHLAGE ND75PDRHO626 (cylindrical)	Finish 26D	or equal
BUTTS	HAGER BB1191 4 1/2" x 4 1/2" NRP	Finish 26D	or equal
CLOSER	NORTON 8501 BFDA	Finish 689	or equal
WEATHER STRIP	HAGER 891SAV 3684	Finish Alum	or equal
THRESHOLD	HAGER 413SA 36	Finish Alum	or equal
DOOR BOTTOM	HAGER 783SAV 35N	Finish Alum	or equal

DOOR W/ PANIC HARDWARE - **EXTERIOR DOOR HW-2**

EXIT DEVICE	VON DUPRIN 99L-PA-2 w/ SCHLAGE rim cylinder	Finish Alum	or equal
BUTTS	HAGER BB1191 4 1/2" x 4 1/2" NRP	Finish 26D	or equal
CLOSER	NORTON 8501 BFDA	Finish 689	or equal
WEATHER STRIP	HAGER 891SAV 3684	Finish Alum	or equal
THRESHOLD	HAGER 413SA 36	Finish Alum	or equal
DOOR BOTTOM	HAGER 783SAV 35N	Finish Alum	or equal
~~Lock~~	~~VON DUPRIN 99L-OP~~		

EMERGENCY EXIT AND PANIC HARDWARE IS TO COMPLY WITH SFM STANDARD 12-10-3, SECTION 12-10-302:
a) THE CROSS BAR SHALL EXTEND ACROSS NOT LESS THAN ONE-HALF THE WIDTH OF THE DOOR/GATE.
d) THE ENDS OF THE CROSS-BAR SHALL BE CURVED, GUARDED OR OTHERWISE DESIGNED TO PREVENT CATCHING ON THE CLOTHING OF PERSONS DURING EGRESS.

~~STAFF RESTROOM~~ / SINGLE-OCCUPANCY - **INTERIOR DOOR HW-3**

LOCKSET	SCHLAGE ND40SRHO626 (cylindrical)	Finish 26D	or equal
BUTTS	HAGER 1279 4 1/2" x 4 1/2"	Finish 26D	or equal

~~BOYS & GIRLS RESTROOM -~~ **EXTERIOR DOOR ~~HW-4~~**

LOCKSET	SCHLAGE ND70PDRHO626 (cylindrical)	Finish 26D	or equal
BUTTS	HAGER BB1191 4 1/2" x 4 1/2" NRP	Finish 26D	or equal
CLOSER	NORTON 8501 BFDA (OPTIONAL)	Finish 689	or equal
WEATHER STRIP	HAGER 891SAV 3684	Finish Alum	or equal
THRESHOLD	HAGER 413SA 36	Finish Alum	or equal
DOOR BOTTOM	HAGER 783SAV 35N	Finish Alum	or equal
LOUVER	ANEMO 24 x 12	Finish Bronze	or equal

~~STAFF RESTROOM -~~ **EXTERIOR DOOR ~~HW-5~~**

LOCKSET	SCHLAGE ND85PDRHO626 (cylindrical)	Finish 26D	or equal
BUTTS	HAGER BB1191 4 1/2" x 4 1/2" NRP	Finish 26D	or equal
WEATHER STRIP	HAGER 891SAV 3684	Finish Alum	or equal
THRESHOLD	HAGER 413SA 36	Finish Alum	or equal
DOOR BOTTOM	HAGER 783SAV 35N	Finish Alum	or equal
LOUVER	ANEMO 24 x 12	Finish Bronze	or equal

~~PLUMBING CHASE DOOR -~~ **INTERIOR DOOR ~~HW-6~~**

LOCKSET	SCHLAGE ND70PDRHO626 (cylindrical)	Finish 26D	or equal
BUTTS	HAGER BB1191 4 ½" x 4 ½" NRP	Finish 26D	or equal

INSULATION SPECIFICATIONS

MOISTURE PROTECTION INSULATION:

DESCRIPTION OF WORK: THE FURNISHING AND INSTALLING OF ALL INSULATION FOR ALL CEILING, FLOOR AREAS, AND EXTERIOR WALLS. (CLASS A = 0-25 FLAME SPREAD:) SMOKE DEVELOPMENT DENSITY LESS THAN 450.

MATERIAL: INSULATING MATERIAL FOR WALLS, CEILINGS, AND FLOORS SHALL BE FIBERGLASS BATTS (UNFACED) AND SHALL COMPLY WITH CBC 719.2+719.3. INSULATION SHALL BE AS MANUFACTURED BY OWENS-CORNING FIBERGLASS CORPORATION, JOHNS-MANVILLE, CERTAINTIES, OR EQUAL.

INSULATION VALUES
SEE SHEETS A-0.7 FOR MINIMUM REQUIRED INSULATION VALUES FOR SPECIFIC BUILDING SIZE AND CONFIGURATION.

EXTERIOR WALL INSULATION (MIN.)
- ☐ R-13 (2x4)
- ☒ R-19 (2x6)
- ☐ R-30 (2x8)

INTERIOR WALL INSULATION (MIN.)
R-13

FLOOR INSULATION (MIN.)
- ☒ NONE
- ☐ R-13
- ☐ R-19

ROOF INSULATION (MIN.)
- ☐ R-19
- ☒ R-30
- ☐ R-38
- ☐ R-19 BETWEEN JOISTS AND R-19 BELOW JOISTS

STEEL STUD EXTERIOR WALL
- ☐ R-13 (2X4) W/ R-4 CONT. RIGID INSULATION

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SILVER CREEK
2830 BARRETT AVE. PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

ELITE MODULAR
STOCK PILE #18
(2) 48x40 ~~LOCKER~~ BLDG

SHEET TITLE:

SCHEDULES

LICENSED ARCHITECT JACK R. SHIVELY STATE OF CALIFORNIA No. C-33487 REN 01-31-2015

ARCHITECT OF RECORD SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 117381
ACS ~~DM~~ FLS ~~TG~~ SS DN
DATE APR 26 2018

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (PC) DOCUMENT
CODE: 2013 CBC
A RESPONSIBLE PERSON IN CHARGE MUST BE PRESENT AT THE JOB SITE FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114027
AC FLS SS
DATE APR 14 2015

REVISIONS
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2
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5
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8

SILVER CREEK INDUSTRIES
24'x 40' PC (HIGH SEISMIC)

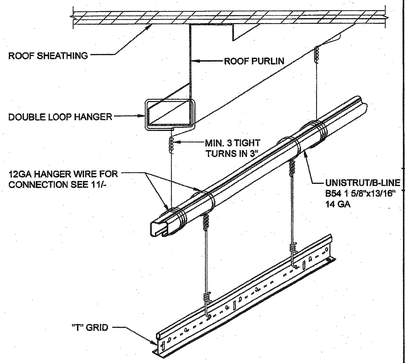
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SCALE: AS NOTED
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P.C. SHEET NUMBER
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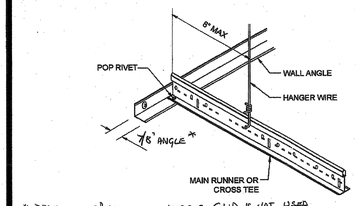
AGENCY TRACKING NO 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC. FLS SS
DATE SEP 30 2019



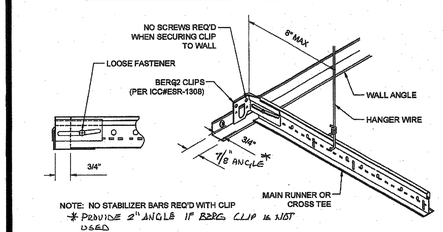
NOTE:
LOCATION MAY VARY (SEE NOTE "C" ON SHEET A-0.1)

TRAPEZE DETAIL 17



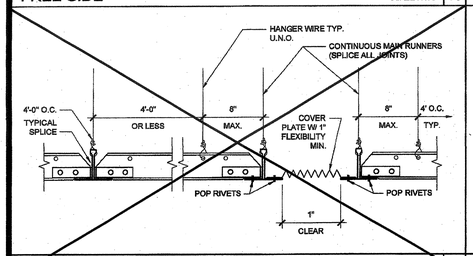
* PROVIDE 2" ANGLE IF BERG CLIP IS NOT USED

FIXED SIDE SCALE : NTS 18

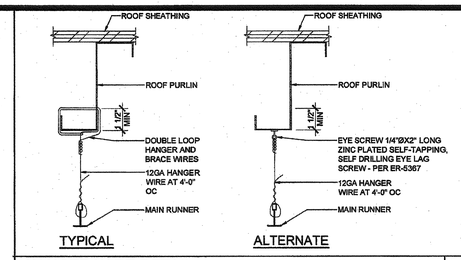


NOTE: NO STABILIZER BARS REQ'D WITH CLIP
* PROVIDE 2" ANGLE IF BERG CLIP IS NOT USED

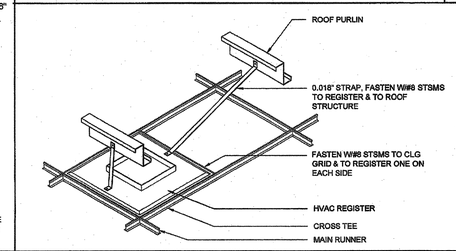
FREE SIDE SCALE : NTS 19



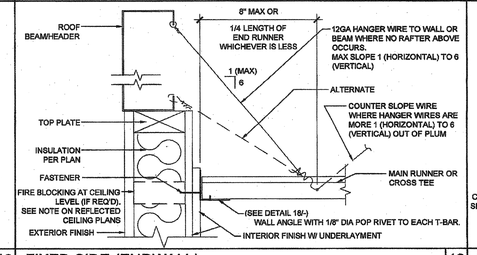
GRID SEISMIC SEPARATION JOINT SCALE : 3"=1'-0" 20



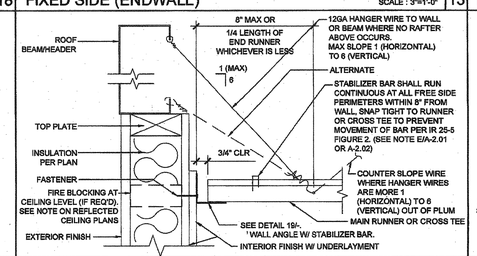
HANGER WIRE DETAIL SCALE : 3"=1'-0" 11



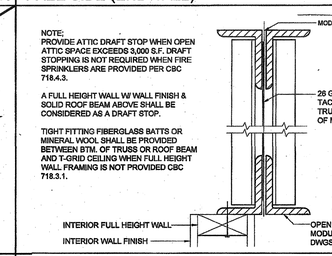
HVAC REGISTER MOUNTING SCALE : NTS 12



FIXED SIDE (ENDWALL) SCALE : 3"=1'-0" 13



FREE SIDE (ENDWALL) SCALE : 3"=1'-0" 14

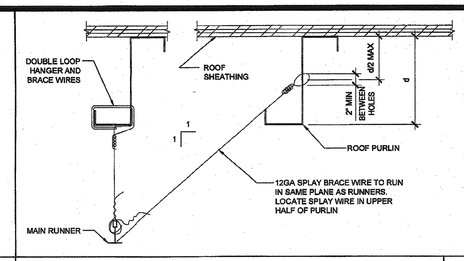


NOTE:
PROVIDE ATTIC DRAFT STOP WHEN OPEN ATTIC SPACE EXCEEDS 3,000 S.F. DRAFT STOPPING IS NOT REQUIRED WHEN FIRE SPRINKLERS ARE PROVIDED PER CBC 718.4.3.

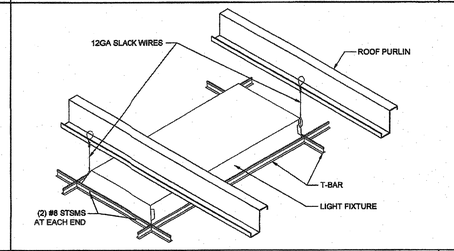
A FULL HEIGHT WALL W/ WALL FINISH & SOLID ROOF BEAM ABOVE SHALL BE CONSIDERED AS A DRAFT STOP.

TIGHT FITTING FIBERGLASS BATTS OR MINERAL WOOL SHALL BE PROVIDED BETWEEN BTM. OF TRUSS OR ROOF BEAM AND T-GRID CEILING WHEN FULL HEIGHT WALL FRAMING IS NOT PROVIDED CBC 718.3.1.

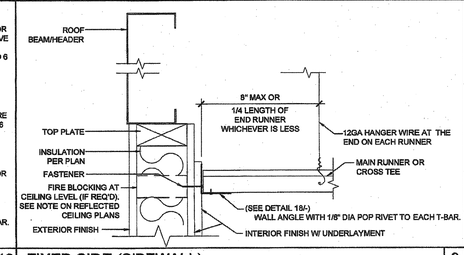
ATTIC DRAFT STOP SCALE : 3"=1'-0" 15



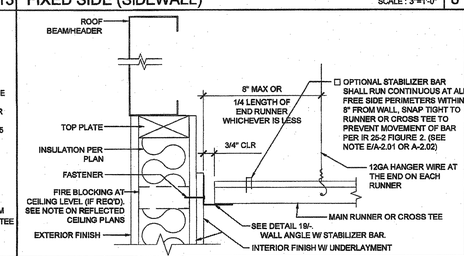
SPLAY BRACING WIRE SCALE : 3"=1'-0" 6



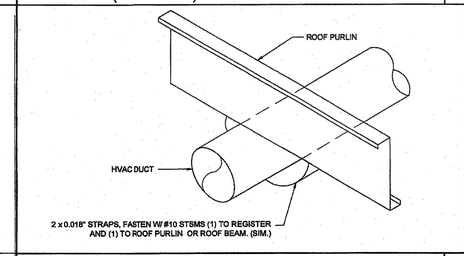
LIGHT FIXTURE MOUNTING SCALE : NTS 7



FIXED SIDE (SIDEWALL) SCALE : 3"=1'-0" 8

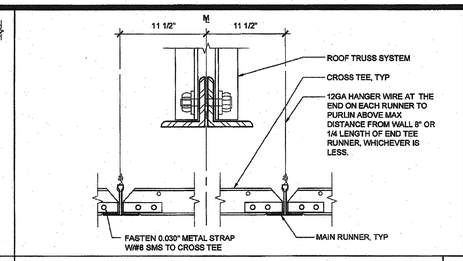


FREE SIDE (SIDEWALL) SCALE : 3"=1'-0" 9

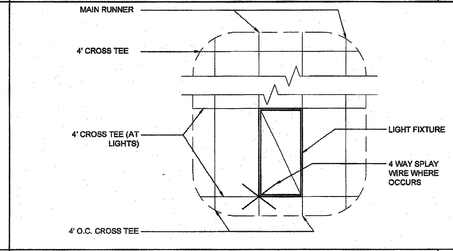


2 x 0.018" STRAPS, FASTEN W/ #10 STSMS (1) TO REGISTER AND (1) TO ROOF PURLIN OR ROOF BEAM. (SIM.)

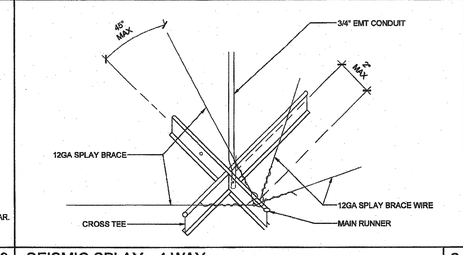
HVAC DUCTWORK MOUNTING SCALE: NTS 10



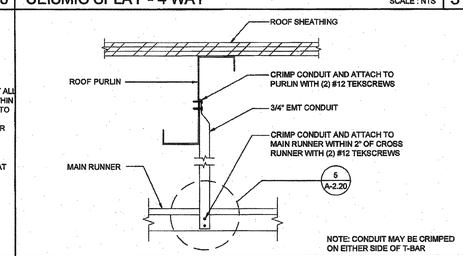
GRID AT MODLINE SCALE : 3"=1'-0" 1



4' CROSS TEE AT LIGHTS SCALE : 3/8"=1'-0" 2

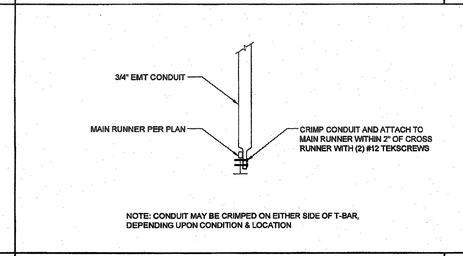


SEISMIC SPLAY - 4 WAY SCALE : NTS 3



NOTE: CONDUIT MAY BE CRIMPED ON EITHER SIDE OF T-BAR

COMPRESSION STRUT SCALE : 3"=1'-0" 4



NOTE: CONDUIT MAY BE CRIMPED ON EITHER SIDE OF T-BAR, DEPENDING UPON CONDITION & LOCATION

COMPRESSION STRUT SCALE : 3"=1'-0" 5

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SILVER CREEK
2830 BARRETT AVE. PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
ELITE MODULAR
STOCK PILE #18
(E) 48x40 ~~LOCKER~~ BLDG

SHEET TITLE:
CEILING DETAILS
T-GRID

LICENSED ARCHITECT NANCY Y. SHIVELY No. C-33467 REN 01-31-2015 STATE OF CALIFORNIA
LICENSED ARCHITECT NANCY Y. SHIVELY No. C-33467 REN 01-31-2015 STATE OF CALIFORNIA

ARCHITECT OF RECORD SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 117381
ACS — FLS 16 SS 20
DATE APR 26 2018

ORIGINAL PC STATE AGENCY APPROVAL
PRE-CHECK (PC) DOCUMENT CODE: 2013 CBC
A BRIEF DESCRIPTION OF LOCATION FOR CONSTRUCTION IS REQUIRED
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114027
AC. FLS SS
DATE APR 14 2015

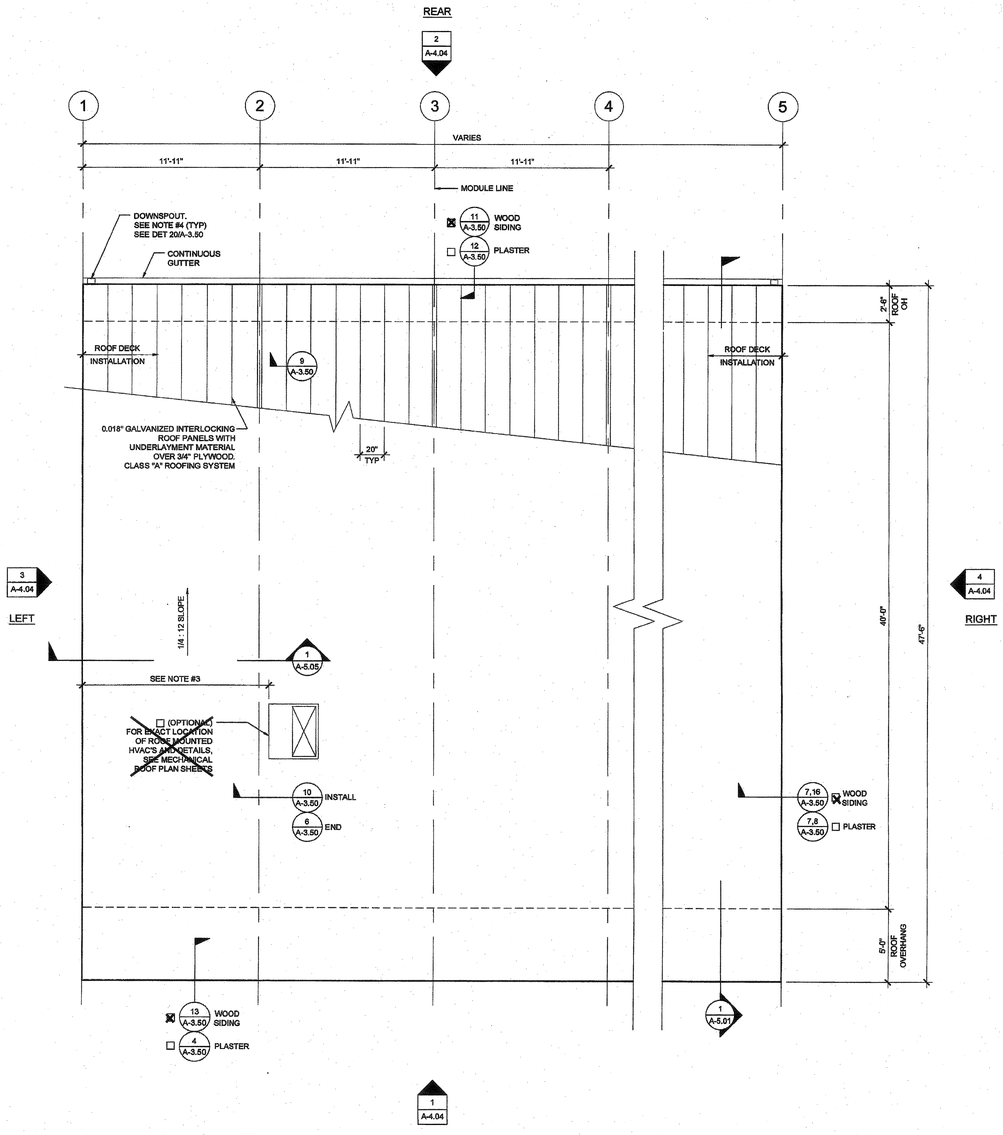
REVISIONS
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6
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8

SILVER CREEK INDUSTRIES
24' x 40' PC (HIGH SEISMIC)
PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 09-10-14
P.C. SHEET NUMBER
A-2.20

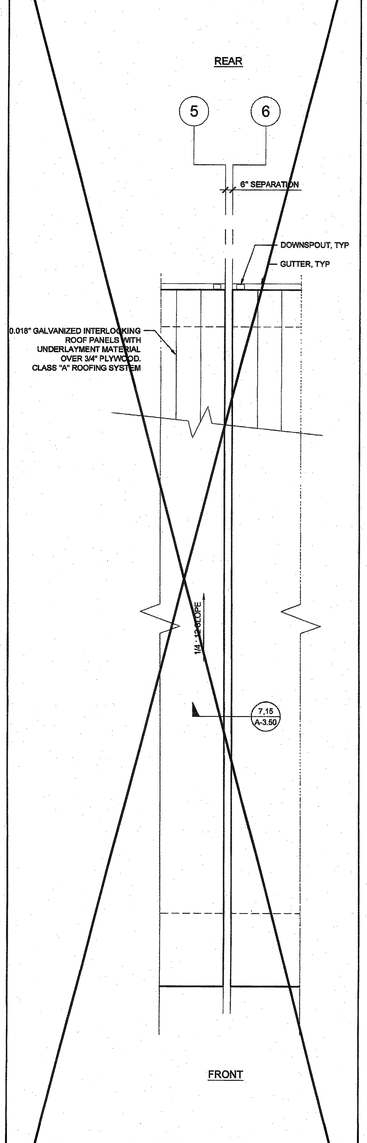
R49

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC. FLS SS
DATE SEP 30 2019



ROOF PLAN - 0.018" METAL DECK - MONO SLOPE SCALE: 1/4" = 1'-0" 2



ROOF SEP. PLAN OPTION SCALE: 1/4" = 1'-0" 1

NOTES

1. GROUP E OCCUPANCIES - BUILDINGS SHALL HAVE ROOF COVERINGS AS SPECIFIED IN CBC TABLE 1505.1 - CLASS A.
2. LOCATIONS OF DRAFTSTOP AND/OR FULL HEIGHT PARTITIONS AS REQUIRED PER CBC-716.4.3 SHALL BE SHOWN ON PROJECT SPECIFIC PLANS LOCATED AT MODULE LINES.
3. ALL ROOFTOP EQUIPMENT THAT REQUIRES SERVICE & ROOF ACCESS HATCHES MUST BE A MIN. OF 10'-0" AWAY FROM ALL ROOF EDGES TO OPENING EDGES. PROVIDE ATTACH CBC 2013 SECTIONS 1013.6 & 1013.7. PARAPET OR GUARDRAIL
4. FOR SPECIFIC DOWNSPOUT LOCATIONS FOR VARIOUS BUILDING SIZES, SEE KEY PLANS ON SHEET A-0.3. LOCATE ONE (1) DOWNSPOUT FOR EVERY THREE (3) MODULES (TYP)
5. ANY BUILDING OVER 3,000 SQ/FT REQUIRES A DRAFT STOP UNLESS BUILDING IS EQUIPPED WITH FIRE SPRINKLERS.

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SILVER CREEK
2830 BARRETT AVE. PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
ELITE MODULAR
STOCK PILE #18
(E) 48x40 ~~LOCKER~~ BLDG

SHEET TITLE:
ROOF PLAN
48' TO 120' x 40'
0.018" METAL DECK
MONO SLOPE

LICENSED ARCHITECT JACK F. SHIVELY III No. C-33497 REN 01-31-2015 STATE OF CALIFORNIA
LICENSED ARCHITECT JACK F. SHIVELY No. C-33497 REN 01-31-2015 STATE OF CALIFORNIA

ARCHITECT OF RECORD SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 117301
ACS — FLS HP SS JW
DATE APR 26 2018

ORIGINAL PC STATE AGENCY APPROVAL
PRE-CHECK (PC) DOCUMENT CODE: 2013 CBC A BUILDING PERMIT APPLICATION FOR CONSTRUCTION IS REQUIRED
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114027
AC. — FLS SS JW
DATE APR 14 2018

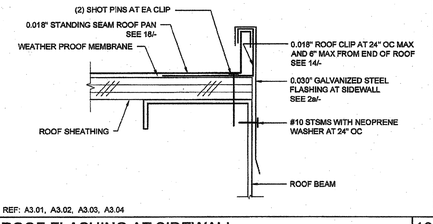
REVISIONS
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SILVER CREEK INDUSTRIES
24' x 40' PC (HIGH SEISMIC)
PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 09-10-14
P.C. SHEET NUMBER
A-3.03

R49

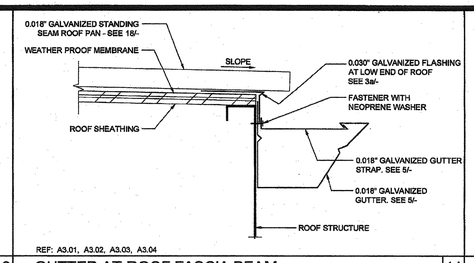
AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019



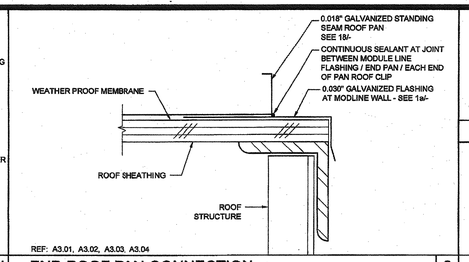
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ROOF FLASHING AT SIDEWALL SCALE : 6"=1'-0" 16



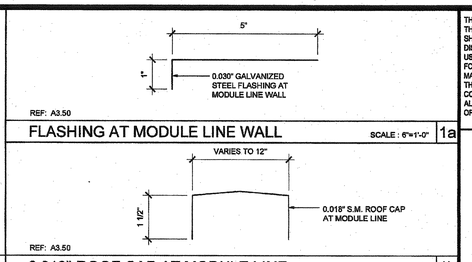
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GUTTER AT ROOF FASCIA BEAM SCALE : 3"=1'-0" 11



REF: A3.01, A3.02, A3.03, A3.04

END ROOF PAN CONNECTION SCALE : 6"=1'-0" 6

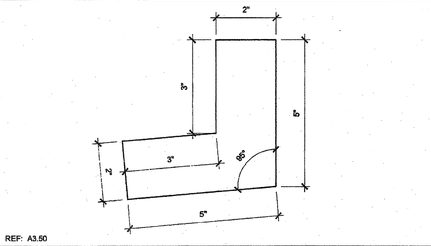


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FLASHING AT MODULE LINE WALL SCALE : 6"=1'-0" 1a

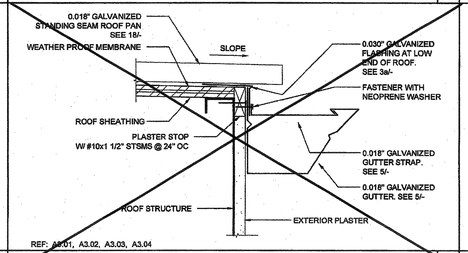
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0.018" ROOF CAP AT MODULE LINE SCALE : 6"=1'-0" 1b



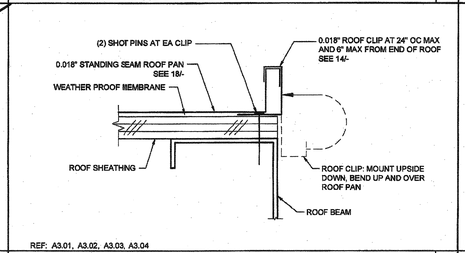
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DOWNSPOUT ATTACHMENT SCALE : 6"=1'-0" 17



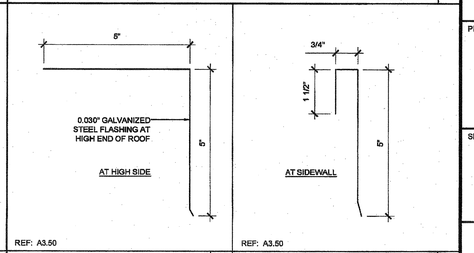
REF: A3.01, A3.02, A3.03, A3.04

GUTTER AT ROOF FASCIA BEAM SCALE : 3"=1'-0" 12



REF: A3.01, A3.02, A3.03, A3.04

STARTER ROOF PAN CONNECTION SCALE : 6"=1'-0" 7

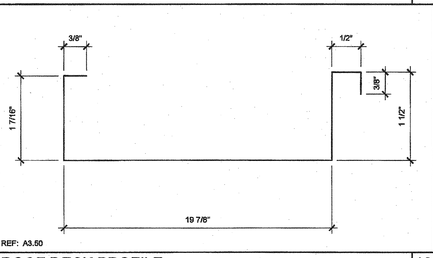


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ROOF FLASHING SCALE : 6"=1'-0" 2b

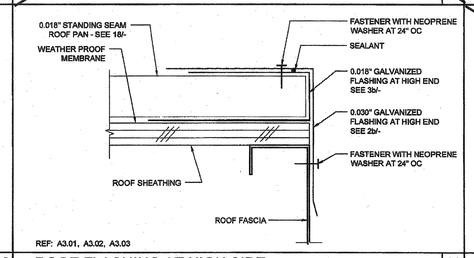
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ROOF FLASHING SCALE : 6"=1'-0" 2a



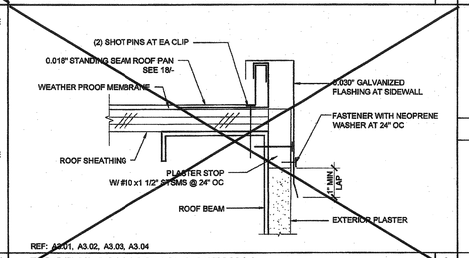
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ROOF DECK PROFILE SCALE : 6"=1'-0" 18



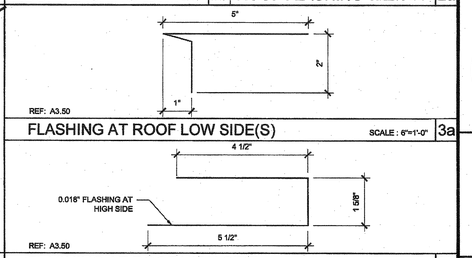
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ROOF FLASHING AT HIGH SIDE SCALE : 6"=1'-0" 13



REF: A3.01, A3.02, A3.03, A3.04

ROOF FLASHING AT SIDEWALL SCALE : 6"=1'-0" 8

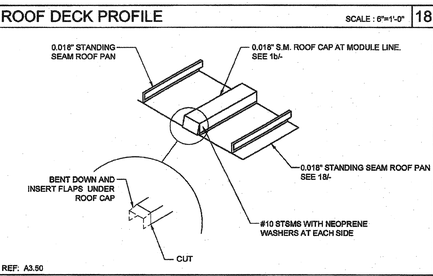


REF: A3.50

FLASHING AT ROOF LOW SIDE(S) SCALE : 6"=1'-0" 3a

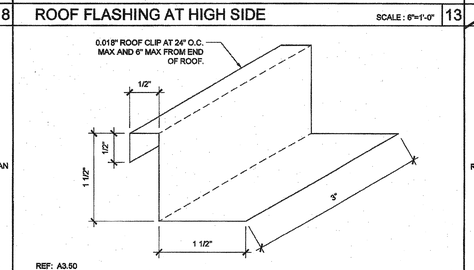
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FLASHING AT ROOF HIGH SIDE SCALE : 6"=1'-0" 3b



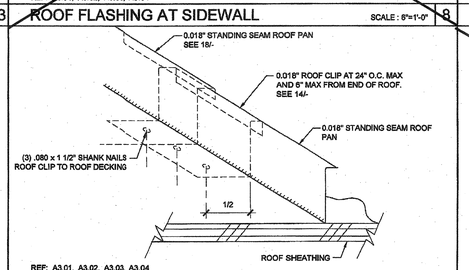
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MODULE LINE ROOF CAP SCALE : NTS 19



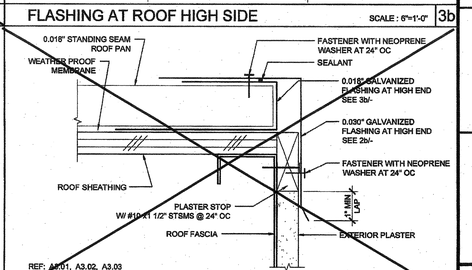
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ROOF CLIP SCALE : 1'-0"=1'-0" 14



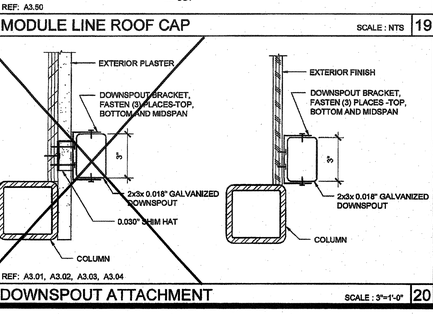
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ROOF STANDING SEAM SCALE : NTS 9



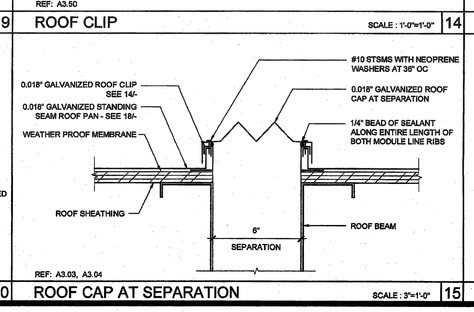
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ROOF FLASHING AT HIGH SIDE SCALE : 6"=1'-0" 4



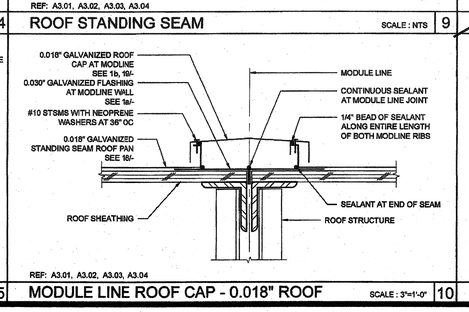
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DOWNSPOUT ATTACHMENT SCALE : 3"=1'-0" 20



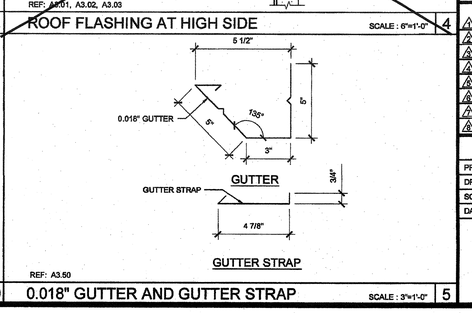
REF: A3.03, A3.04

ROOF CAP AT SEPARATION SCALE : 3"=1'-0" 15



REF: A3.01, A3.02, A3.03, A3.04

MODULE LINE ROOF CAP - 0.018" ROOF SCALE : 3"=1'-0" 10



REF: A3.50

0.018" GUTTER AND GUTTER STRAP SCALE : 3"=1'-0" 5

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"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
2830 BARRETT AVE. PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
ELITE MODULAR
STOCK PILE #18
(E) 48x40 ~~LOCKER~~ BLDG

SHEET TITLE:
ROOF DETAILS
0.018" STANDING SEAM
ROOF DECK

LICENSED ARCHITECT JACK F. SHIVELY No. C-33467 REN 01-31-2015 STATE OF CALIFORNIA

ARCHITECT OF RECORD
SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 117301
ACS — FLS SS
DATE APR 26 2016

ORIGINAL PC STATE AGENCY APPROVAL
PRE-CHECK (PC) DOCUMENT PER CBC SECTION 4-317 (b) 1 & 2 SUBMITTED AS PART OF CONSTRUCTION AS REQUIRED
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114027
AC FLS SS
DATE APR 14 2015

REVISIONS
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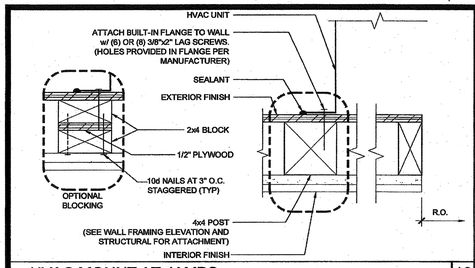
SILVER CREEK INDUSTRIES
24' x 40' PC (HIGH SEISMIC)

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SCALE:	AS NOTED
DATE:	09-10-14
P.C. SHEET NUMBER	A-3.50

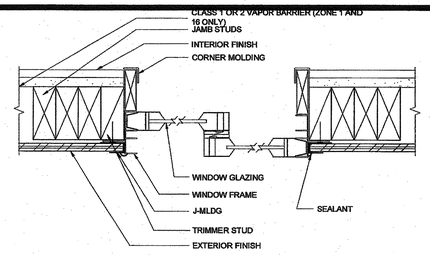
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AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

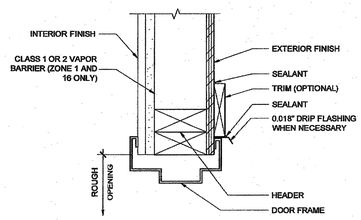
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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC ___ FLS ___ SS ___
DATE SEP 30 2019



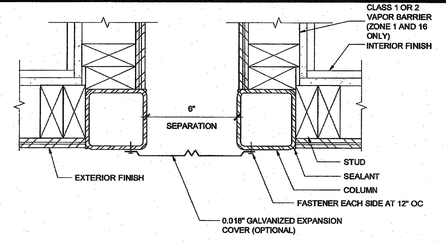
HVAC MOUNT AT JAMBS SCALE : 3"=1'-0" 16



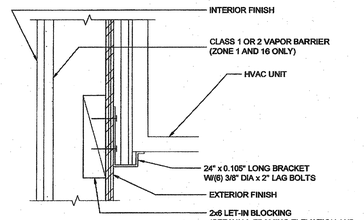
WINDOW SECTION AT JAMBS SCALE : 3"=1'-0" 11



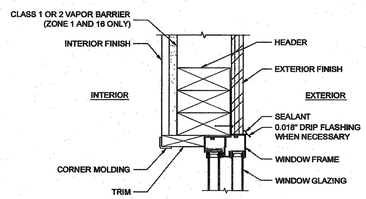
EXTERIOR DOOR HEADER SCALE : 3"=1'-0" 6



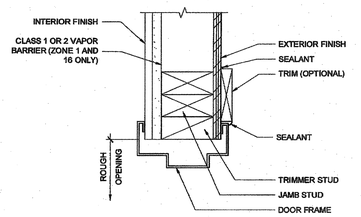
CLOSURE BETWEEN BUILDINGS SCALE : 3"=1'-0" 1



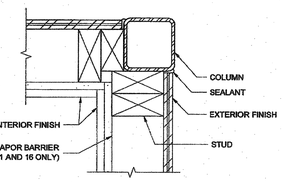
HVAC UNIT AT BOTTOM SCALE : 3"=1'-0" 17



WINDOW HEADER SCALE : 3"=1'-0" 12

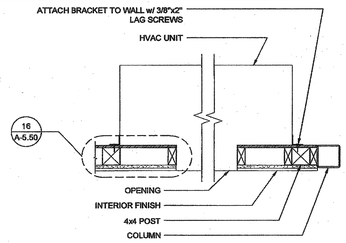


EXTERIOR DOOR JAMB SCALE : 3"=1'-0" 7

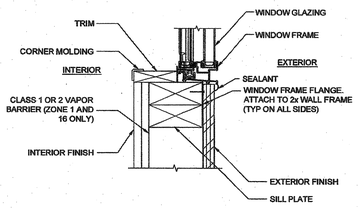


NOTE: FOR 2 x 6 CORNER OPTION, SEE STRUCTURAL
FOR 2 x 8 CORNER OPTION, SEE STRUCTURAL

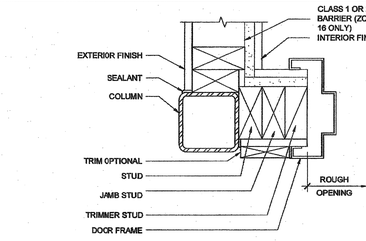
COLUMN AT CORNER SCALE : 3"=1'-0" 2



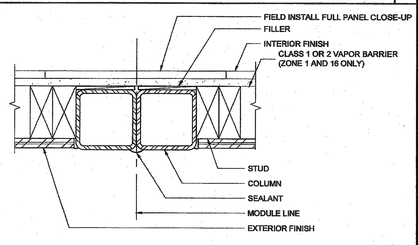
HVAC UNIT (PLAN) SCALE : 1"=1'-0" 18



WINDOW SILL SCALE : 3"=1'-0" 13

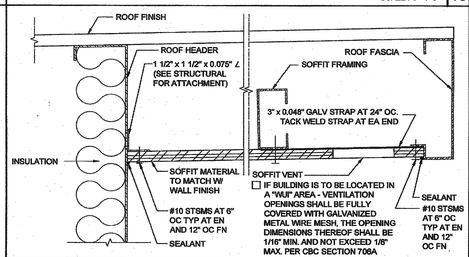


EXTERIOR DOOR JAMB SCALE : 3"=1'-0" 8

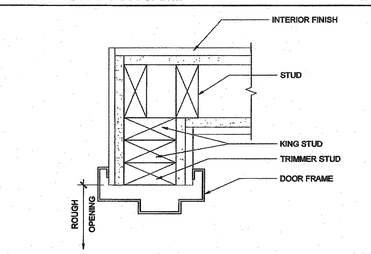


COLUMN AT MODULE LINE (FULL PANEL CLOSE-UP) SCALE : 3"=1'-0" 3

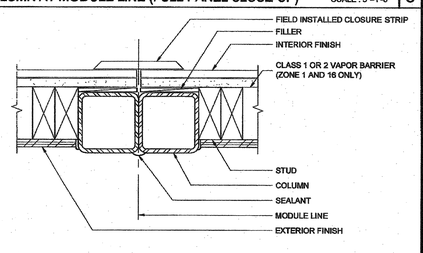
NOT USED 19



SOFFIT AT ROOF HEADER WITH VENT SCALE : 3" = 1'-0" 14



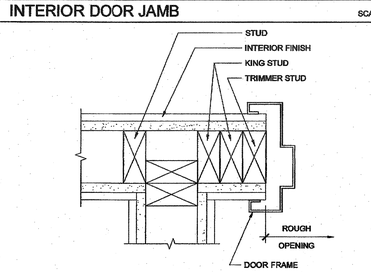
INTERIOR DOOR JAMB SCALE : 3"=1'-0" 9



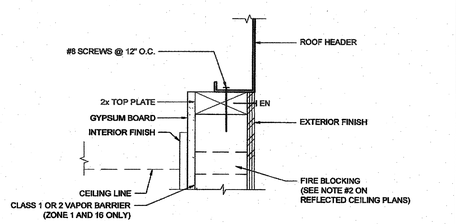
COLUMN AT MODULE LINE (CLOSURE STRIP) SCALE : 3"=1'-0" 4

NOT USED 20

NOT USED 15



INTERIOR DOOR JAMBS SCALE : 3"=1'-0" 10



TOP PLATE AT ROOF HEADER SCALE : 3" = 1'-0" 5

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"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
2830 BARRETT AVE. PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
ELITE MODULAR
STOCK PILE #18
(6) 48x40 ~~LOOKER~~ BLDG

SHEET TITLE:
ARCHITECTURAL DETAILS
WOOD STUD - SHTG

LICENSED ARCHITECT TRACY F. SNYDER No. C-33467 REN 01-31-2015 STATE OF CALIFORNIA

ARCHITECT OF RECORD SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 117381
ACC RM4 FLS ___ SS 7DV
DATE APR 26 2018

ORIGINAL PC STATE AGENCY APPROVAL
PRE-CHECK (PC) DOCUMENT CODE: 2013 CBC
A REPRESENTATIVE OF THE DSA MUST BE PRESENT FOR CONSTRUCTION IS REQUIRED
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114027
AC ___ FLS ___ SS ___
DATE APR 14 2015

REVISIONS
1 ___
2 ___
3 ___
4 ___
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6 ___
7 ___
8 ___

SILVER CREEK INDUSTRIES
24' x 40' PC (HIGH SEISMIC)

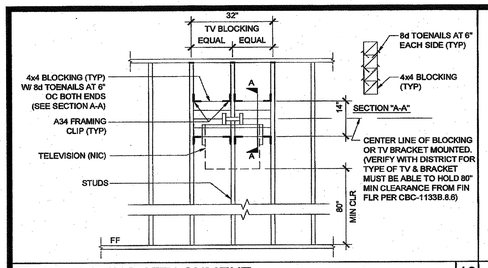
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DRAWN BY:
SCALE: AS NOTED
DATE: 09-10-14

P.C. SHEET NUMBER
A-5.50

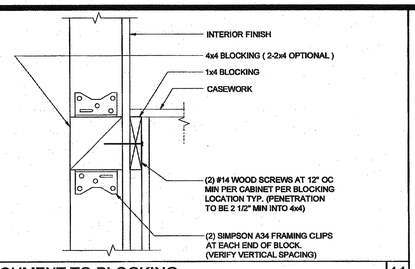
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AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

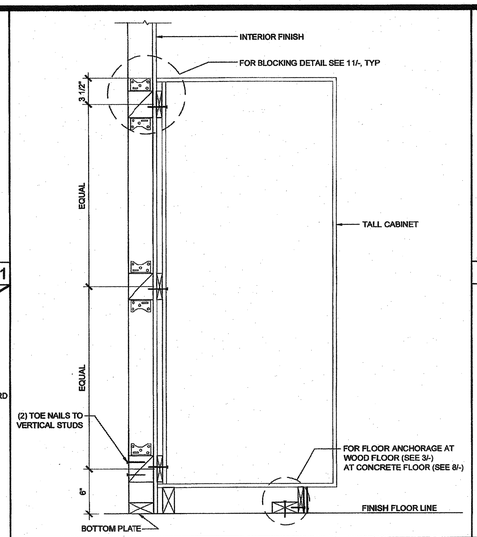
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OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS S1
DATE SEP 30 2019



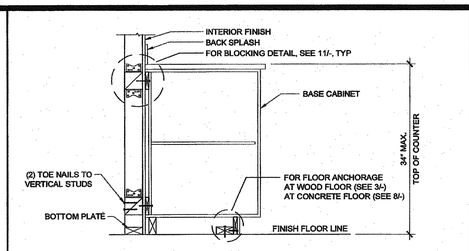
T.V. BLOCKING ATTACHMENT AT WOOD STUD SCALE : 1/2" = 1'-0" 16



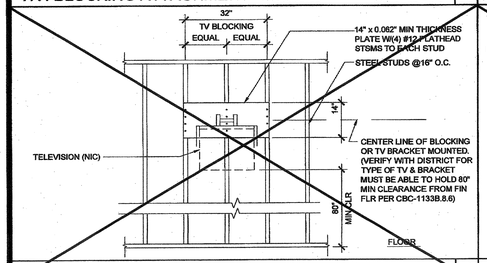
ATTACHMENT TO BLOCKING AT WOOD STUD SCALE : 3" = 1'-0" 11



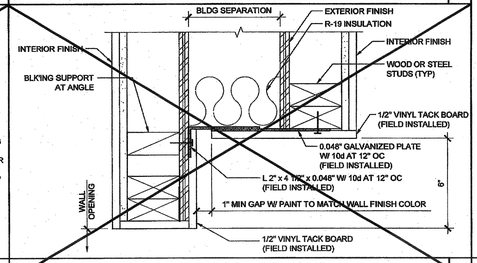
TALL CABINET WALL ANCHORAGE AT WOOD STUD SCALE : 1 1/2" = 1'-0" 7



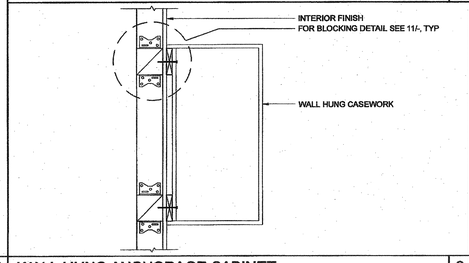
BASE CABINET WALL ANCHORAGE AT WOOD STUD SCALE : 1" = 1'-0" 1



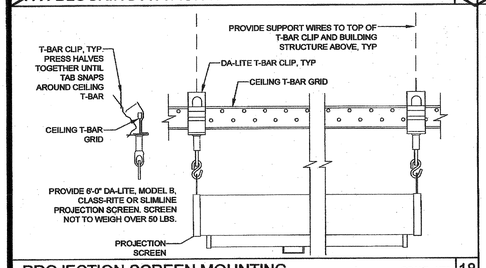
T.V. BLOCKING ATTACHMENT AT STEEL STUD SCALE : 1/2" = 1'-0" 17



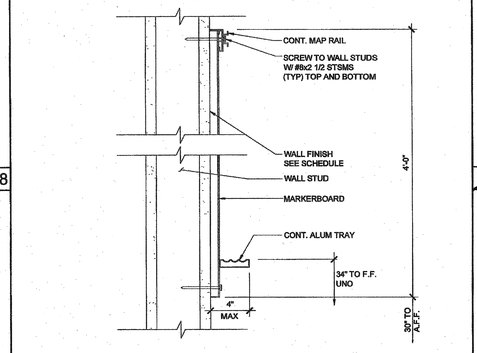
WALL OPENING AT HEADER AND JAMB SCALE : 3"=1'-0" 12



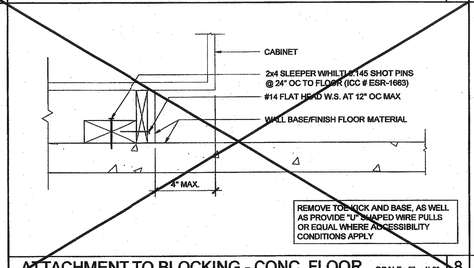
WALL HUNG ANCHORAGE CABINET AT WOOD STUD SCALE : 1 1/2" = 1'-0" 2



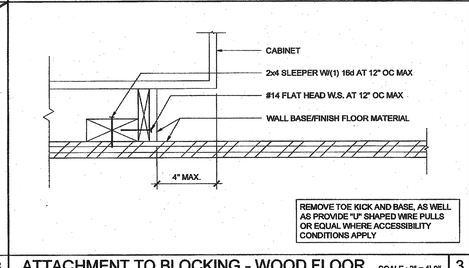
PROJECTION SCREEN MOUNTING SCALE : NTS 18



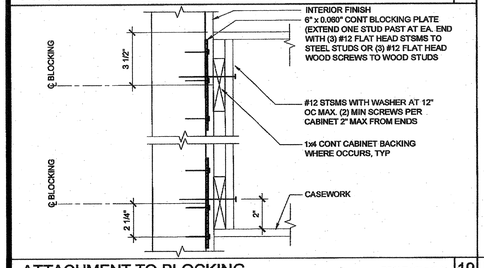
MARKER BOARD ATTACHMENT SCALE : 3" = 1'-0" 14



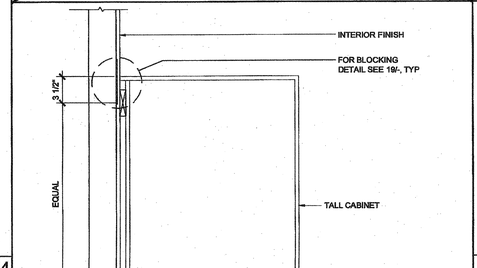
TALL CABINET WALL ANCHORAGE SCALE : 1 1/2" = 1'-0" 10



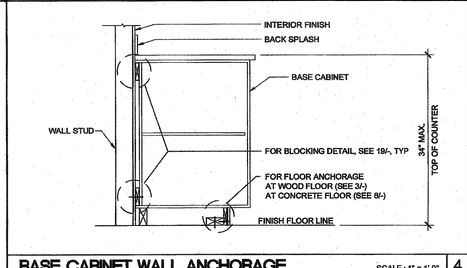
WALL HUNG ANCHORAGE CABINET SCALE : 1 1/2" = 1'-0" 5



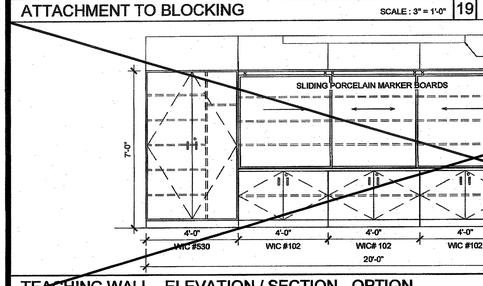
ATTACHMENT TO BLOCKING SCALE : 3" = 1'-0" 19



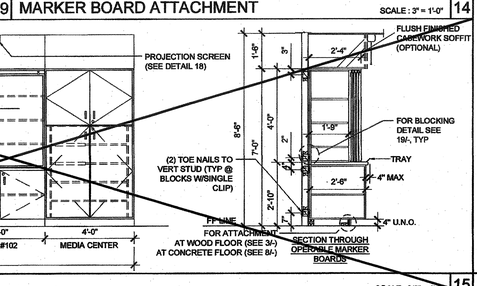
ATTACHMENT TO BLOCKING - CONC. FLOOR SCALE : 3" = 1'-0" 8



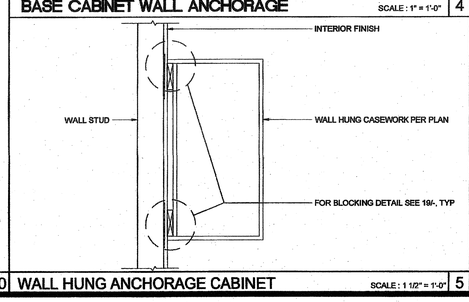
ATTACHMENT TO BLOCKING - WOOD FLOOR SCALE : 3" = 1'-0" 3



TEACHING WALL - ELEVATION / SECTION - OPTION SCALE : 3/8" = 1'-0" 15



TALL CABINET WALL ANCHORAGE SCALE : 1 1/2" = 1'-0" 10



WALL HUNG ANCHORAGE CABINET SCALE : 1 1/2" = 1'-0" 5

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SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
2830 BARRETT AVE. PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
ELITE MODULAR
STOCK PILE #18
~~(6)~~ 48x40 ~~LOCKER~~ BLDG

SHEET TITLE:
ARCHITECTURAL DETAILS
MISCELLANEOUS/OPTIONS

LICENSED ARCHITECT JACK F. SHIVELY C-33467 REN 01-31-2015 STATE OF CALIFORNIA

LICENSED ARCHITECT No. C-33467 REN 01-31-2021 STATE OF CALIFORNIA

ARCHITECT OF RECORD SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 117381
AC S DSA FLS SS DW
DATE APR 26 2018

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (PC) DOCUMENT CODE 2013 CBC
A REPHASE PROJECT APPLICATION IS REQUIRED FOR THIS PROJECT

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114027
AC FLS SS DW
DATE APR 14 2015

REVISIONS
1
2
3
4
5
6
7
8

SILVER CREEK INDUSTRIES
24' x 40' PC (HIGH SEISMIC)

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 09-10-14

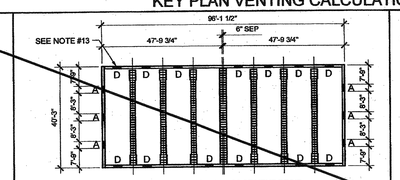
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R49

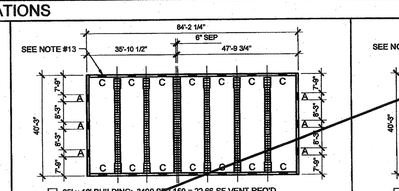
AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC. FLS SS
DATE SEP 30 2013

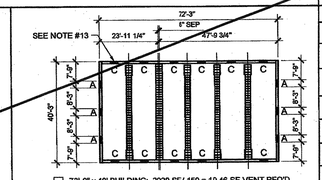
KEY PLAN VENTING CALCULATIONS



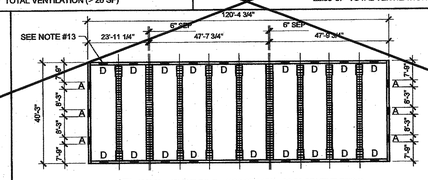
☐ 97'-6" x 40' BUILDING: 3900 SF / 150 = 26 SF VENT REQ'D
(6) - "A" VENT = 8.25 SF
(13) - "D" VENT = 17.87 SF
26.12 SF TOTAL VENTILATION (> 26 SF)



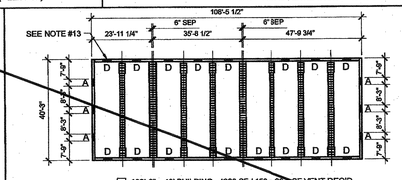
☐ 85' x 40' BUILDING: 3400 SF / 150 = 22.66 SF VENT REQ'D
(6) - "A" VENT = 8.25 SF
(14) - "C" VENT = 14.43 SF
22.68 SF TOTAL VENTILATION (> 22.66 SF)



☐ 73'-0" x 40' BUILDING: 2920 SF / 150 = 19.46 SF VENT REQ'D
(6) - "A" VENT = 8.25 SF
(11) - "C" VENT = 11.34 SF
19.59 SF TOTAL VENTILATION (> 19.46 SF)



☐ 122'-0" x 40' BUILDING: 4880 SF / 150 = 32.53 SF VENT REQ'D
(6) - "A" VENT = 8.25 SF
(18) - "D" VENT = 24.75 SF
33.00 SF TOTAL VENTILATION (> 32.53 SF)



☐ 109'-6" x 40' BUILDING: 4380 SF / 150 = 29.2 SF VENT REQ'D
(6) - "A" VENT = 8.25 SF
(16) - "D" VENT = 22.00 SF
30.25 SF TOTAL VENTILATION (> 29.2 SF)

WOOD FOUNDATION PLATE SCHEDULE

150 PSF

PLATES	END WALL	SIDE WALL	MODLINE PAD AT END WALL	MODLINE PAD AT INTERIOR	PLATES AT SEPARATION ☐ SEPARATE BLDGS	PLATES AT SEPARATION ☐ ONE BLDG
ADDITIONAL (AS NEEDED)	2x4	2x4	2x6	2x6	(2) ROWS OF 2x4	2x12
TOP	2x6	2x6	2x8	2x8	(2) ROWS OF 2x6	2x12
BLOCK	2x8	2x8	2x12	2x12	(2) ROWS OF 2x8 (CONT)	2x12
SILL	2x14	2x14	(7) 2x12 x 30"	2x12 x 24"	(2) ROWS OF 2x14 (CONT)	2x12 x 30"

KEY PLAN VENTING SCHEDULE

VENT "A" (SIDEWALL): 2'-9" x 6" = 1.375 S.F. VENTILATION
"VENT OPENING ABOVE CONT. SILL AND BLOCK PLATES"

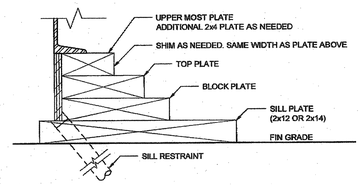
VENT "B" (ENDWALL): (OPTIONAL AT MULTIPLE BLDG SETS) 2'-9" x 3" = 0.68 S.F. VENTILATION
"VENT OPENING ABOVE CONT. SILL AND BLOCK PLATES"

VENT "C" (ENDWALL): (OPTIONAL AT MULTIPLE BLDG SETS) 2'-9" x 4 1/2" = 1.031 S.F. VENTILATION
"VENT OPENING ABOVE CONT. SILL AND BLOCK PLATES"

VENT "D" (ENDWALL): (OPTIONAL AT MULTIPLE BLDG SETS) 2'-9" x 6" = 1.375 S.F. VENTILATION
"VENT OPENING ABOVE CONT. SILL AND BLOCK PLATES"

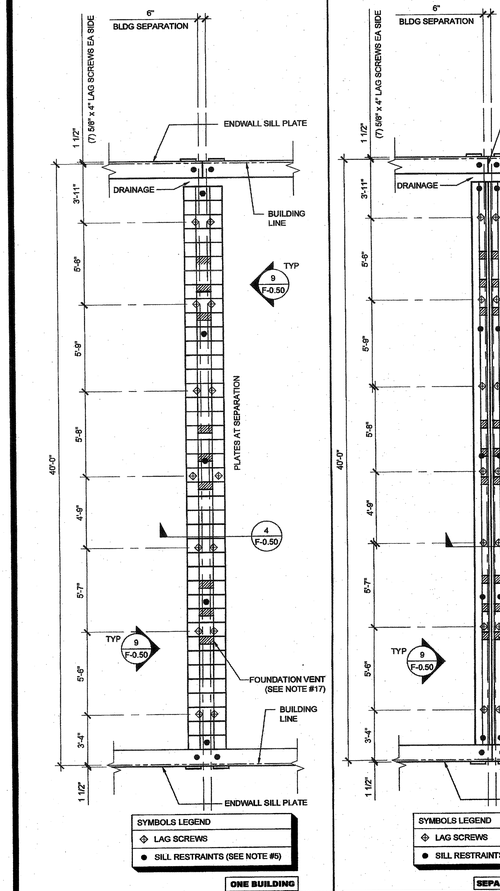
150 PSF FLOOR LIVE LOAD OPTION CANNOT BE USED WITH THE STUCCO WALL OR PARAPET OPTIONS

FOUNDATION PLATE DESCRIPTION

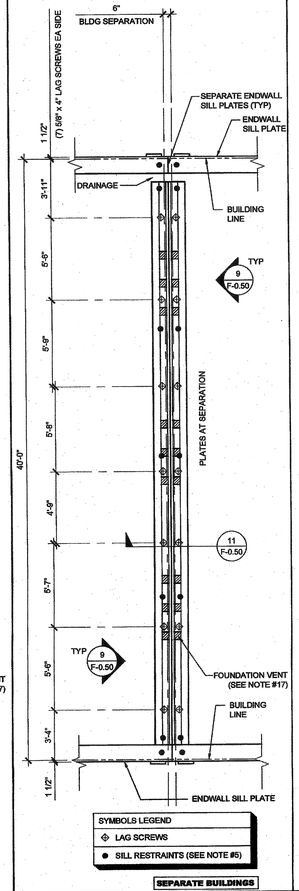


NOTES

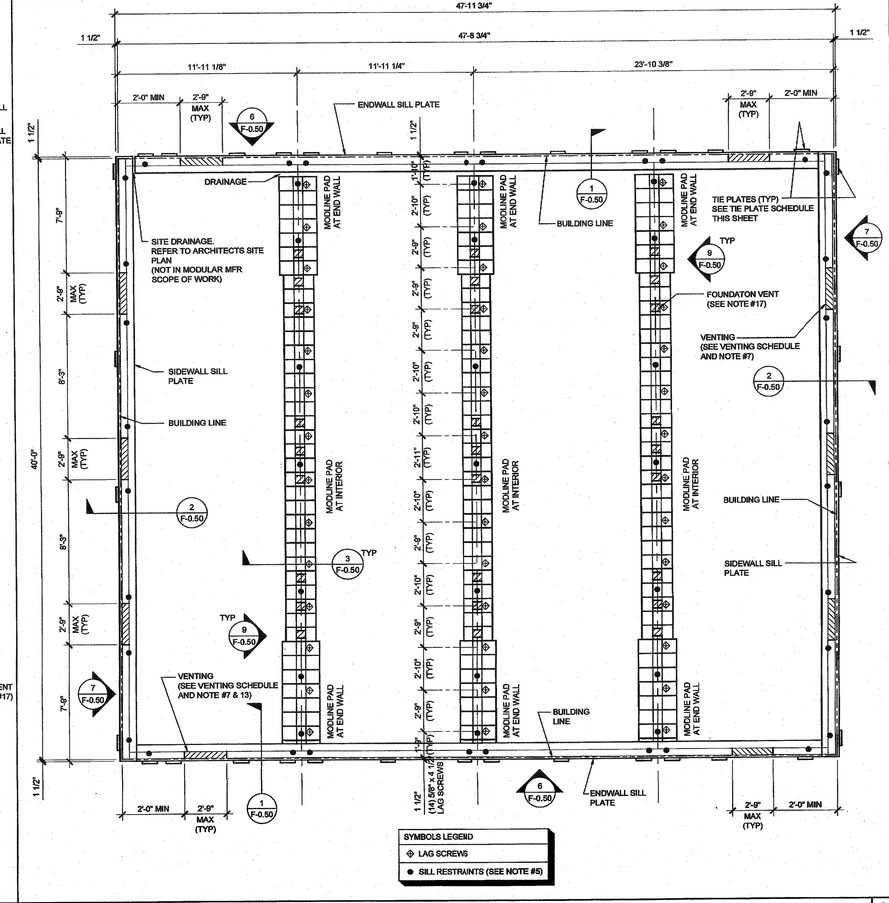
1. BUILDINGS OVER 2160 SF. MUST BE INSTALLED ON A PERMANENT CONCRETE FOUNDATION PER IR 16-1 ITEM 1.4.
2. FOUNDATION PLAN HAS A 1/4" ADDED AT EACH MODULE LINE AND DOES NOT MATCH THE FLOOR PLAN. ADDITIONAL LENGTH ADDED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULAR FLOORS.
3. FOUNDATION VENTS THAT OCCUR UNDER RAMP LANDINGS, PROVIDE AN EQUAL AREA OF SCREENED VENT IN LANDING SKIRT.
4. WOOD SILL (FOOTING) PLATES SHALL BE PRESSURE TREATED HEM-FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE. GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING BY OTHERS. THE WOOD SILL FOOTING PLATE MAY SUPPORT CONTINUOUS BLOCKING AND SHEATHING SKIRT WHICH NEED NOT BE TREATED.
5. SILL RESTRAINT:
THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMPS AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES. AN ACCEPTABLE DESIGN WOULD INCORPORATE ONE-INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL O.D.) HOT DIPPED GALVANIZED PIPES OR ONE-INCH DIAMETER SOLID STEEL RODS SPACED AT NOT MORE THAN 10'-0" O.C. ONE PIPE / ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPES / RODS PER DISCONTINUOUS FOUNDATIONS STRIP. PIPES SHOULD PENETRATE INTO SOIL, CONCRETE, AND/OR PAVING A MINIMUM OF 12" MEASURED VERTICALLY. ALTERNATE OR EQUIVALENT DESIGNS, WHEN PROVIDED WITH STRUCTURAL CALCULATIONS AND DETAILS, WILL BE SUBMITTED TO DSA FOR REVIEW AND APPROVAL.
6. STACKED WOOD MEMBERS FOR FOUNDATIONS AND PRESSURE TREATED LUMBER SHALL BE NAILED WITH HOT DIPPED GALVANIZED PER ASTM A-153
7. VENTILATION OPENINGS SHALL BE COVERED FOR EITHER HEIGHT AND WIDTH WITH CORROSION - RESISTANT WIRE MESH, WITH A CLEAR "THROUGH" DIMENSION NOT EXCEEDING 1/8" ACTING AS A VERMIN BARRIER.
8. VENTING CALCULATION REQUIREMENTS FOR MULTIPLE BUILDING SETS MUST BE CALCULATED WITH OVERALL SQUARE FOOTAGE INCLUDING SEPARATION.
9. FOR FOUNDATION ANCHORAGE ON CONCRETE PAD, SEE DETAIL 15/F0.50A.
10. IF OPTIONAL ENDWALL VENTS ARE APPLIED, SILL PLATE AND BLOCK PLATE MUST BE CONTINUOUS. VENT OPENINGS SHALL BE BROKEN ABOVE THE BLOCK PLATE
11. FOR FOUNDATION SPLICE - SEE 5/F-0.50A
12. CRAWLSPACE VAPOR RETARDERS (OPTIONAL):
THE OPTIONAL TOTAL AREA OF VENTILATION OPENINGS IS PERMITTED TO BE REDUCED TO 1/1500 FACTOR WITH AN APPROVED VAPOR RETARDER MATERIAL PER CBC SECTION 1203.3.2(2).
MATERIALS:
GROUND SURFACE COVERED WITH AN APPROVED VAPOR RETARDER MATERIAL; MUST HAVE A PERM RATING OF ONE OR LESS; SHOULD BE CONTINUOUS; POLYETHELYNE FILM (≥ 6 MIL); POOL LINER (PUNCTURE RESISTANT); AND POLYETHELYNE FILM WITH RAT SLAB.
INSTALLATION RECOMMENDATIONS:
OVERLAP JOINTS BY 6 INCHES; TAPE OR SEAL ALL JOINTS; ATTACH VAPOR RETARDER OVER SILL PLATE PER 10/F0.50A; SEAL TO ALL PIERS AND OTHER PENETRATIONS.
13. ENDWALL VENTS (IF REQ'D) SHALL BE LOCATED A MIN OF 24" FROM BUILDING CORNERS. MAXIMUM ONE ENDWALL VENT PER 12'-0" MODULE
14. CONCRETE FLOOR LOAD IS INCLUDED IN THE CONCRETE FOUNDATION OPTION FOR FOUNDATION & ANCHORAGE DESIGN, I.E. THERE IS NO CONCRETE FLOOR FOR WOOD FOUNDATION OPTION. THERE IS CONCRETE FLOOR FOR CONCRETE FOUNDATION OPTION
15. IF PARAPET IS HIGHER THAN 18", COMBINATION REQUIRES A 2 X 14" OR 2 X 16" SILL PLATE @ EXTERIOR OF BUILDING
16. 150 PSF FLOOR LIVE LOAD OPTION CANNOT BE USED WITH THE STUCCO WALL OPTION
17. VENTS AT MODLINE FOUNDATIONS. THE MINIMUM CRITERIA REQUIREMENT AS FOLLOWS:
A. VENTS HAVE A MINIMUM OF 2 SILL /BLOCKING PLATES BENEATH.
B. VENTS ARE A MAXIMUM OF 6" LONG x 3" MIN. HIGH.
C. VENTS ARE SPACED A MINIMUM OF 8" APART (EDGE TO EDGE) AND 24" MIN. FROM CORNERS.



FOOTING AT SEP SCALE: 1/4" = 1'-0" 3



FOOTING AT SEP SCALE: 1/4" = 1'-0" 2



FOUNDATION PLAN SCALE: 1/4" = 1'-0" 1

NAILING SCHEDULE

BUILDING SIZE	(2) 16d BOX NAILS PLATE TO PLATE ATTACHMENT BELOW UPPER MOST PLATE
48' x 40'	5" OC AT ENDWALL - 1 / F-0.50 12" OC AT SIDEWALL - 2 / F-0.50 10" OC AT SEPARATION - 4 / F-0.50

VENTING SCHEDULE

BUILDING SIZE	BUILDING AREA	REQUIRED VENTING	SIDEWALL VENTING	ENDWALL VENTING	TOTAL VENTING SUPPLIED
48' x 40'	1920 SF	12.8 SF (1/150)	2.75' x 6" = (6) 1.375 SF/ EA (8.25 SF TOTAL)	2.75' x 6" = (4) 1.375 SF/ EA (5.5 SF TOTAL)	13.75 SF SEE NOTE #6

TIE PLATE SCHEDULE

BUILDING SIZE	SIDE WALL TIE PLATES	END WALL TIE PLATES	TOTAL NUMBER OF TIE PLATES
48' x 40'	4	13	34

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SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
2830 BARRETT AVE. PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
ELITE MODULAR
STOCK PILE #18
~~(2)~~ 48x40 ~~LOCKER~~ BLDG

SHEET TITLE:
WOOD FOUNDATION PLAN
48x40
(150 PSF)

STAVARES & ASSOCIATES

LICENSED ARCHITECT JACK E. STAVARES No. C-33467 REN 01-31-2015 STATE OF CALIFORNIA
REGISTERED PROFESSIONAL ENGINEER JACK E. STAVARES No. S33380 STRUCTURAL STATE OF CALIFORNIA
04/01/2015
RSA# 14001

ARCHITECT OF RECORD SUBMISSION DATE
LICENSED ARCHITECT JACK E. STAVARES No. C-33467 REN 01-31-2015 STATE OF CALIFORNIA

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 117381
AC. — FLS — SS DAV
DATE APR 2 6 2018

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (PC) DOCUMENT A SEPARATE PROJECT APPLICATION & DOCUMENTATION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114027
AC. FLS SS
DATE APR 14 2015

REVISIONS
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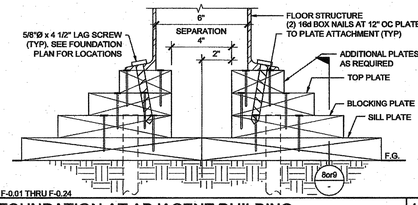
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24' x 40' PC (HIGH SEISMIC)
PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 09-10-14

P.C. SHEET NUMBER
F-0.24
- - HIGH SEISMIC - -

R49

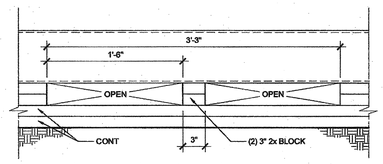
AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019

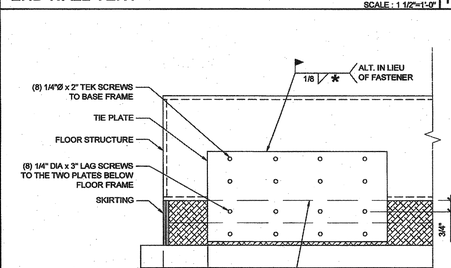


REF: F-0.01 THRU F-0.24

16 FOUNDATION AT ADJACENT BUILDING SCALE : 3"=1'-0"

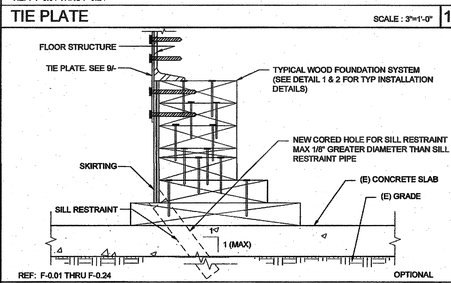


17 END WALL VENT SCALE : 1 1/2"=1'-0"



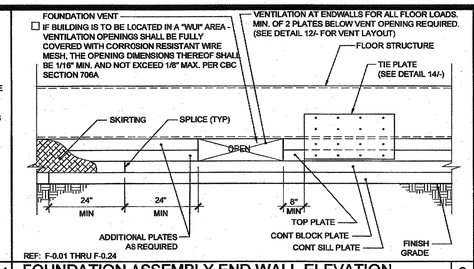
REF: F-0.01 THRU F-0.24

18 19 TIE PLATE SCALE : 3"=1'-0"



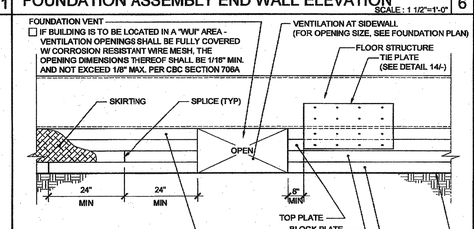
REF: F-0.01 THRU F-0.24 OPTIONAL

20 FOUNDATION ANCHORAGE AT CONCRETE PAD SCALE : 3"=1'-0"



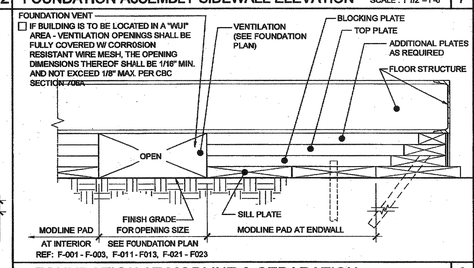
REF: F-0.01 THRU F-0.24

6 FOUNDATION ASSEMBLY END WALL ELEVATION SCALE : 1 1/2"=1'-0"



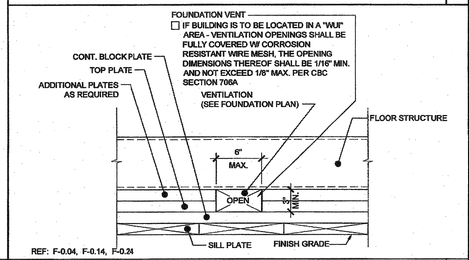
REF: F-001 - F-003, F-011 - F013, F-021 - F023

7 FOUNDATION ASSEMBLY SIDEWALL ELEVATION SCALE : 1 1/2"=1'-0"



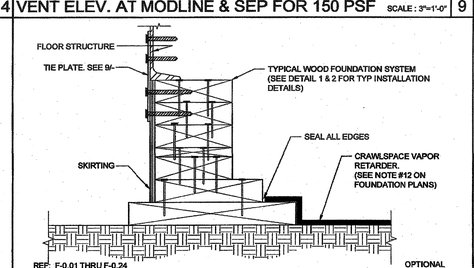
REF: F-001 - F-003, F-011 - F013, F-021 - F023

8 FOUNDATION AT MODLINE & SEPARATION SCALE : 1 1/2"=1'-0"



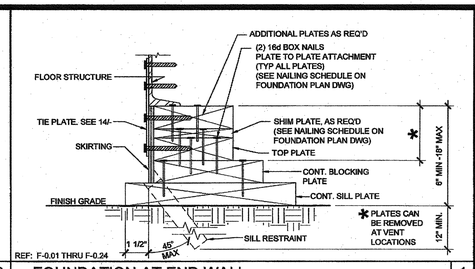
REF: F-0.04, F-0.14, F-0.24

14 VENT ELEV. AT MODLINE & SEP FOR 150 PSF SCALE : 3"=1'-0"



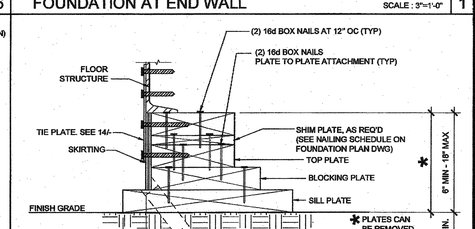
REF: F-0.01 THRU F-0.24 OPTIONAL

15 CRAWLSPACE VAPOR RETARDER SCALE : 3"=1'-0"



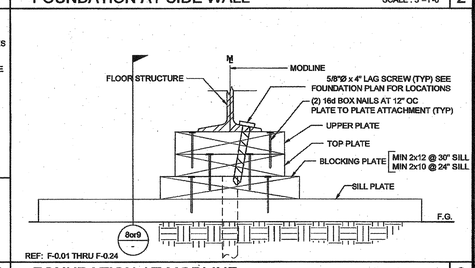
REF: F-0.01 THRU F-0.24

1 FOUNDATION AT END WALL SCALE : 3"=1'-0"



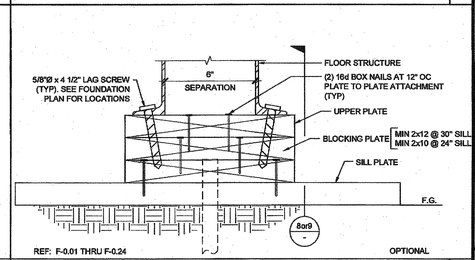
REF: F-0.01 THRU F-0.24

2 FOUNDATION AT SIDE WALL SCALE : 3"=1'-0"



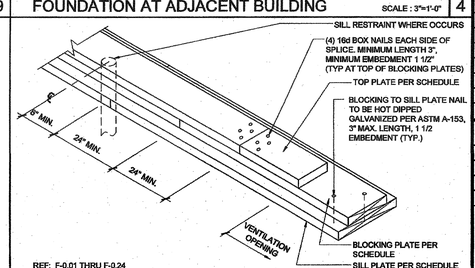
REF: F-0.01 THRU F-0.24

3 FOUNDATION AT MODLINE SCALE : 3"=1'-0"



REF: F-0.01 THRU F-0.24 OPTIONAL

4 FOUNDATION AT ADJACENT BUILDING SCALE : 3"=1'-0"



REF: F-0.01 THRU F-0.24

5 FOUNDATION SPLICE SCALE : NTS

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SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
2830 BARRETT AVE. PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
ELITE MODULAR
STOCK PILE #18
(E) 48x40 ~~LOCKER~~ BLDG

SHEET TITLE:
FOUNDATION DETAILS
WOOD

TAVARES ASSOCIATES
STRUCTURAL ENGINEERING CONSULTANTS
41870 W. ROMONDO RD., SUITE 205
SAN DIEGO, CA 92110 858.453.2200
WWW.TAVARESINC.COM

LICENSED ARCHITECT JACK A. SHIVELY No. C-33467 REN 01-31-2015 STATE OF CALIFORNIA
REGISTERED PROFESSIONAL ENGINEER JACK A. SHIVELY No. S3380 STRUCTURAL SEE OF CALIFORNIA
04/01/2015

LOGIN # 634

ARCHITECT OF RECORD SUBMISSION DATE
LICENSED ARCHITECT JACK A. SHIVELY No. C-33467 REN 01-31-2021 STATE OF CALIFORNIA

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
03 117301
AC FLS SS
DATE APR 2 6 2018

ORIGINAL PC STATE AGENCY APPROVAL
PRE-CHECK (PC) DOCUMENT CODE 2013 CBC
A SUPPLEMENT PROJECT APPLICATION & CONSTRUCTION DOCUMENTS
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114027
AC FLS SS
DATE APR 1 4 2015

REVISIONS
1
2
3
4
5
6
7
8
9

SILVER CREEK INDUSTRIES
24' x 40' PC (HIGH SEISMIC)

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 06-10-14

P.C. SHEET NUMBER
F-0.50
- - HIGH SEISMIC - -

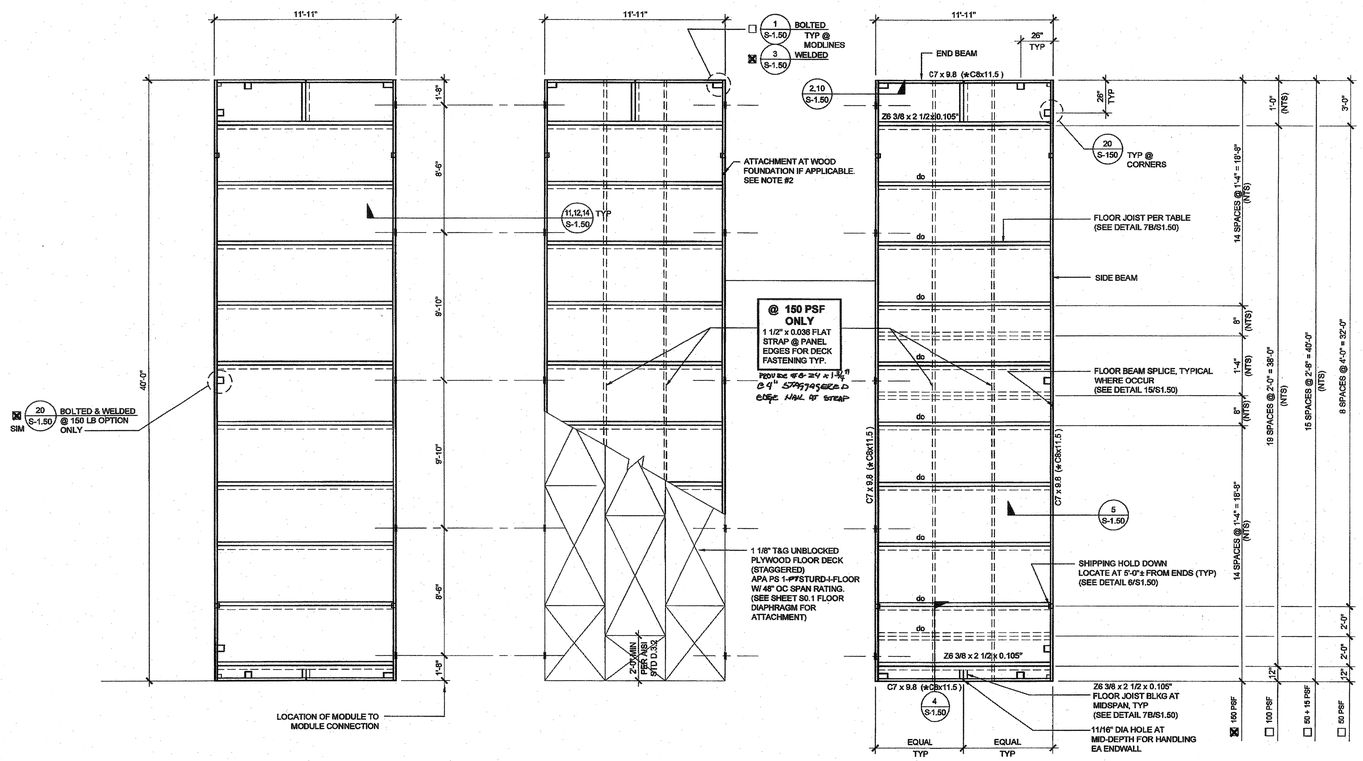
R49

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC ✓ FLS ✓ SS S
DATE SEP 30 2019

NOTE:
* PERIMETER BEAM SHALL BE C8x11.5 FOR OVER 9' COLUMN HEIGHTS AND AT 48" ROOF PARAPET OPTIONS

REAR



LEFT HAND MODULE | INTERIOR MODULE | RIGHT HAND MODULE

FRONT

NOTES:

1. FOR FLOOR BLOCKING SEE DETAILS 4,7B / S-1.50 (STD), 4,7A / S-1.50 (ALT)
2. FOR BUILDINGS ON WOOD FOUNDATION SYSTEMS, PROVIDE 1 1/16" DIA. HOLE AT BOTTOM FLANGE OF FLOOR BEAM FOR LAG SCREW ATTACHMENT TO FOUNDATION PLATES BELOW. FOR EXACT HOLE LOCATIONS, SEE FOUNDATION PLAN.
3. FLOOR SHEATHING SHALL BE PRESSURE TREATED WOOD OR NATURAL DURABLE IF BOTTOM OF WOOD IS LESS THAN 18" CLEAR FROM TOP OF FINISHED GROUND SURFACE.
4. HSS COLUMN SCHEDULES ON SHEETS S-3.01 THRU S-3.04

FLOOR JOIST TABLE

	LIVE LOAD PSF	JOIST SPACING
☐	50	48"
☐	50 + 15	32"
☐	100	24"
☒	150	16"

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2830 BARRETT AVE. PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
ELITE MODULAR
STOCK PILE #18
~~(0)~~ 48x40 ~~LOCKER~~ BLDG

SHEET TITLE:
FLOOR FRAMING PLAN
WOOD FLOOR

STAVARES ASSOCIATES
STRUCTURAL PROJECT SET
1 SANTA FE, SUITE 200, RANCHO SANTA MARGARITA, CA 92688
PHONE: (949) 888-2000 FAX: (949) 888-2001
www.stavaresassociates.com

LICENSED ARCHITECT PATRICK J. SHIVELY No. C-33457 RENEWAL 01-31-2015 STATE OF CALIFORNIA
REGISTERED PROFESSIONAL ENGINEER STEVEN J. STAVARES No. S3380 STRUCTURAL STATE OF CALIFORNIA REG# 1/4001
04/01/2015

ARCHITECT OF RECORD SUBMISSION DATE

LICENSED ARCHITECT PATRICK J. SHIVELY No. C-33457 RENEWAL 01-31-2021 STATE OF CALIFORNIA

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
01 117301
ACS — FLS — SS DW
DATE APR 26 2018

ORIGINAL PC STATE AGENCY APPROVAL
PRE-CHECK (PC) DOCUMENT
CODE: 2013 CBC
VERIFIED PRODUCT APPLICATION FOR CONSTRUCTION IN CALIFORNIA
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114027
AC — FLS ✓ SS
DATE APR 14 2015

REVISIONS
1 2 3 4 5 6 7 8

SILVER CREEK INDUSTRIES
24' x 40' PC (HIGH SEISMIC)

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	09-10-14

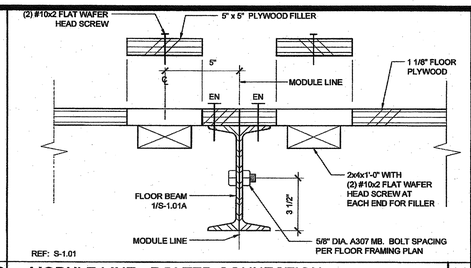
P.C. SHEET NUMBER
S-1.01
- - HIGH SEISMIC - -

FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0" 1

R49

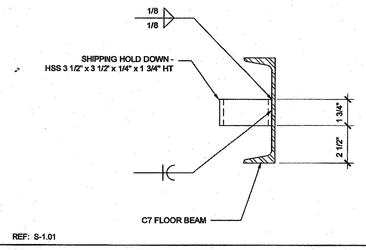
AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC ___ FLS ___ SS ___
DATE SEP 30 2019



REF: S-1.01

16 MODULE LINE - BOLTED CONNECTION SCALE : 3" = 1'-0"

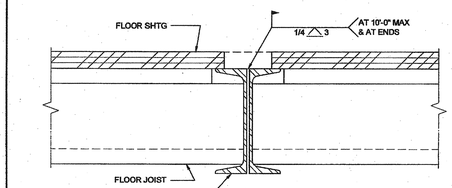


REF: S-1.01

11 SHIPPING HOLD DOWN DETAIL SCALE : 3"=1'-0"

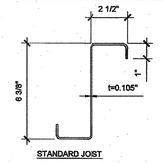
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REF: S-1.01

17 MODULE LINE CONNECTION (OPTION 1) SCALE : 3"=1'-0"



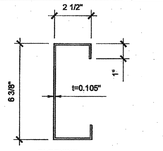
STANDARD JOIST
t=0.105"
Sx : 2.4465 IN 3 MIN
Ix : 7.798 IN 4
Fy : 33 KSI
Z$_x$: 3.00 IN^3

ASTM A-1011, GRADE 33

REF: S-1.01

12 FLOOR JOIST SCALE : 3" = 1'-0"

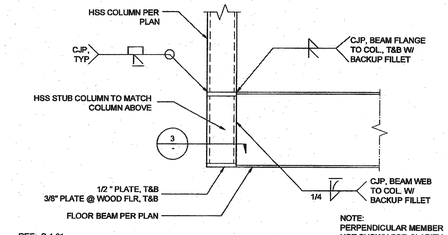
7B



BLOCKING
t=0.105"
Sx : 2.4465 IN 3 MIN
Ix : 7.798 IN 4 MIN
Fy : 33 KSI
Z$_x$: 3.00 IN^3

ASTM A-1011, GRADE 33

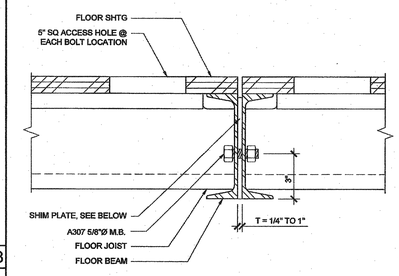
7A BLOCKING SCALE : 3" = 1'-0"



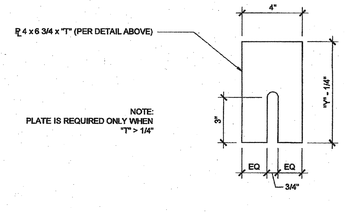
NOTE: PERPENDICULAR MEMBER NOT SHOWN FOR CLARITY

REF: S-1.01

2 FLOOR BEAM TO COLUMN CONNECTION SCALE : 1 1/2" = 1'-0"



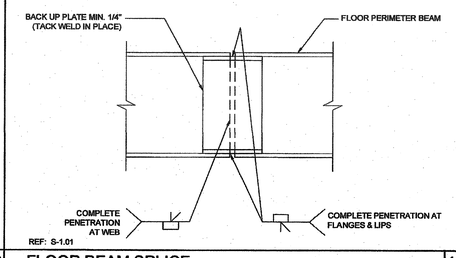
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REF: S-1.01

19 MODULE LINE CONNECTION (OPTION 2) SCALE : 3"=1'-0"

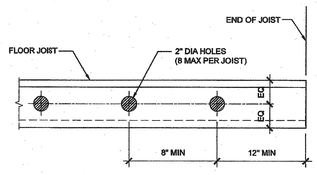
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REF: S-1.01

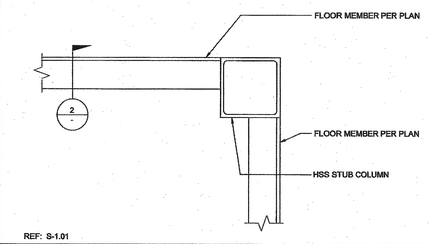
20 FLOOR BEAM SPLICE SCALE : 3" = 1'-0"

15



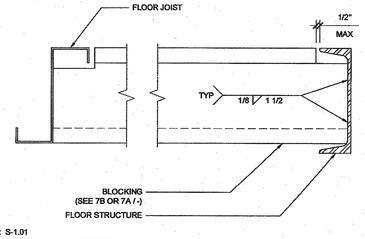
FLOOR JOIST HOLES (OPTIONAL) SCALE : 1/8" = 1'-0" 8

10



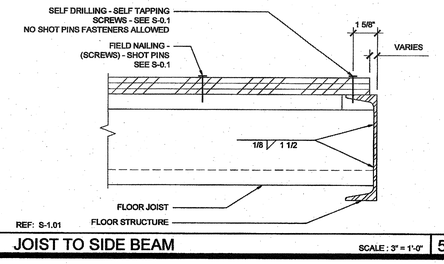
REF: S-1.01

CORNER CONNECTION SCALE : 3" = 1'-0" 3



REF: S-1.01

BLOCKING TO END BEAM SCALE : 3" = 1'-0" 4



REF: S-1.01

5 JOIST TO SIDE BEAM SCALE : 3" = 1'-0"

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SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
2830 BARRETT AVE. PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
ELITE MODULAR
STOCK PILE #18
(6) 48x40 ~~LOCKER~~ BLDG

SHEET TITLE:
FLOOR FRMING DETILS
WOOD FLOOR

TAVARES ASSOCIATES
RS#14001

LICENSED ARCHITECT JACK E. SHIFFLETT No. C-33467 REN 01-31-2015 STATE OF CALIFORNIA
REGISTERED PROFESSIONAL ENGINEER JACK E. SHIFFLETT No. 53380 STRUCTURAL STATE OF CALIFORNIA
04/01/2015

ARCHITECT OF RECORD SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
01 117381
AC ___ FLS ___ SS ___
DATE APR 26 2018

ORIGINAL PC STATE AGENCY APPROVAL
PRE-CHECK (PC) DOCUMENT CODE 2513 CBC
A SEPARATE PROJECT APPLICATION & PERMIT IS REQUIRED
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114027
AC ___ FLS ___ SS ___
DATE APR 14 2015

REVISIONS
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SILVER CREEK INDUSTRIES
24' x 40' PC (HIGH SEISMIC)

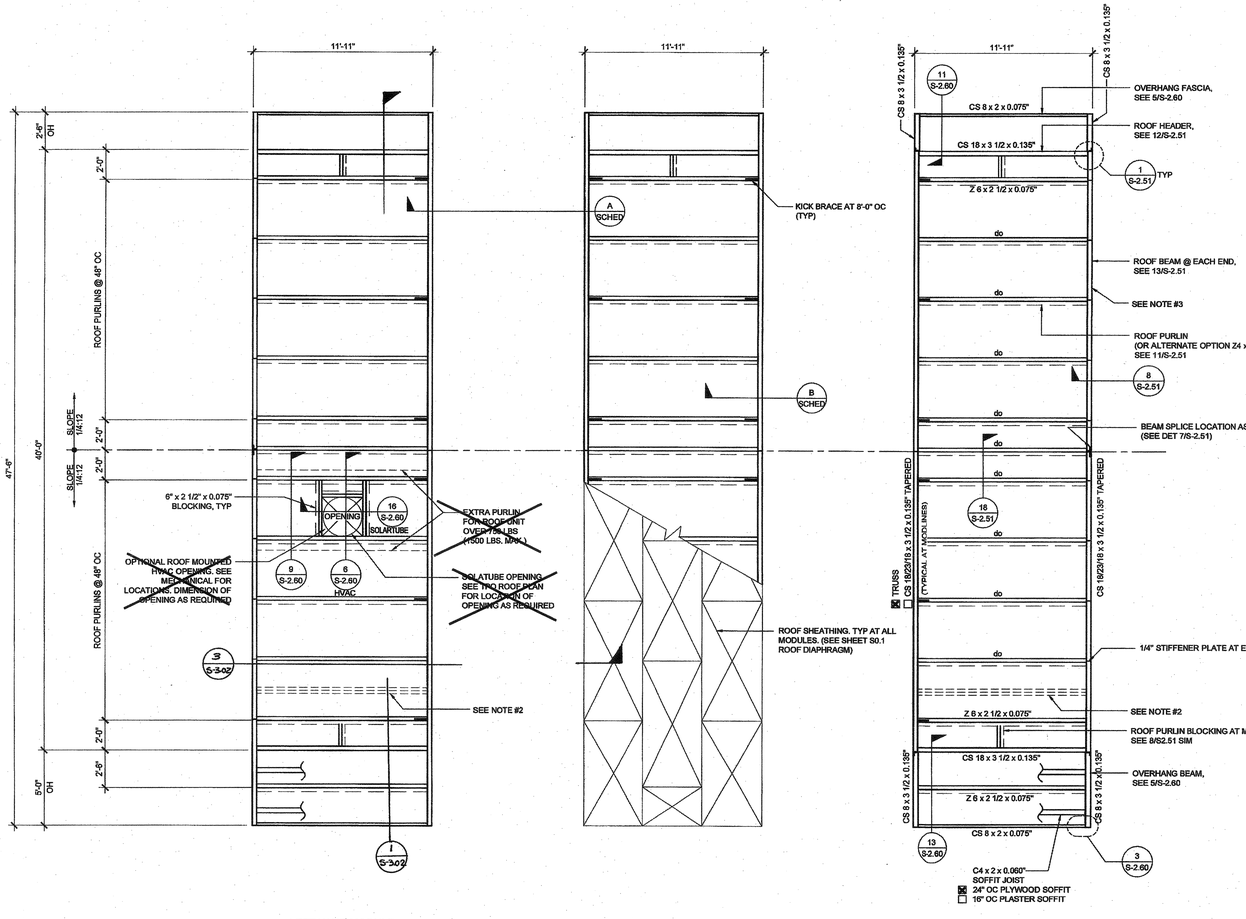
PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 09-10-14

P.C. SHEET NUMBER
S-1.50
- - HIGH SEISMIC - -

R49

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS 01
DATE SEP 30 2019



LEFT HAND MODULE

INTERIOR MODULE

RIGHT HAND MODULE

ROOF FRAMING PLAN

SCALE: 1/4" = 1'-0" | 1

NOTES

1. FOR WALL MOUNTED HVAC UNIT, PROVIDE OPENING THROUGH REAR ROOF HEADER WHERE IT OCCURS. SEE FLOOR PLAN FOR HVAC LOCATION. SEE 5,15 / S-2.50 OR 5,15 / S-2.51 FOR DETAILS.
2. OPTIONAL PURLIN FOR FIRE SPRINKLER LINE AS NEEDED. LOCATION OF FIRE SPRINKLER PURLIN TO BE DETERMINED BY SITE STIFFENER PLATE OR ANGLE BRACE REQUIRED AT THIS LOCATION. FOR FIRE SPRINKLER LINE SIDE BEAM PENETRATION, SEE 14 / S2.50 OR 14 / S2.51 DETAILS
3. FOR OPTIONAL SIDE BEAM OPENING SEE 10, 15/S-2.50 OR 10, 15/S-2.51 FOR DETAILS.

ROOF FRAME SCHEDULE AT MODLINES

☒ STANDARD TRUSS
"A" SEE DETAIL 7 / S-2.90
"B" SEE DETAIL 8 / S-2.90

☐ ALTERNATE OPTION - TAPERED ROOF BEAM
"A" SEE DETAIL 9 / S-2.50
"B" SEE DETAIL 8 / S-2.50

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SILVER CREEK
2830 BARRETT AVE. PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
ELITE MODULAR
STOCK PILE #18
(2) 48x40 ~~LOOKER~~ BLDG

SHEET TITLE:
ROOF FRAMING PLAN
0.018", B.U.R., OR TPO
DUAL SLOPE

TAVARES ASSOCIATES
STRUCTURAL ENGINEERS
1400 N. HARBOR BLVD., SUITE 800
SAN DIEGO, CA 92101 (619) 233-5324
www.tavares.com

LICENSED ARCHITECT JACK R. SHIVELY No. C-33467 REN 01-31-2015 STATE OF CALIFORNIA
REGISTERED PROFESSIONAL ENGINEER JACK R. SHIVELY No. S3380 STRUCTURAL STATE OF CALIFORNIA
04/01/2015
RS1# 14001

ARCHITECT OF RECORD SUBMISSION DATE
LICENSED ARCHITECT JACK R. SHIVELY No. C-33467 REN 01-31-2015 STATE OF CALIFORNIA

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 117381
ACS - FLS - SS DW
DATE APR 2 6 2018

ORIGINAL PC STATE AGENCY APPROVAL
PRE-CHECK (PC) DOCUMENT
CODE 2013 CBC
A SEPARATE PERMIT APPLICATION & CONSTRUCTION DOCUMENTS REQUIRED
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114027
AC FLS SS LW
DATE APR 14 2015

REVISIONS
1
2
3
4
5
6
7
8

SILVER CREEK INDUSTRIES
24' x 40' PC (HIGH SEISMIC)

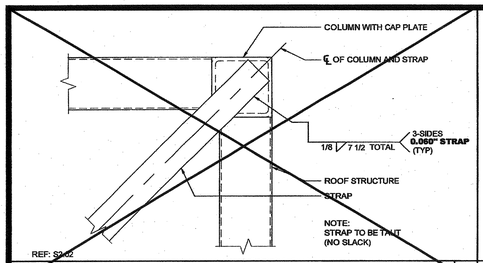
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P.C. SHEET NUMBER
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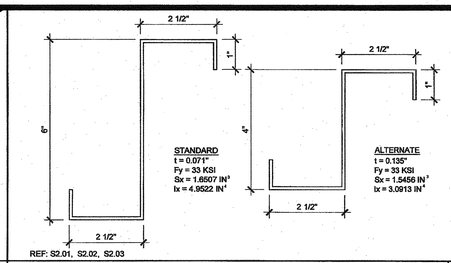
R49

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

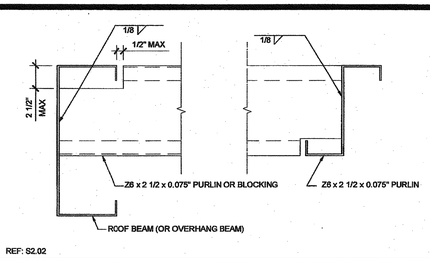
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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120193
AC FLS SS
DATE SEP 30 2019



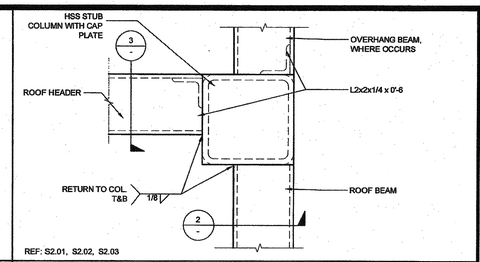
ROOF BRACING STRAP @ END WALL — SCALE : 3"=1'-0" — 16



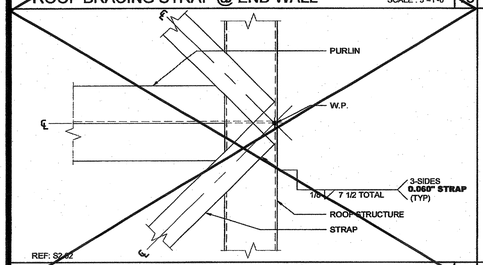
ROOF PURLIN — SCALE : 6"=1'-0" — 11



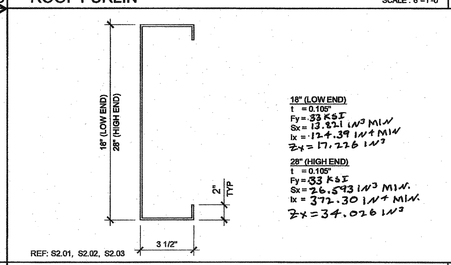
TYPICAL PURLIN CONNECTION DETAIL — SCALE : 3" = 1'-0" — 6



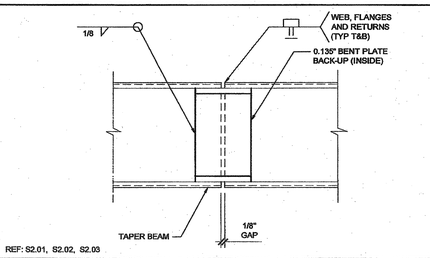
COLUMN AT ROOF - PLAN — SCALE : 3" = 1'-0" — 1



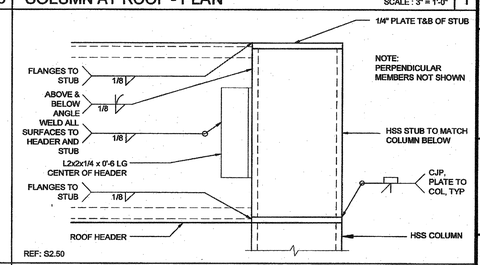
ROOF BRACING STRAP @ SIDE WALL — SCALE : 3"=1'-0" — 17



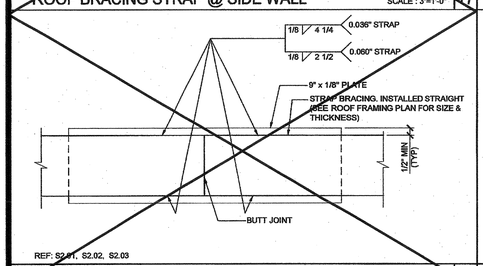
ROOF HEADER — SCALE : NTS — 12



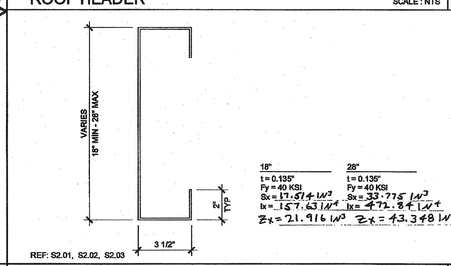
BEAM SPLICE — SCALE: 3" = 1'-0" — 7



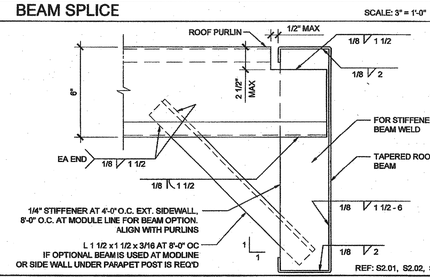
COLUMN AT ROOF - SECTION — SCALE : 3" = 1'-0" — 2



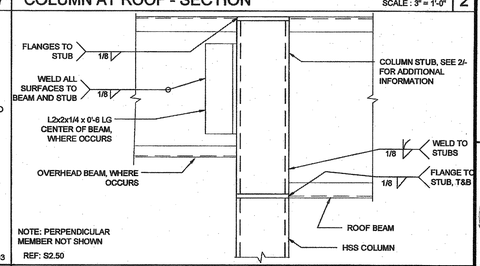
STRAP SPLICE DETAIL — SCALE : 6" = 1'-0" — 18



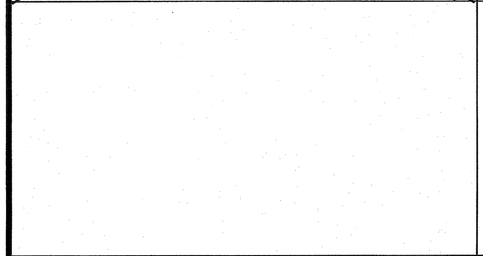
ROOF HEADER — SCALE : NTS — 12



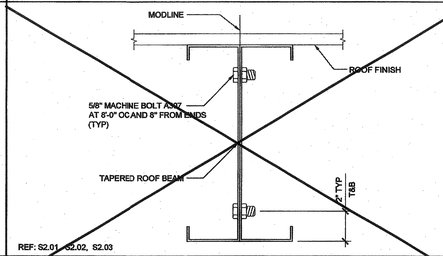
BEAM SPLICE — SCALE: 3" = 1'-0" — 7



COLUMN AT ROOF - SECTION — SCALE : 3" = 1'-0" — 2



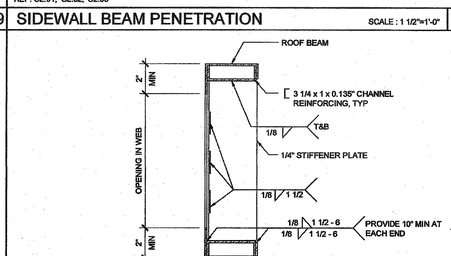
SIDE BEAM — SCALE : NTS — 13



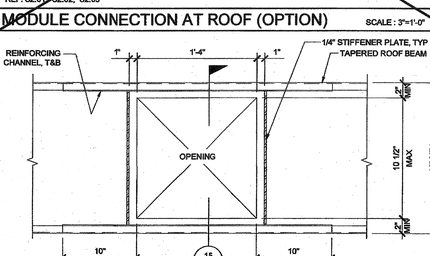
PURLIN TO ROOF BEAM @ STIFFENER — SCALE : 3"=1'-0" — 8

COLUMN AT ROOF OVERHANG — SCALE : 3" = 1'-0" — 3

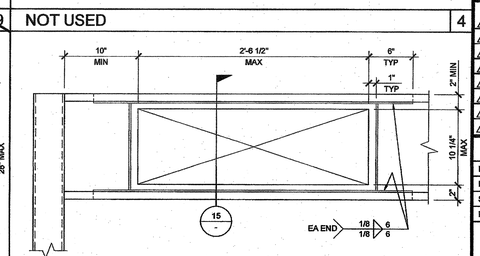
STRAP SPLICE DETAIL — SCALE : 6" = 1'-0" — 18



SIDEWALL BEAM PENETRATION — SCALE : 1 1/2"=1'-0" — 14



MODULE CONNECTION AT ROOF (OPTION) — SCALE: 3"=1'-0" — 9



OPENING AT HEADER — SCALE : 1 1/2"=1'-0" — 5

WEB OPENING AT ROOF BEAM (OPTION) — SCALE : 3" = 1'-0" — 15

OPENING AT ROOF BEAM (OPTION) — SCALE : 1 1/2" = 1'-0" — 10

NOT USED — 4

SIDEWALL BEAM PENETRATION — SCALE : 1 1/2"=1'-0" — 14

MODULE CONNECTION AT ROOF (OPTION) — SCALE: 3"=1'-0" — 9

OPENING AT HEADER — SCALE : 1 1/2"=1'-0" — 5

WEB OPENING AT ROOF BEAM (OPTION) — SCALE : 3" = 1'-0" — 15

OPENING AT ROOF BEAM (OPTION) — SCALE : 1 1/2" = 1'-0" — 10

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SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
2830 BARRETT AVE. PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

ELITE MODULAR
STOCK PILE #18
(2) 48x40 ~~LOOKER~~ BLDG

SHEET TITLE:

ROOF FRAMING DETAILS
MONO SLOPE

TAVARES ASSOCIATES

LICENSED ARCHITECT — JACK F. SHIVELY — No. C-33467 — REN 01-31-2015 — STATE OF CALIFORNIA
REGISTERED PROFESSIONAL ENGINEER — No. S3380 — STRUCTURAL — STATE OF CALIFORNIA
04/01/2015

ARCHITECT OF RECORD SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 117381
AC FLS SS
DATE APR 2 6 2018

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (PC) DOCUMENT CODE 2013 CBC
A SEPARATE PROJECT APPLICATION IS NOT REQUIRED FOR THIS DOCUMENT

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114027
AC FLS SS
DATE APR 14 2015

REVISIONS

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SILVER CREEK INDUSTRIES
24' x 40' PC (HIGH SEISMIC)

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	09-10-14

P.C. SHEET NUMBER

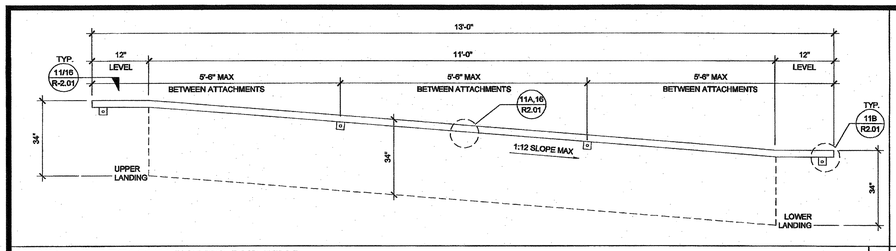
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- - HIGH SEISMIC - -

R49

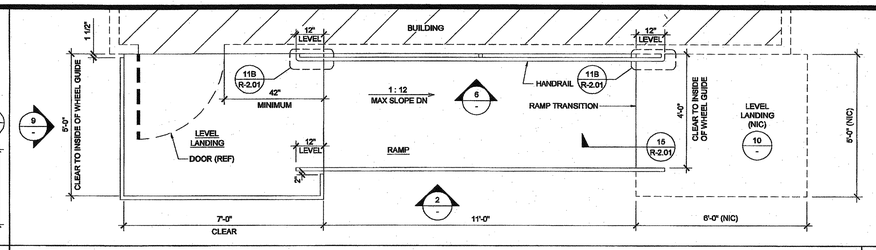
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FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019



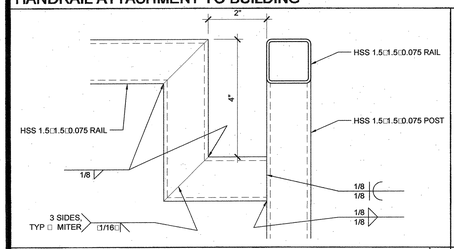
HANDRAIL ATTACHMENT TO BUILDING

SCALE : 1" = 1'-0" | 6



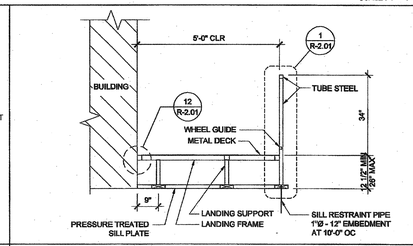
RAMP AND LANDING AT BUILDING

SCALE : 1/2" = 1'-0" | 1



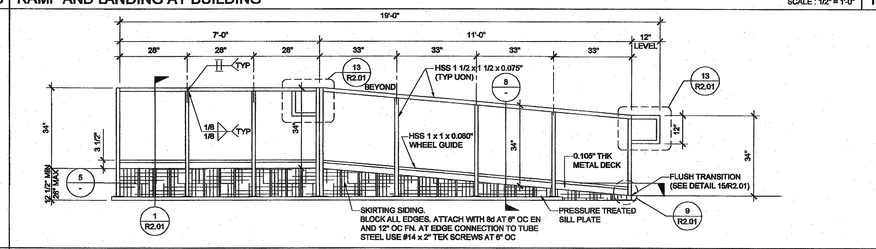
RAIL NOTCH AT HANDRAIL

SCALE : 6" □ 1'-0" | 11



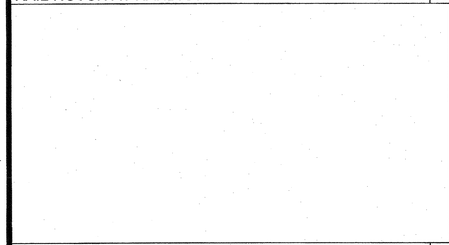
SECTION AT LANDING

SCALE : 1/2" = 1'-0" | 7



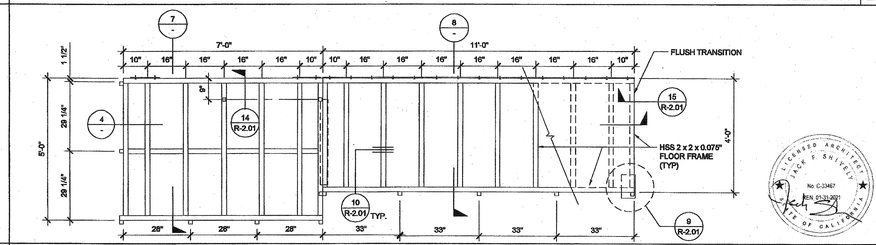
RAMP AND LANDING ELEVATION

SCALE : 1/2" = 1'-0" | 2



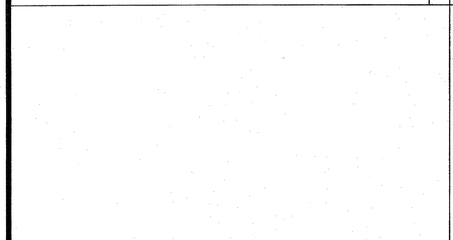
12 SECTION AT RAMP

SCALE : 1/2" = 1'-0" | 8



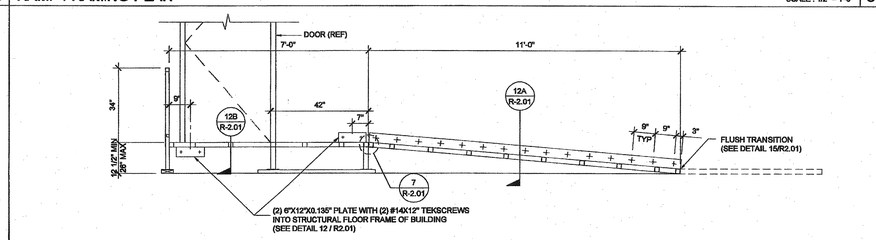
RAMP FRAMING PLAN

SCALE : 1/2" = 1'-0" | 3



13 LANDING ELEVATION

SCALE : 1/2" = 1'-0" | 9



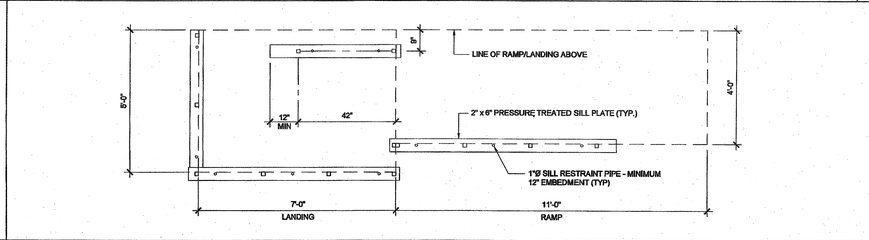
SECTION AT RAMP AND LANDING

SCALE : 1/2" = 1'-0" | 4

NOTE:
1. 1:20 TRANSITION OFF OF LOWER LANDING REQUIRES NO HANDRAILS.
2. TRANSITIONS EXCEEDING 1:20 BUT NOT TO EXCEED 1:12 REQUIRE REMOVAL OF 12" HANDRAIL EXTENSION AND ADDITIONAL HANDRAILING BY DISTRICT.
(THIS CONDITION REQUIRES A SITE SPECIFIC DETAIL PROVIDED BY ARCHITECT TO DEMONSTRATE ACCESSIBLE RAMP.)

14 RAMP TRANSITION

SCALE: NTS | 10



SILL PLAN FOR RAMP AND LANDING

SCALE : 1/2" = 1'-0" | 5

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2830 BARRETT AVE. PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:
ELITE MODULAR
STOCK PILE #18
(2) 48x40 ~~LOCKER~~ BLDG

SHEET TITLE:
RAMP LANDING

LICENSED ARCHITECT JACK E. SHIFFER III C-33467 REN 01-31-2015 STATE OF CALIFORNIA

ARCHITECT OF RECORD SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 117301
ACS ~~ns4~~ FLS ~~SS~~ 2nd
DATE APR 2 6 2019

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (PC) DOCUMENT CODE 2016 CBC A REVIEW OF THIS DOCUMENT FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114027
AC FLS SS
DATE APR 1 4 2015

REVISIONS
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SILVER CREEK INDUSTRIES
24' x 40' PC (HIGH SEISMIC)

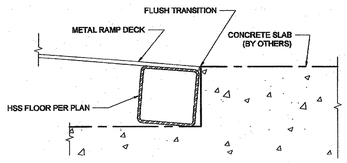
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SCALE:	AS NOTED
DATE:	09-10-14

P.C. SHEET NUMBER
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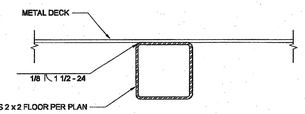
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AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

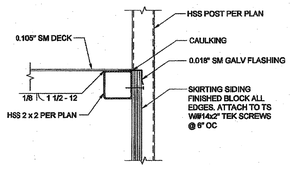
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019



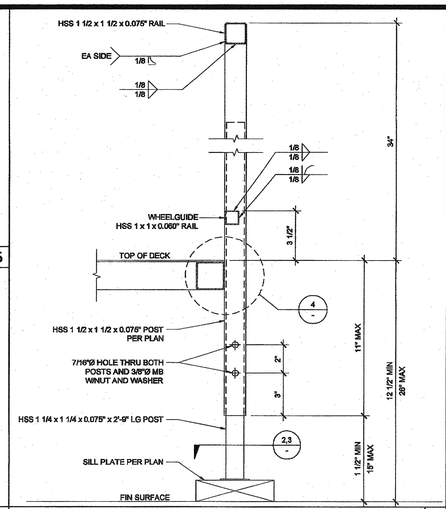
FLUSH TRANSITION AT BOTTOM OF RAMP SCALE : 6" = 1'-0" 15



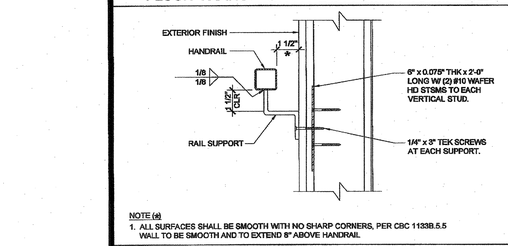
DECK TO FRAME SCALE : 6" = 1'-0" 10



SKIRT FLASHING SCALE : 3" = 1'-0" 5

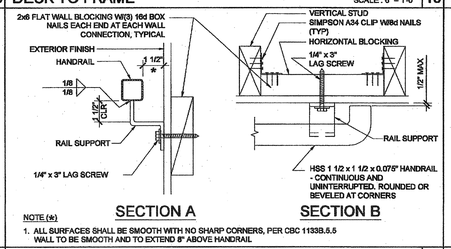


ADJUSTABLE LEG SCALE : 3" = 1'-0" 1



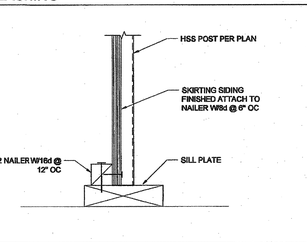
NOTE (#)
1. ALL SURFACES SHALL BE SMOOTH WITH NO SHARP CORNERS, PER CBC 1133B.5.5 WALL TO BE SMOOTH AND TO EXTEND 8" ABOVE HANDRAIL

HANDRAIL CONNECTION AT SHEETMETAL BLKG SCALE : 3" = 1'-0" 16

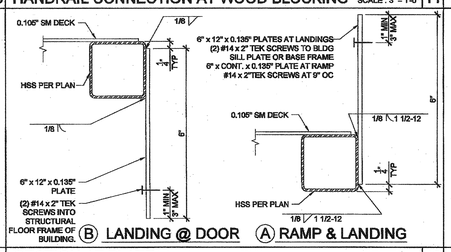


NOTE (#)
1. ALL SURFACES SHALL BE SMOOTH WITH NO SHARP CORNERS, PER CBC 1133B.5.5 WALL TO BE SMOOTH AND TO EXTEND 8" ABOVE HANDRAIL

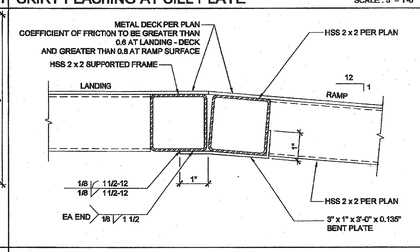
HANDRAIL CONNECTION AT WOOD BLOCKING SCALE : 3" = 1'-0" 11



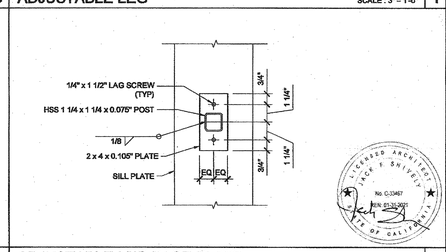
SKIRT FLASHING AT SILL PLATE SCALE : 3" = 1'-0" 6



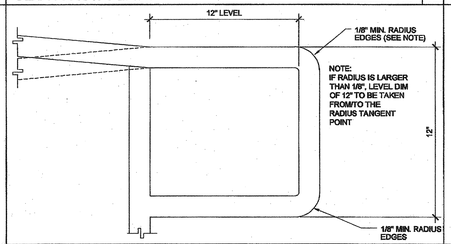
17



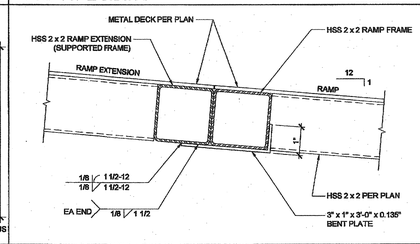
RAMP AT LANDING SCALE : 6" = 1'-0" 7



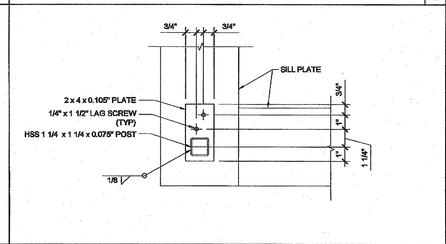
ADJUSTABLE LEG BASE PLATE SCALE : 3" = 1'-0" 2



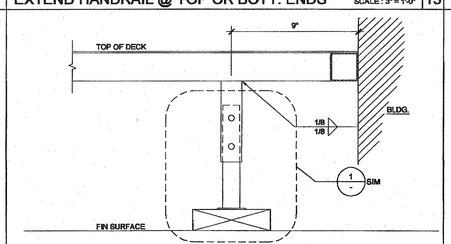
EXTEND HANDRAIL @ TOP OR BOTT. ENDS SCALE : 3" = 1'-0" 13



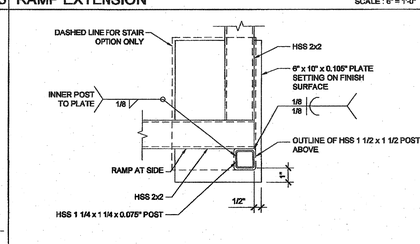
RAMP EXTENSION SCALE : 6" = 1'-0" 8



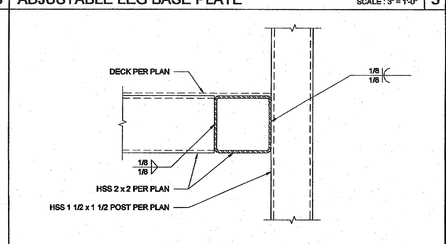
ADJUSTABLE LEG BASE PLATE SCALE : 3" = 1'-0" 3



INTERIOR LANDING LEG SECTION SCALE : 3" = 1'-0" 14



BASE PLATE AT RAMP TOE SCALE : 3" = 1'-0" 9



GUARDRAIL POST ATTACHMENT SCALE : 6" = 1'-0" 4

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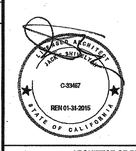
SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
2830 BARRETT AVE. PERRIS, CALIFORNIA 92571
PHONE: 951-943-5353 FAX: 951-943-2211

PROJECT NAME:

ELITE MODULAR
STOCK PILE #18
(2) 48x40 ~~LOCKER~~ BLDG

SHEET TITLE:

RAMP DETAILS



ARCHITECT OF RECORD SUBMISSION DATE

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
117301
AC FLS SS
DATE APR 2 6 2018

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (PC) DOCUMENT
CODE: 2013 CBC
ENGINEERED PER 2012 IBC/2013 CBC/ASCE 7-10
FOR COASTAL PROTOTYPE IS RECOMMENDED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114027
AC FLS SS
DATE APR 1 1 2015

REVISIONS

1
2
3
4
5
6
7
8

SILVER CREEK INDUSTRIES
24' x 40' PC (HIGH SEISMIC)

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	09-10-14

P.C. SHEET NUMBER

R-2.01

R49

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019

AURORA

RELOCATABLE CLASSROOM BUILDINGS

24 x 40
~~36 x 40~~
~~48 x 40~~

ELITE MODULAR
EML 1073
RELOCATION PACKAGE
FROM STOCKPILE TO SITE SPECIFIC
(x1) 24x40 R.H. DOOR UNIT
S.N.s 27883-84
FOR BAKERSFIELD CITY SD
BESSIE OWENS PRIMARY

CBC 1505
PC

SHEET INDEX

ARCHITECTURAL

0 COVER SHEET, SHEET INDEX, & BUILDING DATA
A1.0 FLOOR PLANS (24x40)
~~A1.1 FLOOR PLANS (36x40)~~
~~A1.2 FLOOR PLAN (48x40)~~
A2.0 EXTRIOR ELEVATIONS - MONO AND GABLE ROOF (24x40)
~~A2.1 EXTRIOR ELEVATIONS - MONO AND GABLE ROOF (36x40)~~
~~A2.2 EXTRIOR ELEVATIONS - MONO AND GABLE ROOF (48x40)~~
~~A2.3 EXTRIOR ELEVATIONS - MONO AND GABLE ROOF (24x40) - STUCCO EXTERIOR~~
~~A2.4 EXTRIOR ELEVATIONS - MONO AND GABLE ROOF (36x40) - STUCCO EXTERIOR~~
~~A2.5 EXTRIOR ELEVATIONS - MONO AND GABLE ROOF (48x40) - STUCCO EXTERIOR~~
A3.0 INTERIOR ELEVATIONS (24x40)
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A4.0 GABLE ROOF PLANS (24x40, 36x40 & 48x40)
~~A4.1 MONO SLOPE ROOF PLANS (24x40, 36x40 & 48x40)~~
A5.0 REFLECTED CEILING PLAN AND DETAILS (24x40)
~~A5.1 REFLECTED CEILING PLAN AND DETAILS (36x40)~~
~~A5.2 REFLECTED CEILING PLAN AND DETAILS (48x40)~~

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~~F-1 FOUNDATION PLANS (WOOD 50 LBS. LIVE LOAD)~~ SEE PC 04-116392
~~F-2 FOUNDATION PLANS (WOOD 50 LB. L. L. + 20 LBS. PARTITIONS)~~
~~F-3 FOUNDATION PLANS (WOOD 125 LBS. LIVE LOAD)~~
~~F-4 FOUNDATION PLAN DETAILS (WOOD)~~ SEE PC 04-116392
~~F-5 FOUNDATION PLANS (CONC. 50 LB. L. L. ABOVE GRADE)~~
~~F-6 FOUNDATION PLANS (CONC. 50 LB. L. L. + 20 LBS. PARTITIONS, ABOVE GRADE)~~
~~F-7 FOUNDATION PLANS (CONC. 125 LB. L. L. ABOVE GRADE)~~
~~F-8 FOUNDATION PLAN DETAILS (CONC. ABOVE GRADE)~~
~~F-9 FOUNDATION PLANS (CONC. 50 LB. L. L. FLUSH WITH GRADE)~~
~~F-10 FOUNDATION PLANS (CONC. 50 LB. L. L. + 20 LBS. PARTITIONS, FLUSH WITH GRADE)~~
~~F-11 FOUNDATION PLANS (CONC. 125 LB. L. L. FLUSH WITH GRADE)~~
~~F-12 FOUNDATION PLANS (CONC. FLUSH WITH GRADE)~~
~~S1.0 BUILDING SECTIONS AND WALL FRAMING - 24x40 GABLE ROOF (WOOD STUDS)~~
~~S1.1 BUILDING SECTIONS AND WALL FRAMING - 36x40 GABLE ROOF (WOOD STUDS)~~
~~S1.2 BUILDING SECTIONS AND WALL FRAMING - 48x40 GABLE ROOF (WOOD STUDS)~~
~~S1.3 BUILDING SECTIONS AND WALL FRAMING - 24x40 MONO SLOPE ROOF (WOOD STUDS)~~
~~S1.4 BUILDING SECTIONS AND WALL FRAMING - 36x40 MONO SLOPE ROOF (WOOD STUDS)~~
~~S1.5 BUILDING SECTIONS AND WALL FRAMING - 48x40 MONO SLOPE ROOF (WOOD STUDS)~~
~~S2.0 BUILDING SECTIONS AND WALL FRAMING - 24x40 GABLE ROOF (STEEL STUDS)~~
~~S2.1 BUILDING SECTIONS AND WALL FRAMING - 36x40 GABLE ROOF (STEEL STUDS)~~
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~~S2.3 BUILDING SECTIONS AND WALL FRAMING - 24x40 MONO SLOPE ROOF (STEEL STUDS)~~
~~S2.4 BUILDING SECTIONS AND WALL FRAMING - 36x40 MONO SLOPE ROOF (STEEL STUDS)~~
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~~S3.1 TYPICAL DETAILS (STEEL STUDS)~~
~~S3.2 TYPICAL DETAILS (1 HR. WOOD STUDS)~~
~~S3.3 TYPICAL DETAILS (1 HR. STEEL STUDS)~~
~~S3.4 TYPICAL DETAILS (WOOD STUDS, STUCCO FINISH)~~
~~S3.5 TYPICAL DETAILS (STEEL STUDS, STUCCO FINISH)~~
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~~S4.1~~ FLOOR FRAMING, ROOF FRAMING & STRUCTURAL ELEVATIONS (MONO SLOPE ROOF, 70 MPH)
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~~S6.0~~ STRUCTURAL DETAILS - BUILT-UP ROOFING (WOOD STUDS)
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~~S6.4~~ STRUCTURAL DETAILS - 22 GA ROOFING (STEEL STUDS)
~~S6.5~~ STRUCTURAL DETAILS - 26 GA ROOFING (STEEL STUDS)
~~S6.6~~ STRUCTURAL DETAILS - BUILT-UP ROOFING (1 HR. WOOD STUDS)
~~S6.7~~ STRUCTURAL DETAILS - 22 GA ROOFING (1 HR. WOOD STUDS)
~~S6.8~~ STRUCTURAL DETAILS - 26 GA ROOFING (1 HR. WOOD STUDS)
~~S6.9~~ STRUCTURAL DETAILS - BUILT-UP ROOFING (1 HR. STEEL STUDS)
~~S7.0~~ STRUCTURAL DETAILS - 22 GA ROOFING (1 HR. STEEL STUDS)
~~S7.1~~ STRUCTURAL DETAILS - 26 GA ROOFING (1 HR. STEEL STUDS)
~~S7.2~~ STRUCTURAL DETAILS - BUILT-UP ROOFING (STUCCO FINISH, WOOD STUDS)
~~S7.3~~ STRUCTURAL DETAILS - 22 GA ROOFING (STUCCO FINISH, WOOD STUDS)
~~S7.4~~ STRUCTURAL DETAILS - 26 GA ROOFING (STUCCO FINISH, WOOD STUDS)
~~S7.5~~ STRUCTURAL DETAILS - BUILT-UP ROOFING (STUCCO FINISH, STEEL STUDS)
~~S7.6~~ STRUCTURAL DETAILS - 22 GA ROOFING (STUCCO FINISH, STEEL STUDS)
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~~S9.0~~ MECHANICAL ROOF SCREENS LAYOUT AND DETAILS

ELECT.

E1.0 ELECTRICAL POWER & LIGHTING PLAN, AND PANEL SCHEDULE (24x40)
~~E1.1 ELECTRICAL POWER & LIGHTING PLAN, AND PANEL SCHEDULE (36x40)~~
~~E1.2 ELECTRICAL POWER & LIGHTING PLAN, AND PANEL SCHEDULE (48x40)~~

SPEC'S & FINISH SCHEDULE

4 SPECIFICATIONS AND HVAC INFORMATION
4.1 EXTERIOR, INTERIOR FINISH SCHEDULES AND DOOR HARDWARE

RAMPS

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R1.0b RAMP PLAN AND DETAILS (WOOD DECKING)
~~R1.1a RAMP PLAN AND DETAILS (METAL DECKING)~~
~~R1.1b RAMP PLAN AND DETAILS (WOOD DECKING)~~
~~R2.0 RAMP PLAN (METAL DECKING)~~
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~~R3.0 RAMP PLAN (WOOD DECKING)~~
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~~R4.0 RAMP PLAN AND DETAILS (CONCRETE)~~

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M1 MECHANICAL PLANS (24x40)
~~M-T MECHANICAL PLAN - ROOF MTD. (48x40)~~
~~M-2 MECHANICAL PLANS (36x40)~~
~~M-3 MECHANICAL PLAN - ROOF MOUNTED (36x40)~~
~~M-4 MECHANICAL PLAN - STEEL MOUNTED (24x40)~~
~~M-5 MECHANICAL PLAN - STEEL MOUNTED (36x40)~~
~~M-6 MECHANICAL PLAN - ROOF MOUNTED (48x40)~~

GENERAL NOTES

THE CONSTRUCTION SHALL COMPLY WITH THE 1998 EDITION OF THE CALIFORNIA BUILDING CODE, TITLE 24, PART 2 (CBC) AND CCR, TITLE 24, PART 1, CHAPTER 4, GROUP V, DIVISION 4 (CONFORMANCE TO THE 1998 UNIFORM BUILDING CODE (UBC) AND ALL OTHER APPLICABLE STANDARDS). WHERE ALL CBC RECOMMENDED STANDARDS, CODES, AND REGULATIONS ARE THE MINIMUM REQUIREMENTS, ALSO REFER TO THE DIVISION OF THE STATE ARCHITECT'S "ARCHITECTURAL SAFETY SECTION "INTERPRETATIONS OF REGULATIONS" FOR ADDITIONAL REQUIREMENTS. THESE NOTES ARE ENHANCED FOR THE MODIFIED REQUIREMENTS OF THE DSA-SS/CC.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF THE BUILDING DURING CONSTRUCTION AND SHALL PROVIDE ADEQUATE BRACING AND BRACING DURING CONSTRUCTION. CONTRACTOR SHALL CONFIRM WITH APPLICABLE SAFETY REGULATIONS.

THE CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES AND SHALL CHECK ALL DIMENSIONS AND DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.

TYPICAL DETAILS SHALL APPLY UNLESS SHOWN OTHERWISE ON THE DRAWINGS.

WHERE THE GENERAL NOTES AND TYPICAL DETAILS ARE IN CONFLICT WITH THE SPECIFIC NOTES, THESE GENERAL NOTES AND TYPICAL DETAILS SHALL GOVERN.

ALL ELEVATIONS ARE REFERENCED FROM TOP OF FINISH FIRST FLOOR ELEVATION +0'-0"

ALL TESTING, INSPECTIONS, TEST AND REPORTS IN ACCORDANCE WITH THE CCR TITLE 24, PART 2, CBC TITLE 24, PART 1, CHAPTER 4, GROUP I.

IN ADDITION TO CONTINUOUS PROJECT INSPECTION, THE FOLLOWING SPECIAL INSPECTIONS SHALL BE REQUIRED, AS A MINIMUM:
A. INSPECTION OF ALL WELDING FOR STRUCTURAL STEEL, PER TITLE 24, PART 2, SECTION 2213.A.
B. INSPECTION FOR CONCRETE AND CONCRETE REINFORCEMENT PLACEMENT, PER TITLE 24, PART 1, CHAPTER 4, GROUP I AND TITLE 24, PART 2, SECTION 1705A.

ALL TESTING, INSPECTIONS AND TEST ARE THE RESPONSIBILITY OF THE OWNER. ALL INSPECTION AGENCIES SHALL BE APPROVED AS REQUIRED BY THE TITLE 24, PART 1, CHAPTER 4, GROUP I.

FLOOR PLANS AND ELEVATIONS SHOWN ARE APPROXIMATE AND ARE PROVIDED AS AN AID TO UNDERSTANDING THE DRAWINGS ONLY. DRAWING SCALES GIVEN ARE APPROXIMATE. DO NOT SCALE PLANS OR DETAILS.

EXISTING WALLS TO BE RELOCATED- DO NOT RE-NAIL ALL NAILS OR SCREWS IN EXISTING HOLES.

ALL NEW WALLS ARE NON-LOAD BEARING STUD WALLS, R-11 IN ROOF, R-11 IN WALLS AND R-11 IN FLOOR, PLANE SURFACE- 0-20 GAUGE GALVANIZED, PAINT- CONFORMED- 0-490, SEC. 1071 1998 CBC

ROOFING- THE ROOFING SHALL COMPLY ACCORDING TO TABLE 15-A, 1998 CBC

A 24"X36" BUILDING REQUIRES PLUMBING-UP MIN REQUIRED FROM BOTTOM OF STEEL TO TOP OF GRADE BEAM BELOW.

GENERAL REQUIREMENTS

The ARCHITECT / ENGINEER in general responsible charge shall sign and seal all drawings and specifications.

Changes to the approved drawings and specifications shall be made by an addendum or a change order approved by the Department of The State Architect as required by Section 4-338, Part 1, Title 24, CCR.

All work shall conform to Title 24, California Code of Requirements (CCR)

A project inspector employed by the district (owner) and approved by the Department of the State Architect, shall provide continuous inspection of the work. The duties of the inspector are defined in Section 4-342, Part 1, Title 24, CCR.

An inspector who is specially qualified in mechanical and electrical work will be required for this project.

Grading plans, drainage improvements, road and access requirements and environmental health considerations shall comply with all local ordinances.

FIRE ALARM NOTES

FIRE ALARM SYSTEM REQUIREMENTS

Note- Location of building to comply with chapter 5 - provision for site. Adjacent buildings property lines, exterior walls and openings. Allowable square footage not to exceed CBC 505.3 provision of access to public streets by 20 feet unobstructed right of way.

The submittal shall be per D.S.A. policy #45-08

In fire alarm submittal, an audible and manual component shall be within maximum distance on site, placement of building may require these components

Fire alarm system shall comply with 1994 UBC w/ 1997 amendments sec. 903 & NFPA 72 1993 edition and part 9. Article 160 California Code of Regulations.

Specify type of system which is being installed in accordance with the above provisions.

Provide floor plan(s) showing locations of all components and a riser diagram Plans shall provided by architect or responsible person in charge. Not by portable building manufacturer.

Provide State Fire Marshall listing numbers and manufacturers numbers for every fire alarm system component.

Provide battery calculations.

Emergency warning devices are required for the hearing impaired per Sec. 3504.1 (a)

Connect fire alarm into existing fire alarm system. All wiring shall be part of site provision.

Audible shall comply with California and Educational Code for audible signal per T-24 part 4 California Fire Code.

Portable building manufacturer shall provide junction box and empty conduit with pull string for fire alarm. School district will provide their own fire alarm system under their DSA project.

NFPA 13- Automatic Sprinkler Systems,	1996 Edition
NFPA 14- Standpipes Systems,	1993 Edition
NFPA 17A- Wet Chemical Systems,	1990 Edition
NFPA 24- Private Fire Mains,	1992 Edition
(California Amended) NFPA 72- National Fire Alarm Codes,	1998 Edition
NFPA 255- Critical Radiant Flux of Floor Covering Systems,	1984 Edition
NFPA 2001- Clean Agent Fire Extinguishing Systems,	1994 Edition

APPLICABLE CODES

1998 Building Standards Administrative Code, Part 1, Title 24 C.C.R.
1998 California Building Code (CBC), Part 2, Title 24 C.C.R. (1997 Uniform Building Code volume 1-3 and 1998 California Amendments)
1998 California Electrical Code (CEC), Part 3, Title 24 C.C.R. (1999 National Electrical Code and 1998 California Amendments)
1998 California Mechanical Code (CMC), Part 4, Title 24 C.C.R. (1994 Uniform Mechanical Code and 1998 California Amendments)
1998 California Plumbing Code (CPC), Part 5, Title 24 C.C.R. (1994 Uniform Plumbing Code and 1998 California Amendments)
1998 California Fire Code (CFC), Part 9, Title 24 C.C.R. (1994 Uniform Fire Code and 1998 California Amendments)
1998 California Referenced Standards Code, Part 12, Title 24 C.C.R.
1998 Title 19, CCR, Public Safety, state Fire Marshall Regulations

BLDG. DATA (50 LBS STANDARD)

OCCUPANCY E-1
TYPE OF CONSTRUCTION V - NON RATED
WIND LOAD 70 m.p.h. EXPOSURE 'C' AS SHOWN
WIND LOAD 80 m.p.h. EXPOSURE 'C' AS NOTED
FLOOR LIVE LOAD 50 lbs/sq. ft.
ROOF LIVE LOAD 20 lbs/sq. ft.
SYSTEM: RIGID FRAME
MODULES: TWO 12'x 40'
MODULES: THREE 12'x 40'
MODULES: FOUR 12'x 40'
FOUNDATION: WOOD
FOUNDATION: CONCRETE
FOUNDATION: FLUSH W/ GRADE CONCRETE
BUILDING DATA 960 sq. ft. (24x40)
BUILDING DATA 1440 sq. ft. (36x40)
BUILDING DATA 1920 sq. ft. (48x40)

BLDG. DATA (50 PSF+20 LBS PARTITIONS OPTION)

OCCUPANCY E-1
TYPE OF CONSTRUCTION V - NON RATED
WIND LOAD 70 m.p.h. EXPOSURE 'C' AS SHOWN
WIND LOAD 80 m.p.h. EXPOSURE 'C' AS NOTED
FLOOR LIVE LOAD 50 lbs/sq. ft. + 20 LBS. PARTITIONS
ROOF LIVE LOAD 20 lbs/sq. ft.
SYSTEM: RIGID FRAME
MODULES: TWO 12'x 40'
MODULES: THREE 12'x 40'
MODULES: FOUR 12'x 40'
FOUNDATION: WOOD
FOUNDATION: CONCRETE
FOUNDATION: FLUSH W/ GRADE CONCRETE
BUILDING DATA 960 sq. ft. (24x40)
BUILDING DATA 1440 sq. ft. (36x40)
BUILDING DATA 1920 sq. ft. (48x40)

BLDG. DATA (125 PSF OPTION)

OCCUPANCY E-1
TYPE OF CONSTRUCTION V - NON RATED
WIND LOAD 70 m.p.h. EXPOSURE 'C' AS SHOWN
WIND LOAD 80 m.p.h. EXPOSURE 'C' AS NOTED
FLOOR LIVE LOAD 125 lbs/sq. ft.
ROOF LIVE LOAD 20 lbs/sq. ft.
SYSTEM: RIGID FRAME
MODULES: TWO 12'x 40'
MODULES: THREE 12'x 40'
MODULES: FOUR 12'x 40'
FOUNDATION: WOOD
FOUNDATION: CONCRETE
FOUNDATION: FLUSH W/ GRADE CONCRETE
BUILDING DATA 960 sq. ft. (24x40)
BUILDING DATA 1440 sq. ft. (36x40)
BUILDING DATA 1920 sq. ft. (48x40)

SYMBOLS LIST

KEYNOTES
DOOR: No.
WINDOW TYPE
DETAIL #
SHEET #
ELEVATION #
SHEET #

D.S.A.
04 - 101055
FWI: Steel in here: 5" minimum 6"c/c Welds.
D.S.A.
101966
MAR 2 2000
ACP: G.Izor
FLS: m Ramos
STRUCT. ENGINEER
LICENSE EXPIRES 6-30-2000
ARCHITECT
CHANGE ORDER
CHECKED BY

AURORA MODULAR INDUSTRIES
RELOCATABLE BUILDINGS FOR
WILLIAMS SCOTSMAN INC.
18333 Kramer Ave., Riverside, CA. 92504
Phone (909) 788-2188
Fax (909) 787-9853

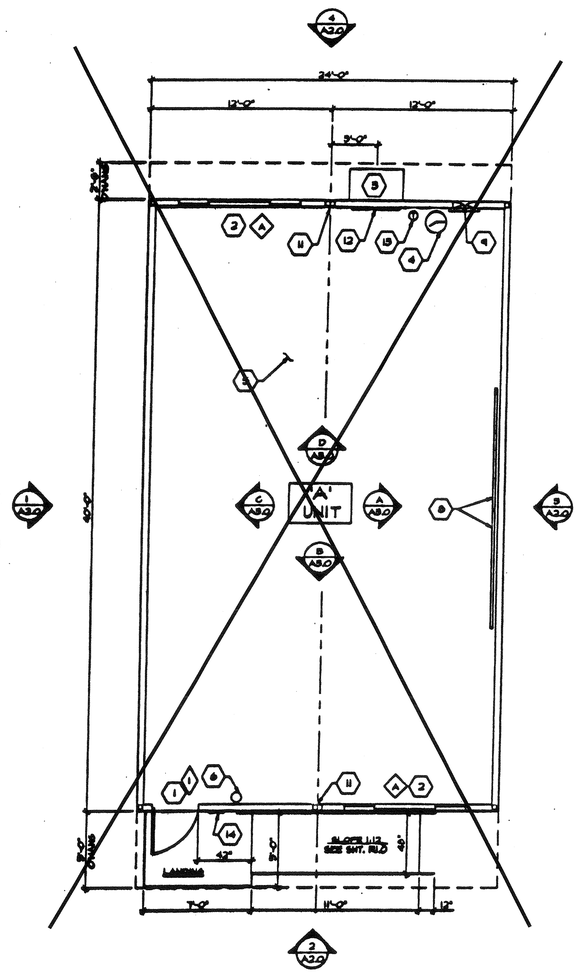
COVER SHEET, SHEET INDEX, BUILDING DATA

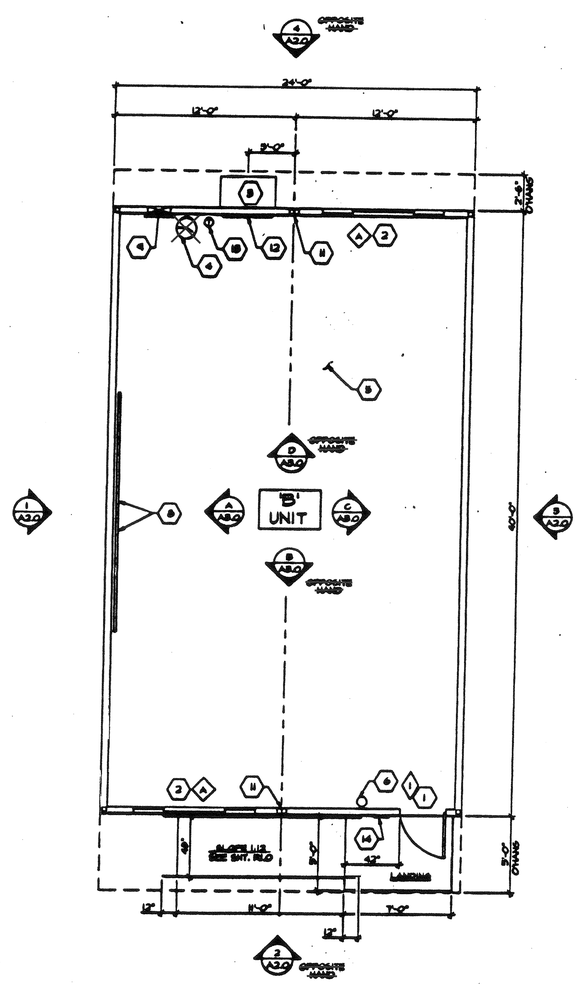
BY AH DATE 2-11-00
SHEET 0
4311

R.50

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019





FLOOR PLANS (24x40) SERIAL No. 27883-84
SCALE: 1/4" = 1'-0"

CBC 1998

KEYNOTES

1 EXTERIOR DOOR- SEE SHEET 4.1
2 ALUMINUM SLIDER WINDOW- SEE SHEET 4.1
3 WALL MOUNTED ELECTRIC HEAT PUMP, SEE SHEET M.0 (MECH-manual J calc.)
4 ~~HALF CLOSET, SEE SHEET S1.0~~
5 FINISH FLOORING- SEE SHEET 4.1
6 FIRE EXTINGUISHER- 5 lb DRY CHEMICAL WITH 2A-10B-C U.L. RATING. P.E. MINIMUM @ 48" A.F.F.
7 NOT USED
8 MARKERBOARD - SEE SHEET 4.1
9 ELECTRICAL PANEL 'A'- SEE SHEET E1.0
10 26 GA. GUTTER AND DOWNSPOUT.
11 VINYL WRAPPED CLOSE-OFF BATT.
12 HVAC RETURN.
13 THERMOSTAT, SEE SHEET E1.0
14 ACCESS SIGN (SEE DETAIL 16 SHEET S3.0)

NOTE:
RAMPS NEEDED ACCORDINGLY TO SITE CONDITIONS. STANDARD RAMP DESIGN SHOWN FOR REFERENCE ONLY- SEE RAMP SHEETS FOR ALTERNATE RAMP DESIGN.

D.S.A.
04-101055
DATE SEP 30 2019

D.S.A.
101966
DATE MAR 2 2000

STRUCT. ENGINEER
LICENSE EXPIRES 6-30-2020

ARCHITECT

CHANGE ORDER

CHECKED BY

AURORA MODULAR INDUSTRIES
19833 Kromeis Ave., Bonita, CA. 91904
Phone (800) 729-2186
Fax (800) 798-4253

RELOCATABLE BUILDING FOR:
WILLIAMS SCOTSMAN INC.

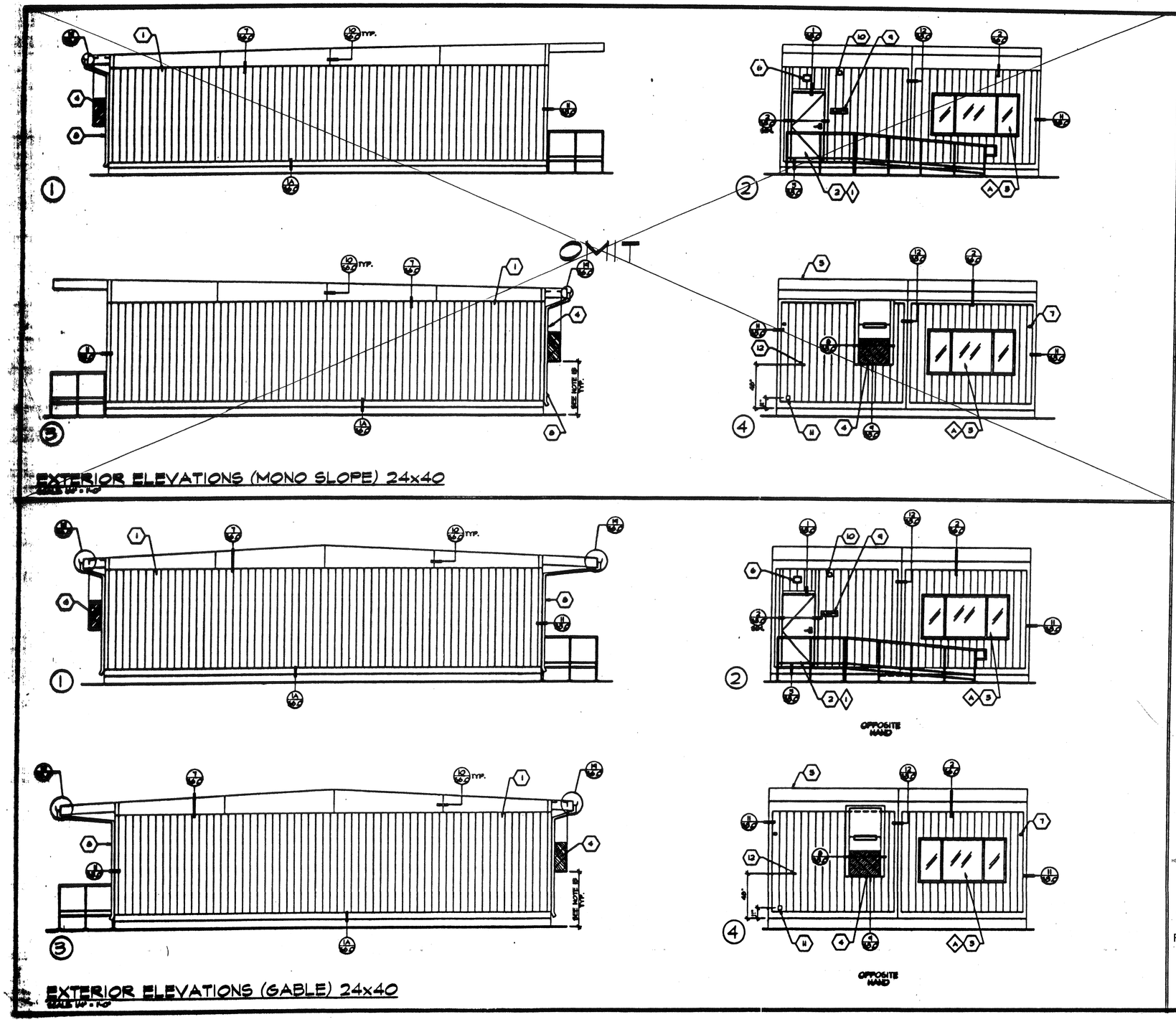
FLOOR PLAN
(24x40)

BY AH DATE 7-11-00
SHEET
A1.0
4311

R-50

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019



EXTERIOR ELEVATIONS (MONO SLOPE) 24x40

EXTERIOR ELEVATIONS (GABLE) 24x40

CBC 1998

PC

KEYNOTES

1 TYPICAL EXTERIOR FINISH- SEE SHEET 4.1

2 EXTERIOR DOOR- SEE SHEET 4.1

3 ALUMINUM SLIDER WINDOW- SEE SHEET 4.1

4 WALL MOUNTED ELECTRIC HEAT PUMP- SEE SHEET 4.0 OF E MECHANICAL PLANS

5 ROOFING- SHEET 4.1

6 EXTERIOR LIGHT MOUNTED ABOVE DOOR- SEE SHEET E1.0

7 METAL TAG ON ALL MODULES MECHANICALLY ATTACHED TO EXTERIOR OF REAR FRAME 6'-0" AFF, SHOWING DHA APP. #, MANUFACTURERS NAME AND UNIT SERIAL NUMBER.

8 26 ga. DOWNSPOUT.

9 ACCESS RAMP (SEE DETAIL 14 SHEET E1.0) (NOT BY PORTABLE MANUFACTURER)

10 FIRE ALARM HORN OR BELL LOCATED @ 5'-0" ON THE EXTERIOR. CONDUIT TO BE ROUTED INTO ATTIC SPACE ONLY.

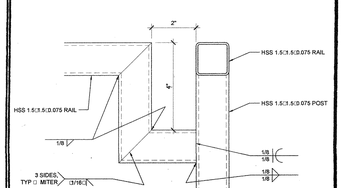
11 JUNCTION BOX FOR FIRE ALARM- SEE SHEET E1.0

12 ELECTRICAL POINT OF CONNECTION

13 IF HVAC UNIT IS LOCATED IN ANY PATH OF TRAVEL, PROVIDE PROTECTION FROM OVERHEAD HAZARD IF DIMENSION IS GREATER THAN 27" A.F.G.

LICENSED ARCHITECT JACK P. SHIVELY No. C-13467 REN. 01-31-2020 STATE OF CALIFORNIA

NOTE:
RAMPS NEEDED ACCORDINGLY TO SITE CONDITIONS. STANDARD RAMP DESIGN SHOWN FOR REFERENCE ONLY- SEE RAMP SHEETS FOR ALTERNATE RAMP DESIGN.



RAIL NOTCH AT HANDRAIL

D.S.A.
04-101056

D.S.A.
101966
MAR 2 2006

STRUCT. ENGINEER
LICENSE EXPIRES 6-30-2000

ARCHITECT

CHANGE ORDER

CHECKED BY

AURORA MODULAR INDUSTRIES
16833 Kramer Ave., Bonsall, CA. 92003
Phone (800) 729-7196
Fax (800) 729-9263

RELOCATABLE BUILDING FOR:
WILLIAMS SCOTSMAN INC.

EXTERIOR ELEVATIONS (24x40)

AH 2-11-00

SHEET
A2.0

4311

R50

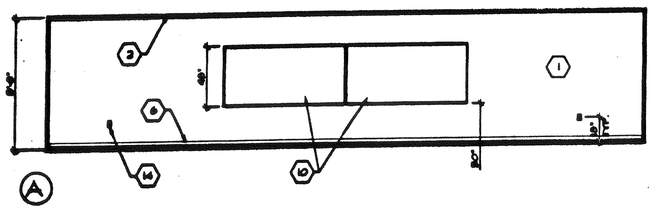
AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC. FLS SS
DATE SEP 30 2019

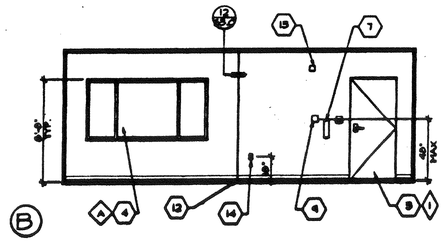
CBC 1998
PC

KEYNOTES

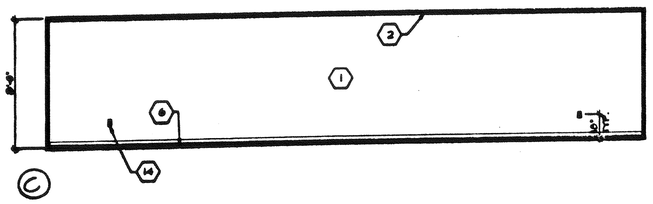
1 TYPICAL INTERIOR FINISH- SEE SHEET 4.1
2 TYPICAL CEILING MATERIAL- SEE SHEET 4.1
3 EXTERIOR DOOR- SEE SHEET 4.1
4 ALUMINUM SLIDER WINDOW- SEE SHEET 4.1
5 CLOCK-SEE SHEET ELO
6 FINISH FLOORING- SEE SHEET 4.1
7 FIRE EXTINGUISHER- 5 lb DRY CHEMICAL MIN 2A-10B-C UL RATING, P.E. HANGLE @ 48" A.F.F.
8 HVAC RETURN
9 FIRE ALARM- PULL STATION LOCATED @ 4'-0" ON THE INTERIOR, HORN OR BELL LOCATED @ 8'-0" ON THE EXT. CONDUIT TO BE STUBBED INTO ATTIC SPACE ONLY.
10 MARKERBOARD - SEE SHEET 4.1
11 ELECTRICAL PANEL 'A'- SEE SHEET ELO
12 VINYL WRAPPED CLOSE-OFF BATT.
13 J-BOX FOR VISUAL WARNING DEVICE @ +80" A.F.F.
14 - ELECTRICAL OUTLET. SEE SHT ELO (VERIFY EXACT LOCATION ON SITE ELO)



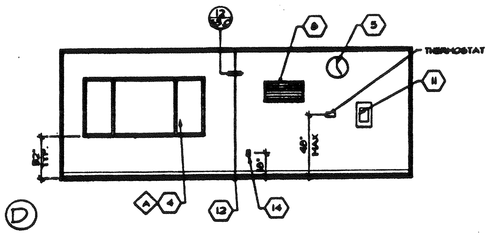
A



B



C



D

D.S.A.
04-101955
DATE MAR 13 2000

D.S.A.
101966
MAR 2 2000

STRUCT. ENGINEER
LICENSE EXPIRES 6-30-2020

ARCHITECT

CHANGE ORDER

CHECKED BY

AURORA MODULAR INDUSTRIES
18633 Kenwood Ave., Riverside, CA. 92504
Phone (909) 788-2188
Fax (909) 788-4283

RELOCATABLE BUILDING FOR:
WILLIAMS SCOTSMAN INC.

INTERIOR ELEVATIONS (24x40)

BY AH DATE 2-11-00

SHEET
A3.0

431L

INTERIOR ELEVATIONS (24x40) "A" SHOWN "B" OPPOSITE
SCALE 1/4" = 1'-0"

R50

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019

CBC 1998

KEYNOTE

PC

1 ROOFING- SEE SHEET A3

2 26 GA. GUTTER AND DOWNSPOUT.

D.S.A.
04-101955
DATE 3-31-2000

D.S.A.
101966
MAR 2 2000

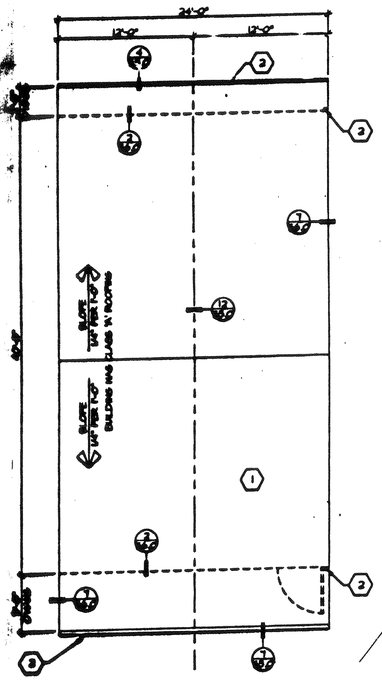
STRUCT. ENGINEER

LICENSE EXPIRES 6-30-2020

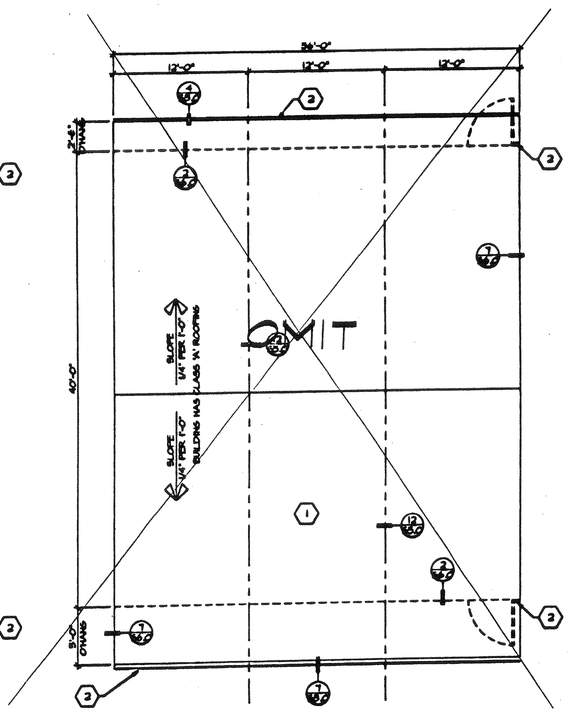
ARCHITECT

CHANGE ORDER

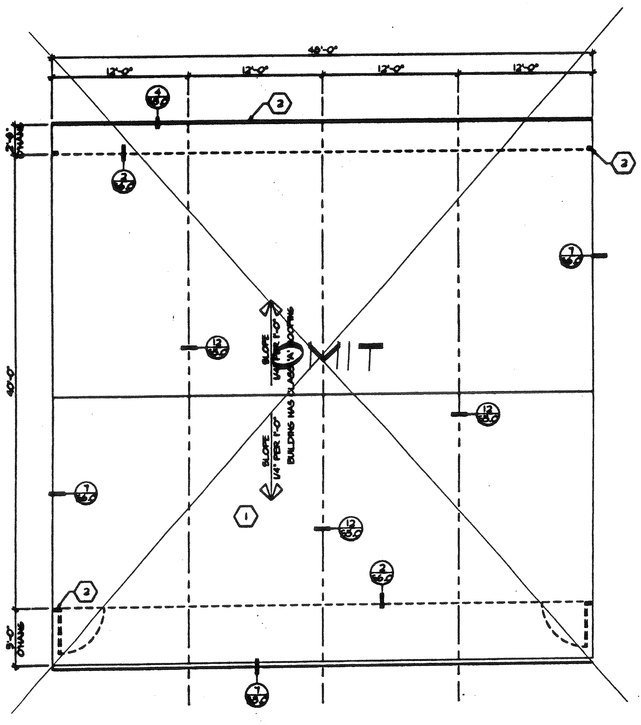
CHECKED BY



24x40



36x40



48x40

ROOF PLAN (GABLE)
SCALE 3/64" = 1'-0"

AURORA MODULAR INDUSTRIES
18333 Kenwrth Ave, Riverside, CA. 92504
Phone (951) 788-3338
Fax (800) 788-2263

RELOCATABLE BUILDING FOR:
WILLIAMS SCOTSMAN INC.

ROOF PLAN
(GABLE ROOF)

AH
DATE 2-11-12

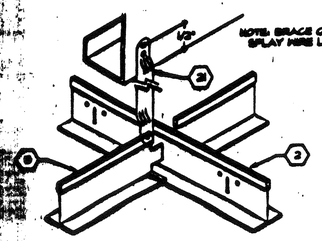
SHEET
A4.0

4311

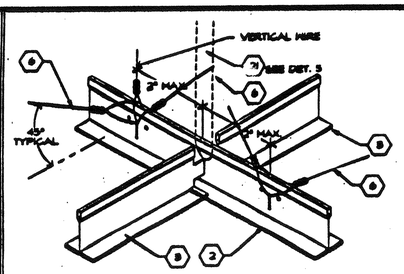
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AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

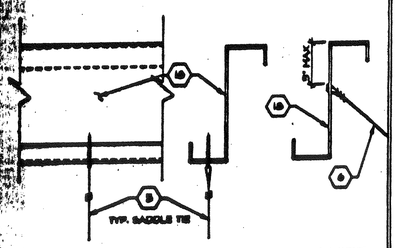
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134-
AC FLS SS
DATE SEP 30 2019



VERTICAL BRACE 5

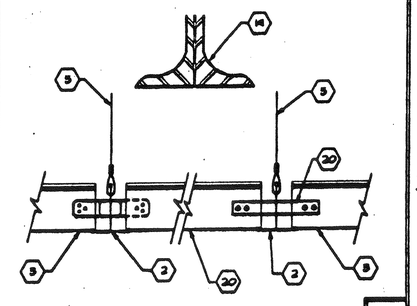


SPLAY WIRE 1

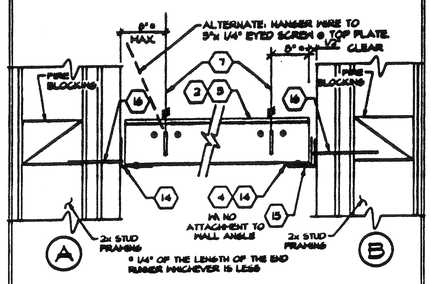


HANGER WIRE SPLAY WIRE

WIRE ATTACHMENT 6



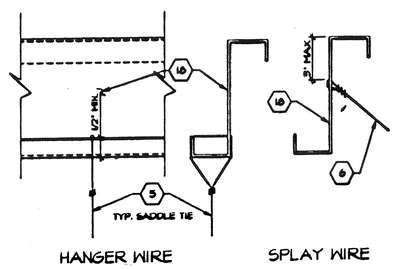
GRID AT MODLINE 2



GRID AT WALL 3

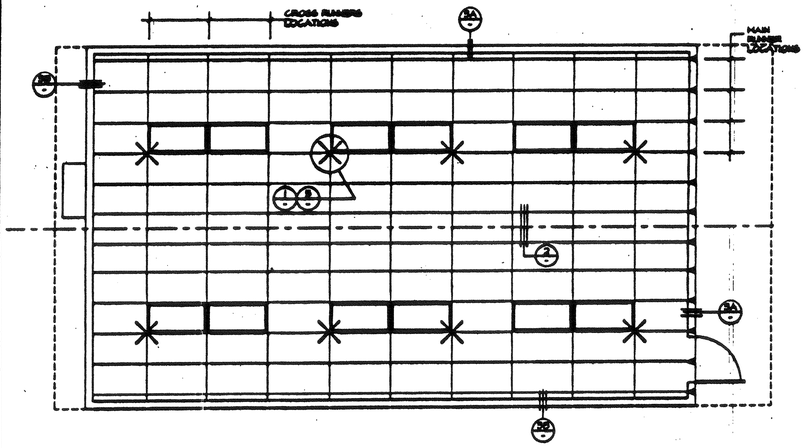
7

8



HANGER WIRE SPLAY WIRE

ALT. WIRE ATTACHMENT 4



REFLECTED CEILING PLAN (24x40)
SCALE 1/4" = 1'-0"

CEILING HEIGHT 8'-6"

~~'A' UNIT SHOWN~~
'B' UNIT OPP. HAND

KEYNOTES

1 MAIN RUNNERS @ 4'-0" O.C. MAX. WITH HANGER WIRES SPACED @ 8'-0" O.C. MAX.
2 MAIN RUNNER, ARMSTRONG - 7800 HEAVY DUTY
2A CROSS RUNNER, ARMSTRONG - XL 7830 HEAVY DUTY
4 WALL RUNNER, ARMSTRONG 7800 D
5 TYPICAL HANGER WIRE TO BE 12 ga. STEEL WIRE ATTACHED TO STRUCTURE ABOVE AND TO GRID WITH (6) TIGHT TURNS WITHIN 1 1/2" - SEE DETAIL 4
6 TYPICAL SPLAY WIRE TO BE 12 ga. STEEL WIRE ATTACHED TO STRUCTURE ABOVE AND TO GRID WITH (4) TIGHT TURNS WITHIN 1 1/2" - SEE DETAIL 4
7 AT END OF RUNS OF RUNNERS, A HANGER WIRE SHALL BE ATTACHED WITHIN 6" OF ANY WALL OR WITHIN 24" OF ANY CHANGE IN DIRECTION OF RUNNERS
8 VERTICAL WIRES MORE THAN 1/2 OUT OF PLUMB SHALL HAVE COUNTERBALANCE WIRES INSTALLED.
9 RUNNERS MAY BE ATTACHED TO WALL MOLDING AT (2) ADJOINING WALLS. AT OTHER WALLS NO ATTACHMENT. WHERE THERE IS NO ATTACHMENT THERE SHALL BE A 1/2" CLEARANCE BETWEEN END RUNNER AND FACE OF WALL.
10 CEILING AREAS EXCEED 144 SQ. FT. OR MORE SHALL HAVE SPLAY WIRES INSTALLED AS INDICATED ON CEILING PLAN. SPLAY WIRES SHALL BE TIGHT BUT SHALL NOT DISTORT GRID.
11 ELECTRICIAN SHALL PROVIDE (2) BLACK HANGER WIRES AT OPPOSITE CORNERS OF ALL LIGHT FIXTURES. WIRES SHALL BE ATTACHED TO STRUCTURE ABOVE PER NOTE 5. LIGHT FIXTURES SHALL BE ATTACHED TO CEILING GRID WITH (2) #8 SHEET METAL SCREWS.
12 EQUIPMENT, IF REQUIRED, SHALL BE DIRECTLY ATTACHED TO STRUCTURE ABOVE AT INTERVALS NOT TO EXCEED 4' AND SHALL NOT BE CLOSER THAN 6" TO ANY WIRE.
13 CEILING PENETRATIONS, WHEN INDICATED ON PLANS, SHALL BE ATTACHED TO STRUCTURE ABOVE PER NOTE 5.
14 CONT. WALL 1x3" ANGLE WITH POP RIVET TO EACH RUNNER
15 1x3" CONTINUOUS WALL ANGLE
16 6d NAIL @ 16" O.C. INTO BLOCK OR STUD.
17 OPTIONAL INTERIOR PARTITION WALL.
18 ROOF JOIST - SEE SHEET S4.0 OR S4.1
19 MODLINE ABOVE
20 CLOSE OFF CROSS TEE - INSERT ONE END OF CROSS TEE INTO MAIN RUNNER WITH BAYONET. CUT OPPOSITE END TO FIT (IF LESS THAN 24"). INSERT MIN. 30 ga. WIRE, STRAP THRU MAIN RUNNER, SECURE TO CROSS TEE W/ (2) #8 TEK SCREWS AT EACH END.
21 VERTICAL BRACE: 1/2" EMTEL CONDUIT AT SPLAY WIRE LOCATIONS. DRILL (2) 1/8" HOLE THRU CONDUIT @ TOP & (1) @ BOTTOM. ATTACH CONDUIT TO JOIST ABOVE W/ (2) #8 TEK SCREWS, WITHIN 3" OF CROSS RUNNER.

CBC 1998
PC

D.S.A.
04-104055
AC DSA DATE JUN 29 1999

D.S.A.
101966
AC DATE MAR 2 2000

STRUCT. ENGINEER
LICENSE EXPIRES: 6-30-00

ARCHITECT

CHANGE ORDER

CHECKED BY

AURORA MODULAR INDUSTRIES
18633 Kramaria Ave., Riverside, CA. 92504
Phone (909) 359-2135
Fax (909) 780-9263

RELOCATABLE BUILDING FOR:
WILLIAMS SCOTSMAN INC.

REFLECTED CEILING PLAN (24x40)

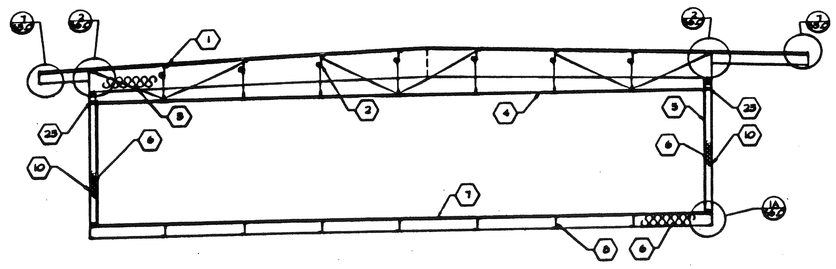
BY AH DATE 2-11-00
SHEET
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4311

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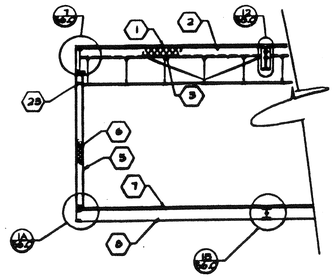
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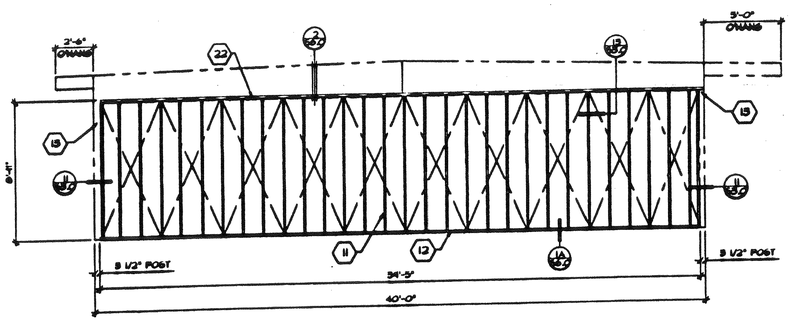
AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC. FLS SS
DATE SEP 30 2019



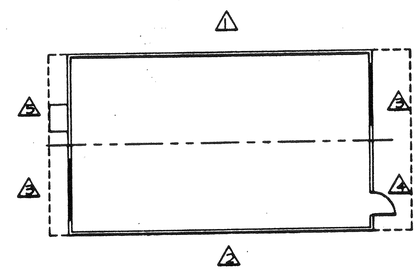
BUILDING SECTIONS
SCALE: 1/4" = 1'-0"





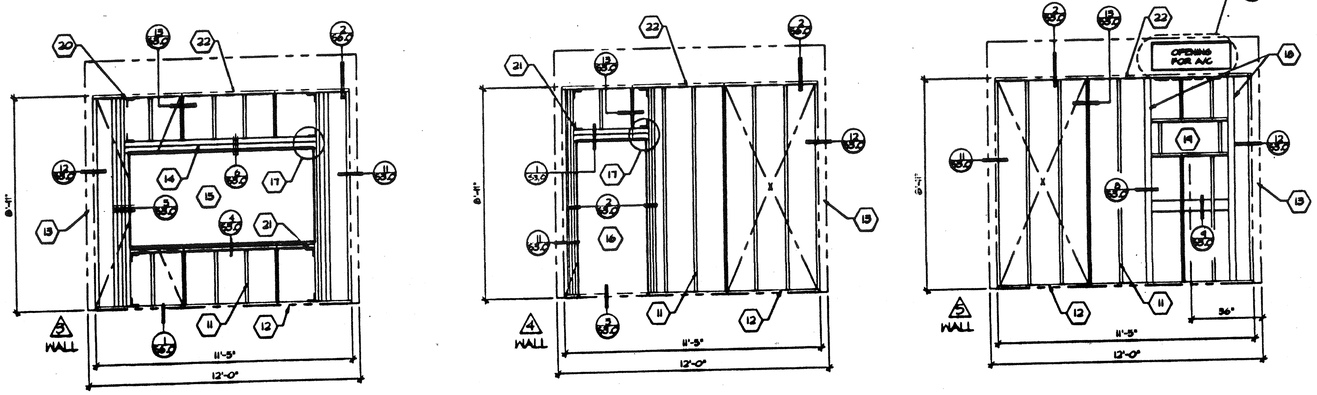
TYPICAL SIDEWALL
SCALE: 1/4" = 1'-0"

WALL 2 SHOWN
WALL 1 OPP. HAND



~~SHOWN~~
.OPP. HAND

WALL LOCATIONS
SCALE: 1/8"=1'-0"



TYPICAL ENDWALLS
SCALE: 3/8"=1'-0"

KEYNOTES

CBC 1998
PC

1 ROOF SHEATHING- SEE SHEET 4.1
2 STEEL ROOF JOIST- SEE SHEET S4.0
3 R-14 FIBERGLASS INSULATION ON METAL STRAPS.
4 SUSPENDED CEILING- SEE SHEET A8.0
5 TYPICAL INTERIOR FINISH- SEE SHEET 4.1
6 R-11 FIBERGLASS INSULATION.
7 PLYWOOD FLOOR SHEATHING- SEE SHEET S4.0
8 STEEL FLOOR JOIST- SEE SHEET S4.0
9 NOT USED
10 PLYWOOD SIDING/SHEATHING- SEE SHEET 4.0 FOR MATERIAL. NAIL SIDING WITH CORROSION RESISTANT 6d BOX NAILS @ 6" BOUNDARY & EDGES, 12" FIELD.
11 STUDS- 2x4 MF STUD GRADE @ 16" O.C. 2x4 D.F. #2 OR BTR @ 16" O.C.
12 BOTTOM PLATE- 2x4 MF STUD GRD. & BETTER- 2x4 D.F. #2 OR BTR.
13 STEEL FRAME- SEE SHEET S4.0 "STRUCTURAL ELEVATIONS" FOR MEMBER TYPES AND SIZES.
14 WINDOW HEADER- (2) 2x4 MF STUD GRD. FLAT. (2) 2x4 D.F #2 OR BTR
15 FRAME FOR 5'-0"x 4'-0" WINDOW USE (3) FULL HEIGHT DOUG FIR 2x4 STUDS W/ 1 2x4 TRIMMER BOTH SIDES AND (2) 2x4 FLAT FOR WINDOW SILL. USE (4) FULL HEIGHT STUDS AT 60 MPH W/ SHEAR.
16 FRAME FOR 3'-0"x 6'-8" DOOR. USE (2) FULL HEIGHT 2x4 JAMB STUDS WITH (1) 2x4 TRIMMER BOTH SIDES, & (2) 2x4 FOR HEADER. SEE DETAIL 1 SHEET S8.0
17 NAIL THRU VERTICAL STUD INTO HORIZ. HEAD OR SILL W/ MIN. (4) 16d NAILS PER CONNECTION. TYPICAL AT CORNERS OF ALL OPENINGS.
18 4x4 D.F POST
19 SEE SHEET 4.1 FOR A/C SIZE AND TONAGE OF MECHANICAL PLAN.
20 "SIMPSON" A35 CLIPS (4) PLACES TO TOP AND BOTTOM PLATES.
21 "SIMPSON" A35 CLIPS (4) PLACES TO WINDOW SILL AND HEADER OR (2) PLACES TO DOOR HEADER.
22 2x4 PLATE- MF. STANDARD OR BETTER.
23 FIRE BLOCKING PER SEC. 708, 1994 C.B.C.

NOTE:
WHEN BUILDING WIND LOAD IS 80MPH USE D.F. #2 WOOD MEMBERS.

D.S.A.
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
04 - 101055
AC. FLS SS
DATE JAN 25 2005

D.S.A.
101966
MAR 2 2000

STRUCT. ENGINEER
JACK F. SNIDER No. C-23467 REN. 07/31/2001 CIVIL STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2000

ARCHITECT

CHANGE ORDER

CHECKED BY

AURORA MODULAR INDUSTRIES
18533 Kramaria Ave., Riverside, CA. 92504
Phone (800) 788-7196
Fax (800) 788-6283

RELOCATABLE BUILDING FOR:
WILLIAMS SCOTSMAN INC.

BUILDING SECTIONS
WALL FRAMING
GABLE ROOF
WOOD STUDS
(24x40)

BY AH DATE 2-11-00

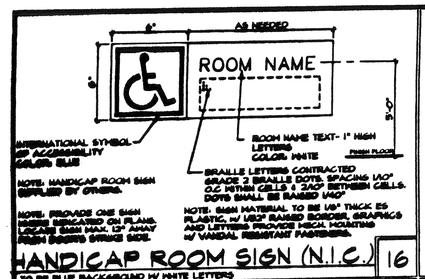
SHEET
S1.0

4311

R50

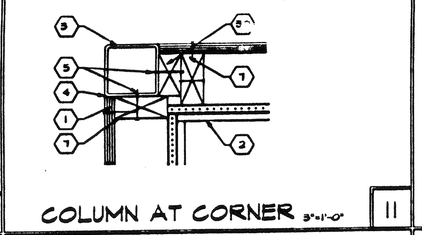
AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03 - 120134
AC ✓ FLS ✓ SS
DATE SEP 30 2019

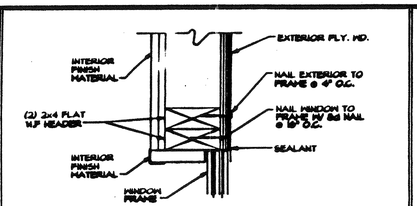


HANDICAP ROOM SIGN (N.I.C.) 16

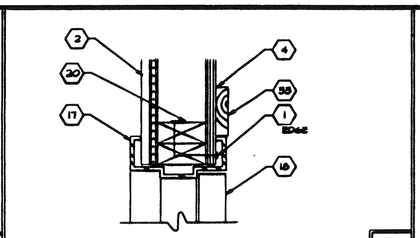
TO BE BLUE BACKGROUND W/ WHITE LETTERS



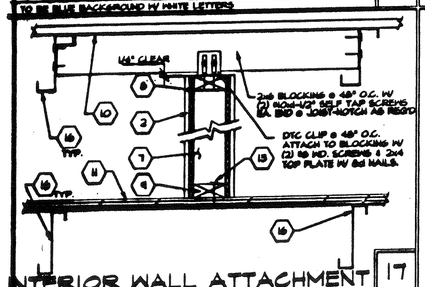
COLUMN AT CORNER 3"=1'-0" 11



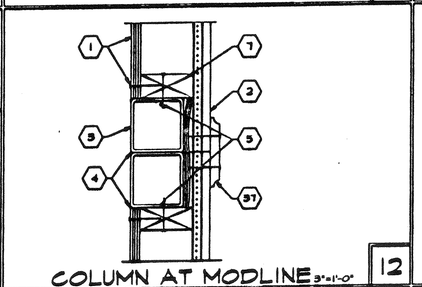
WINDOW HEADER 6



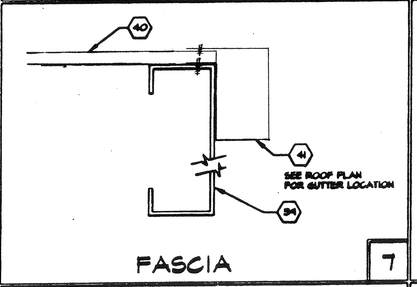
DOOR HEAD 1



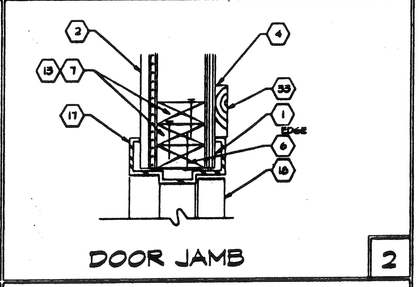
INTERIOR WALL ATTACHMENT 17



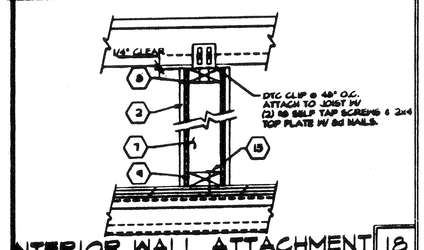
COLUMN AT MODLINE 3"=1'-0" 12



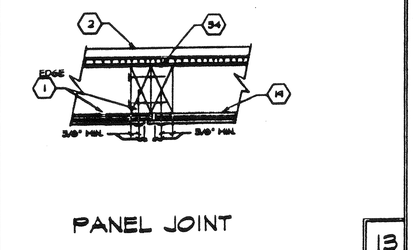
FASCIA 7



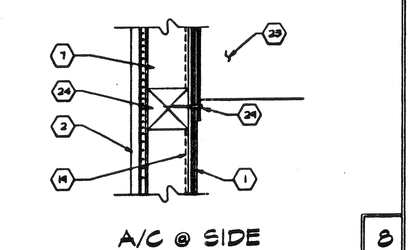
DOOR JAMB 2



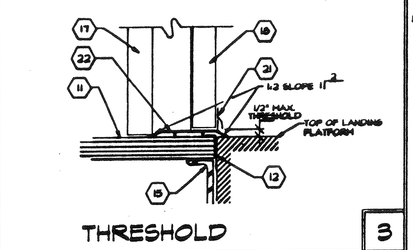
INTERIOR WALL ATTACHMENT 18



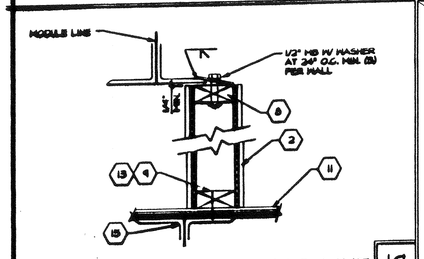
PANEL JOINT 13



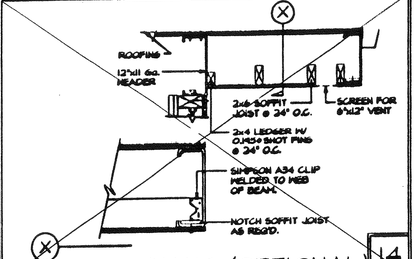
A/C @ SIDE 8



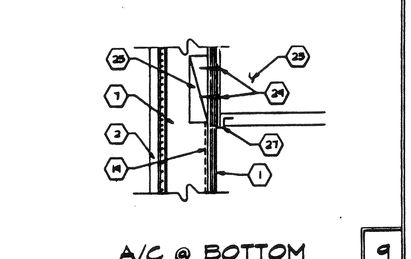
THRESHOLD 3



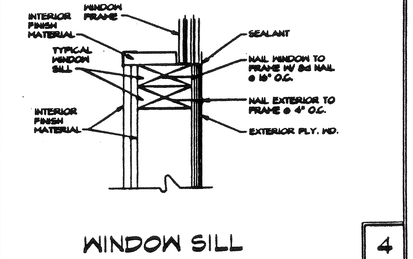
INT. WALL ATTACH @ MOD LINE 19



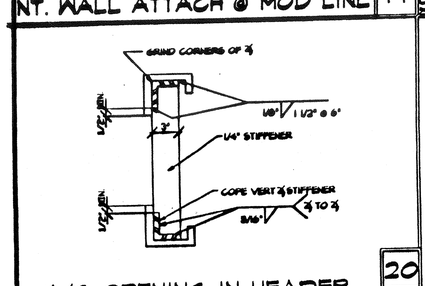
SOFFIT @ O'HANG (OPTIONAL) 14



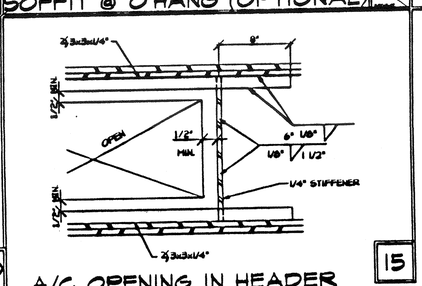
A/C @ BOTTOM 9



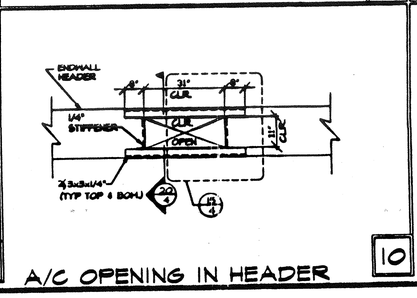
WINDOW SILL 4



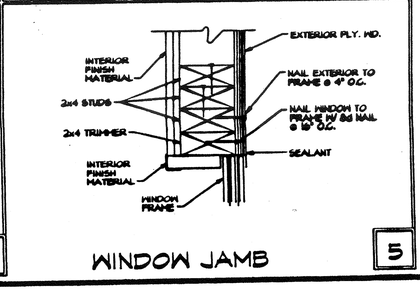
A/C OPENING IN HEADER 20



A/C OPENING IN HEADER 15



A/C OPENING IN HEADER 10



WINDOW JAMB 5

KEYNOTES

CBC 1998

PC

1. EXTERIOR PLYWOOD SIDING/SHEATHING - NAIL W/ CORROSION RESISTANT 8d BOX NAILS @ 6" O.C. BOUNDARY & EDGING, AND 12" O.C. FIELD. WITH MOISTURE BARRIER SEE SHEET 4.0 FOR MATERIAL.
2. TYPICAL INTERIOR FINISH - SEE SHEET 4.1 FOR MATERIAL
3. STEEL TUBE COLUMN - SEE SHEET S4.0 OR S4.1
4. SEALANT
5. MILTI' DIST-PB OR TRAMSET 1514 SD @ 24" O.C.
6. 2x4 TRIMMER
7. 2x4 FULL HEIGHT STUDS
8. 2x4 TOP PLATE
9. 2x4 BOTTOM PLATE
10. ROOF SHEATHING - SEE SHEET S4.0 OR S4.1
11. FLOOR SHEATHING - SEE SHEET S4.0 OR S4.1
12. GALVANIZED METAL FLASHING
13. 16d BOX NAILS @ 16" O.C.
14. NOT USED
15. STEEL FLOOR CHANNEL - SEE SHEET S4.0 OR S4.1
16. STEEL JOIST - SEE SHEET S4.0 OR S4.1
17. HOLLOW METAL DOOR FRAME
18. METAL DOOR
19. MOISTURE BARRIER
20. HEADER - (2) 2x6 N.F. STUD GRD. FLAT
21. DOOR BOTTOM WITH WEATHER STRIP
22. ALUMINUM THRESHOLD
23. WALL MOUNTED A/C
24. 4x4 N.F. 4 BETTER POST
25. 2x6 BLOCK BETWEEN STUDS. ATTACH TO STUDS W/ (2) 16d BOX NAILS EACH END OF BLOCKS INTO STUD
26. NOT USED.
27. 11 6a x 24" LONG STEEL BOTTOM BRACKET
28. NOT USED.
29. 3/8" DIA. x 2-1/2" LAG BOLTS, QNTY AS INDICATED BY PRE DRILLED HOLES ON UNIT.
30. 3/4" x SPACER
31. NOT USED
32. NOT USED
33. 1x6 TRIM
34. NOT USED
35. NOT USED
36. NOT USED
37. VINYL WRAPPED CLOSE OFF BATT. ATTACH W/ 8d FINISH NAILS @ 10" O.C. (2) @ TOP. & BTM.
38. NOT USED
39. 10"x10ea. HEADER @ PERIM. OF OVERHANG.
40. ROOFING-SEE SHEET 4.1
41. 26 6a GUTTER - SEE ROOF PLAN FOR LOCATION

NOTE:
WHEN BUILDING WIND LOAD IS 80 MPH USE D.F. #2 WOOD MEMBERS.

D.S.A.
04 - 101055
APPROVED
DATE MAR 2 2000

D.S.A.
101966
APPROVED
DATE MAR 2 2000

STRUCT. ENGINEER

LICENSE EXPIRES 6-30-2000

ARCHITECT

CHANGE ORDER

CHECKED BY

RELOCATABLE BUILDING FOR:
WILLIAMS SCOTSMAN INC.

AURORA MODULAR INDUSTRIES
18833 Kranwinkle Ave., Riverside, CA. 92504
Phone (909) 788-7196
Fax (909) 788-2283

TYPICAL DETAILS
PLY'WD EXTERIOR
(WOOD STUDS)

BY: AH
DATE 2-11-00

SHEET
S3.0

4311

R50

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

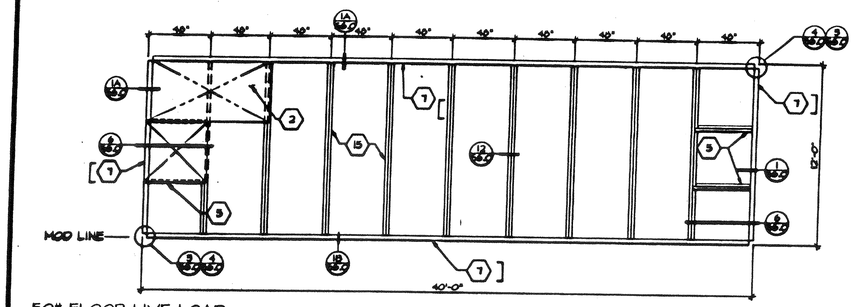
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2013

CBC 1998

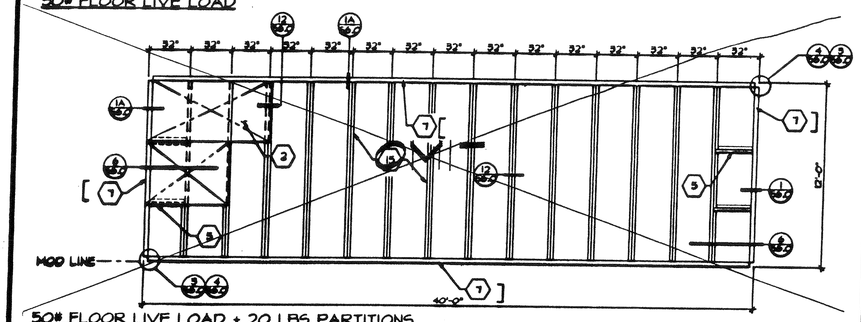
PC

KEYNOTES

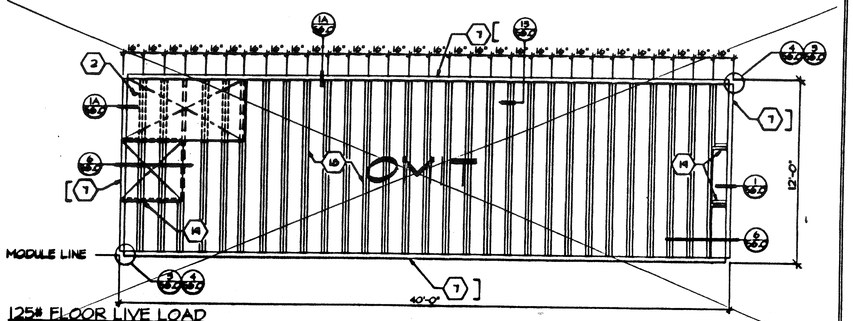
1 STEEL ROOF D. ...12 Ga. ROLL FORMED DECK WITH 2" STANDING SI.. SEE NOTE 1 SHT S6.1 FOR ATTACHMENT
2 PLYWOOD FLOOR SHEATHING - 1 1/8" A.P.A. STURD-I-FLOOR, T. & G. P.S. 1-83. SEE NOTE 2 SHT.S6.0 OR S6.2 FOR ATTACH.
3 DA/2Mx8 1/2"x10 Ga.
4 D8"x8 1/2x10 Ga. RFC STEEL ROOF HEADER.
5 7.7"x 11 Ga. STEEL BLOCK @ 48" O.C.
6 STEEL COLUMN- 3½"x 5½"x ¼" TUBE @ 10'-0"
7 C7"x 12.8 LB PERIMETER FLOOR FRAME.
8 16"x 14 Ga. STEEL ROOF JOIST @ 48" O.C.
9 STEEL COLUMN - 3 1/2"x3 1/2"x1/4" TUBE @ 8'-0"
10 6"x 14 Ga. PURLIN BLOCK
11 WELD WASHER FOR CEILING GRID - TYP. BOTH SIDES SEE DETAIL 15 SHT. S6.0 OR S6.1
12 STRAP TACKED TO UNDERSIDE OF JOIST @ 24" O.C. FOR INSULATION SUPPORT.
13 5/16" FULL HEIGHT STIFFENER AT 4'-0" O.C.
14 2"x 20 Ga. STRAPS W/ 8" MIN. 1/8" FILLET WELD EACH END TO ROOF BEAM/HEADER TYP.
15 12"x 11 Ga. STEEL FLOOR JOIST @ SEE FRAMING PLAN FOR FLOOR JOIST SPACING
16 PLYWOOD ROOF SHEATHING 3/4" C-D INT WITH EXT. GLUE 48/24 INDEX, P.S. 1-74 SQUARE EDGE WITH PLYWOOD CLIPS @ 16" O.C. LONG EDGES.
17 1 1/2"x1 1/2"x3/16" BRACE (SEE SHT. S5.0 DET 10)
18 12"x 14 Ga. STEEL FLOOR JOIST @ 16" O.C.
19 7.7"x 14 Ga. STEEL BLOCK @ 48" O.C.
20 DOUBLE PURLINS WITH 6"x14 Ga. PURLIN BLOCKS @ ROOF MOUNTED HVAC UNITS. MECHANICAL PLANS FOR EXACT SIZE AND LOCATION.
21 4"x4"x1/4" ALT. TUBE STEEL AT BUILDINGS WITH PARAPET AND HVAC SCREEN OPTION.



50# FLOOR LIVE LOAD

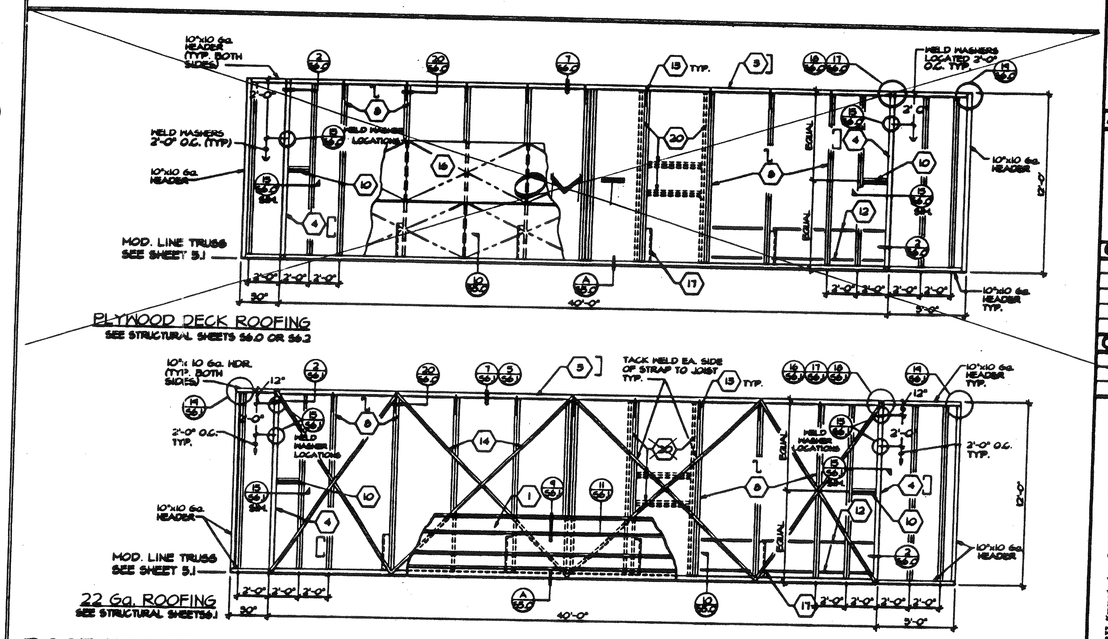


50# FLOOR LIVE LOAD + 20 LBS PARTITIONS

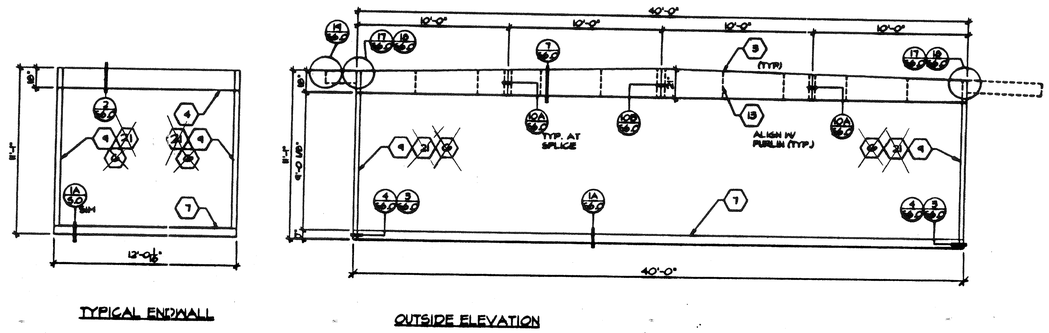


125# FLOOR LIVE LOAD

FLOOR FRAMING
SCALE 1/4" = 1'-0"



ROOF FRAMING
SCALE 1/4" = 1'-0"



STRUCTURAL ELEVATION
SCALE 1/4" = 1'-0"

D.S.A.
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
04 - 101055
AC. PV FLS SS
DATE MAR 23 2009

D.S.A.
101966
MAR 2 2009

STRUCT. ENGINEER
LICENSE EXPIRES 6-30-2010

ARCHITECT

CHANGE ORDER

CHECKED BY

AURORA MODULAR INDUSTRIES
18333 Kramer Ave., Riverside, CA. 92504
Phone (909) 728-7196
Fax (909) 780-4263

RELOCATABLE BUILDING FOR:
WILLIAMS SCOTSMAN INC.

GABLE ROOF
FLOOR FRAMING,
ROOF FRAMING,
STRUCTURAL
ELEVATIONS
(80 M.P.H. 'C')

BY AU DATE 2-11-00

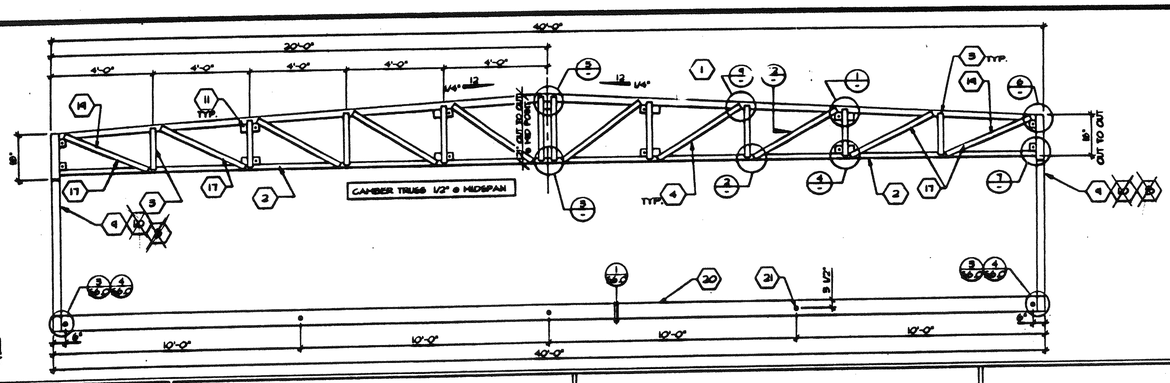
SHEET
S4.2

4311.

R-50

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
08-120134
AC ___ FLS ___ SS ___
DATE SEP 30 2013



TRUSS ELEVATION
SCALE 3/8" = 1'-0"

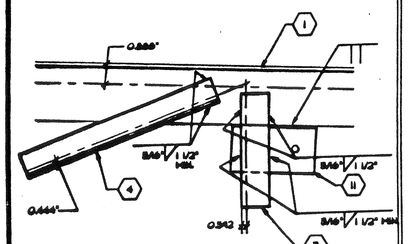
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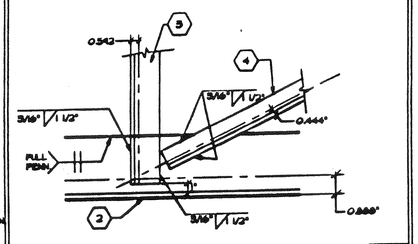
CBC 1998

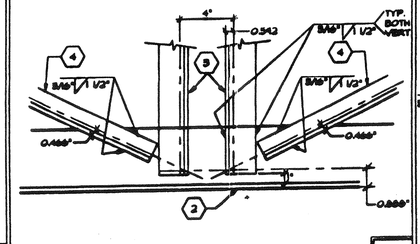
PC

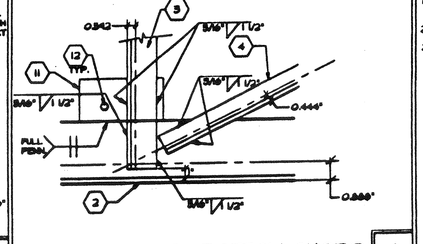
KEYNOTES

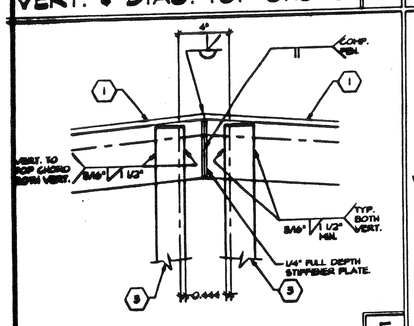
1. ⌿ 5"x3"x5/16" TOP CHORD.
2. ⌿ 5"x3"x5/16" 1/2" CHAMBER AT MIDPOINT
3. ⌿ L 1/2"x1 1/2"x5/16" VERTICAL MEMBER
4. ⌿ L 1/2"x 1 1/2"x 5/16" DIAGONAL MEMBER TYP.
5. NOT USED
6. NOT USED
7. 1/4" CAP PLATE
8. TS 5 1/16" x 5 1/16" x 5/16" STEEL TUBE @ 7'-5" o.c.
9. TS 3 1/2"x3 1/2"x1/4" STEEL TUBE @ 8'-0" o.c.
10. TS 4" X 4" X 1/4" ALTERNATE TUBE STEEL. USE WITH PARAPET AND HVAC SCREEN OPTIONS.
11. 3/8"x3"x5 1/2" PLATE WITH 1 1/16" HOLE FOR 3/8" MACHINE BOLT LOCATE PLATES @ 8'-0" O.C. FOR MODULE CONNECTION. SEE DETAIL 8.
12. 3/8" MACHINE BOLT FOR MODULE CONNECTION
13. NOT USED
14. TS @ [illegible] typ. STUB col.. SEE NOTES 8, 9, 10.
15. ROOF JOIST- SEE NOTE 5 SHEET S4.0
16. 1 1/2"x1 1/2"x5/16" BRACE @ 8'-0" O.C.
17. ⌿ 2"x 2"x 1/4" END DIAGONAL W/ MIN. 4" OF 5/16" FILLET WELD EACH END @ 60 °C.
18. 5/8" PLATE FITTED INSIDE TUBE COL. & WELDED IN PLACE TO COLUM W/ 5/16" FILLET WELD TWO SIDES
19. ⌿ L 1/2"x 1 1/2"x 5/16" DIAGONAL W/ MIN. 4" OF 5/16" FILLET WELD EA. END @ 70 °C.
20. [7"x 4.9 LB PERIMETER FLOOR FRAME.
21. 3/8" MACHINE BOLT @ MOD. CONNECTION SEE DETAIL 18 SHEET S6.0 OR S6.1

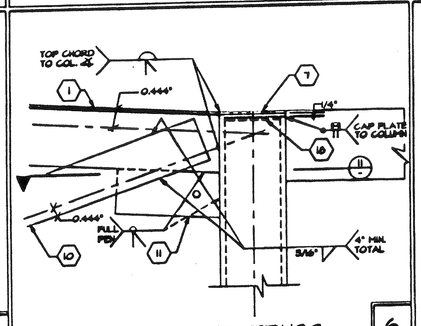

VERT. & DIAG. TOP CHORD 1

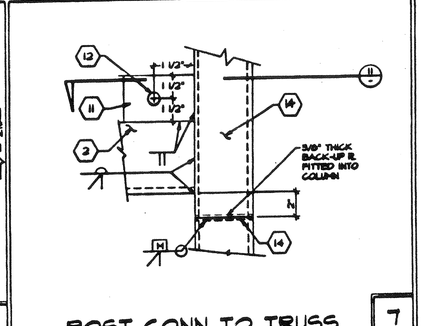

VERT & DIAG TO BOTTOM CHORD 2

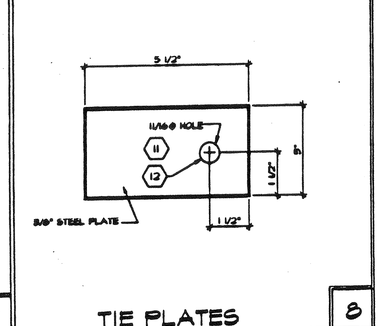

BOTTOM CHORD AT MIDSPAN 3

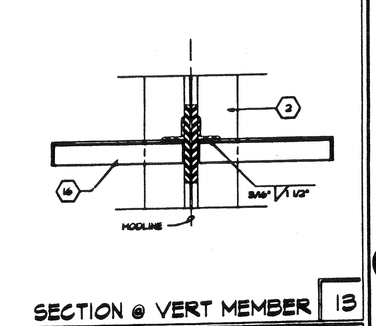

VERT & DIAG TO BOTTOM CHORD 4

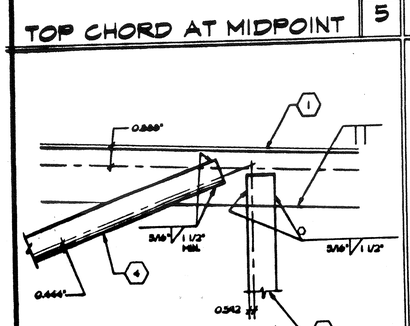

TOP CHORD AT MIDPOINT 5

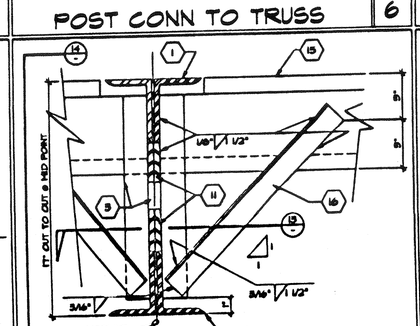

POST CONN TO TRUSS 6

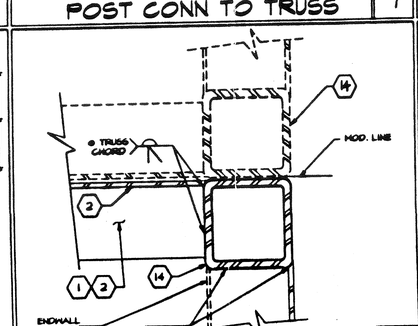

POST CONN TO TRUSS 7

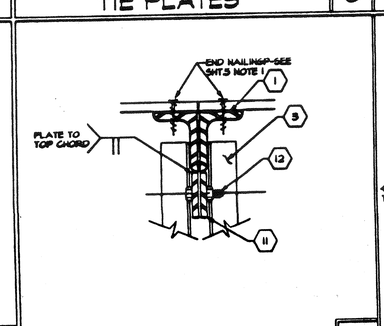

TIE PLATES 8

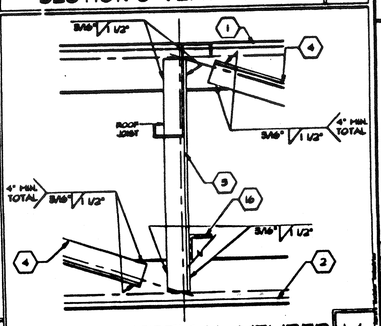

SECTION @ VERT MEMBER 13


VERT. & DIAG. TOP CHORD 9


TRUSS TO ROOF JOIST BRACING 10


MODULE CONN AT TOP/BOT. CORD 11


MODULE CONNECTION 12


CONN. TO VERTICAL MEMBER 14

D.S.A.
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04-101055
AC ___ DATE JUN 22 1999

D.S.A.
101966
DATE MAR 2 2000

STRUCT. ENGINEER
JACK F. SHIELDS
No. C-33467
REG. 01-31-2001
STATE OF CALIFORNIA
LICENSE EXPIRES 01-31-2000

ARCHITECT

CHANGE ORDER

CHECKED BY

AURORA MODULAR INDUSTRIES
18533 Krameria Ave., Riverside, CA. 92504
Phone (909) 788-7196
Fax (909) 788-6283

RELOCATABLE BUILDING FOR:
WILLIAMS SCOTSMAN INC.

GABLE ROOF STEEL TRUSS SECTION AND DETAILS

AH DATE 2-11-00

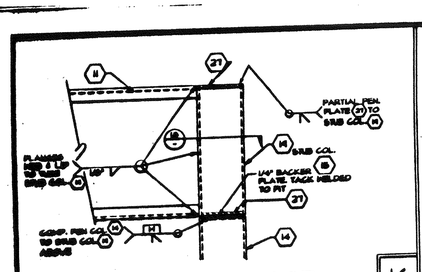
SHEET
S5.0

4311

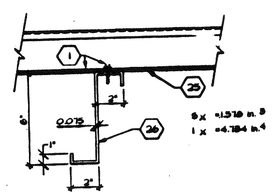
R-50

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

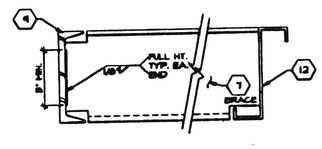
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC. FLS SS
DATE SEP 30 2019



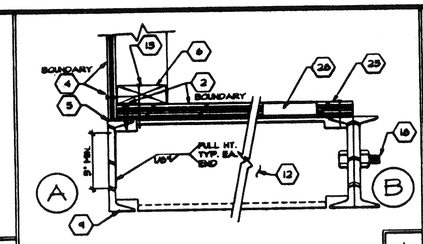
POST CONN. AT ROOF — 16



ROOF JOIST — 11



BRACE AT FLOOR — 6



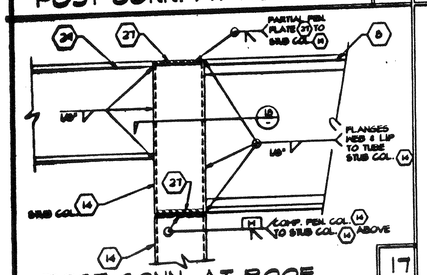
PERIMETER FLOOR — 1

KEYNOTES

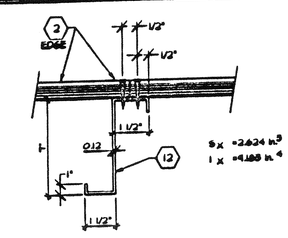
CBC 1998

1. STEEL ROOF DECK - 22 Ga. ROLL FORMED 2 1/2" STANDING SEAM ROOF DECK. USE #4 SELF TAP SCREWS @ 12" O.C. AT ROOF JOIST (2) PER PANEL) AND #4 SELF TAP SCREWS @ 24" O.C. AT HEADERS (3) PER PANEL) AND 24" O.C. @ OUTSIDE EDGE. (1) #4 SYS @ 4'-0" O.C. AT STANDING SEAM BETWEEN JOIST.
2. PLYWOOD FLOOR SHEATHING - SEE NOTE 2 SHT. S4.0 OR S4.1. ATTACH PLYWOOD W/ SD - 24 x 1-3/4" SELF TAP SCREWS @ 6 O.C. BOUNDARY & EDGES AND 6" O.C. FIELD. W/ FLOOR JOIST @ 48" O.C. (JOIST SPACE LISTED 32" O.C. + 12" O.C. FIELD)
3. TYPICAL INTERIOR FINISH - SEE SHEET 4.1
4. TYPICAL EXTERIOR FINISH - SEE SHEET 4.1
5. SEALANT
6. 2 x 4 TOP OR BOTTOM PLATE
7. T'x 11 6a. STEEL BRACE WELDED TO PERIMETER FRAME AND FLOOR JOIST.
8. 18/25A18x3 1/2"x10 6a. CHANNEL @ GABLE ROOF & 18/25B18x3 1/2"x10 6a. CHANNEL @ MONO SLOPE.
9. T'x 4.8 @ PERIMETER FRAME.
10. 4"x 4"x 1/2" STIFFENER
11. GABLE ROOF: 18x3 1/2"x10 6a. CHANNEL ROOF HDR. EA. END
MONO SLOPE: 25x3 1/2"x10 6a. CHANNEL ROOF HDR. @ FRONT AND 18x3 1/2"x10 6a. CHANNEL ROOF HDR. @ REAR.
12. T'x 11 6a. FLOOR JOIST.
13. 16d NAIL @ 8" O.C.
14. STEEL COLUMN - 3 1/2"x 3 1/2"x 1/4" TUBE AT 80'0" AND 5'6" x 5'6" x 5/16" TUBES at 10'0"
15. 1/4" CAP PLATE.
16. 8/16" FULL HEIGHT STIFFENER @ 4'-0" O.C.
17. NOT USED
18. 5/8" MACHINE BOLT @ MODULE CONNECTION - SEE SHT. S4.0 OR S4.1 "STRUCTURAL SHOP" FOR ELEVATIONS.
19. 3 1/2"x 3 1/2"x 1/4"x 15'6" LONG TUBE AT ROOF @ 80'0"
3 1/2"x 3 1/2"x 1/4"x 7' LONG TUBE AT FLOOR @ 80'0"
3"x 3"x 5/16"x 10'6" LONG TUBES AT ROOF @ 10'0"
3"x 3"x 5/16"x 8'6" LONG TUBES AT FLOOR @ 10'0"
20. 1/2" MACHINE BOLT IN / WASHER @ 24" O.C. MIN.
21. 1/2" MACHINE BOLT @ 24" O.C. MIN.
22. CHANNEL FRAME - GRIND WELDS ON EXPOSED FACES SMOOTH.
23. AT MODULE JOINT TAKE PLYWOOD TO EDGE OF CHANNEL AT PERIMETER, HOLD PLYWOOD BACK AS INDICATED.
24. WELD WASHER - 1-5/8"x 1-5/8"x 3/32" WITH 13/16" HOLE. WELD TO UPPER CHANNEL FLANGE.
25. 2"x 20 6a. STRAPS W/ 3" MIN. OF 1/8" FILLET WELD EA. END TO ROOF BEAM.
26. 6"x 14 6a. ROOF JOIST
27. 1/4" PLATE FITTED INSIDE TUBE COLUMN AND WELDED IN PLACE.
28. 9" DIA. HOLE AT BOLT LOCATION.
29. [10"x10 6a. NDR. @ PERIMETER OF OWANS
30. GALVANIZED SHEET METAL - SEE DEATIL 5

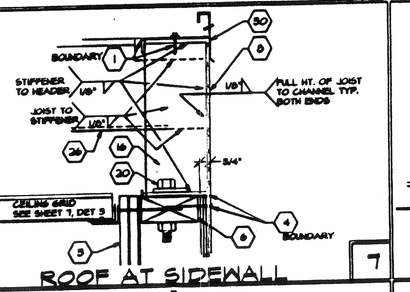
NOTE: USE 4" X 4" X 1/4" TUBE STEEL WHEN PARAPET AND HVAC OPTION



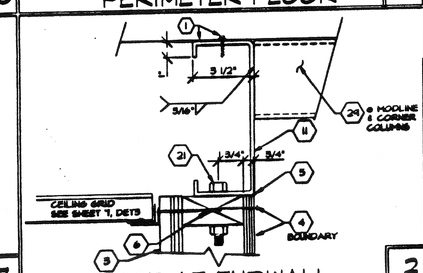
POST CONN. AT ROOF — 17



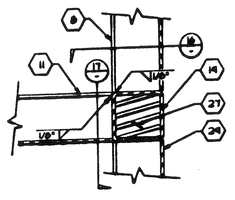
FLOOR JOIST — 12



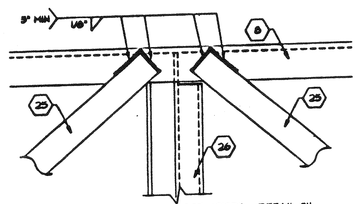
ROOF AT SIDEWALL — 7



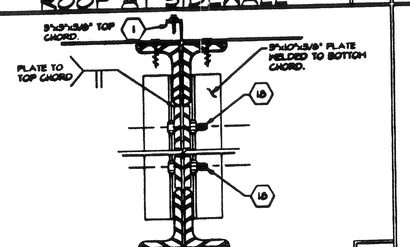
ROOF AT ENDWALL — 2



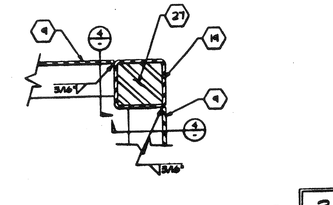
POST CONN. AT ROOF — 18



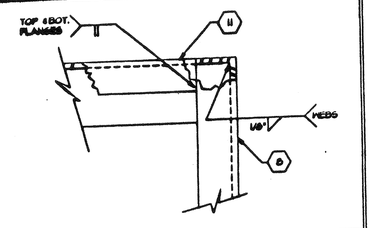
20 Ga. STRAP @ RF. BEAM — 13



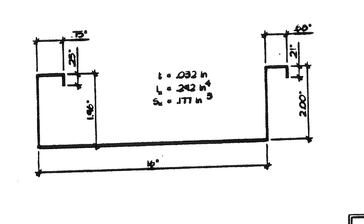
TRUSS AT MODLINE — 8



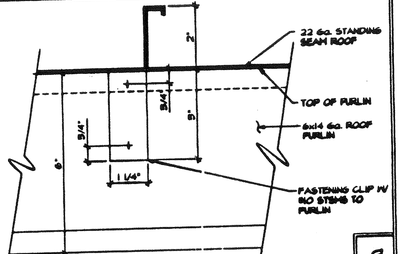
CORNER CONN. AT FLOOR — 3



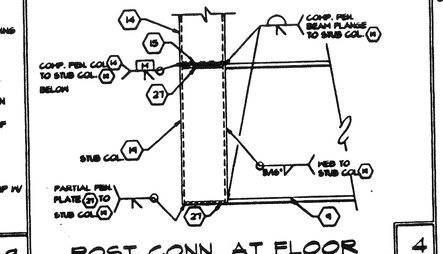
HEADER TO BEAM CONN. — 19



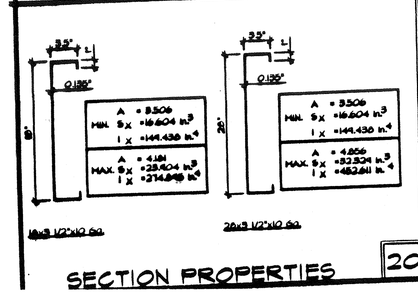
ROOF PANEL SECTION — 14



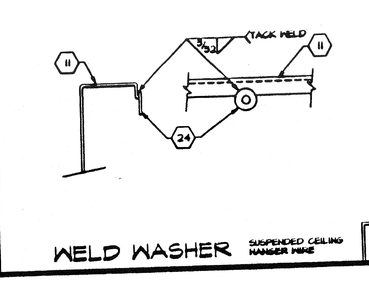
CLIP AT ROOF PANEL — 9



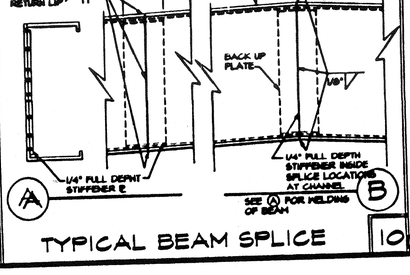
POST CONN. AT FLOOR — 4



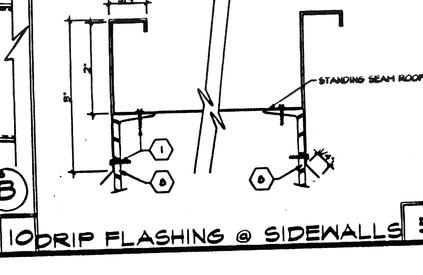
SECTION PROPERTIES — 20



WELD WASHER SUSPENDED CEILING HANGER MIKE — 15



TYPICAL BEAM SPLICE — 10



DRIP FLASHING @ SIDEWALLS — 5

D.S.A.
04 - 101056
DATE MAR 22 2000

D.S.A.
101966
DATE MAR 2 2000
PC

STRUCT. ENGINEER
JACK P. SHIREY
No. C-33467
REN. 03/31/2001
STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-
RED

ARCHITECT
REGISTERED ARCHITECT
JACK P. SHIREY
No. C-33467
REN. 03/31/2001
STATE OF CALIFORNIA

CHANGE ORDER

CHECKED BY

AURORA MODULAR INDUSTRIES
16633 Kramer Ave., Riverside, Ca. 92504
Phone (909) 786-7196
Fax (909) 780-6283

RELOCATABLE BUILDING FOR:
WILLIAMS SCOTSMAN INC.

STRUCTURAL DETAILS AND NOTES (WOOD STUDS) 22 GA. ROOFING

BY AH DATE 2-11-00

SHEET S6.1

4311

R50

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019

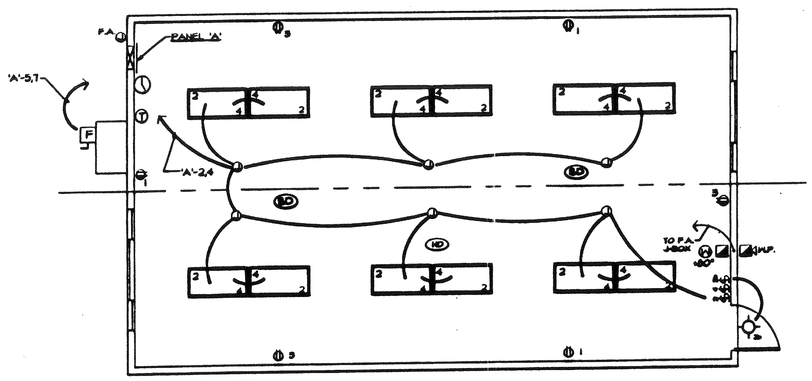
PANEL A — 120/240 VOLT — 1 PHASE — 3 WIRE
100 a BUS — 100 a MAIN

	OUTLETS			WATTAGE			BREAKER		REMARKS
	recept	lights	other	A ø	B ø	C ø	amp	pole	
1	9	—		540	—		20	1	
2	—	12	EMERG. LIGHT	1080	—		20	1	
3	9	—		—	540		20	1	
4	—	12		—	960		20	1	
5		—	CONTACTOR	3880	—		60	3	8.5 TON HVAC
6	—			—	—				
7		—		—	3880				
8				—	—				
9	1			180	—		20	1	CLOCK OUTLET
10									
11									
12									
13									
14									
15									
16									
17									
18									
19	1								
20	1								
TOTALS				7660	7380		= 15.04kw		62.7 amps com.

FLA x 1.25 = 78.0 amps

FIXTURE SCHEDULE

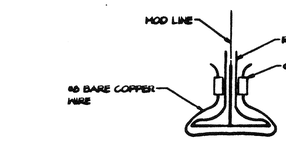
SYMBOL	DESCRIPTION	WATTS	MANUFACTURER
	2' x 4' FLUORESCENT DROP IN FIXTURE, ACRYLIC PRISMATIC LENS, ENERGY SAVING BALLAST. (4) 40 WATT T12SS, WT. 21 lbs	180 WATTS	CRESCENT "2484-4QA12" OR EQUAL
	INCANDESCENT SURFACE MOUNTED EXTERIOR LIGHT WITH IMPACT RESISTANT ENCLOSURE	100 WATTS	KENALL "3668" OR EQUAL
⊕ + 18" AFG	DUPLEX RECEPT - 15a 125v 3 WIRE GROUNDING TYPE	180 WATTS	GENERAL ELECTRIC 5342-3 OR EQUAL
$ + 48"	LIGHT SWITCH - SINGLE POLE		GENERAL ELECTRIC 5401-3 OR EQUAL
J	JUNCTION BOX		
DS	DISCONNECT SWITCH - BUILT INTO A/C UNIT		
T + 48"	THERMOSTAT		HONEYWELL T8602A1000
+ 48"	FIRE ALARM PULL STATION (J-BOX ONLY)		
1" 8'-0" AFF	FIRE ALARM HORN (J-BOX ONLY) W/P. - INDICATES WEATHERPROOF)		
EMERG	ELEC. PANEL		SQ'D OR EQUAL
	ELEC. CLOCK 6" BELOW CEILING LINE		WESTCLOX "IOM OR EQUAL
EXIT	EXIT SIGN W/ BATTERY BACK-UP EMERGENCY LIGHTING MOUNTED ABOVE DOOR		
80"	VISUAL WARNING DEVICE - 60 FLASHES PER MINUTE. (J-BOX ONLY)		
SD	CEILING MOUNTED SMOKE DETECTOR @ 15'-0" FROM SIDEWALL & 10'-0" FROM ENDWALL (J-BOX ONLY)		
HD	ATTIC HEAT DETECTOR (J-BOX ONLY)		



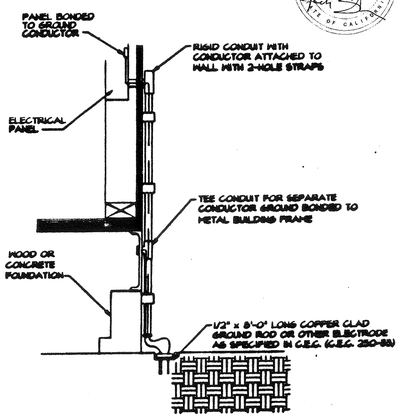
LIGHTING AND POWER PLAN
SCALE: 1/4" = 1'-0"

~~"A" UNIT SHOWN~~
OPP. HAND

CBC 1998
PC



MODULE BONDING



SYSTEM GROUND DETAIL
NOT BY PORTABLE MANUFACTURER

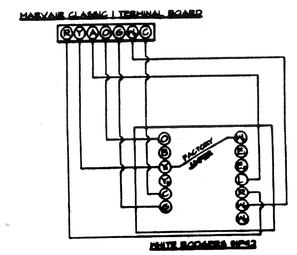
1 SIZE OF CONDUCTORS SHALL COMPLY WITH CEC TABLE 250-95.

2 BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELECTRICAL PANEL AND TO METAL BUILDING FRAME (CEC 250-81). IN ADDITION TO THE DETAIL SHOWN ABOVE, BOND THE ELECTRICAL GROUND TO METAL WATER PIPE EMBEDDED AT LEAST 10 FT. INTO THE SOIL IF AVAILABLE. (CEC 250-81 & 250-83).

3 ALL MODULES OF THE METAL FRAME BUILDING SHALL BE ELECTRICALLY BONDED TOGETHER. (BOLTING ONLY IS NOT ACCEPTABLE BONDING.)

4 CHECK RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS (CEC 250-84(c)) AS REQUIRED, WITH CONDUCTORS, AS SHOWN, SEPARATED BY AT LEAST 6'-0" UNTIL RESISTANCE IS 25 OHMS OR LESS.

5 FIELD INSPECTOR SHALL WITNESS AND VERIFY THE GROUNDING TEST.



A/C CONTROL WIRING

D.S.A.
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
04 - 101055
APP FLS SS
DATE JUN 20 2000

D.S.A.
101966
MAR 2 2000

STRUCT. ENGINEER
No. S 3887
STRUCTURAL
STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2000

ARCHITECT

CHANGE ORDER

CHECKED BY

AURORA MODULAR INDUSTRIES
18333 Kramer Ave., Riverside, CA. 92504
Phone (909) 788-7196
Fax (909) 788-6883

RELOCATABLE BUILDING FOR:
WILLIAMS SCOTSMAN INC.

ELECTRICAL, POWER & LIGHTING FLOOR PLAN & PANEL SCHEDULE

BY AH DATE 2-11-00

SHEET
E1 .0

4311. CONTRACT NO.

R-50

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019

GENERAL NOTES AND SPECIFICATIONS

CBC 1998
PC

SECTION 1A

1. GENERAL

A. The requirements of the General Conditions of the agreement and this General Requirements apply to the several trade sections with the same force as though fully repeated in each trade section.

B. Name brands are indicated to establish a standard of quality. Items of equal or better quality may be substituted for the listed brand named products.

C. All work shall comply with the requirements of Titles 19, and 24 California Code of Regulations. No changes shall be made from D.S.A. approved drawings or specifications without prior written approval of D.S.A. and the District Architect.

2. SCOPE OF WORK

A. The work consists of manufacturing off-site in a plant, and installing on-site, modular relocatable buildings as defined herein and shown and detailed on drawings.

B. All requirements of Titles 19, and 24 of the State of California Code of Regulations (C.C.R.) relating to inspections and verified reports shall be complied with and shall include:
1. General responsible charge of Field Administration by the Architect of Record.
2. Inspection in-plant during the course of construction by an inspector approved by the Division of the State Architect and the District Architect. The inspector shall be responsible for and approved to inspect the general construction welding, mechanical and electrical work. Cost of these inspections shall be borne by the School District.
3. On site inspection of the building installation electrical and utility of the building installation by an inspector approved by the Division of the State Architect and retained by the School District.
4. Other special tests or inspections as may be required by the Division of the State Architect.

3. WORK NOT INCLUDED

A. All on-site or off-site utilities and the connection of them to the building unless indicated on the drawings.

B. All leveling, grading or other site preparation except concrete or wood leveling strips, where required, unless otherwise indicated on the drawings.

C. Fire alarm system, fire extinguisher, program bell, clock, public address system, intercom system, TV system unless otherwise indicated on the drawings.

4. WHEELS AND HITCH

Shall remain the property of the Contractor.

5. ACCESSIBILITY OF SITE

The School District shall provide access to the site for the installation of buildings. Removal of trees, shrubs, fencing, appliances, etc. necessary for the erection of buildings shall be the responsibility of the School District.

6. GENERAL CONSTRUCTION

A. Structural Frame - Each module shall be designed as a moment frame structure to withstand vertical and horizontal loads and comply with requirements of the Division of the State Architect. The necessary provisions are incorporated in the structure to permit the separation of the structural frame in sections not exceeding 12 feet in width.

B. Floor - The floor shall be steel framed with a design live load of 50 lbs per square foot unless noted otherwise on drawings.

SECTION 3A CAST IN PLACE CONCRETE

1. SCOPE OF WORK

A. Contractor shall provide all materials, labor and services for concrete work indicated on drawings.

2. MATERIALS

A. Portland Cement - Type I, standard brand, ASTM C-150

B. Aggregate - Washed sand, gravel, rock ASTM C-33

C. Reinforcing steel - ASTM A615 grade 40, deformed, ASTM-305.

3. WORKMANSHIP

A. Minimum compressive strength at 28 days - 3000 psi; maximum aggregate size 1"; maximum 6.1 gallons of water per sack of cement; minimum of 7.0 sacks of cement per yard; maximum slump 4". Transit mixed concrete shall be used.

SECTION 5A STRUCTURAL AND MISC. STEEL

1. SCOPE OF WORK

Contractor shall provide all materials, labor and as specified and indicated on the drawings. services required for structural and miscellaneous steel

2. MATERIALS

A. Structural Steel Shapes - ASTM A-36, open hearth or electric furnace only, all regular shapes as described in AISC Construction Manual, unless otherwise noted.

B. Cold Formed Light Gauge Steel - ASTM A-570 Grade 33, minimum yield 33,000 PSI.

C. Structural Pipe and Tubing - ASTM AK-500 Grade B.

D. Bolt Material - Bolts and nuts, American Standard Regular, as detailed in AISC Construction Manual, fabricated from structural quality steel, ASTM A-307.

E. Arc-welding Electrodes - Class E-70 Series for welding A-36 steel to A-36 and E-60 Series for welding A-570 steel to A-36, conforming to requirements of the "Structural Welding Code" of American Welding Society, latest edition.

3. WORKMANSHIP

A. GENERAL - All work shall conform to the requirements of AISC Standard Specifications, Titles 21 and 24 of the California Code of Regulations and the American Iron and Steel Institute Specifications for Design of Light Gauge Steel Structural Members.

B. WELDING - All welding done by shielded electric-arc or flux cored-arc process complying with requirements of the "Structural Welding Code" of the American Welding Society. Welding done by operators qualified by tests acceptable to the Division of the State Architect.

C. ERECTION - Structural Steel erected true, straight, plumb and to its designated locations. Field connections bolted or welded as indicated on the drawings.

D. NAILS, BOLTS, SCREWS, NUTS, etc. - for exterior work shall be cadmium plated or galvanized.

E. HANDRAILS - Fabricated as detailed, welds ground smooth.

F. SHOP PAINT -
1. Exposed steel coated with one shop coat
2. Non-exposed steel coated with one shop coat
3. All surfaces thoroughly cleaned by effective means prior to application of shop coats.

G. TESTS -
1. Provide mill certificates or test all members:
2. Welds shall be inspected and/or tested per T-24 Section 2212A.5

SECTION 6A CARPENTRY

1. SCOPE OF WORK

Contractor shall provide all labor, materials and services to install carpentry.

2. MATERIALS

Lumber grade marked in accordance with "Standard grading and Dressing Rule No. 16" of West Coast Lumber Inspection Bureau or "Grading Rules for Western Lumber, 3rd Edition" of Western Wood Products Association. Plywood grade marked in accordance with "Product Standard PS 1-83 for Softwood Plywood" of American Plywood Association, complying with UBC Standard 25-9.

A. HEADERS, - Hem Fir Stud Grade or better.
B. PLATES - Hem Fir Std. Grade or better.
C. BLOCKING - Hem Fir Stud Grade or better.
D. SILLS AND LUMBER IN CONTACT WITH CONCRETE, MASONRY OR EARTH - Hemlock Fir pressure treated with Wolman Salts, Tanalith U, or chromated copper arsenic; grade - 2x4, No. 2 grade - 2x6, cut ends dipped in preservative (Cuponal).

E. PLYWOOD ROOF DECKING - APA C-D grade, Group 1, Exposure 1 with exterior glue. On overhangs, C-C plugged and touch sanded.

F. PLYWOOD FLOOR DECKING - APA STURD-I-FLOOR 48" o.c. 1-1/8" tongue and groove, glued sheathing.

G. EXTERIOR GRADE/SEATHING - APA Type 303, exterior, T-1-11 24" o.c. joints, thickness 1/2" U.O.N.

H. Not used.

I. STUDS AND POSTS - Hem Fir Stud Grade.

J. FASTENERS - All nails shall be corrosion resistant per U.B.C. Standard 2305.

K. BUILDING TRIM - 1x Redwood select M.F. or Masonite.

L. DOOR/WINDOW TRIM - 1x6 Redwood M.F.

3. WORKMANSHIP

A. FRAMING - securely nailed, bridged and blocked to form rigid structure. Work cut fitted and assembled level, plumb and true to line. Trim in as long lengths as possible with all standing trim in one piece. Trim sanded at all edges.

B. NAILING - in accordance with Title 24 C.C.R. - California Building Code, Table 33A-I-D. Nails shall be corrosion resistant box nails.

C. EXTERIOR WALLS - factory fabricated. Caulking provided between perimeter of wall and structural members providing weatherproof and waterlight seal. Necessary closures, seals, and flashings placed at top and base support of panels and around openings.

D. MACHINE APPLIED NAILING - shall have prior demonstration and approval by DSA field representative and the architect. The approval is subject to continued satisfactory performance. Plywood shall have a minimum thickness of 3/8". If nailheads penetrate the outer ply more than would be normal for a hand hammer or if minimum allowable edge distances are not maintained, the performance will be deemed unsatisfactory.

E. Not used

F. Trim sealed at all edges. Sealant painted to match trim or siding.

G. Retighten all bolts before closing in.

H. The design moisture content of lumber is 19% or less before fabrication, other moisture thru change order will be required.

SECTION 7B SHEET METAL

1. SCOPE OF WORK

Contractor shall provide all labor, materials and services to install indicated sheet metal.

2. MATERIALS

A. SHEET METAL - Steel sheets hot dip galvanized with 1.25 Oz. per square foot zinc coating conforming to ASTM A123. Minimum 26 Ga. unless otherwise noted on the drawings.

B. SOLDER - Of standard brand, Grade "A" of equal parts lead and tin ASTM B32.

C. FLUX - Zinc saturated muriatic acid.

3. WORKMANSHIP

Sheet metal accurately formed to dimensions and shapes detailed with true straight lines, corners and angles. Flashings installed in longest lengths possible. Exterior work formed, fabricated and installed so that it adequately provides for expansion and contraction in the completed work and finishes water and weather tight. Aluminum shall be separated from ferrous metal by polyethylene or fiber coat of asphalt paint.

SECTION 7C METAL ROOFING

1. GENERAL

Metal roofing to be 22 Ga. interlocking panels with standing seam. Steel deck shall be galvanized and conform to ASTM A-446 grade A. All fasteners to have neoprene washers.

Metal roofing to be 26 Ga. ribbed gal. sheet metal interlocking panels installed over asphalt base sheet over 3/4" plywood roof deck. All fasteners shall not penetrate metal roof panels.

SECTION 7J SEALANT

1. SCOPE OF WORK

Contractor shall provide all labor, materials and services - and buildings.

2. MATERIALS

"Vulkem" Sealant, polyurethane, manufactured by MAMECO INTERNATIONAL or approved equal.

Sealant applied to dry clean surfaces, wherever indicated on details and as needed to make building watertight, in accordance with manufacturer's specifications.

SECTION 8B HOLLOW METAL DOORS AND FRAMES

1. SCOPE OF WORK

Contractor shall provide all labor, materials and services to install hollow metal doors & frames.

2. MATERIALS

A. DOORS - Type I, full flush, manufactured by Steelcraft Manufacturing company or approved equal, 18 Ga. 1-3/4" thick.

B. FRAMES - 16 Ga. cold rolled, 2" faces.

3. WORKMANSHIP

Sheet metal accurately formed to dimensions and shapes detailed with true straight lines, corners and angles. Flashings installed in longest lengths possible. Exterior work formed, fabricated and installed so that it adequately provides for expansion and contraction in the completed work and finishes water and weather tight.

SECTION 8D FINISH HARDWARE

1. SCOPE OF WORK

Contractor shall supply and install finish hardware as specified and as required.

2. DOOR SCHEDULE See note 1 and 9.

3. SPECIAL REQUIREMENTS

A. Exit doors shall be operable from the interior without key or special knowledge or effort.

B. Clearance for exterior doors shall be set for a maximum opening pressure of 8.5 lbs; interior doors shall be set for maximum opening pressure of 5 lbs.

C. Deadbolts not permitted unless operable with a single effort using lever handle.

D. Hardware shall be centered between 30" and 44" above finished floor.

SECTION 9E PAINTING

1. SCOPE OF WORK

Contractor shall provide all labor, materials and services to paint building. All exposed surfaces of building and ramp shall be painted except aluminum window frames and thresholds.

2. MATERIALS

A. For Exterior Wood:

Ref. brand -	VISTA
Primer	4100
Finish	8000

B. For Interior Trim:

Ref. brand -	VISTA
Finish	7000

C. For Metal:

Ref. brand -	VISTA
Finish	7000

3. WORKMANSHIP

A. EXTERIOR - Wood siding, trim and skirting - apply two coats of exterior flat acrylic paint sprayed on.

B. INTERIOR TRIM - Trim not prepainted shall be painted with two coats of semi-gloss latex over primer.

C. METAL - All metal surfaces shall be painted with two coats of alkyd finish coat over shop primer.

D. RAMP - One coat of non-skid surfacing.

SECTION 13F SITE ASSEMBLY

1. SCOPE OF WORK

Contractor shall provide all labor, materials and services to prepare the building elements, transport them from the plant to the site and to complete the assembly at the site.

The condition of the site, such as drainage and soil bearing capacity, shall be the responsibility of the School District. Unless specifically called for in the contract, steps, ramps, railings or handrails shall not be the responsibility of the contractor.

2. ASSEMBLY OF ELEMENTS

A. In a location on the site as determined by the School District, the contractor shall place concrete leveling strips or other suitable supports as detailed on the drawings.

B. The elements shall be brought to the site on wheel assembly and transferred to the prepared site. Great care shall be taken to avoid damage to the elements by racking or bumping.

C. Connection of the elements together shall be done according to instruction on the drawings. Flashings, trim and other loose items shall be installed per details on the drawings.

SECTION 15A AIR CONDITIONING

1. SCOPE OF WORK

Contractor shall provide all labor, materials and services to install the air conditioning system as shown on the drawings and specifications, including A/C units and accessories, remote thermostat, grills and power wiring complete to load center. contractor shall instruct owner's operators on operation and maintenance of A/C system.

2. EQUIPMENT See A/C information schedule for size and type.

3. WORKMANSHIP

Units shall be installed complete and operating with all accessories in accordance with the manufacturer's instructions.

SECTION 16A ELECTRICAL

1. SCOPE OF WORK

Contractor shall provide all labor, materials and services for electrical installation complete with associated equipment and fixtures in operating conditions ready for use. The work includes: Light and power systems, lighting fixtures complete with lamps, connections and disconnects to A/C equipment.

2. MATERIALS

All new complying with requirements of Calif. Building Code and National Fire Protection Association.

A. ELECTRIC METALLIC TUBING - couplings and flex conduit galvanized or sherardized.

B. PANELBOARDS - flush mounted with hinged doors and indexed card holders.

C. CONDUCTORS - copper, insulated for 600 volts, type THHN for sizes #12 to #6, type XHH for larger sizes. Minimum size - #12.

D. RECEPTACLES - General Electric 5342-2 or equal +15".

E. CLOCK RECEPTACLE - Eagle or equal.

F. SWITCHES - General Electric 2801-2 or equal +48"

G. LIGHTING FIXTURES - 2'X 4' fluorescent drop in type fixtures with 35 watt lamps and energy saving ballast.

3. WORKMANSHIP

Materials and equipment installed in a secure, neat, workmanlike manner in accordance with code requirements. Panel board cards filled out. Conduit and cable installed in wall and ceiling spaces. Work planting waterproofed areas finished and sealed to a watertight condition.

NAILING SCHEDULE

Joists or rafters to sides of studs 6" joist or less	(3)-16d
for each additional 4" in depth of joist	(1)-16d
Bridging to joist, toenails each end	(2)-8d
a. blocking between joists or rafters to toenails each side, each end	(2)-10d
b. blocking between studs, each end	(2)-16d or (2)-10d toenails
Sole plate to joist or blocking face nail	16d @ 16" o.c.
Top plate to stud, end nail	(2)-16d
Stud to sole plate	(4)-8d toenail or (2)-16d endnail
Double studs, face nail	16d @ 24" o.c.
Double top plates, face nail	16d @ 16" o.c.
Continuous header, two pieces	16d @ 16" o.c. along each edge
Ceiling joists to plate, toenail	(3)-8d
continuous header to stud, toenail face nail	(4)-8d
Ceiling joists, laps over partitions, face nail	(3)-16d
Ceiling joists to parallel rafters,	(3)-16d
Joists or rafters at all bearings, toenails each side.	(2)-10d
1" brace to ea. stud and plate, face nail	(2)-8d
Built up corner studs	16d @ 24" o.c.

PLYWOOD

Subfloor, roof and wall sheathing to framing:

1/2" and less	6d[2]
19/32" - 3/4"	8d[2] or 6d[3]
7/8" - 1"	8d[2]
1-1/8" - 1-1/4"	10d[3] or 8d[3]

Combination subfloor/underlayment to framing:

3/4" or less	6d[2]
7/8" - 1"	8d[2]
1-1/8" - 1-1/4"	10d[3] or 8d[3]

Panel siding to framing:

5/8"	6d[4]
1/2" or less	8d[4]

1. Common or box nails may be used except where otherwise stated.
2. Deformed shank.
3. Common
4. Not used
5. Nails spaced at 6" o.c. at edges, 12" o.c. at intermediate supports (10" at intermediate supports for floors), except 6" o.c. at all supports where spans are 48" or more. For nailing of plywood diaphragms and shear walls, refer to Section 2314A. Nails for wall sheathing may be common or box.
6. Corrosion resistant siding or casing nails conforming to the req. of Section 2320A.
7. Fasteners spaced 3" o.c. at ext. edges and 6" o.c. at intermediate supports.
8. Corrosion resistant roofing nails with 7/16" dia. head and 1-1/2" length for 1/2" sheathing and 1-3/4" length for 25/32" sheathing conforming to the requirements of Section 2322.3.
9. Corrosion resistant staples with nominal 7/16" crown and 1-1/8" length for 1/2" sheathing and 1-1/2" length for 25/32" sheathing conforming to the requirements of Section 2317.
10. When possible, nails driven perpendicular to the grain shall be used instead of toenails.

NOTE:
PREPARATION FOR SUB FLOOR TO ACCEPT FINISH FLOORING IS BY FLOORING CONTRACTOR. 1 1/8" PLYWOOD SUB-FLOOR IS PLUGGED AND TOUCH SANDED, ANY DEFORMITIES SHALL BE FILLED AND SANDED BY THE FLOORING CONTRACTOR. THE JOINT AT THE MODULE JOINING SHALL NOT BE LARGER THAN 1/8" AND SHALL BE FILLED AND SANDED BY FLOORING CONTRACTOR.

SPECIAL NOTE:
ALL FINISHES SHALL COMPLY WITH C.B.C. CHAPTERS 3,7,8, & 10 C.F.C. & TITLE 19 C.C.R.

BUILT-UP ROOFING SPECIFICATION

D.S.A.
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
04 - 101055
DATE JAN 06 2000

D.S.A.
101966
MAR 2 2000

STRUCT. ENGINEER
LICENSED STRUCTURAL ENGINEER JACK T. SMITH No. 5443 Exp. 6-30-2000 STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2000

ARCHITECT
LICENSED ARCHITECT JACK T. SMITH No. C-13457 Exp. 01-31-2002 STATE OF CALIFORNIA

CHANGE ORDER

CHECKED BY

AURORA MODULAR INDUSTRIES
18533 Kramaria Ave., Riverside, CA. 92504
Phone (909) 789-2186
Fax (909) 789-2188

RELOCATABLE BUILDING FOR:
WILLIAMS SCOTSMAN INC.

GENERAL NOTES SPECIFICATIONS.

BY AH DATE 3-11-00

SHEET 9

431

R-50

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC ✓ FLS ✓ SS
DATE SEP 30 2019

DOOR SCHEDULE

DOOR NO.	DOOR SIZES	TYPE	DOOR TYPE	GLASS	INSULAT RATING	FRAME TYPE	HARDWARE GROUP	DOOR SPECIFICATION
1	3'-0" x 6'- 8" x 1 3/4"	A	STL			A	1	18 GA. FULL FLUSH
2	3'-0" x 6'- 8" x 1 3/4"	A	STL			A	2	18 GA. FULL FLUSH

DOOR HARDWARE GROUP #1

ITEM	DESCRIPTION
LOCK SET	HAGER 3495-WTN-26D-234
HINGES	HAGAR BC 1274 BB 4.5"x 4.5" NRP PC
CLOSER	NORTON 1601 8 LBS. CLOSING PRESSURE
THRESHOLD	PEMCO 271A
KICKPLATES	PEMCO 216AV
WEATHER-STRIP	PEMCO 294AV
DOOR STOP	'QUALITY' 1201 ES

DOOR HARDWARE GROUP #2

ITEM	DESCRIPTION
PANIC	VON DUPRIN 2250, 26D FINISH
HINGES	HAGAR BC 1274 BB 4.5"x 4.5" NRP PC
CLOSER	NORTON 1601 8 LBS. CLOSING PRESSURE
THRESHOLD	PEMCO 271A
DOOR BOTTOM	PEMCO 216AV
WEATHER-STRIP	PEMCO 294AV
DOOR STOP	'QUALITY' 1201 ES

DOOR HARDWARE GROUP #3

ITEM	DESCRIPTION
LOCK SET	LEVER HANDLE 'SCHLAGE' D40S RHODES, 26D FINISH
HINGES	HAGAR BC 1274 BB 4½ 4"
DOOR STOP	'QUALITY' 1201 ES

OMIT

DOOR HARDWARE GROUP #4

ITEM	DESCRIPTION
LOCK SET	LEVER HANDLE 'SCHLAGE' D40S RHODES, 26D FINISH
HINGES	HAGAR BC 1274 BB 4½ 4"
DOOR STOP	'QUALITY' 1201 ES

DOOR HARDWARE GROUP #5

ITEM	DESCRIPTION
LOCK SET	LEVER HANDLE 'SCHLAGE' D80PD RHODES, 26D FINISH
HINGES	HAGAR BC 1274 BB 4½ 4"
DOOR STOP	'QUALITY' 1201 ES

OMIT

DOOR HARDWARE GROUP #6

ITEM	DESCRIPTION
LOCK SET	LEVER HANDLE 'SCHLAGE' D80PD RHODES, 26D FINISH
HINGES	HAGAR BC 1274 BB 4½ 4"
DOOR STOP	'QUALITY' 1201 ES

WINDOW SCHEDULE

	WINDOW SIZES	FRAME	GLAZING TYPE	SPECIAL NOTES
◇	8'-0" x 4'-0"	AL	1 & 4	ALUMINUM FRAMED SCREENS ON OPERABLE SASH.
◇				
◇				
◇				
◇				
◇				

EXTERIOR FINISH

MAT'L	DESC.		MFG.	SPECIFICATION
SIDING	4' x 9' x 5/8"		DURATEMP	APA RATED OR EQUAL, GROUP 1, TYPE 303 EXTERIOR SIDING
ROOFING		BUILT-UP	GAFGLAS	N-B-3-M (SEE SPEC. ON SHEET 9)
		26 Ga.	PLACER	
	X	22 Ga.	CAL. STEEL	
TRIM	WOOD 1"x4"		RESAWN	@ DOORS

INTERIOR FINISH SPECIFICATIONS

	ITEM	DESCRIPTION
FLOOR	CARPET	COMPLYING WITH THE STATE OF CALIF. SPEC. 1220-21K-01 GROUP I TYPE A, CLASS 24, DENSITY 4600, DIRECT GLUE DOWN. (SEE NOTE BELOW)
FLOOR	SHEET VINYL	ARMSTRONG CLASSIC CORLON SHEET VINYL .098 GAUGE WITH 6" COVE BASE. COEFFICIENT OF FRICTION 0.5 MIN. (ASTM D2047)
FLOOR	VCT	VINYL COMPOSITION TILE WITH 4" TOP SET BASE. COEFFICIENT OF FRICTION 0.5 MIN. (ASTM D2047)
CLG	SUSPENDED	ARMSTRONG 2810 CEILING TILE (FLAME SPREAD CLASS 1) WITH ARMSTRONG HEAVY DUTY 6360. MAIN RUNNERS 7301, CROSS RUNNERS-XL 7328 OR XL 8228
CLG	GYP. BOARD	1/2" M.R. GYP.BOARD TAPED AND PAINTED
WALLS	VINYL	1/2" VINYL COVERED TACK BOARD (FLAME SPREAD CLASS 1) OVER 1/2" GYP BOARD.
WALLS	F. R. P.	1/8" FULL HEIGHT FIBERGLASS REINFORCED PANELS (FRP) OVER OVER 1/2" WATERPROOF GYP BOARD PANELS.
WALLS		
CHALKBOARD		1/2" PARTICLE BOARD SUBSTRATE, FULL WIDTH MAP RAIL WITH CORK INSERT AND SILK MAP HOOKS, EXTRUDED ALUMINUM MOLDING WITH PLAG HOLDER.
MARKERBOARD		1/2" PARTICLE BOARD SUBSTRATE, FULL WIDTH MAP RAIL WITH CORK INSERT AND SILK MAP HOOKS, EXTRUDED ALUMINUM MOLDING WITH PLAG HOLDER.

INTERIOR FINISH SCHEDULE

24 X 40 CLASSROOM

ROOM DESC. ROOM NO.	FLOOR	CEILING	WALLS	MISC.
CLASSROOM	NONE	SUSPENDED	VINYL	MARKERBOARD

INTERIOR FINISH SCHEDULE

36 X 40 CLASSROOM

ROOM DESC. ROOM NO.	FLOOR	CEILING	WALLS	MISC.
CLASSROOM	CARPET	SUSPENDED	VINYL	

OMIT

INTERIOR FINISH SCHEDULE

48 X 40 CLASSROOM

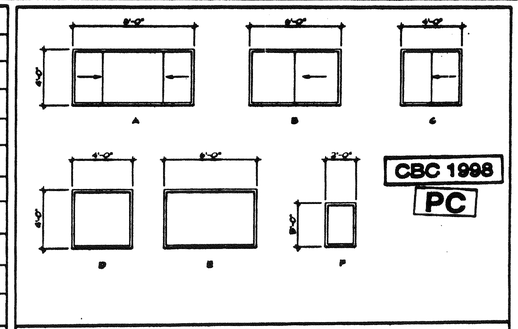
ROOM DESC. ROOM NO.	FLOOR	CEILING	WALLS	MISC.
CLASSROOM	CARPET (CEILING ABOVE)	SUSPENDED	VINYL	MARKERBOARD (FORCLEB)
RESTROOM	SHEET VINYL	SUSPENDED MR	FRP	

OMIT

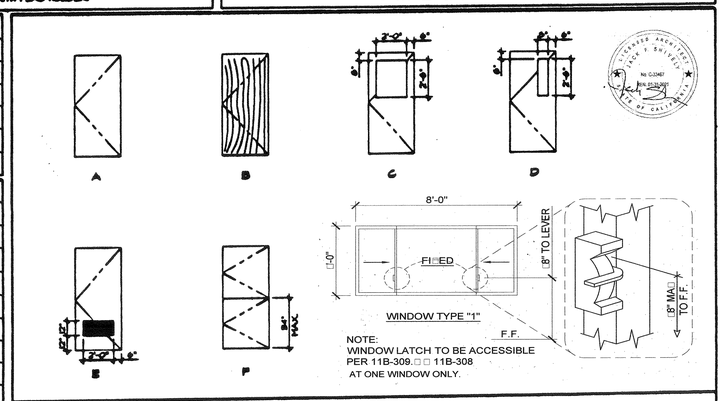
A/C INFORMATION

	24 X 40 CLASSROOM	36 X 40 CLASSROOM	48 X 40 CLASSROOM
MANUFACT.	MARVAIR	MARVAIR	MARVAIR
MODEL	AVP42HPA	AVP60HPA	AVP42HPA
SIZE	3.5 TON (1 UNIT)	5 TON (1 UNIT)	3.5 TON (2 UNITS)
SUPPLY	DUCTED	DUCTED	DUCTED
RETURN	DIRECT	DIRECT	DIRECT
HEAT STRIP	SEE SHT. E1.0	SEE SHT. E1.1	SEE SHT. E1.2
ELECTRICAL	SEE SHT. E1.0	SEE SHT. E1.1	SEE SHT. E1.2

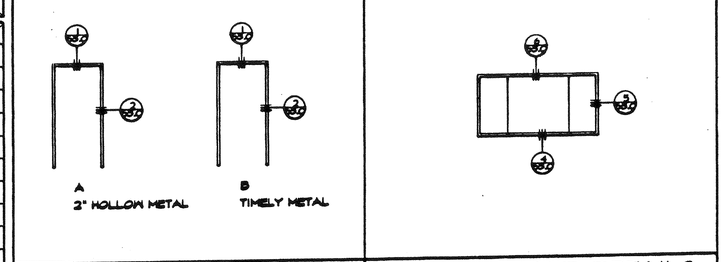
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WINDOW TYPES



DOOR TYPES



DOOR FRAME DETAILS | WINDOW FRAME DETAILS

FRAME, DOOR & GLAZING TYPES

FRAME LEGEND
AL - ALUMINUM
HM - HOLLOW METAL
WF - WELDED FRAME

GLAZING TYPES
1 - 1/4" TEMPERED GRAYLITE GLAZING
2 - 1/8" TEMPERED GRAYLITE GLAZING
3 - CLEAR TEMPERED
4 - SINGLE PANE
5 - DUAL PANE

DOOR LEGEND
STL - 18GA STEEL DOOR
SCH - SOLID CORE WOOD

D.S.A.
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 - 101055
AC ✓ FLS ✓ SS
DATE JUN 15 2000

D.S.A.
NOTICE
04 101966
DATE MAR 2 2000

STRUCT. ENGINEER
LICENSE EXPIRES 6-30-2000

ARCHITECT

CHANGE ORDER

CHECKED BY

AURORA MODULAR INDUSTRIES
18633 Krameria Ave., Riverside, CA. 92504
Phone (909) 788-2136
Fax (909) 788-2138

RELOCATABLE BUILDING FOR:
WILLIAMS SCOTSMAN INC.

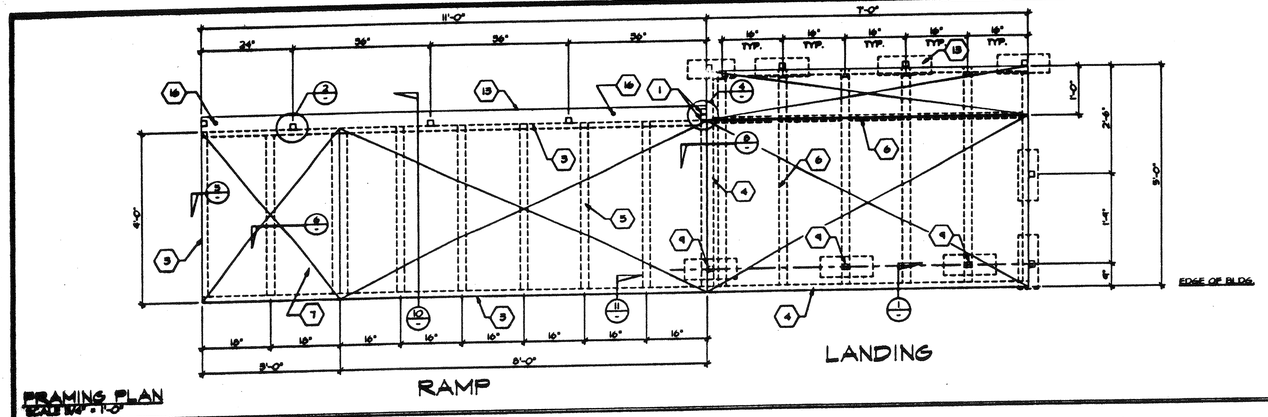
DOOR SCHEDULE
WINDOW SCHEDULE
FINISH SCHEDULES

BY AH DATE 2-11-00
SHEET 9
4311

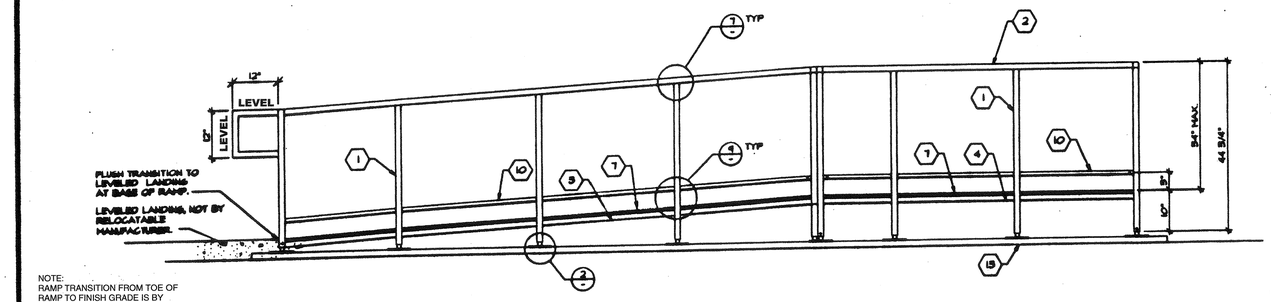
R-50

AGENCY TRACKING NO 83321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120194
AC FLS SS 81
DATE SEP 30 2010



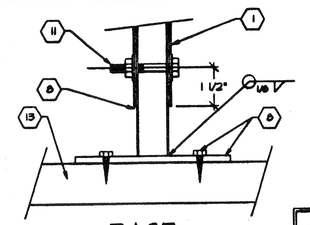
FRAMING PLAN
SCALE 1/4" = 1'-0"



NOTE:
RAMP TRANSITION FROM TOE OF RAMP TO FINISH GRADE IS BY DISTRICT.

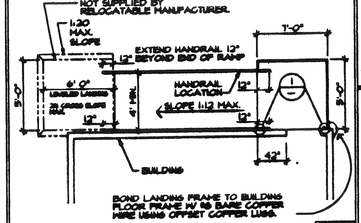
FRONT ELEVATION
SCALE 3/4" = 1'-0"

LANDING TO BUILDING 1

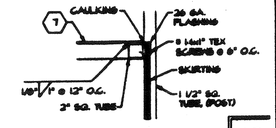


BASE 2

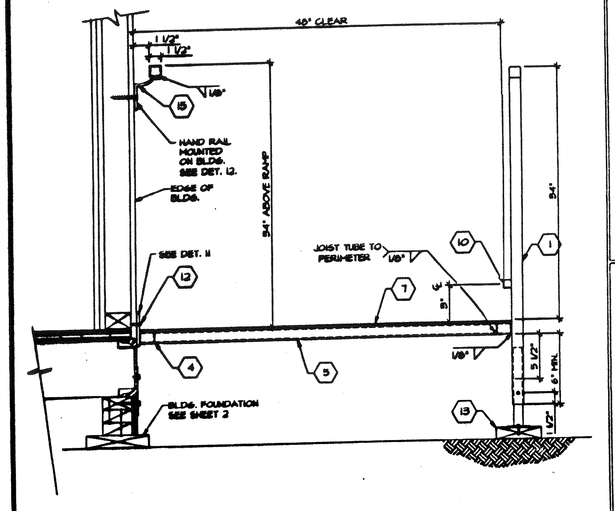
NOTE:
RAMP TRANSITION FROM TOE OF RAMP TO FINISH GRADE IS BY DISTRICT.



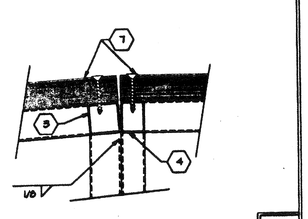
HANDRAIL LOCATIONS 3



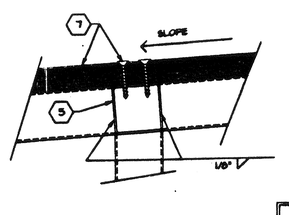
SKIRT FLASHING 13



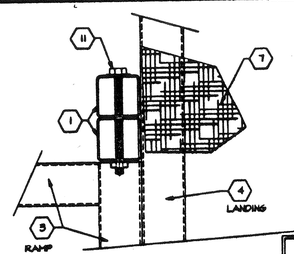
SECTION @ RAMP
SCALE 1/2" = 1'-0"



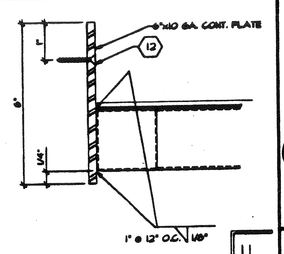
SUPPORT PLATE 8



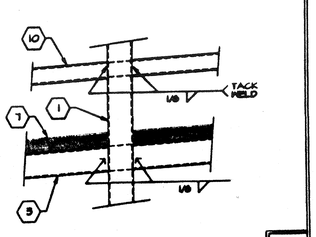
DECK & JOIST CONN. 6



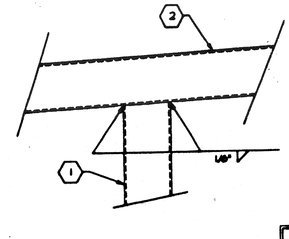
RAMP/LANDING CONN. 4



RAMP TO BUILDING 11



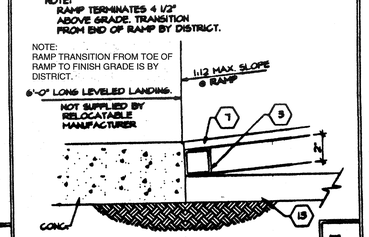
VERTICAL POST CONN. 9



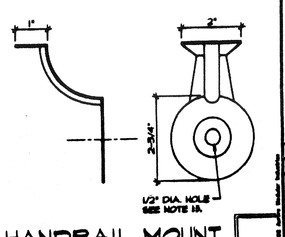
POST TO HANDRAIL 7

NOTE:
RAMP TERMINATES 4 1/2" ABOVE GRADE. TRANSITION FROM END OF RAMP BY DISTRICT.

NOTE:
RAMP TRANSITION FROM TOE OF RAMP TO FINISH GRADE IS BY DISTRICT.



CONC. LANDING TO RAMP 5



HANDRAIL MOUNT

KEYNOTES — CBC 1998

PC

1 UPRIGHT TUBE -
1-1/2"x 1-1/2"x 14 ga. SQUARE TUBE. (fy=24KSI)

2 HANDRAIL TUBE -
1 1/2"x1 1/2"x14 ga. SQUARE TUBE. (fy=24KSI)
(SMOOTH, EASE CORNERS)

3 RAMP PERIMETER TUBE -
2"x2"x14 ga. SQUARE TUBE. (F_y=24KSI)

4 LANDING PERIMETER TUBE -
1-1/2"x 2"x 14 ga. RECTANGLE TUBE
OR 2"x 2"x 14 ga. SQUARE TUBE.

5 RAMP CROSS TUBE -
2"x 2"x 14 ga. SQUARE TUBE.

6 LANDING CROSS TUBE - @ PLYWD. EDGES
2"x 2"x 14 ga. SQUARE TUBE.

7 WOOD DECK-- METAL DECK
3/4" EXTERIOR-GRADE PLYWOOD ATTACH TO SUPPORT TUBES WITH #10 SELF TAP SCREWS AT EACH BEARING. RAMP DECK SHALL HAVE NON SLIP FINISH.

8 ADJUSTABLE LEGS -
1-1/4"x 1-1/4"x 14 ga. SQUARE TUBE WITH 3"x 6"x 1/4" THICK BASE PLATE WELDED TO LEG. BASE PLATE TO HAVE (2) 3/8" HOLES FOR 1/4" LAG BOLTS.

9 - 1-1/2" TUBE STEEL

10 WHEELCHAIR RAIL -
1"x 1" SQUARE TUBE- TACK WELDED TO UPRIGHT MEMBERS.

11 3/8" DIA. MACHINE BOLTS.

12 6"x10 GA. PLATE W/ #14x3" HD. SCREWS AT 4" O.C. INTO STRUCTURAL HOOD MEMBERS OR 6 14ø 1/2" SELF TAP SCREWS AT 12" O.C. INTO STRUCTURAL STEEL MEMBERS.

13 CONT. SILL PL. 2 x 6 P.T.M.F.

14 NOT USED

15 HANDRAIL MOUNTING BRACKET-USE BRACKET WITH 3/8" x4" LAG BOLT TO MEM PER STUD OR BLOCK.

16 DRIVE 1" DIA. x 18" G.I. PIPE AT 10'-0" MAX. DRILL SILL PL. 1-1/2" DIA. MAX. HOLE. PIPE MAY BE DRIVEN AT A MAX. OF 45 DEG. ANGLE W/ VERTICAL.

D.S.A.
04 - 101055
DATE JUN 23 2000

D.S.A.
101966
DATE MAR 2 2000

STRUCT. ENGINEER
LICENSE EXPIRES 6-30-2000

ARCHITECT
No. C-13467
REGISTERED PROFESSIONAL ENGINEER
JACK F. SHIVELY
STATE OF CALIFORNIA
CIVIL

CHANGE ORDER

CHECKED BY

AURORA MODULAR INDUSTRIES
16833 Kramer Ave., Riverside, Ca. 92504
Phone (800) 788-7196
Fax (909) 788-4883

RELOCATABLE BUILDING FOR:
WILLIAMS SCOTSMAN INC.

RAMP PLAN AND DETAILS
METAL (WOOD)

AH DATE 2-11-00

SHEET
R 1.0b

4311

R.50

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019

CBC 1998

PC

D.S.A.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04-101055
AC PF FLS
DATE JAN 26 2004

D.S.A.

04 101966
MAR 2 2004

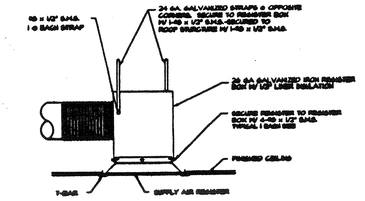
STRUCT. ENGINEER

LICENSE EXPIRES 6-30-

ARCHITECT

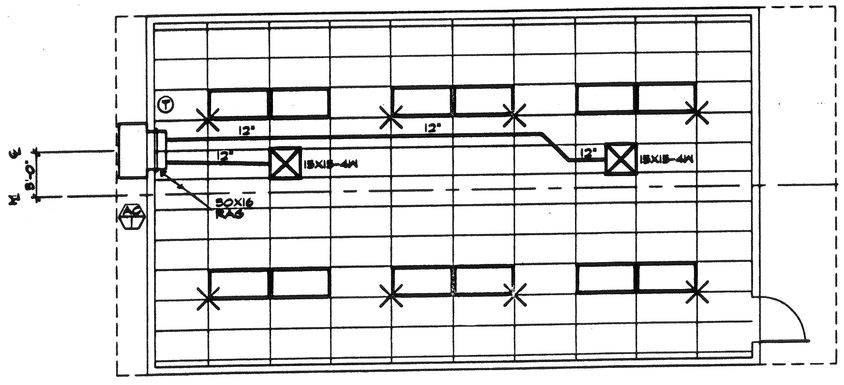
CHANGE ORDER

CHECKED BY



REGISTER BOX DETAIL

N.T.S.



AIR CONDITIONING PLAN VIEW 24'X40' BUILDING

SCALE 1/4"-1'-0"

NOTE:
BUILDING TO BE
OPPOSITE HAND

EQUIPMENT & MATERIAL SCHEDULE

MARVAIR MODEL# AVP42HFAOBNB WALL MOUNTED HEAT PUMP.
42,500 BTUH COOLING, SEER = 10.20
42,500 BTUH HEATING, HSPF = 6.60
1400 CFM NOMINAL @.4"S.P.,WT = 345 LBS.
208/230v-1PH-60CY, MAXIMUM F.L.A. = 48.38 AMPS.
W/FACTORY MOTORIZED DAMPER

SUPPLY AIR PLENUM:GALV. IRON SHEETS W/1" LINER INSULATION

INTERIOR DUCTWORK:FLEX DUCT CLASS 1 UL-181

REGISTER BOXES:GALV. IRON SHEETS W/ 1/2" LINER INSULATION

SUPPLY AIR REGISTERS:KRUEGER '6204-F25' SERIES

RETURN AIR GRILLES:METALAIRE 'RH' SERIES

THERMOSTAT:WHITE RODGERS '1F42 (@ +48" A.F.F.)

ATTACH ALL SUPPLY AND RETURN AIR REGISTERS TO REGISTER BOXES WITH 4-#8x1/2" S.M.S. - ATTACH REGISTER BOX TO ROOF STRUCTURE WITH 2-1 1/2" GALV. STRAPS AT OPPOSITE CORNERS

16833 Kramer Ave, Riverside, CA. 92504
Phone (909) 789-0033
Fax (800) 789-0263
AURORA MODULAR INDUSTRIES

DELOCATABLE BUILDING FOR
WILLIAMS SCOTSMAN INC.

AIR CONDITIONING
PLAN VIEW

BY AH DATE 2-11-00

SHEET

4311

R50

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC. FLS. SS.
DATE SEP 30 2019

ELITE MODULAR

WOOD & CONCRETE FOUNDATIONS PC

ELITE MODULAR LEASING & SALES, INC.
P.O. BOX 78447 CORONA CA 92877
PHONE: 951-422-2500 FAX: 951-943-3074

NOTE:
BELOW STATEMENT APPLICABLE AT W.U.I. AREAS ONLY

FOUNDATION PC TO BE COMPLIANT WITH WILD / URBAN INTERFACE ZONE (WUI)

- EXTERIOR UNDER FLOOR VENTS TO BE FULLY COVERED WITH CORROSION RESISTANT OPENING & NO LESS THAN 1/16". BUT NO MORE THAN 1/8" IN SIZE PER CBC 706A
- EXTERIOR WALLS MUST BE COMPRISED OF NON-COMBUSTIBLE MATERIAL PER CBC 707A
- THE SKIRTING BETWEEN THE FLOOR AND THE GRADE MUST BE CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL PER CBC 707A

NOTE: SEE DETAILS 6, 7, 8 & 9 ON SHEET DWF-01 FOR (WUI) DETAIL REFERENCES

SHEET INDEX

SHT NO.	
CP	COVER PAGE
	WOOD FOUNDATION
WFS-01	STRUCTURAL SPECIFICATIONS - WOOD FOUNDATIONS
WF-04	WOOD FOUNDATION PLAN - 24' x 40' (50+15 PSF)
WF-05	WOOD FOUNDATION PLAN - 28' x 40' (50+15 PSF)
WF-06	WOOD FOUNDATION PLAN - 48' x 40' (50+15 PSF)
WF-07	WOOD FOUNDATION PLAN - 24' x 40' (100 PSF)
WF-08	WOOD FOUNDATION PLAN - 36' x 40' (100 PSF)
WF-09	WOOD FOUNDATION PLAN - 48' x 40' (100 PSF)
WF-10	WOOD FOUNDATION PLAN - 24' x 40' (150 PSF)
WF-11	WOOD FOUNDATION PLAN - 30' x 40' (150 PSF)
WF-12	WOOD FOUNDATION PLAN - 48' x 40' (150 PSF)
WFD-01	WOOD FOUNDATION DETAILS - W.U.I. COMPLIANT OPTIONS
WFD-02	"OPTIONAL" WOOD FOUNDATION DETAILS
	CONCRETE FOUNDATION
CFS-01	STRUCTURAL SPECIFICATIONS - CONCRETE FOUNDATIONS
CFA-01	CONCRETE FOUNDATION PLAN - ABOVE GRADE - WOOD FLOOR
CFA-02	CONCRETE FOUNDATION PLAN - ABOVE GRADE - CONCRETE FLOOR
CFA-D01	CONCRETE FOUNDATION DETAILS - ABOVE GRADE
CFB-01	CONCRETE FOUNDATION PLAN - BELOW GRADE - WOOD FLOOR
CFB-02	CONCRETE FOUNDATION PLAN - BELOW GRADE - CONCRETE FLOOR
CFB-D01	CONCRETE FOUNDATION DETAILS - BELOW GRADE
CFB-D02	FOUNDATION DETAILS - CONCRETE

PREVIOUSLY APPROVED PC A-NUMBERS FOR USE WITH THIS FOUNDATION PC:

BUILDING DATA 24x40 RIGID FRAME

PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
PC-80	09/14/1989	24x40	50/50+20/100#	MODTECH
PC-76	09/19/1992	24x40	50+20#	MODTECH
PC-[illegible]	03/13/1990	24x40	50/50+20#	AURORA
PC 243	09/19/1995	24x40	50+20#	MODTECH
PC 275	08/20/1998	24x40	50/50+20#	MODTECH
PC 282	09/03/1998	24x40	50+20#	MODTECH
PC 04-104736	07/27/2001	24x40	50+20#	MODTECH
PC 04-101419	10/23/1998	24x40	50/50+20#	MODTECH
PC 370	09/12/1999	24x40	50#***+50+20#	MODTECH
PC 105884	12/03/2007	24x40	50+20#	CURRENT/RMI
PC 04-100073	01/15/1998	24x40	50+20#	SMI
PC-359	05/28/1998	24x40	50/50+20/100#	AURORA
PC 04-101244	08/02/1999	24x40	50/50+20/100#	MSI
PC 362	01/20/1998	24x40	50+20#	EBS
PC-350	09/04/1997	24x40	50/50+20#	PACE SETTER
PC 260	05/10/1996	24x40	50/50+20/100+125#	AURORA

REV#1
APPROVED
DIVISION OF THE STATE ARCHITECT
ACS FLS SSS
A# 04-116392 DATE 2/15/2018

BUILDING DATA (EXPANDABLE BLDG SIZES) RIGID FRAME

PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
PC-105135	09/07/2006	24/36/48x40	50/50+20/100#	MODTECH
PC-107557	03/21/2006	24/36/48x40	50/50+20/100+60#	SILVER CREEK
04-103863	03/09/2010	24/36/48x40	50/50+20/100+60#	SILVER CREEK
04-112072	03/29/2011	24/36/48x40	50/50+20/100+60#	SILVER CREEK
PC-4-109619	03/09/2010	24/36/48x120/160	50/50+20/100/125#	SILVER CREEK
PC-4-113147	04/20/2011	24/36/48x120/160	50/50+20/100/125#	SILVER CREEK
PC-4-116037	09/14/2015	24/36/48x120/160	50/50+20/100/125#	SILVER CREEK
PC-4-115888	03/06/2015	24/36/48x120/160	50/50+20/100/125#	SILVER CREEK
PC-4-116103	08/14/2015	24/36/48x120/160	50/50+20/100/125#	SILVER CREEK
PC 243	09/06/1995	24/36/48x40	50/50+20/100#	MODTECH
PC 79	11/06/1992	24/36/48x40	50/50+20/100#	MODTECH
PC 258	04/18/1995	24/36/48x40	50/50+20	MODTECH
PC 266	08/14/1996	24/36/48x40	50/50+20/100#	MODTECH
PC 101268	12/14/1999	24/36/48x40	50/50+20/100#	MODTECH
PC 104681	09/22/2005	24/36/48x40	50/50+20/100#	MODTECH
289	09/19/1997	24/36/48x40	50/50+20#	MODTECH
PC-100335	06/20/2003	24/36/48x40	50/50+20/100#	AURORA
04-101065	06/21/1999	24/36/48x40	50/50+20/100#	AURORA
04-[illegible]	05/25/1999	24/36/48x40	50/50+20/100#	MSI
PC 361	09/04/1997	24/36/48x40	50/50+20/100#	MSI
04-105395	07/26/2004	24/36/48x40	50/50+20/100#	WALDEN
[illegible]	07/24/2018	24/36/48x120/160	50/50+15/100/150#	[illegible]

REV#2
APPROVED
DIVISION OF THE STATE ARCHITECT
ACS FLS SSS
A# 04-116392 DATE 10/17/2018

REV#3
APPROVED
DIVISION OF THE STATE ARCHITECT
ACS FLS SSS
A# 04-116392 DATE 1/24/2019

APPLICABLE CODES

LIST OF 2016 CALIFORNIA CODE OF REGULATIONS

2016 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R.
2016 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
(2015 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2016 CALIFORNIA AMENDMENTS)
2016 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
(2014 NATIONAL ELECTRICAL CODE AND 2016 CALIFORNIA AMENDMENTS)
2016 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
(2015 UNIFORM MECHANICAL CODE AND 2016 CALIFORNIA AMENDMENTS)
2016 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
(2015 UNIFORM PLUMBING CODE AND 2016 CALIFORNIA AMENDMENTS)
2016 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
2016 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
(2015 INTERNATIONAL FIRE CODE AND 2016 CALIFORNIA AMENDMENTS)
2016 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
2013 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
2007 ASME A17.1 (w/A17.1B/CSA B44.1-08 ADDENDA) SAFETY CODE FOR ELEVATORS AND ESCALATORS

ELITE MODULAR
LEASING & SALES, INC.
P.O. BOX 78447
CORONA CA 92877
PHONE: 951-422-2500
FAX: 951-943-3074

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ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH ELITE MODULAR Inc. Inc SHALL BE THE PROPERTY OF ELITE MODULAR Inc.

PROJECT NAME:

SHEET TITLE:
COVER SHEET

ARCHITECT OF RECORD
SUBMISSION DATE

DATE SIGNED
NOV 08 2017

PROJECT SPECIFIC STATE AGENCY APPROVAL

ORIGINAL PC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04-116392
AC. FLS. SS.
DATE NOV 1 8 2017

REVISIONS
ADDED PC's 280 & 04-116668 TO LIST

PROJECT NO:
DRAWN BY: Y.C.
SCALE: AS NOTED
DATE: APRIL 25, 2017
SHEET NUMBER
CP

R5D

SPECIFICATIONS
RELOCATABLE CLASSROOMS

CARPENTRY:

1. SCOPE OF WORK: CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO INSTALL CARPENTRY
2. WORKMANSHIP:
   A. FRAMING: SECURELY NAILED, BRIDGED AND BLOCKED TO FORM RIGID STRUCTURE, WORK CUT, FITTED AND ASSEMBLED LEAVE, PLUMBING AND TRUE LINE. TRIM IN AS LONG LENGTHS AS POSSIBLE WITH ALL STANDING TRIM IN ONE PIECE. TRIM SEALED AT ALL EDGES.

   B. NAILING: IN ACCORDANCE WITH THE TITLE 24 CCR-TABLE 2304.10.1 NAILS SHALL BE CORROSION RESISTANT BOX NAILS.

   C. MACHINE APPLIED NAILING SHALL HAVE PRIOR DEMONSTRATION AND APPROVAL BY DSA FIELD INSPECTOR AND THE ARCHITECT. THE APPROVAL IS SUBJECT TO CONTINUOUS SATISFACTORY PERFORMANCE. PLYWOOD SHALL HAVE A MINIMUM THICKNESS OF 3/8". IF NAIL HEADS PENETRATE THE OUTER PLY MORE THAN WOULD BE NORMAL FOR A HAND HAMMER OR IF MINIMUM ALLOWABLE EDGE DISTANCES ARE NOT MAINTAINED, THE PERFORMANCE WILL BE DEEMED UNSATISFACTORY.

   D. TRIM: SEALED AT ALL EDGES. SEALANT PAINTED TO MATCH TRIM OR SIDING.

MATERIAL SPECIFICATIONS:

1. STRUCTURAL FRAMING SHALL BE HEM FIR-I ARCH GRADED IN ACCORDANCE WITH THE STANDARD GRADING RULES OF THE WESTERN WOOD PRODUCTS ASSOCIATION OR STANDARD GRADING RULES NO. 16 OF THE WEST COAST LUMBER INSPECTION BUREAU, LATEST EDITIONS. GRADES SHALL BE AS OF FOLLOWS UNLESS NOTED OTHERWISE ON THE DRAWINGS. (HEM FIR SOUTH IS NOT ALLOWED) EACH PIECE SHALL BE GRADE MARKED AND NO PIECE MAY FALL BELOW GRADES INDICATED. ALL FRAMING EXCEPT AS NOTED HEM FIR #2.
2. PLYWOOD SHALL BE AS SHOWN ON THESE DRAWINGS WITH EXTERIOR GLUE IN ACCORDANCE WITH U.S. PRODUCT STANDARD PS 1-07. ALL PANELS SHALL BE MARKED WITH AN APA GRADE MARK WITH AN IDENTIFICATION INDEX AS SHOWN ON DRAWINGS. USE 4'X8' PANELS- MINIMUM, EXCEPT AT BOUNDARIES AND AT FRAMING CHANGES WHERE MINIMUM PANEL DIMENSION SHALL BE 24" AT ROOFS AND FLOORS AND 12" AT WALLS.
3. BOLTS FOR TIMBER CONNECTIONS SHALL CONFORM TO SNAI/ASME STANDARD B18.2.1-2012 & 2015 EDITION OF NDS (THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION BY THE NATIONAL FOREST PRODUCTS ASSOCIATION) BOLTS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENT OF 2015 NDS.
   BOLT HOLES SHALL BE 1/32 TO 1/16 INCH LARGER THAN BOLD DIAMETER. BOLTS SHALL BE FULL BODY WITH MINIMUM YIELD STRENGTH OF 45,000PSI. RE-TIGHTEN BOLTS BEFORE CLOSING IN WORK.
4. LAG SCREWS SHALL BE STEEL AND CONFORM TO ANSI/ASME STANDARDS B18.2.1 AND 2015 NDS. HOLES FOR LAG SCREWS SHANKS SHALL BE BORED THE SAME DEPTH AND DIAMETER AS THE SHANK. THE REMAINING DEPTH OF PENETRATION OF THE SCREW SHALL BE BORED TO 70% OF THE SHANK DIAMETER. OR QUARTER INCH (1/4") DIAMETER LAG SCREWS NEED NOT HAVE PRE-DRILLED HOLES IF IT CAN BE SHOWN THAT WOOD MEMBERS ARE NOT DAMAGED DURING INSTALLATION. PROVIDE FULL DIAMETER BODY LAG SCREWS WITH BENDING YIELD STRENGTHS PER TABLE 11J IN NDS.
5. PROVIDE MALLEABLE IRON WASHERS OR EQUIVALENT CUT PLATE WASHERS (NOT LESS THAN A STANDARD CUT WASHER) UNDER NUTS AND BOLT OR LAG SCREWS HEADS WHICH BEAR ON WOOD.
6. WOOD SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.6.1 AND THE REQUIREMENTS OF THE 2015 NDS. GALVANIZED OR OTHER CORROSION RESISTANT COATING WHERE EXPOSED TO WEATHER OR USED IN FOUNDATIONS. SCREWS SHALL BE STEEL WITH CUT THREADS AND BENDING YIELD STRENGTHS PER TABLE 11L IN NDS.
7. WOOD MEMBERS SHALL BE CUT OR NOTCHED ONLY AS SHOWN ON STRUCTURAL DRAWINGS.
8. WHEN REQUIRED NAILING TENDS TO SPLIT WOOD MEMBERS, NAIL HOLES SHALL BE PRE-BORED TO 3/4 OF THE NAIL DIAMETER.
9. STRUCTURAL NAILING SHALL BE WITH BOX NAILS PER ALL REQUIREMENTS OF 2015 NDS. NAILING NOT SPECIFICALLY INDICATED SHALL COMPLY WITH CCR TITLE 24, PART 2, TABLE 2304.10.1 ALL NAILS SHALL BE GALVANIZED OR OTHER CORROSION RESISTANT COATING WHERE EXPOSED TO WEATHER, IN FOUNDATIONS AND AS NOTED ON PLANS. PER THE REQUIREMENTS OF CCR TITLE 24. PAR2, WITH MINIMUM BENDING YIELDS PER TABLE 11N IN NDS. (SEE NAIL EQUIVALENCE BELOW)
10. NAIL EQUIVALENCE:
    (PROVIDE MINIMUM NAIL LENGHTS AS REQUIRED FOR SPECIFIED PENETRATION, TYPICAL: U.N.O)

    6D EQUALS .113" DIA - PROVIDE 1.36" MINIMUM POINT PENETRATION
    8D EQUALS .131" DIA - PROVIDE 1.57" MINIMUM POINT PENETRATION

11. PRESSURE PRESERVATIVE TREATMENT SHALL BE PER SECTION 2303.1.9. CCR TITLE 24, PART 2. PROVIDE QUALITY MARK ON AL TREATED FOUNDATION MEMBERS THAT COMPLY WITH CBC 2303.1.9.1. ALL FOUNDATION MEMBERS SHALL BE MARKED AS "FOR GROUND CONTACT" OR "FOR ABOVE GROUND USE" AS APPROPRIATE. PRESSURE TREATED MATERIAL SHALL COMPLY WITH AWPA STANDARD U1 AS REQUIRED BY CBC 2303.1.9 TREAT ALL CUT ENDS OF PRESSURE TREATED MEMBERS WITH AN APPROVED PRESERVATIVE. (WILLARD WB COOPER GREEN 2X OR AN APPROVED EQUIVALENT) WHERE NOTED MEMBERS BELOW THE SUB FLOOR THAT ARE NOT A PART OF THE FOUNDATION SHALL BE PRESSURE TREATED.
12. ONLY MATERIALS IN CONTACT WITH THE GROUND NEEDS TO BE PRESSURE TREATED, ALL OTHER FOUNDATION LUMBER CAN BE DF OR HF#2 OR EQUAL.
13. IF MACHINE NAILING IS UTILIZED FOR THIS PROJECT, CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF CCR TITLE 24, PART 2. MACHINE NAILING IS SUBJECT TO APPROVAL BY THE STRUCTURAL ENGINEER OR ARCHITECT AND THE DIVISION OF THE STATE ARCHITECT.
14. FASTENERS FOR PRESSURE-PRESERVATIVE TREATED AND FIRE-RETARDANT TREATED WOOD SHALL COMPLY WITH SECTION 2304.10.5 OF CBC.
15. NAILS AND SPIKES USED IN WET OR EXTERIOR LOCATIONS SHALL COMPLY WITH SECTION 2304.10.5 OF CBC
16. SHIM MATERIAL SHALL BE PLYWOOD CD EXP 1 OR EQUAL (NOT PRESSURE TREATED)
17. USE LUMBER IN GOOD CONDITION IS ACCEPTABLE FOR USE IN FOUNDATION SYSTEM
18. TIE PLATES SHALL FONFORM TO A-1011 GRADE 33.

SITE INSTALLATION REQUIREMENTS FOR DSA CLASSROOM BUILDINGS:

IN THE CASE OF EQUIPMENT LOCATED IN THE STATE OF CALIFORNIA, THE LESSEE (SCHOOL DISTRICT) IS RESPONSIBLE FOR THE SITE BEING CLEARED (FREE OF GRASS, TREES, SHRUBS, ETC) AND GRADED TO WITHIN 4 1/2" OF LEVEL GRADE FOR EACH BUILDING. IF THE SITE EXCEEDS THE 4 1/2" LEVEL GRADE REQUIREMENT ADDITIONAL COSTS MAY BE CHARGED TO LESSEE.

UNDER NO CIRCUMSTANCES SHOULD THE SITE BE GREATER THAN 9" FROM LEVEL GRADE OR HAVE LESS THAN 1000 PSF MINIMUM SOIL BEARING PRESSURE.

PRIOR TO DELIVERY, THE LESSEE SHALL MARK THE FOUND CORNERS OF THE BUILDING ON THE SITE, INCLUDING DOOR LOCATION. SHOULD SPECIAL HANDLING BE REQUIRED TO EITHER PLACE, INSTALL OR RELOCATE THE CLASSROOM ON THE LESSEE'S SITE DUE TO SITE OBSTRUCTION SUCH AS FENCING, LANDSCAPING, OTHER CLASSROOMS, ETC. ADDITIONAL COST WILL BE CHARGED TO LESSEE

SITE INSTALLATION REQUIREMENTS FOR DSA CLASSROOM BUILDINGS:

1. PROVIDE ELECTRICAL GROUND TEST PER DSA IR E-1
2. FIELD WELDING FOR WELDING TIE PLATE OPTION. (IF USED, REQUIRES TEST AND INSPECTION)

   THE EXAMPLE FORM DSA 103'S SHOWN ON THIS SHEET ARE FOR ILLUSTRATION PURPOSES ONLY. A FORM DSA 103 IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING INCORPORATED INTO AND ALL EXAMPLE FORM DSA 103'S ARE TO BE CROSSED OUT ON THIS DRAWING.

3. NO OTHER TEST AND INSPECTIONS ARE REQUIRED.

GENERAL REQUIREMENTS:

1. THE REQUIREMENTS OF THE GENERAL CONDITIONS OF THE AGREEMENT AND THESE GENERAL REQUIREMENTS APPLY TO THE SEVERAL TRADE SECTIONS WITH THE SAME FORCE AS THOUGH FULLY REPEATED IN EACH SECTION.
2. NAME BRANDS ARE INDICATED TO ESTABLISH A STANDARD OF QUALITY ITEMS OF EQUAL OR BETTER QUALITY MAY BE SUBSTITUTED FOR THE LISTED BRAND NAME PRODUCTS

SCOPE OF WORK:

1. THE WORK CONSISTS OF INSTALLING ON-SITE MODULAR RELOCATABLE BUILDINGS AS DEFINED HEREIN, SHOWN AND DETAILED ON THE DRAWINGS
2. ALL REQUIREMENTS OF CCR (CALIFORNIA CODE REGULATION) TITLE 19 AND 24 RELATING TO INSPECTIONS AND VERIFIED REPORTS SHALL BE COMPLIED WITH AND SHALL INCLUDE:

A. GENERAL RESPONSIBLE CHARGE OF FIELD ADMINISTRATION BY THE ARCHITECT OF RECORD.

B. INSPECTION DURING THE COURSE OF CONSTRUCTION BY AN INSPECTOR APPROVED BY DSA (DIVISION OF THE STATE ARCHITECT) AND THE DISTRICT ARCHITECT. THE INSPECTOR SHALL BE RESPONSIBLE FOR AND APPROVED TO INSPECT THE GENERAL CONSTRUCTION, WELDING, MECHANICAL AND ELECTRICAL WORK, COST OF THESE INSPECTIONS SHALL BE BORNE BY THE SCHOOL DISTRICT.
C. ON SITE INSPECTION OF THE BUILDING INSTALLATION, ELECTRICAL AND UTILITY OF THE BUILDING INSTALLATION OR CONNECTION BY AN INSPECTOR APPROVED BY THE DSA AND RETAINED BY THE SCHOOL DISTRICT.
D. OTHER SPECIAL TEST OR INSPECTIONS AS MAY BE REQUIRED BY DSA COST OF THESE INSPECTION TEST SHALL BE BORNE BY THE SCHOOL DISTRICT

WORK NOT INCLUDED:

1. ALL ON SITE OR OFF SITE UTILITIES AND THE CONNECTION OF THEM TO THE BUILDING UNLESS INDICATED ON THE DRAWINGS
2. ALL LEVELING, GRADING OR OTHER SITE PREPARATION (EXCEPT CONCRETE OR WOOD LEVELING STRIPS, WHERE REQUIRED) UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
3. FIRE ALARM SYSTEM, PROGRAM BELL, LOCK, PUBLIC ADDRESS SYSTEM, INTERCOM SYSTEM, TV SYSTEM, COMPUTER DATA OR ANY OTHER LOW VOLTAGE SYSTEM, UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR THE LEASE AGREEMENT.

ACCESSIBILITY OF SITE:

THE SCHOOL DISTRICT SHALL PROVIDE ACCESS TO THE SITE FOR THE INSTALLATION OF THE BUILDING. REMOVAL OF TREES, SHRUBS, FENCING, SPRINKLERS, ETC. NECESSARY FOR MOVE-IN AND REMOVAL OF THE BUILDINGS SHALL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT.

SITE ASSEMBLY:

1. SCOPE OF WORK: CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO PREPARE THE BUILDING ELEMENTS, TRANSPORT THEM FROM PLANT TO THE SITE AND COMPLETE THE ASSEMBLY AT THE SITE.
   THE CONDITION OF THE SITE, SUCH AS DRAINAGE AND SOIL BEARING CAPACITY, SHALL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT AND THE ARCHITECT ARCHITECT.

2. ASSEMBLY OF ELEMENTS:
A. IN A LOCATION ON THE SITE AS DETERMINED BY THE DISTRICT ARCHITECT. THE CONTRACTOR SHALL PLACE THE FOUNDATION AS DETAILED ON THE DRAWINGS.
B. THE ELEMENTS SHALL BE BROUGHT TO THE SITE ON A WHEEL ASSEMBLY AND TRANSFERRED TO THE PREPARED SITE. GREAT CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE ELEMENTS BY RACKING OR BUMPING.
C. CONNECTION OF THE ELEMENTS TOGETHER SHALL BE DONE ACCORDING TO INSTRUCTIONS ON THE DRAWINGS. FLASHING, TRIM AND OTHER LOOSE ITEMS SHALL BE INSTALLED PER PLANS AND DETAILS OF THE ORIGINAL BUILDING MANUFACTURER'S DRAWINGS.

DESIGN DATA:

FLOOR LIVE LOAD = 50 PSF, 50+20 PSF PARTITIONS, 100 PSF
ROOF LIVE LOAD = 20 PSF REDUCIBLE FOR TRIBUTARY AREA
WIND SPEED = 120 MPH (V) (3 SECOND GUST), Kzt = 1.0, I = 1.0
SNOW LOAD = PROJECT IS NOT LOCATED IN A SNOW REGION
BUILDING CODES = 2015 IBC AND 2016 CBC

SEISMIC DESING DATA:

BASIC SEISMIC FORCE RESISTING SYSTEM = STEEL MOMENT FRAME
ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE
SEISMIC DESIGN CATEGORY = E (PER CBC SECTION 1613A.3.5)

MOMENT FRAME PC'S:

DESIGN BASE SHEAR: 24X40 BUILDING = 9460 # (ROOF, FLOOR, WALLS & PARTITIONS)
36X40 BUILDING = 14190 # (ROOF, FLOOR, WALLS & PARTITIONS)
48X40 BUILDING = 18920 # (ROOF, FLOOR, WALLS & PARTITIONS)

I: = 1.0 Cd = 0.497 R: = 3.5 SITE CLASS = D
Ss =3.73 MAPPED VALUE MAX / 0.75 Ss = 2.611 (FOR DESIGN VALUE MAX)
SDS =1.74 (SITE SPECIFIC DOCUMENTATION JUSTIFYING SDS SHALL BE SUBMITTED TO DSA PRIOR TO APPROVAL)
S1 =1.389 SD1 = 1.389
RISK CATEGORY = II

FLOOD DESIGN DATE:

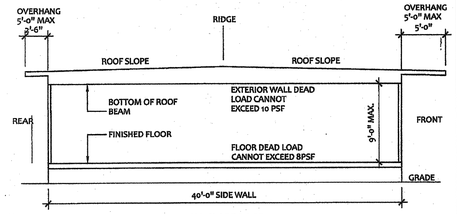
PROJECT IS NOT LOCATED IN A FLOOD ZONE

SOIL BEARING:
ALLOWABLE SOIL BEARING = 1,000 PSF

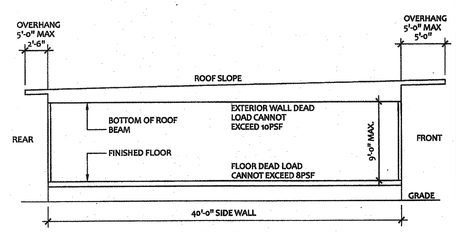
LIMITATIONS FOUNDATION PC ONLY:

FOUNDATION ONLY PC IS DESIGNED TO SUPPORT THE SUPERSTRUCTURE FOR THE RELOCATABLE BUILDINGS AS LISTED ON THIS DRAWING.

THE DESIGN CALCULATIONS ARE BASED ON THE FOLLOWING:
1. DAS APPROVED STOCKPILE BUILDINGS
2. ROOF OVERHANGS OF 5'-0" MAXIMUM
3. SINGLE SLOPE OR DUAL SLOPE BUILDINGS
   WALL HEIGHT: 9'-0" MAXIMUM ON DUAL SLOPE BUILDINGS.
   WALL HEIGHT: 10'-4" MAXIMUM ON SINGLE SLOPE BUILDINGS.
   (HEIGHT DETERMINED FROM FINISH FLOOR IN BUILDING TO BOTTOM OF STEEL ROOF STRUCTURE: BEAMS OR ROOF HEADERS)
4. WALL DEAD LOAD OF 10PSF (NOT STUCCO)
5. FLOOR DEAD LOAD OF 8PSF



DUAL SLOPE ROOF
NTS



MONO SLOPE ROOF
NTS

TYPICAL ELEVATIONS ARE SHOWN TO CLARIFY FOUNDATION PC ONLY LIMITATIONS DOCUMENTATION SHALL BE PROVIDED BY ENGINEER OR GENERAL RESPONSIBLE CHARGE TO BE REVIEWED AND APPROVED BY THE DSA STRUCTURAL PLAN REVIEWER

DSA — DEPARTMENT OF GENERAL SERVICES

DSA-103 rev 07/2016
Listing of Structural Tests & Special Inspections - 2016 CBC

INCREMENT #
DSA File No.:
Application No.:
Date Submitted:
Revised:
Revised:

School Name | District

IMPORTANT: This form is only a summary list of structural tests and some of the special inspections required for the project. Generally, the structural tests and special inspections noted on this form are those that will be performed by the Geotechnical Engineer of Record, Laboratory of Record, or Special Inspector. The actual complete test and inspection program must be performed as detailed on the DSA approved documents. The appendix at the bottom of this form identifies work NOT subject to DSA requirements for special inspection or structural testing. The project inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A.
NOTE: This form is also available for projects submitted for review under the 2007 and 2010

INSTRUCTIONS: Click a plus sign (+) before any category or subcategory to reveal additional tests and special inspections. A shaded bar indicates a test or special inspection that may be required, depending on the scope of the construction and other issues. A shaded box can be clicked indicating your selection of that test. Note: A minus (-) on a category or subcategory heading indicates that it can be collapsed. However, any selections you may have made will be cleared. Click on the "COMPILE" button to show only the tests and inspections finally selected. For more information on use of this form, see DSA-103.INSTR.

Note: References are to the 2013 edition of the California Building Code (CBC) unless otherwise noted.

Required	TEST OR SPECIAL INSPECTION	Test	Performed By	CODE REFERENCE AND NOTES
+	SOILS			
+	CONCRETE			Table 1705A.3
+	MASONRY			TMS 402-11/ACI 530-11/ASCE 5-11 Table 1.19.3
+	STEEL, ALUMINUM			Table 1705A.2.1
+	20. NONDESTRUCTIVE TESTING:			
+	21. STEEL JOISTS AND TRUSSES:			
+	22. SPRAY APPLIED FIRE-PROOFING:			
+	23. ANCHOR BOLTS, ANCHOR RODS, & OTHER STEEL:			
+	WOOD			
+	OTHER			

List of required verified report(s):

KEY to Columns	
1 Type -	2 Performed By -
Continuous – Indicates that a continuous special inspection is required	GEI – Indicates that the special inspection is to be performed by a registered geotechnical engineer or his or her authorized representative
Periodic – Indicates that a periodic special inspection is required	LOR – Indicates that the test or inspection is to be performed by a testing laboratory accepted in the DSA Laboratory Evaluation and Acceptance (LEA) Program. See section 4-335, 2013 CCR Title 24, Part 1.
Test – Indicates that a test is required	SI – Indicates that the special inspection is to be performed by a special inspector

AGENCY TRACKING NO. 63321-355
FILE NO 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS 21
DATE SEP 30 2019

ELITE MODULAR
LEASING & SALES, INC.
P.O. BOX 78447
CORONA CA 92877
PHONE: 951-422-2500
FAX: 951-943-3074

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ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH ELITE MODULAR Inc. Inc SHALL BE THE PROPERTY OF ELITE MODULAR Inc.

PROJECT NAME:

SHEET TITLE:
STRUCTURAL SPECIFICATIONS WOOD FOUNDATIONS

ARCHITECT OF RECORD
SUBMISSION DATE
JAMES T. SUGIYAMA
No. C-33487
REN: 01-31-2019
LICENSED ARCHITECT
STATE OF CALIFORNIA
DATE SIGNED
NOV 08 2017
LICENSE EXPIRES 6-30-19

PROJECT SPECIFIC STATE AGENCY APPROVAL

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (PC) DOCUMENT A SEPARATE PROJECT APPLICATION AND CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04-116392
AC FLS SS 2
DATE NOV 1 4 2017

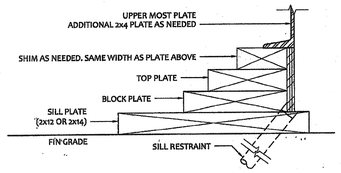
REVISIONS
1 2 3 4 5 6 7

PROJECT NO:
DRAWN BY: Y.C.
SCALE: AS NOTED
DATE: APRIL 25, 2017
SHEET NUMBER
WFS-01

R50

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

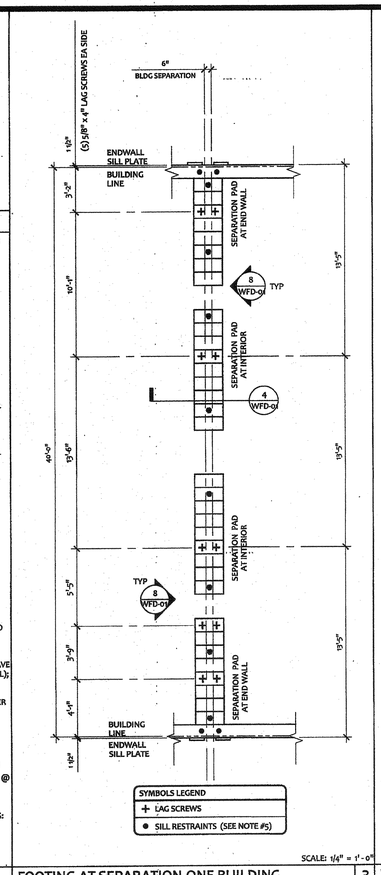
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
08-120134
AC FLS SS 01
DATE SEP 30 2019



FOUNDATION PLATE DESCRIPTION

1. BUILDINGS OVER 2160 SF, MUST BE INSTALLED ON A PERMANENT CONCRETE FOUNDATION PER IR 16-1.16 SECTION 4
2. FOUNDATION PLAN HAS A 1/4" ADDED AT EACH MODULE LINE AND DOES NOT MATCH THE FLOOR PLAN. ADDITIONAL LENGTH ADDED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULAR FLOORS.
3. FOUNDATION VENTS THAT OCCUR UNDER RAMP LANDINGS, PROVIDE AN EQUAL AREA OF SCREENED VENT IN LANDING SKIRT.
4. WOOD SILL (FOOTING) PLATES SHALL BE PRESSURE TREATED HEM-FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE. GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING BY OTHERS. THE WOOD SILL FOOTING PLATE MAY SUPPORT CONTINUOUS BLOCKING AND SHEATHING SKIRT WHICH NEED NOT BE TREATED.
5. SILL RESTRAINT:
   THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMPS AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES. AN ACCEPTABLE DESIGN WOULD INCORPORATE ONE-INCH DIAMETER STANDARD WEIGHT (.315" ACTUAL O.D.) HOT DIPPED GALVANIZED PIPES OR ONE-INCH DIAMETER SOLID STEEL RODS SPACED AT NOT MORE THAN 10'-0" O.C. ONE PIPE / ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPES / RODS PER DISCONTINUOUS FOUNDATIONS STRIP. PIPES SHOULD PENETRATE INTO SOIL, CONCRETE, AND/OR PAVING A MINIMUM OF 12" MEASURED VERTICALLY. ALTERNATE OR EQUIVALENT DESIGNS, WHEN PROVIDED WITH STRUCTURAL CALCULATIONS AND DETAILS, WILL BE SUBMITTED TO DSA FOR REVIEW AND APPROVAL.
6. STACKED WOOD MEMBERS FOR FOUNDATIONS AND PRESSURE TREATED LUMBER SHALL BE NAILED WITH HOT DIPPED GALVANIZED PER ASTM A-153
7. VENTILATION OPENINGS SHALL BE COVERED FOR EITHER HEIGHT AND WIDTH WITH CORROSION - RESISTANT WIRE MESH, WITH A CLEAR "THROUGH" DIMENSION NOT EXCEEDING 1/8" ACTING AS A VERMIN BARRIER.
8. VENTING CALCULATION REQUIREMENTS FOR MULTIPLE BUILDING SETS MUST BE CALCULATED WITH OVERALL SQUARE FOOTAGE INCLUDING SEPARATION.
9. FOR FOUNDATION ANCHORAGE ON CONCRETE PAD, SEE DETAIL 15/WFD-01:
10. IF OPTIONAL ENDWALL VENTS ARE APPLIED, SILL PLATE AND BLOCK PLATE MUST BE CONTINUOUS. VENT OPENINGS SHALL BE BROKEN ABOVE THE BLOCK PLATE
11. FOR FOUNDATION SPLICE - SEE 5/WFD-01
12. CRAWLSPACE VAPOR RETARDERS (OPTIONAL):
    THE OPTIONAL TOTAL AREA OF VENTILATION OPENINGS IS PERMITTED TO BE REDUCED TO 1/1500 FACTOR WITH AN APPROVED VAPOR RETARDER MATERIAL PER CBC SECTION 1203.3.2(2).
    MATERIALS:
    GROUND SURFACE COVERED WITH AN APPROVED VAPOR RETARDER MATERIAL; MUST HAVE A PERM RATING OF ONE OR LESS; SHOULD BE CONTINUOUS; POLYETHELYNE FILM (≥ 6 MIL); POOL LINER (PUNCTURE RESISTANT); AND POLYETHELYNE FILM WITH RAT SLAB.
    INSTALLATION RECOMMENDATIONS:
    OVERLAP JOINTS BY 6 INCHES; TAPE OR SEAL ALL JOINTS; ATTACH VAPOR RETARDER OVER SILL PLATE PER 10/WFD-01; SEAL TO ALL PIERS AND OTHER PENETRATIONS.
13. ENDWALL VENTS (IF REQ'D) SHALL BE LOCATED A MIN OF 24" FROM BUILDING CORNERS. MAXIMUM ONE ENDWALL VENT PER 12'-0" MODULE
14. CONCRETE FLOOR LOAD IS INCLUDED IN THE CONCRETE FOUNDATION OPTION FOR FOUNDATION & ANCHORAGE DESIGN, I.E. THERE IS NO CONCRETE FLOOR FOR WOOD FOUNDATION OPTION. THERE IS CONCRETE FLOOR FOR CONCRETE FOUNDATION OPTION
15. IF PARAPET IS HIGHER THAN 18". COMBINATION REQUIRES A 2 X 14" OR 2 X 16" SILL PLATE @ EXTERIOR OF BUILDING
16. 150 PSF FLOOR LIVE LOAD OPTION CANNOT BE USED WITH THE STUCCO WALL OPTION
17. VENTS AT MODLINE FOUNDATIONS. THE MINIMUM CRITERIA REQUIREMENT AS FOLLOWS:
    A. VENTS HAVE A MINIMUM OF 2 SILL /BLOCKING PLATES BENEATH.
    B. VENTS ARE A MAXIMUM OF 6" LONG x 3" MIN. HIGH.
    C. VENTS ARE SPACED A MINIMUM OF 8" APART (EDGE TO EDGE) AND 24" MIN. FROM CORNERS.

NOTES



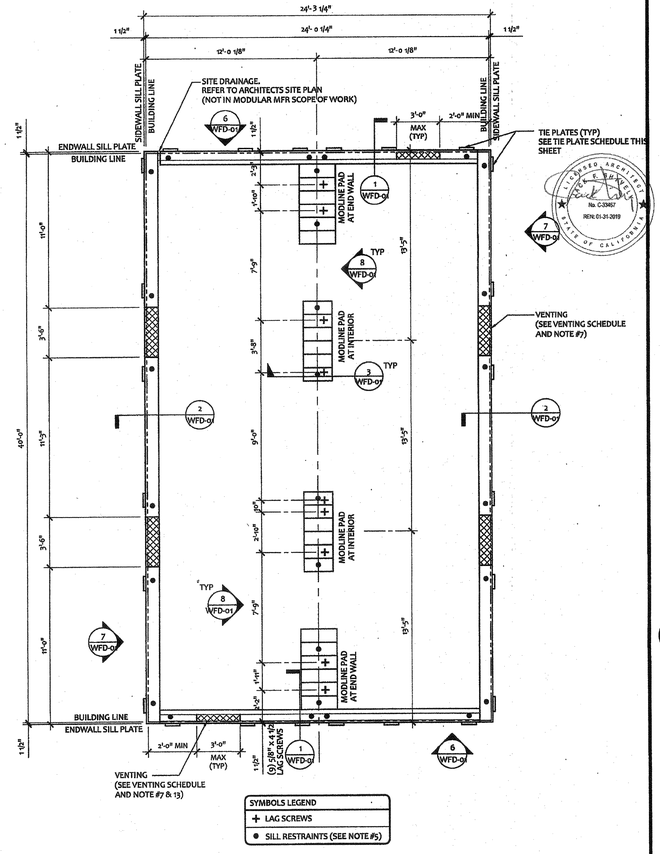
SCALE: 1/4" = 1'-0"

FOOTING AT SEPARATION-ONE BUILDING 3

- ☐ 60'-6" x 40' BUILDING: 2420 SF / 150 = 16.13 SF VENT REQ'D
  (4) - "A" VENT = 5.25 SF
  (10) - "C" VENT = 11.25 SF
  16.5 SF TOTAL VENTILATION (> 16.13 SF)
- ☐ 73'-0" x 40' BUILDING: 2920 SF / 150 = 19.46 SF VENT REQ'D
  (5) - "A" VENT = 5.25 SF
  (12) - "C" VENT = 13.50 SF
  20.06 SF TOTAL VENTILATION (> 19.46 SF)
  (VAPOR BARRIER REQUIRED)
- ☐ 85' x 40' BUILDING: 3400 SF / 150 = 22.66 SF VENT REQ'D
  (6) - "A" VENT = 7.87 SF
  (14) - "C" VENT = 15.75 SF
  23.62 SF TOTAL VENTILATION (> 22.66 SF)
  (VAPOR BARRIER REQUIRED)
- ☐ 97'-6" x 40' BUILDING: 3900 SF / 150 = 26 SF VENT REQ'D
  (7) - "A" VENT = 9.1875 SF
  (16) - "C" VENT = 18.00 SF
  27.18 SF TOTAL VENTILATION (> 26 SF)
  (VAPOR BARRIER REQUIRED)
- ☐ 109'-6" x 40' BUILDING: 4380 SF / 150 = 29.2 SF VENT REQ'D
  (7) - "A" VENT = 9.1875 SF
  (18) - "C" VENT = 20.25 SF
  29.43 SF TOTAL VENTILATION (> 29.2 SF)
  (VAPOR BARRIER REQUIRED)
- ☐ 122'-0" x 40' BUILDING: 4880 SF / 150 = 32.53 SF VENT REQ'D
  (8) - "A" VENT = 10.5 SF
  (20) - "C" VENT = 22.5 SF
  33 SF TOTAL VENTILATION (>32.53 SF)
  (VAPOR BARRIER REQUIRED)

NOTE:
VENTING REQUIREMENTS MAY BE RE-CALCULATED DEPENDING ON GRADE CONDITIONS ON A PER-JOB BASIS

VENTING CALCULATIONS (VARIOUS BLDG. SIZES) 2



FOUNDATION PLAN

SCALE: 1/4" = 1'-0" 1

WOOD FOUNDATION PLATE SCHEDULE - 50 + 15 PSF

PLATES	END WALL	SIDE WALL	MODLINE PAD AT END WALL	MODLINE PAD AT INTERIOR	SEPARATION PAD AT ENDWALL ONE BLDG	SEPARATION PAD AT INTERIOR ONE BLDG
ADDITIONAL TOP PLATE (AS NEEDED)	2x4	2x4	2x6	2x6	2x12	2x12
TOP	2x6	2x6	2x8	2x8	2x12	2x12
BLOCK	2x8	2x8	2x10	2x10	2x12	2x12
SILL	2x12 (2x14)[15]	2x12 (2x16)[15]	(6) 2x12 x 2'-0"	(6) 2x12 x 2'-6"	(7) 2x12 x 2'-0"	(10) 2x12 x 2'-0"

KEY PLAN VENTING SCHEDULE

VENT "A" (SIDEWALL): 3'-6" x 4.5" = 1.3125 S.F. VENTILATION
"VENT OPENING BELOW CONT UPPER PLATE"

VENT "B" (ENDWALL): 3'-0" x 3" = 0.75 S.F. VENTILATION
(OPTIONAL AT MULTIPLE BLDG SETS) "VENT OPENING ABOVE CONT. SILL AND BLOCK PLATE"

VENT "C" (ENDWALL): 3'-0" x 4 1/2" = 1.125 S.F. VENTILATION
(OPTIONAL AT MULTIPLE BLDG SETS) "VENT OPENING ABOVE CONT. SILL AND BLOCK PLATES"

NAILING SCHEDULE

BUILDING SIZE	(2) 16d BOX NAILS PLATE TO PLATE ATTACHMENT BELOW UPPER MOST PLATE
24' x 40'	5" OC AT ENDWALL - 1 / F-0.50 12" OC AT SIDEWALL - 2 / F-0.50 12" OC AT SEPARATION - 4 / F-0.50

VENTING SCHEDULE

BUILDING SIZE	BUILDING AREA	REQ. VENTING	SIDE VENTING	END VENTING	TOTAL VENTING SUPPLIED
24' x 40'	960 SF	6.4 SF (1/150)	3'-6" x 4.5" = (4) 1.3125 SF/EA (5.25 SF TOTAL)	3'-0" x 3" = (1).75 SF/EA (1.5 SF TOTAL)	6.75 SF

TIE PLATE SCHEDULE

BUILDING SIZE	SIDE WALL TIE PLATES	END WALL TIE PLATES	TOTAL NUMBER OF TIE PLATES
24' x 40'	6	6	24

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PROJECT NAME:

SHEET TITLE:
WOOD FOUNDATION PLAN
24X40 (50 & 50+15 PSF)



ENGINEER OF RECORD
EXPIRATION DATE
DATE SIGNED
No. 3602
NOV 08 2017
LICENSE EXPIRES 6-30-18

PROJECT SPECIFIC STATE AGENCY APPROVAL

ORIGINAL PC STATE AGENCY APPROVAL

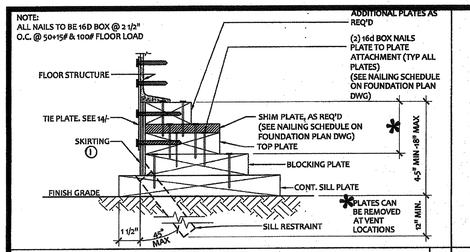
PRE-CHECK (PC) DOCUMENT
CODE cited PC
A BUILDING PERMIT APPLICATION FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04-116392
AC FLS SS
DATE NOV 14 2017

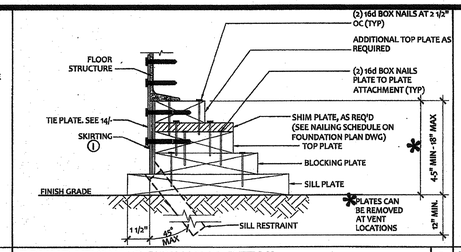
REVISIONS
1 2 3 4 5 6 7

PROJECT NO:
DRAWN BY: Y.C.
SCALE: AS NOTED
DATE: APRIL 25, 2017
SHEET NUMBER
WF-04

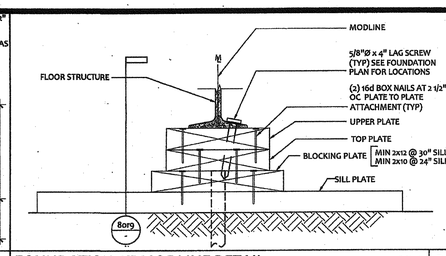
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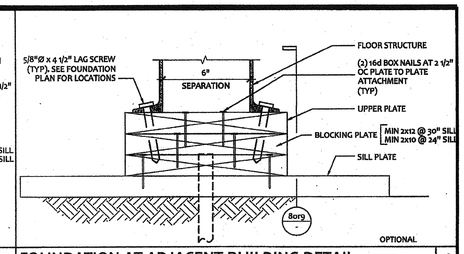
FOUNDATION AT END WALL DETAIL SCALE : 3"=1'-0" 1



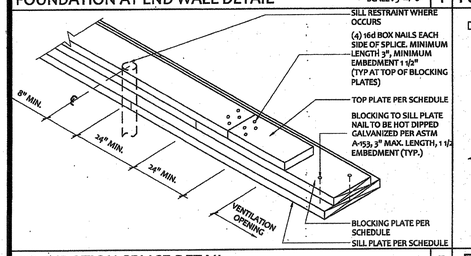
FOUNDATION AT SIDE WALL DETAIL SCALE : 3"=1'-0" 2



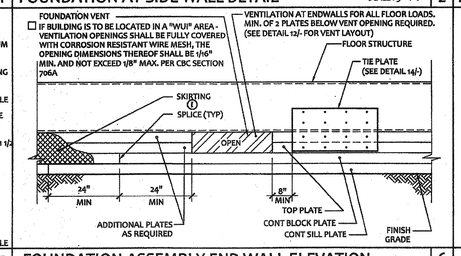
FOUNDATION AT MODLINE DETAIL SCALE : 3"=1'-0" 3



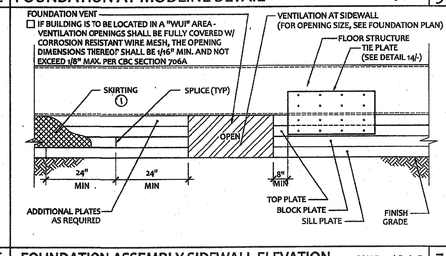
FOUNDATION AT ADJACENT BUILDING DETAIL SCALE : 3"=1'-0" 4



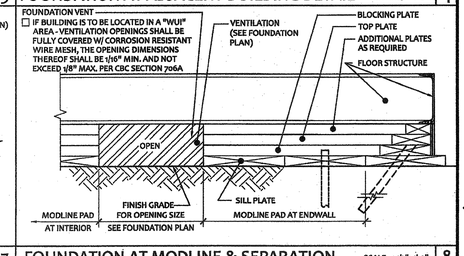
FOUNDATION SPLICE DETAIL SCALE : NTS 5



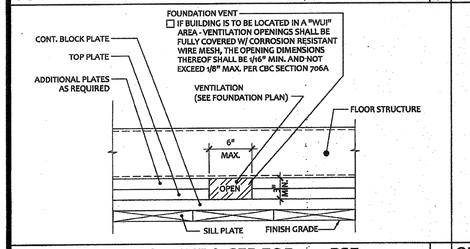
FOUNDATION ASSEMBLY END WALL ELEVATION SCALE : 1 1/2"=1'-0" 6



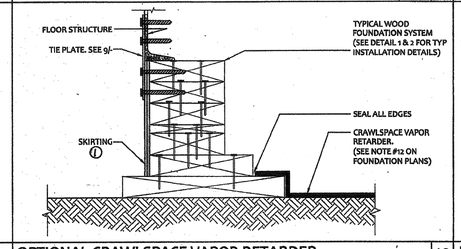
FOUNDATION ASSEMBLY SIDEWALL ELEVATION SCALE : 1 1/2"=1'-0" 7



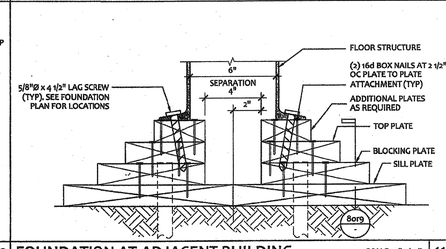
FOUNDATION AT MODLINE & SEPARATION SCALE : 1 1/2"=1'-0" 8



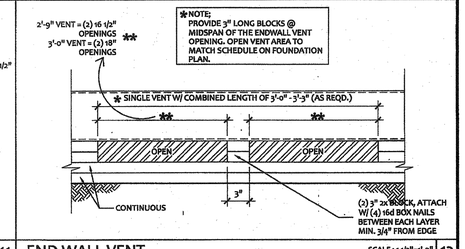
FOUNDATION SPLICE DETAIL SCALE : NTS 5



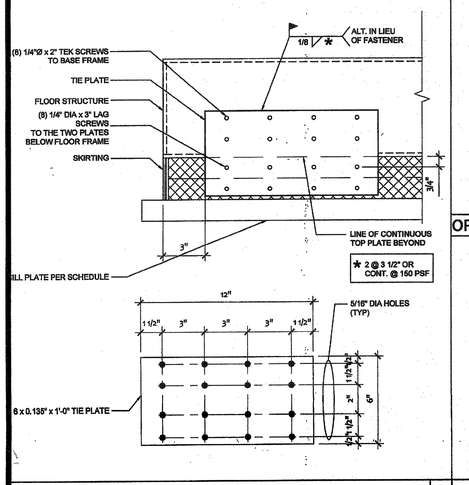
FOUNDATION ASSEMBLY END WALL ELEVATION SCALE : 1 1/2"=1'-0" 6



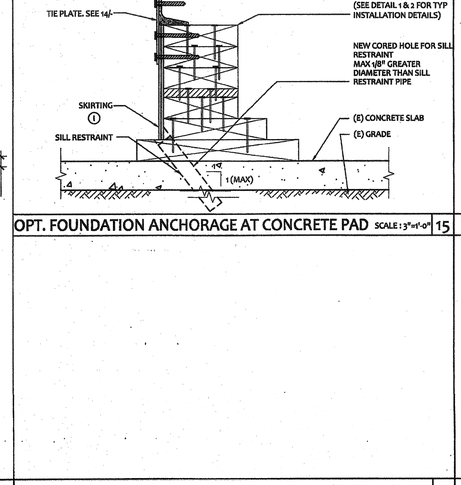
FOUNDATION ASSEMBLY SIDEWALL ELEVATION SCALE : 1 1/2"=1'-0" 7



FOUNDATION AT MODLINE & SEPARATION SCALE : 1 1/2"=1'-0" 8



VENT ELEV. AT MODLINE & SEP FOR 150 PSF SCALE : 3"=1'-0" 9



OPTIONAL CRAWLSPACE VAPOR RETARDER SCALE : 3"=1'-0" 10

FOUNDATION AT ADJACENT BUILDING SCALE : 3"=1'-0" 11

END WALL VENT SCALE : 1 1/2"=1'-0" 12

OPT. FOUNDATION ANCHORAGE AT CONCRETE PAD SCALE : 3"=1'-0" 15

TIE PLATE DETAIL SCALE : 3"=1'-0" 14

① FOR WUI COMPLIANCE - PROVIDE NON-COMBUSTIBLE SKIRTING MATERIAL PER ICC-ES ESR-4856

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019

ELITE MODULAR
LEASING & SALES, INC.
P.O. BOX 78447
CORONA CA 92877
PHONE: 951-422-2500
FAX: 951-943-3074

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PROJECT NAME:

SHEET TITLE:
FOUNDATION DETAILS
WOOD

ARCHITECT OF RECORD
SUPERVISION OVER
No. 38084
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA
DATE SIGNED
NOV 08 2017
LICENSE EXPIRES 6-30-18

PROJECT SPECIFIC STATE AGENCY APPROVAL

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (PC) DOCUMENT
Corrections Not Required
A STAMP IS NOT REQUIRED FOR CONSTRUCTION

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04-116392
AC FLS SS
DATE NOV 14 2017

REVISIONS

PROJECT NO:	
DRAWN BY:	Y.C.
SCALE:	AS NOTED
DATE:	APRIL 25, 2017

SHEET NUMBER
WFD-01

R50

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC. FLS. SS.
DATE SEP 30 2019

AURORA

RELOCATABLE CLASSROOM BUILDINGS

~~24 x 40~~
~~36 x 40~~
~~48 x 40~~

ELITE MODULAR

EML 1073

RELOCATION PACKAGE
FROM STOCKPILE TO SITE SPECIFIC
(x2) 24x40 R.H. DOOR UNITS

S.N.s 37271-72 & 37411-12

FOR BAKERSFIELD CITY SD
BESSIE OWENS PRIMARY

GENERAL NOTES

ALL CONSTRUCTION MATERIAL SHALL COMPLY WITH THE 1995 EDITION OF THE CALIFORNIA BUILDING CODE, CCR TITLE 24, PART 2 (CBC) AND CCR TITLE 24, PART 1, CHAPTER 4, GROUP B (RESIDENTIAL) AND / OR CONFORMING TO THE 1997 UNIFORM BUILDING CODE (UBC) AND ALL OTHER APPLICABLE CODES AND ORDINANCES. NOTE: ALL UBC REFERENCED STANDARDS ARE APPLICABLE AND REQUIRED FOR THIS PROJECT. ALSO REFER TO THE DIVISION OF THE STATE ARCHITECT - STRUCTURAL SAFETY SECTION INTERPRETATION OF REGULATIONS - DSA-IR 23-2 WHERE THESE REGULATIONS ARE DEEMED FOR THE MODIFIED REQUIRED SEISMIC RESISTANT FOUNDATIONS (DSA).

THE CONSTRUCTION SHALL BE RESPONSIBLE FOR THE SAFETY OF THE BUILDING DURING CONSTRUCTION AND SHALL PROVIDE ADEQUATE BRACING AND BRACING DURING CONSTRUCTION. CONSTRUCTION SHALL COMPLY WITH APPLICABLE SAFETY REGULATIONS.

THE CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES AND SHALL CHECK ALL DIMENSIONS. ANY DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT AND BE RESOLVED BEFORE PROCEEDING WITH THE WORK.

TYPICAL DETAILS SHALL APPLY UNLESS SHOWN OTHERWISE ON THE DRAWINGS.

WHERE GIVEN GENERAL NOTES AND TYPICAL DETAILS ARE IN CONFLICT WITH THE SPECIFICATIONS, THESE GENERAL NOTES AND TYPICAL DETAILS SHALL GOVERN.

ALL ELEVATIONS ARE REFERENCED FROM TOP OF FINISH FIRST FLOOR ELEVATION «0'-0"

PRIVATE INSPECTORS, TEST AND REPORTS IN ACCORDANCE WITH THE CCR TITLE 24, PART 1 AND CBC TITLE 24, PART 1, CHAPTER 4, GROUP B.

IN ADDITION TO CONTINUOUS PROJECT INSPECTION, THE FOLLOWING SPECIAL INSPECTIONS SHALL BE REQUIRED PER ATTACHED:
1. IN ACCORDANCE WITH ALL NOTES FOR STRUCTURAL STEEL, PER TITLE 24, PART 2, SECTION 2232(A).
2. INSPECTION FOR CONCRETE AND CONCRETE REINFORCED-BAR PLACEMENT, PER TITLE 24, CCR, PART 1, CHAPTER 4, GROUP 1 AND TITLE 24, PART 2, SECTION 1701.

ALL REQUIRED INSPECTIONS AND TEST ARE THE RESPONSIBILITY OF THE OWNER. ALL REPORTS SHALL BE MADE AVAILABLE AS REQUIRED BY THE TITLE 24, PART 1, CHAPTER 4, GROUP B.

DIMENSIONS AND ELEVATIONS SHOWN ARE APPROXIMATE AND ARE PROVIDED AS AN AID IN INTERPRETING THE STRUCTURAL DRAWING SCALED DIMENSIONS ARE APPROXIMATE. DO NOT SCALE PLANS OR DETAILS.

WHEN MODULE IS RELOCATED- DO NOT RE-DRILL HOLES OR SCREWS IN ESSENTIAL HOLES.

INSULATION FIBERGLASS BATTS, R-19 IN ROOF, R-11 IN WALLS AND R-11 IN FLOOR, PLANS APPROVED- FLAME SPREAD-0-25, SMOKE DEVELOPED, NOT CONTRIBUTED- 0-450, CBC, 1017 (1613 CBC)

ROOFING- THE ROOFING SHALL COMPLY ACCORDING TO TABLE 15-A, 1995 CBC

WHEN BUILDING REQUIRES FIRE BLOCKING, IT SHALL BE REQUIRED FROM BOTTOM OF STEEL TO TOP OF GRADE BEAM BELOW BUILDING.

GENERAL REQUIREMENTS

The ARCHITECT / ENGINEER in general responsible charge shall sign and seal all drawings and specifications.

Changes to the approved drawings and specifications shall be made by an addenda or a change order approved by the Department of the State Architect as required by Section 4-338, Part 1, Title 24, CCR.

All work shall conform to Title 24, California Code of Requirements (CCR)

A project inspector employed by the district (owner) and approved by the Department of the State Architect shall provide continuous inspection of the work. The duties of the inspector are outlined in Section 4-342, Part 1, Title 24, CCR.

An inspector who is specially qualified in mechanical and electrical work will be required for this project.

Grading plans, drainage improvements, road and access requirements and environmental health considerations shall comply with all local ordinances.

FIRE ALARM NOTES

FIRE ALARM SYSTEM REQUIREMENTS

Note: Location of building to comply with chapter 5 - provision for access of fire apparatus, buildings located more than 150' from an approved public road or driveway. Also, access roadway shall be provided when any portion of the building is located more than 150' from the nearest point of access to public street by 20 foot unobstructed right of way.

The standard shall be per D.S.A. policy #19-03

In fire alarm standard, an audible and visual components shall be within minimum distance on site, placement of building may require these components

Fire alarm system shall comply with 1994 UBC w/ 1995 amendments sec. 903 & NFPA 72 1993 edition and part 9, Article 150 California Code of Regulations.

Specify type of system which is being installed in accordance with the above provisions.

Provide floor plan(s) showing locations of all components and a riser diagram. Plans shall provided by architect or responsible person in charge. Not by portable building manufacturer.

Provide On the Marshall listing numbers and manufacturers numbers for every alarm system component.

Provide battery calculations.

Emergency warning devices are required for the hearing impaired per Sec. 1920.1 (a) .

Connect fire alarm into existing fire alarm system. All wiring shall be part of site provision.

Audible shall comply with California and Educational Code for audible signal per T-24 part 9 California Fire Code.

Portable building manufacturer shall provide junction box and empty conduit with pull string for fire alarm. School district will provide their and fire alarm system under their DSA project.

NFPA 13- Automatic Sprinkler Systems,	1994 Edition
NFPA 14- Standpipes Systems,	1996 Edition
NFPA 17A- Wet Chemical Systems,	1994 Edition
NFPA 24- Private Fire Mains,	1995 Edition
(California Amendee) NFPA 72- National Fire Alarm Codes,	1993 Edition
NFPA 253- Critical Radiant Flux of Floor Covering Systems,	1994 Edition
NFPA 2001- Clean Agent Fire Extinguishing Systems,	1996 Edition

APPLICABLE CODES

1995 Building Standards Administrative Code,
Part 1, Title 24 C.C.R.

1995 California Building Code (CBC), Part 2, Title 24 C.C.R.,
(1994 Uniform Building Code volume 1-3 and 1995 California Amendments)

1995 California Electrical Code (CEC), Part 3, Title 24 C.C.R.
(1996 National Electrical Code and 1995 California Amendments)

1995 California Mechanical Code (CMC), Part 4, Title 24 C.C.R.,
(1994 Uniform Mechanical Code and 1995 California Amendments)

1995 California Plumbing Code (CPC), Part 5, Title 24 C.C.R.,
(1994 Uniform Plumbing Code and 1995 California Amendments)

1995 California Fire Code (CFC), Part 9, Title 24 C.C.R.,
(1994 Uniform Fire Code and 1995 California Amendments)

1995 California Referenced Standards Code,
Part 12, Title 24 C.C.R.

1990 Title 19, CCR, Public Safety, state Fire Marshall Regulations

BLDG. DATA (50 LBS STANDARD)

OCCUPANCY	E-1
TYPE OF CONSTRUCTION	V - NON RATED
WIND LOAD	80 mph, EXPOSURE 'C' AS NOTED
SNOW LOAD	30 mph, EXPOSURE 'C' AS NOTED
FLOOR LIVE LOAD	50 lbs/sq. ft. + 20 PART.
ROOF LIVE LOAD	20 lbs/sq. ft.
SYSTEM	RIGID FRAME
MODULES	TWO 12'x 40'
NUMBER	FOUR UNITS
FOUNDATION	WOOD
FOUNDATION	CONCRETE
CONCRETE	2500 PSI @ 28 DAYS
BUILDING DATA	480 sq. ft. (24x40)
BUILDING DATA	1440 sq. ft. (36x40)
BUILDING DATA	1920 sq. ft. (48x40)

BLDG. DATA (50 PSF+20 LBS PARTITIONS OPTION)

OCCUPANCY	E-1
TYPE OF CONSTRUCTION	V - NON RATED
WIND LOAD	80 mph, EXPOSURE 'C' AS NOTED
SNOW LOAD	30 mph, EXPOSURE 'C' AS NOTED
FLOOR LIVE LOAD	50 lbs/sq. ft. + 20 LBS. PARTITIONS
ROOF LIVE LOAD	20 lbs/sq. ft.
SYSTEM	RIGID FRAME
MODULES	TWO 12'x 40'
MODULES	2 - 12'x 40'
NUMBER	FOUR UNITS
FOUNDATION	WOOD
FOUNDATION	CONCRETE
CONCRETE	2500 PSI @ 28 DAYS (2 PIERS)
BUILDING DATA	480 sq. ft. (24x40)
BUILDING DATA	1440 sq. ft. (36x40)
BUILDING DATA	1920 sq. ft. (48x40)

BLDG. DATA (125 PSF OPTION)

OCCUPANCY	E-1
TYPE OF CONSTRUCTION	V - NON RATED
WIND LOAD	70 mph, EXPOSURE 'C' AS SHOWN
SNOW LOAD	30 mph, EXPOSURE 'C' AS NOTED
FLOOR LIVE LOAD	125 lbs/sq. ft.
ROOF LIVE LOAD	20 lbs/sq. ft.
SYSTEM	RIGID FRAME
MODULES	TWO 12'x 40'
MODULES	THREE 12'x 40'
MODULES	FOUR 12'x 40'
FOUNDATION	WOOD
FOUNDATION	CONCRETE
FOUNDATION	PIERS W/ GRADE CONCRETE
BUILDING DATA	480 sq. ft. (24x40)
BUILDING DATA	1440 sq. ft. (36x40)
BUILDING DATA	1920 sq. ft. (48x40)

SYMBOLS LIST

KEYNOTES
DOOR No.
WINDOW TYPE
DETAIL #
SHEET #
ELEVATION #
SHEET #

SHEET INDEX

ARCHITECTURAL

- G.0 ' COVER SHEET, SHEET INDEX, & BUILDING DATA '
- A1.0 ' FLOOR PLANS (24x40)
- A1.1 - A1.3 FLOOR PLANS (36x40)
- A1.4 - A1.6 FLOOR PLANS (48x40)
- A2.0 EXTRIOR ELEVATIONS - HIGH AND GABLE ROOF (24x40)
- A2.1 EXTRIOR ELEVATIONS - HIGH AND GABLE ROOF (36x40)
- A2.2 EXTRIOR ELEVATIONS - HIGH AND GABLE ROOF (48x40)
- A2.3 EXTRIOR ELEVATIONS - HIGH AND GABLE ROOF (24x40) - STUCCO EXTERIOR
- A2.4 EXTRIOR ELEVATIONS - HIGH AND GABLE ROOF (36x40) - STUCCO EXTERIOR
- A2.5 EXTRIOR ELEVATIONS - HIGH AND GABLE ROOF (48x40) - STUCCO EXTERIOR
- A3.0 INTERIOR ELEVATIONS (24x40)
- A3.1 INTERIOR ELEVATIONS (36x40)
- A3.2 INTERIOR ELEVATIONS (48x40)
- A4.0 GABLE ROOF PLANS (24x40, 36x40 & 48x40)
- A4.1 HIGH SLOPE ROOF PLAN (24x40, 36x40 & 48x40)
- A5.0 REFLECTED CEILING PLAN AND DETAILS (24x40)
- A5.1 REFLECTED CEILING DETAILS (36x40)
- A5.2 REFLECTED CEILING PLAN AND DETAILS (48x40)

STRUCTURAL

- S1.1 FOUNDATION PLANS (50PSF 30 LBS LIVE LOAD)
- S1.2 FOUNDATION PLANS (50PSF 30 LBS LIVE LOAD) SEE PC 04-116392
- S1.3 FOUNDATION PLANS (125PSF 30 LBS LIVE LOAD)
- S1.4 FOUNDATION PLAN DETAILS (50 PSF) SEE PC 04-116392
- S1.5 FOUNDATION PLANS (CONC. PIER TO L.L. + ADD'L GRADE)
- S1.6 FOUNDATION PLANS (CONC. PIER TO L.L. + DOUBLE FOOTINGS, ABOVE GRADE)
- S1.7 FOUNDATION PLANS (CONC. PIER TO L.L. + DOUBLE FOOTINGS)
- S1.8 FOUNDATION DETAILS (CONC. PIER TO L.L. + DOUBLE)
- S1.9 FOUNDATION PLANS (CONC. PIER TO L.L. + FLUSH WITH GRADE)
- S1.10 FOUNDATION PLANS (CONC. PIER TO L.L. + DOUBLE FOOTINGS, FLUSH WITH GRADE)
- S1.11 FOUNDATION PLANS (CONC. PIER TO L.L. + FLUSH WITH GRADE)
- S1.12 FOUNDATION PLANS (CONC. PIER TO L.L. + DOUBLE FOOTINGS, FLUSH WITH GRADE)
- S1.13 FOUNDATION PLANS (CONC. PIER TO L.L. + FLUSH WITH GRADE)
- S1.0 BUILDING SECTIONS AND WALL FRAMING - 24x40 GABLE ROOF (WOOD STUDS)
- S1.1 BUILDING SECTIONS AND WALL FRAMING - 36x40 GABLE ROOF (WOOD STUDS)
- S1.2 BUILDING SECTIONS AND WALL FRAMING - 48x40 GABLE ROOF (WOOD STUDS)
- S1.3 BUILDING SECTIONS AND WALL FRAMING - 24x40 HIGH SLOPE ROOF (WOOD STUDS)
- S1.4 BUILDING SECTIONS AND WALL FRAMING - 36x40 HIGH SLOPE ROOF (WOOD STUDS)
- S1.5 BUILDING SECTIONS AND WALL FRAMING - 48x40 HIGH SLOPE ROOF (WOOD STUDS)
- S1.6 BUILDING SECTIONS AND WALL FRAMING - 24x40 GABLE ROOF (STEEL STUDS)
- S1.7 BUILDING SECTIONS AND WALL FRAMING - 36x40 GABLE ROOF (STEEL STUDS)
- S1.8 BUILDING SECTIONS AND WALL FRAMING - 48x40 GABLE ROOF (STEEL STUDS)
- S1.9 BUILDING SECTIONS AND WALL FRAMING - 24x40 HIGH SLOPE ROOF (STEEL STUDS)
- S1.10 BUILDING SECTIONS AND WALL FRAMING - 36x40 HIGH SLOPE ROOF (STEEL STUDS)
- S1.11 BUILDING SECTIONS AND WALL FRAMING - 48x40 HIGH SLOPE ROOF (STEEL STUDS)
- S2.0 TYPICAL DETAILS (WOOD STUDS)
- S2.1 TYPICAL DETAILS (STEEL STUDS)
- S2.2 TYPICAL DETAILS 2-HR WALL (WOOD STUDS)
- S2.3 TYPICAL DETAILS 2-HR WALL (STEEL STUDS)
- S2.4 TYPICAL DETAILS (WOOD STUDS, STUCCO FINISH)
- S2.5 TYPICAL DETAILS (STEEL STUDS, STUCCO FINISH)
- S2.6 TYPICAL DETAILS (WOOD STUDS, BRICK VENEER)
- S3.0 FLOOR FRAMING, ROOF FRAMING & STRUCTURAL ELEVATIONS (GABLE ROOF, 50 MPH)
- S3.1 FLOOR FRAMING, ROOF FRAMING & STRUCTURAL ELEVATIONS (HIGH SLOPE ROOF, 50 MPH)
- S3.2 FLOOR FRAMING, ROOF FRAMING & STRUCTURAL ELEVATIONS (GABLE ROOF, 80 MPH)
- S3.3 FLOOR FRAMING, ROOF FRAMING & STRUCTURAL ELEVATIONS (HIGH SLOPE ROOF, 80 MPH)
- S3.4 CONCRETE FLOOR FRAMING AND DETAILS
- S3.0 STEEL TRUSS SECTION AND DETAILS (GABLE ROOF)
- S3.1 STEEL TRUSS SECTION AND DETAILS (HIGH SLOPE ROOF)
- S4.0 STRUCTURAL DETAILS - BUILT-UP ROOFING (WOOD STUDS)
- S4.1 STRUCTURAL DETAILS - 22 GA. ROOFING (WOOD STUDS)
- S4.2 STRUCTURAL DETAILS - 26 GA. ROOFING (WOOD STUDS)
- S4.3 STRUCTURAL DETAILS - BUILT-UP ROOFING (STEEL STUDS)
- S4.4 STRUCTURAL DETAILS - 22 GA. ROOFING (STEEL STUDS)
- S4.5 STRUCTURAL DETAILS - 26 GA. ROOFING (STEEL STUDS)
- S4.6 STRUCTURAL DETAILS - BUILT-UP ROOFING (STUCCO FINISH, WOOD STUDS)
- S4.7 STRUCTURAL DETAILS - 22 GA. ROOFING (STUCCO FINISH, WOOD STUDS)
- S4.8 STRUCTURAL DETAILS - 26 GA. ROOFING (STUCCO FINISH, WOOD STUDS)
- S4.9 STRUCTURAL DETAILS - BUILT-UP ROOFING (STUCCO FINISH, STEEL STUDS)
- S4.10 STRUCTURAL DETAILS - 22 GA. ROOFING (STUCCO FINISH, STEEL STUDS)
- S4.11 STRUCTURAL DETAILS - 26 GA. ROOFING (STUCCO FINISH, STEEL STUDS)
- S5.0 MISCELLANEOUS FRAMING, SOFFIT FRAMING AND DETAILS
- S5.1 MISCELLANEOUS FRAMING, SOFFIT FRAMING AND DETAILS
- S5.2 MISCELLANEOUS FRAMING, SOFFIT FRAMING AND DETAILS
- S6.0 MECHANICAL ROOF OPENING LAYOUT AND DETAILS

ELECT.

- E1.0 ELECTRICAL POWER & LIGHTING PLAN AND PANEL SCHEDULE (24x40)
- E1.1 ELECTRICAL POWER & LIGHTING PLAN AND PANEL SCHEDULE (36x40)
- E1.2 ELECTRICAL POWER & LIGHTING PLAN AND PANEL SCHEDULE (48x40)

SPECS & PANEL SCHEDULE

- SPECIFICATIONS AND INVOICE INFORMATION
- INTERIOR INTERIOR FINISH SCHEDULE AND DOOR HARDWARE

RAMPS

- RAMP PLAN AND DETAILS (WOOD DECKING)
- RAMP PLAN AND DETAILS (WOOD DECKING)
- RAMP PLAN AND DETAILS (WOOD DECKING)
- RAMP PLAN (METAL DECKING)
- RAMP PLAN AND DETAILS (METAL DECKING)
- RAMP PLAN (WOOD DECKING)
- RAMP PLAN DETAILS (WOOD DECKING)
- RAMP PLAN AND DETAILS (METAL DECKING)

MECH. PLANS

- M1.1 MECHANICAL PLANS (24x40)
- M1.2 MECHANICAL PLANS (36x40)
- M1.3 MECHANICAL PLANS (48x40)

D.S.A.

04-101852

DSA

04 105203

STRUCT. ENGINEER

ARCHITECT

CHANGE ORDER

CHECKED BY

AURORA MODULAR INDUSTRIES
RELOCATABLE BUILDINGS
P.O. BOX 1000, BAKERSFIELD, CA. 93302
(661) 366-7661

G.E. EQUIPMENT LEASING
STOCKPILE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 116392
ACS FLS SS
DATE SEP 30 2019

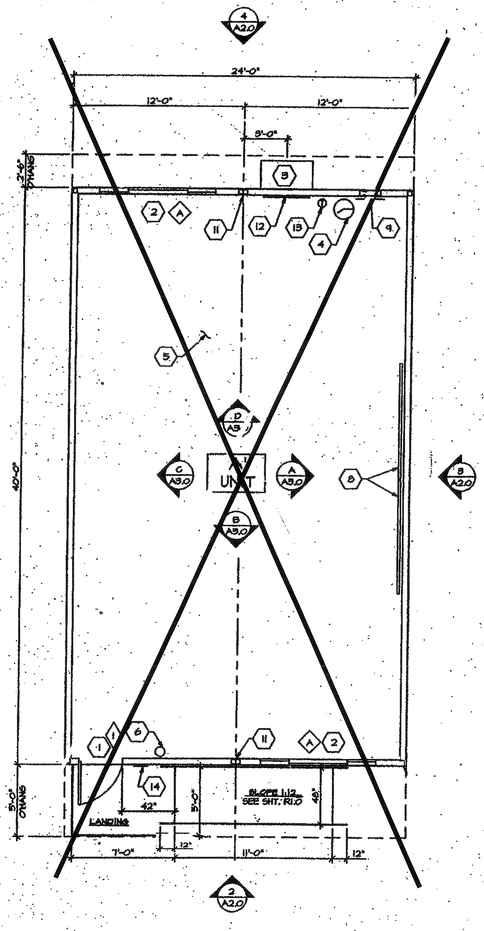
COVER SHEET
SHEET INDEX
BUILDING DATA

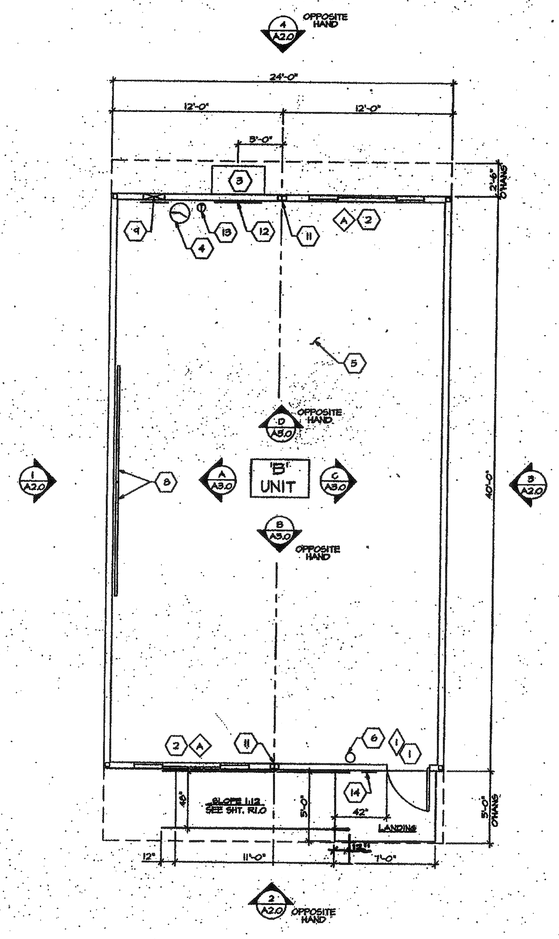
DATE JAN. 2004
SHEET
G.0

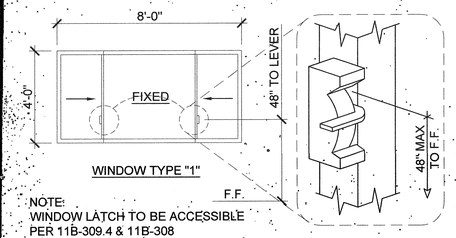
R5 | R52

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019







NOTE:
WINDOW LATCH TO BE ACCESSIBLE PER 11B-309.4 & 11B-308
(@ ONE WINDOW ONLY)

FLOOR PLANS (24x40) SN 37271-72 & 37411-12

SCALE: 1/4" = 1'-0"

CBC 1998

PC

KEYNOTES

1 EXTERIOR DOOR- SEE SHEET 4.1
2 ALUMINUM SLIDER WINDOW- SEE SHEET 4.1
3 WALL MOUNTED ELECTRIC HEAT PUMP, SEE SHEET 4.0 FOR MECHANICAL PLAN.
4 WALL CLOCK, SEE SHEET E1.0
5 FINISH FLOORING- SEE SHEET 4.1
6 FIRE EXTINGUISHER- 5 lb DRY CHEMICAL WITH 2A-10B-C UL RATING. F.E. HANDLE @ 48" A.F.F.
7 NOT USED
8 MARKERBOARD -
9 ELECTRICAL PANEL 'A'- SEE SHEET E1.0
10 26 GA. GUTTER AND DOWNSPOUT.
11 VINYL WRAPPED CLOSE-OFF BATT.
12 HVAC RETURN.
13 THERMOSTAT, SEE SHEET E1.0
14 ACCESS SIGN (SEE DETAIL 16 SHEET S3.0)

NOTE:
RAMPS NEEDED ACCORDINGLY TO SITE CONDITIONS. STANDARD RAMP DESIGN SHOWN FOR REFERENCE ONLY- SEE RAMP SHEETS FOR ALTERNATE RAMP DESIGN.

D.S.A.
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 - 101056
AC FLS SS
DATE APR 07 2003

D.S.A.
04-101703
APR 07 2003

STRUCT. ENGINEER
REGISTERED PROFESSIONAL ENGINEER
JAMES ALLEN
STRUCTURAL
STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2020

ARCHITECT
No. C13487
REGISTERED ARCHITECT
STATE OF CALIFORNIA

CHANGE ORDER

CHECKED BY

AURORA MODULAR INDUSTRIES
6633 Kenmore Ave. Riverside, CA. 92504
Phone (909) 785-7100
Fax (909) 785-0852

RELOCATABLE BUILDING FOR:
G E EQUIPMENT LEASING
STOCKPILE

FLOOR PLAN (24x40)

BY J.A. DATE 5-14-03

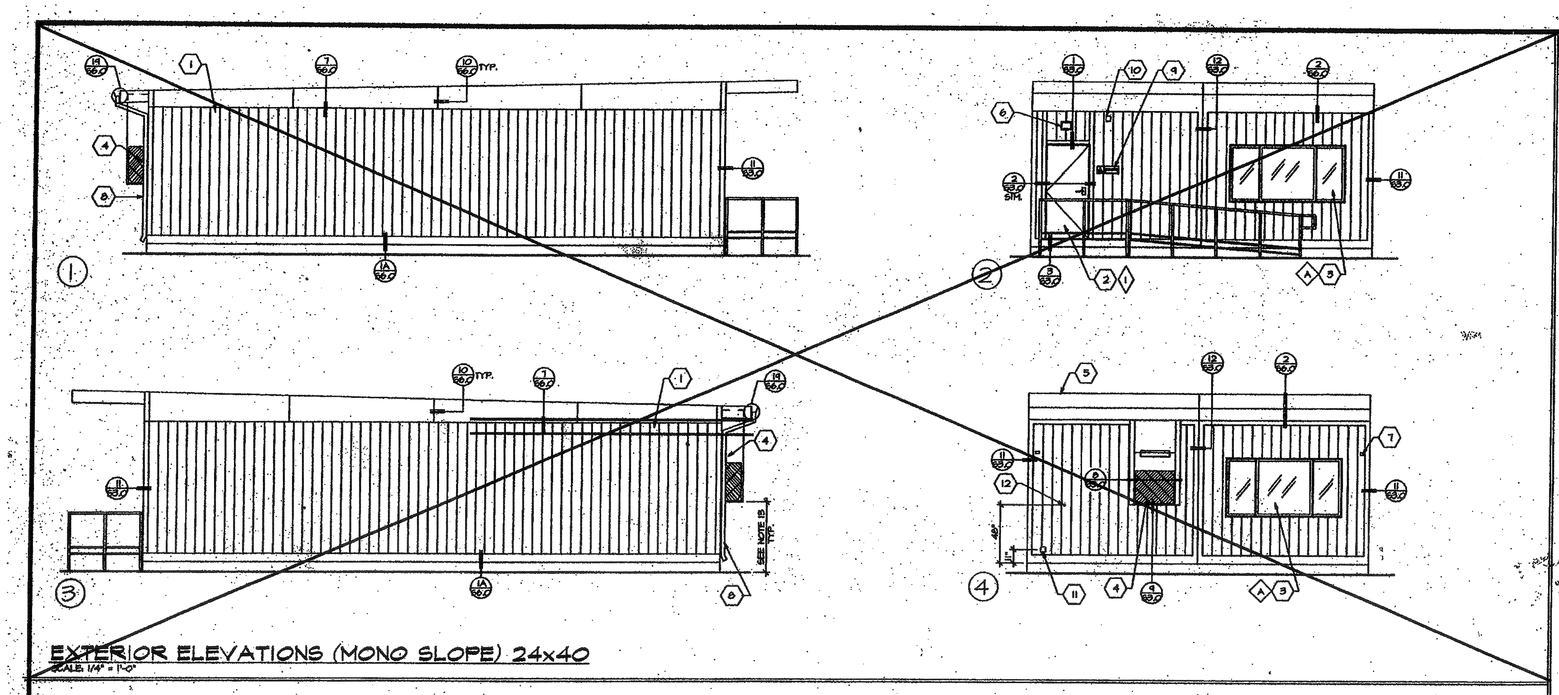
SHEET
A 1.0

5015 JOB NO.

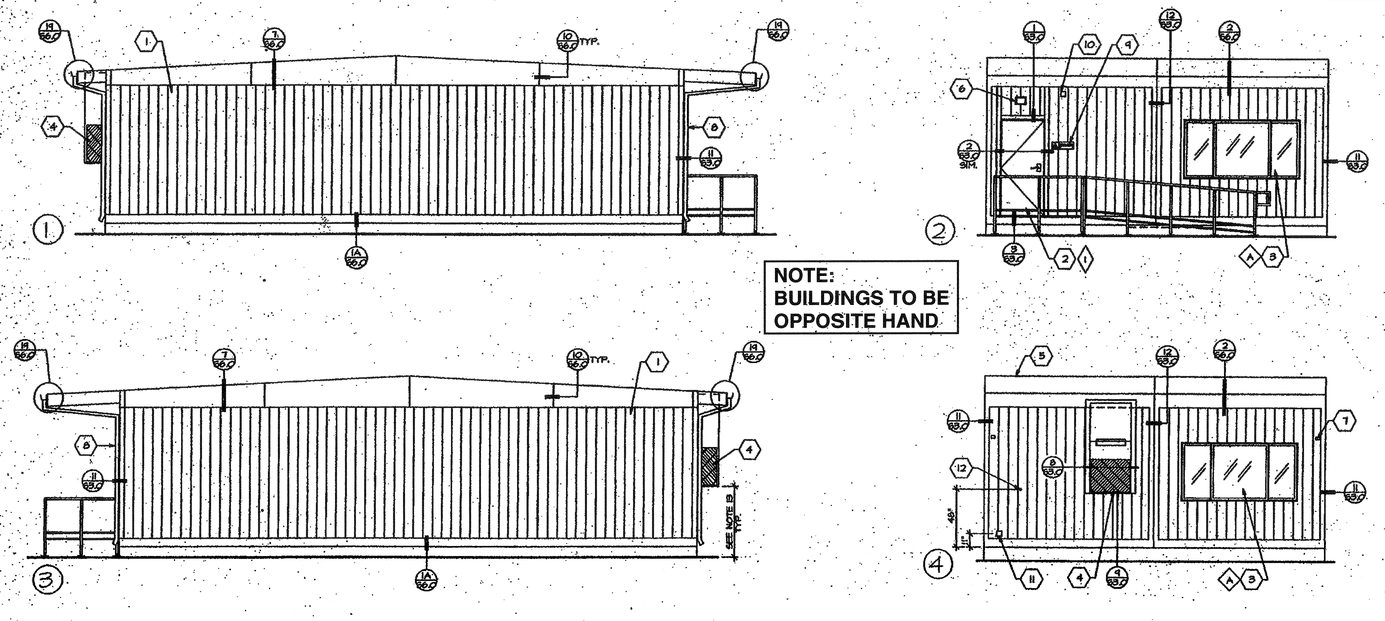
R51-R52

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019



EXTERIOR ELEVATIONS (MONO SLOPE) 24x40
SCALE: 1/4" = 1'-0"



EXTERIOR ELEVATIONS (GABLE) 24x40
SCALE: 1/4" = 1'-0"

NOTE:
BUILDINGS TO BE OPPOSITE HAND

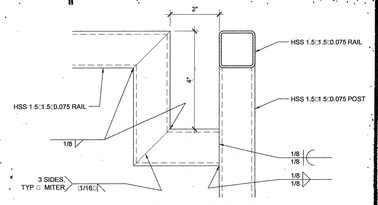
CBC 1998

PC

KEYNOTES

1 TYPICAL EXTERIOR FINISH- SEE SHEET 9.1
2 EXTERIOR DOOR- SEE SHEET 9.1
3 ALUMINUM SLIDER WINDOW- SEE SHEET 9.1
4 WALL MOUNTED ELECTRIC HEAT PUMP- SEE SHEET M.0 FOR MECHANICAL PLANS
5 ROOFING- SHEET 9.1
6 EXTERIOR LIGHT MOUNTED ABOVE DOOR- SEE SHEET E1.0
7 METAL TAG ON ALL MODULES MECHANICALLY ATTACHED TO EXTERIOR OF REAR FRAME, @ 5'-0" A.F.F. SHOWING DSA APP. #, MANUFACTURERS NAME AND UNIT SERIAL NUMBER.
8 26 ga. DOWNSPOUT.
9 ACCESS SIGN (SEE DETAIL 14 SHEET 9.0) (NOT BY PORTABLE MANUFACTURER)
10 FIRE ALARM HORN OR BELL LOCATED @ 8'-8" ON THE EXTERIOR. CONDUIT TO BE STUBBED INTO ATTIC SPACE ONLY.
11 JUNCTION BOX FOR FIRE ALARM- SEE SHEET E1.0
12 ELECTRICAL POINT OF CONNECTION
15 1ST HVAC UNIT IS LOCATED IN ANY PATH OF TRAVEL, PROVIDE PROTECTION FROM OVERHEAD HAZARD IF DIMENSION IS GREATER THAN 27" A.F.G.

NOTE:
RAMPS NEEDED ACCORDINGLY TO SITE CONDITIONS. STANDARD RAMP DESIGN SHOWN FOR REFERENCE ONLY.- SEE RAMP SHEETS FOR ALTERNATE RAMP DESIGN.



RAIL NOTCH AT HANDRAIL

D.S.A.
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 - 101058
AC FLS SS
DATE JAN 27 2004

D.S.A.
04 105203
AC FLS SS
DATE SEP 17 2004

STRUCT. ENGINEER
LICENSE EXPIRES 6-30-2020

ARCHITECT

CHANGE ORDER

CHECKED BY

AURORA MODULAR INDUSTRIES
18633 Ventura Ave., Riverside, Ca. 92504
Phone (909) 788-2030
Fax (909) 788-2033

RELOCATABLE BUILDING FOR:
G.E. EQUIPMENT LEASING
STOCKPILE

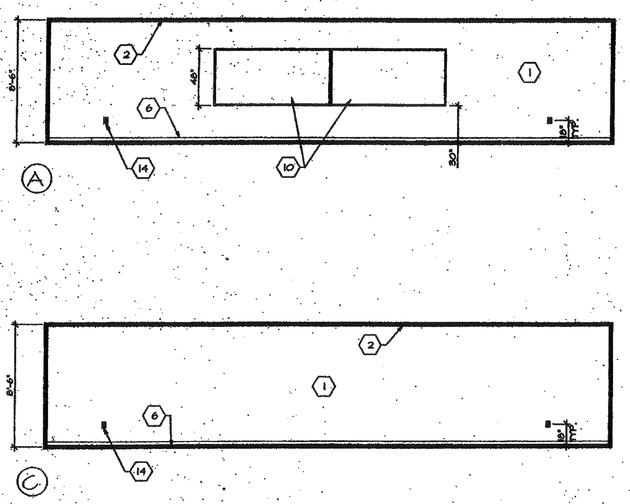
EXTERIOR ELEVATIONS (24x40)

BY JA DATE 8-14-03
SHEET
A2.0
SCALE
DRAWING

R51-R52

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019



NOTE:
BUILDINGS TO BE
OPPOSITE HAND

KEYNOTES

CBC 1998
PC

1 TYPICAL INTERIOR FINISH- SEE SHEET 4.1
2 TYPICAL CEILING MATERIAL- SEE SHEET 4.1
3 EXTERIOR DOOR- SEE SHEET 4.1
4 ALUMINUM SLIDER WINDOW- SEE SHEET 4.1.
5 CLOCK-SEE SHEET E1.0
6. FINISH FLOORING- SEE SHEET 4.1
7 FIRE EXTINGUISHER- 5 lb DRY CHEMICAL WITH 2A-10B-C UL RATING. F.E. HANDLE @ 48" A.F.F.
8 HVAC RETURN.
9 FIRE ALARM- PULL STATION LOCATED @ 4'-0" ON THE INTERIOR, HORN OR BELL LOCATED @ 8'-6" ON THE EXT. CONDUIT TO BE STUBBED INTO ATTIC SPACE ONLY.
10 MARKERBOARD -
11 ELECTRICAL PANEL 'A'- SEE SHEET E1.0
12 VINYL WRAPPED CLOSE-OFF BATT.
13 J-BOX FOR VISUAL WARNING DEVICE @ 180" A.F.F.
14 - ELECTRICAL OUTLET. SEE SHT E1.0
(verify exact location on sht E1.0)

D.S.A.
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04-101055
AC FLS SS
DATE JUN 29 1999

D.S.A.
04-105203
APPROVED
APR 17 2003

STRUCT. ENGINEER

LICENSE EXPIRES 6-30-2020

ARCHITECT

CHANGE ORDER

CHECKED BY

RELOCATABLE BUILDING FOR:
G.E. EQUIPMENT LEASING
STOCKPILE

AURORA MODULAR INDUSTRIES
19833 Nordhoff Pl., Chatsworth, CA. 91311
Phone (818) 700-7366
Fax (818) 700-7373

INTERIOR ELEVATIONS (24x40)

BY JA DATE 01-14-03

SHEET
A3.0

DATE JOB NO.

INTERIOR ELEVATIONS (24x40)
SCALE 1/4" = 1'-0"

R51-R52

AGENCY TRACKING NO 63321-355
FILE NO. 15-5

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FS SS
DATE SEP 30 2019

CBC 1998

PC

KEYNOTES

1 ROOFING- SEE SHEET A1.
2 26 GA. GUTTER AND DOWNSPOUT.

D.S.A.
REGISTRATION NUMBER
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04-101056
AC. FS SS
DATE SEP 30 2019

D.S.A.
04-105203
AC. FS SS
DATE SEP 30 2019

STRUCT. ENGINEER

ARCHITECT
LICENSE EXPIRES 08-2020

CHANGE ORDER

CHECKED BY

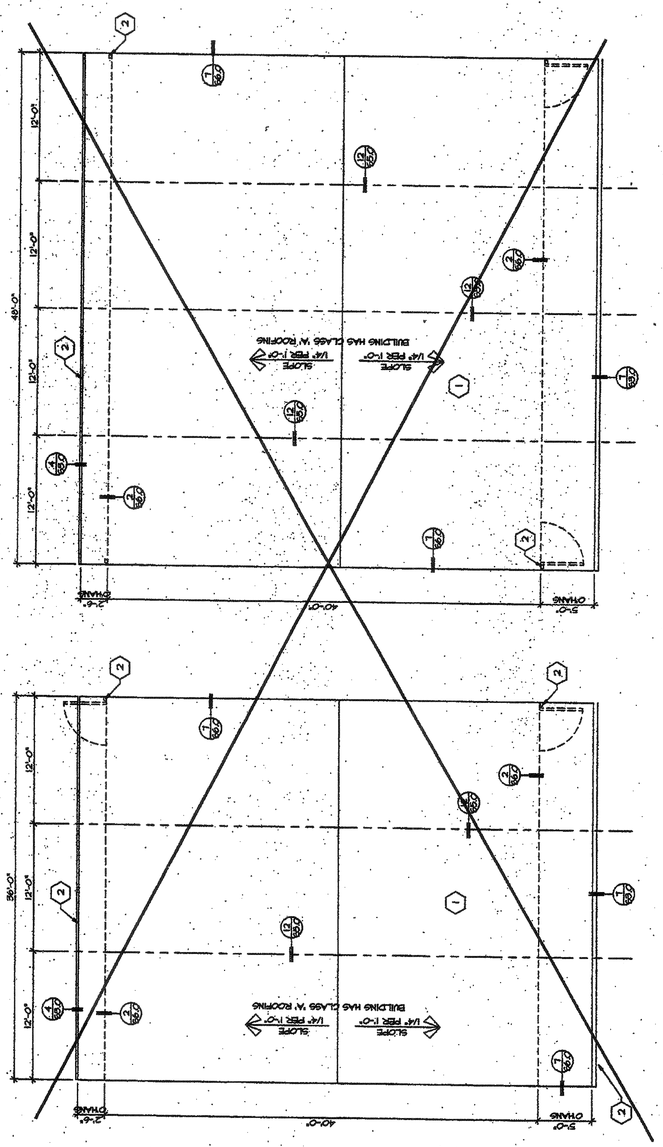
URORA MODULAR INDUSTRIES
RELOCATABLE BUILDING FOR:
G.E. EQUIPMENT LEASING
STOCKPILE
18332 Kenwin Ave. Riverside, CA. 92504
Phone (909) 789-7196
Fax (909) 788-0263

ROOF PLAN (GABLE ROOF)

JA
DSA 04-105203

SHEET
A1.0

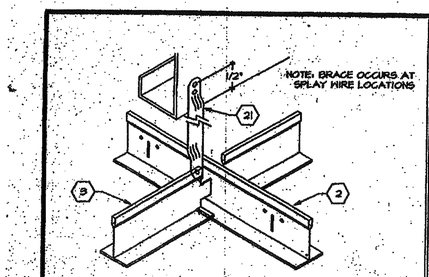
R51-R52



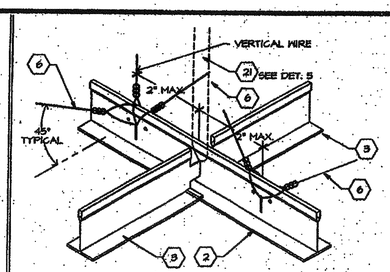
ROOF PLAN (GABLE)
SCALE: 3/16" = 1'-0"

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

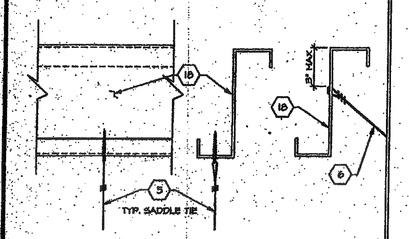
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019



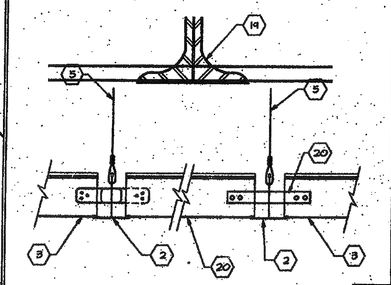
VERTICAL BRACE 5



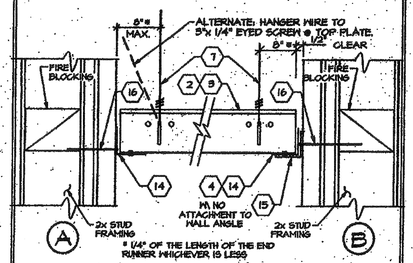
SPLAY WIRE 1



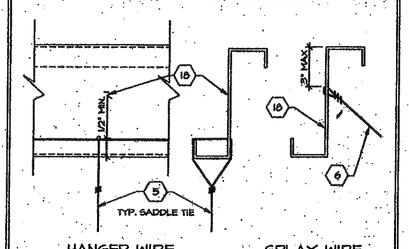
WIRE ATTACHMENT 6



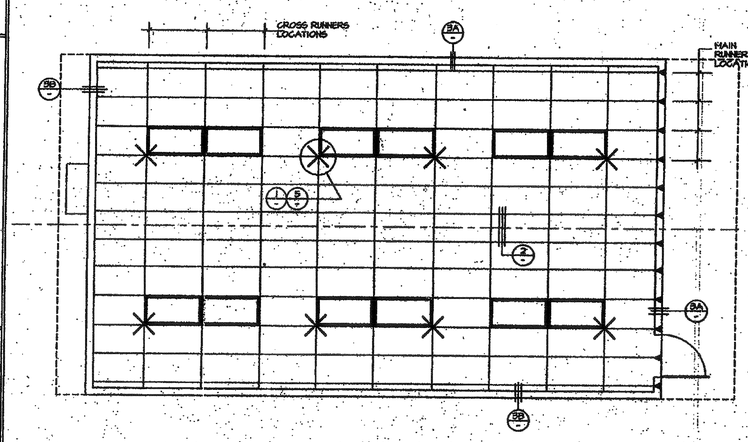
GRID AT MODLINE 2



GRID AT WALL 3



ALT. WIRE ATTACHMENT 4



REFLECTED CEILING PLAN (24x40)
SCALE 1/4" = 1'-0"

CEILING HEIGHT 8'-6"

1A1 UNIT SHOWN
'B' UNIT OPP. HAND

KEYNOTES

1 MAIN RUNNERS @ 4'-0" O.C. MAX. WITH HANGER WIRES SPACED @ 4'-0" O.C. MAX.
2 MAIN RUNNER: ARMSTRONG - 1301 HEAVY DUTY
3 CROSS RUNNER: ARMSTRONG - XL 7328 HEAVY DUTY
4 WALL RUNNER: ARMSTRONG 7800 D
5 TYPICAL HANGER WIRE TO BE 12 Ga. STEEL WIRE ATTACHED TO STRUCTURE ABOVE AND TO GRID WITH (3) TIGHT TURNS WITHIN 1 1/2" - SEE DETAIL 4
6 TYPICAL SPLAY WIRE TO BE 12 Ga. STEEL WIRE ATTACHED TO STRUCTURE ABOVE AND TO GRID WITH (4) TIGHT TURNS WITHIN 1 1/2" - SEE DETAIL 4
7 AT END OF ROWS OF RUNNERS, A HANGER WIRE SHALL BE ATTACHED WITHIN 8" OF ANY WALL OR PARTITION OR 1/4 LENGTH OF END TEE WHICHEVER IS LEAST
8 VERTICAL WIRES MORE THAN 1-6 OUT OF PLUMB SHALL HAVE COUNTERBALANCE WIRES INSTALLED.
9 RUNNERS MAY BE ATTACHED TO WALL HOLDING AT (2) ADJOINING WALLS. AT OTHER WALLS NO ATTACHMENT. WHERE THERE IS NO ATTACHMENT THERE SHALL BE A 1/2" CLEARANCE BETWEEN END RUNNER AND FACE OF WALL.
10 CEILING AREAS EVERY 144 SQ. FT. OR MORE SHALL HAVE SPLAY WIRES INSTALLED AS INDICATED ON CEILING PLAN. SPLAY WIRES SHALL BE TAUT BUT SHALL NOT DISTORT GRID.
11 ELECTRICIAN SHALL PROVIDE (2) SLACK HANGER WIRES AT OPPOSITE CORNERS OF ALL LIGHT FIXTURES. WIRES SHALL BE ATTACHED TO STRUCTURE ABOVE PER NOTE 5. LIGHT FIXTURES SHALL BE ATTACHED TO CEILING GRID WITH (2) #6 SHEET METAL SCREWS.
12 DUCTWORK, IF REQUIRED, SHALL BE RIGIDLY ATTACHED TO STRUCTURE ABOVE AT INTERVALS NOT TO EXCEED 4' AND SHALL NOT BE CLOSER THAN 6" TO ANY WIRE.
13 CEILING REGISTERS, WHEN INDICATED ON PLANS, SHALL BE ATTACHED TO STRUCTURE ABOVE PER NOTE 5.
14 CONT. WALL 1/8" ANGLE WITH POP RIVET TO EACH MEMBER.
15 1/8" CONTINUOUS WALL ANGLE.
16 6d NAIL @ 16" O.C. INTO BLOCK OR STUD.
17 OPTIONAL INTERIOR PARTITION WALL.
18 ROOF JOIST - SEE SHEET S4.0 OR S4.1
19 MODLINE ABOVE
20 CLOSE OFF CROSS TEE- INSERT ONE END OF CROSS TEE INTO MAIN RUNNER WITH BAYONET. CUT OPPOSITE END TO FIT (IF LESS THAN 24"). INSERT MIN. 20 ga. MTL. STRAP THRU MAIN RUNNER, SECURE TO CROSS TEE W/ (2) #8 TEK SCREWS AT EACH END.
21 VERTICAL BRACE- 1/2" STEEL CONDUIT AT SPLAY WIRE LOCATIONS. DRILL (2) 1/8" HOLE THRU CONDUIT @ TOP & (2) @ BOTTOM. ATTACH CONDUIT TO JOIST ABOVE W/ (2) #8 TEK SCREWS, WITHIN 2" OF CROSS RUNNER.

CBC 1998
PC

D.S.A.
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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04-101055
AC FLS SS
DATE JUN 29 2020

D.S.A.
04-105703
APR 3 0 2021

STRUCT. ENGINEER
LICENSE EXPIRES 6-30-2022

ARCHITECT

CHANGE ORDER

CHECKED BY

AURORA MODULAR INDUSTRIES
16833 Knott Ave. Riverside, CA. 92504
Phone (909) 785-7178
Fax (909) 785-0283

G.E. EQUIPMENT LEASING
RELOCATABLE BUILDING TYPE
STOCKPILE

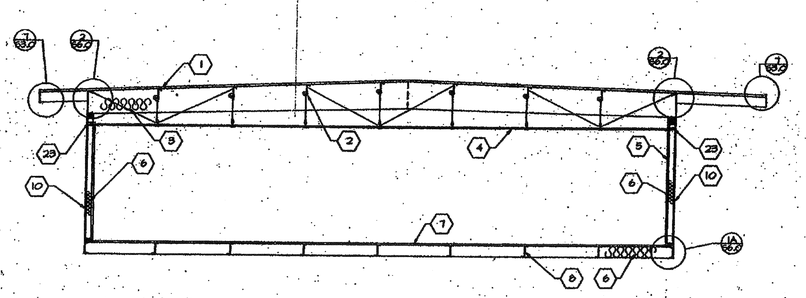
REFLECTED CEILING PLAN (24x40)

BY J.A. DATE 07-08
SHEET NO. A5.0
SCALE 1/4" = 1'-0" JOB NO.

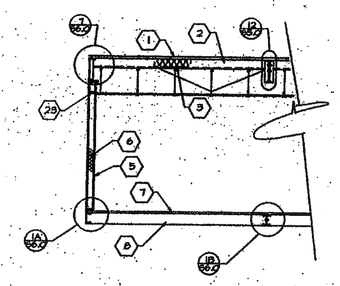
R51-R52

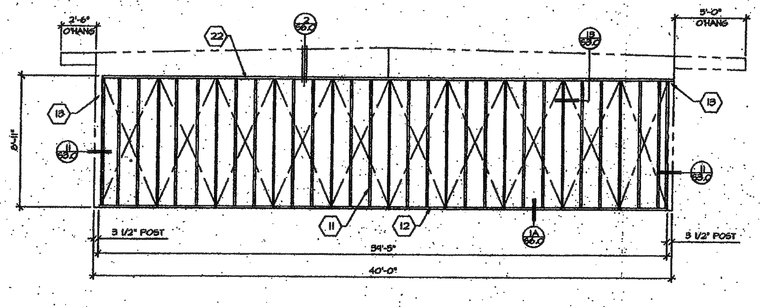
AGENCY TRACKING NO. 63321-355
FILE NO. 15-8

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC. / FLS / SS
DATE SEP 30 2019



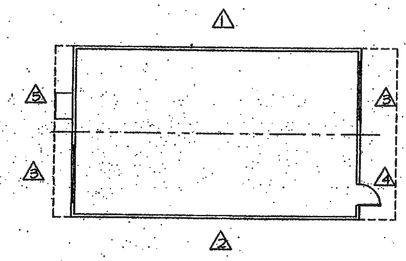
BUILDING SECTIONS
SCALE: 1/4" = 1'-0"





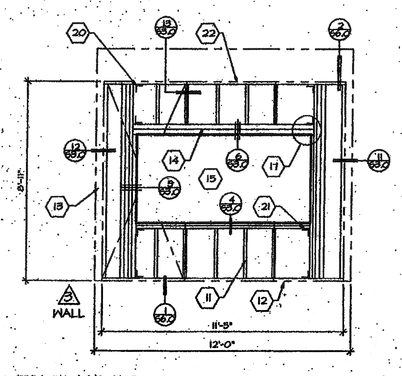
TYPICAL SIDEWALL
SCALE: 1/4" = 1'-0"

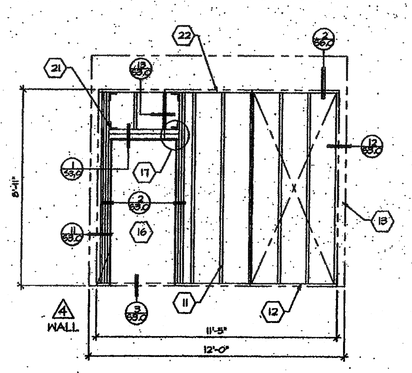
WALL 2 SHOWN
WALL 1 OPP. HAND

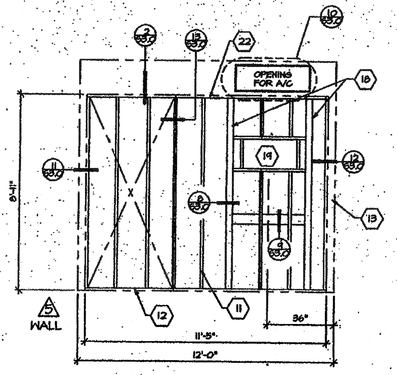


~~SHOWN~~
OPP. HAND

WALL LOCATIONS
SCALE: 1/8"=1'-0"







TYPICAL ENDWALLS
SCALE 3/8"=1'-0"

KEYNOTES

CBC 1998

PC

1. ROOF SHEATHING- SEE SHEET 9.1
2. STEEL ROOF JOIST- SEE SHEET S4.0
3. R-19 FIBERGLASS INSULATION ON METAL STRAPS.
4. SUSPENDED CEILING- SEE SHEET A5.0
5. TYPICAL INTERIOR FINISH- SEE SHEET 9.1
6. R-11 FIBERGLASS INSULATION.
7. PLYWOOD FLOOR SHEATHING- SEE SHEET S4.0
8. STEEL FLOOR JOIST- SEE SHEET S4.0
9. NOT USED
10. PLYWOOD SIDING/SHEATHING- SEE SHEET 9.0 FOR MATERIAL. NAIL SIDING WITH CORROSION RESISTANT 8d BOX NAILS @ 6" BOUNDARY & EDGES, 12" FIELD.
11. STUDS- 2x4 H.F. STUD GRADE @ 16" O.C.
12. BOTTOM PLATE- 2x4 H.F. STUD GRD. & BETTER.
13. STEEL FRAME- SEE SHEET S4.0 "STRUCTURAL ELEVATIONS" FOR MEMBER TYPES AND SIZES.
14. WINDOW HEADER- (2) 2x4 H.F. STUD GRD. FLAT.
15. FRAME FOR 3'-0"x 4'-0" WINDOW. USE (3) FULL HEIGHT HEM FIR 2x4 STUDS W/ 1 2x4 TRIMMER BOTH SIDES AND (2) 2x4 FLAT FOR WINDOW SILL. USE (4) FULL HEIGHT STUDS AT 30 MPH W/ STUCCO.
16. FRAME FOR 3'-0"x 6'-0" DOOR. USE (2) FULL HEIGHT 2x4 JAMB STUDS WITH (1) 2x4 TRIMMER BOTH SIDES, & (2) 2x4 FOR HEADER. SEE DETAIL 1 SHEET S5.0
17. NAIL THRU VERTICAL STUD INTO HORZ. HEAD OR SILL W/ MIN. (4) 16d NAILS PER CONNECTION. TYPICAL AT CORNERS OF ALL OPENINGS.
18. 4x4 H.F. POST.
19. SEE SHEET 9.1 FOR A/C SIZE AND TONAGE.
20. 'SIMPSON' A35 CLIPS (4) PLACES TO TOP AND BOTTOM PLATES.
21. 'SIMPSON' A35 CLIPS (4) PLACES TO WINDOW SILL AND HEADER. OR (2) PLACES TO DOOR HEADER.
22. 2x4 PLATE- H.F. STANDARD OR BETTER.
23. FIRE BLOCKING PER SEC. 708, 1994 C.B.C.

NOTE:
WHEN BUILDING WIND LOAD IS 90MPH USE D.F. #2 WOOD MEMBERS.

D.S.A.
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04-101055
AC. FLS SS
DATE JAN 29 2020

D.S.A.
04-120288
AC. FLS SS
DATE SEP 17 2020

STRUCT. ENGINEER
LICENSE EXPIRES 6-30-2020

ARCHITECT

CHANGE ORDER

CHECKED BY

AURORA MODULAR INDUSTRIES
18633 Ventura Blvd., Tarzana, CA. 91356
Phone (800) 782-2586
Fax (818) 996-3883

RELOCATABLE BUILDING FOR:
G.E. EQUIPMENT LEASING
STOCKPILE

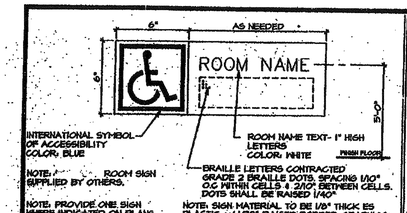
BUILDING SECTIONS
WALL FRAMING
GABLE ROOF
WOOD STUDS
(24x40)

BY JA DATE 5-14-08
SHEET
S 5.0
JOB NO. 1475 CAD FILE#

R51-R52

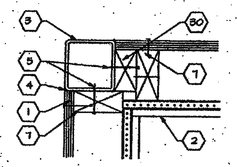
AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019

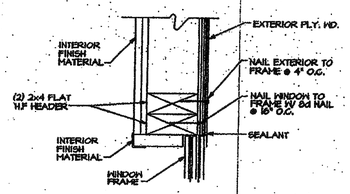


ACCESS ROOM SIGN (N.I.C.) 16

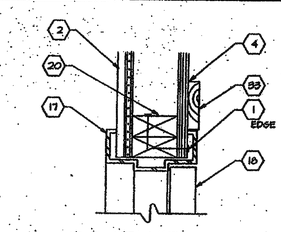
TO BE BLUE BACKGROUND W/ WHITE LETTERS



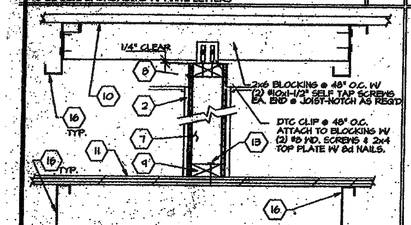
COLUMN AT CORNER 3"=1'-0" 11



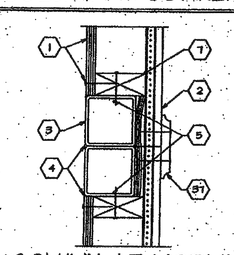
WINDOW HEADER 6



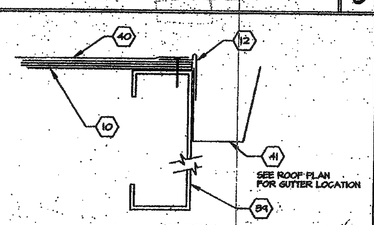
DOOR HEAD 1



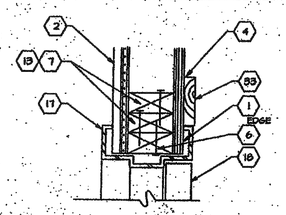
INTERIOR WALL ATTACHMENT 17



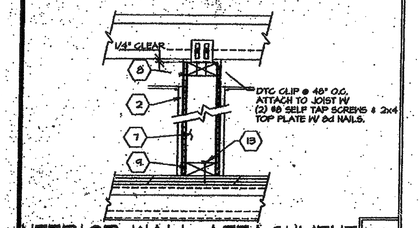
COLUMN AT MODLINE 3"=1'-0" 12



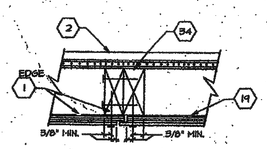
FASCIA 7



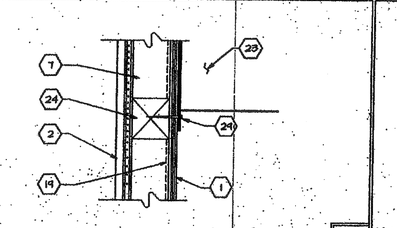
DOOR JAMB 2



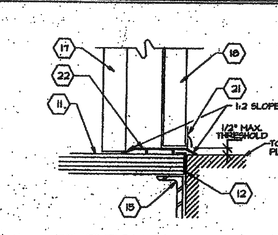
INTERIOR WALL ATTACHMENT 18



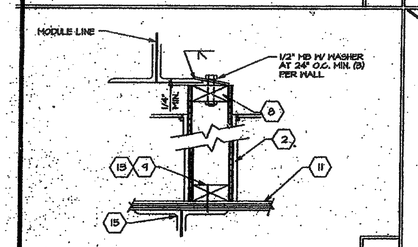
PANEL JOINT 13



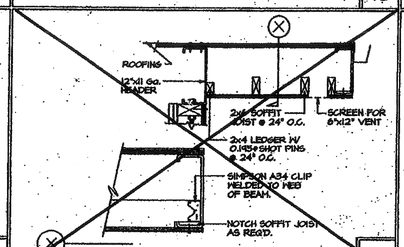
A/C @ SIDE 8



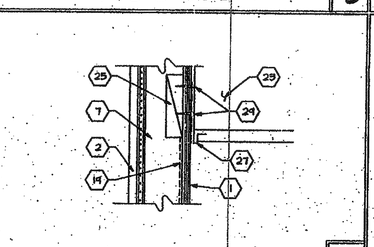
THRESHOLD 3



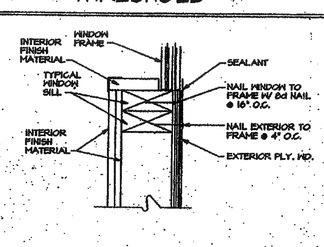
NT. WALL ATTACH @ MOD LINE 19



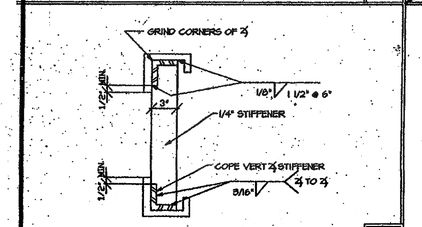
SOFFIT @ O'HANG (OPTIONAL) 14



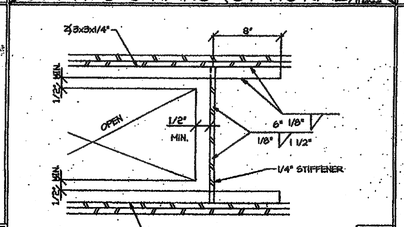
A/C @ BOTTOM 9



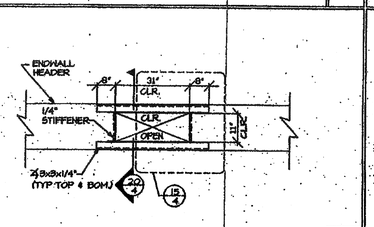
WINDOW SILL 4



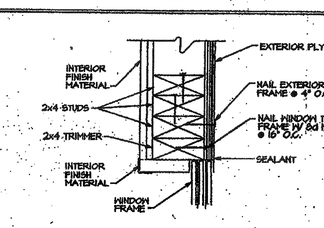
A/C OPENING IN HEADER 20



A/C OPENING IN HEADER 15



A/C OPENING IN HEADER 10



WINDOW JAMB 5

KEYNOTES

CBC 1998

PC

1. EXTERIOR PLYWOOD SIDING/SHEATHING - NAIL W/ CORROSION RESISTANT 8d BOX NAILS @ 6" O.C. BOUNDARY & EDGES, AND 12" O.C. FIELD. WITH MOISTURE BARRIER SEE SHEET 4.0 FOR MATERIAL.
2. TYPICAL INTERIOR FINISH - SEE SHEET 4.1 FOR MATERIAL
3. STEEL TUBE COLUMN - SEE SHEET S4.0 OR S4.1
4. SEALANT
5. 'HIL-TI' DNS1-PB OR 'RAMSET' 1514 SD @ 24" O.C.
6. 2x4 TRIMMER
7. 2x4 FULL HEIGHT STUDS
8. 2x4 TOP PLATE
9. 2x4 BOTTOM PLATE
10. ROOF SHEATHING - SEE SHEET S4.0 OR S4.1
11. FLOOR SHEATHING - SEE SHEET S4.0 OR S4.1
12. GALVANIZED METAL FLASHING
13. 16d BOX NAILS @ 16" O.C.
14. NOT USED
15. STEEL FLOOR CHANNEL - SEE SHEET S4.0 OR S4.1
16. STEEL JOIST - SEE SHEET S4.0 OR S4.1
17. HOLLOW METAL DOOR FRAME
18. METAL DOOR
19. MOISTURE BARRIER
20. HEADER - (2) 2x4 W.P. STUD GRD. FLAT
21. DOOR BOTTOM WITH WEATHER STRIP
22. ALUMINUM THRESHOLD
23. WALL MOUNTED A/C
24. 4x4 W.P. # BETTER POST
25. 2x6 BLOCK BETWEEN STUDS. ATTACH TO STUDS W/ (2) 16d BOX NAILS EACH END OF BLOCKS INTO STUD
26. NOT USED.
27. 11 Ga x 24" LONG STEEL BOTTOM BRACKET
28. NOT USED.
29. 3/8" DIA. x 2-1/2" LAG BOLTS, QNTY AS INDICATED BY PRE DRILLED HOLES ON UNIT.
30. 3/4" x SPACER
31. NOT USED
32. NOT USED
33. 1x4 TRIM
34. NOT USED
35. NOT USED
36. NOT USED
37. VINYL WRAPPED CLOSE OFF BATT. ATTACH W/ 8d FINISH NAILS @ 10" O.C. (2) @ TOP. & BTM.
38. NOT USED
39. 10"x10Ga. HEADER @ PERIM. OF OVERHANG.
40. ROOFING-SEE SHEET 4.1
41. 26 Ga GUTTER - SEE ROOF PLAN FOR LOCATION

THIS BUILDING IS AN 80 MPH WIND LOAD.

NOTE: WHEN BUILDING WIND LOAD IS 80 MPH USE D.F. #2 WOOD MEMBERS.

D.S.A.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04-101055
AC FLS SS
DATE FEB 23 2004

D.S.A.

W 105203
APR 17 2019

STRUCT. ENGINEER

REGISTERED PROFESSIONAL ENGINEER
STRUCTURAL
No. S 3915
CIVIL
STATE OF CALIFORNIA

LICENSE EXPIRES 6-30-2020

ARCHITECT

REGISTERED ARCHITECT
No. C-12467
STATE OF CALIFORNIA

CHANGE ORDER

CHECKED BY

18333 Von Karman Ave., Irvine, CA. 92612
Phone (949) 756-0595
Fax (949) 756-0578

AURORA MODULAR INDUSTRIES

RELOCATABLE BUILDING FOR:
G.E. EQUIPMENT LEASING
STOCKPILE

TYPICAL DETAILS
PLY'WD EXTERIOR
(WOOD STUDS)

BY: AA DATE: 8-19-08

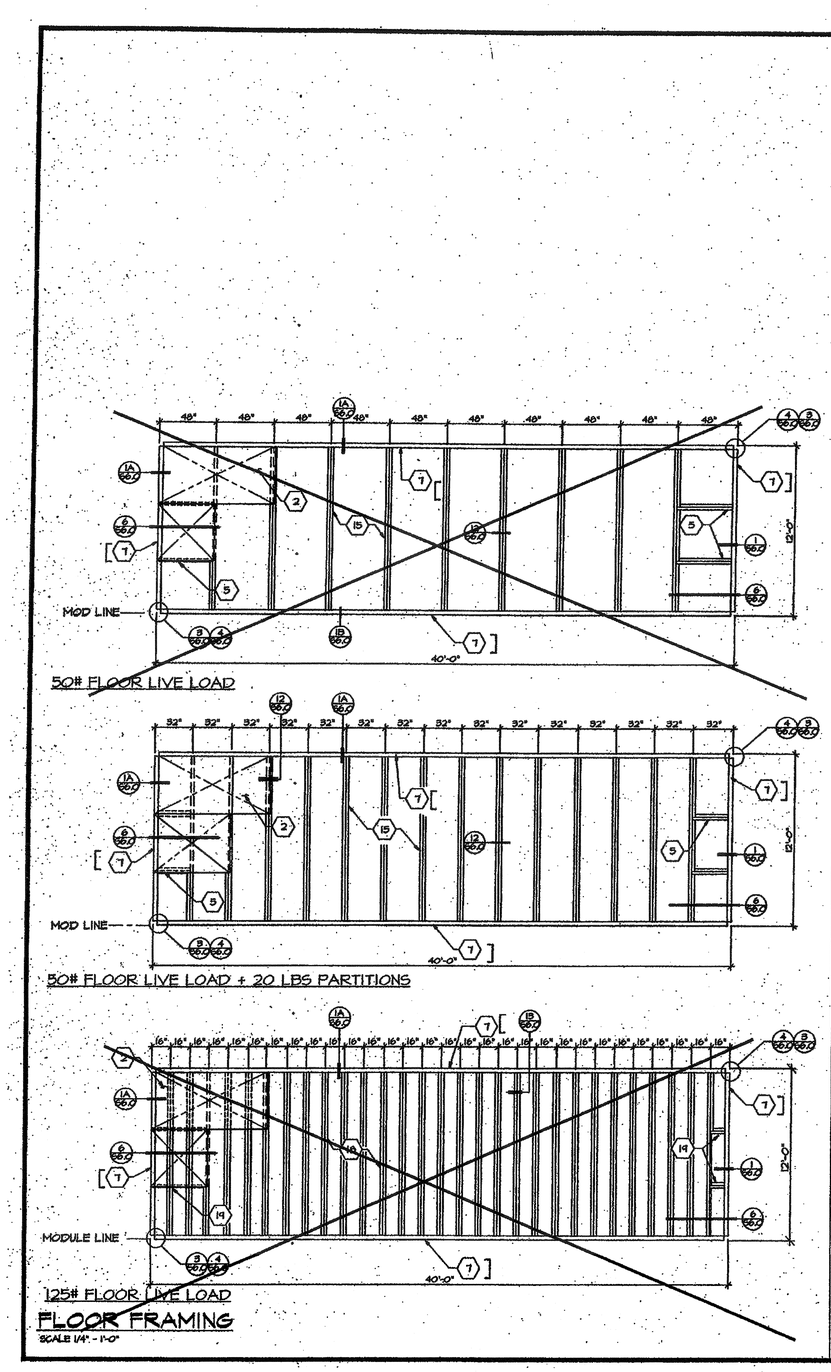
SHEET
S3.0

BOTTS

R51-R52

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019



FLOOR FRAMING

SCALE 1/4" = 1'-0"

KEYNOTES

1 STEEL ROOF DECK - 22 Ga. ROLL FORMED DECK WITH 2" STANDING SEAM. SEE NOTE 1 SHT S6.1 FOR ATTACHMENT

2 PLYWOOD FLOOR SHEATHING - 1 1/8" A.P.A. STURD-I-FLOOR, T & G, P.S. 1-83. SEE NOTE 2 SHT.S6.0 OR S6.2 FOR ATTACH.

3 D8/23/16x3 1/2"x10' GA.

4 D8"x3 1/2"x10 Ga. RFC STEEL ROOF HEADER

5 7"T" x 11 Ga. STEEL BLOCK @ 48" O.C.

6 STEEL COLUMN - 6"x6"x5/16" x 5/16" TUBE @ 10'-0"

7 D7"x 9.8 LB PERIMETER FLOOR FRAME.

8 16"x 14 Ga. STEEL ROOF JOIST @ 48" O.C.

9 STEEL COLUMN - 3 1/2"x3 1/2"x1/4" TUBE @ 8'-0"

10 6"x 14 Ga. PURLIN BLOCK

11 HELD WASHER FOR CEILING GRID - TYP. BOTH SIDES SEE DETAIL 15 SHT. S6.0 OR S6.1

12 STRAP TACKED TO UNDERSIDE OF JOIST @ 24" O.C. FOR INSULATION SUPPORT.

13 5/16" FULL HEIGHT STIFFENER AT 4'-0" O.C.

14 2"x 20 Ga. STRAPS W/ 3" MIN. 1/8" FILLET HELD EACH END TO ROOF BEAM/HEADER TYP.

15 "T" x 11 Ga. STEEL FLOOR JOIST @ SEE FRAMING PLAN FOR FLOOR JOIST SPACING

16 PLYWOOD ROOF SHEATHING 3/4" C-D INT WITH EXT. GLUE 48/24 INDEX, P.S. 1-74 SQUARE EDGE WITH PLYWOOD CLIPS @ 16" O.C. LONG EDGES.

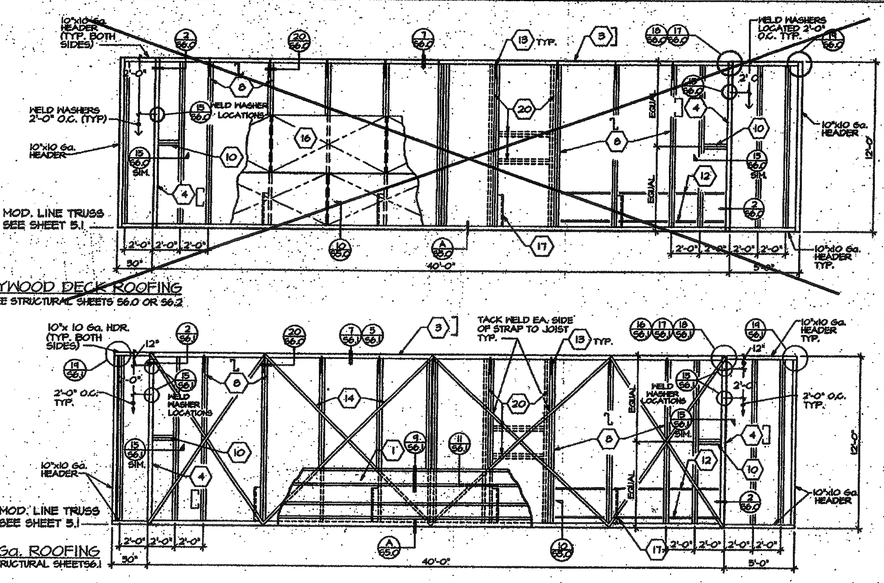
17 1 1/2"x1 1/2"x3/16" BRACE (SEE SHT. S8.0 DET 10)

18 "T" x 14 Ga. STEEL FLOOR JOIST @ 16" O.C.

19 "T" x 14 Ga. STEEL BLOCK @ 48" O.C.

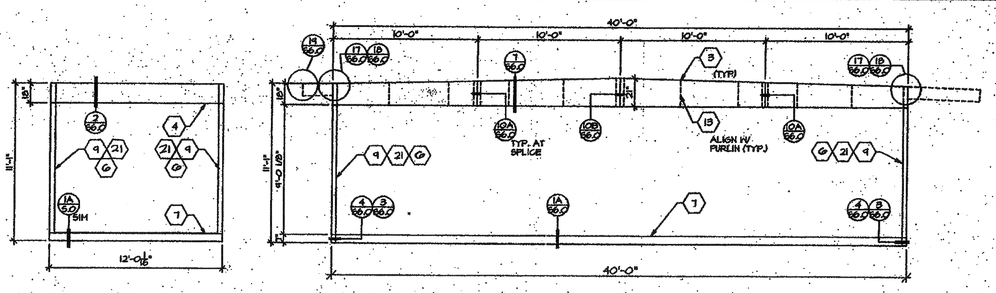
20 DOUBLE PURLINS WITH 6"x14 Ga. PURLIN BLOCKS @ ROOF MOUNTED HVAC-SEE MECHANICAL PLANS FOR EXACT SIZE AND LOCATION.

21 4"x4"x1/4" ALT. TUBE STEEL AT BUILDINGS WITH PARAPET AND HVAC SCREEN OPTION.



ROOF FRAMING

SCALE 1/4" = 1'-0"



STRUCTURAL ELEVATION

SCALE 1/4" = 1'-0"

CBC 1998

PC

D.S.A.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04-101055
AC FLS SS
DATE JUN 29 1999

D.S.A.

OS 105203
FLS 66 OK
APR 17 2000

STRUCT. ENGINEER

LICENSE EXPIRES 6-30-2000

ARCHITECT

CHANGE ORDER

CHECKED BY

AURORA MODULAR INDUSTRIES
18333 Kinsman Ave., Palmdale, Ca. 93594
Phone (800) 788-7199
Fax (800) 788-2823

RELOCATABLE BUILDING FOR:
G.E. EQUIPMENT LEASING
STOCKPILE

GABLE ROOF
FLOOR FRAMING
ROOF FRAMING
STRUCTURAL ELEVATIONS
(80 M.P.H. C)

BY J.A. DATE 5-14-03

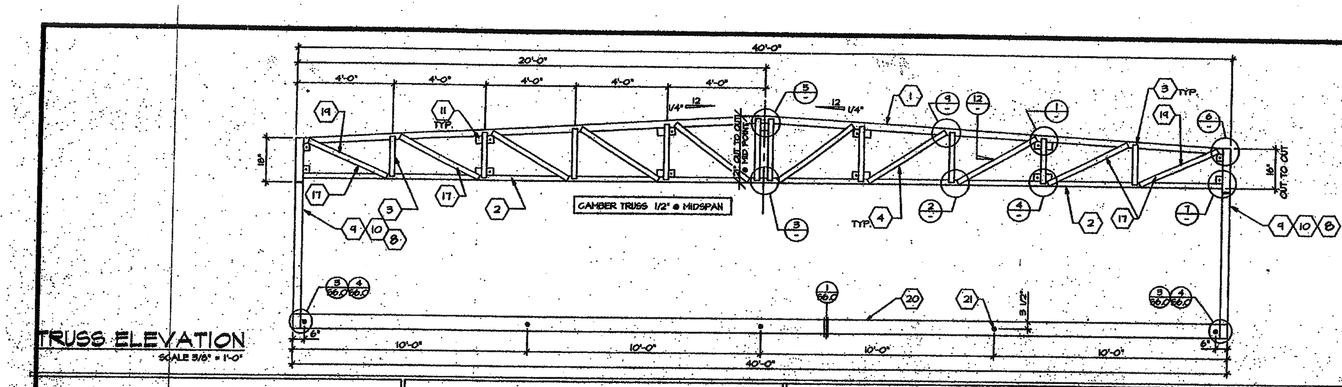
SHEET
S4.2

BLDG. CONTRACT

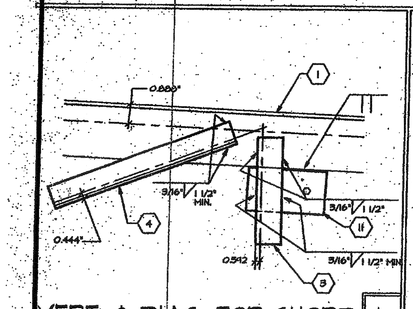
R51-R52

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

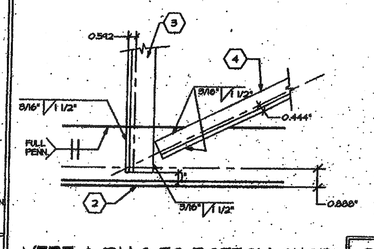
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC. / FLS / SS 81
DATE SEP 30 2019



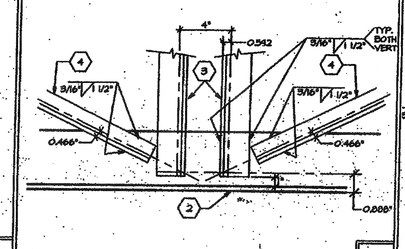
TRUSS ELEVATION
SCALE 3/8" = 1'-0"



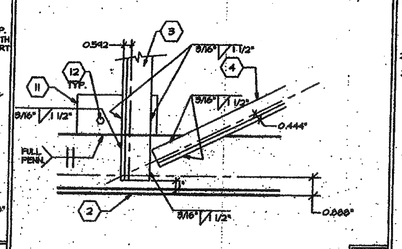
VERT. & DIAG. TOP CHORD 1



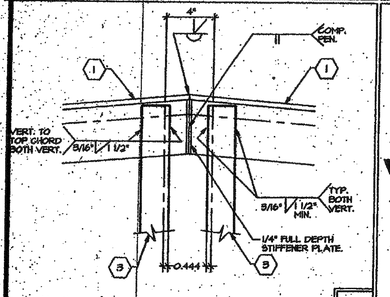
VERT & DIAG TO BOTTOM CHORD 2



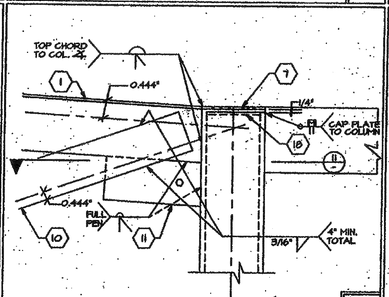
BOTTOM CHORD AT MIDSPAN 3



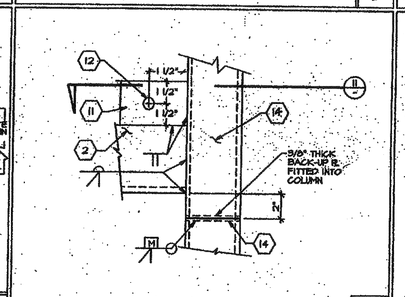
VERT & DIAG TO BOTTOM CHORD 4



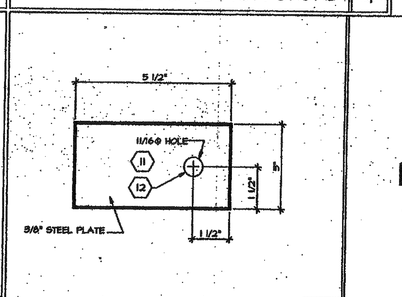
TOP CHORD AT MIDPOINT 5



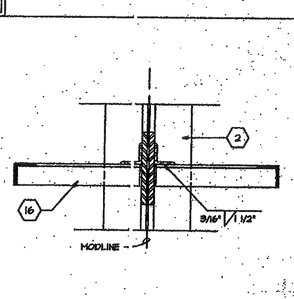
POST CONN TO TRUSS 6



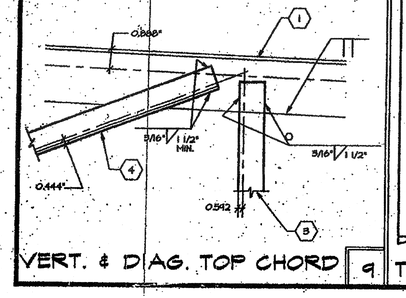
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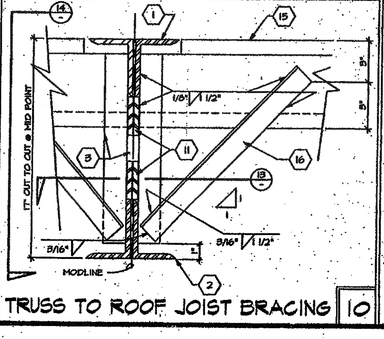
TIE PLATES 8



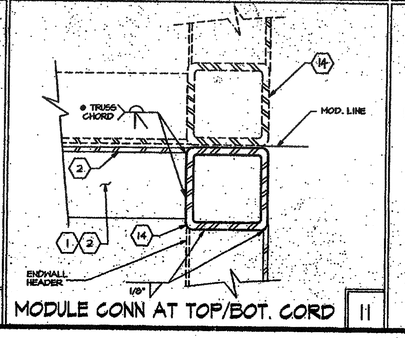
SECTION @ VERT MEMBER 13



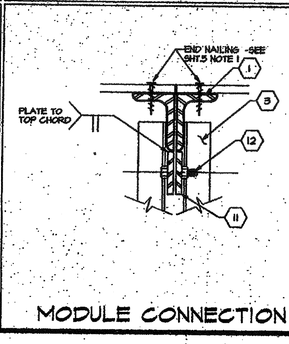
VERT. & DIAG. TOP CHORD 9



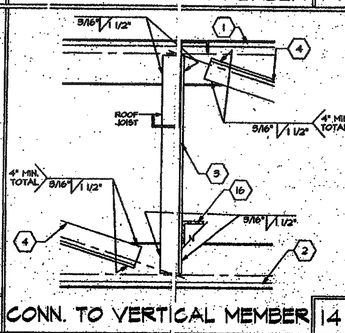
TRUSS TO ROOF JOIST BRACING 10



MODULE CONN AT TOP/BOT. CORD 11



MODULE CONNECTION 12



CONN. TO VERTICAL MEMBER 14

CBC 1998

KEYNOTES

1. 3"x3"x3/8" TOP CHORD
2. 3"x3"x3/8" 1/2" CHAMFER AT MIDPOINT
3. 1 1/2"x1 1/2"x3/16" VERTICAL MEMBER
4. 1 1/2"x 1 1/2"x 3/16" DIAGONAL MEMBER TYP.
5. NOT USED
6. NOT USED
7. 1/4" CAP PLATE
8. TS 3 1/2"x3 1/2"x1/4" STEEL TUBE @ 80°O.C.
9. TS 3 1/2"x3 1/2"x1/4" STEEL TUBE @ 80°O.C.
10. - TS 4" X 4" X 1/4" ALTERNATE TUBE STEEL. USE WITH PARAT ET AND HVAC SCREEN OPTIONS.
11. 5/8"x3"x5 1/2" PLATE WITH 1 1/16" HOLE FOR 5/8" MACHINE BOLT. LOCATE PLATES @ 5'-0" O.C. FOR MODULE CONNECTION. SEE DETAIL 8.
12. 5/8" MACHINE BOLT FOR MODULE CONNECTION
13. NOT USED
14. TS 6"x4"x1/4" typ. 5/16" COL. SEE NOTES 8, 9, 10.
15. ROOF JOIST- SEE NOTE 3 SHEET S4.0
16. 1 1/2"x1 1/2"x3/16" BRACE @ 8'-0" O.C.
17. 2"x 2"x 1/4" END DIAGONAL W/ MIN. 4" OF 3/16" FILLET WELD EACH END @ 60 °/°.
18. 5/8" PLATE FITTED INSIDE TUBE COL. & WELDED IN PLACE TO COLUM W/ 3/16" FILLET WELD TWO SIDES.
19. 2 1/2"x 1 1/2"x 3/16" DIAGONAL W/ MIN. 4" OF 3/16" FILLET WELD EA. END @ 10 °/°.

20 C Tx. 9.8 LB PERIMETER FLOOR FRAME.

21 5/8" MACHINE BOLT @ MID. CONNECTION SEE DETAIL 18 SHEET S6.0 & R S6.1

PC

D.S.A.
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 - 101055
AC. DATE 08 29 2002

D.S.A.
STRUCTURAL ENGINEER
OR 105295
FLS SS
APR 17 2002

STRUCT. ENGINEER
LICENSE EXPIRES 6-30-2020

ARCHITECT

CHANGE ORDER

CHECKED BY

AURORA MODULAR INDUSTRIES
18333 Kramer Ave., Riverside, Ca. 92504
Phone (909) 786-2188
Fax (909) 786-2355

RELOCATABLE BUILDING FOR:
G.E. EQUIPMENT LEASING
STOCKPILE

GABLE ROOF
STEEL TRUSS
SECTION AND
DETAILS

BY JA DATE 9-19-02
SHEET
S5.0
SCALE
DRAWING NO.

R51-R52

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC ✓ FLS ✓ SS
DATE SEP 30 2019

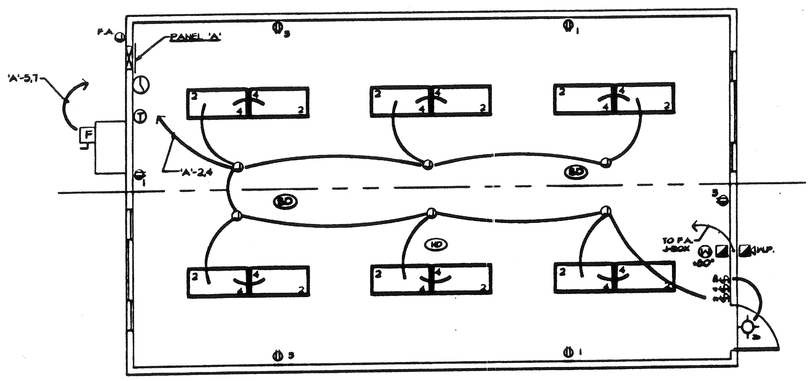
PANEL A — 120/240 VOLT — 1 PHASE — 3 WIRE
100 a BUS — 100 a MAIN

	OUTLETS			WATTAGE			BREAKER		REMARKS
	recep	lights	other	A ø	B ø	C ø	amp	pole	
1	3	—		540	—		20	1	
2	—	12	EMERGENCY LIGHT	1080	—		20	1	
3	3	—		—	540		20	1	
4	—	12		—	960		20	1	
5		—	CONDENSER	3880	—		60	3	8.5 TON HVAC
6	—			—	—				
7		—		—	3880				
8				—	—				
9	1			180	—		20	1	CLOCK OUTLET
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20	1								
TOTALS				7660	7380		= 15.04kw		62.7 amps com.

FLA x 1.25 = 78.0 amps

FIXTURE SCHEDULE

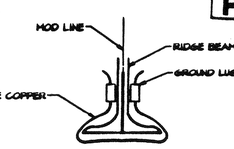
SYMBOL	DESCRIPTION	WATTS	MANUFACTURER
	2' x 4' FLUORESCENT DROP IN FIXTURE, ACRYLIC PRISMATIC LENS, ENERGY SAVING BALLAST. (4) 40 WATT T12ES, WT. 21 lbs	180 WATTS	CRESCENT "2484PRISMAIRE" OR EQUAL
	INCANDESCENT SURFACE MOUNTED EXTERIOR LIGHT WITH IMPACT RESISTANT ENCLOSURE	100 WATTS	KENALL "3068" OR EQUAL
⊕ + 18" (UNO.)	DUPLEX RECEPT - 15a 125v 3 WIRE GROUNDING TYPE	180 WATTS	GENERAL ELECTRIC 5343-3 OR EQUAL
$ + 48"	LIGHT SWITCH - SINGLE POLE		GENERAL ELECTRIC 5301-3 OR EQUAL
J	JUNCTION BOX		
J	DISCONNECT SWITCH - BUILT INTO A/C UNIT		
T + 48"	THERMOSTAT		HONEYWELL
+ 48"	FIRE ALARM PULL STATION (J-BOX ONLY)		
1" 8'-0" (AFF)	FIRE ALARM HORN (J-BOX ONLY) W.P. - INDICATES WEATHERPROOF)		
EMES	ELEC. PANEL		SQ'D OR EQUAL
	ELEC. CLOCK 6" SWLOW CEILING LINE		WESTCLOX "104 OR EQUAL
EXIT	EXIT SIGN W/ BATTERY BACK-UP EMERGENCY LIGHTING MOUNTED ABOVE DOOR		
80"	VISUAL WARNING DEVICE - 60 FLASHES PER MINUTE. (J-BOX ONLY)		
SD	CEILING MOUNTED SMOKE DETECTOR @ 15'-0" FROM SIDEWALL & 10'-0" FROM ENDWALL. (J-BOX ONLY)		
HD	ATTIC HEAT DETECTOR (J-BOX ONLY)		



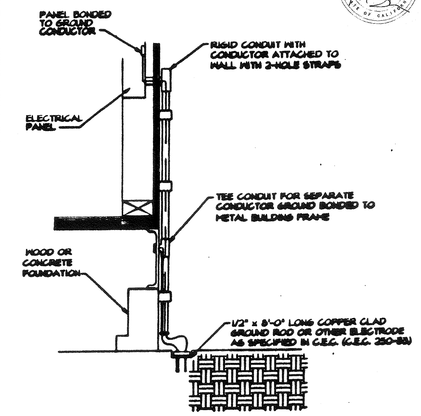
NOTE:
BUILDING TO BE OPPOSITE HAND

LIGHTING AND POWER PLAN
SCALE: 1/4" = 1'-0"

CBC 1998
PC

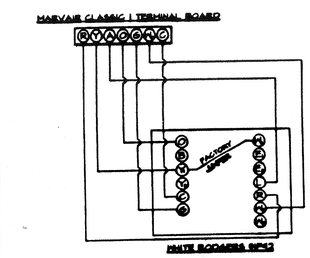


MODULE BONDING



SYSTEM GROUND DETAIL
NOT BY PORTABLE MANUFACTURER

1. SIZE OF CONDUCTORS SHALL COMPLY WITH CEC TABLE 250-95.
2. BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELECTRICAL PANEL AND TO METAL BUILDING FRAME (CEC 250-81). IN ADDITION TO THE DETAIL SHOWN ABOVE, BOND THE ELECTRICAL GROUND TO METAL WATER PIPE EMBEDDED AT LEAST 10 FT. INTO THE SOIL IF AVAILABLE. (CEC 250-81 & 250-83).
3. ALL MODULES OF THE METAL FRAME BUILDING SHALL BE ELECTRICALLY BONDED TOGETHER. (BOLTING ONLY IS NOT ACCEPTABLE BONDING.)
4. CHECK RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS (CEC 250-84(c)) AS REQUIRED, WITH CONDUCTORS, AS SHOWN, SEPARATED BY AT LEAST 6'-0" UNTIL RESISTANCE IS 25 OHMS OR LESS.
5. FIELD INSPECTOR SHALL WITNESS AND VERIFY THE GROUNDING TEST.



A/C CONTROL WIRING

D.S.A.
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 - 101055
APPR. FLS SS
DATE JUN 30 2004

D.S.A.
04 105208
FLS SS
APR 1 7 2009

STRUCT. ENGINEER
LICENSE EXPIRES 6-30-2000

ARCHITECT

CHANGE ORDER

CHECKED BY

AURORA MODULAR INDUSTRIES
18333 Kramer Ave., Riverside, CA. 92504
Phone (909) 788-7196
Fax (909) 788-6883

RELOCATABLE BUILDING FOR:
WILLIAMS SCOTSMAN INC.

ELECTRICAL, POWER & LIGHTING FLOOR PLAN & PANEL SCHEDULE

R. A.H. DATE 2-11-00

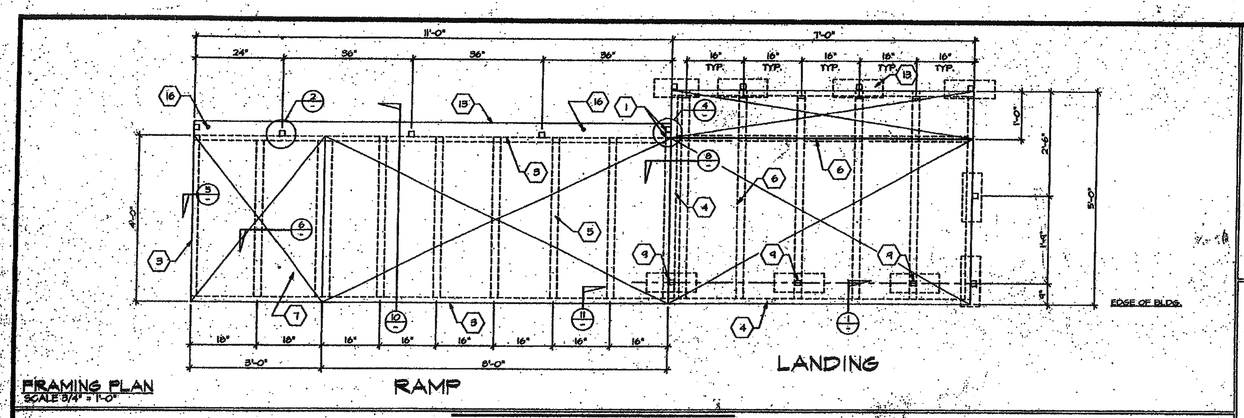
SHEET
E1.0

4211. CONTRACT NO.

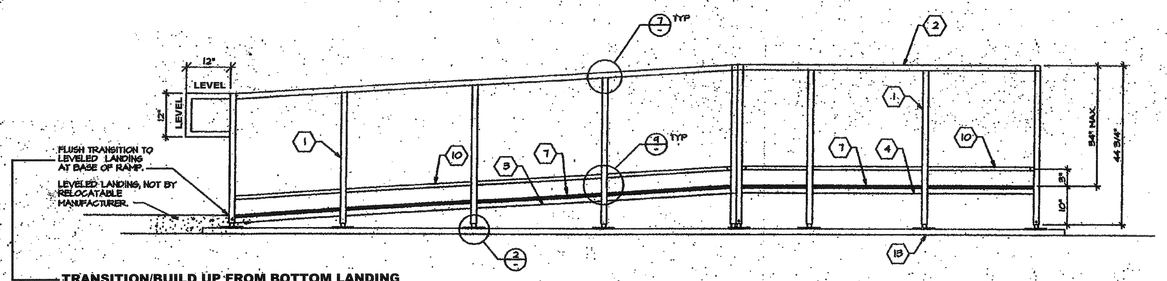
R51—R52

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC. ___ FLS ___ SS ___
DATE SEP 30 2019

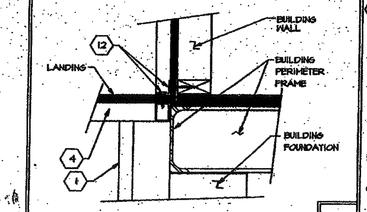


FRAMING PLAN
SCALE 3/4" = 1'-0"

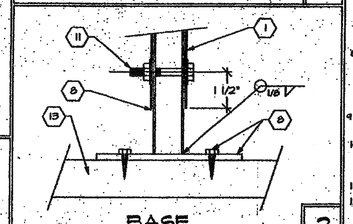


FRONT ELEVATION
SCALE 3/4" = 1'-0"

RAMP LANDING

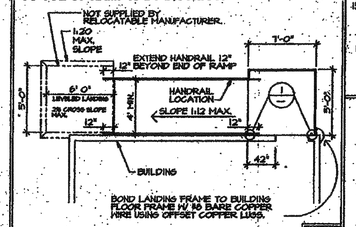


LANDING TO BUILDING 1

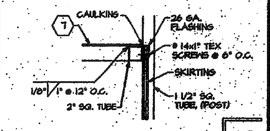


BASE 2

TRANSITION/BUILD UP FROM BOTTOM LANDING TO TOE OF RAMP IS BY DISTRICT.



HANDRAIL LOCATIONS 3



SKIRT FLASHING 13

KEYNOTES CBC 1998

1 UPRIGHT TUBE -
1-1/2"x 1-1/2"x 14 Ga. SQUARE TUBE. (I_y=.94IN^4)

2 HANDRAIL TUBE -
1 1/2"x1 1/2"x14 Ga. SQUARE TUBE. (I_y=.94IN^4)
(SMOOTH EASE CORNERS)

3 RAMP PERIMETER TUBE -
2"x2"x14 Ga. SQUARE TUBE. (I_y=.94IN^4)

4 LANDING PERIMETER TUBE -
1-1/2"x 2"x 14 Ga. RECTANGLE TUBE
OR 2"x 2"x 14 Ga. SQUARE TUBE.

5 RAMP CROSS TUBE -
2"x 2"x 14 Ga. SQUARE TUBE.

6 LANDING CROSS TUBE - @ PLYWD. EDGES
2"x 2"x 14 Ga. SQUARE TUBE.

7 MTL. DECK -

8 ADJUSTABLE LEGS -
1-1/4"x 1-1/4"x 14 Ga. SQUARE TUBE
WITH 3"x 6"x 1/4" THICK BASE PLATE
WELDED TO LEG. BASE PLATE TO HAVE
(2) 5/16" HOLES FOR 1/4" LAG BOLTS.

9 - 1-1/2" TUBE STEEL

10 WHEELCHAIR RAIL -
1"x 1" SQUARE TUBE- TACK WELDED TO
UPRIGHT MEMBERS.

11 5/8" DIA. MACHINE BOLTS.

12 6"x10 GA. PLATE W/ 9-#14x3" HD. SCREWS AT 4" O.C.
INTO STRUCTURAL WOOD MEMBERS OR 9 14x1 1/2" SELF
TAP SCREWS AT 12" O.C. INTO STRUCTURAL STEEL
MEMBERS.

13 CONT. SILL PL. 2 x 6 P.T.H.F.

14 NOT USED

15 HANDRAIL MOUNTING BRACKET-USE BRACKET WITH
5/8" x4" LAG BOLT TO NEW FIR STUD OR BLOCK.

16 DRIVE 4" DIA. x 15" GL. PIPE AT 10'-0" MAX. DRILL
SILL PL. 1/32" DIA. MAX. HOLE. PIPE MAY BE DRIVEN
AT A MAX. OF 45 DEG. ANGLE W/ VERTICAL.

PC

D.S.A.
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 - 101055
AC. PSI SS
DATE JUN 29 2020

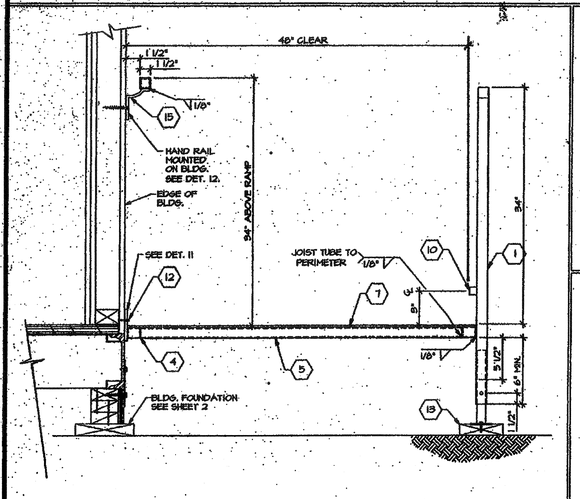
D.S.A.
DSA FORM 103
APP'D
APR 17 2020

STRUCT. ENGINEER
REGISTERED PROFESSIONAL ENGINEER
No. C 53857
CIVIL
STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2022

ARCHITECT

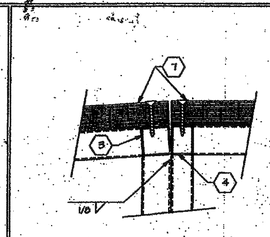
CHANGE ORDER

CHECKED BY

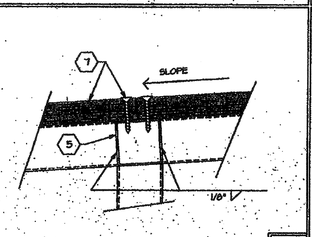


SECTION @ RAMP
SCALE 1 1/2" = 1'-0"

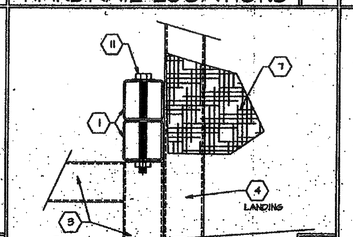
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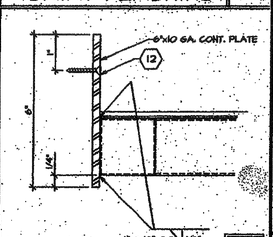
SUPPORT PLATE 8



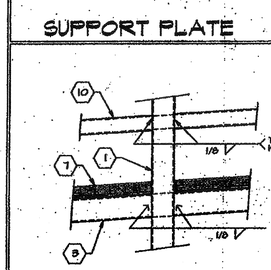
DECK & JOIST CONN. 6



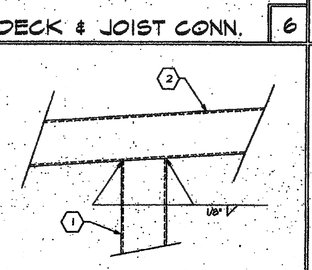
RAMP/LANDING CONN. 4



RAMP TO BUILDING 11

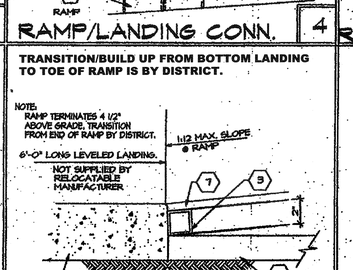


VERTICAL POST CONN. 9

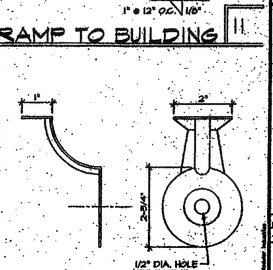


POST TO HANDRAIL 7

TRANSITION/BUILD UP FROM BOTTOM LANDING TO TOE OF RAMP IS BY DISTRICT.



CONC. LANDING TO RAMP 5



HANDRAIL MOUNT

AURORA MODULAR INDUSTRIES
18833 Cramers Ave., Riverside, CA. 92504
Phone (909) 787-0000
Fax (909) 787-0040
RELOCATABLE BUILDING TYP.
G.E. EQUIPMENT LEASING
STOCKPILE

RAMP PLAN AND DETAILS

BY JA DATE 8-14-08
SHEET R 1.0b
SCTB BOOK/REF. NO.

R51-R52

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019

CBC 1998

PC

D.S.A.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04-101055
AC FLS SS
DATE JUN 29 2005

D.S.A.

APR 17 2012

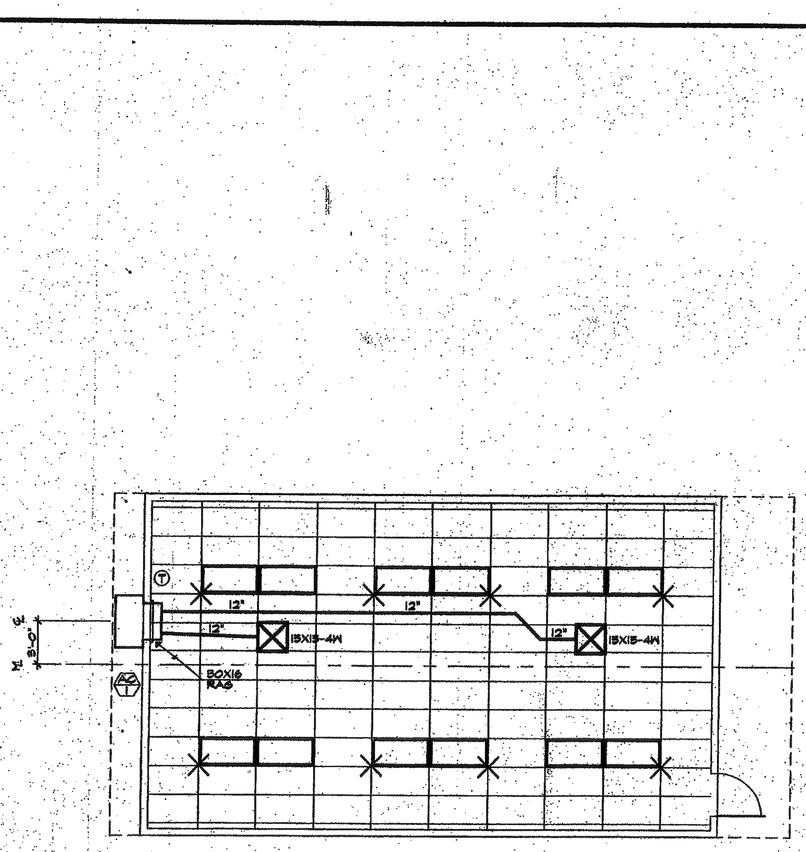
STRUCT. ENGINEER

LICENSE EXPIRES 6-30-1999

ARCHITECT

CHANGE ORDER

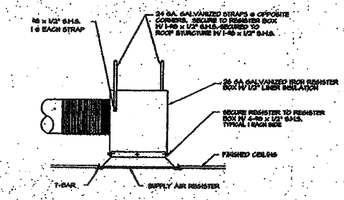
CHECKED BY



AIR CONDITIONING PLAN VIEW 24'X40' BUILDING

SCALE 1/4"-1'-0"

NOTE:
BUILDING TO BE
OPPOSITE HAND



REGISTER BOX DETAIL

N.T.S.

EQUIPMENT & MATERIAL SCHEDULE

AC MARVAIR MODEL# AVP42HFAC3NB WALL MOUNTED HEAT PUMP.
42,500 BTUH COOLING, SEER = 10.20
42,300 BTUH HEATING, HSPF = 6.80
1400 CFM NOMINAL @ .475 P_HT = 345 LBS.
208/230v-1PH-60CY, MAXIMUM F.L.A. = 49.58 AMPS.
W/FACTORY MOTORIZED DAMPER

SUPPLY AIR PLENUM:GALV. IRON SHEETS W/1" LINER INSULATION

INTERIOR DUCTWORK:FLEX DUCT CLASS 1 UL-181

REGISTER BOXES:GALV. IRON SHEETS W/ 1/2" LINER INSULATION

SUPPLY AIR REGISTERS:KRUEGER '6204-F28' SERIES

RETURN AIR GRILLES:METALAIRE 'RH' SERIES

THERMOSTAT:WHITE RODGERS 1F92 (@ +48" A.F.F.)

ATTACH ALL SUPPLY AND RETURN AIR REGISTERS TO REGISTER BOXES WITH 4-#8x1/2" S.M.S. - ATTACH REGISTER BOX TO ROOF STRUCTURE WITH 2-1 1/2" GALV. STRAPS AT OPPOSITE CORNERS

AURORA MODULAR INDUSTRIES
18333 Kinsman Ave., Riverside, Ca. 92504
Phone (909) 354-7196
Fax (909) 780-1903

RELOCATABLE BUILDING PACK
G.E. EQUIPMENT LEASING
STOCK FILE

AIR CONDITIONING PLAN VIEW

BY JD/MD DATE 6-22-99

SHEET

R51-R52

AGENCY TRACKING NO. 63321-355
FILE NO. 15-8

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC. FLS SS
DATE SEP 30 2019

ELITE MODULAR

WOOD & CONCRETE FOUNDATIONS PC

ELITE MODULAR LEASING & SALES, INC.
P.O. BOX 78447 CORONA CA 92877
PHONE: 951-422-2500 FAX: 951-943-3074

NOTE:
BELOW STATEMENT APPLICABLE AT W.U.I. AREAS ONLY

FOUNDATION PC TO BE COMPLIANT WITH WILD / URBAN INTERFACE ZONE (WUI)

- EXTERIOR UNDER FLOOR VENTS TO BE FULLY COVERED WITH CORROSION RESISTANT OPENING & NO LESS THAN 1/16". BUT NO MORE THAN 1/8" IN SIZE PER CBC 706A
- EXTERIOR WALLS MUST BE COMPRISED OF NON-COMBUSTIBLE MATERIAL PER CBC 707A
- THE SKIRTING BETWEEN THE FLOOR AND THE GRADE MUST BE CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL PER CBC 707A

NOTE: SEE DETAILS 6, 7, 8 & 9 ON SHEET DWF-01 FOR (WUI) DETAIL REFERENCES

SHEET INDEX

SHT NO.	
CP	COVER PAGE
	WOOD FOUNDATION
WFS-01	STRUCTURAL SPECIFICATIONS - WOOD FOUNDATIONS
WF-04	WOOD FOUNDATION PLAN - 24' x 40' (50+15 PSF)
~~WF-05~~	~~WOOD FOUNDATION PLAN - 36' x 40' (50+15 PSF)~~
~~WF-06~~	~~WOOD FOUNDATION PLAN - 48' x 40' (50+15 PSF)~~
~~WF-07~~	~~WOOD FOUNDATION PLAN - 24' x 40' (100 PSF)~~
~~WF-08~~	~~WOOD FOUNDATION PLAN - 36' x 40' (100 PSF)~~
~~WF-09~~	~~WOOD FOUNDATION PLAN - 48' x 40' (100 PSF)~~
~~WF-10~~	~~WOOD FOUNDATION PLAN - 24' x 40' (130 PSF)~~
~~WF-11~~	~~WOOD FOUNDATION PLAN - 36' x 40' (130 PSF)~~
~~WF-12~~	~~WOOD FOUNDATION PLAN - 48' x 40' (130 PSF)~~
WFD-01	WOOD FOUNDATION DETAILS - W.U.I. COMPLIANT OPTIONS
~~WFD-02~~	~~"OPTIONAL" WOOD FOUNDATION DETAILS~~
	CONCRETE FOUNDATION
~~CFS-01~~	~~STRUCTURAL SPECIFICATIONS - CONCRETE FOUNDATIONS~~
~~CFA-01~~	~~CONCRETE FOUNDATION PLAN - ABOVE GRADE - WOOD FLOOR~~
~~CFA-02~~	~~CONCRETE FOUNDATION PLAN - ABOVE GRADE - CONCRETE FLOOR~~
~~CFA-D01~~	~~CONCRETE FOUNDATION DETAILS - ABOVE GRADE~~
~~CFB-01~~	~~CONCRETE FOUNDATION PLAN - BELOW GRADE - WOOD FLOOR~~
~~CFB-02~~	~~CONCRETE FOUNDATION PLAN - BELOW GRADE - CONCRETE FLOOR~~
~~CFB-D01~~	~~CONCRETE FOUNDATION DETAILS - BELOW GRADE~~
~~CFB-D02~~	~~FOUNDATION DETAILS - CONCRETE~~

PREVIOUSLY APPROVED PC A-NUMBERS FOR USE WITH THIS FOUNDATION PC:

BUILDING DATA 24x40 RIGID FRAME

PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
~~PC-60~~	~~09/15/1993~~	~~24x40~~	~~50/50+20/100~~	~~MODTECH~~
~~PC 76~~	~~09/19/1992~~	~~24x40~~	~~50+20#~~	~~MODTECH~~
~~PC 116~~	~~03/13/1996~~	~~24x40~~	~~50 / 50+20#~~	~~AURORA~~
PC 243	05/11/1995	24x40	50+20#	MODTECH
PC 275	08/07/1998	24x40	50 / 50+20#	MODTECH
PC 282	09/03/1998	24x40	50+20#	MODTECH
PC 04-104798	07/07/2003	24x40	50+20#	MODTECH
PC 04-101419	10/13/1998	24x40	50 / 50+20#	MODTECH
PC 270	09/12/1999	24x40	50#/ft 50+20#	MODTECH
PC 105884	12/03/2007	24x40	50+20#	CURRENT/RHI
PC 04-100073	01/15/1998	24x40	50+20#	SMI
PC 259	04/07/1998	24x40	50/50+20/100	AURORA
PC 04-107246	09/07/1999	24x40	50/50+20/100	MSI
PC 362	01/20/1998	24x40	50+20#	EBS
PC 330	09/04/1997	24x40	50/50+20#	PACE SETTER
PC 260	05/10/1996	24x40	50/50+20/100/125#	AURORA

REV#1
APPROVED
DIVISION OF THE STATE ARCHITECT
ACS FLS SSS
A# 04-116392 DATE 3/15/2018

BUILDING DATA (EXPANDABLE BLOCKSIZES) RIGID FRAME

PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
~~04-102755~~	~~09/07/2001~~	~~24/36/48x40~~	~~50/50+20/100#~~	~~MODTECH~~
~~04-107557~~	~~09/21/2006~~	~~24/36/48x40~~	~~50/50+20/100#~~	~~SILVER CREEK~~
~~04-109082~~	~~09/09/2010~~	~~24-40x40~~	~~50/50+20/100#~~	~~SILVER CREEK~~
~~04-112077~~	~~10/8/2011~~	~~24-40x40~~	~~50/50+20/100#~~	~~SILVER CREEK~~
PC 4-109-659	03/09/2010	24/36/48-40x40	50/50+20/100/125#	SILVER CREEK
PC 4-112147	09/20/2011	24/36/48-40x40	50/50+20/100/125#	SILVER CREEK
PC 4-1144027	09/14/2015	24/36/48-40x40	50/50+20/100/125#	SILVER CREEK
PC 4-1152886	03/08/2015	24/36/48-40x40	50/50+20/100/125#	SILVER CREEK
PC 4-1161103	08/30/2017	24/36/48-40x40	50/50+20/100/125#	SILVER CREEK
PC 345	05/08/1995	24/36/48x40	50/50+20/100#	MODTECH
PC 79	11/06/1995	24/36/48x40	50/50+20/100#	MODTECH
PC 358	04/18/1995	24/36/48x40	50/50+20	MODTECH
PC 366	08/04/1995	24/36/48x40	50/50+20/100#	MODTECH
PC 101565	12/04/1995	24/36/48x40	50/50+20/100#	MODTECH
PC 04-101	05/22/2003	24/36/48x40	50/50+20/100#	MODTECH
389	02/27/1997	24/36/48x40	50/50+20#	MODTECH
PC 104385	06/06/2005	24/36/48x40	50/50+20/100#	AURORA
04-101055	05/01/1998	24/36/48x40	50/50+20/100#	AURORA
361	05/01/1998	24/36/48x40	50/50+20/100#	MSI
PC 362	01/20/1998	24/36/48x40	50/50+20/100#	MSI
04-103195	08/08/2001	24/36/48x40	50/50+20/100#	WALDEN
[illegible]	07/24/2018	24/36/48-120x40	50/50+15/100/125#	SILVER CREEK

REV#2
APPROVED
DIVISION OF THE STATE ARCHITECT
ACS FLS SSS
A# 04-116392 DATE 10/17/2018

REV#3
APPROVED
DIVISION OF THE STATE ARCHITECT
ACS FLS SSS
A# 04-116392 DATE 1/24/2019

APPLICABLE CODES

LIST OF 2016 CALIFORNIA CODE OF REGULATIONS

2016 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R.
2016 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
(2015 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2016 CALIFORNIA AMENDMENTS)
2016 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
(2014 NATIONAL ELECTRICAL CODE AND 2016 CALIFORNIA AMENDMENTS)
2016 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
(2015 UNIFORM MECHANICAL CODE AND 2016 CALIFORNIA AMENDMENTS)
2016 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
(2015 UNIFORM PLUMBING CODE AND 2016 CALIFORNIA AMENDMENTS)
2016 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
2016 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
(2015 INTERNATIONAL FIRE CODE AND 2016 CALIFORNIA AMENDMENTS)
2016 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
2013 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
2007 ASME A17.1 (w/A17.1B/CSA B44B-08 ADDENDA) SAFETY CODE FOR ELEVATORS AND ESCALATORS

ELITE MODULAR
LEASING & SALES, INC.
P.O. BOX 78447
CORONA CA 92877
PHONE: 951-422-2500
FAX: 951-943-3074

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF ELITE MODULAR LEASING & SALES INC (ELITE MODULAR) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT FIRST FULL KNOWLEDGE AND WRITTEN CONSENT OF ELITE MODULAR Inc.
ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH ELITE MODULAR Inc. Inc SHALL BE THE PROPERTY OF ELITE MODULAR Inc.

PROJECT NAME:

SHEET TITLE:
COVER SHEET

ARCHITECT OF RECORD
SUBMISSION DATE
No. C-32467
REN: 01-31-2019
STATE OF CALIFORNIA
DATE SIGNED
NOV 08 2017

PROJECT SPECIFIC STATE AGENCY APPROVAL
No. C-32467
REN: 01-31-2019
STATE OF CALIFORNIA

ORIGINAL PC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04-116392
AC. FLS SS
DATE NOV 08 2017

REVISIONS
- ADDED PC's 260 & 04-116668 TO LIST

PROJECT NO:
DRAWN BY: Y.C.
SCALE: AS NOTED
DATE: APRIL 25, 2017
SHEET NUMBER
CP

R51-R52

AGENCY TRACKING NO 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019

SPECIFICATIONS
RELOCATABLE CLASSROOMS

CARPENTRY:

1. SCOPE OF WORK: CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO INSTALL CARPENTRY
2. WORKMANSHIP:
   A. FRAMING: SECURELY NAILED, BRIDGED AND BLOCKED TO FORM RIGID STRUCTURE, WORK CUT, FITTED AND ASSEMBLED LEAVE, PLUMBING AND TRUE LINE. TRIM IN AS LONG LENGTHS AS POSSIBLE WITH ALL STANDING TRIM IN ONE PIECE. TRIM SEALED AT ALL EDGES.
   B. NAILING: IN ACCORDANCE WITH THE TITLE 24 CCR-TABLE 2304.10.1 NAILS SHALL BE CORROSION RESISTANT BOX NAILS.
   C. MACHINE APPLIED NAILING SHALL HAVE PRIOR DEMONSTRATION AND APPROVAL BY DSA FIELD INSPECTOR AND THE ARCHITECT. THE APPROVAL IS SUBJECT TO CONTINUOUS SATISFACTORY PERFORMANCE. PLYWOOD SHALL HAVE A MINIMUM THICKNESS OF 3/8". IF NAIL HEADS PENETRATE THE OUTER PLY MORE THAN WOULD BE NORMAL FOR A HAND HAMMER OR IF MINIMUM ALLOWABLE EDGE DISTANCES ARE NOT MAINTAINED, THE PERFORMANCE WILL BE DEEMED UNSATISFACTORY.
   D. TRIM: SEALED AT ALL EDGES. SEALANT PAINTED TO MATCH TRIM OR SIDING.

MATERIAL SPECIFICATIONS:

1. STRUCTURAL FRAMING SHALL BE HEM FIR-LARCH GRADED IN ACCORDANCE WITH THE STANDARD GRADING RULES OF THE WESTERN WOOD PRODUCTS ASSOCIATION OR STANDARD GRADING RULES NO. 16 OF THE WEST COAST LUMBER INSPECTION BUREAU, LATEST EDITIONS. GRADES SHALL BE AS OF FOLLOWS UNLESS NOTED OTHERWISE ON THE DRAWINGS. (HEM FIR SOUTH IS NOT ALLOWED) EACH PIECE SHALL BE GRADE MARKED AND NO PIECE MAY FALL BELOW GRADES INDICATED. ALL FRAMING EXCEPT AS NOTED HEM FIR #2.
2. PLYWOOD SHALL BE AS SHOWN ON THESE DRAWINGS WITH EXTERIOR GLUE IN ACCORDANCE WITH U.S. PRODUCT STANDARD PS 1-07. ALL PANELS SHALL BE MARKED WITH AN APA GRADE MARK WITH AN IDENTIFICATION INDEX AS SHOWN ON DRAWINGS. USE 4'X8' PANELS- MINIMUM, EXCEPT AT BOUNDARIES AND AT FRAMING CHANGES WHERE MINIMUM PANEL DIMENSION SHALL BE 24" AT ROOFS AND FLOORS AND 12" AT WALLS.
3. BOLTS FOR TIMBER CONNECTIONS SHALL CONFORM TO SNAI/ASME STANDARD B18.2.1-2012 & 2015 EDITION OF NDS (THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION BY THE NATIONAL FOREST PRODUCTS ASSOCIATION) BOLTS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENT OF 2015 NDS.
   BOLT HOLES SHALL BE 1/32 TO 1/16 INCH LARGER THAN BOLD DIAMETER. BOLTS SHALL BE FULL BODY WITH MINIMUM YIELD STRENGTH OF 45,000PSI. RE-TIGHTEN BOLTS BEFORE CLOSING IN WORK.
4. LAG SCREWS SHALL BE STEEL AND CONFORM TO ANSI/ASME STANDARDS B18.2.1 AND 2015 NDS. HOLES FOR LAG SCREWS SHANKS SHALL BE BORED THE SAME DEPTH AND DIAMETER AS THE SHANK. THE REMAINING DEPTH OF PENETRATION OF THE SCREW SHALL BE BORED TO 70% OF THE SHANK DIAMETER. OR QUARTER INCH (1/4") DIAMETER LAG SCREWS NEED NOT HAVE PRE-DRILLED HOLES IF IT CAN BE SHOWN THAT WOOD MEMBERS ARE NOT DAMAGED DURING INSTALLATION. PROVIDE FULL DIAMETER BODY LAG SCREWS WITH BENDING YIELD STRENGTHS PER TABLE 11J IN NDS.
5. PROVIDE MALLEABLE IRON WASHERS OR EQUIVALENT CUT PLATE WASHERS (NOT LESS THAN A STANDARD CUT WASHER) UNDER NUTS AND BOLT OR LAG SCREWS HEADS WHICH BEAR ON WOOD.
6. WOOD SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.6.1 AND THE REQUIREMENTS OF THE 2015 NDS. GALVANIZED OR OTHER CORROSION RESISTANT COATING WHERE EXPOSED TO WEATHER OR USED IN FOUNDATIONS. SCREWS SHALL BE STEEL WITH CUT THREADS AND BENDING YIELD STRENGTHS PER TABLE 11L IN NDS.
7. WOOD MEMBERS SHALL BE CUT OR NOTCHED ONLY AS SHOWN ON STRUCTURAL DRAWINGS.
8. WHEN REQUIRED NAILING TENDS TO SPLIT WOOD MEMBERS, NAIL HOLES SHALL BE PRE-BORED TO 3/4 OF THE NAIL DIAMETER.
9. STRUCTURAL NAILING SHALL BE WITH BOX NAILS PER ALL REQUIREMENTS OF 2015 NDS. NAILING NOT SPECIFICALLY INDICATED SHALL COMPLY WITH CCR TITLE 24, PART 2, TABLE 2304.10.1 ALL NAILS SHALL BE GALVANIZED OR OTHER CORROSION RESISTANT COATING WHERE EXPOSED TO WEATHER, IN FOUNDATIONS AND AS NOTED ON PLANS. PER THE REQUIREMENTS OF CCR TITLE 24, PAR2, WITH MINIMUM BENDING YIELDS PER TABLE 11N IN NDS. (SEE NAIL EQUIVALENCE BELOW)
10. NAIL EQUIVALENCE:
    (PROVIDE MINIMUM NAIL LENGHTS AS REQUIRED FOR SPECIFIED PENETRATION, TYPICAL: U.N.O)
    6D EQUALS .113" DIA - PROVIDE 1.36" MINIMUM POINT PENETRATION
    8D EQUALS .131" DIA - PROVIDE 1.57" MINIMUM POINT PENETRATION
11. PRESSURE PRESERVATIVE TREATMENT SHALL BE PER SECTION 2303.1.9. CCR TITLE 24, PART 2. PROVIDE QUALITY MARK ON AL TREATED FOUNDATION MEMBERS THAT COMPLY WITH CBC 2303.1.9.1. ALL FOUNDATION MEMBERS SHALL BE MARKED AS "FOR GROUND CONTACT" OR "FOR ABOVE GROUND USE" AS APPROPRIATE. PRESSURE TREATED MATERIAL SHALL COMPLY WITH AWPA STANDARD U1 AS REQUIRED BY CBC 2303.1.9 TREAT ALL CUT ENDS OF PRESSURE TREATED MEMBERS WITH AN APPROVED PRESERVATIVE. (WILLARD WB COOPER GREEN 25 OR AN APPROVED EQUIVALENT) WHERE NOTED MEMBERS BELOW THE SUB FLOOR THAT ARE NOT A PART OF THE FOUNDATION SHALL BE PRESSURE TREATED.
12. ONLY MATERIALS IN CONTACT WITH THE GROUND NEEDS TO BE PRESSURE TREATED, ALL OTHER FOUNDATION LUMBER CAN BE DF OR HF#2 OR EQUAL.
13. IF MACHINE NAILING IS UTILIZED FOR THIS PROJECT, CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF CCR TITLE 24, PART 2. MACHINE NAILING IS SUBJECT TO APPROVAL BY THE STRUCTURAL ENGINEER OR ARCHITECT AND THE DIVISION OF THE STATE ARCHITECT.
14. FASTENERS FOR PRESSURE-PRESERVATIVE TREATED AND FIRE-RETARDANT TREATED WOOD SHALL COMPLY WITH SECTION 2304.10.5 OF CBC.
15. NAILS AND SPIKES USED IN WET OR EXTERIOR LOCATIONS SHALL COMPLY WITH SECTION 2304.10.5 OF CBC
16. SHIM MATERIAL SHALL BE PLYWOOD CD EXP 1 OR EQUAL (NOT PRESSURE TREATED)
17. USE LUMBER IN GOOD CONDITION IS ACCEPTABLE FOR USE IN FOUNDATION SYSTEM
18. TIE PLATES SHALL FONFORM TO A-1011 GRADE 33.

SITE INSTALLATION REQUIREMENTS FOR DSA CLASSROOM BUILDINGS:

IN THE CASE OF EQUIPMENT LOCATED IN THE STATE OF CALIFORNIA, THE LESSEE (SCHOOL DISTRICT) IS RESPONSIBLE FOR THE SITE BEING CLEARED (FREE OF GRASS, TREES, SHRUBS, ETC) AND GRADED TO WITHIN 4 1/2" OF LEVEL GRADE FOR EACH BUILDING. IF THE SITE EXCEEDS THE 4 1/2" LEVEL GRADE REQUIREMENT ADDITIONAL COSTS MAY BE CHARGED TO LESSEE.

UNDER NO CIRCUMSTANCES SHOULD THE SITE BE GREATER THAN 9" FROM LEVEL GRADE OR HAVE LESS THAN 1000 PSF MINIMUM SOIL BEARING PRESSURE.

PRIOR TO DELIVERY, THE LESSEE SHALL MARK THE FOUND CORNERS OF THE BUILDING ON THE SITE, INCLUDING DOOR LOCATION. SHOULD SPECIAL HANDLING BE REQUIRED TO EITHER PLACE, INSTALL OR RELOCATE THE CLASSROOM ON THE LESSEE'S SITE DUE TO SITE OBSTRUCTION SUCH AS FENCING, LANDSCAPING, OTHER CLASSROOMS, ETC. ADDITIONAL COST WILL BE CHARGED TO LESSEE

SITE INSTALLATION REQUIREMENTS FOR DSA CLASSROOM BUILDINGS:

1. PROVIDE ELECTRICAL GROUND TEST PER DSA IR E-1
2. FIELD WELDING FOR WELDING TIE PLATE OPTION. (IF USED, REQUIRES TEST AND INSPECTION)

   THE EXAMPLE FORM DSA 103'S SHOWN ON THIS SHEET ARE FOR ILLUSTRATION PURPOSES ONLY. A FORM DSA 103 IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING INCORPORATED INTO AND ALL EXAMPLE FORM DSA 103'S ARE TO BE CROSSED OUT ON THIS DRAWING.

3. NO OTHER TEST AND INSPECTIONS ARE REQUIRED.

GENERAL REQUIREMENTS:

1. THE REQUIREMENTS OF THE GENERAL CONDITIONS OF THE AGREEMENT AND THESE GENERAL REQUIREMENTS APPLY TO THE SEVERAL TRADE SECTIONS WITH THE SAME FORCE AS THOUGH FULLY REPEATED IN EACH SECTION.
2. NAME BRANDS ARE INDICATED TO ESTABLISH A STANDARD OF QUALITY ITEMS OF EQUAL OR BETTER QUALITY MAY BE SUBSTITUTED FOR THE LISTED BRAND NAME PRODUCTS

SCOPE OF WORK:

1. THE WORK CONSISTS OF INSTALLING ON-SITE MODULAR RELOCATABLE BUILDINGS AS DEFINED HEREIN, SHOWN AND DETAILED ON THE DRAWINGS
2. ALL REQUIREMENTS OF CCR (CALIFORNIA CODE REGULATION) TITLE 19 AND 24 RELATING TO INSPECTIONS AND VERIFIED REPORTS SHALL BE COMPLIED WITH AND SHALL INCLUDE:

A. GENERAL RESPONSIBLE CHARGE OF FIELD ADMINISTRATION BY THE ARCHITECT OF RECORD.

B. INSPECTION DURING THE COURSE OF CONSTRUCTION BY AN INSPECTOR APPROVED BY DSA (DIVISION OF THE STATE ARCHITECT) AND THE DISTRICT ARCHITECT. THE INSPECTOR SHALL BE RESPONSIBLE FOR AND APPROVED TO INSPECT THE GENERAL CONSTRUCTION, WELDING, MECHANICAL AND ELECTRICAL WORK. COST OF THESE INSPECTIONS SHALL BE BORNE BY THE SCHOOL DISTRICT.
C. ON SITE INSPECTION OF THE BUILDING INSTALLATION, ELECTRICAL AND UTILITY OF THE BUILDING INSTALLATION OR CONNECTION BY AN INSPECTOR APPROVED BY THE DSA AND RETAINED BY THE SCHOOL DISTRICT.
D. OTHER SPECIAL TEST OR INSPECTIONS AS MAY BE REQUIRED BY DSA COST OF THESE INSPECTION TEST SHALL BE BORNE BY THE SCHOOL DISTRICT

WORK NOT INCLUDED:

1. ALL ON SITE OR OFF SITE UTILITIES AND THE CONNECTION OF THEM TO THE BUILDING UNLESS INDICATED ON THE DRAWINGS
2. ALL LEVELING, GRADING OR OTHER SITE PREPARATION (EXCEPT CONCRETE OR WOOD LEVELING STRIPS, WHERE REQUIRED) UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
3. FIRE ALARM SYSTEM, PROGRAM BELL, LOCK, PUBLIC ADDRESS SYSTEM, INTERCOM SYSTEM, TV SYSTEM, COMPUTER DATA OR ANY OTHER LOW VOLTAGE SYSTEM, UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR THE LEASE AGREEMENT.

ACCESSIBILITY OF SITE:

THE SCHOOL DISTRICT SHALL PROVIDE ACCESS TO THE SITE FOR THE INSTALLATION OF THE BUILDING. REMOVAL OF TREES, SHRUBS, FENCING, SPRINKLERS, ETC. NECESSARY FOR MOVE-IN AND REMOVAL OF THE BUILDINGS SHALL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT.

SITE ASSEMBLY:

1. SCOPE OF WORK: CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO PREPARE THE BUILDING ELEMENTS, TRANSPORT THEM FROM PLANT TO THE SITE AND COMPLETE THE ASSEMBLY AT THE SITE.
   THE CONDITION OF THE SITE, SUCH AS DRAINAGE AND SOIL BEARING CAPACITY, SHALL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT AND THE ARCHITECT ARCHITECT.
2. ASSEMBLY OF ELEMENTS:
   A. IN A LOCATION ON THE SITE AS DETERMINED BY THE DISTRICT ARCHITECT. THE CONTRACTOR SHALL PLACE THE FOUNDATION AS DETAILED ON THE DRAWINGS.
   B. THE ELEMENTS SHALL BE BROUGHT TO THE SITE ON A WHEEL ASSEMBLY AND TRANSFERRED TO THE PREPARED SITE. GREAT CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE ELEMENTS BY RACKING OR BUMPING.
   C. CONNECTION OF THE ELEMENTS TOGETHER SHALL BE DONE ACCORDING TO INSTRUCTIONS ON THE DRAWINGS. FLASHING, TRIM AND OTHER LOOSE ITEMS SHALL BE INSTALLED PER PLANS AND DETAILS OF THE ORIGINAL BUILDING MANUFACTURER'S DRAWINGS.

DESIGN DATA:

FLOOR LIVE LOAD = 50 PSF, 50+20 PSF PARTITIONS, 100 PSF
ROOF LIVE LOAD = 20 PSF REDUCIBLE FOR TRIBUTARY AREA
WIND SPEED = 120 MPH (V) (3 SECOND GUST), Kzt = 1.0, I = 1.0
SNOW LOAD = PROJECT IS NOT LOCATED IN A SNOW REGION
BUILDING CODES = 2015 IBC AND 2016CBC

SEISMIC DESING DATA:

BASIC SEISMIC FORCE RESISTING SYSTEM = STEEL MOMENT FRAME
ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE
SEISMIC DESIGN CATEGORY = E (PER CBC SECTION 1613.3.5)
DESIGN BASE SHEAR: 34140 BUILDING = 9460 # (ROOF, FLOOR, WALLS & PARTITIONS)
36340 BUILDING = 14190 # (ROOF, FLOOR, WALLS & PARTITIONS)
48440 BUILDING = 18920 # (ROOF, FLOOR, WALLS & PARTITIONS)

MOMENT FRAME PC'S:

I: = 1.0 Cd = 0.497 R: = 3.5 SITE CLASS = D
SS =3.73 (MAPPED VALUE MAX / 0.75 SS = 2.61 (FOR DESIGN VALUE MAX)
SDS =1.24 (SITE SPECIFIC DOCUMENTATION JUSTIFYING SDS SHALL BE SUBMITTED TO DSA PRIOR TO APPROVAL)
S1 =1.389 SD1 = 1.389
RISK CATEGORY = II

FLOOD DESIGN DATE:

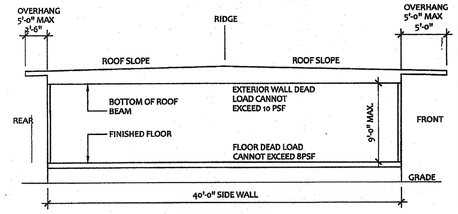
PROJECT IS NOT LOCATED IN A FLOOD ZONE

SOIL BEARING:
ALLOWABLE SOIL BEARING = 1,000 PSF

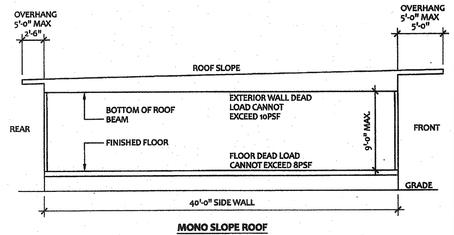
LIMITATIONS FOUNDATION PC ONLY:

FOUNDATION ONLY PC IS DESIGNED TO SUPPORT THE SUPERSTRUCTURE FOR THE RELOCATABLE BUILDINGS AS LISTED ON THIS DRAWING.

THE DESIGN CALCULATIONS ARE BASED ON THE FOLLOWING:
1. DAS APPROVED STOCKPILE BUILDINGS
2. ROOF OVERHANGS OF 5'-0" MAXIMUM
3. SINGLE SLOPE OR DUAL SLOPE BUILDINGS
   WALL HEIGHT: 9'-0" MAXIMUM ON DUAL SLOPE BUILDINGS.
   WALL HEIGHT: 10'-4" MAXIMUM ON SINGLE SLOPE BUILDINGS.
   (HEIGHT DETERMINED FROM FINISH FLOOR IN BUILDING TO BOTTOM OF STEEL ROOF STRUCTURE: BEAMS OR ROOF HEADERS)
4. WALL DEAD LOAD OF 10PSF (NOT STUCCO)
5. FLOOR DEAD LOAD OF 8PSF



DUAL SLOPE ROOF
NTS



MONO SLOPE ROOF
NTS

TYPICAL ELEVATIONS ARE SHOWN TO CLARIFY FOUNDATION PC ONLY LIMITATIONS DOCUMENTATION SHALL BE PROVIDED BY ENGINEER OR GENERAL RESPONSIBLE CHARGE TO BE REVIEWED AND APPROVED BY THE DSA STRUCTURAL PLAN REVIEWER

DSA — DEPARTMENT OF GENERAL SERVICES
DSA-103 rev 07/2016
Listing of Structural Tests & Special Inspections - 2016 CBC

INCREMENT # | DSA File No.: | Application No.: | Date Submitted: | Revised: | Revised:

School Name | District

IMPORTANT: This form is only a summary list of structural tests and some of the special inspections required for the project. Generally, the structural tests and special inspections noted on this form are those that will be performed by the Geotechnical Engineer of Record, Laboratory of Record, or Special Inspector. The actual complete test and inspection program must be performed as detailed on the DSA approved documents. The appendix at the bottom of this form identifies work NOT subject to DSA requirements for special inspection or structural testing. The project inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A.
NOTE: This form is also available for projects submitted for review under the 2007 and 2010

INSTRUCTION: Click a plus sign (+) before any category or subcategory to reveal additional tests and special inspections. A shaded box indicates a test or special inspection that may be required, depending on the scope of the construction and other issues. A shaded box can be clicked indicating your selection of that test. **Note:** A minus (-) on a category or subcategory heading indicates that it can be collapsed. However, any selections you may have made will be cleared. Click on the "COMPILE" button to show only the tests and inspections finally selected. For more information on use of this form, see DSA-103JANSTR.

Note: References are to the 2013 edition of the California Building Code (CBC) unless otherwise noted.

REQUIRED	TEST OR SPECIAL INSPECTION	TYPE†	PERFORMED BY‡	CODE REFERENCE AND NOTES
+	SOILS			Table 1705A.3
+	CONCRETE			TMS 402-11/ACI 530-11/ASCE 5-11 Table 1.18.3
+	MASONRY			Table 1705A.7.1
+	STEEL, ALUMINUM			
+	20. NONDESTRUCTIVE TESTING:			
+	21. STEEL JOISTS AND TRUSSES:			
+	22. SPRAY APPLIED FIRE-PROOFING:			
+	23. ANCHOR BOLTS, ANCHOR RODS, & OTHER STEEL:			
+	WOOD			
+	OTHER			

List of required verified report(s):

KEY to Columns	
1 Type -	2 Performed By -
Continuous – Indicates that a continuous special inspection is required	GE – Indicates that the special inspection is to be performed by a registered geotechnical engineer or his or her authorized representative
Periodic – Indicates that a periodic special inspection is required	LOR – Indicates that the test or inspection is to be performed by a testing laboratory accepted in the DSA Laboratory Evaluation and Acceptance (LEA) Program. See section 4-336, 2013 CCR Title 24, Part 1.
Test – Indicates that a test is required	SI – Indicates that the special inspection is to be performed by a special inspector

ELITE MODULAR
LEASING & SALES, INC.
P.O. BOX 78447
CORONA CA 92877
PHONE: 951-422-2500
FAX: 951-943-3074

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PROJECT NAME:

SHEET TITLE:
STRUCTURAL SPECIFICATIONS WOOD FOUNDATIONS

ARCHITECT OF RECORD
EXPIRATION DATE
No. 36982
STRUCTURAL ENGINEER
STATE OF CALIFORNIA
DATE SIGNED
LICENSE EXPIRES 6-30-18
NOV 08 2017

PROJECT SPECIFIC STATE AGENCY APPROVAL

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECKED PC DOCUMENT
CODE PLAN CHECK
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04-116392
AC FLS SS
DATE NOV 14 2017

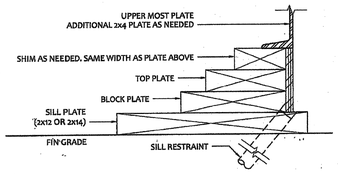
REVISIONS
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PROJECT NO:
DRAWN BY: Y.C.
SCALE: AS NOTED
DATE: APRIL 25, 2017
SHEET NUMBER
WFS-01

RS1-RS2

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

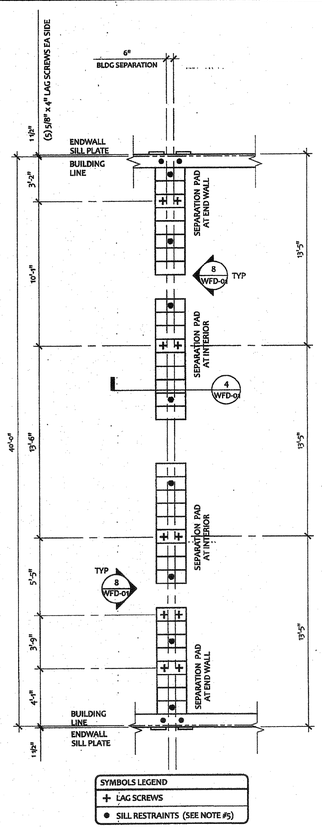
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC. ___ FLS ___ SS ___
DATE SEP 30 2019



FOUNDATION PLATE DESCRIPTION

1. BUILDINGS OVER 2160 SF, MUST BE INSTALLED ON A PERMANENT CONCRETE FOUNDATION PER IR 16-1.16 SECTION 4
2. FOUNDATION PLAN HAS A 1/4" ADDED AT EACH MODULE LINE AND DOES NOT MATCH THE FLOOR PLAN. ADDITIONAL LENGTH ADDED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULAR FLOORS.
3. FOUNDATION VENTS THAT OCCUR UNDER RAMP LANDINGS, PROVIDE AN EQUAL AREA OF SCREENED VENT IN LANDING SKIRT.
4. WOOD SILL (FOOTING) PLATES SHALL BE PRESSURE TREATED HEM-FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE. GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING BY OTHERS. THE WOOD SILL FOOTING PLATE MAY SUPPORT CONTINUOUS BLOCKING AND SHEATHING SKIRT WHICH NEED NOT BE TREATED.
5. SILL RESTRAINT:
   THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMPS AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES. AN ACCEPTABLE DESIGN WOULD INCORPORATE ONE-INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL O.D.) HOT DIPPED GALVANIZED PIPES OR ONE-INCH DIAMETER SOLID STEEL RODS SPACED AT NOT MORE THAN 10'-0" O.C. ONE PIPE / ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPES / RODS PER DISCONTINUOUS FOUNDATIONS STRIP. PIPES SHOULD PENETRATE INTO SOIL, CONCRETE, AND/OR PAVING A MINIMUM OF 12" MEASURED VERTICALLY. ALTERNATE OR EQUIVALENT DESIGNS, WHEN PROVIDED WITH STRUCTURAL CALCULATIONS AND DETAILS, WILL BE SUBMITTED TO DSA FOR REVIEW AND APPROVAL.
6. STACKED WOOD MEMBERS FOR FOUNDATIONS AND PRESSURE TREATED LUMBER SHALL BE NAILED WITH HOT DIPPED GALVANIZED PER ASTM A-153
7. VENTILATION OPENINGS SHALL BE COVERED FOR EITHER HEIGHT AND WIDTH WITH CORROSION - RESISTANT WIRE MESH, WITH A CLEAR "THROUGH" DIMENSION NOT EXCEEDING 1/8" ACTING AS A VERMIN BARRIER.
8. VENTING CALCULATION REQUIREMENTS FOR MULTIPLE BUILDING SETS MUST BE CALCULATED WITH OVERALL SQUARE FOOTAGE INCLUDING SEPARATION.
9. FOR FOUNDATION ANCHORAGE ON CONCRETE PAD, SEE DETAIL 15/WFD-01
10. IF OPTIONAL ENDWALL VENTS ARE APPLIED, SILL PLATE AND BLOCK PLATE MUST BE CONTINUOUS. VENT OPENINGS SHALL BE BROKEN ABOVE THE BLOCK PLATE
11. FOR FOUNDATION SPLICE - SEE 5/WFD-01
12. CRAWLSPACE VAPOR RETARDERS (OPTIONAL):
    THE OPTIONAL TOTAL AREA OF VENTILATION OPENINGS IS PERMITTED TO BE REDUCED TO 1/1500 FACTOR WITH AN APPROVED VAPOR RETARDER MATERIAL PER CBC SECTION 1203.3.2(2).
    MATERIALS:
    GROUND SURFACE COVERED WITH AN APPROVED VAPOR RETARDER MATERIAL; MUST HAVE A PERM RATING OF ONE OR LESS; SHOULD BE CONTINUOUS; POLYETHELYNE FILM (≥ 6 MIL); POOL LINER (PUNCTURE RESISTANT); AND POLYETHELYNE FILM WITH RAT SLAB.
    INSTALLATION RECOMMENDATIONS:
    OVERLAP JOINTS BY 6 INCHES; TAPE OR SEAL ALL JOINTS; ATTACH VAPOR RETARDER OVER SILL PLATE PER 10/WFD-01; SEAL TO ALL PIERS AND OTHER PENETRATIONS.
13. ENDWALL VENTS (IF REQ'D) SHALL BE LOCATED A MIN OF 24" FROM BUILDING CORNERS. MAXIMUM ONE ENDWALL VENT PER 12'-0" MODULE
14. CONCRETE FLOOR LOAD IS INCLUDED IN THE CONCRETE FOUNDATION OPTION FOR FOUNDATION & ANCHORAGE DESIGN, I.E. THERE IS NO CONCRETE FLOOR FOR WOOD FOUNDATION OPTION. THERE IS CONCRETE FLOOR FOR CONCRETE FOUNDATION OPTION
15. IF PARAPET IS HIGHER THAN 18". COMBINATION REQUIRES A 2 X 14" OR 2 X 16" SILL PLATE @ EXTERIOR OF BUILDING
16. 150 PSF FLOOR LIVE LOAD OPTION CANNOT BE USED WITH THE STUCCO WALL OPTION
17. VENTS AT MODLINE FOUNDATIONS. THE MINIMUM CRITERIA REQUIREMENT AS FOLLOWS:
    A. VENTS HAVE A MINIMUM OF 2 SILL/BLOCKING PLATES BENEATH.
    B. VENTS ARE A MAXIMUM OF 6" LONG x 3" MIN. HIGH.
    C. VENTS ARE SPACED A MINIMUM OF 8" APART (EDGE TO EDGE) AND 24" MIN. FROM CORNERS.

NOTES



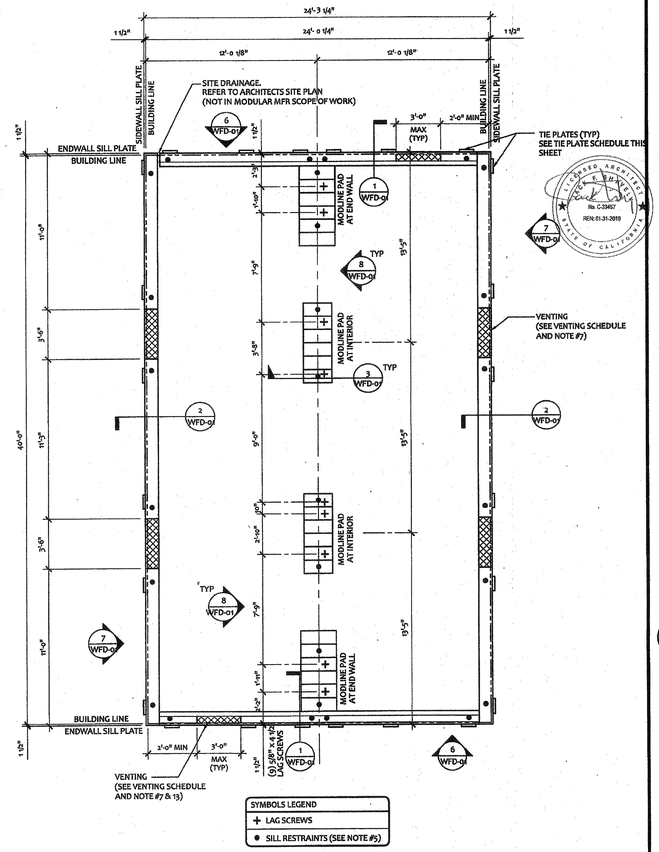
SCALE: 1/4" = 1'-0"

FOOTING AT SEPARATION-ONE BUILDING | 3

- ☐ 60'-6" X 40' BUILDING: 2420 SF / 150 = 16.13 SF VENT REQ'D
  (4) - "A" VENT = 5.25 SF
  (10) - "C" VENT = 11.25 SF
  16.5 SF TOTAL VENTILATION (> 16.13 SF)
- ☐ 73'-0" X 40' BUILDING: 2920 SF / 150 = 19.46 SF VENT REQ'D
  (5) - "A" VENT = 5.25 SF
  (12) - "C" VENT = 13.50 SF
  20.06 SF TOTAL VENTILATION (> 19.46 SF)
  (VAPOR BARRIER REQUIRED)
- ☐ 85' x 40' BUILDING: 3400 SF / 150 = 22.66 SF VENT REQ'D
  (6) - "A" VENT = 7.87 SF
  (14) - "C" VENT = 15.75 SF
  23.62 SF TOTAL VENTILATION (> 22.66 SF)
  (VAPOR BARRIER REQUIRED)
- ☐ 97'-6" X 40' BUILDING: 3900 SF / 150 = 26 SF VENT REQ'D
  (7) - "A" VENT = 9.1875 SF
  (16) - "C" VENT = 18.00 SF
  27.18 SF TOTAL VENTILATION (> 26 SF)
  (VAPOR BARRIER REQUIRED)
- ☐ 109'-6" X 40' BUILDING: 4380 SF / 150 = 29.2 SF VENT REQ'D
  (7) - "A" VENT = 9.1875 SF
  (18) - "C" VENT = 20.25 SF
  29.43 SF TOTAL VENTILATION (> 29.2 SF)
  (VAPOR BARRIER REQUIRED)
- ☐ 122'-0" X 40' BUILDING: 4880 SF / 150 = 32.53 SF VENT REQ'D
  (8) - "A" VENT = 10.5 SF
  (20) - "C" VENT = 22.5 SF
  33 SF TOTAL VENTILATION (> 32.53 SF)
  (VAPOR BARRIER REQUIRED)

NOTE:
VENTING REQUIREMENTS MAY BE RE-CALCULATED
DEPENDING ON GRADE CONDITIONS ON A PER-JOB BASIS

VENTING CALCULATIONS (VARIOUS BLDG. SIZES) | 2



FOUNDATION PLAN | SCALE: 1/4" = 1'-0" | 1

WOOD FOUNDATION PLATE SCHEDULE - 50 + 15 PSF

PLATES	END WALL	SIDE WALL	MODLINE PAD AT END WALL	MODLINE PAD AT INTERIOR	SEPARATION PAD AT ENDWALL ONE BLDG	SEPARATION PAD AT INTERIOR ONE BLDG
ADDITIONAL TOP PLATE (AS NEEDED)	2x4	2x4	2x6	2x6	2x12	2x12
TOP	2x6	2x6	2x8	2x8	2x12	2x12
BLOCK	2x8	2x8	2x10	2x10	2x12	2x12
SILL	2x12 (2x14)[15]	2x12 (2x14)[15]	(6) 2x12 X 2'-0"	(6) 2x12 X 2'-6"	(7) 2x12 x 2'-0"	(10) 2x12 x 2'-0"

KEY PLAN VENTING SCHEDULE

VENT "A" (SIDEWALL): 3'-6" X 4.5" = 1.3125 S.F. VENTILATION
"VENT OPENING BELOW CONT UPPER PLATE"

VENT "B" (ENDWALL): 3'-0" X 3" = 0.75 S.F. VENTILATION
(OPTIONAL AT MULTIPLE BLDG SETS) "VENT OPENING ABOVE CONT. SILL AND BLOCK PLATE"

VENT "C" (ENDWALL): 3'-0" X 4 1/2" = 1.125 S.F. VENTILATION
(OPTIONAL AT MULTIPLE BLDG SETS) "VENT OPENING ABOVE CONT. SILL AND BLOCK PLATES"

NAILING SCHEDULE

BUILDING SIZE	(2) 16d BOX NAILS PLATE TO PLATE ATTACHMENT BELOW UPPER MOST PLATE
24' x 40'	8" OC AT ENDWALL - 1 / F-0.50 12" OC AT SIDEWALL - 2 / F-0.50 12" OC AT SEPARATION - 4 / F-0.50

VENTING SCHEDULE

BUILDING SIZE	BUILDING AREA	REQ. VENTING	SIDE VENTING	END VENTING	TOTAL VENTING SUPPLIED
24' x 40'	960 SF	6.4 SF (1/150)	3'-6" x 4.5" = (4) 1.3125 SF/EA (5.25 SF TOTAL)	3'-0" x 3" = (2).75 SF/EA (1.5 SF TOTAL)	6.75 SF

TIE PLATE SCHEDULE

BUILDING SIZE	SIDE WALL TIE PLATES	END WALL TIE PLATES	TOTAL NUMBER OF TIE PLATES
24' x 40'	6	6	24

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PROJECT NAME:

SHEET TITLE:
WOOD FOUNDATION PLAN
24x40 (50 & 50+15 PSF)

REGISTERED ARCHITECT
JAMES R. EWING
No. C-33457
REN: 01-31-2019
STATE OF CALIFORNIA

PROJECT OF RECORD
DIVISION OF THE STATE ARCHITECT
REGISTERED PROFESSIONAL ENGINEER
JAMES T. BUTLER
No. 3802
STRUCTURAL
STATE OF CALIFORNIA
DATE SIGNED
NOV 08 2017
LICENSE EXPIRES 6-30-18

PROJECT SPECIFIC STATE AGENCY APPROVAL

ORIGINAL PC STATE AGENCY APPROVAL
PRE-CHECK (PC) DOCUMENT CODE: 2016 CBC
A SEPARATE PERMIT APPLICATION FOR CONSTRUCTION IS REQUIRED
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04-116392
AC. ___ FLS ___ SS ___
DATE: NOV 1 & 2017

REVISIONS
1 2 3 4 5 6 7

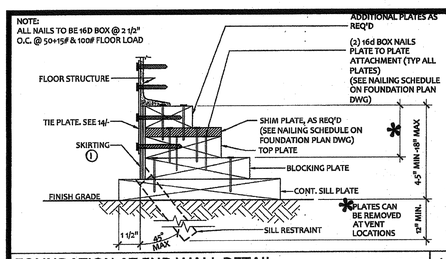
PROJECT NO:
DRAWN BY: Y.C.
SCALE: AS NOTED
DATE: APRIL 25, 2017
SHEET NUMBER
WF-04

R51-R52

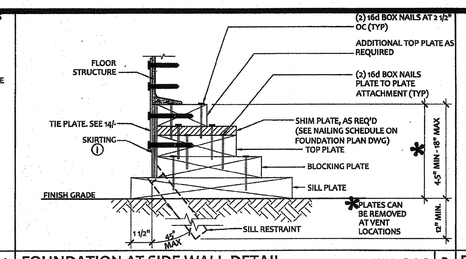
AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120184
AC ___ FLS ___ SS ___
DATE SEP 30 2019

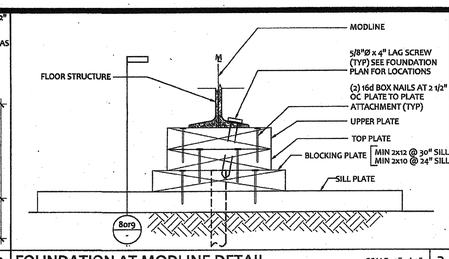
NOTE:
ALL NAILS TO BE 16D BOX @ 2 1/2" O.C. @ 50+15lF & 100lF FLOOR LOAD



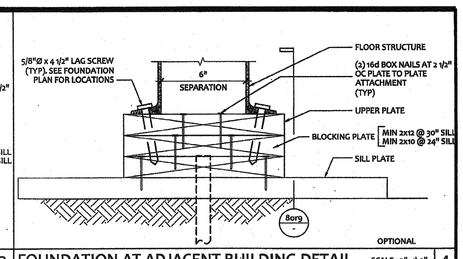
FOUNDATION AT END WALL DETAIL SCALE : 3"=1'-0" 1



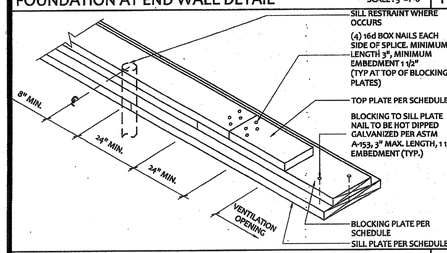
FOUNDATION AT SIDE WALL DETAIL SCALE : 3"=1'-0" 2



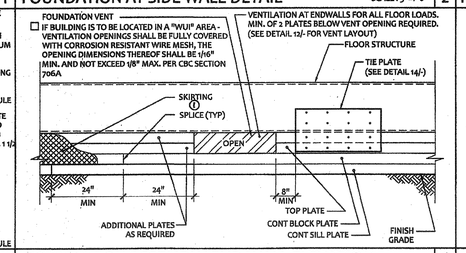
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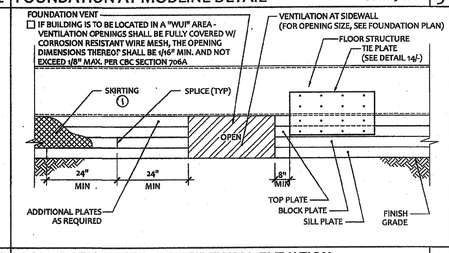
FOUNDATION AT ADJACENT BUILDING DETAIL SCALE : 3"=1'-0" 4



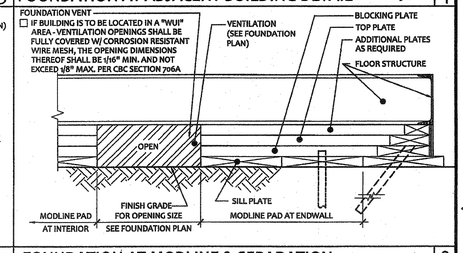
FOUNDATION SPLICE DETAIL SCALE : NTS 5



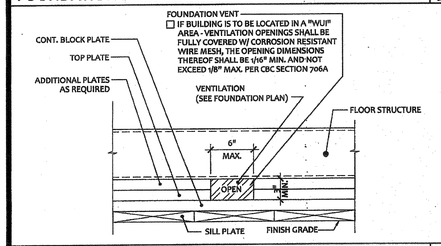
FOUNDATION ASSEMBLY END WALL ELEVATION SCALE : 1 1/2"=1'-0" 6



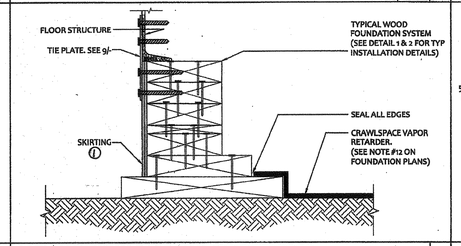
FOUNDATION ASSEMBLY SIDEWALL ELEVATION SCALE : 1 1/2"=1'-0" 7



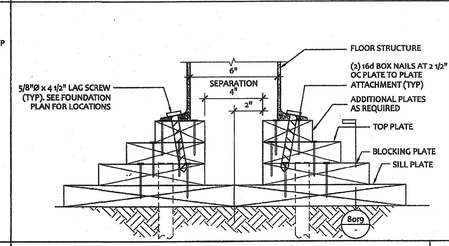
FOUNDATION AT MODLINE & SEPARATION SCALE : 1 1/2"=1'-0" 8



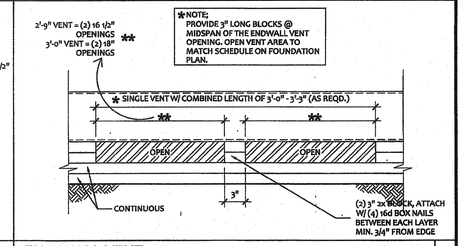
VENT ELEV. AT MODLINE & SEP FOR 150 PSF SCALE : 3"=1'-0" 9



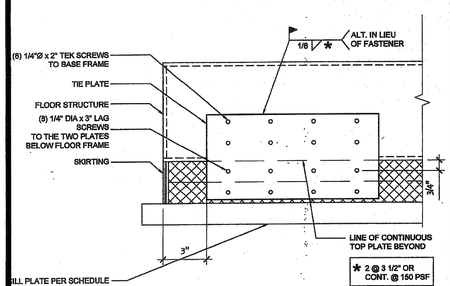
OPTIONAL CRAWLSPACE VAPOR RETARDER SCALE : 3"=1'-0" 10



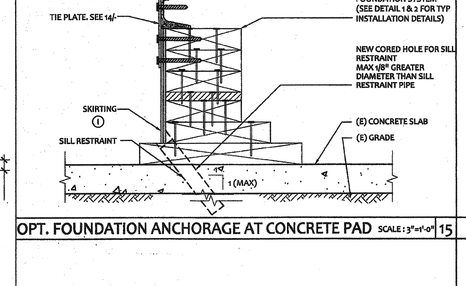
FOUNDATION AT ADJACENT BUILDING SCALE : 3"=1'-0" 11



END WALL VENT SCALE : 1 1/2"=1'-0" 12



TIE PLATE DETAIL SCALE : 3"=1'-0" 14



OPT. FOUNDATION ANCHORAGE AT CONCRETE PAD SCALE : 3"=1'-0" 15

ⓘ FOR W.U.I. COMPLIANCE - PROVIDE NON-COMBUSTIBLE SKIRTING MATERIAL PER ICC-ES ESR-1856

ELITE MODULAR
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P.O. BOX 78447
CORONA CA 92877
PHONE: 951-422-2500
FAX: 951-943-3074

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PROJECT NAME:

SHEET TITLE:
FOUNDATION DETAILS
WOOD

REGISTERED PROFESSIONAL ENGINEER
STRUCTURAL
No. 39084
STATE OF CALIFORNIA
DATE SIGNED NOV 08 2017
LICENSE EXPIRES 6-30-18

PROJECT SPECIFIC STATE AGENCY APPROVAL

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (PC) DOCUMENT
A SUPPLEMENT TO APPLICATION FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04-116392
AC ___ FLS ___ SS ___
DATE NOV 1 1 2017

REVISIONS

PROJECT NO:	
DRAWN BY:	Y.C.
SCALE:	AS NOTED
DATE:	APRIL 25, 2017

SHEET NUMBER
WFD-01

R51-R52

AGENCY TRACKING NO 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC / FLS / SS
DATE SEP 30 2019

AURORA

RELOCATABLE CLASSROOM BUILDING

24 x 40

ELITE MODULAR
EML 1073
RELOCATION PACKAGE
FROM STOCKPILE TO SITE SPECIFIC
(x4) 24x40 R.H. DOOR UNITS
S.N.s 201600-01, 21606-07, 21624-25, 21810-11
FOR BAKERSFIELD CITY SD
BESSIE OWENS PRIMARY

D.S.A.
REVISED
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
PC 253
AC 24 FLS 06
DATE 3.10.20
ACS: D. ROMLESON
FLS: G. HIGGINS
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
APPLICATION NO. 03-120134
NO. 24 FLS 06
DATE 3-24-20
ACS: D. ROMLESON
FLS: G. HIGGINS
CHECKED
REVISIONS

DIVISION OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
100246
DATE 3-3-20
FLS: P. ALLAIRE
G. HIGGINS
D. ROMLESON

No. C-33467 REGISTERED PROFESSIONAL ENGINEER JACK F. SHIVELY STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2020

AURORA MODULAR INDUSTRIES
16833 Kromeria Ave., Riverside, CA 92504
(909) 785-2525 FAX (909) 785-2763

RELOCATABLE BUILDING FOR:
G.E. CAPITAL MODULAR SPACE

FIRE ALARM NOTES

NFPA 13- Automatic Sprinkler Systems,	1994 Edition
NFPA 14- Standpipes Systems,	1993 Edition
NFPA 17A- Wet Chemical Systems.	1990 Edition
NFPA 24- Private Fire Mains,	1992 Edition
(California Amended) NFPA 72- National Fire Alarm Codes,	1993 Edition
NFPA 253- Critical Radiant Flux of Floor Covering Systems,	1989 Edition
NFPA 2001- Clean Agent Fire Extinguishing Systems,	1994 Edition

APPLICABLE CODES

1995 Building Standards Administrative Code, Part 1, Title 24 C.C.R.
1995 California Building Code (CBC), Part 2, Title 24 C.C.R.; (1994 Uniform Building Code volumns 1-3 and 1995 California Amendments)
1995 California Electrical Code (CEC), Part 3, Title 24 C.C.R. (1993 National Electrical Code and 1996 California Amendments)
1995 California Mechanical Code (CMC), Part 4, Title 24 C.C.R.; (1994 Uniform Mechanical Code and 1995 California Amendments)
1995 California Plumbing Code (CPC), Part 5, Title 24 C.C.R.; (1994 Uniform Plumbing Code and 1995 California Amendments)
1995 California Fire Code (CFC), Part 9, Title 24 C.C.R.; (1994 Uniform Fire Code and 1995 California Aendments)
1995 California Referenced Standards Code, Part 12, Title 24 C.C.R.
1990 Title 19, CCR, Public Safety, state Fire Marshall Regulations

BLDG. DATA (50 LBS STANDARD)

OCCUPANCY	E-1
TYPE OF CONSTRUCTION	V - NON RATED
WIND LOAD	70 m.p.h. EXPOSURE 'C'
FLOOR LIVE LOAD	50 lbs/sq. ft.
ROOF LIVE LOAD	20 lbs/sq. ft.
BUILDING DATA	960 sq. ft.
SYSTEM:	R16ID FRAME
MODULES:	TWO 12'x 40'
FOUNDATION:	WOOD
FOUNDATION:	CONCRETE
FOUNDATION:	FLUSH W/ GRADE CONCRETE

~~BLDG. DATA (50 PSF+20 LBS PARTITIONS OPTION)~~

OCCUPANCY	E-1
TYPE OF CONSTRUCTION	V - NON RATED
WIND LOAD	70 m.p.h. EXPOSURE 'C'
FLOOR LIVE LOAD	50 lbs/sq. ft. + 20 LBS. PARTITIONS
ROOF LIVE LOAD	20 lbs/sq. ft.
BUILDING DATA	960 sq. ft.
SYSTEM:	R16ID FRAME
MODULES:	TWO 12'x 40'
FOUNDATION:	WOOD
FOUNDATION:	CONCRETE
FOUNDATION:	FLUSH W/ GRADE CONCRETE

~~BLDG. DATA (100 PSF OPTION)~~

OCCUPANCY	E-1
TYPE OF CONSTRUCTION	V - NON RATED
WIND LOAD	70 m.p.h. EXPOSURE 'C'
FLOOR LIVE LOAD	100 lbs/sq. ft.
ROOF LIVE LOAD	20 lbs/sq. ft.
BUILDING DATA	960 sq. ft.
SYSTEM:	R16ID FRAME
MODULES:	TWO 12'x 40'
FOUNDATION:	WOOD
FOUNDATION:	CONCRETE
FOUNDATION:	FLUSH W/ GRADE CONCRETE

~~BLDG. DATA (125 PSF OPTION)~~

OCCUPANCY	E-1
TYPE OF CONSTRUCTION	V - NON RATED
WIND LOAD	70 m.p.h. EXPOSURE 'C'
FLOOR LIVE LOAD	125 lbs/sq. ft.
ROOF LIVE LOAD	20 lbs/sq. ft.
BUILDING DATA	960 sq. ft.
SYSTEM:	R16ID FRAME
MODULES:	TWO 12'x 40'
FOUNDATION:	WOOD
FOUNDATION:	CONCRETE
FOUNDATION:	FLUSH W/ GRADE CONCRETE

INDEX

0 COVER SHEET, SHEET INDEX, & BUILDING DATA
1 FLOOR PLAN, ROOF PLAN, BUILDING ELEVATIONS
~~2A FOUNDATION PLAN AND DETAILS (WOOD 50 LBS. LIVE LOAD)~~
~~2B FOUNDATION PLAN AND DETAILS (WOOD 50 LB. L. L. + 20 LBS. PARTITIONS)~~
~~2C FOUNDATION PLAN AND DETAILS (WOOD 100 LBS. LIVE LOAD)~~
~~2D FOUNDATION PLAN AND DETAILS (WOOD 125 LBS. LIVE LOAD)~~
~~2E FOUNDATION PLAN AND DETAILS (CONC. 50 LB. L. L. ABOVE GRADE)~~
~~2F FOUNDATION PLAN AND DETAILS (CONC. 50 LB. L. L. + 20 LBS. PARTITIONS, ABOVE GRADE)~~
~~2G FOUNDATION PLAN AND DETAILS (CONC. 100 LB. L. L. ABOVE GRADE)~~
~~2H FOUNDATION PLAN AND DETAILS (CONC. 125 LB. L. L. ABOVE GRADE)~~
~~2I FOUNDATION PLAN AND DETAILS (CONC. 50 LB. L. L. FLUSH WITH GRADE)~~
~~2J FOUNDATION PLAN AND DETAILS (CONC. 50 LB. L. L. + 20 LBS. PARTITIONS, FLUSH WITH GRADE)~~
~~2K FOUNDATION PLAN AND DETAILS (CONC. 100 LB. L. L. FLUSH WITH GRADE)~~
~~2L FOUNDATION PLAN AND DETAILS (CONC. 125 LB. L. L. FLUSH WITH GRADE)~~
3 BUILDING SECTIONS AND WALL FRAMING
4 TYPICAL DETAILS
5 FLOOR FRAMING, ROOF FRAMING & STRUCTURAL ELEVATIONS
5.1 STEEL TRUSS SECTION AND DETAILS
~~6A STRUCTURAL DETAILS (BUILT-UP ROOFING)~~
6B STRUCTURAL DETAILS (22 GA. ROOFING)
~~6C STRUCTURAL DETAILS (26 GA. ROOFING)~~
7 REFLECTED CEILING PLAN & DETAILS
8 ELECTRICAL POWER & LIGHTING PLAN, AND PANEL SCHEDULE
9 SPECIFICATIONS & INTERIOR & EXTERIOR & FINISH SCHEDULES
~~R-1 RAMP PLAN AND DETAILS (METAL DECK)~~
R-1 RAMP PLAN AND DETAILS (WOOD DECK) ALT.
M-1 AIR CONDITIONING PLAN.

INDEX FOR ALTERNATE RESTROOM FLOOR PLAN

1. FLOOR, ROOF PLAN, BLDG. ELEVATIONS (RESTROOM FLOOR PLAN)
7 REFLECTED CEILING PLAN & DETAILS (RESTROOM FLOOR PLAN)
8 ELEC. & LIGHTING PLAN (RESTROOM FLOOR PLAN)

NOTE: THESE SHEETS ARE TO BE USED IF THE ORDER IS FOR A RESTROOM. ALL OTHER SHEET STILL APPLY

COVER SHEET, SHEET INDEX, BUILDING DATA

BY JSR DATE
SHEET 0
CAD FILE NO. PC253-0.DWG

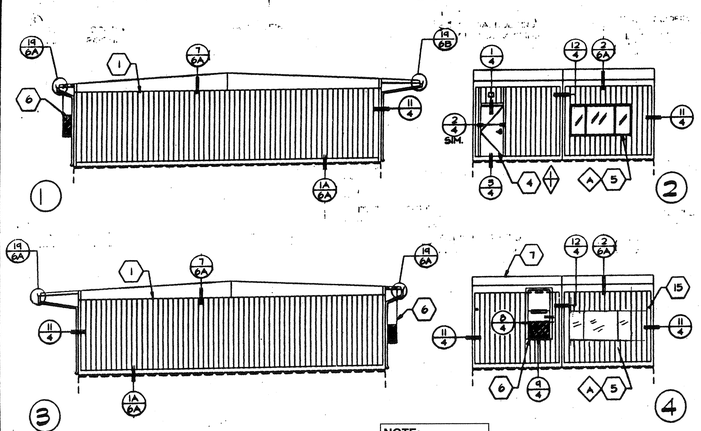
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R53-R56

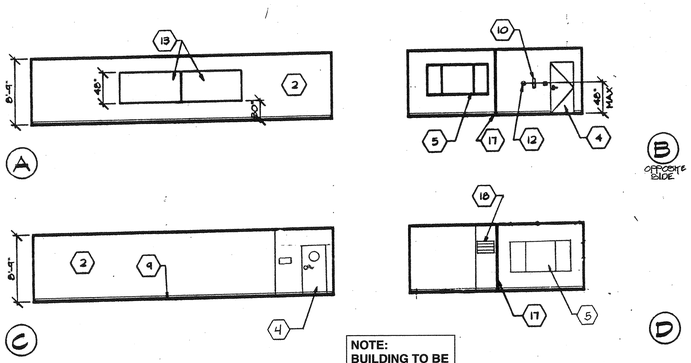
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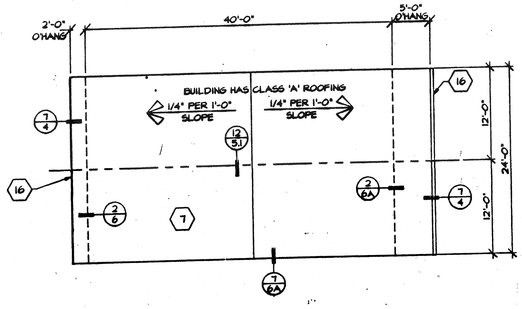
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134-01
AC ___ FLS ___ SS ___
DATE SEP 30 2019



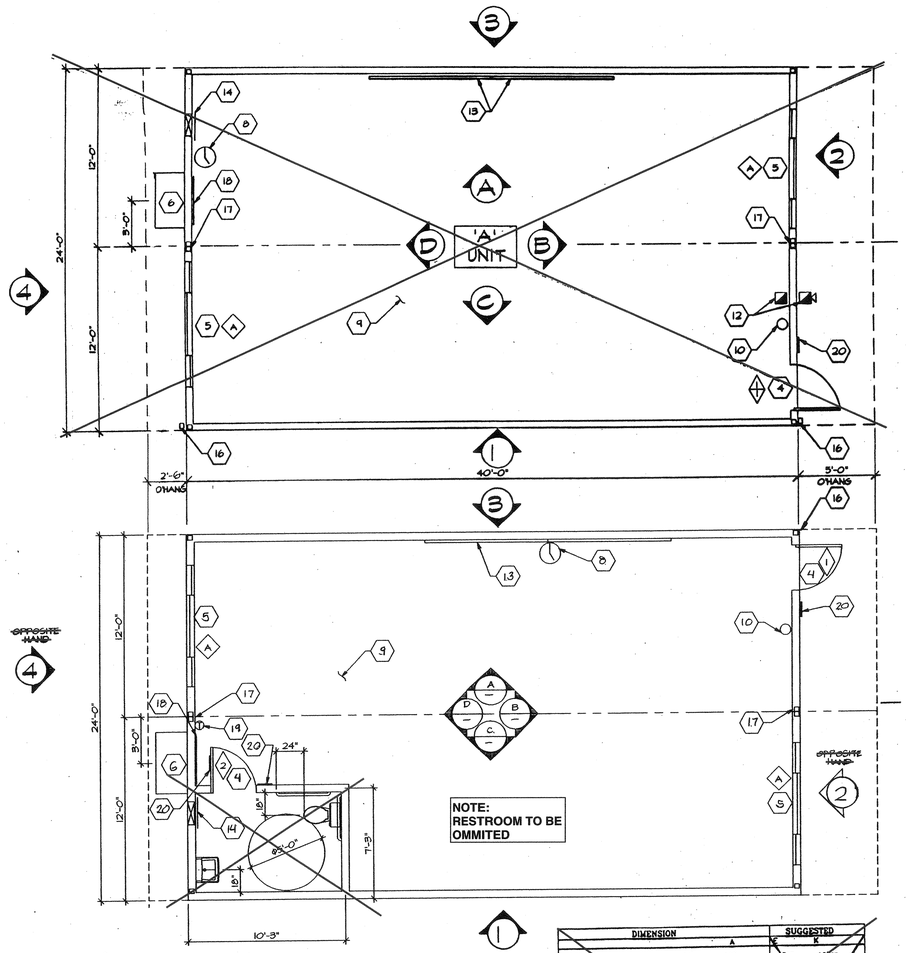
EXTERIOR ELEVATIONS
SCALE: 1/8" = 1'-0"



INTERIOR ELEVATIONS
SCALE 1/8" = 1'-0"



ROOF PLAN
SCALE: 1/8" = 1'-0"



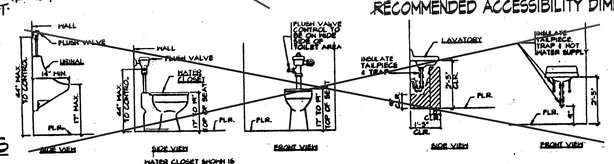
FLOOR PLANS
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SERIAL NUMBERS:
21600-01, 21606-07,
21624-25, 21810-11

PLUMBING FIXTURES

(W) FLOOR MOUNTED WATER CLOSET ATHER JOHNSON "CADET" 2.210.143 17" HIGH VITREOUS CHINA ELONGATED BOWL W/ SIPHON JET ACTION 1½" TOP SPUD, WITH 19.2350.0 CLOSET RING, ANDERSON, OBSOLETE 1" HIGH WHITE OPEN FRONT ELONGATED SEAT LESS COVER.

(L) 20 x 17 x 6" WALL TYPE LAV. ATHER JOHNSON "LUCERNE 0356.021 VITREOUS CHINA BOWL DRILLED FOR CONCEALED LAVATORY ARM ASSEMBLY: SMITH 720 WALL MOUNTED ARM ASSEMBLY PEAT PART NO. 760 BRASS STRAINER CHICAGO 333.335.665 LEVER HANDLE FAUCET.



HANDICAP FIXTURE ELEVATIONS

DIMENSION	A	SUGGESTED E	SUGGESTED K
TOILET CENTERLINE FROM WALL	18"	18"**	12"**
TOILET SEAT HEIGHT	15"-19"	15"	10"-12"
GRAB BAR HEIGHT (SIDE)	33"-36"	27" TOP OF SEAT	10"
TOILET PAPER IN FRONT OF TOILET	12" MAX.	8" MAX**	8" MAX**
NAPKIN DISPOSAL IN FRONT OF TOILET	12" MAX.	N/A	N/A
DISPENSER OR MIRROR HEIGHT	40" MAX.	36" MAX.	30" MAX.
LAVATORY/SINK TOP HEIGHT	34" MAX.	29" MAX.	24" MAX.
LAVATORY/SINK KNEE CLEARANCE	29" MIN.	24" MIN.	22" MIN.
URINAL LIP HEIGHT	17" MAX.	15" MIN.	10" MIN.
URINAL FLUSH HANDLE HEIGHT	44" MAX.	36" MAX	28" MAX.
DRINKING FOUNTAIN BUBBLER HEIGHT	38" MAX	31" MAX	24" MAX.
DRINKING FOUNTAIN KNEE CLEARANCE	27" MIN.	24" MIN.	22" MIN.
RAMP/STAIR HANDRAIL HEIGHT	34"-38"	27"	22"

A = ADULT DIMENSIONS (AGE 12 AND OVER)
E = ELEMENTARY DIMENSIONS
K = KINDERGARTEN AND PRESCHOOL DIMENSIONS
** DEVIATES FROM CODE REQUIREMENTS AND REQUIRES A WRITTEN FINDING OF UNREASONABLE HARDSHIP

RECOMMENDED ACCESSIBILITY DIMENSIONS

KEYNOTES

1 TYPICAL EXTERIOR FINISH- SEE SHEET 9
2 TYPICAL INTERIOR FINISH- SEE SHEET 9
3 TYPICAL CEILING MATERIAL- SEE SHEET 9
4 EXTERIOR DOOR- SEE SHEET 9
5 ALUMINUM SLIDER WINDOW- SEE SHEET 9
6 WALL MOUNTED ELECTRIC HEAT PUMP, SEE SHEET 9.
7 ROOFING- SEE SHEETS 5 & 9
8 WALL CLOCK, SEE SHEET 8.
9 FINISH FLOORING- SEE SHEET 9
10 FIRE EXTINGUISHER- 5 lb DRY CHEMICAL WITH 2A-10B-C UL RATING. MOUNTING BRACKET @ 48" A.F.F.
11 INSULATION- FIBERGLASS BATTS, R-19 IN ROOF, R-11 IN WALLS, AND R-11 IN FLOOR; FLAME SPREAD-0-25, SMOKE DEVELOPED, FUEL CONTRIBUTED- 0-450.
12 FIRE ALARM- PULL STATION LOCATED @ 4'-0" ON THE INTERIOR, HORN OR BELL LOCATED AT 8'-0" ON THE EXTERIOR, CONDUIT TO BE STUBBED INTO ATTIC SPACE ONLY.
13 CHALKBOARD - SEE SHEET 9.
14 ELECTRICAL PANEL 'A'- SEE SHEET 8.
15 METAL TAG ON ALL MODULES MECHANICALLY ATTACHED TO EXTERIOR OF REAR FRAME, AT 8'-0" A.F.F. SHOWING DSA APPROVAL NUMBER, MANUFACTURER'S NAME, FLOOR LOAD, WIND LOAD AND UNIT SERIAL NUMBER.
16 26 GA. GUTTER AND DOWNSPOUT.
17 VINYL WRAPPED CLOSE-OFF BATT.
18 HVAC RETURN.
19 THERMOSTAT, SEE SHEET 8.
20 ACCESS SIGN (SEE DETAIL 16 SHEET 4)

KEYNOTES
TYPE DOOR HARDWARE
WINDOW TYPE
DETAIL # SHEET #

D.S.A.
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IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 553
AC ___ FLS ___ SS ___
DATE 9-19-19

CHECKED

REVISIONS

LICENSED ARCHITECT JAMES F. SNIVELY No. C-33467 REN. 07-31-2020 STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2020

AURORA MODULAR INDUSTRIES
16833 Knoxville Ave., Riverside, CA. 92504
Phone (909) 789-7186
Fax (909) 789-0263

RELOCATABLE BUILDING FOR:
GE CAPITAL
MODULAR SPACE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
4 100246
AC ___ FLS ___ SS ___
DATE MAR 19 1998

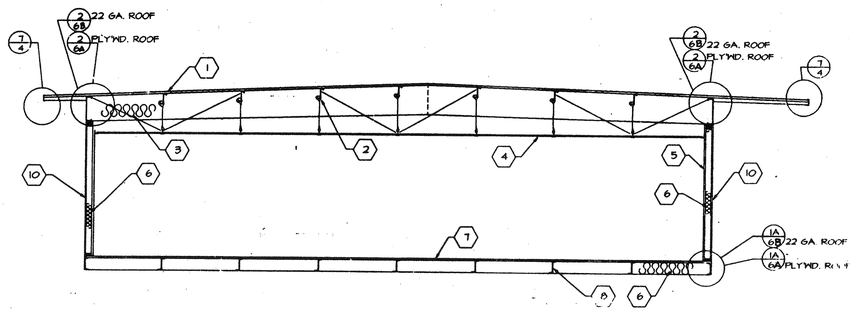
FLOOR PLAN
ROOF PLAN
BUILDING
ELEVATIONS

DATE
SHEET
ALTERNATE
CASE NO. 3042-98
PC253-1DNG

R53-R56

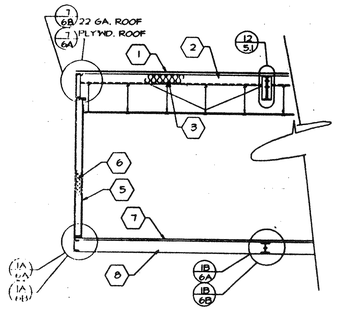
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FILE NO. 15-6

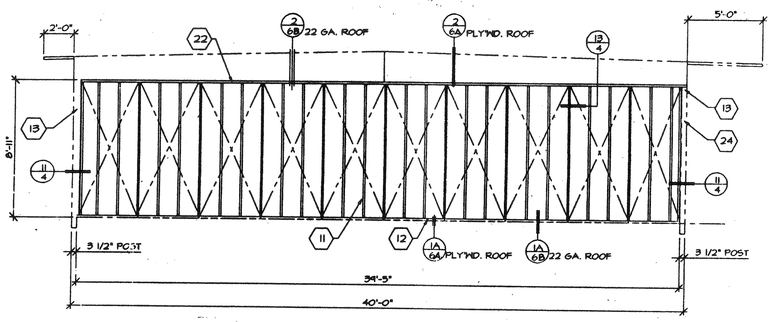
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC. FLS SS
DATE SEP 30 2019



BUILDING SECTIONS

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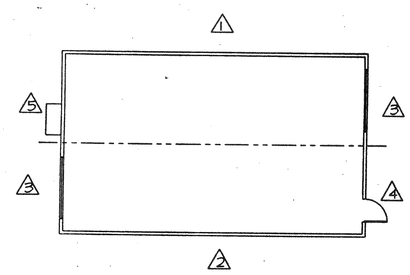




TYPICAL SIDEWALL

SCALE: 1/4" = 1'-0"

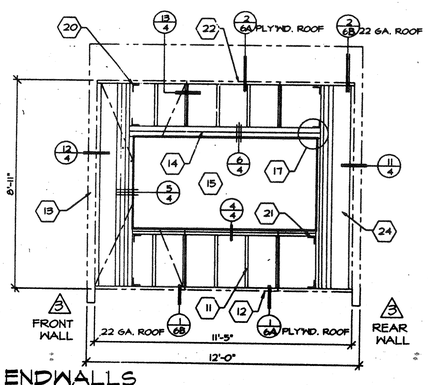
WALL 2 SHOWN
WALL 1 OPP. HAND



~~SHOWN~~
OPP. HAND

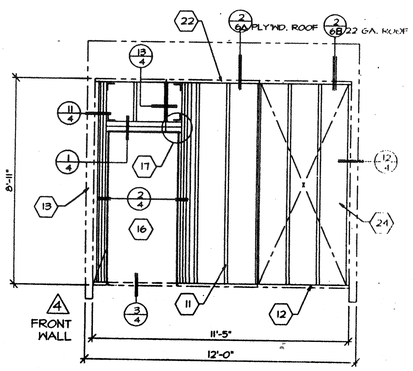
WALL LOCATIONS

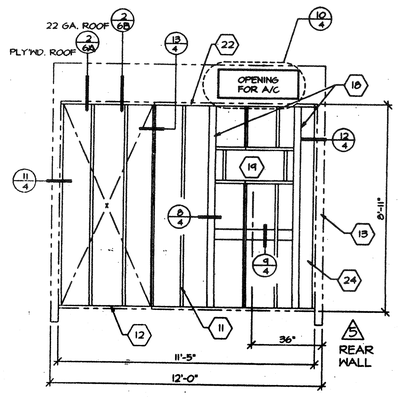
SCALE: 1/8"=1'-0"



TYPICAL ENDWALLS

SCALE 3/8"=1'-0"





KEYNOTES

1 ROOF SHEATHING- SEE SHEET 9

2 STEEL ROOF JOIST- SEE SHEET 5

3 R-19 FIBERGLASS INSULATION ON METAL STRAPS. FLAME SPREAD 25 OR LESS. SMOKE DENSITY 450 OR LESS.

4 SUSPENDED CEILING- SEE SHEET 7.

5 TYPICAL INTERIOR FINISH- SEE SHEET 9

6 R-11 FIBERGLASS INSULATION. FLAME SPREAD 25 OR LESS SMOKE DENSITY 450 OR LESS

7 PLYWOOD FLOOR SHEATHING- SEE SHEET 5

8 STEEL FLOOR JOIST- SEE SHEET 5

9 NOT USED

10 PLYWOOD SIDING/SHEATHING- SEE SHEET 9 FOR MATERIAL. NAIL SIDING WITH CORROSION RESISTANT 8d BOX NAILS @ 6" BOUNDARY & EDGES, 12" FIELD.

11 STUDS- 2x4 H.F. STUD GRADE @ 16" O.C.

12 BOTTOM PLATE- 2x4 H.F. STD & BETTER.

13 STEEL FRAME- SEE SHEET 5 "STRUCTURAL ELEVATIONS" FOR MEMBER TYPES AND SIZES.

14 WINDOW HEADER- (3) 2x4 D.F. #1 FLAT.

15 FRAME FOR 6'-0"x 4'-0", WINDOW. USE (3) FULL HEIGHT HEM FIR 2x4 STUDS W/1- 2x4 2x4 TRIMMER BOTH SIDES AND (2) 2x4 FLAT FOR WINDOW SILL.

16 FRAME FOR 3'-0"x 6'-8" DOOR. USE (3) FULL HEIGHT 2x4 JAMB STUDS WITH (1) 2x4 TRIMMER BOTH SIDES, & (2) 2x4 FOR HEADER. SEE DETAIL 1 SHEET 4

17 NAIL THRU VERTICAL STUD INTO HORZ. HEAD OR SILL W/ MIN. (4) 16d NAILS PER CONNECTION. TYPICAL AT CORNERS OF ALL OPENINGS.

18 4x4 D.F. POST

19 SEE SHEET 9 FOR A/C SIZE AND TONAGE.

20 'SIMPSON' A35 CLIPS (4) PLACES TO TOP AND BOTTOM PLATES.

21 'SIMPSON' A35 CLIPS (4) PLACES TO WINDOW SILL AND HEADER OR (2) PLACES TO DOOR HEADER.

22 2x4 PLATE- H.F. STD. GRD. OR BETTER.

23 FIRE BLOCKING PER SEC 708, 1994 C.B.C.

D.S.A.

REVISED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 253
AC. FLS. SS
DATE 5-20-94

CHECKED

REVISIONS

L. A. ROCA
No. C-13467
LICENSED ARCHITECT
EXPIRES 6-30-96
STATE OF CALIFORNIA

LICENSED ARCHITECT
JACK F. SHIVELY
No. C-13467
EXP. 6-30-2021
STATE OF CALIFORNIA

AURORA MODULAR INDUSTRIES
13833 Fromholz Ave., Riverside, CA. 92504
Phone (909) 789-7196
Fax (909) 788-0353

RELOCATABLE BUILDING FOR:
G.E. CAPITAL
MODULAR SPACE

BUILDING SECTIONS
WALL FRAMING

BY DATE

SHEET

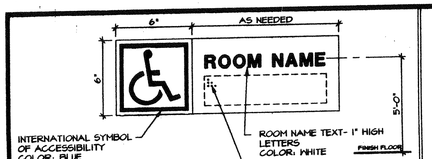
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R53-R56

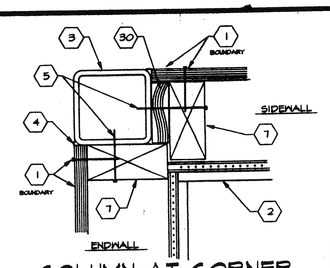
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OFFICE OF REGULATION SERVICES
03-120134
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DATE SEP 30 2019

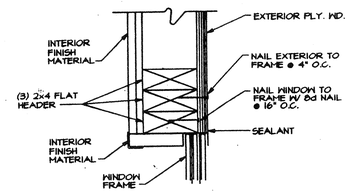


HANDICAP ROOM SIGN — 16

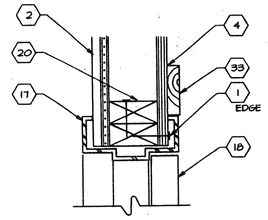
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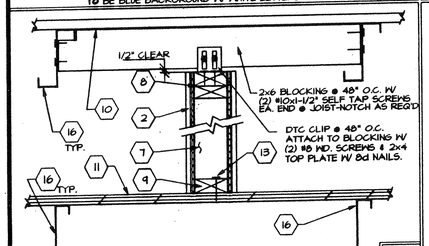
COLUMN AT CORNER — 11



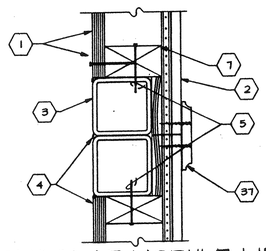
WINDOW HEADER — 6



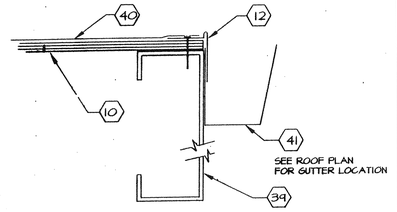
DOOR HEAD — 1



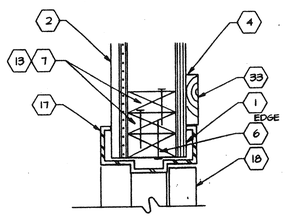
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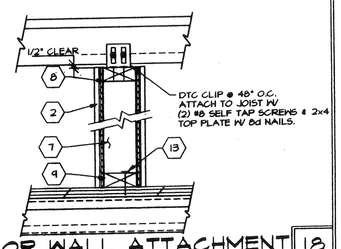
COLUMN AT MODULE LINE — 12



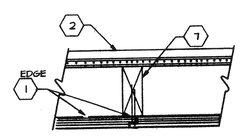
FASCIA — 7



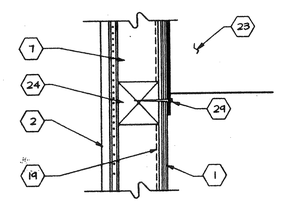
DOOR JAMB — 2



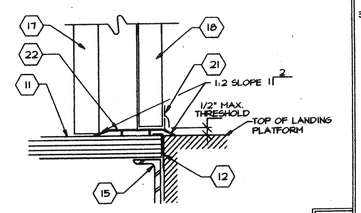
INTERIOR WALL ATTACHMENT — 18



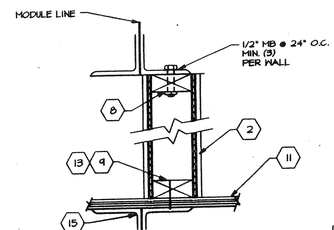
PANEL JOINT — 13



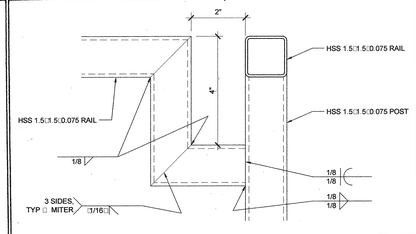
A/C @ SIDE — 8



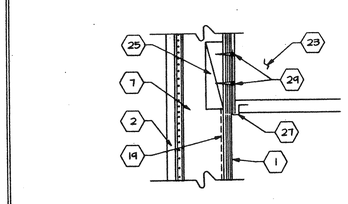
THRESHOLD — 3



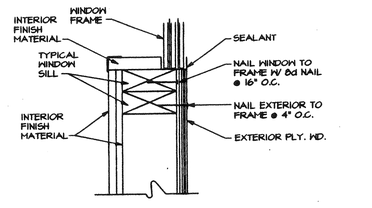
INT. WALL ATTACH @ MOD LINE — 19



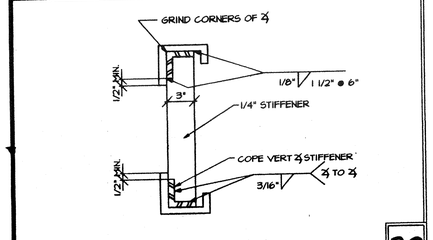
RAIL NOTCH AT HANDRAIL — 14



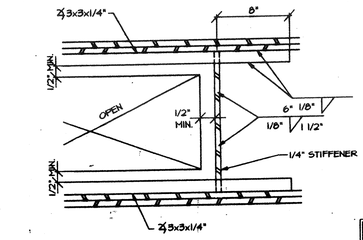
A/C @ BOTTOM — 9



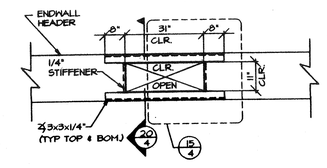
WINDOW SILL — 4



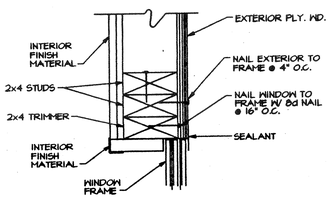
A/C OPENING IN HEADER — 20



A/C OPENING IN HEADER — 15



A/C OPENING IN HEADER — 10



WINDOW JAMB — 5

KEYNOTES

1. EXTERIOR PLYWOOD SIDING/SHEATHING - NAIL W/ CORROSION RESISTANT 8d BOX NAILS @ 6" O.C. BOUNDARY & EDGES, AND 12" O.C. FIELD. WITH MOISTURE BARRIER SEE SHEET 9 FOR MATERIAL.
2. TYPICAL INTERIOR FINISH - SEE SHEET 9 FOR MATERIAL
3. STEEL TUBE COLUMN - SEE SHEET 5
4. SEALANT
5. 'HILTI' DN57-PB OR 'RAMSET' 1514 SD @ 24" O.C.
6. 2x4 TRIMMER
7. 2x4 FULL HEIGHT STUDS
8. 2x4 TOP PLATE
9. 2x4 BOTTOM PLATE
10. ROOF SHEATHING - SEE SHEET 5.
11. FLOOR SHEATHING - SEE SHEET 5.
12. GALVANIZED METAL FLASHING
13. 16d BOX NAILS @ 16" O.C.
14. NOT USED
15. STEEL FLOOR CHANNEL - SEE SHEET 5
16. STEEL JOIST - SEE SHEET 5
17. HOLLOW METAL DOOR FRAME
18. METAL DOOR
19. NOT USED
20. HEADER - (2) 2x4 @ 1 FLAT
21. DOOR BOTTOM WITH WEATHER STRIP
22. ALUMINUM THRESHOLD
23. WALL MOUNTED A/C
24. 4x4 D.F @ 2 & BETTER POST
25. 2x6 BLOCK BETWEEN STUDS. ATTACH TO STUDS W/ (2) 16d BOX NAILS EACH END OF BLOCKS INTO STUD
26. NOT USED.
27. 11 6a x 24" LONG STEEL BOTTOM BRACKET
28. NOT USED.
29. 3/8" DIA. x 2-1/2" LAG BOLTS, QNTY AS INDICATED BY PRE DRILLED HOLES ON UNIT.
30. 3/4" x SPACER
31. NOT USED
32. NOT USED
33. 1x4 TRIM
34. NOT USED
35. NOT USED
36. NOT USED
37. VINYL WRAPPED CLOSE OFF BATT. ATTACH W/ #8x 2-1/4" PAN HEAD WOOD SCREWS STAGGERED 24" O.C. & (2) SCREWS TOP AND BOTTOM.
38. NOT USED
39. 10' x 11 6a. HEADER @ PERIM. OF OVERHANG
40. ROOFING - SEE SHEET 9
41. 26 6a GUTTER - SEE ROOF PLAN FOR LOCATION

LICENSED ARCHITECT — LANCE F. SHIVELY — No. C-13487 — REN. 01-31-2021 — STATE OF CALIFORNIA

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18633 Krameria Ave., Riverside, CA. 92504
Phone (909) 788-7196
Fax (909) 788-0263

RELOCATABLE BUILDING FOR:
GE CAPITAL
MODULAR SPACE

TYPICAL DETAILS

BY JEG DATE

SHEET 4

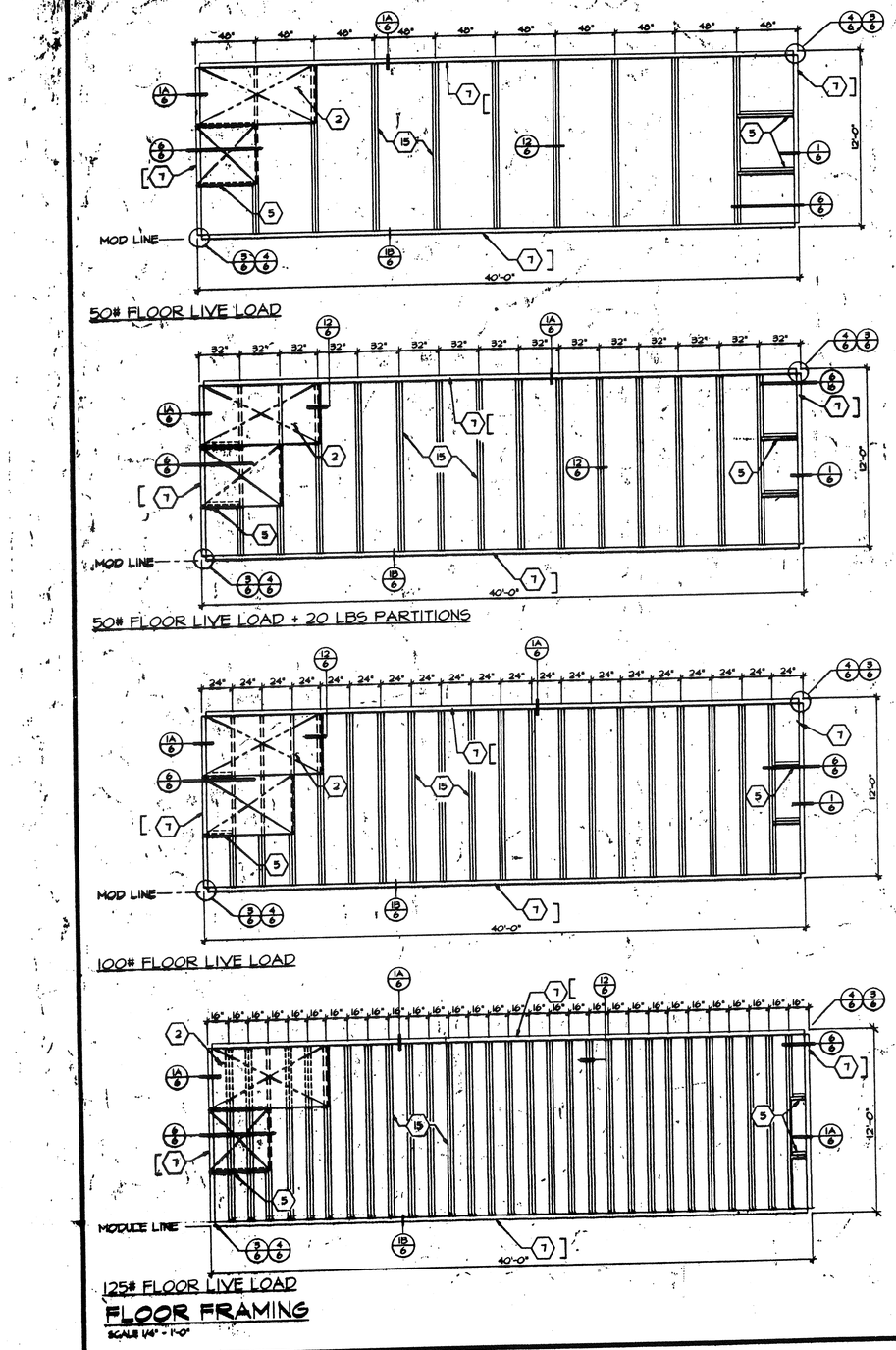
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R53-R56

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

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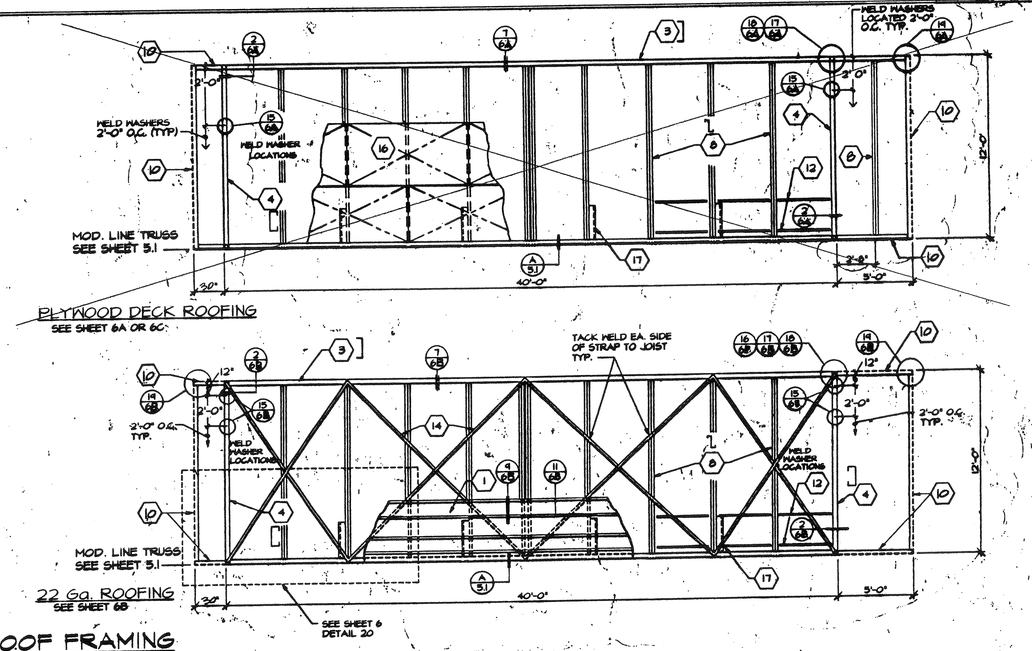


FLOOR FRAMING
SCALE 1/4" = 1'-0"

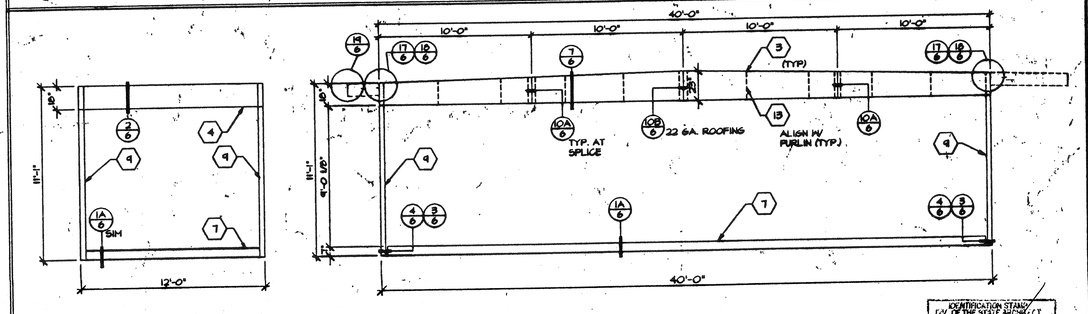
KEYNOTES

1. STEEL ROOF DECK - 22 Ga. ROLL FORMED DECK WITH 2" STANDING SEAM. SEE NOTE 1 SHT 6A FOR ATTACH
2. PLYWOOD FLOOR SHEATHING - 1 1/8" A.P.A. STURD-I-FLOOR, T & G, P.S. 1-83. SEE NOTE 3 SHT. 6A OR 6B FOR ATTACH.
3. [18/23/18x3 1/2"x10 GA.
4. [18"x3 1/2"x12 Ga. RFC STEEL ROOF HEADER.
5. ⅂ 7"x 11 Ga. STEEL BLOCK @ 48" O.C.
6. NOT USED
7. [7"x 9.8 LB PERIMETER FLOOR FRAME.
8. ⅂ 6"x 14 Ga. STEEL ROOF JOIST @ 48" O.C.
9. STEEL COLUMN - 3 1/2"x3 1/2"x3/16" TUBE.
10. 10"x11GA HEADER OVERHANG
11. WELD WASHER FOR CEILING GRID - TYP. BOTH SIDES SEE DETAIL 15:6.
12. STRAP TACKED TO UNDERSIDE OF JOIST @ 24" O.C. FOR INSULATION SUPPORT.
13. 9/16" FULL HEIGHT STIFFENER AT PURLIN LOCATIONS.
14. 2"x 20 Ga. STRAPS W/ 3" MIN. 1/8" FILLET WELD EACH END TO ROOF BEAM/HEADER TYP.
15. ⅂ 7"x 11 Ga. STEEL FLOOR JOIST @ SEE FRAMING PLAN FOR FLOOR JOIST SPACING
16. PLYWOOD ROOF SHEATHING 3/4" C-D INT WITH EXT. GLUE 48/24 INDEX P.S. 1-74 SQUARE EDGE WITH PLYWOOD CLIPS @ 16" O.C. LONG EDGES.
17. 1 1/2"x1 1/2"x3/16" BRACE (SEE SHT. 5J DET 10)





ROOF FRAMING
SCALE 1/4" = 1'-0"



STRUCTURAL ELEVATION
SCALE 1/4" = 1'-0"

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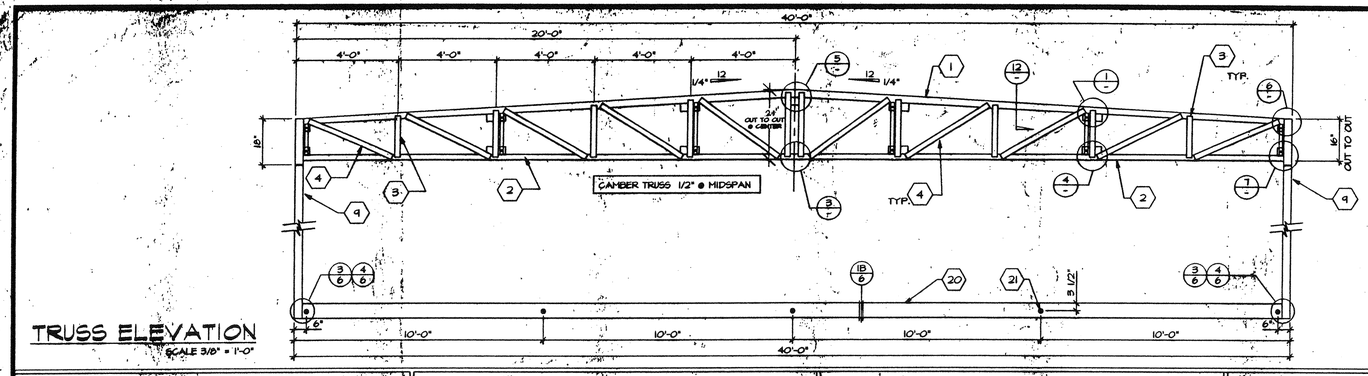
FLOOR FRAMING,
ROOF FRAMING,
STRUCTURAL
ELEVATIONS

JEC
SHEET
5J
394278

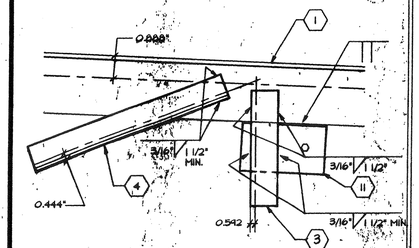
R53-R56

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FILE NO. 15-6

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DATE SEP 30 2019

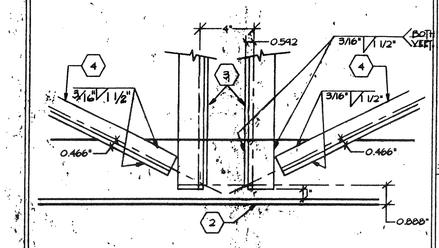


TRUSS ELEVATION
SCALE 3/8" = 1'-0"

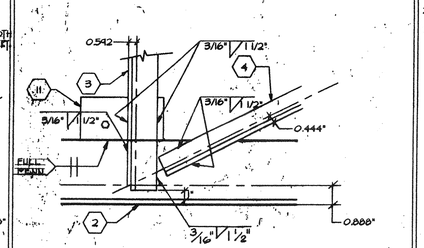


VERT. & DIAG. TOP CHORD | 1

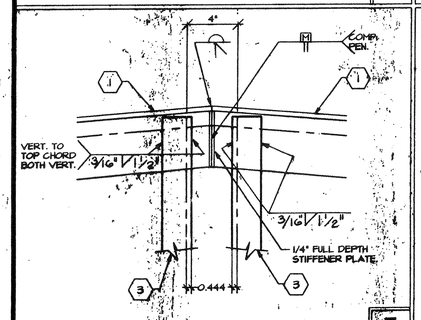
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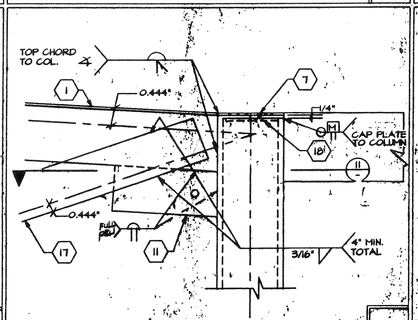
BOTTOM CHORD AT MIDSPAN | 3



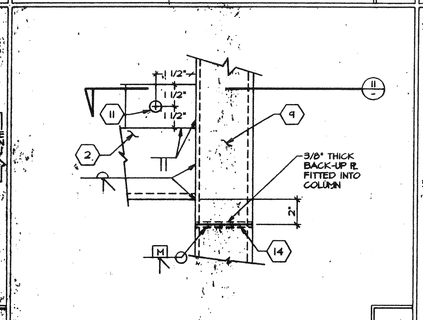
VERT & DIAG TO BOTTOM CHORD | 4



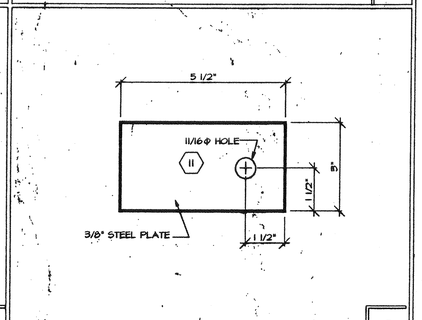
TOP CHORD AT MIDPOINT | 5



POST CONN TO TRUSS | 6

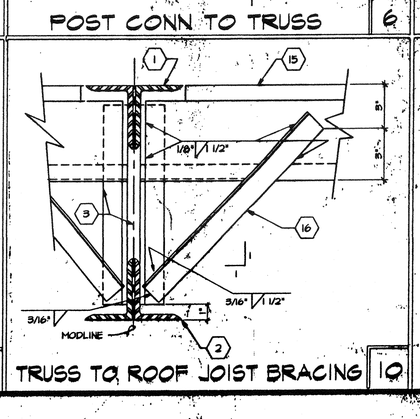


POST CONN TO TRUSS | 7

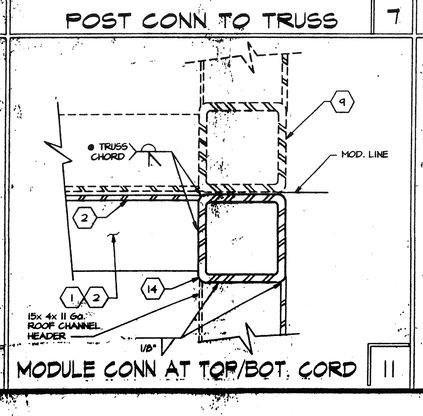


TIE PLATES | 8

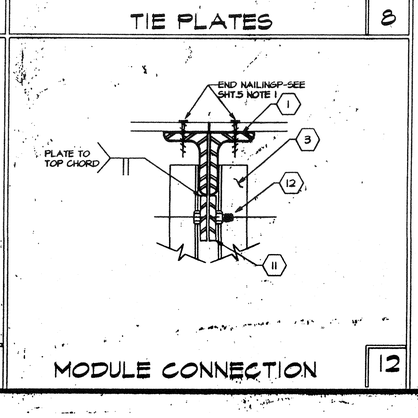
9



TRUSS TO ROOF JOIST BRACING | 10



MODULE CONN AT TOP/BOT. CORD | 11



MODULE CONNECTION | 12

KEYNOTES

1. 3"x3"x3/8" TOP CHORD.
2. 3"x3"x3/8" 1/2" CHAMBER AT MIDPOINT
3. 1 1/2"x 1 1/2"x3/16" VERTICAL MEMBER
4. 1 1/2"x 1 1/2"x 3/16" DIAGONAL MEMBER TYP.
5. NOT USED
6. NOT USED
7. 1/4" CAP PLATE
8. NOT USED
9. TS 3 1/2"x3 1/2"x3/16" STEEL TUBE
10. NOT USED
11. 3/8"x3"x5 1/2" PLATE WITH 1 1/16" HOLE FOR 5/8" MACHINE BOLT LOCATE PLATES @ 5'-0" O.C. FOR MODULE CONNECTION SEE DETAIL 8.
12. 5/8" MACHINE BOLT FOR MODULE CONNECTION
13. NOT USED
14. 3 1/2 "x 3 1/2 "x 3/16 " T.S.
15. ROOF JOIST- SEE NOTE 5 SHEET 5
16. 1 1/2"x 1 1/2"x3/16" BRACE @ 8'-0" O.C.
17. 1 1/2"x 1 1/2"x 1/4" END DIAGONAL (WITH 4" OF 3/16" FILLET WELD EACH END)
18. 3/8" PLATE FITTED INSIDE TUBE COL. & WELDED IN PLACE TO COLUM W/ 3/16" FILLET WELD TWO SIDES
19. 1 1/2"x 1 1/2"x 1/4" DIAGONAL W/ MIN. OF 4" OF 3/16" FILLET WELD EA. END.
20. C 7"x 9.8 LB PERIMETER FLOOR FRAME.
21. 5/8" MACHINE BOLT @ MOD. CONNECTION SEE DETAIL 18 SHEET 6.

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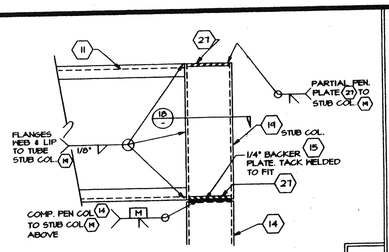
STEEL TRUSS SECTION AND DETAILS

BY STEG DATE
SHEET
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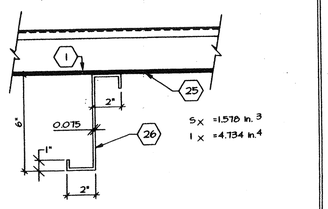
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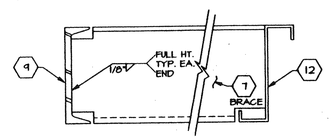
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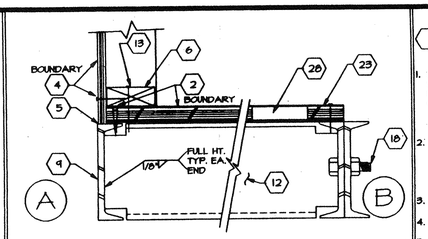
POST CONN. AT ROOF 16



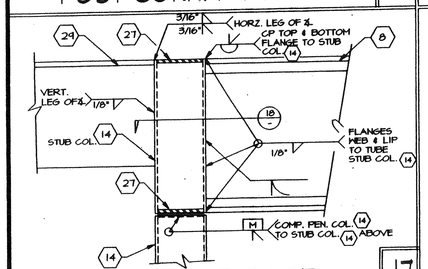
ROOF JOIST 11



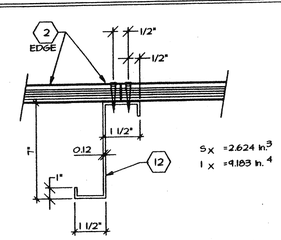
BRACE AT FLOOR 6



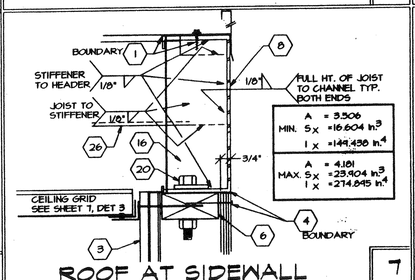
PERIMETER FLOOR 1



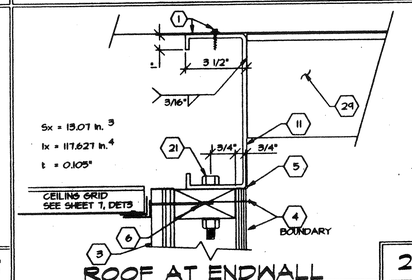
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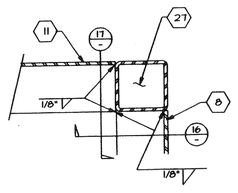
FLOOR JOIST 12



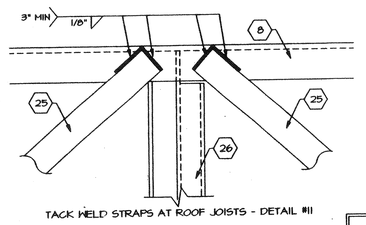
ROOF AT SIDEWALL 7



ROOF AT ENDWALL 2

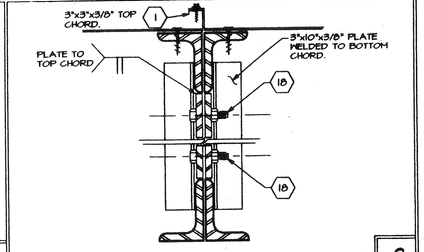


POST CONN. AT ROOF 18

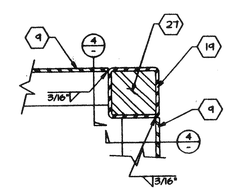


TACK WELD STRAPS AT ROOF JOISTS - DETAIL #11

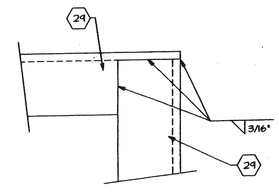
20 Ga. STRAP @ RF. BEAM 13



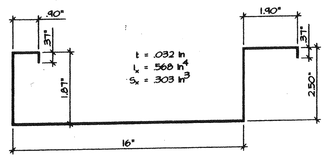
TRUSS AT MODLINE 8



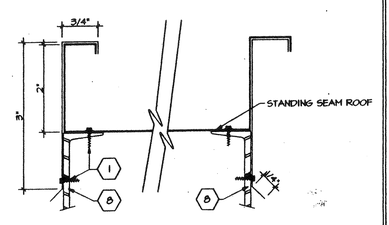
CORNER CONN. AT FLOOR 3



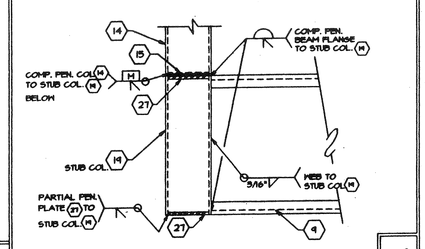
CORNER @ OVERHANG 19



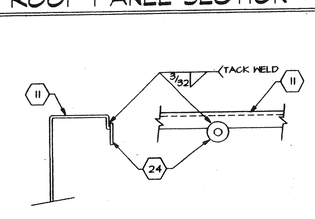
ROOF PANEL SECTION 14



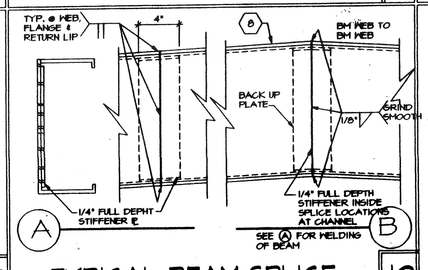
DRIP FLASHING @ SIDEWALLS 9



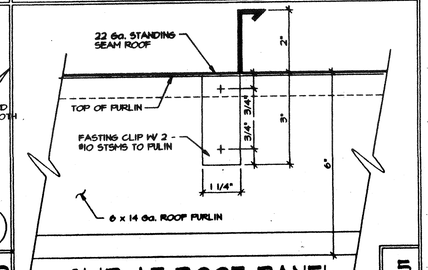
POST CONN. AT FLOOR 4



WELD WASHER SUSPENDED CEILING HANGER WIRE 15



TYPICAL BEAM SPLICE 10



CLIP AT ROOF PANEL 5

20

KEYNOTES

1. STEEL ROOF DECK - 22 Ga. ROLL FORMED 2 1/2" STANDING SEAM ROOF DECK. USE #14 SELF TAP SCREWS @ 12" O.C. AT PERIMETER. ATTACH CLIP W/ (2) #10 x 1/2" STSM SCREWS CRIMP CLIP AT SEAM W/ 45° ANGLE.
2. PLYWOOD FLOOR SHEATHING - SEE NOTE 2.5. ATTACH PLYWOOD W/ #10 -24 x 1-3/4" SELF TAP SCREWS @ 6" O.C. BOUNDARY & EDGES AND 6" O.C. FIELD. W/ FLOOR JOIST @ 48" O.C. (JOIST SPACE UNDER 48" O.C. = 10" O.C. FIELD)
3. TYPICAL INTERIOR FINISH - SEE SHEET 9
4. TYPICAL EXTERIOR FINISH - SEE SHEET 9
5. SEALANT
6. 2 x 4 TOP OR BOTTOM PLATE
7. T'x 11 Ga. STEEL BRACE WELDED TO PERIMETER FRAME AND FLOOR JOIST.
8. 18/23/18x 3 1/2"X10 ga. CHANNEL
9. T'x 9.8 lb PERIMETER FRAME.
10. 4"x 4"x 1/2" STIFFENER
11. 18x 3 1/2"x12GA. CHANNEL ROOF HEADER
12. T'x 11 Ga. FLOOR JOIST.
13. 16d NAIL @ 8" O.C.
14. STEEL COLUMN - 3 1/2"x 3 1/2"x 3/16" TUBE.
15. 1/4" CAP PLATE.
16. 3/16" FULL HEIGHT STIFFENER @ 4'-0" O.C.
17. NOT USED
18. 5/8" MACHINE BOLT @ MODULE CONNECTION - SEE SHT. 5 "STRUCTURAL SIDE" FOR ELEVATIONS.
19. 3 1/2"x 3 1/2"x 3/16"x 11 3/4" LONG TUBE AT ROOF. 3 1/2"x 3 1/2"x 3/16"x 7' LONG TUBE AT FLOOR.
20. 1/2" MACHINE BOLT W / WASHER @ 24" O.C. MIN.
21. 1/2" MACHINE BOLT @ 24" O.C. MIN.
22. CHANNEL FRAME - GRIND WELDS ON EXPOSED FACES SMOOTH.
23. AT MODULE JOINT TAKE PLYWOOD TO EDGE OF CHANNEL. AT PERIMETER, HOLD PLYWOOD BACK AS INDICATED.
24. WELD WASHER - 1-3/8"x 3/32" WITH 9/16" HOLE. WELD TO UPPER CHANNEL FLANGE.
25. 2"x 20 Ga. STRAPS W/ 3" MIN. OF 1/8" FILLET WELD EA. END TO ROOF BEAM.
26. 6"x 14 Ga. ROOF JOIST
27. 3/8" PLATE FITTED INSIDE TUBE COLUMN AND WELDED IN PLACE.
28. 5" DIA. HOLE AT BOLT LOCATION.
29. 10" x 11 Ga. HEADER @ PERIMETER OF OVERHANG

LICENSED ARCHITECT JACK F. SNIVELY No. C-23467 REN. 08-31-2020 STATE OF CALIFORNIA

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LICENSE EXPIRES 6-30-2020

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18833 Krameria Ave., Riverside, CA. 92504
Phone (909) 789-7186
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RELOCATABLE BUILDING FOR:
G.E. CAPITAL
MODULAR SPACE

STRUCTURAL DETAILS AND NOTES
22 GA. ROOFING

BY DATE

SHEET 6B

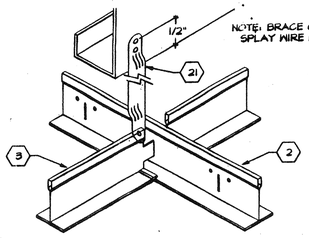
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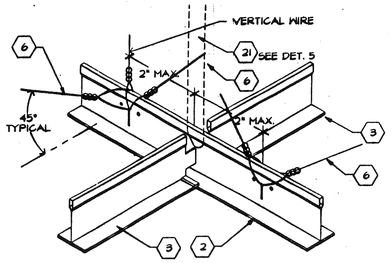
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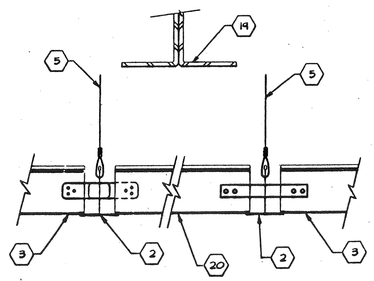
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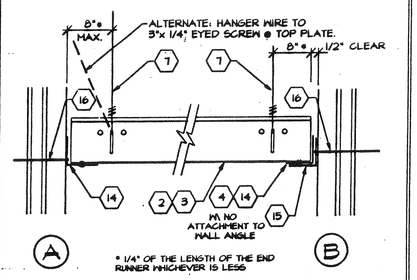
VERTICAL BRACE 5



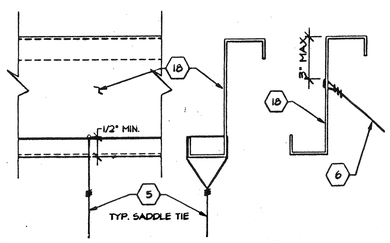
SPLAY WIRE 1



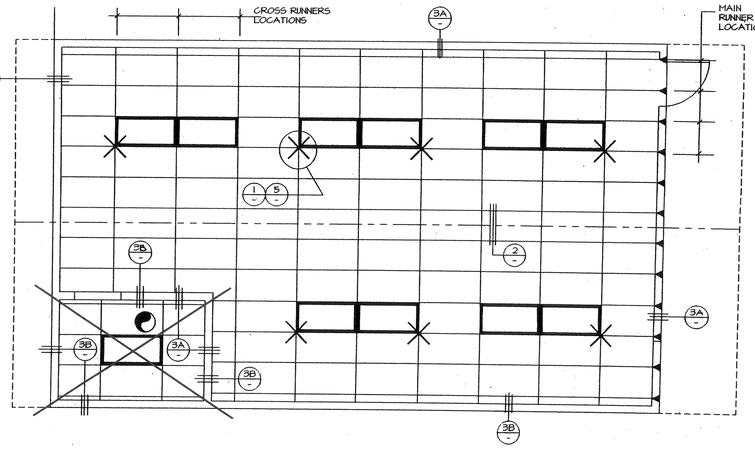
GRID AT MODLINE 6 2



GRID AT WALL 7 3



WIRE ATTACHMENT 8 4



REFLECTED CEILING PLAN
SCALE 1/4" = 1'-0"

CEILING HEIGHT 8'-9"

'A' UNIT SHOWN
~~'B' UNIT OPP. HAND~~

KEYNOTES

1 MAIN RUNNERS @ 4'-0" O.C. MAX. WITH HANGER WIRES SPACED @ 4'-0" O.C. MAX.

2 MAIN RUNNER: DONN CORP. DX-26 HEAVY DUTY

3 CROSS RUNNER: DONN CORP. DX-424 HEAVY DUTY

4 WALL RUNNER: DONN CORP. MT-EV

5 TYPICAL HANGER WIRE TO BE 12 Ga. STEEL WIRE ATTACHED TO STRUCTURE ABOVE AND TO GRID WITH (3) TIGHT TURNS WITHIN 1 1/2" - SEE DETAIL 4

6 TYPICAL SPLAY WIRE TO BE 12 Ga. STEEL WIRE ATTACHED TO STRUCTURE ABOVE AND TO GRID WITH (4) TIGHT TURNS WITHIN 1 1/2" - SEE DETAIL 4

7 AT END OF ROWS OF RUNNERS, A HANGER WIRE SHALL BE ATTACHED WITHIN 8" (OF ANY WALL OR SOFFIT) OR 1/4 LENGTH OF END TEE WHICHEVER IS LEAST

8 VERTICAL WIRES MORE THAN 1/6 OUT OF PLUMB SHALL HAVE COUNTERBALANCE WIRES INSTALLED.

9 RUNNERS MAY BE ATTACHED TO WALL MOLDING AT (2) ADJOINING WALLS; AT OTHER WALLS NO ATTACHMENT. WHERE THERE IS NO ATTACHMENT THERE SHALL BE A 1/2" CLEARANCE BETWEEN END RUNNER AND FACE OF WALL.

10 CEILING AREAS EVERY 144 SQ. FT. OR LESS SHALL HAVE SPLAY WIRES. INSTALLED AS INDICATED ON CEILING PLAN SPLAY WIRES SHALL BE TAUT BUT SHALL NOT DISTORT GRID.

11 ELECTRICIAN SHALL PROVIDE (2) SLACK HANGER WIRES AT OPPOSITE CORNERS OF ALL LIGHT FIXTURES. WIRES SHALL BE ATTACHED TO STRUCTURE ABOVE PER NOTE 5. LIGHT FIXTURES SHALL BE ATTACHED TO CEILING GRID WITH (2) #8 SHEET METAL SCREWS.

12 DUCTWORK, IF REQUIRED, SHALL BE RIGIDLY ATTACHED TO STRUCTURE ABOVE AT INTERVALS NOT TO EXCEED 4' AND SHALL NOT BE CLOSER THAN 6" TO ANY WIRE.

13 CEILING REGISTERS, WHEN INDICATED ON PLANS, SHALL BE ATTACHED TO STRUCTURE ABOVE PER NOTE 5.

14 CONT. WALL 7/8" ANGLE WITH POP RIVET TO EACH MEMBER.

15 7/8" CONTINUOUS WALL ANGLE.

16 6d NAIL @ 16" O.C. INTO BLOCK OR STUD.

17 NOT USED

18 ROOF JOIST- SEE SHEET 5.

19 ROOF TRUSS SEE SHEET 5.1

20 CLOSE OFF CROSS TEE- INSERT ONE END OF CROSS TEE INTO MAIN RUNNER WITH BAYONET. CUT OPPOSITE END TO FIT (IF LESS THAN 24"). INSERT MIN. 20 ga. MTL. STRAP THRU MAIN RUNNER. SECURE TO CROSS TEE W/ (2) #8 TEK SCREWS AT EACH END.

21 VERTICAL BRACE- 1/2" STEEL CONDUIT AT SPLAY WIRE LOCATIONS. DRILL 1/8" HOLE THRU CONDUIT AT TOP & BOTTOM. ATTACH CONDUIT TO JOIST ABOVE W/ (2) #8 TEK SCREWS. WITHIN 2" OF CROSS RUNNER

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Fax (909) 789-0283

RELOCATABLE BUILDING FOR:
G.E. CAPITAL
MODULAR SPACE

REFLECTED CEILING PLAN

BY JTB DATE

SHEET

A1.1

3942-93 CAD FILE ID PC253-7

ALTERNATE

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R53-R56

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PANEL A — 120/240 VOLT — 1 PHASE — 3 WIRE
100 a BUS — 100 a MAIN

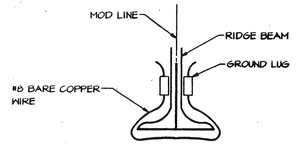
	OUTLETS recpt	OUTLETS lights	OUTLETS other	WATTAGE A#	WATTAGE B#	WATTAGE C#	BREAKER amp	BREAKER pole	REMARKS
1	3	—		540	—		20	1	
2	—	6	EXTERIOR LIGHT	916	—		20	1	
3	3	—		—	540		20	1	
4	—	6		—	816		20	1	
5		—	HEATPUMP	2148			40	2	3.5 TON HVAC
6	—								
7		—			2148				
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19	1								
20	1								
TOTALS				3624	3504		= 7108		29.6 amps conn.
LCL = 6028				LCL x.25			= 1507 / 8615		35.9 amps

ELECTRICAL LEGEND

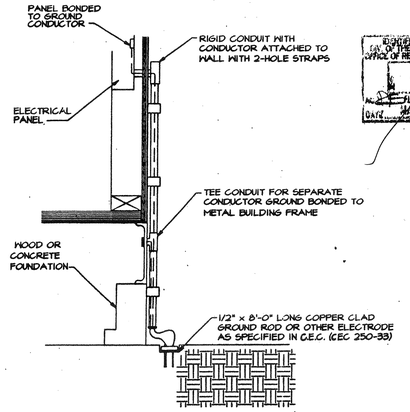
SYMBOL	DESCRIPTION
⊕ + 15"	DUPLEX RECEPT - 15a 125v 3 WIRE GROUNDING TYPE. "GFI" DENOTES GROUND FAULT INTERRUPTER
$ + 48"	LIGHT SWITCH - SINGLE POLE
J	JUNCTION BOX
F	DISCONNECT SWITCH -BUILT INTO A/C UNIT
T + 48"	THERMOSTAT
+ 48"	FIRE ALARM PULL STATION, J-BOX & CONDUIT ONLY
+ 8'-6"	FIRE ALARM HORN, J-BOX & CONDUIT ONLY
	ELEC. PANEL
	CLOCK 6" BELOW CEILING LINE
	HANDICAP WARNING LIGHT (60 FLASHES PER MINUTE MIN.) +80" AFF

FIXTURE SCHEDULE

TYPE	SYMBOL	DESCRIPTION	WATTS	MANUFACTURER
		2' x 4' FLUORESCENT DROP IN FIXTURE, ACRYLIC PRISMATIC LENS, ENERGY SAVING BALLAST. (4) 35 WATT TUBES, HT. 27 lbs	136 WATTS	CRESCENT 24TE440DLA
		INCANDESCENT SURFACE MOUNTED EXTERIOR LIGHT WITH IMPACT RESISTANT ENCLOSURE	100 WATTS	KENALL 3663
		EXHAUST FAN/LIGHT COMBINATION FIXTURE LIGHT SWITCH OPERATED, DROP-IN	106 WATTS	Panasonic 679.

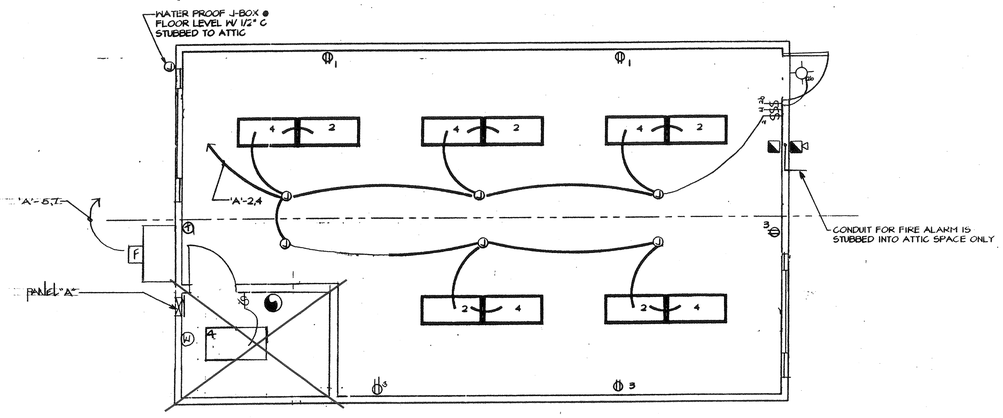


MODULE BONDING



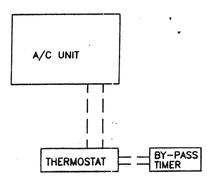
SYSTEM GROUND DETAIL
NOT BY PORTABLE MANUFACTURE

1 SIZE OF CONDUCTORS SHALL COMPLY WITH CEC TABLE 250-95.
2 BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELECTRICAL PANEL AND TO METAL BUILDING FRAME (CEC 250-81). IN ADDITION TO THE DETAIL SHOWN ABOVE, BOND THE ELECTRICAL GROUND TO METAL WATER PIPE EMBEDDED AT LEAST 10 FT. INTO THE SOIL IF AVAILABLE. (CEC 250-81 & 250-83).
3 ALL MODULES OF THE METAL FRAME BUILDING SHALL BE ELECTRICALLY BONDED TOGETHER. (BOLTING ONLY IS NOT ACCEPTABLE BONDING.)
4 CHECK RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS (CEC 250-84D) AS REQUIRED. WITH CONDUCTORS, AS SHOWN, SEPARATED BY AT LEAST 6'-0" UNTIL RESISTANCE IS 25 OHMS OR LESS.
5 FIELD INSPECTOR SHALL WITNESS THE GROUNDING TEST.



'A' UNIT SHOWN
~~B' UNIT OPP. HAND~~

LIGHTING AND POWER PLAN
SCALE: 1/4" = 1'-0"



A/C CONTROL WIRING

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Fax (909) 789-0283

RELOCATABLE BUILDING FOR:
G.E. CAPITAL MODULAR SPACE

ELECTRICAL, POWER & LIGHTING FLOOR PLAN & PANEL SCHEDULE

BY STEG DATE
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3942 90 PC253-B.DWG
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GENERAL NOTES AND SPECIFICATIONS

SECTION 1A

1. GENERAL

A. The requirements of the General Conditions of the agreement and this General Requirements apply to the several trade sections with the same force as though fully repeated in each trade section.

B. Name brands are indicated to establish a standard of quality. Items of equal or better quality may be substituted for the listed brand named products.

C. All work shall comply with the requirements of Titles 19, and 24 California Code of Regulations. No changes shall be made from D.S.A. approved drawings or specifications without prior written approval of D.S.A. and the District Architect.

2. SCOPE OF WORK

A. The work consists of manufacturing off-site in a plant, and installing on-site, modular relocatable buildings on defined terrain and shown and detailed on drawings.

B. All requirements of Titles 19, and 24 of the State of California Code of Regulations (C.C.R.) relating to inspections and verified reports shall be complied with and shall include:

1. General responsible charge of Field Administration by the Architect of Record.
2. Inspection in-plant, during the course of construction by an inspector approved by the Division of the State Architect and the District Architect. The inspector shall be responsible for and approved to inspect the general construction welding, mechanical and electrical work. Cost of these inspections shall be borne by the School District.
3. On site inspection of the building installation electrical and utility of the building installation by an inspector approved by the Division of the State Architect and retained by the School District.
4. Other special tests or inspections as may be required by the Division of the State Architect.

3. WORK NOT INCLUDED

A. All on-site or off-site utilities and the connection of them to the building unless indicated on the drawings.

B. All leveling, grading or other site preparation except concrete or wood leveling strips, where required, unless otherwise indicated on the drawings.

C. Fire alarm system, fire extinguisher, program bell, clock, public address system, intercom system, TV system unless otherwise indicated on the drawings.

4. WHEELS AND HITCH

Shall remain the property of the Contractor.

5. ACCESSIBILITY OF SITE

The School District shall provide access to the site for the installation of buildings. Removal of trees, shrubs, fencing, sprinklers, etc. necessary for the move-in of buildings shall be the responsibility of the School District.

6. GENERAL CONSTRUCTION

A. Structural Frame – Each module shall be designed as a moment frame structure to withstand vertical and horizontal loads and comply with requirements of the Division of the State Architect. The necessary provisions are incorporated in the structure to permit the relocation of the structural pieces in sections not exceeding 12 feet in width.

B. Floor – The floor shall be steel framed with a design live load of 50 lbs per square foot unless noted otherwise on drawings.

SECTION 3A CAST IN PLACE CONCRETE

1. SCOPE OF WORK

A. Contractor shall provide all materials, labor and services for concrete work indicated on drawings.

2. MATERIALS

A. Portland Cement – Type I, standard brand, ASTM C-150

B. Aggregate – Washed sand, gravel, rock ASTM C-33

C. Reinforcing steel – ASTM A615 grade 40, deformed, ASTM-305.

3. WORKMANSHIP

A. Minimum compressive strength at 28 days – 3000 psi; maximum aggregate size 1"; maximum 6-0 gallons of water per sack of cement; minimum of 7.1 sacks of cement per yard; maximum slump 4". Transit mixed concrete shall be used.

SECTION 5A STRUCT. AND MISC. STEEL

1. SCOPE OF WORK

Contractor shall provide all materials, labor and as specified and indicated on the drawings.

services required for structural and miscellaneous steel

2. MATERIALS

A. Structural Steel Shapes – ASTM A-36, open hearth or electric furnace only, all regular shapes as described in AISC Construction Manual, unless otherwise noted.

B. Cold Formed Light Gauge Steel – ASTM A-570 Grade 33, minimum yield 33,000 PSI.

C. Structural Pipe and Tubing – ASTM AK-500 Grade B.

D. Bolt Material – Bolts and nuts, American Standard Regular, as detailed in AISC Construction Manual, fabricated from structural quality steel, ASTM A-307.

E. Arc-welding Electrodes – Class E-70 Series for welding A-36 steel to A-36 and E-80 Series for welding A-570 steel to A-36, conforming to requirements of the "Structural Welding Code" of American Welding Society, latest edition.

3. WORKMANSHIP

A. GENERAL – All work shall conform to the requirements of AISC Standard Specifications, Titles 21 and 24 of the California Code of Regulations and the American Iron and Steel Institute Specifications for Design of Light Gauge Steel Structural Members.

B. WELDING – All welding done by shielded electric-arc or flux cored-arc process complying with requirements of the "Structural Welding Code" of the American Welding Society. Welding done by operators qualified by tests acceptable to the Division of the State Architect.

C. ERECTION – Structural Steel erected true, straight, plumb and to its designated locations. Field connections bolted or welded as indicated on the drawings.

D. WALL BOLTS, BORDER, NUTS, etc. – for exterior work shall be cadmium plated or galvanized.

E. HANDRAILS – Fabricated as detailed, weld ground smooth.

F. SHOP PAINT –

1. Exposed steel coated with one shop coat

2. Non-exposed steel coated with one shop coat

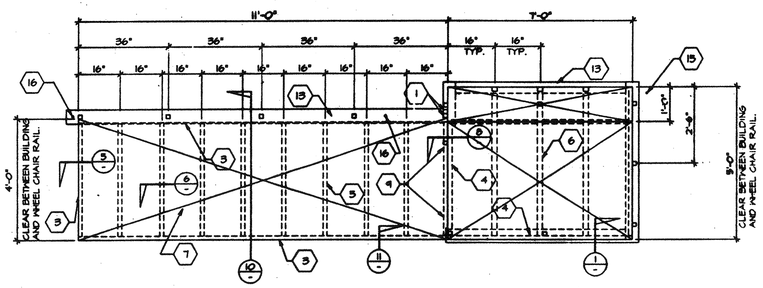
3. All surfaces thoroughly cleaned by effective means prior to application of shop coats.

G. TESTS –

1. Provide mill certificates or test ALL members: ~~1-10/23/18&D-1/18 Hook 1 1% 0.0, 2 2% 44 Gau, 3 3% 45 Gau, 4 3% 3 3% 45 Gau, 5 3% 3 3% 45 Gau, 6 3% 3 3% 45 Gau, 7 3% 3 3% 45 Gau, 8 3% 3 3% 45 Gau, 9 3% 3 3% 45 Gau,

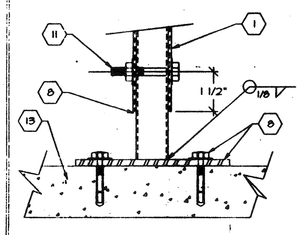
AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC ___ FLS ___ SS ___
DATE SEP 30 2019

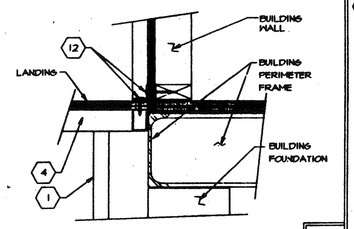


FRAMING PLAN
SCALE 1/2" = 1'-0"

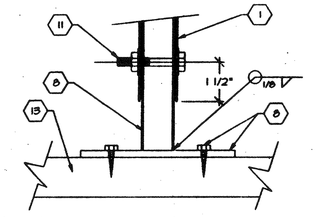
RAMP LANDING



BASE 14



LANDING TO BUILDING 1



BASE 2

KEYNOTES

1 UPRIGHT TUBE
1-1/2"x 1-1/2"x 16 Ga. SQUARE TUBE.

2 HANDRAIL TUBE -
1 1/2"x1 1/2"x18 Ga. SQUARE TUBE.

3 RAMP PERIMETER TUBE -
2"x2"x16 Ga. SQUARE TUBE.

4 LANDING PERIMETER TUBE -
1-1/2"x 2"x 16 Ga. RECTANGLE TUBE
OR 2"x 2"x 16 Ga. SQUARE TUBE.

5 RAMP CROSS TUBE -
1 1/2"x1 1/2"x16 Ga. SQUARE TUBE.

6 LANDING CROSS TUBE -
2"x 2"x 16 Ga. SQUARE TUBE.

7 WOOD DECK -
3/4" EXTERIOR GRADE PLYWOOD. ATTACH TO SUPPORT TUBES WITH #10 SELF TAP SCREWS AT EACH BEARING. RAMP DECK SHALL HAVE NON SLIP FINISH.

8 ADJUSTABLE LEGS -
1-1/4"x 1-1/4"x 16 Ga. SQUARE TUBE WITH 3"x 6"x 1/4" THICK BASE PLATE WELDED TO LEG. BASE PLATE TO HAVE (2) 5/16" HOLES FOR 1/4" LAG BOLTS FOR WOOD OR ATTACH PLATE TO CONCRETE WITH "HILTI" KWIK BOLT I (STUD ANCHOR 3/8" x 2 1/2" MIN. EMBEDMENT/ICBO NO. 4627) OR 30 PENNY SPIKE AT ASPHALT.

9 SUPPORT PLATE -
1-1/4"x1/8" THICK PLATE.

10 WHEELCHAIR RAIL
1"x 1" SQUARE TUBE- TACK WELDED TO UPRIGHT MEMBERS.

11 3/8" DIA. MACHINE BOLTS.

12 6"x10 GA. PLATE W/ 9#4x3" MD. SCREWS AT 12" O.C. INTO STRUCTURAL WOOD MEMBERS OR 9 14x1 1/2" SELF TAP SCREWS AT 12" O.C. INTO STRUCTURAL STEEL (T) TYPE.

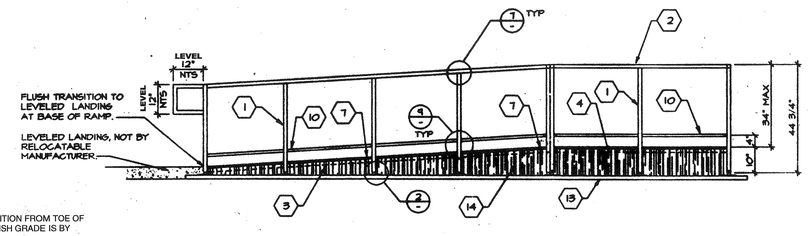
13 CONT. SILL PL. 2 x 6 P.T.H.F. USE WOOD PAD ONLY WHEN RAMP IS SET ON GRADE. WHEN RAMP IS SET ON CONCRETE OR AC. PAVING, PLATE SETS DIRECTLY ON FINISH SURFACE.

14 SKIRTING

15 MOUNTING PLATE 2"x4"x1/4" STL. W/ 1 1/2" PIECE OF TUBE COPED TO FIT HANDRAIL TUBE DRILL (2) 3/8" HOLES IN MOUNTING PLATE FOR 3/8"x2" LAG BOLTS FOR ATTACHMENT ENDS AND MAX. 7'-6" O.C.

16 DRIVE 1" DIA. x 15" ±L PIPE AT 10'-0" MAX. DRILL SILL PL. 1-1/2" DIA. MAX. HOLE. PIPE MAY BE DRIVEN AT A MAX. OF 4% DEG. ANGLE W/ VERTICAL. (NOT REQUIRED FOR ASPHALT OR CONCRETE)

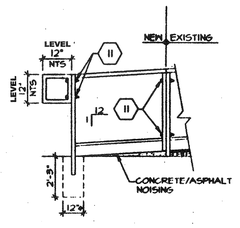
NOTE:
RAMP TRANSITION FROM TOE OF RAMP TO FINISH GRADE IS BY DISTRICT.



FRONT ELEVATION
SCALE 1/2" = 1'-0"

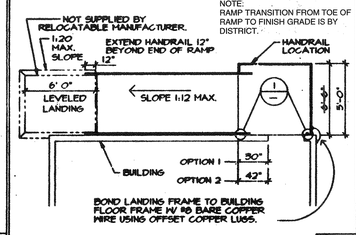
RAMP LANDING

NOTE:
RAMP TRANSITION FROM TOE OF RAMP TO FINISH GRADE IS BY DISTRICT.

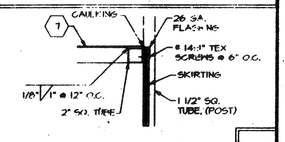


ALT. ADDITION 15

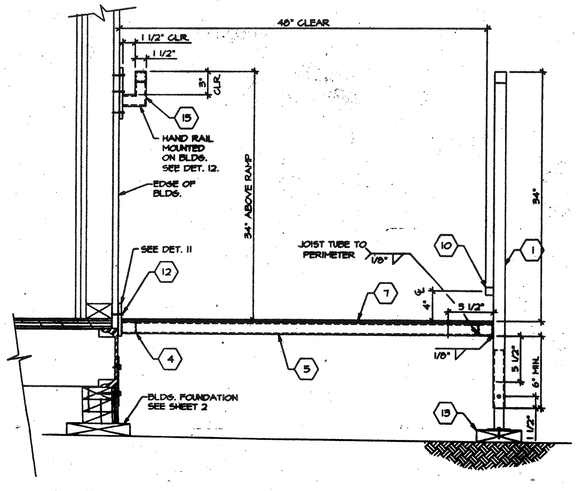
NOTE:
RAMP TRANSITION FROM TOE OF RAMP TO FINISH GRADE IS BY DISTRICT.



HANDRAIL LOCATIONS 3

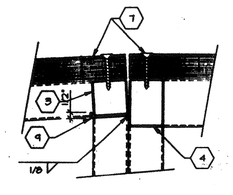


SKIRT FLASHING 13

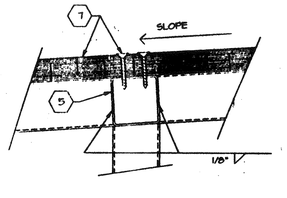


SECTION @ RAMP
SCALE 1/2" = 1'-0"

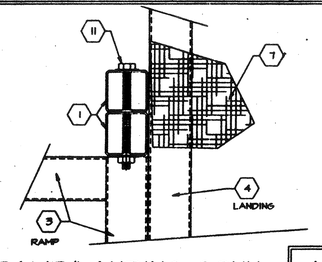
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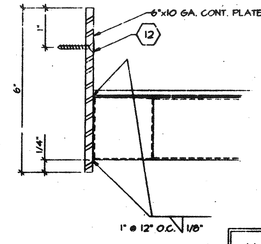
SUPPORT PLATE 8



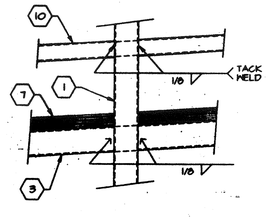
DECK & JOIST CONN. 6



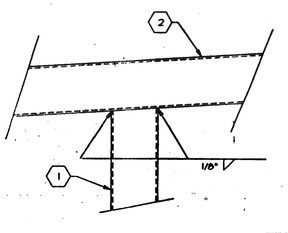
RAMP/LANDING CONN. 4



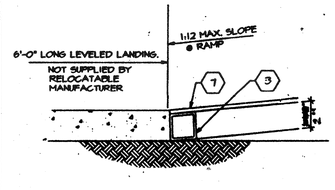
RAMP TO BUILDING 11



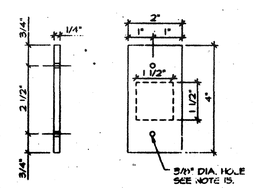
VERTICAL POST CONN. 9



7



CONC. LANDING TO RAMP 5



HANDRAIL MOUNT 12

D.S.A.

CHECKED

REVISIONS

RELOCATABLE BUILDING FOR:
G.E. CAPITAL MODULAR SPACE
URORA MODULAR INDUSTRIES
17633 Krameria Ave., Riverside, CA. 92504
Phone (909) 789-7186
Fax (909) 789-0261

RAMP PLAN AND DETAILS (WOOD DECKING)

BY JJP DATE 8-20-96

SHEET R-1A

CAD FILE NO.

© 1996 Modular Industries

R53-R56

FILE: H:\PC_253\PC253-R1.DWG Last edited: MAY 06, 95 @ 1:29 p.m. by: PT

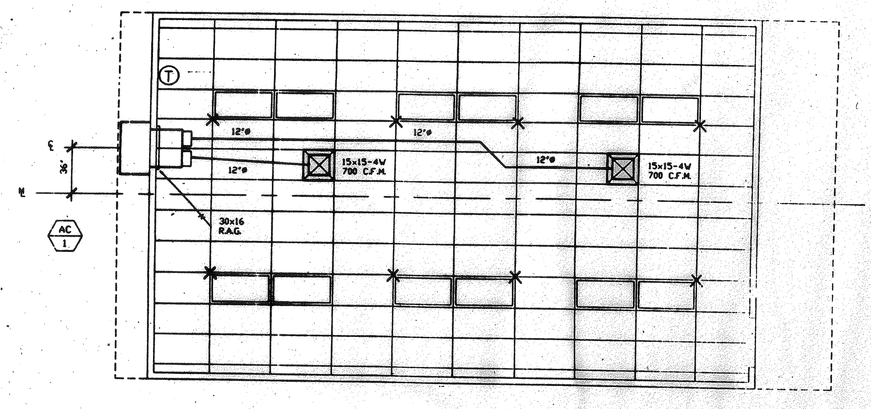
AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

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DIV. OF THE STATE ARCHITECT
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03-120134
AC. FLS. SS.
DATE SEP 30 2019

D.S.A.

CHECKED

REVISIONS



AIR CONDITIONING FLOOR PLAN

1/4" = 1'-0"

EQUIPMENT & MATERIAL SCHEDULE

AC 1

BARD MODEL #W42-A10 WALL MOUNT HEAT PUMP
41,500 BTUH COOLING, S.E.E.R. = 10.0
41,000 BTUH HEATING, HSPF = 8.20
1400 CFM @ .5" S.P. MT. = 510 LBS.
208/230V-1 PH.-60 CY., MAX. F.L.A. = 26.2 AMPS.
MAX. FUSE = 60 AMP.
WITH COMMERCIAL ROOM VENTILATOR

SUPPLY PLENUM: 24 ga. GALVANIZED IRON SHEETS W/ 1" LINER INSULATION

INTERIOR DUCTWORK: POLYCORE FLEX DUCT CLASS 1 UL-181 W/ TAPED COLLARS ON BOTH ENDS

REGISTER BOXES: 24 ga. GALVANIZED IRON SHEETS W/ 1/2" LINER INSULATION

SUPPLY AIR REGISTERS: KRUEGER 'S200-F23' SERIES (MINIMUM SIZE 15x15)

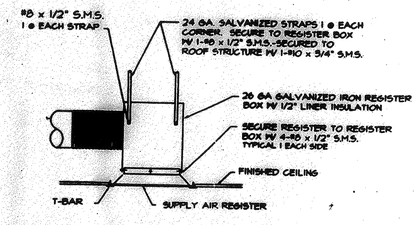
RETURN AIR GRILLES: METALAIRE 'RH' SERIES

THERMOSTAT: WHITE RODGER #1F42 W/ CLEAR FACE GUARD

ATTACH ALL SUPPLY AND RETURN AIR GRILLES TO BOXES W/ 4 #8 S.M.S. THEN TO ROOF STRUCTURE W/ 4 - 1 1/2" x 24 ga. GALVANIZED STRAPS AT ALL CORNERS.

ATTACH ALL FLEX DUCT TO ROOF STRUCTURE W/ 1 - 1 1/2" x 24 ga. GALVANIZED STRAP AT INTERVALS NOT TO EXCEED 4'.

SEAL ALL JOINTS AIR TIGHT.



REGISTER BOX DETAIL

N.T.S.

LICENSED ARCHITECT
JACK F. SHIELDS
No. C-13467
REN. 01-31-2021
STATE OF CALIFORNIA

URSA MODULAR INDUSTRIES
15633 Jurupa Ave., Riverside, CA. 92504
Phone (909) 789-7106
CA. (949) 789-0263

RELOCATABLE BUILDING FOR:
GE CAPITAL
MODULAR SPACE

AIR CONDITIONING
FLOOR PLAN

SHEET

JOB NO. 15-06
PC25A-4LD.VW6

R-53-R56

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019

ELITE MODULAR

WOOD & CONCRETE FOUNDATIONS PC

ELITE MODULAR LEASING & SALES, INC.
P.O. BOX 78447 CORONA CA 92877
PHONE: 951-422-2500 FAX: 951-943-3074

NOTE:
BELOW STATEMENT APPLICABLE AT W.U.I. AREAS ONLY

FOUNDATION PC TO BE COMPLIANT WITH WILD / URBAN INTERFACE ZONE (WUI)

- EXTERIOR UNDER FLOOR VENTS TO BE FULLY COVERED WITH CORROSION RESISTANT OPENING & NO LESS THAN 1/16". BUT NO MORE THAN 1/8" IN SIZE PER CBC 706A
- EXTERIOR WALLS MUST BE COMPRISED OF NON-COMBUSTIBLE MATERIAL PER CBC 707A
- THE SKIRTING BETWEEN THE FLOOR AND THE GRADE MUST BE CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL PER CBC 707A

NOTE: SEE DETAILS 6, 7, 8 & 9 ON SHEET DWF-01 FOR (WUI) DETAIL REFERENCES

SHEET INDEX

SHT NO.	
CP	COVER PAGE
	WOOD FOUNDATION
WFS-01	STRUCTURAL SPECIFICATIONS - WOOD FOUNDATIONS
WF-04	WOOD FOUNDATION PLAN - 24' x 40' (50+15 PSF)
WF-05	WOOD FOUNDATION PLAN - 36' x 48' (50+15 PSF)
WF-06	WOOD FOUNDATION PLAN - 48' x 36' (50+15 PSF)
WF-07	WOOD FOUNDATION PLAN - 24' x 60' (100 PSF)
WF-08	WOOD FOUNDATION PLAN - 30' x 40' (100 PSF)
WF-09	WOOD FOUNDATION PLAN - 48' x 48' (100 PSF)
WF-10	WOOD FOUNDATION PLAN - 24' x 80' (150 PSF)
WF-11	WOOD FOUNDATION PLAN - 36' x 48' (150 PSF)
WF-12	WOOD FOUNDATION PLAN - 48' x 36' (150 PSF)
WFD-01	WOOD FOUNDATION DETAILS - W.U.I. COMPLIANT OPTIONS
WFD-02	OPTIONAL WOOD FOUNDATION DETAILS
	CONCRETE FOUNDATION
CFS-01	STRUCTURAL SPECIFICATIONS - CONCRETE FOUNDATIONS
CFA-01	CONCRETE FOUNDATION PLAN - ABOVE GRADE - WOOD FLOOR
CFA-02	CONCRETE FOUNDATION PLAN - ABOVE GRADE - CONCRETE FLOOR
CFA-D01	CONCRETE FOUNDATION DETAILS - ABOVE GRADE
CFB-01	CONCRETE FOUNDATION PLAN - BELOW GRADE - WOOD FLOOR
CFB-02	CONCRETE FOUNDATION PLAN - BELOW GRADE - CONCRETE FLOOR
CFB-D01	CONCRETE FOUNDATION DETAILS - BELOW GRADE
CFD-D02	FOUNDATION DETAILS - CONCRETE

PREVIOUSLY APPROVED PC A-NUMBERS FOR USE WITH THIS FOUNDATION PC:

BUILDING DATA 24x40 RIGID FRAME

PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
PC 80	05/14/1989	24X40	50/50+20/100#	MODTECH
PC 96	09/19/1922	24X40	50+20#	MODTECH
PC 112	05/15/1990	24X40	50/50+20#	AURORA
PC 243	09/19/1995	24X40	50+20#	MODTECH
PC 275	08/10/1998	24X40	50/50+20#	MODTECH
PC 282	09/03/1998	24X40	50+20#	MODTECH
PC 04-104796	07/07/2005	24X40	50+20#	MODTECH
PC 04-104819	10/24/2005	24X40	50/50+20#	MODTECH
PC 370	09/12/1999	24X40	50#***50+20#	MODTECH
PC 104854	12/03/2007	24X40	50+20#	CURRENT/EHU
PC 04-105073	01/16/2008	24X40	50+20#	SMI
PC 52	05/10/1995	24X40	50/50+20/100#	AURORA
PC 04-104774	03/03/2005	24X40	50/50+20/100#	ASI
PC 367	01/20/1999	24X40	50+20#	EBS
PC 330	09/04/1997	24X40	50/50+20#	PACE SETTER
	05/10/1996	24X40	50/50+20/100+25#	

REV #1
APPROVED
DIVISION OF THE STATE ARCHITECT
ACS FLS SSS
A# 04-116392 DATE 8/15/2018

BUILDING DATA (EXPANDABLE BLDG SIZES) RIGID FRAME

PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
04-104793	05/03/2005	24-144X40	50/50+20/100#	MODTECH
04-107557	03/24/2006	24/36/48X40	50/50+20/100/150#	SILVER CREEK
04-104999	03/09/2010	24-60X40	50/50+20/100#	SILVER CREEK
04-105074	1 12/28/2011	24-60X40	50/50+20/100#	SILVER CREEK
PC 4-109619	12/09/2010	24/36/48-120X40	50/50+20/100/150#	SILVER CREEK
PC 4-113147	04/10/2013	24/36/48-120X40	50/50+20/100/150#	SILVER CREEK
PC 4-114037	09/18/2013	24/36/48-120X40	50/50+20/100/150#	SILVER CREEK
PC 4-115886	03/06/2015	24/36/48-120X40	50/50+20/100/150#	SILVER CREEK
PC 4-116103	08/04/2015	24/36/48-120X40	50/50+20/100/150#	SILVER CREEK
PC 248	05/06/1995	24/36/48X40	50/50+20/100#	MODTECH
PC 79	11/06/1990	24/36/48X40	50/50+20/100#	MODTECH
PC 258	04/13/1995	24/36/48X40	50/50+20	MODTECH
PC 266	05/26/1995	24/36/48X40	50/50+20/100#	MODTECH
PC 104268	12/18/1997	24/36/48X40	50/50+20/100#	MODTECH
PC 104801	05/22/1998	24/36/48X40	50/50+20/100#	MODTECH
289	03/21/1997	24/36/48X40	50/50+20#	MODTECH
PC 100395	08/08/1998	24/36/48X40	50/50+20/100#	AURORA
04-101061	06/20/2000	24/36/48X40	50/50+20/100#	AURORA
335	06/24/1997	24/36/48X40	50/50+20/100#	ASI
PC 321	10/16/1997	24/36/48X40	50/50+20/100#	ASI
04-105195	07/24/2006	24/36/48X40	50/50+20/100#	WALDEN
04-116668	07/24/2018	24/36/48-120X40	50/50+15/100/150#	SILVER CREEK

REV #2
APPROVED
DIVISION OF THE STATE ARCHITECT
ACS FLS SSS
A# 04-116392 DATE 10/17/2018

REV # 3
APPROVED
DIVISION OF THE STATE ARCHITECT
ACS FLS SSS
A# 04-116392 DATE 7/24/2019

APPLICABLE CODES

LIST OF 2016 CALIFORNIA CODE OF REGULATIONS

2016 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R.
2016 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
(2015 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2016 CALIFORNIA AMENDMENTS)
2016 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
(2014 NATIONAL ELECTRICAL CODE AND 2016 CALIFORNIA AMENDMENTS)
2016 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
(2015 UNIFORM MECHANICAL CODE AND 2016 CALIFORNIA AMENDMENTS)
2016 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
(2015 UNIFORM PLUMBING CODE AND 2016 CALIFORNIA AMENDMENTS)
2016 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
2016 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
(2015 INTERNATIONAL FIRE CODE AND 2016 CALIFORNIA AMENDMENTS)
2016 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
2013 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
2007 ASME A17.1 (W/A17.1B/CSA B44B-08 ADDENDA) SAFETY CODE FOR ELEVATORS AND ESCALATORS

ELITE MODULAR
LEASING & SALES, INC.
P.O. BOX 78447
CORONA CA 92877
PHONE: 951-422-2500
FAX: 951-943-3074

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PROJECT NAME:

SHEET TITLE:
COVER SHEET

ARCHITECT OF RECORD
SUBMISSION DATE

No. S-3602
REN 08-31-2019
STRUCTURAL ENGINEER
STATE OF CALIFORNIA
DATE SIGNED
NOV 08 2017

PROJECT SPECIFIC STATE AGENCY APPROVAL

No. S-33467
REN 08-31-2019
LICENSED ARCHITECT
STATE OF CALIFORNIA

ORIGINAL PC STATE AGENCY APPROVAL
SSS 6 Cotter
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04-116392
AC FLS SS
DATE NOV 1 7 2017
ACCESS PC'S ONLY
PC-1 TO PC-4 INCLUSIVE

No. S-33467
REN 08-31-2019
LICENSED ARCHITECT
STATE OF CALIFORNIA

C33467
08-31-19
DATE
LICENSED ARCHITECT
STATE OF CALIFORNIA

REVISIONS
- 10/17/18 ADDED PC's 289, 335, 370, 04-105195 & 04-116668 TO LIST
- 7/24/19 ADDED PC's 289 & 04-116668 TO LIST

PROJECT NO:
DRAWN BY: Y.C.
SCALE: AS NOTED
DATE: APRIL 25, 2017
SHEET NUMBER
CP

R53–R56

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019

CARPENTRY:

1. SCOPE OF WORK: CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO INSTALL CARPENTRY
2. WORKMANSHIP:
   A. FRAMING: SECURELY NAILED, BRIDGED AND BLOCKED TO FORM RIGID STRUCTURE, WORK CUT, FITTED AND ASSEMBLED LEAVE, PLUMBING AND TRUE LINE. TRIM IN AS LONG LENGTHS AS POSSIBLE WITH ALL STANDING TRIM IN ONE PIECE. TRIM SEALED AT ALL EDGES.

   B. NAILING: IN ACCORDANCE WITH THE TITLE 24 CCR-TABLE 2304.10.1 NAILS SHALL BE CORROSION RESISTANT BOX NAILS.

   C. MACHINE APPLIED NAILING SHALL HAVE PRIOR DEMONSTRATION AND APPROVAL BY DSA FIELD INSPECTOR AND THE ARCHITECT. THE APPROVAL IS SUBJECT TO CONTINUOUS SATISFACTORY PERFORMANCE. PLYWOOD SHALL HAVE A MINIMUM THICKNESS OF 3/8". IF NAIL HEADS PENETRATE THE OUTER PLY MORE THAN WOULD BE NORMAL FOR A HAND HAMMER OR IF MINIMUM ALLOWABLE EDGE DISTANCES ARE NOT MAINTAINED, THE PERFORMANCE WILL BE DEEMED UNSATISFACTORY.

   D. TRIM: SEALED AT ALL EDGES. SEALANT PAINTED TO MATCH TRIM OR SIDING.

MATERIAL SPECIFICATIONS:

1. STRUCTURAL FRAMING SHALL BE HEM FIR-LARCH GRADED IN ACCORDANCE WITH THE STANDARD GRADING RULES OF THE WESTERN WOOD PRODUCTS ASSOCIATION OR STANDARD GRADING RULES NO. 16 OF THE WEST COAST LUMBER INSPECTION BUREAU, LATEST EDITIONS. GRADES SHALL BE AS OF FOLLOWS UNLESS NOTED OTHERWISE ON THE DRAWINGS. (HEM FIR SOUTH IS NOT ALLOWED) EACH PIECE SHALL BE GRADE MARKED AND NO PIECE MAY FAIL BELOW GRADES INDICATED. ALL FRAMING EXCEPT AS NOTED HEM FIR #2.
2. PLYWOOD SHALL BE AS SHOWN ON THESE DRAWINGS WITH EXTERIOR GLUE IN ACCORDANCE WITH U.S. PRODUCT STANDARD PS 1-07. ALL PANELS SHALL BE MARKED WITH AN APA GRADE MARK WITH AN IDENTIFICATION INDEX AS SHOWN ON DRAWINGS. USE 4'X8' PANELS- MINIMUM, EXCEPT AT BOUNDARIES AND AT FRAMING CHANGES WHERE MINIMUM PANEL DIMENSION SHALL BE 24" AT ROOFS AND FLOORS AND 12" AT WALLS.
3. BOLTS FOR TIMBER CONNECTIONS SHALL CONFORM TO SNAI/ASME STANDARD B18.2.1-2012 & 2015 EDITION OF NDS (THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION BY THE NATIONAL FOREST PRODUCTS ASSOCIATION) BOLTS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENT OF 2015 NDS.
   BOLT HOLES SHALL BE 1/32 TO 1/16 INCH LARGER THAN BOLD DIAMETER. BOLTS SHALL BE FULL BODY WITH MINIMUM YIELD STRENGTH OF 45,000PSI. RE-TIGHTEN BOLTS BEFORE CLOSING IN WORK.
4. LAG SCREWS SHALL BE STEEL AND CONFORM TO ANSI/ASME STANDARDS B18.2.1 AND 2015 NDS. HOLES FOR LAG SCREWS SHANKS SHALL BE BORED THE SAME DEPTH AND DIAMETER AS THE SHANK. THE REMAINING DEPTH OF PENETRATION OF THE SCREW SHALL BE BORED TO 70% OF THE SHANK DIAMETER. OR QUARTER INCH (1/4") DIAMETER LAG SCREWS NEED NOT HAVE PRE-DRILLED HOLES IF IT CAN BE SHOWN THAT WOOD MEMBERS ARE NOT DAMAGED DURING INSTALLATION. PROVIDE FULL DIAMETER BODY LAG SCREWS WITH BENDING YIELD STRENGTHS PER TABLE 11J IN NDS.
5. PROVIDE MALLEABLE IRON WASHERS OR EQUIVALENT CUT PLATE WASHERS (NOT LESS THAN A STANDARD CUT WASHER) UNDER NUTS AND BOLT OR LAG SCREWS HEADS WHICH BEAR ON WOOD.
6. WOOD SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.6.1 AND THE REQUIREMENTS OF THE 2015 NDS. GALVANIZED OR OTHER CORROSION RESISTANT COATING WHERE EXPOSED TO WEATHER OR USED IN FOUNDATIONS. SCREWS SHALL BE STEEL WITH CUT THREADS AND BENDING YIELD STRENGTHS PER TABLE 11L IN NDS.
7. WOOD MEMBERS SHALL BE CUT OR NOTCHED ONLY AS SHOWN ON STRUCTURAL DRAWINGS.
8. WHEN REQUIRED NAILING TENDS TO SPLIT WOOD MEMBERS, NAIL HOLES SHALL BE PRE-BORED TO 3/4 OF THE NAIL DIAMETER.
9. STRUCTURAL NAILING SHALL BE WITH BOX NAILS PER ALL REQUIREMENTS OF 2015 NDS. NAILING NOT SPECIFICALLY INDICATED SHALL COMPLY WITH CCR TITLE 24, PART 2, TABLE 2304.10.1 ALL NAILS SHALL BE GALVANIZED OR OTHER CORROSION RESISTANT COATING WHERE EXPOSED TO WEATHER, IN FOUNDATIONS AND AS NOTED ON PLANS. PER THE REQUIREMENTS OF CCR TITLE 24, PAR2, WITH MINIMUM BENDING YIELDS PER TABLE 11N IN NDS. (SEE NAIL EQUIVALENCE BELOW)
10. NAIL EQUIVALENCE:
    (PROVIDE MINIMUM NAIL LENGHTS AS REQUIRED FOR SPECIFIED PENETRATION, TYPICAL: U.N.O)

    6D EQUALS .113" DIA - PROVIDE 1.36" MINIMUM POINT PENETRATION
    8D EQUALS .131" DIA - PROVIDE 1.57" MINIMUM POINT PENETRATION

11. PRESSURE PRESERVATIVE TREATMENT SHALL BE PER SECTION 2303.1.9. CCR TITLE 24, PART 2. PROVIDE QUALITY MARK ON AL TREATED FOUNDATION MEMBERS THAT COMPLY WITH CBC 2303.1.9.1. ALL FOUNDATION MEMBERS SHALL BE MARKED AS "FOR GROUND CONTACT" OR "FOR ABOVE GROUND USE" AS APPROPRIATE. PRESSURE TREATED MATERIAL SHALL COMPLY WITH AWPA STANDARD U1 AS REQUIRED BY CBC 2303.1.9 TREAT ALL CUT ENDS OF PRESSURE TREATED MEMBERS WITH AN APPROVED PRESERVATIVE. (WILLARD WB COOPER GREEN 2S OR AN APPROVED EQUIVALENT) WHERE NOTED MEMBERS BELOW THE SUB FLOOR THAT ARE NOT A PART OF THE FOUNDATION SHALL BE PRESSURE TREATED.
12. ONLY MATERIALS IN CONTACT WITH THE GROUND NEEDS TO BE PRESSURE TREATED, ALL OTHER FOUNDATION LUMBER CAN BE DF OR HF#2 OR EQUAL.
13. IF MACHINE NAILING IS UTILIZED FOR THIS PROJECT, CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF CCR TITLE 24, PART 2. MACHINE NAILING IS SUBJECT TO APPROVAL BY THE STRUCTURAL ENGINEER OR ARCHITECT AND THE DIVISION OF THE STATE ARCHITECT.
14. FASTENERS FOR PRESSURE-PRESERVATIVE TREATED AND FIRE-RETARDANT TREATED WOOD SHALL COMPLY WITH SECTION 2304.10.5 OF CBC.
15. NAILS AND SPIKES USED IN WET OR EXTERIOR LOCATIONS SHALL COMPLY WITH SECTION 2304.10.5 OF CBC
16. SHIM MATERIAL SHALL BE PLYWOOD CD EXP 1 OR EQUAL (NOT PRESSURE TREATED)
17. USE LUMBER IN GOOD CONDITION IS ACCEPTABLE FOR USE IN FOUNDATION SYSTEM
18. TIE PLATES SHALL FONFORM TO A-1011 GRADE 33.

SITE INSTALLATION REQUIREMENTS FOR DSA CLASSROOM BUILDINGS:

IN THE CASE OF EQUIPMENT LOCATED IN THE STATE OF CALIFORNIA, THE LESSEE (SCHOOL DISTRICT) IS RESPONSIBLE FOR THE SITE BEING CLEARED (FREE OF GRASS, TREES, SHRUBS, ETC) AND GRADED TO WITHIN 4 1/2" OF LEVEL GRADE FOR EACH BUILDING. IF THE SITE EXCEEDS THE 4 1/2" LEVEL GRADE REQUIREMENT ADDITIONAL COSTS MAY BE CHARGED TO LESSEE.

UNDER NO CIRCUMSTANCES SHOULD THE SITE BE GREATER THAN 9" FROM LEVEL GRADE OR HAVE LESS THAN 1000 PSF MINIMUM SOIL BEARING PRESSURE.

PRIOR TO DELIVERY, THE LESSEE SHALL MARK THE FOUND CORNERS OF THE BUILDING ON THE SITE, INCLUDING DOOR LOCATION. SHOULD SPECIAL HANDLING BE REQUIRED TO EITHER PLACE, INSTALL OR RELOCATE THE CLASSROOM ON THE LESSEE'S SITE DUE TO SITE OBSTRUCTION SUCH AS FENCING, LANDSCAPING, OTHER CLASSROOMS, ETC. ADDITIONAL COST WILL BE CHARGED TO LESSEE

SITE INSTALLATION REQUIREMENTS FOR DSA CLASSROOM BUILDINGS:

1. PROVIDE ELECTRICAL GROUND TEST PER DSA IR E-1
2. FIELD WELDING FOR WELDING TIE PLATE OPTION. (IF USED, REQUIRES TEST AND INSPECTION)

   THE EXAMPLE FORM DSA 103'S SHOWN ON THIS SHEET ARE FOR ILLUSTRATION PURPOSES ONLY. A FORM DSA 103 IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING INCORPORATED INTO AND ALL EXAMPLE FORM DSA 103'S ARE TO BE CROSSED OUT ON THIS DRAWING.

3. NO OTHER TEST AND INSPECTIONS ARE REQUIRED.

SPECIFICATIONS
RELOCATABLE CLASSROOMS

GENERAL REQUIREMENTS:

1. THE REQUIREMENTS OF THE GENERAL CONDITIONS OF THE AGREEMENT AND THESE GENERAL REQUIREMENTS APPLY TO THE SEVERAL TRADE SECTIONS WITH THE SAME FORCE AS THOUGH FULLY REPEATED IN EACH SECTION.
2. NAME BRANDS ARE INDICATED TO ESTABLISH A STANDARD OF QUALITY ITEMS OF EQUAL OR BETTER QUALITY MAY BE SUBSTITUTED FOR THE LISTED BRAND NAME PRODUCTS

SCOPE OF WORK:

1. THE WORK CONSISTS OF INSTALLING ON-SITE MODULAR RELOCATABLE BUILDINGS AS DEFINED HEREIN, SHOWN AND DETAILED ON THE DRAWINGS
2. ALL REQUIREMENTS OF CCR (CALIFORNIA CODE REGULATION) TITLE 19 AND 24 RELATING TO INSPECTIONS AND VERIFIED REPORTS SHALL BE COMPLIED WITH AND SHALL INCLUDE:

A. GENERAL RESPONSIBLE CHARGE OF FIELD ADMINISTRATION BY THE ARCHITECT OF RECORD.

B. INSPECTION DURING THE COURSE OF CONSTRUCTION BY AN INSPECTOR APPROVED BY DSA (DIVISION OF THE STATE ARCHITECT) AND THE DISTRICT ARCHITECT. THE INSPECTOR SHALL BE RESPONSIBLE FOR AND APPROVED TO INSPECT THE GENERAL CONSTRUCTION, WELDING, MECHANICAL AND ELECTRICAL WORK, COST OF THESE INSPECTIONS SHALL BE BORNE BY THE SCHOOL DISTRICT.

C. ON SITE INSPECTION OF THE BUILDING INSTALLATION, ELECTRICAL AND UTILITY OF THE BUILDING INSTALLATION OR CONNECTION BY AN INSPECTOR APPROVED BY THE DSA AND RETAINED BY THE SCHOOL DISTRICT.

D. OTHER SPECIAL TEST OR INSPECTIONS AS MAY BE REQUIRED BY DSA COST OF THESE INSPECTION TEST SHALL BE BORNE BY THE SCHOOL DISTRICT

WORK NOT INCLUDED:

1. ALL ON SITE OR OFF SITE UTILITIES AND THE CONNECTION OF THEM TO THE BUILDING UNLESS INDICATED ON THE DRAWINGS
2. ALL LEVELING, GRADING OR OTHER SITE PREPARATION (EXCEPT CONCRETE OR WOOD LEVELING STRIPS, WHERE REQUIRED) UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
3. FIRE ALARM SYSTEM, PROGRAM BELL, LOCK, PUBLIC ADDRESS SYSTEM, INTERCOM SYSTEM, TV SYSTEM, COMPUTER DATA OR ANY OTHER LOW VOLTAGE SYSTEM, UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR THE LEASE AGREEMENT.

ACCESSIBILITY OF SITE:

THE SCHOOL DISTRICT SHALL PROVIDE ACCESS TO THE SITE FOR THE INSTALLATION OF THE BUILDING. REMOVAL OF TREES, SHRUBS, FENCING, SPRINKLERS, ETC. NECESSARY FOR MOVE-IN AND REMOVAL OF THE BUILDINGS SHALL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT.

SITE ASSEMBLY:

1. SCOPE OF WORK: CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO PREPARE THE BUILDING ELEMENTS, TRANSPORT THEM FROM PLANT TO THE SITE AND COMPLETE THE ASSEMBLY AT THE SITE.
   THE CONDITION OF THE SITE, SUCH AS DRAINAGE AND SOIL BEARING CAPACITY, SHALL BE THE RESPONSIBILITY OF THE SCHOOL DISTRICT AND THE ARCHITECT ARCHITECT.

2. ASSEMBLY OF ELEMENTS:
   A. IN A LOCATION ON THE SITE AS DETERMINED BY THE DISTRICT ARCHITECT. THE CONTRACTOR SHALL PLACE THE FOUNDATION AS DETAILED ON THE DRAWINGS.
   B. THE ELEMENTS SHALL BE BROUGHT TO THE SITE ON A WHEEL ASSEMBLY AND TRANSFERRED TO THE PREPARED SITE. GREAT CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE ELEMENTS BY RACKING OR BUMPING.
   C. CONNECTION OF THE ELEMENTS TOGETHER SHALL BE DONE ACCORDING TO INSTRUCTIONS ON THE DRAWINGS. FLASHING, TRIM AND OTHER LOOSE ITEMS SHALL BE INSTALLED PER PLANS AND DETAILS OF THE ORIGINAL BUILDING MANUFACTURER'S DRAWINGS.

DESIGN DATA:

FLOOR LIVE LOAD =	50 PSF, 50+20 PSF PARTITIONS, 100 PSF
ROOF LIVE LOAD =	20 PSF REDUCIBLE FOR TRIBUTARY AREA
WIND SPEED =	120 MPH (V) (3 SECOND GUST), Kzt = 1.0, I = 1.0
SNOW LOAD =	PROJECT IS NOT LOCATED IN A SNOW REGION
BUILDING CODES =	2015 IBC AND 2016CBC

SEISMIC DESIGN DATA:

BASIC SEISMIC FORCE RESISTING SYSTEM =	STEEL MOMENT FRAME
ANALYSIS PROCEDURE USED =	EQUIVALENT LATERAL FORCE
SEISMIC DESIGN CATEGORY =	E (PER CBC SECTION 1613A.3.5)
DESIGN BASE SHEAR: 24X40 BUILDING =	9460 # (ROOF, FLOOR, WALLS & PARTITIONS)
36X40 BUILDING =	14190 # (ROOF, FLOOR, WALLS & PARTITIONS)
48X40 BUILDING =	18920 # (ROOF, FLOOR, WALLS & PARTITIONS)

MOMENT FRAME PC'S:

Ie = 1.0 Cd = 0.497 R = 3.5 SITE CLASS = D
Ss = 3.73 MAPPED VALUE MAX / 0.75 Ss = 2.611 (FOR DESIGN VALUE MAX)
SDS = 1.74 (SITE SPECIFIC DOCUMENTATION JUSTIFYING SDS SHALL BE SUBMITTED TO DSA PRIOR TO APPROVAL)
S1 = 1.389 SD1 = 1.389
RISK CATEGORY = II

FLOOD DESIGN DATE:

PROJECT IS NOT LOCATED IN A FLOOD ZONE

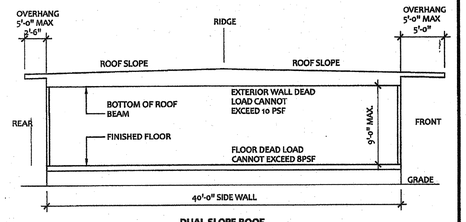
SOIL BEARING:

ALLOWABLE SOIL BEARING = 1,000 PSF

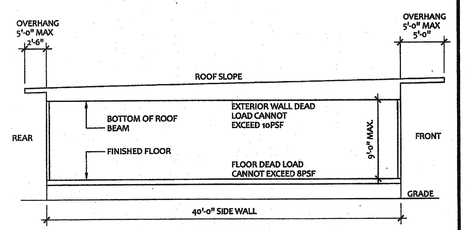
LIMITATIONS FOUNDATION PC ONLY:

FOUNDATION ONLY PC IS DESIGNED TO SUPPORT THE SUPERSTRUCTURE FOR THE RELOCATABLE BUILDINGS AS LISTED ON THIS DRAWING.

THE DESIGN CALCULATIONS ARE BASED ON THE FOLLOWING:
1. DAS APPROVED STOCKPILE BUILDINGS
2. ROOF OVERHANGS OF 5'-0" MAXIMUM
3. SINGLE SLOPE OR DUAL SLOPE BUILDINGS
   WALL HEIGHT: 5'-0" MAXIMUM ON DUAL-SLOPE BUILDINGS.
   WALL HEIGHT: 10'-4" MAXIMUM ON SINGLE SLOPE BUILDINGS.
   (HEIGHT DETERMINED FROM FINISH FLOOR IN BUILDING TO BOTTOM OF STEEL ROOF STRUCTURE: BEAMS OR ROOF HEADERS)
4. WALL DEAD LOAD OF 10PSF (NOT STUCCO)
5. FLOOR DEAD LOAD OF 8PSF



DUAL SLOPE ROOF
NTS



MONO SLOPE ROOF
NTS

TYPICAL ELEVATIONS ARE SHOWN TO CLARIFY FOUNDATION PC ONLY LIMITATIONS DOCUMENTATION SHALL BE PROVIDED BY ENGINEER OR GENERAL RESPONSIBLE CHARGE TO BE REVIEWED AND APPROVED BY THE DSA STRUCTURAL PLAN REVIEWER

DSA — DEPARTMENT OF GENERAL SERVICES

DSA-103 rev 9/1/2016
Listing of Structural Tests & Special Inspections - 2016 CBC

INCREMENT # | DSA File No.: | Application No.: | Date Submitted: | Revised: | Revised:

School Name | District

IMPORTANT: This form is only a summary list of structural tests and some of the special inspections required for the project. Generally, the structural tests and special inspections noted on this form are those that will be performed by the Geotechnical Engineer of Record, Laboratory of Record, or Special Inspector. The actual complete test and inspection program must be performed as detailed on the DSA approved documents. The appendix at the bottom of this form identifies work NOT subject to DSA requirements for special inspection or structural testing. The project Inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A.
NOTE: This form is also available for projects submitted for review under the 2007 and 2010

INSTRUCTIONS: Click a plus sign (+) before any category or subcategory to reveal additional tests and special inspections. A shaded bar indicates a test or special inspection that may be required, depending on the scope of the construction and other issues. A shaded box can be clicked indicating your selection of that test. **Note:** A minus (-) on a category or subcategory heading indicates that it can be collapsed. However, any selections you may have made will be cleared. Click on the "COMPILE" button to show only the tests and inspections finally selected. For more information on use of this form, see DSA-103.INSTR.

Note: References are to the 2013 edition of the California Building Code (CBC) unless otherwise noted.

REQUIRED	TEST OR SPECIAL INSPECTION	TYPE†	PERFORMED BY‡	CODE REFERENCE AND NOTES
+	SOILS			Table 1705A.3
+	CONCRETE			TMS 402-11/ACI 530-11/ASCE 5-11 Table 1.19.3
+	MASONRY			Table 1705A.2.1
+	STEEL, ALUMINUM			
+	20. NONDESTRUCTIVE TESTING:			
+	21. STEEL JOISTS AND TRUSSES:			
+	22. SPRAY APPLIED FIRE-PROOFING:			
+	23. ANCHOR BOLTS, ANCHOR RODS, & OTHER STEEL:			
+	WOOD			
+	OTHER			

List of required verified report(s):

KEY to Columns	
1 Type -	2 Performed By -
Continuous – Indicates that a continuous special inspection is required	GSI – Indicates that the special inspection is to be performed by a registered geotechnical engineer or his or her authorized representative
Periodic – Indicates that a periodic special inspection is required	LOR – Indicates that the test or inspection is to be performed by a testing laboratory accepted in the DSA Laboratory Evaluation and Acceptance (LEA) Program. See section 4-335, 2013 CCR Title 24, Part 1.
Test – Indicates that a test is required	SI – Indicates that the special inspection is to be performed by a special inspector

ELITE MODULAR
LEASING & SALES, INC.
P.O. BOX 78447
CORONA CA 92877
PHONE: 951-422-2500
FAX: 951-943-3074

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PROJECT NAME:

SHEET TITLE:
STRUCTURAL SPECIFICATIONS WOOD FOUNDATIONS

ARCHITECT OF RECORD
SUBMISSION DATE
CHAD T. BRADLEY
No. 30606
REGISTERED PROFESSIONAL ENGINEER
STRUCTURAL
STATE OF CALIFORNIA
DATE SIGNED
NOV 08 2017
LICENSE EXPIRES 6-30-19

PROJECT SPECIFIC STATE AGENCY APPROVAL

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (PC) DOCUMENT
NOT FOR CONSTRUCTION
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04-116392
AC FLS SS
DATE NOV 14 2017

REVISIONS

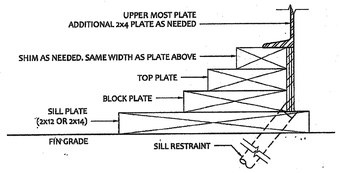
PROJECT NO:	
DRAWN BY:	Y.C.
SCALE:	AS NOTED
DATE:	APRIL 25, 2017

SHEET NUMBER
WFS-01

R53-R56

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

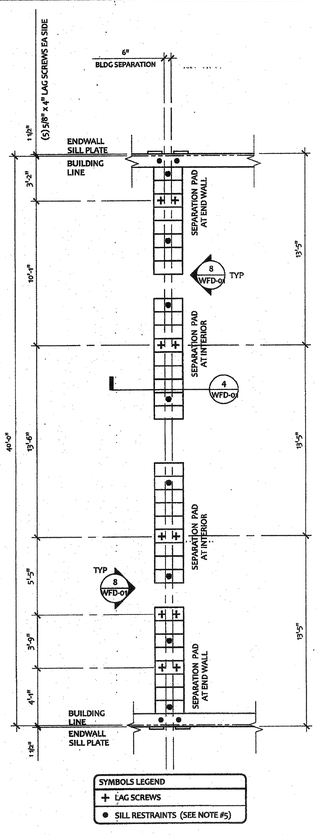
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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS 87
DATE SEP 30 2019



FOUNDATION PLATE DESCRIPTION

1. BUILDINGS OVER 2160 SF, MUST BE INSTALLED ON A PERMANENT CONCRETE FOUNDATION PER IR 16-1.16 SECTION 4
2. FOUNDATION PLAN HAS A 1/4" ADDED AT EACH MODULE LINE AND DOES NOT MATCH THE FLOOR PLAN. ADDITIONAL LENGTH ADDED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULAR FLOORS.
3. FOUNDATION VENTS THAT OCCUR UNDER RAMP LANDINGS, PROVIDE AN EQUAL AREA OF SCREENED VENT IN LANDING SKIRT.
4. WOOD SILL (FOOTING) PLATES SHALL BE PRESSURE TREATED HEM-FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE. GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING BY OTHERS. THE WOOD SILL FOOTING PLATE MAY SUPPORT CONTINUOUS BLOCKING AND SHEATHING SKIRT WHICH NEED NOT BE TREATED.
5. SILL RESTRAINT:
   THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMPS AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES. AN ACCEPTABLE DESIGN WOULD INCORPORATE ONE-INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL O.D.) HOT DIPPED GALVANIZED PIPES OR ONE-INCH DIAMETER SOLID STEEL RODS SPACED AT NOT MORE THAN 10'-0" O.C. ONE PIPE / ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPES / RODS PER DISCONTINUOUS FOUNDATIONS STRIP. PIPES SHOULD PENETRATE INTO SOIL, CONCRETE, AND/OR PAVING A MINIMUM OF 12" MEASURED VERTICALLY. ALTERNATE OR EQUIVALENT DESIGNS, WHEN PROVIDED WITH STRUCTURAL CALCULATIONS AND DETAILS, WILL BE SUBMITTED TO DSA FOR REVIEW AND APPROVAL.
6. STACKED WOOD MEMBERS FOR FOUNDATIONS AND PRESSURE TREATED LUMBER SHALL BE NAILED WITH HOT DIPPED GALVANIZED PER ASTM A-153
7. VENTILATION OPENINGS SHALL BE COVERED FOR EITHER HEIGHT AND WIDTH WITH CORROSION - RESISTANT WIRE MESH, WITH A CLEAR "THROUGH" DIMENSION NOT EXCEEDING 1/8" ACTING AS A VERMIN BARRIER.
8. VENTING CALCULATION REQUIREMENTS FOR MULTIPLE BUILDING SETS MUST BE CALCULATED WITH OVERALL SQUARE FOOTAGE INCLUDING SEPARATION.
9. FOR FOUNDATION ANCHORAGE ON CONCRETE PAD, SEE DETAIL 15/WFD-01
10. IF OPTIONAL ENDWALL VENTS ARE APPLIED, SILL PLATE AND BLOCK PLATE MUST BE CONTINUOUS. VENT OPENINGS SHALL BE BROKEN ABOVE THE BLOCK PLATE
11. FOR FOUNDATION SPLICE - SEE 5/WFD-01
12. CRAWLSPACE VAPOR RETARDERS (OPTIONAL):
    THE OPTIONAL TOTAL AREA OF VENTILATION OPENINGS IS PERMITTED TO BE REDUCED TO 1/1500 FACTOR WITH AN APPROVED VAPOR RETARDER MATERIAL PER CBC SECTION 1203.3.2(2).
    MATERIALS:
    GROUND SURFACE COVERED WITH AN APPROVED VAPOR RETARDER MATERIAL; MUST HAVE A PERM RATING OF ONE OR LESS; SHOULD BE CONTINUOUS; POLYETHELYNE FILM (≥ 6 MIL); POOL LINER (PUNCTURE RESISTANT); AND POLYETHELYNE FILM WITH RAT SLAB.
    INSTALLATION RECOMMENDATIONS:
    OVERLAP JOINTS BY 6 INCHES; TAPE OR SEAL ALL JOINTS; ATTACH VAPOR RETARDER OVER SILL PLATE PER 19/WFD-01; SEAL TO ALL PIERS AND OTHER PENETRATIONS.
13. ENDWALL VENTS (IF REQ'D) SHALL BE LOCATED A MIN OF 24" FROM BUILDING CORNERS. MAXIMUM ONE ENDWALL VENT PER 12'-0" MODULE
14. CONCRETE FLOOR LOAD IS INCLUDED IN THE CONCRETE FOUNDATION OPTION FOR FOUNDATION & ANCHORAGE DESIGN, I.E. THERE IS NO CONCRETE FLOOR FOR WOOD FOUNDATION OPTION. THERE IS CONCRETE FLOOR FOR CONCRETE FOUNDATION OPTION
15. IF PARAPET IS HIGHER THAN 18". COMBINATION REQUIRES A 2 X 14" OR 2 X 16" SILL PLATE @ EXTERIOR OF BUILDING
16. 150 PSF FLOOR LIVE LOAD OPTION CANNOT BE USED WITH THE STUCCO WALL OPTION
17. VENTS AT MODLINE FOUNDATIONS. THE MINIMUM CRITERIA REQUIREMENT AS FOLLOWS:
    A. VENTS HAVE A MINIMUM OF 2 SILL /BLOCKING PLATES BENEATH.
    B. VENTS ARE A MAXIMUM OF 6" LONG X 3" MIN. HIGH.
    C. VENTS ARE SPACED A MINIMUM OF 8" APART (EDGE TO EDGE) AND 24" MIN. FROM CORNERS.

NOTES



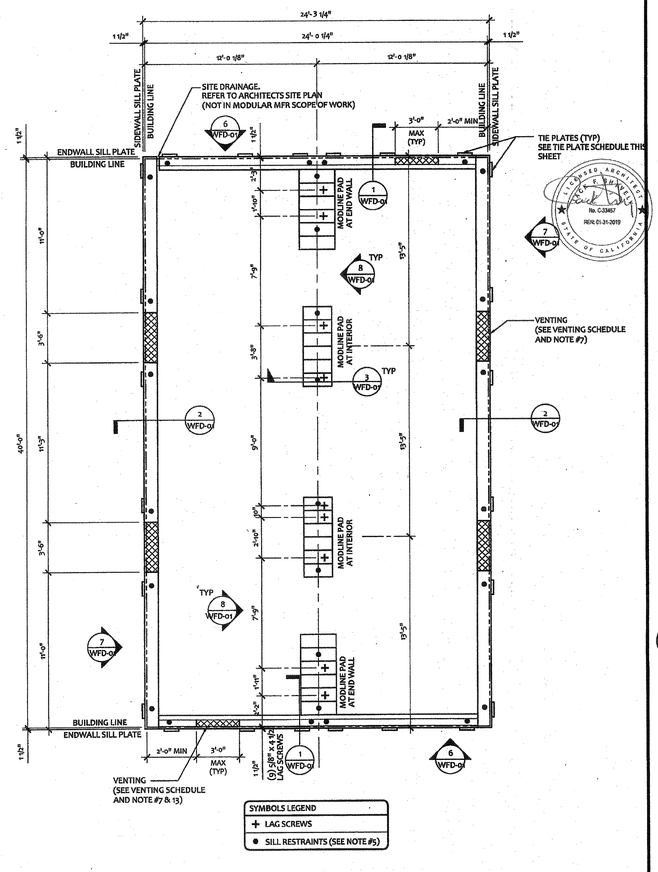
SCALE: 1/4" = 1'-0"

FOOTING AT SEPARATION-ONE BUILDING | 3

- ☐ 60'-6" x 40' BUILDING: 2420 SF / 150 = 16.13 SF VENT REQ'D
  (4) - "A" VENT = 5.25 SF
  (10) - "C" VENT = 11.25 SF
  16.5 SF TOTAL VENTILATION (> 16.13 SF)
- ☐ 73'-0" x 40' BUILDING: 2920 SF / 150 = 19.46 SF VENT REQ'D
  (5) - "A" VENT = 5.25 SF
  (12) - "C" VENT = 13.50 SF
  20.06 SF TOTAL VENTILATION (> 19.46 SF)
  (VAPOR BARRIER REQUIRED)
- ☐ 85' x 40' BUILDING: 3400 SF / 150 = 22.66 SF VENT REQ'D
  (6) - "A" VENT = 7.87 SF
  (14) - "C" VENT = 15.75 SF
  23.62 SF TOTAL VENTILATION (> 22.66 SF)
  (VAPOR BARRIER REQUIRED)
- ☐ 97'-6" x 40' BUILDING: 3900 SF / 150 = 26 SF VENT REQ'D
  (7) - "A" VENT = 9.1875 SF
  (16) - "C" VENT = 18.00 SF
  27.18 SF TOTAL VENTILATION (> 26 SF)
  (VAPOR BARRIER REQUIRED)
- ☐ 109'-6" x 40' BUILDING: 4380 SF / 150 = 29.2 SF VENT REQ'D
  (7) - "A" VENT = 9.1875 SF
  (18) - "C" VENT = 20.25 SF
  29.43 SF TOTAL VENTILATION (> 29.2 SF)
  (VAPOR BARRIER REQUIRED)
- ☐ 122'-0" x 40' BUILDING: 4880 SF / 150 = 32.53 SF VENT REQ'D
  (8) - "A" VENT = 10.5 SF
  (20) - "C" VENT = 22.5 SF
  33 SF TOTAL VENTILATION (>32.53 SF)
  (VAPOR BARRIER REQUIRED)

NOTE:
VENTING REQUIREMENTS MAY BE RE-CALCULATED
DEPENDING ON GRADE CONDITIONS ON A PER-JOB BASIS

VENTING CALCULATIONS (VARIOUS BLDG. SIZES) | 2



FOUNDATION PLAN

SCALE: 1/4" = 1'-0" | 1

WOOD FOUNDATION PLATE SCHEDULE - 50 + 15 PSF

PLATES	END WALL	SIDE WALL	MODLINE PAD AT END WALL	MODLINE PAD AT INTERIOR	SEPARATION PAD AT ENDWALL ONE BLDG	SEPARATION PAD AT INTERIOR ONE BLDG
ADDITIONAL TOP PLATE (AS NEEDED)	2x4	2x4	2x6	2x6	2x12	2x12
TOP	2x6	2x6	2x8	2x8	2x12	2x12
BLOCK	2x8	2x8	2x10	2x10	2x12	2x12
SILL	2x12 (2x14)[9]	2x12 (2x14)[9]	(6) 2x12 X 2'-0"	(6) 2x12 X 2'-6"	(7) 2x12 X 2'-0"	(10) 2x12 X 2'-0"

KEY PLAN VENTING SCHEDULE

VENT "A" (SIDEWALL): 3'-6" x 4.5" = 1.3125 S.F. VENTILATION
"VENT OPENING BELOW CONT UPPER PLATE"

VENT "B" (ENDWALL): 3'-0" x 3" = 0.75 S.F. VENTILATION
(OPTIONAL AT MULTIPLE BLDG SETS) "VENT OPENING ABOVE CONT. SILL AND BLOCK PLATE"

VENT "C" (ENDWALL): 3'-0" x 4 1/2 " = 1.125 S.F. VENTILATION
(OPTIONAL AT MULTIPLE BLDG SETS) "VENT OPENING ABOVE CONT. SILL AND BLOCK PLATES"

NAILING SCHEDULE

BUILDING SIZE	(2) 16d BOX NAILS PLATE TO PLATE ATTACHMENT BELOW UPPER MOST PLATE
24' x 40'	5" OC AT ENDWALL - 1 / F-0.50 12" OC AT SIDEWALL - 2 / F-0.50 12" OC AT SEPARATION - 4 / F-0.50

VENTING SCHEDULE

BUILDING SIZE	BUILDING AREA	REQ. VENTING	SIDE VENTING	END VENTING	TOTAL VENTING SUPPLIED
24' x 40'	960 SF	6.4 SF (1/150)	3'-6" x 4.5" = (6) 1.3125 SF/EA (7.25 SF TOTAL)	3'-0" x 3" = (2).75 SF/EA (1.5 SF TOTAL)	6.75 SF

TIE PLATE SCHEDULE

BUILDING SIZE	SIDE WALL TIE PLATES	END WALL TIE PLATES	TOTAL NUMBER OF TIE PLATES
24' x 40'	6	6	24

ELITE MODULAR
LEASING & SALES, INC.
P.O. BOX 78447
CORONA CA 92877
PHONE: 951-422-2500
FAX: 951-943-3074

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PROJECT NAME:

SHEET TITLE:
WOOD FOUNDATION PLAN
24x40 (50 & 50+15 PSF)

REGISTERED PROFESSIONAL ENGINEER — STRUCTURAL — No. 38021 — STATE OF CALIFORNIA
REGISTERED PROFESSIONAL ENGINEER — No. C33467 — RENEW 01-31-2019 — STATE OF CALIFORNIA
DATE SIGNED NOV 08 2017
LICENSE EXPIRES 6-30-18

PROJECT SPECIFIC STATE AGENCY APPROVAL

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (PC) DOCUMENT CODE: 2016 CBC
MINIMUM REQUIREMENTS FOR CONSTRUCTION
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04-116392
AC FLS SS
DATE: NOV 16 2017

REVISIONS
1 2 3 4 5 6 7

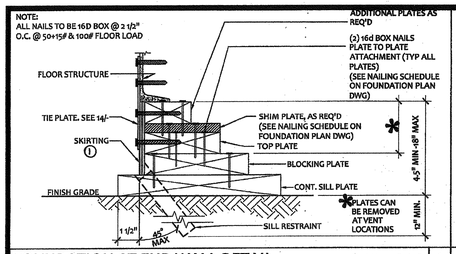
PROJECT NO:
DRAWN BY: Y.C.
SCALE: AS NOTED
DATE: APRIL 25, 2017
SHEET NUMBER
WF-04

R53-R56

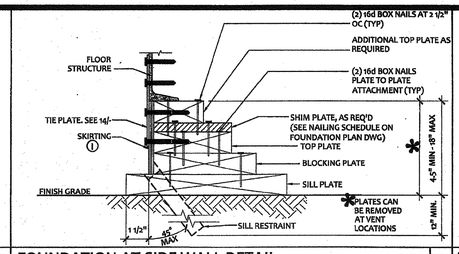
AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC / FLS / SS
DATE SEP 30 2019

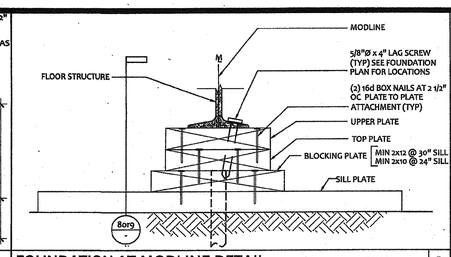
NOTE:
ALL NAILS TO BE 16D BOX @ 2 1/2"
O.C. @ 50#15# & 100# FLOOR LOAD



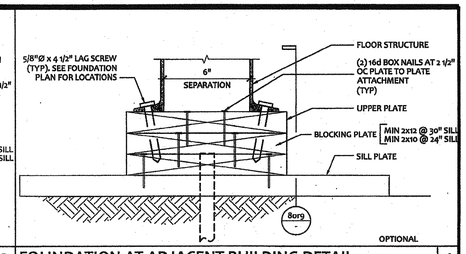
FOUNDATION AT END WALL DETAIL SCALE : 3"=1'-0" | 1



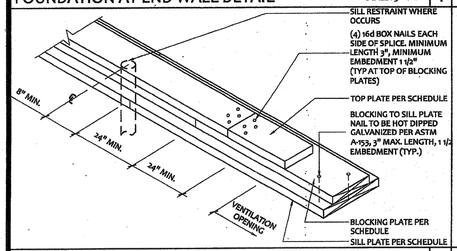
FOUNDATION AT SIDE WALL DETAIL SCALE : 3"=1'-0" | 2



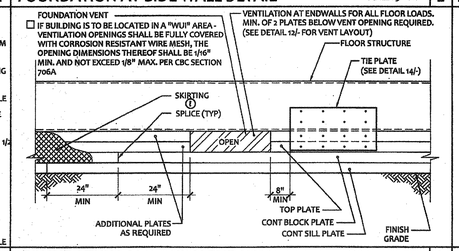
FOUNDATION AT MODLINE DETAIL SCALE : 3"=1'-0" | 3



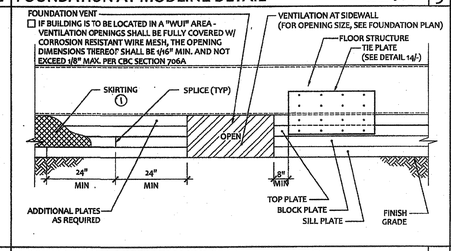
FOUNDATION AT ADJACENT BUILDING DETAIL SCALE : 3"=1'-0" | 4



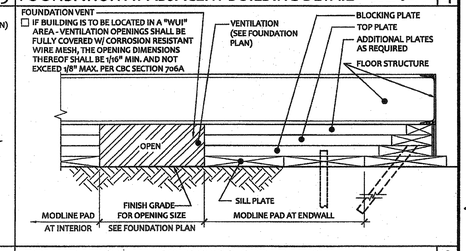
FOUNDATION SPLICE DETAIL SCALE : NTS | 5



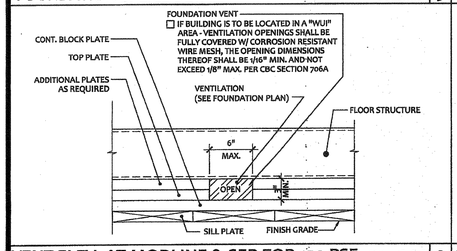
FOUNDATION ASSEMBLY END WALL ELEVATION SCALE : 1 1/2"=1'-0" | 6



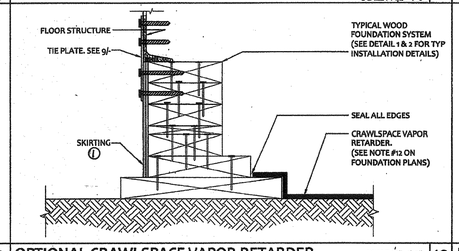
FOUNDATION ASSEMBLY SIDEWALL ELEVATION SCALE : 1 1/2"=1'-0" | 7



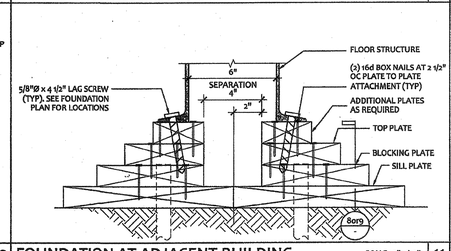
FOUNDATION AT MODLINE & SEPARATION SCALE : 1 1/2"=1'-0" | 8



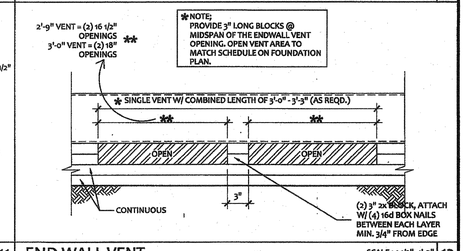
VENT ELEV. AT MODLINE & SEP FOR 150 PSF SCALE : 3"=1'-0" | 9



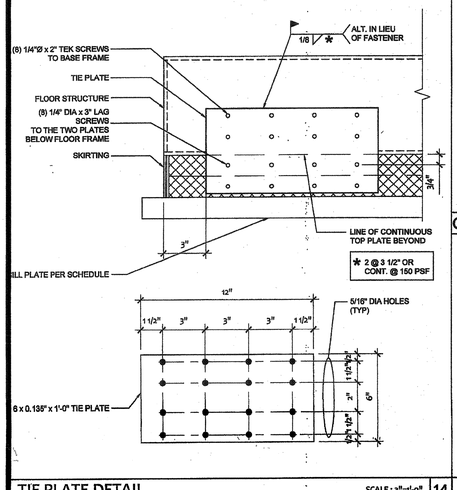
OPTIONAL CRAWLSPACE VAPOR RETARDER SCALE : 3"=1'-0" | 10



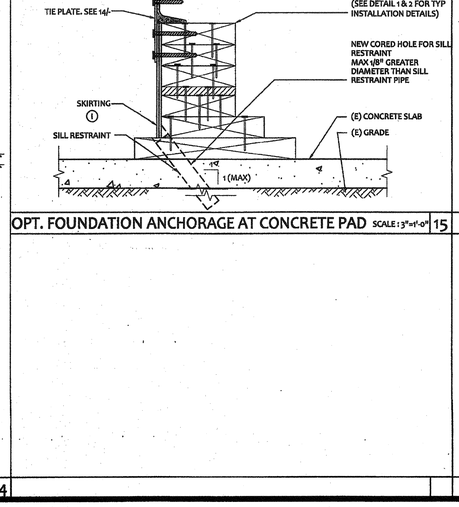
FOUNDATION AT ADJACENT BUILDING SCALE : 3"=1'-0" | 11



END WALL VENT SCALE : 1 1/2"=1'-0" | 12



TIE PLATE DETAIL SCALE : 3"=1'-0" | 14



OPT. FOUNDATION ANCHORAGE AT CONCRETE PAD SCALE : 3"=1'-0" | 15

① FOR W.U.I. COMPLIANCE - PROVIDE NON-COMBUSTIBLE SKIRTING MATERIAL PER ICC-ES ESR-4856

ELITE MODULAR
LEASING & SALES, INC.
P.O. BOX 78447
CORONA CA 92877
PHONE: 951-422-2500
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PROJECT NAME:

SHEET TITLE:
FOUNDATION DETAILS
WOOD

REGISTERED PROFESSIONAL ENGINEER
BRIAN T. MCCARTHY
No. 36084
STRUCTURAL
STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-18
SIGNATURE OF RECORD
EXPIRATION DATE
DATE SIGNED
NOV 08 2017

PROJECT SPECIFIC STATE AGENCY APPROVAL

ORIGINAL PC STATE AGENCY APPROVAL

PRECHECK (PC) DOCUMENT CONFORMS CBC
& DSA/SS POLICY INTERPRETATION FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04-116392
AC FLS SS
DATE NOV 1 1 2017

LICENSED ARCHITECT
ROBERT F. PETERSON
No. C-33867
REN: 01-31-2019
STATE OF CALIFORNIA

REVISIONS

PROJECT NO:	
DRAWN BY: Y.C.	
SCALE:	AS NOTED
DATE: APRIL 25, 2017	

SHEET NUMBER
WFD-01

R53-R56

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC. / FLS. / SS. 91
DATE SEP 30 2019

36' X 40' RELOCATABLE BUILDING

FOR

#1460
KERN CO. ECONOMIC OPPORTUNITY CORP.

SHEET INDEX

0 - COVER SHEET
1.0 - FLOOR PLAN, INTERIOR ELEVATIONS, ROOF PLAN
1.1 - EXTERIOR ELEVATIONS
2.0 - STRUCTURAL FRAMING
2.1 - TYPICAL DETAILS
2.2 - TYPICAL DETAILS
2.3 - WALL FRAMING
3.0 - WOOD FOUNDATION
4.0 - ELECTRICAL AND LIGHTING PLAN
5.0 - REFLECTED CEILING PLAN
6.0 - GENERAL NOTES AND SPECIFICATIONS
M-1 - AIR CONDITIONING PLAN
R-1 - RAMP PLAN
R-2 - RAMP DETAILS
P-1 PLUMBING PLAN

STRUCTURAL TESTS AND INSPECTIONS

TESTING ABORATORY _____ DATE _____
JOB NAME _____
DISTRICT _____
DIVISION, FILE NO. _____ APPLICATION NO. _____
ARCHITECT _____
STRUCTURAL ENGINEER _____

The following tests and inspections are required by the approved construction documents and by the applicable building code.

	CON CRETE	GUNITE	GROUT	MORTAR	
REINFORCING STEEL:					Test of welded splices
Sample and test bar mark					Submit certificate of compliance for welder's identification
Sample and test mark					Mix design
Inspect welding of splices					Core tests
STRUCTURAL STEEL:					Cylinder tests
Sample and test bar mark					Petrographic analysis
Shop fabrication inspection					Samples delivered to laboratory
Field erection inspection					Deliver certificate of compliance to owner
Inspection of welds - Shop					Submit mill test report to owner
Inspection of welds - Field					Inspect placing
Inspection of welding - Shop					Sprinkling
Inspection of welding - Field					Curing
Sample and test high strength bolts and washers					Maximum temperature
BRICK AND BLOCK:					Slump
Sample and test					Air entrainment
Test units					Inspection of placing
Inspection of placing					Cold weather protection
Core drill concrete					Mix design
GLUED LAMINATED STRUCTURAL LUMBER:					Test units
Fabrication inspection					Inspection of placing
Sample and test glue and wood					Cold weather protection
Inspect fabrication of cold- or pre-curving					Mix design

SUITABILITY TESTS	CONCRETE MATERIALS	GUNITE	MORTAR	GROUT
Sodium sulphate				
Structural strength				
Los Angeles rattler				
Calif. disintegration method				
Reactivity tests				
Volume change				

Mix DESIGNS CONCRETE GROUT, MORTAR OR GUNITE

MATERIAL	MAXIMUM SIZE	COMPRESSIVE STRENGTH vs. MINIMUM

C 12 x 20.7
C 7 x 9.8
9 1/4 x 2 1/4 x 1/4
TWO 3" x 2 1/2" SIZGA OR 2 7x11GA, AS ALT
C 12 x 11.9
15 4" x 4" x 1/4"

List of structural steel members to be tested

File this list continued on reverse Yes No

Other Tests and Inspections, together with special instructions:
GENERAL IN-PLANT INSPECTOR
STRUCTURE GROUNDING TEST

Copies of Reports to:

Date these instructions continued on reverse Yes No

By Robert M. Silva
Registered Deputy Inspector

OSA 55

SYMBOLS

TYPE	SYMBOL	MEANING
DETAIL	1	DETAIL NUMBER (1) ON SAME SHEET AS SYMBOL
DETAIL	1/2	DETAIL NUMBER (1) ON SHEET NO. (2)
DETAIL	DET 5.2	DETAIL NUMBER (5) ON SHEET NO. 2
NOTE	1	NOTE NUMBER (1) ON SAME SHEET AS SYMBOL
NOTE	4/5	NOTE NUMBER (4) ON SHEET NUMBER (5)
NOTE	NOTE 4.3	NOTE NUMBER (4) ON SHEET NUMBER (3)
PANEL	◇	PANEL TYPE SEE SH. 2.4 FOR FRAMING
SECTION	A/2	SECTION (A) ON SHEET (2)

BUILDING DATA

OCCUPANCY		F-2
TYPE OF CONSTRUCTION		V-N
WIND LOAD		70 MPH WIND EXPOSURE "C"
FLOOR LIVE LOAD		70 lb/sq. ft.
ROOF LIVE LOAD		20 lb/sq. ft.
BUILDING AREA		1440 S.F.
U.B.C. 1988	1988 U.P.C.	FIRE MARSHAL STRUCTURAL PART 2 1988 AMENDMENTS
U.B.C. 1988 TITLE 25 24 C.C.R. 1988 Ed.	1997 N.E.C.	
SYSTEM MODULES		MOMENT RESISTANT TWO (2) 12' x 40' MODULES

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
SEP 5 1991
Structural Safety Section
Appl. # A-15-75-0-7
Rechecked By EDMA

APPROVED
FIRE AND PANIC ONLY
SEP 5 1991
STATE FIRE MARSHAL
SOUTHERN REGION

A WAIVER OF DURABILITY WILL BE REQUIRED, SIGNED BY THE OWNER, BY THE STATE ARCHITECT DISTRICT FOR EACH APPLICATION NUMBER SUBMITTED ON THIS PROJECT.
STATE OF CALIFORNIA
DEPARTMENT OF GENERAL SERVICES
DIVISION OF THE STATE ARCHITECT
APPROVED AS TO DURABILITY
SEP 05 91

Structural calculations have been prepared for this project by a registered engineer and are on file with the Division of the State Architect

Division of the State Architect

FIRE MARSHAL

REVIEWED
DIVISION OF THE STATE ARCHITECT
Mo Chtcha
No. C-17258
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

MODTECH, INC.
195 EAST MORGAN STREET
PERRIS, CA 92370 (714) 943-4014

MODTECH

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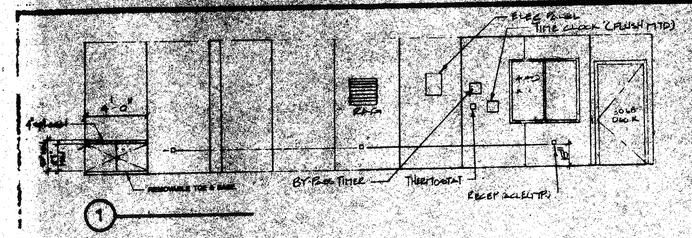
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STATE OF CALIFORNIA
DEPARTMENT OF GENERAL SERVICES
DIVISION OF THE STATE ARCHITECT

DRAWING ORDER NO.
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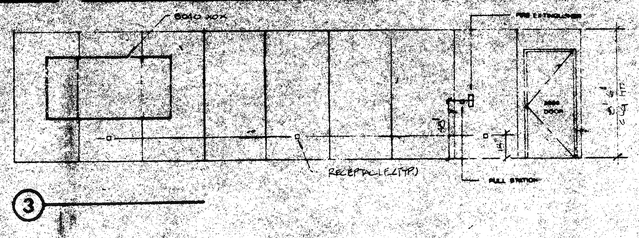
R57

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

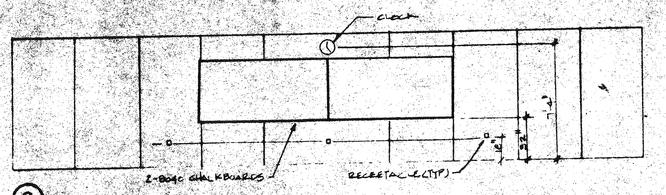
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
08-120134
AC FLS SS
DATE SEP 30 2019



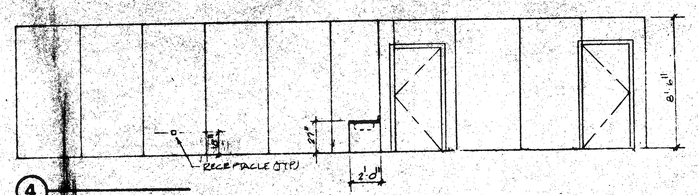
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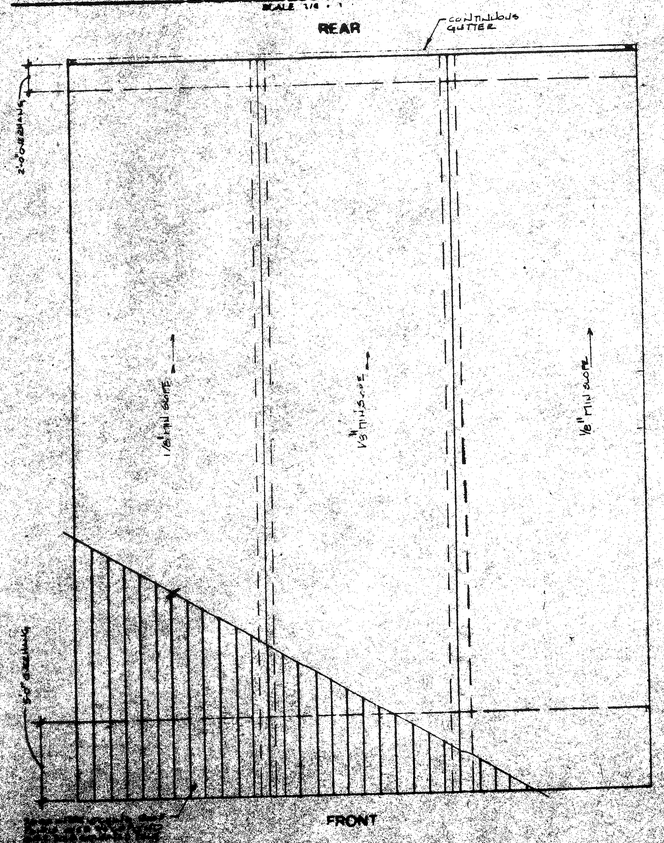
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4

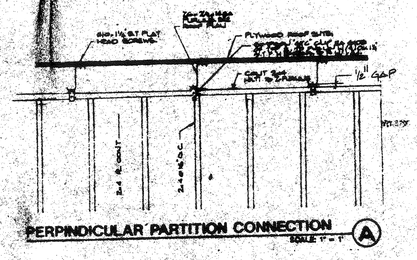
INTERIOR ELEVATIONS

SCALE 1/8" = 1'

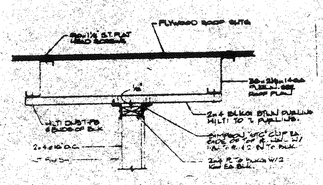


ROOF PLAN

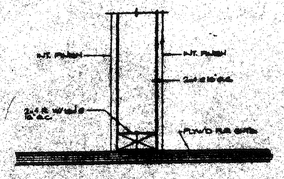
SCALE 1/4" = 1'



PERPINDICULAR PARTITION CONNECTION (A)
SCALE 1" = 1'

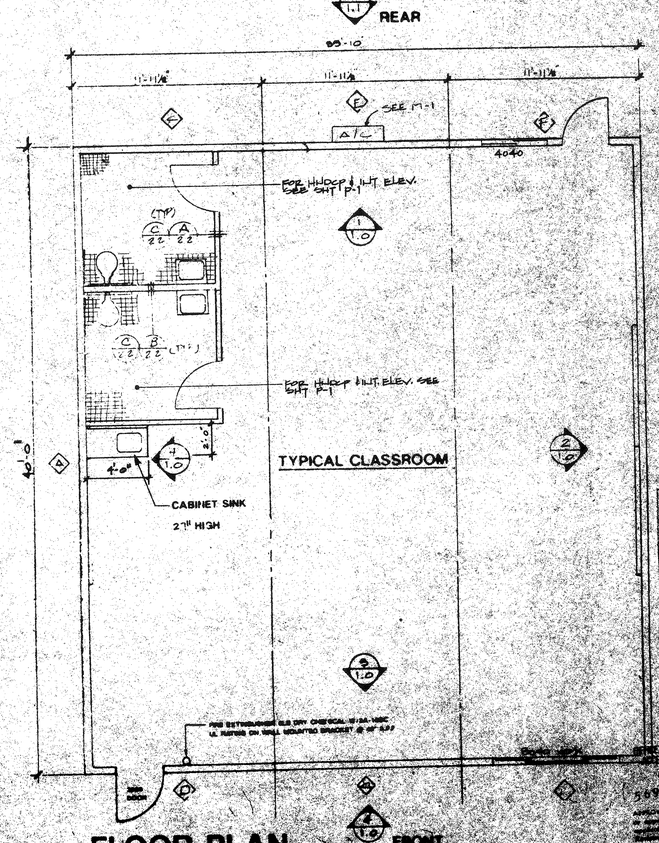


PARALLEL PARTITION CONNECTION (B)
SCALE 1-1/2" = 1'



PARTITION CONNECTION @ FLOOR (C)
SCALE 3" = 1'

1. TYPICAL INTERIOR FINISH: 1/2" VINYL COVERED TACKBOARD, FLAME SPREAD CLASS II. OVER 1/2" GYP. BD. OR 3/8" PLYWOOD. VINYL TO BE CLASS 1, BACKING TO BE CLASS 3.
2. WINDOWS: 4040 SOLID ALUMINUM SLIDER, BRONZE. GLAZING: 7/32" MIN. TEMPERED GLASS OF SOLAR GRAY WITH A LIGHT TRANSMISSION FACTOR RANGING BETWEEN 12% AND 16%. ALL OPERABLE SASH SHALL HAVE ALUMINUM SCREENS. SEE FT-4 FOR INTERNATIONAL WINDOW CORP. SERIES 400, OR EQUAL.
3. FINISH FLOORING: CARPET PER STATE OF CALIF. SPEC. COMPLY WITH GROUP I, TYPE A OR TYPE B, CLASS A RESISTANCE 4000. DIRECT GLUE-DOWN WITH 4½" TOPSET BASE.
4. METAL TAG ON ALL MODULES, MECHANICALLY ATTACHED TO REAR EXTERIOR OF BUILDING, SHOW O.S.A. APPLICATION NUMBER, MANUFACTURER'S NAME AND SERIAL NUMBER.
5. PAINT COLORS:
   EXTERIOR BODY -
   EXTERIOR TRIM -
6. RESTROOM FLOOR COVERING: SHEET VINYL



FLOOR PLAN

SCALE 1/4" = 1'

O.S.A.

A.C.S.

FIRE MARSHAL

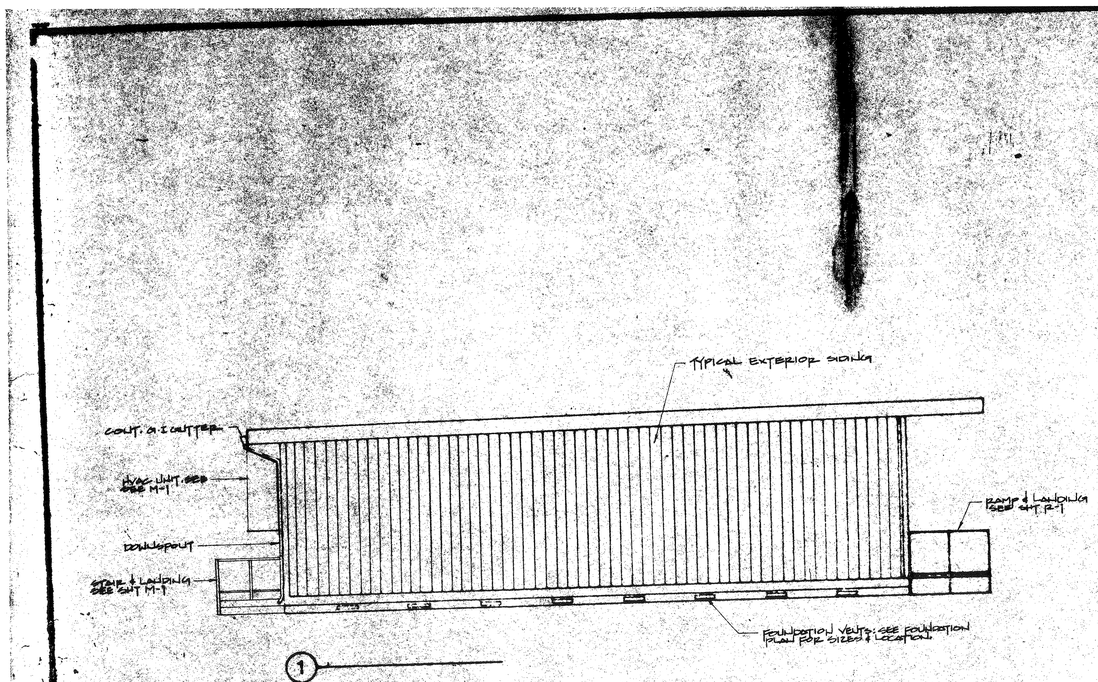
MODTECH, INC.
195 EAST MORGAN STREET
PERRIS, CALIFORNIA 92571

T.O

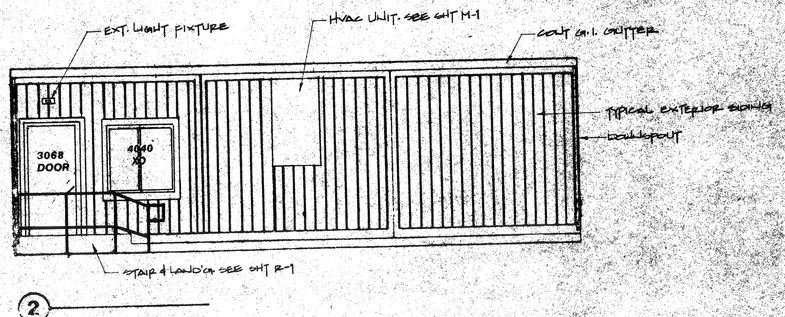
RS7

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

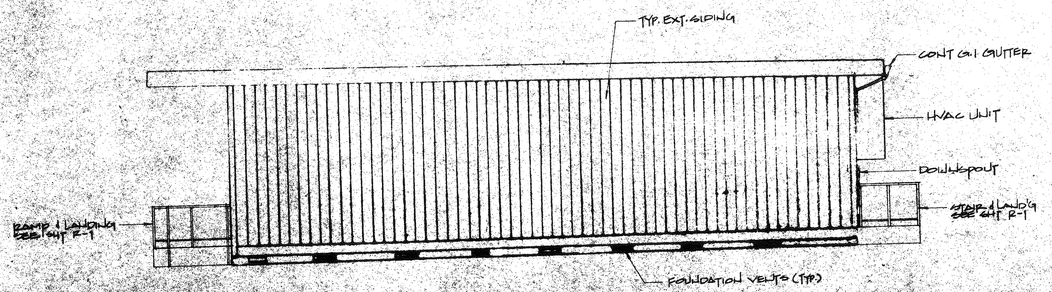
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
08-120134
AC FLS SS
DATE SEP 30 2019



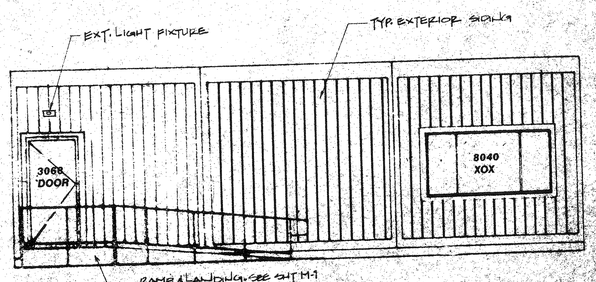
1



2



3



4

EXTERIOR ELEVATIONS

SCALE: 1/4" = 1'-0"

MODTECH, INC.
196 EAST MONUMENT ST.
PERRIS, CA. 92570 (951) 657-2121

IDENTIFICATION STAMP
Department of General Services
Division of the State Architect
SEP 5 1991
Appl. # 5 5 6 7 6 0
Stamped and Signed By

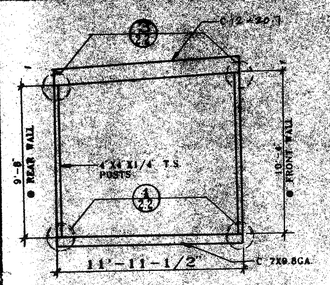
APPROVED
FIRE AND PANIC ONLY
STATE FIRE MARSHAL
SOUTHERN DIVISION

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
APPROVED AS NOTED BY
DATE SEP 5 91

R57

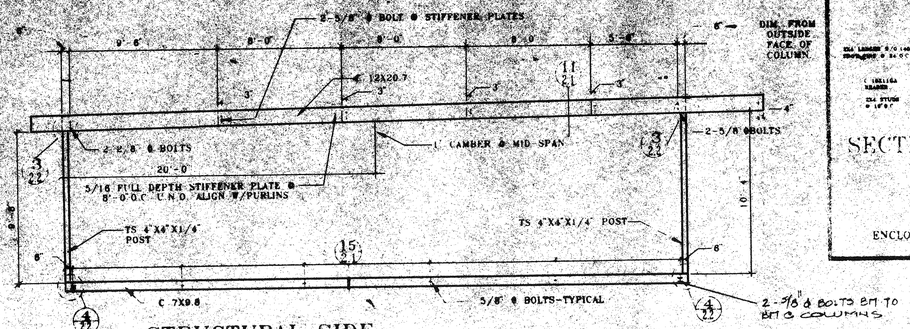
AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019



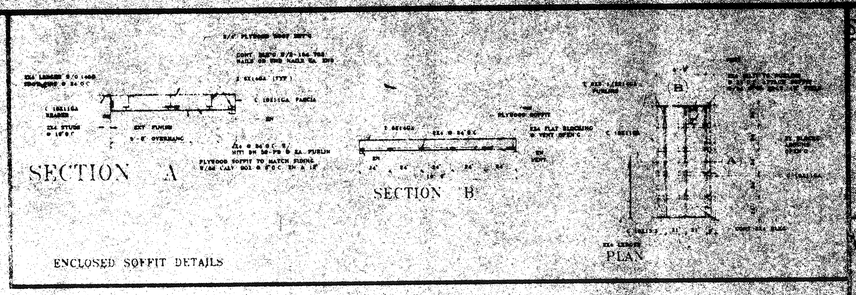
STRUCTURAL END

SCALE : 1/4" = 1'-0"

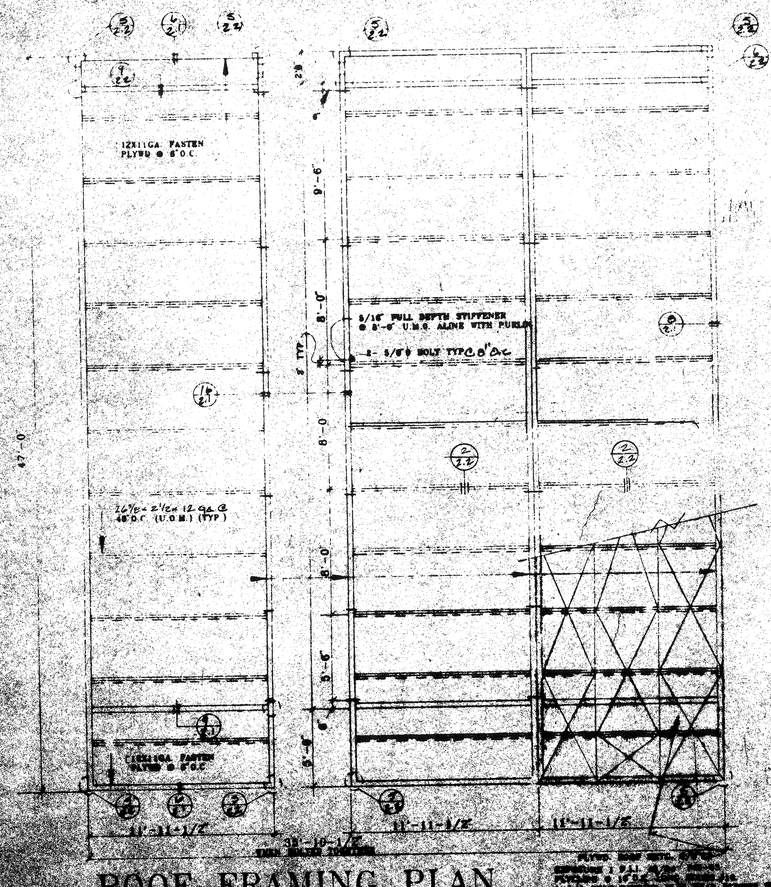


STRUCTURAL SIDE

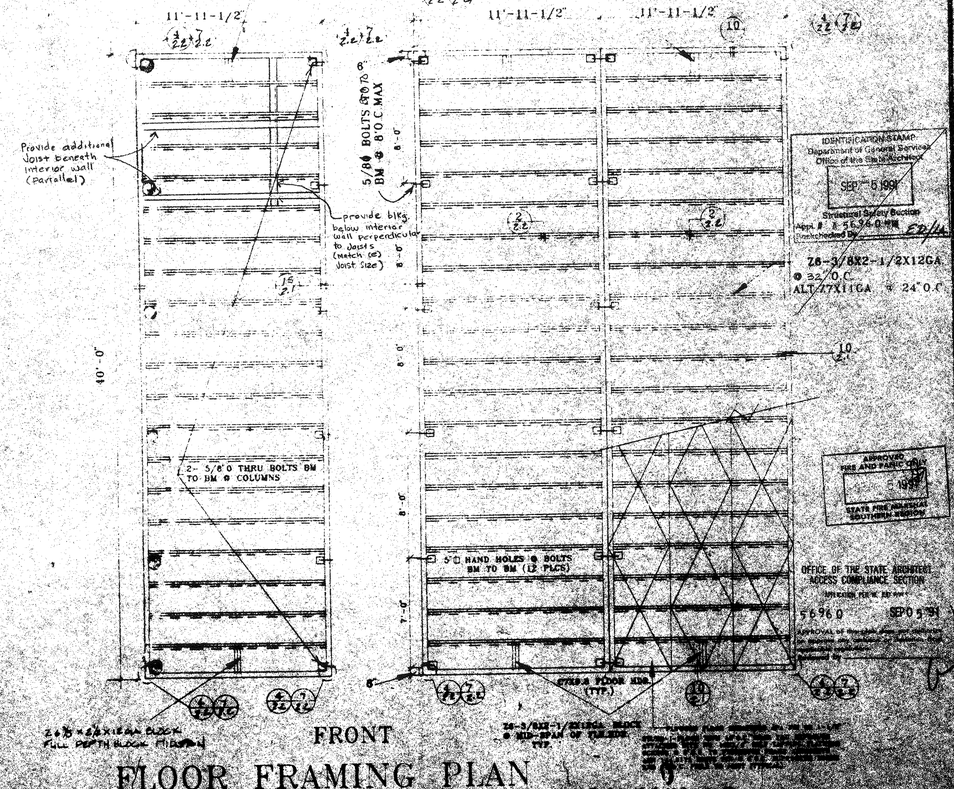
SCALE : 1/4" = 1'-0"



ENCLOSED SOFFIT DETAILS



ROOF FRAMING PLAN



FLOOR FRAMING PLAN

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
SEP 5 1991
Structural Safety Section
Approved Per S.S.O. 91-NR
Date 9/5/91

Z8-3/8X2-1/2X12GA @ 32" O.C. ALT 7"X11GA @ 24" O.C.

APPROVED FIRE AND PANIC PROOF
SEP 5 1991
STATE FIRE MARSHAL SOUTHERN REGION

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
APPROVED PER R.C. 89-xxx
5696.0 SEP 05 '91
As shown on drawings or plans dated
Approved by

STRUCTURAL SAFETY

ACCESS COMPLIANCE

FIRE MARSHAL

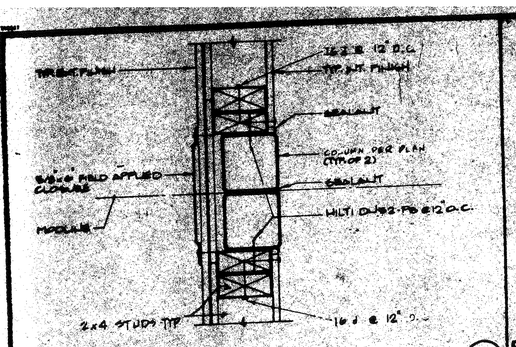
MODTECH, INC.
611 EAST MORGAN STREET
PHONE (714) 992-3126 (FAX) 843-4014

2.0

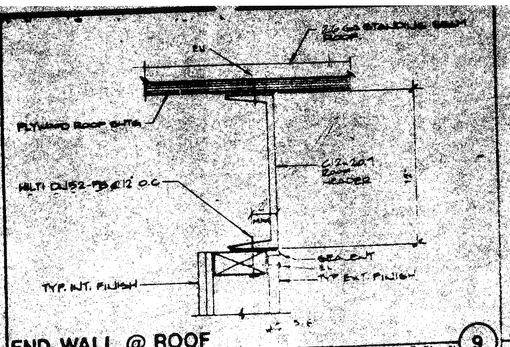
R57

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

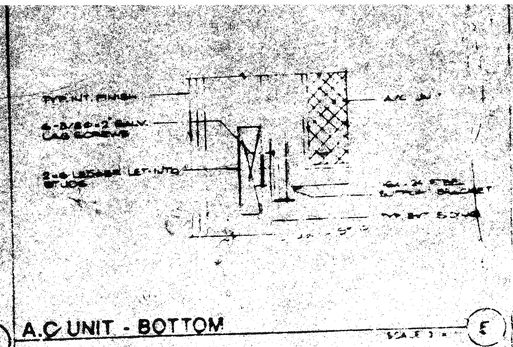
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019



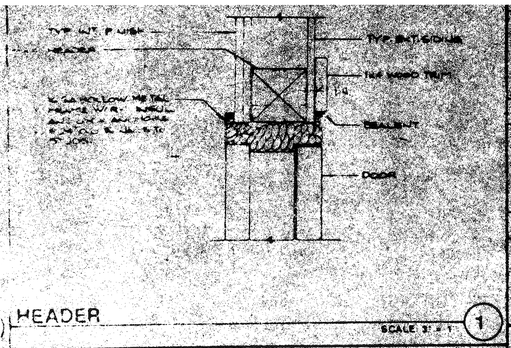
COLUMNS @ MODLINE — SCALE 3" = 1' — 13



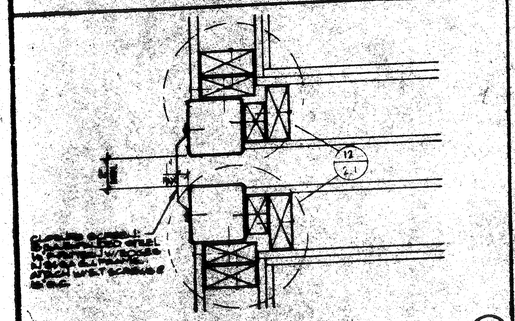
END WALL @ ROOF — SCALE 3" = 1' — 9



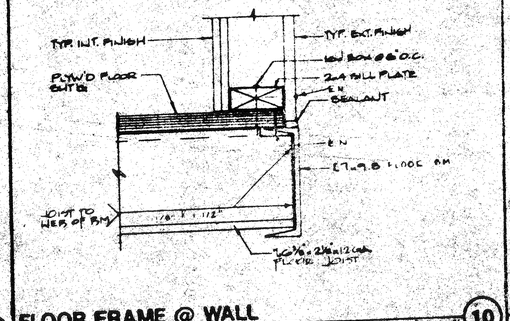
A.C UNIT - BOTTOM — SCALE 3" = 1' — 5



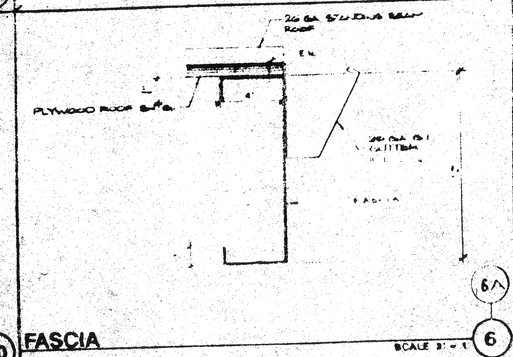
HEADER — SCALE 3" = 1' — 1



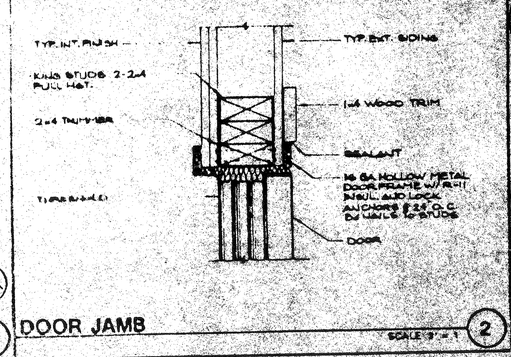
CLOSURE BETWEEN BLDGS — SCALE 3" = 1' — 14



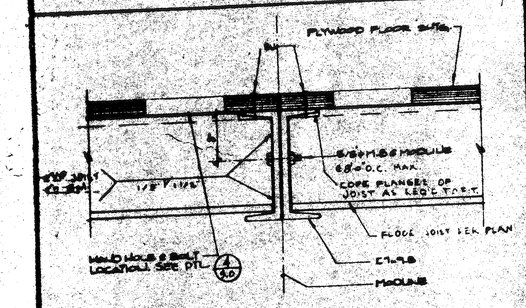
FLOOR FRAME @ WALL — SCALE 3" = 1' — 10



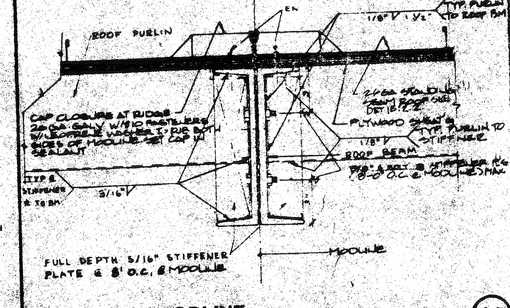
FASCIA — SCALE 3" = 1' — 6



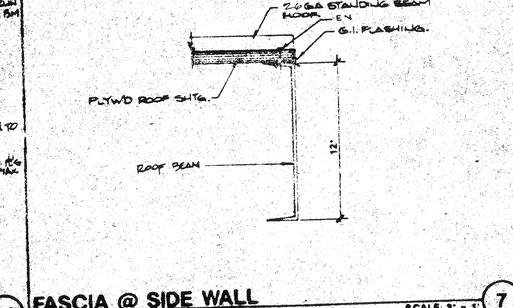
DOOR JAMB — SCALE 3" = 1' — 2



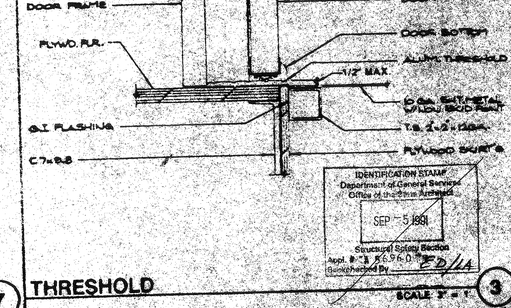
MODULE JOINT @ FLOOR — SCALE 3" = 1' — 15



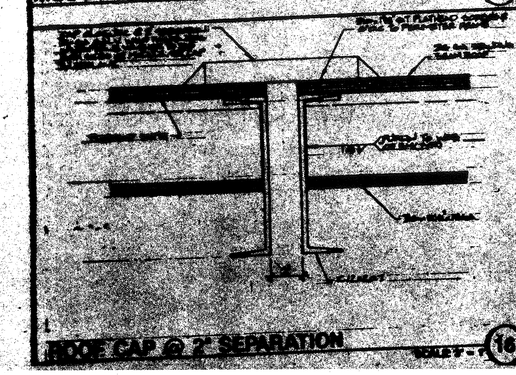
ROOFING @ MODLINE — SCALE 3" = 1' — 11



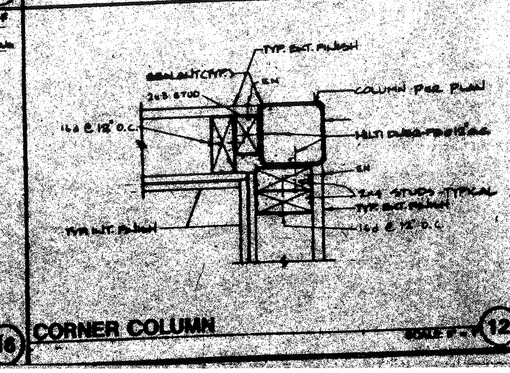
FASCIA @ SIDE WALL — SCALE 3" = 1' — 7



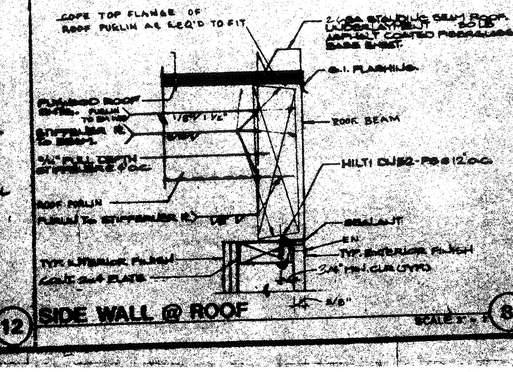
THRESHOLD — SCALE 3" = 1' — 3



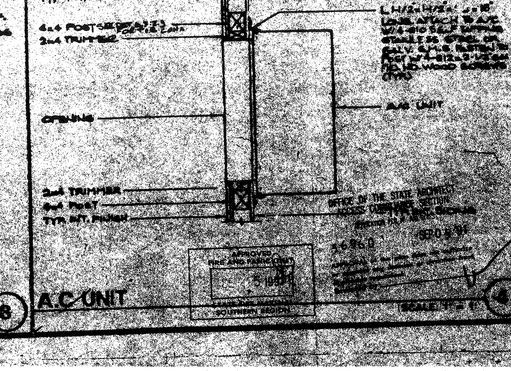
ROOF CAP @ 2" SEPARATION — SCALE 3" = 1' — 16



CORNER COLUMN — SCALE 3" = 1' — 12



SIDE WALL @ ROOF — SCALE 3" = 1' — 8



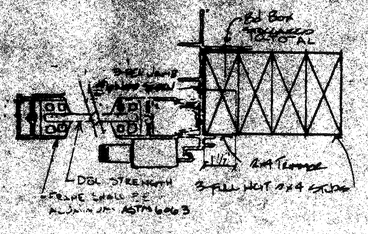
A.C UNIT — SCALE 1" = 1' — 4

MODTECH, INC.
[illegible] EAST [illegible] STREET
[illegible], [illegible] 92832-2014
PH: (714) 523-[illegible] FAX: (714) 903-4014

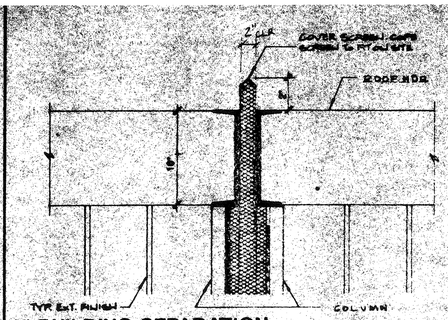
R57

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FILE NO. 15-6

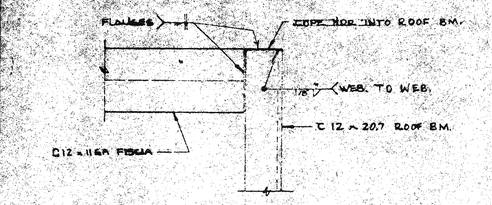
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
08-120134
AC FLS SS
DATE SEP 30 2019



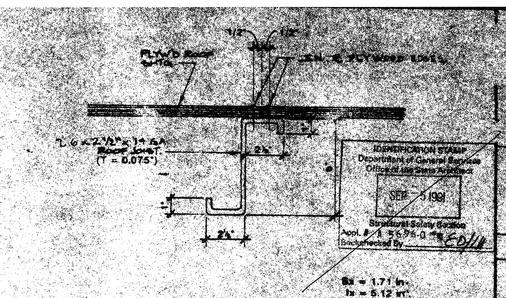
13



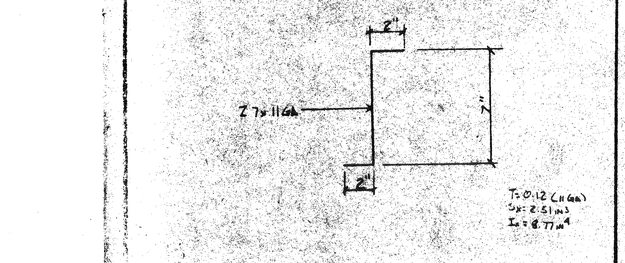
2" BUILDING SEPARATION
SCALE: 1-1/2" = 1'
9



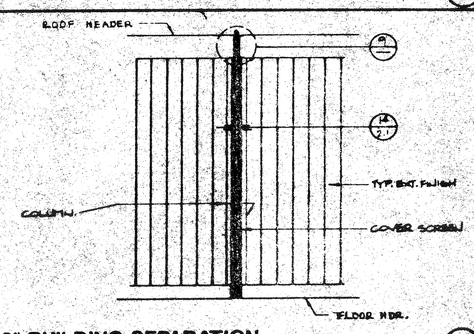
PLAN @ ROOF OVERHANG
SCALE: 3" = 1'
5



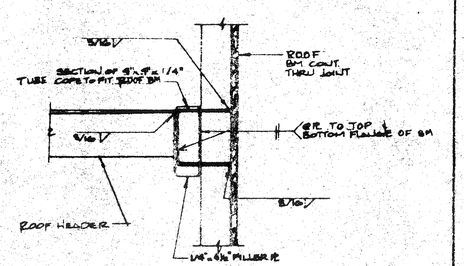
ROOF JOIST
SCALE: 3" = 1'
1



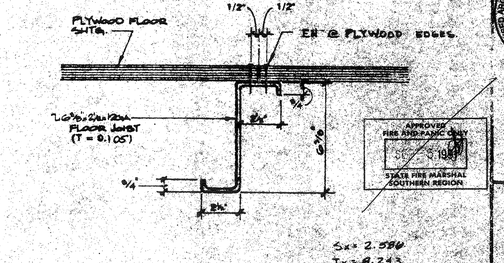
ALTERNATE FLOOR JOIST
3"=1'
14



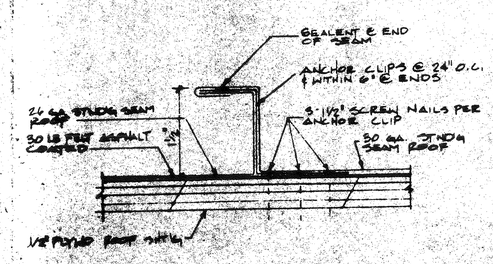
2" BUILDING SEPARATION
SCALE: 3/8" = 1'
10



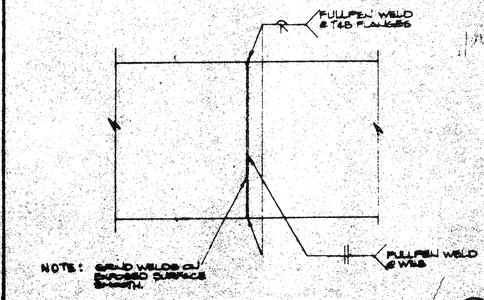
STIFFENER SECTION @ ROOF
SCALE: 3" = 1'
6



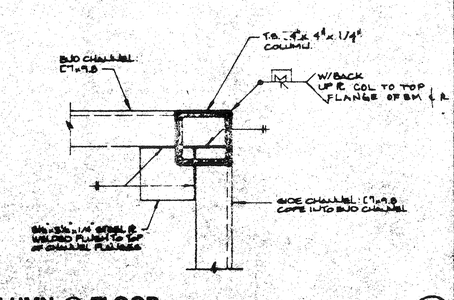
FLOOR JOIST AND ROOF JOIST
SCALE: 3" = 1'
2



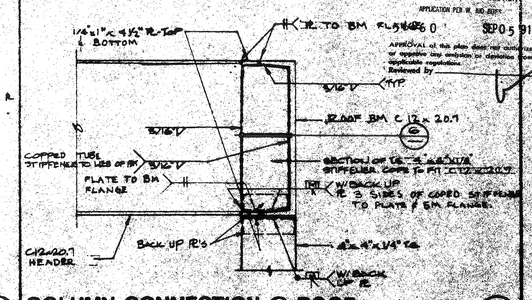
ROOF SEAM
FULL
15



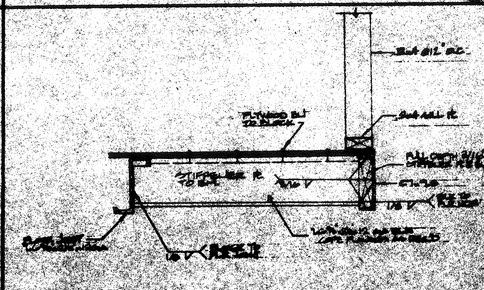
TYPICAL SPLICE
SCALE: 3" = 1'
11



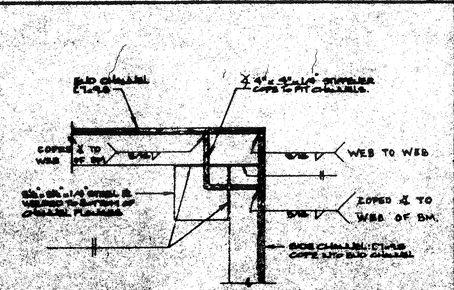
COLUMN @ FLOOR
SCALE: 3" = 1'
7



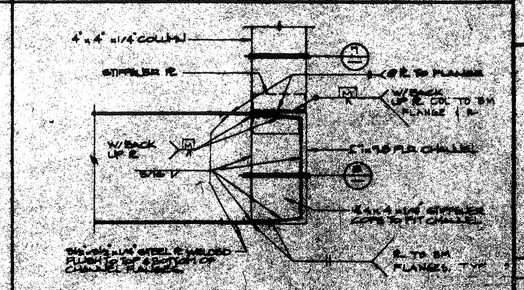
COLUMN CONNECTION @ ROOF
SCALE: 3" = 1'
3



Z-BLOCK @ MIDSPAN
SCALE: 1-1/2" = 1'
12



STIFFENER SECTION @ FLOOR
SCALE: 3" = 1'
8



COLUMN CONNECTION @ FLOOR
SCALE: 3" = 1'
4

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
APPLICATION PER R. AND ACC.
APPROVAL of this plan does not construe or approve any violation or variation of applicable regulations.
Reviewed by

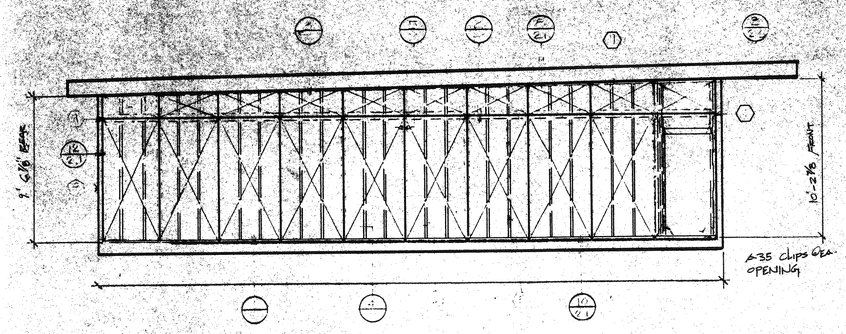
MODTECH, INC.
185 EAST MORGAN STREET
PERRIS, CA. 92570 (714) 940-0600

BINDING ORDER #
2.2

R57

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

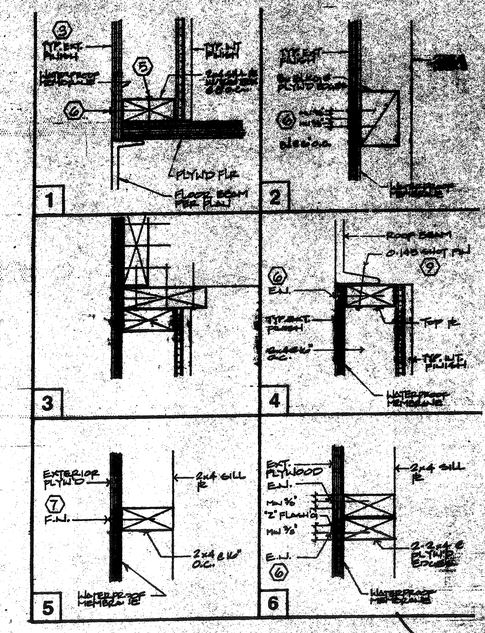
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019

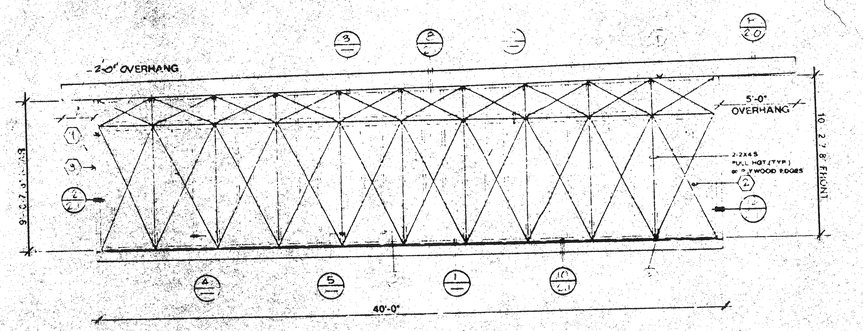


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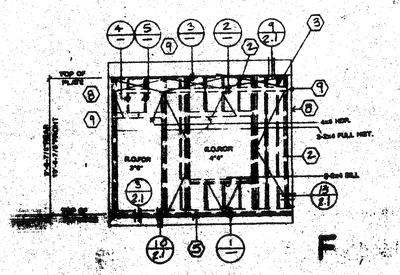
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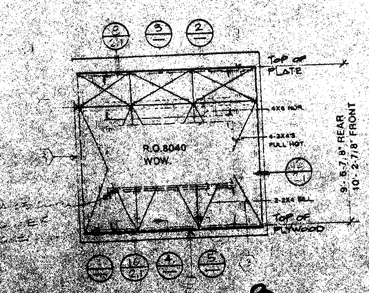
1. ALL EXTERIOR NAILS TO BE GALVANIZED BOX.
2. 2X4 STUDS: DOUGLAS FIR #2 OR BETTER @ 16" O.C. (TYP.)
3. EXTERIOR PLYWOOD SIDING + SHEATHING NAIL WITH GALV. BOX NAILS @ 6" O.C. EDGES, 8d @ 12" O.C. IN FIELD.
5. 16¢ BOX NAILS @ " O.C.
6. 8d @ 6" O.C.
7. 8d @ 12" O.C.
8. TS 4"x4"x¼" @
9. HILTI DN 52-P8 AT 16" O.C.



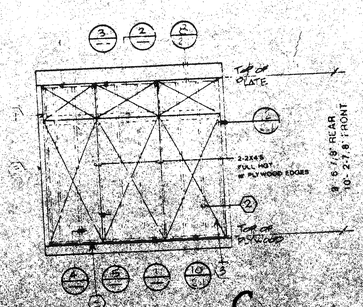


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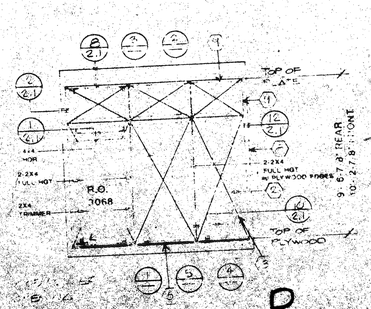




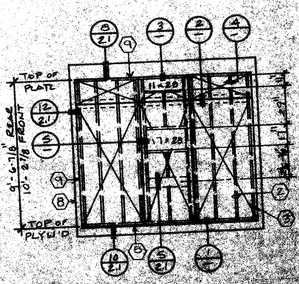
B



C



D
D'



E

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
SEP - 5 1991
Log # 15-6 Sht. # 23 (1)
Approved for Code Compliance

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
approved for code compliance
62960 RP04-91

STATE OF CALIFORNIA
DEPARTMENT OF GENERAL SERVICES
OFFICE OF THE STATE ARCHITECT
1400 TENTH STREET
SACRAMENTO, CALIFORNIA 95814

LICENSED ARCHITECT
CLAIRE E. MARTELL
No. C-10024
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

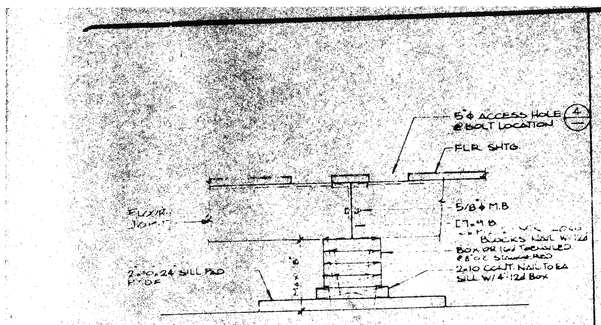
MODTECH
PREFABRICATED STEEL BUILDINGS
MODTECH CORPORATION
1551 EAST 33RD STREET
LOS ANGELES, CALIFORNIA 90011

BUILDING NO. 23

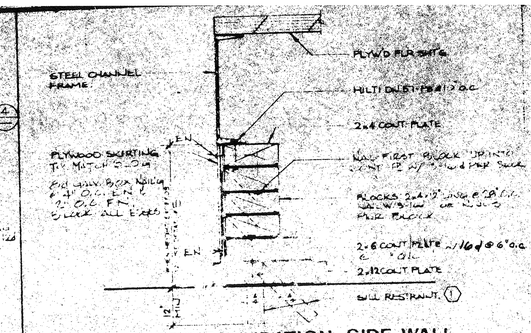
R57

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

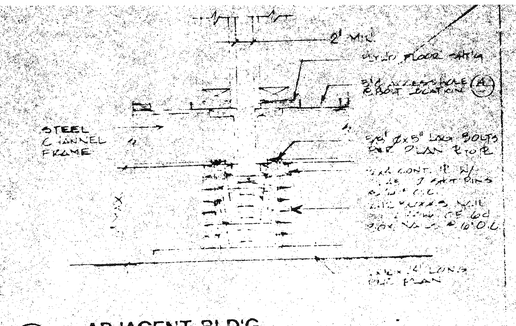
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC. FLS. SS. 91
DATE SEP 30 2019



6 PAD FOUNDATION
1" = 1'-0"

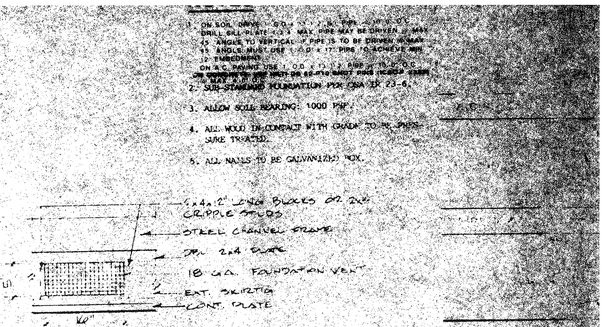


2 PERIMETER FOUNDATION SIDE WALL
3" = 1'-0"

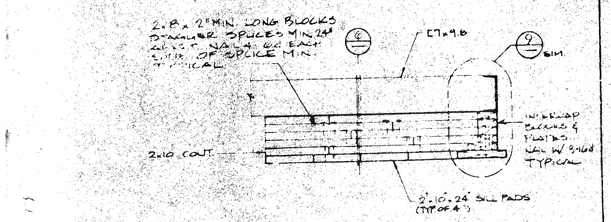


1 ADJACENT BLD'G
1/2" = 1'-0"

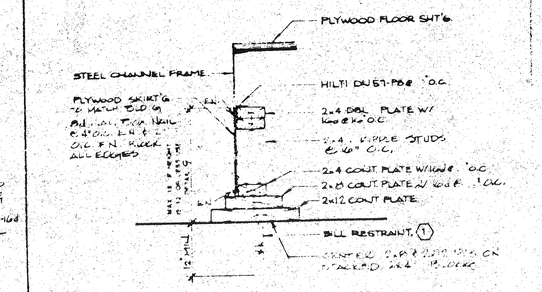
AS REQUIRED TO ACHIEVE THE REQUIRED 9.65Q FT OF VENTILATION LOCATION OF VENTS SHOWN ON PLAN MAY NOT BE ACCURATE DUE TO SITE CONDITIONS (IE SLOPE, ADJACENT BLDGS ETC.)



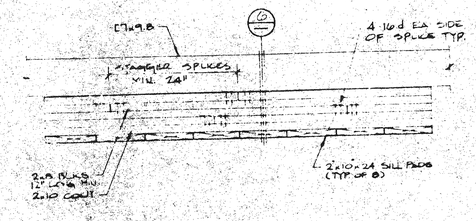
A FOUNDATION VENT
1" = 1'-0"



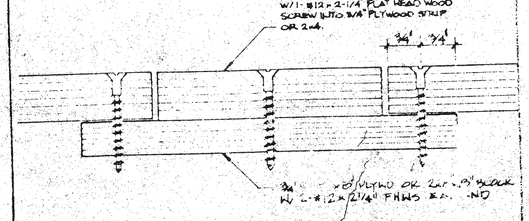
7 PAD FOUNDATION
1" = 1'-0"



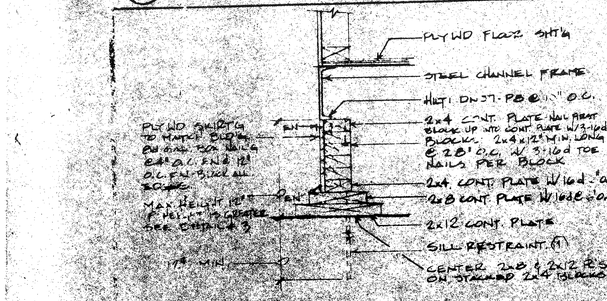
3 PERIMETER FOUNDATION END WALL
1-1/2" = 1'-0"



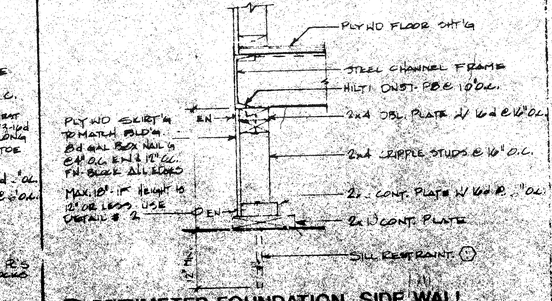
8 PAD FOUNDATION
1" = 1'-0"



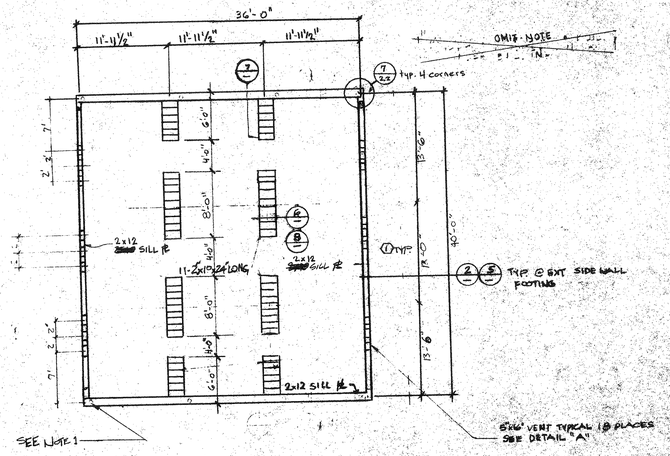
4 FILLER AT ACCESS HOLE
N.T.S.



9 PERIMETER FOUNDATION END WALL
1" = 1'-0"



5 PERIMETER FOUNDATION SIDE WALL
1" = 1'-0"



FOUNDATION PLAN - WOOD SILL
SCALE: 1/8"=1'-0"

APPROVED
FIRE AND PANIC ONLY
SEP 5 1991
STATE FIRE MARSHAL
SOUTHERN REGION

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
SEP. 5 1991
Structural Safety Section
Log # 25360 #6
Date Approved E3/11

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
approved as noted on plans
SEP 05 '91
56960
Approval of the plans does not imply approval of omissions or deviations from applicable regulations

KERN COUNTY BUILDING DEPARTMENT
APPROVED FOR CONSTRUCTION
DATE 9-5-91

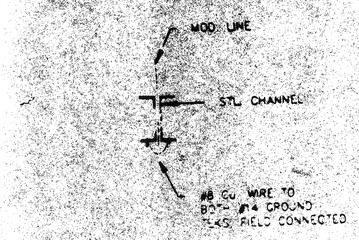
REGISTERED ARCHITECT
JAMES H. MARTELL
No. C-10598
STATE OF CALIFORNIA

3.0

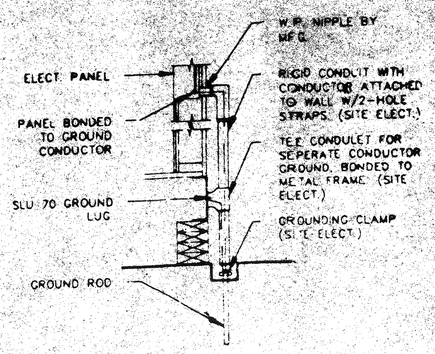
R57

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC 1 FLS / SS
DATE SEP 30 2019



JUMPER @ MOD. LINE



TYPICAL GROUNDING DETAIL

SYMBOLS LIST

- 2 / 4 — 4 - TUBE FLUORESCENT LIGHT FIXTURE -SEE SPECS
- INCANDESCENT BRACKET LIGHT FIXTURE -SEE SPECS
- DUPLEX WALL RECEPTACLE, 15-A 125-v 3-WIRE GROUNDING TYPE (+18")
- SWITCH SINGLE POLE ● (+48")
- FIRE ALARM PULL STATION -SEE SPECS (+48")
- FIRE ALARM HORN -SEE SPECS (+8'-0")
- FUSED DISCONNECT SWITCH RAINTIGHT
- T — THERMOSTATE (LOCKED AUTOMATIC) -SEE SPECS (+48")
- 6 HR. INTERVAL 8'-PASS TIMER.
- CLOCK (7'-0")
- TIME CLOCK (FLUSH MTD)
- NIGHT #616
- W — WARNING LIGHTS (+7'-0")

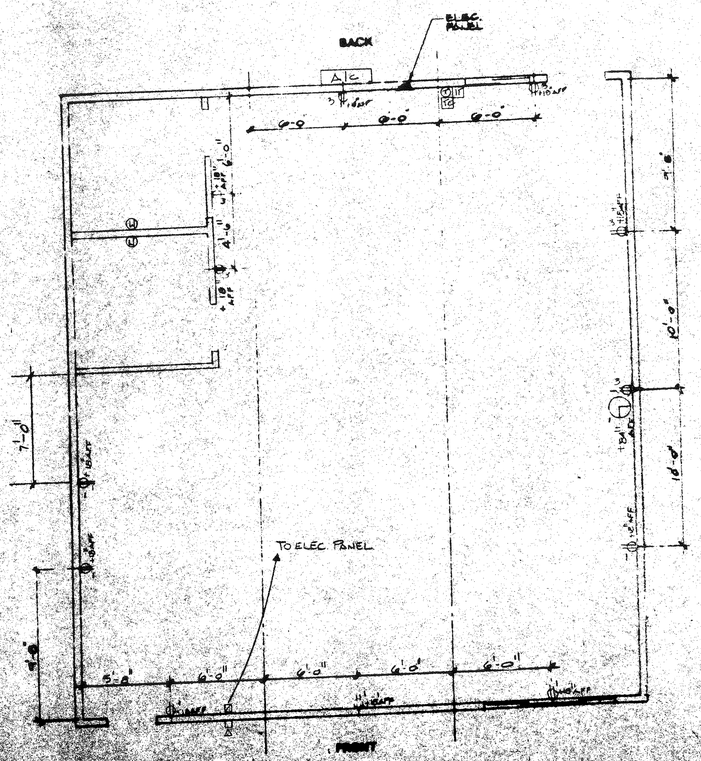
NOTES

1. EACH BUILDING SHALL BE SEPARATELY GROUNDED WITH A 3/4" RD. x 8' COPPERCLAD STEEL GROUND ROD. WHERE ROCK BOTTOM IS INCOUNTERED, ROD SHALL BE DRIVEN AT AN ANGLE NOT TO EXCEED 45 DEGREE'S FROM THE VERTICAL OR SHALL BE BURIED IN A TRENCH THAT IS AT LEAST 36" DEEP. (BY SITE ELECTRICAL)
2. TESTING: TEST FOR RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS SEPERATED AT LEAST 8'-0" UNTIL RESISTANCE IS REDUCED TO 25 OHMS OR LESS. (BY SITE ELECTRICAL)
3. PROVIDE EQUIPMENT ANCHORAGE PER TITLE 24, TABLE 2-23J, PART 8.
4. APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF THIS FIRE ALARM FOR ALL SITES. THE FIRE ALARM SYSTEM AND/OR COMPONENTS MAYBE REQUIRED TO BE CHANGED DUE TO SITE LOCATION, EXISTING CONDITIONS OR INCOMPATABLE COMPONENTS.

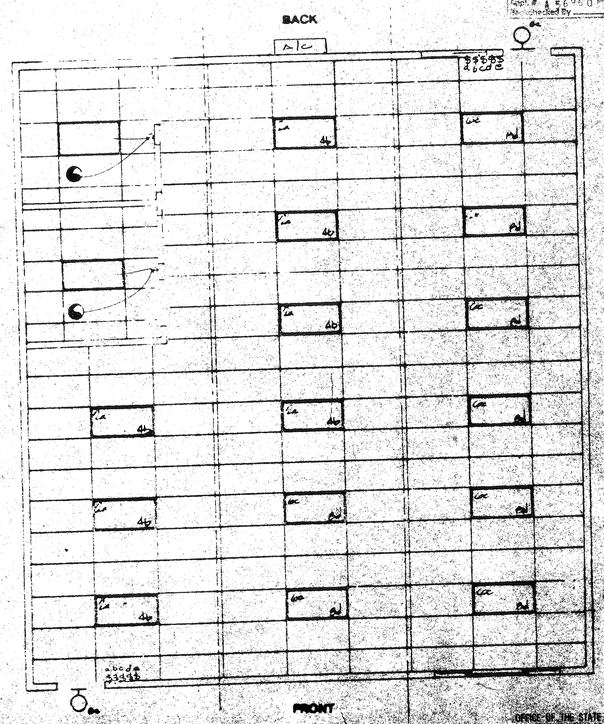
PANEL PLUSH NEMA 1 NQO — MAIN CB 100 A
VOLTAGE 120/240v — ϕ 3 WIRE 3φ — BUS SIZE 100 A

CIRC. NO.	OUTLETS LTS	OUTLETS REC.	OTHERS	VAR TABLE ϕA	ϕB	ϕC	BRC. EACH AMPERE	REMARKS
1	5		CLOCK	1100			20	
2	5			780			20	
3		6			1080		20	
4	5				780		20	
5			FIRE	180				
6	4			420			20	
7			N/C		3612		30	2
8	5				780		20	
9			A/C	3612				
10								
11								EC
12			E.V.A.C.	26				
13								
14								
15								
16								
17								
18								
19								
			TOTALS	6312/6252			12,564	52.35 A

L.C.L.= 10,404 — L.C.L. x 125% = 13,005 — OTHER = 2160 — TOTAL = 15,165 — 63.1 A



ELECTRICAL PLAN



LIGHTING PLAN

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
SEP - 5 1991
Structural Safety Section
Appl. # 1 56 95 0 PM
Reviewed By ED/LK

APPROVED
FIRE AND PANIC SAFETY
SEP 05 1991
STATE FIRE MARSHAL
SOUTHERN REGION

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
APPROVED
4696
SEP 05 '91

A.C.B.

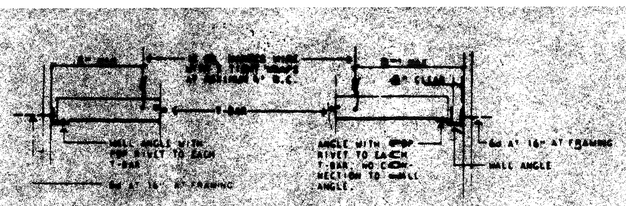
FIRE MARSHAL

MODTECH, INC.
165 EAST ALICIA STREET
REDLANDS, CA 92373 (909) 794-4400

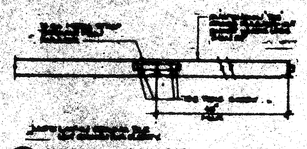
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AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

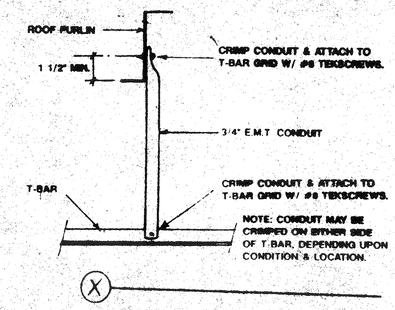
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019



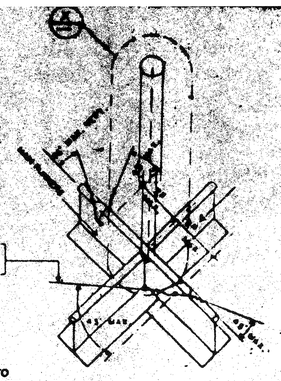
1 2



3 GRID AT MOD LINE



X



A SEISMIC SPLAY

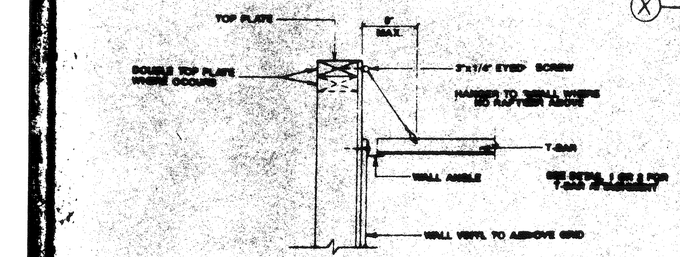
X SEISMIC SPLAY

2 X 4 LIGHT FIXTURE

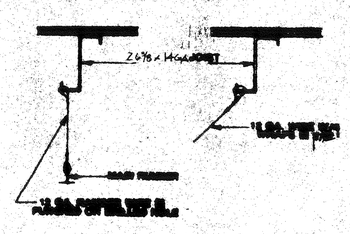
SUPPLY AIR GRILL

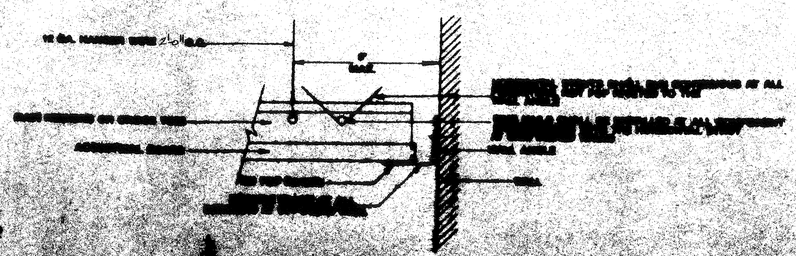
NOTES

1. MAIN RUNNERS @ 4'-0" O.C. W/ 12 GA. HANGER WIRES @ 2'-0" O.C.
2. AT THE END OF RUNS OF RUNNERS A 12 GA. HANGER WIRE SHALL BE ATTACHED WITHIN 8" OF WALL OR SOFFIT
3. VERTICAL WIRES MORE THAN 1-IN-6 OUT OF PLUMB SHALL HAVE COUNTERBRACING WIRES.
4. ELECTRICIAN SHALL PROVIDE 2-12 GA. SLACK WIRES TO HOUSING OF ALL LIGHT FIXTURES AT DIAGONAL CORNERS. WIRES SHALL BE ATTACHED TO STRUCTURE.
5. RUNNERS MAY BE ATTACHED TO WALLS OR MOLD AT 2- ADJACENT WALLS. OTHER WALLS NO ATTACHMENT. CLEARANCE OF 1/2" BETWEEN END OF RUNNER AND FACE OF WALL.
6. CEILING AREAS SHALL HAVE 2-WAY SPLAYS PER DETAIL "A", IN LOCATIONS INDICATED ON DRAWINGS. WIRES TAUT BUT NOT TO DISTORT GRID.
7. MAIN RUNNERS: CHICAGO #1870, 4' CROSS TEE: CHICAGO #1854, 2' CROSS TEE: CHICAGO #1856 WALL ANGLE: CHICAGO #1420, HEAVY DUTY SYSTEM
8. LIGHT FIXTURES: 2 X 4 RECESSED, ATTACHED TO GRID W/ 4- #8 SHEET METAL SCREWS.
9. DUCTWORK SHALL BE RIGIDLY ATTACHED TO BUILDING OR SHALL NOT BE CLOSER THAN 6" TO HANGER WIRES.
10. REGISTERS SHALL BE POSITIVELY ATTACHED W/ 4- 10 GA. SHEET METAL SCREWS.
11. CEILING PANELS: 2X4 LAY-IN PANELS, ASTM FLAME SPREAD CLASS 1 (1-25), ARMSTRONG 7300 OR EQUAL, SUSPENDED AT 9'-0"

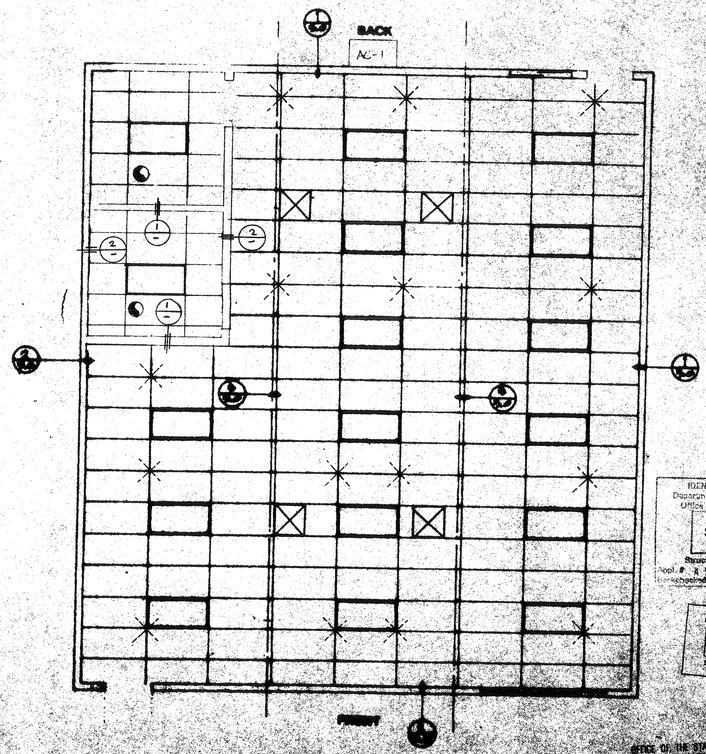


ALTERNATE TO DETAIL NO. 1





ALTERNATE TO DETAIL NO. 2



REFLECTED CEILING PLAN

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
SEP - 5 1991
Structural Safety Section
Appl. # 69960
Reviewed By

APPROVED
FIRE AND PANIC ONLY
SEP 1991
STATE FIRE MARSHAL
SOUTHERN REGION

OFFICE OF THE STATE ARCHITECT
RISES ORDINANCE SECTION
69960
SEP 05 91

MODTECH, INC.
155 EAST HOBSON STREET
PERRIS, CA. 92570 (714) 943-0404

4.2

R57

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019

SECTION 01000.1

GENERAL REQUIREMENTS

1. REFERENCE.

A. The requirements of the General conditions of the agreement and this General Requirements apply to the several trade sections with the same force as though fully repeated in each trade section.

B. Name brands are indicated to establish a standard of quality. Items of equal or better quality may be substituted for the listed brand name products only with written approval of the Office of Regulation Services, OWNER AND THE AGENCY ARCHITECT

C. All work shall comply with the requirements of Titles 19, 21, AND 24 of the CBC. NO changes shall be made from O.S.A. approved drawings or specifications without prior written approval of O.S.A., the Agency Architect and the OWNER.

2. SCOPE OF WORK.

A. The work consists of manufacturing off-site in a plant, and installing on-site, modular relocatable buildings as defined herein and shown and detailed on drawings.

B. All requirements of Titles 19, 21, and 24 of the State of California Administrative Code relating to inspections and verified reports shall be complied with and shall include:

1. General responsible charge of Field Administration by the Architect of Record.

2. Inspection in plant during the course of construction by ~~an inspector approved by the Office of the State Architect or the Architect. The inspector shall be responsible for and approved to inspect the general construction, welding, mechanical and electrical work.~~ Cost of these inspections shall be borne by the OWNER

3. On-site inspection of the building installation electrical and utility installation or connections by an inspector approved by the Office of the State Architect and the Architect and furnished by the OWNER

4. Other special tests or inspections as may be required by the Office of the State Architect. ~~and to be furnished by OWNER~~

3. ~~Work NOT INCLUDED.~~

A. All on-site or off-site utilities and the connection of them to the building unless indicated on the drawings.

B. All leveling, grading or other site preparation except concrete or wood leveling strips, where required, unless otherwise indicated on the drawings.

C. Fire alarm system, fire extinguisher, program bell, clock, public address system, intercom system, TV system unless otherwise indicated on the drawings.

4. ACCESSIBILITY OF SITE. The SITE CONTRACTOR shall provide access to the site for the installation of buildings. Removal of trees, shrubs, fencing, sprinklers, etc. necessary for the move-in of buildings shall be the responsibility of the SITE CONTRACTOR

5. GENERAL CONSTRUCTION.

A. Structural Frame. Each module IS designed as a RIGID FRAME structure to withstand vertical and horizontal loads and comply with requirements of the Office of the State Architect. The necessary provisions are incorporated in the structure to permit the relocation of the structural frame in sections not exceeding 12-feet in width.

B. Floor. The floor IS steel framed with a design live load of 55 lbs. per square foot. Ramp and loading floor load IS 100 lbs. per square foot.

C. Materialsmanship. Workmanship and materials shall be such that buildings will be weathertight and watertight.

Fan

A fan shall be installed in the toilet area including duct work and weatherproofed screen wall vent. If shall vent to the exterior and be individually controlled by single switch mounted as required for handicapped.

Millwork

Provide prefinished hardwood cabinets and doors as shown in floor plan. No particle board allowed. Cabinet and tops shall be WIC standards custom grade minimum. Counter tops shall be fully formed ~~4" high splash.~~ Provide ~~backsplash~~ wood side panels at each side of ~~handicapped~~ drinking fountains as per O.S.A. requirements.

B. FLASHING AND SHEET METAL

1. SCOPE OF WORK. Contractor shall provide all labor, materials and services to install indicated sheet metal.

2. MATERIALS.

A. Sheet Metal. Sheet shall be galvanized with 0.25 oz. per square foot zinc coating conforming to ASTM A123. Minimum 26 gauge unless otherwise noted on the drawings.

B. Solder. Of standard grade, Grade "A" of equal parts lead and tin. ~~ASTM B32.~~

C. Flux. Zinc extracted muriatic acid.

3. FABRICATION. Sheet metal accurately formed to dimensions and shapes indicated. Form straight lines, corners and angles. Flashings fabricated in maximum lengths possible. Exterior work formed, fabricated and installed so that is accurately provides for expansion and contraction in the completed work and finishes water tight. Dissimilar metals shall be separated from ferrous metal by ~~bituminous tape~~

SECTION 01400

MASONRY

1. GENERAL. The Contract Documents are fully a part of this Section.

2. SCOPE OF WORK. Contractor shall provide all labor, materials and services to install masonry.

3. MATERIALS.

A. Concrete Masonry Units. Shall be ASTM C90, Grade N-I, Type I, moisture controlled units. Units shall be 8" x 8" x 16" nominal size, hollow, with square edges and ends. Units shall be free of cracks or other defects that will interfere with proper placement or impair strength or permanence of the construction.

B. Mortar. Shall be ASTM C270, Type S, proportioned by volume, 1 part cement, 1/2 part lime, 4-1/2 parts sand.

C. Grout. Shall be ASTM C476, proportioned by volume, 1 part cement, 3 parts sand, 2 parts pea gravel.

D. Reinforcing Steel. Shall be ASTM A615 grade 40. Welded wire fabric shall conform to ASTM A185.

E. Anchor Bolts. Shall be ASTM A307.

4. WORKMANSHIP.

A. Laying Units. Units shall be laid in running bond pattern with vertical joints in each course centered on units in courses above and below. Units shall be laid with full mortar coverage on horizontal and vertical face shells. Units shall be laid plumb, true to line, with level courses accurately spaced to preserve the required openings and dimensions. Units shall be wetted before laying that have an initial rate of absorption in excess of 30 grams per minute per 30 square inches of surface area. Units shall be laid with joints not wider than 3/8" for horizontal joints and 3/8" for vertical joints. Cut units with a power saw to provide clean, sharp, unchipped edges. Allow units to dry before painting.

B. Reinforcing. Reinforcing steel shall be placed as indicated on the drawings. Reinforcing steel shall be placed in the center of the grout space with not less than 1/2" clear between the bars and any masonry unit. Reinforcing steel shall be supported and secured against displacement by positioning devices.

C. Grouting. Grout shall be placed in lifts not exceeding 4'-0" in height. Grout shall be consolidated by puddling or mechanical vibration during placement and before any water loss occurs. Grout shall be placed in a manner to avoid displacement of reinforcement or masonry units. Grout shall be stopped 1-1/2" below the top course of a pour to form a key.

D. Cleaning. Exposed masonry surfaces shall be cleaned after the mortar is thoroughly set and cured. Cleaning shall be done by dry brushing, followed by a water rinse. Acid cleaning shall not be used.

SECTION 02000.1

STRUCTURAL STEEL

1. GENERAL.

The Contract Documents are fully a part of this Section.

2. SCOPE OF WORK.

Contractor shall provide all labor, materials and services required for structural and miscellaneous steel as specified and indicated on the drawings.

3. MATERIALS.

A. Structural Steel Shapes. ASTM A-36, open hearth or electric furnace only, all regular shapes as described in AISC Construction Manual, unless noted otherwise.

B. Cold-Formed Light Gauge Steel. ASTM A-570, Grade 33, minimum yield 33,000 PSI.

C. Structural Pipe and Tubing. ASTM A-500 Grade B

D. Bolt Materials. Bolts and nuts, American Standard Regular, as detailed in AISC Construction Manual, fabricated from structural quality steel, ASTM A-307.

E. Arc-Welding Electrodes. Class E-70 Series for welding A-36 steels E-60 series for welding A-570 steel of A-60 reinforcing ~~shall conform to the requirements of the current welding code of American Welding Society, latest edition~~

4. WORKMANSHIP.

A. General. All work shall conform to requirements of AISC Standard Specifications, Title 21 and 24 of the California Administrative Code and the American Iron and Steel Institute Specifications for Design of light Gauge Steel Structural Members.

B. Welding. All welding done by shielded electric-arc or flux cored-arc process complying with requirements of the "Structural Welding Code" of the American Welding Society. Welding done by operators qualified by tests acceptable to the Office of the State Architect.

C. Erection. Structural steel erected true, straight, plumb and to its designated location. Field connections bolted or welded as indicated on the drawings.

D. Bolts, Nuts, Screws, etc. All exterior work shall be cadmium plated or galvanized.

E. Handrails. Fabricated as detailed, welds ground smooth.

F. Shop Paint.

1. All steel coated with one shop coat of red oxide primer.
2. All surfaces thoroughly cleaned by effective means prior to application of shop coat.

G. Test.

1. Provide mill certificates or test the following members per T24 Sec. 2-2327(a):
C 12x20.7, C 7x9.8, L 2½x2½x¼, L 6x4x⅝, WT 6"x24"x1/4" WB 6"x24"x1/4"

2. Welds shall be inspected and/or tested per T24 Sec. 2-2727(a).

SECTION 06100.1

CARPENTRY

1. SCOPE OF WORK. Contractor shall provide all labor, materials and services to install carpentry.

2. MATERIALS.

Lumber grade marked in accordance with "Standard Grading and Dressing Rules No. 16" of West Coast Lumber Inspection Bureau, or "Grading Rules for Western Lumber, 3rd Edition" of Western Wood Products Association: Plywood grade marked in accordance with "Product Standard PS 1-83 for Softwood Plywood" of American Plywood Association, complying with U.S.C. Standard 25-9.

A. RAFTERS: DOUGLAS FIR/LARCH NO 2 OR BETTER, S4s
B. HEADERS: DOUGLAS FIR/LARCH NO 2 OR BETTER, S4s
C. PLATES: DOUGLAS FIR/LARCH NO 2 OR BETTER.
D. BLOCKING: DOUGLAS FIR/LARCH NO 3 OR BETTER

E. FOUNDATION LUMBER: HEM FIR STANDARD OR BETTER FOR 2x4's NO. 2 FOR 2x6 AND LARGER.

1. FOUNDATION LUMBER IN CONTACT WITH GRADE. PRESSURE TREATED HEM FIR STANDARD OR BETTER FOR 2x4's NO 2 FOR 2x6 AND LARGER. TREAT CUT ENDS OF DRILLHOLES WITH COPPERNL COPPER QUINILINOLATE. SHIMS SHALL BE MINIMUM 1/4" THICK X SIZE OF THE BLOCK.

F. PLYWOOD ROOF SHEATHING: A.P.A. 3/4" THICK C-D GRADE(P.I. 42/24) EXPOSURE I PS 1-83

G. PLYWOOD FLOOR SHEATHING: A.P.A. 1 1/8" THICK, TAG GROUP 1 EXPOSURE I PS 1-83 STURDI-FLOOR 48" OC SPAN RATING

H. PLYWOOD WIDING-SHEATHING AND SKIRTING: A.P.A. V-308 5/8" HOT GROOVED T 1-11x8" EXTERIOR, PS 1-83 NOMMA-PLY BRAND-TEX OR SIMPSON. 3/8" MIN THICKNESS @ GABLES.

I. MOISTURE BARRIER: KRAFT WATERPROOF BUILDING PAPER U.S.C. STANDARD 17-1

J. FACIA: 2x REDWOOD SELECT D.F. OR H.F.

K. WINDOW TRIM: 1x4 REDWOOD SELECT D.F. OR H.F.

L. EXTERIOR FASTENERS: NAILS, ELECTRO-GALVANIZED, COMPLYING WITH U.S.C. STD 25-13 (1985). OTHER FASTENERS GALVANIZED OR CADMIUM PLATED.

M. STUDS AND CRIPPLES: DOUGLAS FIR #2 GRADE

N. SOFFITS: PLYWOOD 3/8" THICK, MDO FACE.

3. WORKMANSHIP.

A. FRAMING SECURELY NAILED, BRIDGED AND BLOCKED TO FORM RIGID STRUCTURE. WORK CUT, FITTED AND ASSEMBLED LEVEL, PLUMB AND TRUE TO LINE. TRIM IN AS LONG LENGTHS AS POSSIBLE WITH ALL STANDING TRIM IN ONE PIECE.

B. NAILING IN ACCORDANCE WITH TITLE 24 CALIFORNIA ADMINISTRATIVE CODE: TABLE NO 2-25-F. ALL NAILS TO BOX NAILS EXPOSED TO WEATHER SHALL BE GALV. PER U.B.C. STD. 25-17 (1985). MACHINE APPLIED NAILING SHALL HAVE PRIOR DEMONSTRATION AND APPROVAL BY O.S.A. FIELD REPRESENTATIVE AND THE ARCHITECT. PLYWOOD SHALL HAVE A MINIMUM THICKNESS OF 3/8" AND NAILING SHALL BE DONE WITH PLYWOOD SURFACE OR MDO FACE IS NOT ACCEPTABLE.

C. MOISTURE BARRIER APPLIED TO STUDS WEATHER-BOARD FASHION, HORIZONTAL JOINTS LAPPED MIN OF 2". VERTICLE JOINTS LAPPED MINIMUM OF 6". PLYWOOD SIDING APPLIED OVER MOISTURE BARRIER.

A. ANY CONNECTIONS CALLED OUT ON PLANS AS "SIMPSON" SHALL HAVE THE TERM "SIMPSON OR EQUAL" ATTACHED TO ITS MEANING

SECTION 07610

METAL ROOFING

1. SCOPE OF WORK. Contractor shall provide all labor, materials and services to install metal roofing. United States Testing Company Test Report LA 72140, CLASS "B".

2. MATERIALS.

A. Roofing. 2-inch standing seam 26-gauge galvanized interlocking sheet steel panels 24" wide.
B. Base Sheet. Fiberglass 25-30 pound asphalt coated.
C. Edge Flashing. 26-gauge galvanized steel.

3. WORKMANSHIP.

BASE SHEET: Apply to roof deck shingle fashion with 2-inch over-lap seams. Staple to deck at 12" on center around perimeter and at 12" on center through overlap seams.

INSTALL 26-gauge edge flashing at bottom edge.

STARTER PANEL one piece full length from ridge to eave. At ridge cut ribs back 1-1/2 inches and bend up end 1-1/12 inches (typical all roof panels), apply sealant to corners. Attach with 1-1/4 inch x .080 inch long by 26-gauge galvanized steel hold-down clips at 3 feet maximum on center. Clips are attached to roof deck with three 1-1/4 inch by x .080 inch screw nails. At eave, cut back 1 inch and tightly crimp edge over eave flashing (typical all roof panels).

CONTINUE with additional panels, apply sealant to rib ends, using hold-down clips along each seam and crimping panel edges over previous panel.

Run a bead of sealant on back side of folded up panels at ridge, butt ridge channel against sealant and attach channel to ribs with #10x3/4 inch galvanized sheet metal screws.

Install 26-gauge flashing over standing seam at ends with #10x3/4 inch galvanized sheet metal screws at 24 inches on center.

Install module close-up flashing and module close-up cap in field. Final installation shall be completely watertight.

SECTION 07800 INSULATION

1. FIBERGLASS BATTS, R-19 IN ROOF, R-11 IN WALLS. ALL INSULATION MATERIALS INCLUDING FACINGS, SUCH AS VAPOR BARRIERS OR BREATHER PAPERS INSTALLED WITHIN FLOOR CEILING ASSEMBLIES, WALLS, CRAWL SPACES, ATTICS, HVAC AND PLUMBING SHALL HAVE A FLAME SPREAD RATING NOT TO EXCEED 25 AND A SMOKE DEWSITY RATING NOT TO EXCEED 450 WHEN TESTED IN ACCORDANCE WITH U.B.C. STANDARD NO. 42-1.

SECTION 08100

HOLLOW METAL DOORS AND FRAMES

1. SCOPE OF WORK. CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICES TO INSTALL HOLLOW METAL DOORS AND FRAMES.

2. MATERIALS.
A. DOORS. TYPE I FULL FLUSH, MANUFACTURED BY STEELCRAFT MANUFACTURING COMPANY, 18-GA., 1-3/4" THICK.
B. FRAMES. 16-GA., COLD ROLLED 2-INCH FACES. REINFORCED FOR ALL REQUIRED HARDWARE AND INCLUDE STRIKE BOXES.

3. WORKMANSHIP. ALL WORK FABRICATED IN SHOP PER CS242.TO REQUIRED
PROFILES BY FORMING AND WELDING, WITH ARISES AND EDGES STRAIGHT, SHARP FIT, FABRICATED ACCURATELY WITH SQUARE CORNERS HAIRLINE JOINTS AND SURFACES FREE FROM WARP, WAVE, BUCKLE OR OTHER DEFECTS. AFTER FABRICATION, DOORS AND FRAMES CLEANED THOROUGHLY, ALL WELDS GROUND SMOOTH AND GIVEN PRIME COAT.

SECTION 08710

FINISH HARDWARE

1. SCOPE OF WORK. CONTRACTOR SHALL SUPPLY FINISH HARDWARE AS SPECIFIED AND AS REQUIRED.

2. SCHEDULE:

FOR EACH EXTERIOR DOOR-

BUTTS	1-1/2 Pr.	HAGER	1279 BB 4-1/"x4-1/2 HRP 260
LOCKSET	1	VON DUPRIN	PANIC 99EO W/ US10-B FINISH. (YALE KEYWAY)
CLOSER	1	NORTON	1604
THRESHOLD	1	PEMKO	271A
DOOR BOTTOM	1	PEMKO	216AV
WEATHER-STRIP	1	PEMKO	299AV

3. SPECIAL REQUIREMENTS.
A. EXIT DOORS SHALL BE OPERABLE FROM THE INTERIOR WITHOUT KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
B. CLOSER SHALL BE SET FOR A MAXIMUM OPENING PRESSURE OF 8'1/2lbs. FOR EXTERIOR DOORS, 5lbs. FOR INTERIOR DOORS.
C. MASTER KEY TO EXMISTING.

GENERAL: Concrete

SCOPE OF WORK.

Furnish all labor, materials, and equipment necessary to complete continuous concrete footings and slabs as required by the Office of the State Architect and as noted on the drawings.

MATERIALS

Concrete shall be furnished by an accredited ready mix plant, with a design strength of 2000 PSI in twenty-eight (28) days. Each batch shall be accompanied by a weighmaster's certificate from the plant.

Certificates shall be available for inspection by the inspector and the Architect.

Aggregate shall conform to ASTM C33. Coarse aggregate shall be 3/4 inch maximum. Slump shall be 4 inch maximum.

Reinforcing steel shall conform to ASTM A615 grade 40. Welded wire fabric shall conform to ASTM A185.

MIXING

All ~~six~~ shall be ~~method A~~, mix design, conforming with Title 24, Section 2-2604 (C).

All concrete, unless otherwise specified, shall be cast in forms, shall be ~~vertical~~, true to line, and level.

FOOTING DESIGN

Provide concrete footings which shall be designed for 1000 PSF soil pressure.

BEARING

The top surface of the continuous footings shall be accurately leveled and smoothly finished.

RAMPS/RETAINING WALLS

Ramps, landings, walks and stairs shall be installed as indicated on drawings. Provide a heavy broom finish.

INSPECTION AND TESTING

Deposit of concrete shall be continuously inspected.

PAINTING

1. GENERAL. The Contract Documents are fully a part of this Section.

2. SCOPE OF WORK. Contractor shall provide all labor, materials and services to paint building. All exposed surfaces of building and ramp shall be painted except aluminum window frames, thresholds and prefinished doors and frames.

3. MATERIALS OR EQUAL.

EXTERIOR

Ref. Brands	Dunn Edwards	Glidden	Kelly Moore	Sinclair
Primer	42-9M	1951	220	289
Finish	60-XX	19XX	175-XXX	24XX

TRIM

Ref. Brands	Dunn Edwards	Glidden	Kelly Moore	Sinclair
Finish	450-XX	37XX	165-XXX	40XX

4. WORKMANSHIP.

A. Exterior: Wood siding, trim and skirting - apply one coat of primer and at least one finish coat. Prime coat shall be brushed on or sprayed and back brushed. Spray coating only of prime coat is not acceptable. Allow prime coat to dry according to manufacturer's recommendation. Prime and finish coats shall be compatible and manufactured by the same company. If necessary, in the opinion of the Inspector, an extra coat shall be applied to all grooves so that the finish coat will have a uniform appearance.

B. Interior trim: Trim not precoated shall be painted with two coats of semi-gloss latex over primer.

Metal: All metal surfaces shall be painted with 2 coats of alkyd finish coat over shop primer.

SITE ASSEMBLY

GENERAL. The Contract Documents are fully a part of this Section.

SCOPE OF WORK.

~~The~~ contractor shall provide all labor, materials and services to ~~assemble~~ the ~~building elements~~, transport them from the plant to the site and to complete the assembly at the site.

The condition of the site, such as drainage and soil bearing capacity, shall be the responsibility of the ARCHITECT. Steps, ramps, walkways or handrails shall be the responsibility of the MANUFACTURER

3. ASSEMBLY OF ELEMENTS.

A. In a location on the site as determined by the ARCHITECT, the contractor shall place concrete leveling strips or other suitable supports as detailed on the drawings.

B. The elements shall be brought to the site on wheel assembly and transferred to the prepared site. Great care shall be take to avoid damage to the elements by racking or bumping each other.

C. Connection of the elements together shall be done according to instruction on th drawings. Flashings, trim and other loose items shall be installed.

D. THE SITE WILL BE CLEARED AND GRADED TO WITHIN 9" OF LEVEL GRADE FOR EACH BUILDING. EACH SITE WILL HAVE A MINIMUM SOIL BEARING CAPACITY OF 1000 P.S.F.

AIR CONDITIONING

1. GENERAL. The Contract Documents are fully a part of this Section.

2. SCOPE OF WORK. Contractor shall provide all labor, materials and services to install the air conditioning system as shown on the drawings and specified including A.C. units and accessories, remote thermostat, grilles and power wiring complete to load center. Contractor shall instruct owner's operators on operation and maintenance of A.C. system. Manufacturer's literature, instructions and guarantees shall be delivered to school office.

3. EQUIPMENT. Air Conditioning units as noted on drawings.

4. WORKMANSHIP. Units shall be installed complete and operating with all accessories in accordance with the manufacturer's instructions.

ELECTRICAL

1. GENERAL. The Contract Documents are fully a part of this Section.

2. SCOPE OF WORK. Contractor shall provide all labor, materials and services for electrical installation complete with associated ~~equipment~~ and fixtures, in operating conditions ready for use. The work includes light and power systems, lighting fixtures complete with ~~lamps~~, connections and disconnects to A.C. equipment.

3. ~~MATERIALS AND EQUIPMENT~~. All new complying with requirements of ~~regulations~~, Electric Code and National Fire Protection Association.

A. Electric Metallic Tubing, couplings and flex conduit galvanized or shredrized.
B. Panelboards: Flush mounted with hinged lockable doors and ~~index~~ card holders. Locks furnished by School District.
C. Conductors: Copper, insulated for 600 volts, type TW for sizes #12 to #6, type THW for larger sizes.
D. Receptacles: Arrow Hart 8200-I.
E. Clock Receptacle: Eagle or equal.
F. Switches: Slice 700 I
G. Lighting Fixtures: As noted on drawings.

4. WORKMANSHIP. Materials and equipment installed in a secure, neat, workmanlike manner in accordance with Code requirements. Panelboard cards filled out. Conduit and cable installed in wall and ceiling spaces. Work piercing waterproofed areas flashed and sealed to a watertight condition.

ALL SITE CONNECTIONS BY SITE CONTRACTOR

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
SEP -5 1991
Structural Safety Section
Appl. # 56960
Date Checked
Checked by

APPROVED
FIRE AND PANIC ONLY
SEP 5 1991
STATE FIRE MARSHAL
SOUTHERN REGION

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
56960 SEP 05 '91
APPROVAL of the plan does not authorize or approve any omission or deviation from applicable regulations.
Reviewed by

DSA
APPROVED
DEC 20 2019
DIVISION OF THE STATE ARCHITECT
FIRE MARSHAL
OCT 4 1989
STATE FIRE MARSHAL
SOUTHERN REGION

MODTECH, INC.
1426 EAST MORGAN STREET
PERRIS, CA. 92370 (714) 943-4014
MODTECH

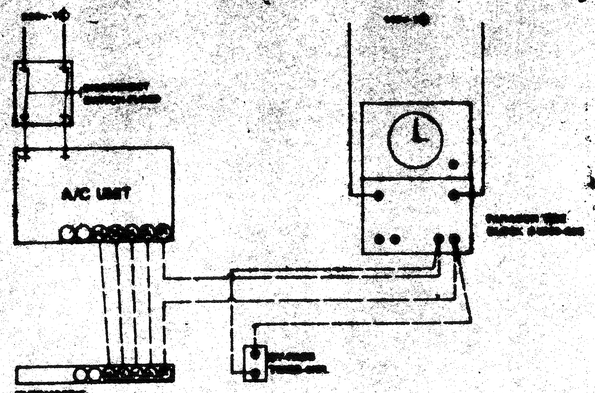
1480
KERN CO. ECONOMIC OPPORTUNITY CORP.

BINDING ORDER
6.0
R02410E

R57

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019

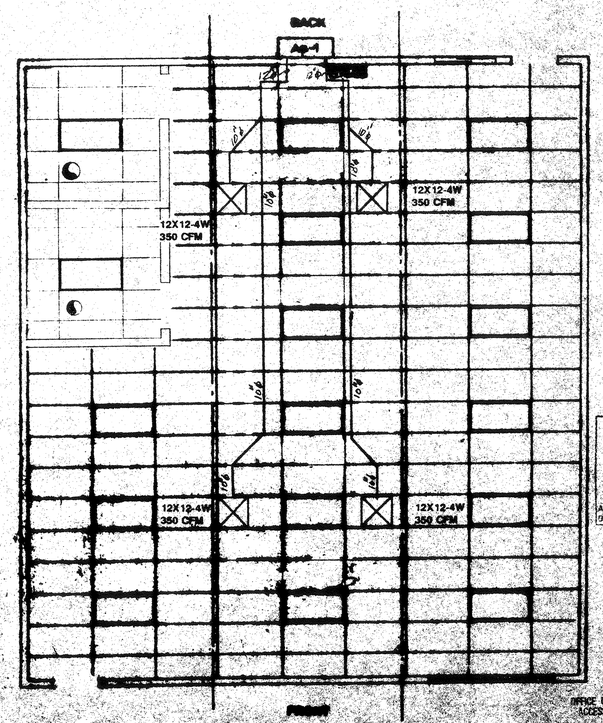


WIRING DIAGRAM

EQUIPMENT SCHEDULE

AC1 - WALL MOUNTED HEAT PUMP MINIMAL
48 Cu. BTUH COOL/45,000 BTUH HEAT
w/(5 kw HEATER (OPTIONAL) S.A.E. 3 SPEED/MULTI
STATE ENERGY APPROVED - 1400 CFM -
208/230v, 1 PHASE, MAX. F.L.A. [illegible] AMPS
- UT. 670 lbs.

- THERMOSTAT-HONEYWELL-T8624M1023
- INTERVAL TIMER-MARK TIME 906-07
- TIME CLOCK (FLUSH STD.)
- BRYANT # 676



AIR CONDITIONING PLAN

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
SEP - 5 1991
Structural Safety Section
Appl. # [illegible]
Checked by [illegible]

APPROVED
FIRE AND PANIC DUTY
SEP 5 1991
STATE FIRE MARSHAL
SOUTHERN SECTION

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
[illegible]
SEP 5 91

A.E.S.

FIRE MARSHAL

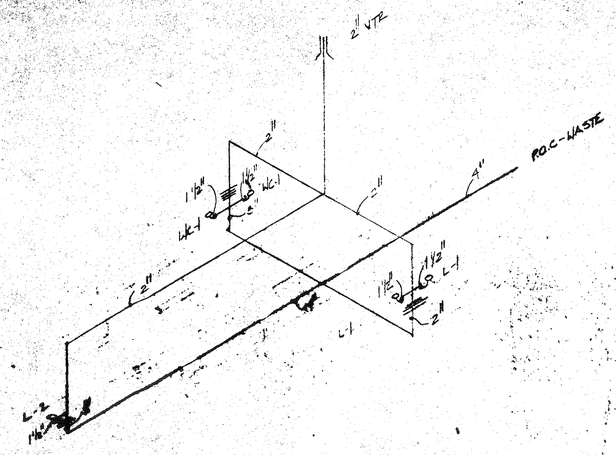
MODTECH, INC.
[illegible] WEST WORDEN STREET
PERRIS, CA. [illegible]

M.1

R57

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC. FLS. SS.
DATE SEP 30 2019



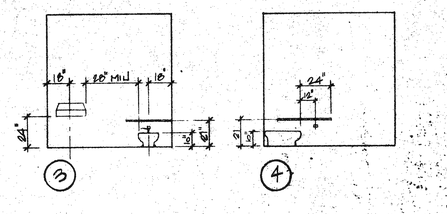
WASTE DIAGRAM

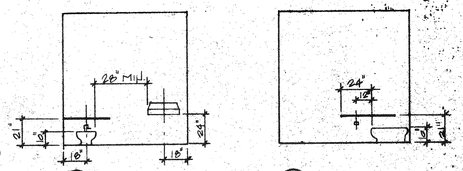
FIXTURE SCHEDULE

L-1: ~~KOHLER~~ K-2002 WITH KOHLER K-8939 SUPPLIES @ 27" TO TOP OF RIM

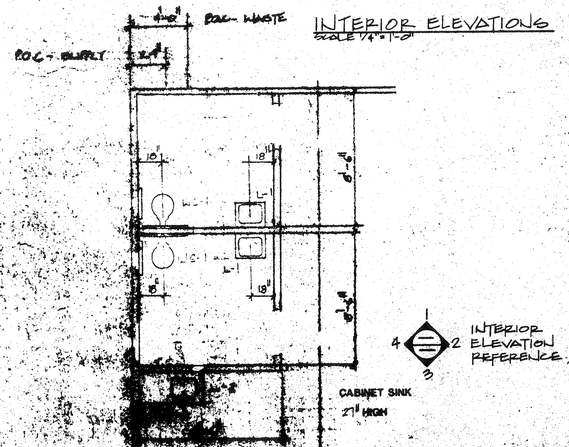
L-2: KOHLER # K-2990 WITH KOHLER # K-7318 GOOSENECK FAUCET, KOHLER # K-7481 HANDLE W/ SELF-CLOSING VALVE @ 27" TO TOP OF COUNTER.

WC-1: KOHLER # K-4138-ET "PRIMARY" TOILET W/ OLSONITE 210 SEAT. MOUNT 12" TO TOP OF SEAT.





INTERIOR ELEVATIONS
SCALE 1/4"=1'-0"



4 2 3 INTERIOR ELEVATION REFERENCE

NOTE:
An Inspector who is Mechanically qualified will be req'd. on this project.

LICENSED ARCHITECT
GEORGE E. HARTEL
No. C-10098
REN. DATE
STATE OF CALIFORNIA

STRUCTURAL SHEETS

ACCESS COMPLIANCE

FIRE MARSHAL

MODTECH, INC.
1901-B Via Burton, Anaheim, CA 92806 (714) 632-8220
SHEET INDEX
1965 EAST KATELLA AVENUE, ANAHEIM, CALIFORNIA

P-1

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
SEP 9 1993
Structural Safety
Access Compliance
Fire & Life Safety
By 12

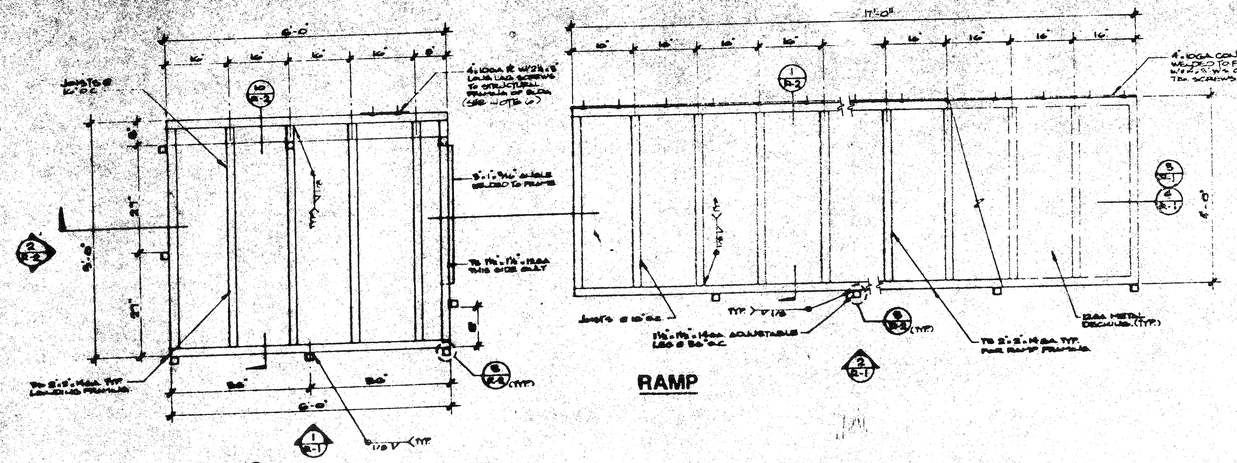
R57

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FILE NO. 15-6

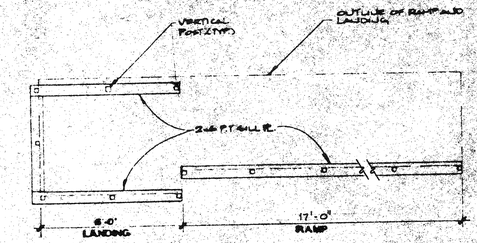
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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC ___ FLS ___ SS ___
DATE SEP 30 2019

NOTES

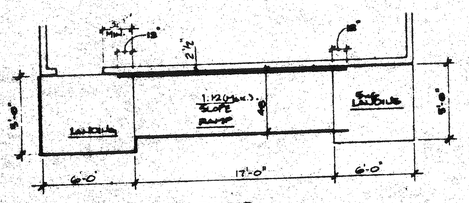
1. RAMPS: RAMPS SHALL NOT SLOPE MORE THAN 1" IN 12".
2. HANDRAILS: HANDRAILS AT BOTH SIDES OF RAMP @ 32".
3. LANDING AND RAMP TO HAVE NON-SLIP SURFACE.
4. PROVIDE GROUNDING OF RAMP TO BUILDING FRAME W/#8 CU. TO BOTH GROUND LUGS.
5. 12GA. @ 1"x1/2" SQ. TUBE @ 32" O.C. MAY BE USED AS ALTERNATE FOR HANDRAILS.
6. PLATE CONNECTED TO SILL PLATE OF WALL OR FLOOR BEAM OR FOUNDATION PLATES. NOT TO WALL STUDS.



STD. RAMP AND LANDING PLAN
SCALE: 3/4" = 1'

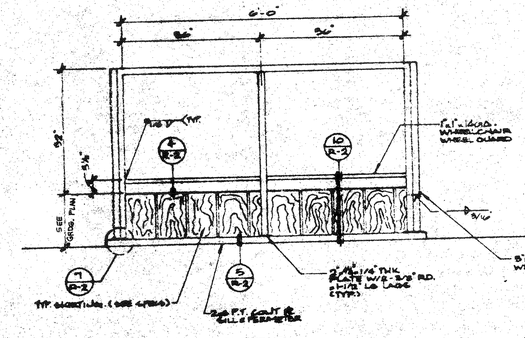


SILL PLAN FOR RAMP AND LANDING
SCALE: 3/8" = 1'

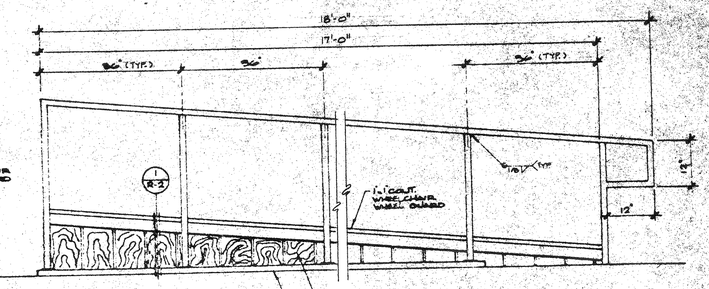


RAMP PLAN @ BLDG.
SCALE: 1/4" = 1'

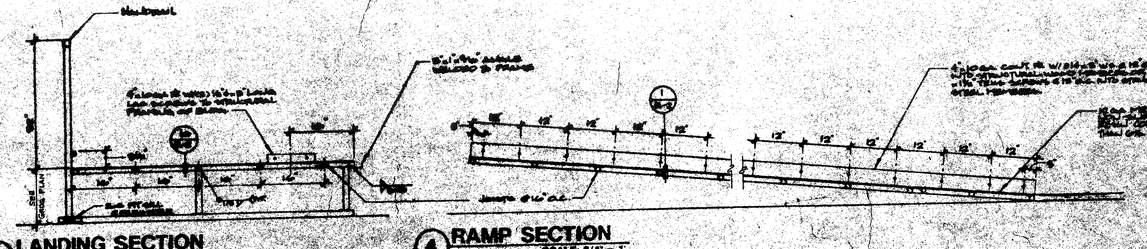
UNIT "A" AS SHOWN
UNIT "B" OPPOSITE HAND



1 LANDING ELEVATION
SCALE: 3/4" = 1'



2 RAMP ELEVATION
SCALE: 3/4" = 1'



3 LANDING SECTION
SCALE: 3/4" = 1'

4 RAMP SECTION
SCALE: 3/4" = 1'

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
SEP 5 1991
Structural Safety Section
Appl. # 16-355 15-6
Bookchecked By ED/LA

APPROVED
FIRE AND PANIC ONLY
SEP 5 1991
STATE FIRE MARSHAL
SOUTHERN REGION

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
16960 SEP 05 91

A.C.S.

FIRE MARSHAL

MODTECH, INC.
[illegible] EAST MORGAN STREET
[illegible]

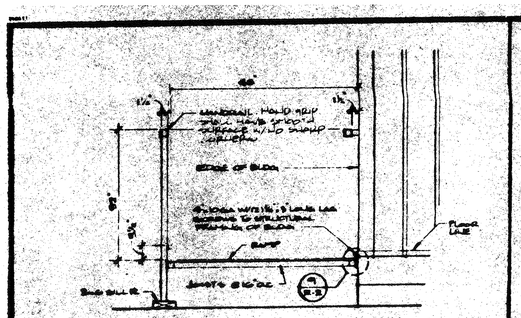
BUILDING OPENING

F-1

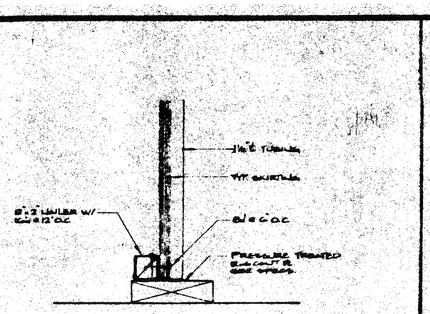
R57

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

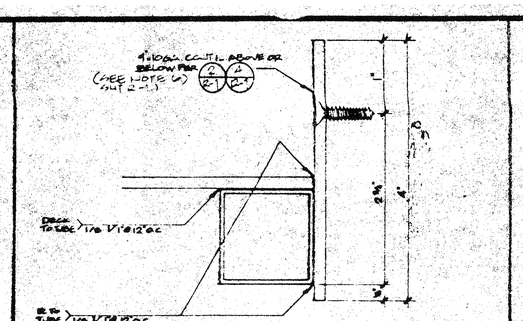
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019



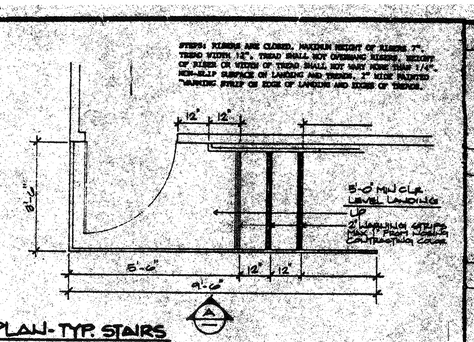
SECTION @ RAMP
SCALE: 3/4" = 1' 1



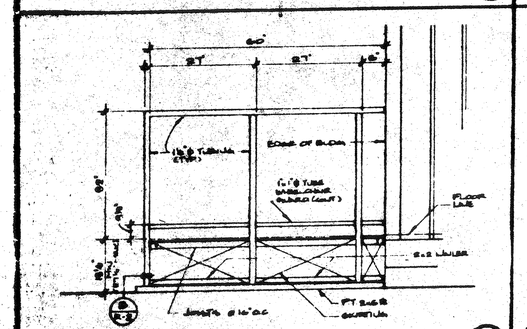
SKIRTING @ SILL PLATE
SCALE: 3" = 1' 5



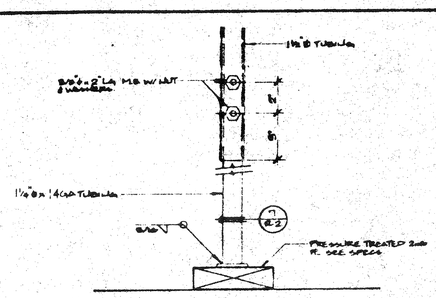
SECTION @ PLATE
SCALE: FULL 9



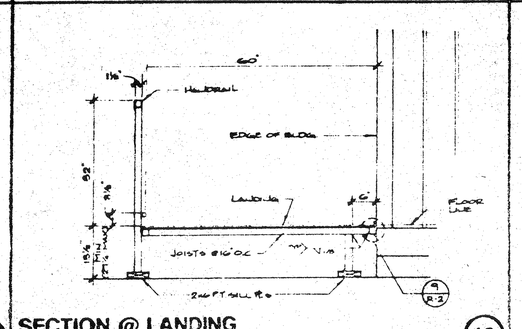
PLAN-TYP. STAIRS



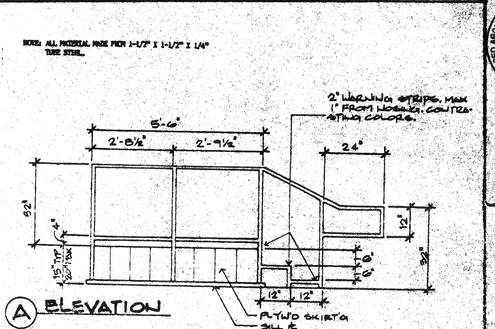
END ELEVATION
SCALE: 3/4" = 1' 2



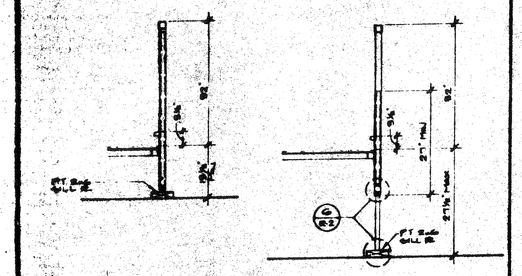
ADJUSTABLE LEG
SCALE: 3" = 1' 6



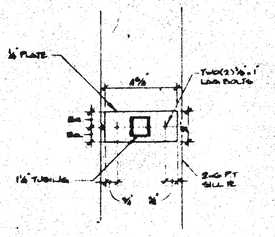
SECTION @ LANDING
SCALE: 3/4" = 1' 10



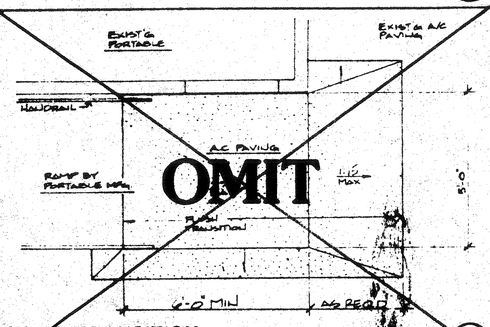
A ELEVATION



ADJUSTABLE LEG
SCALE: 3/4" = 1' 3

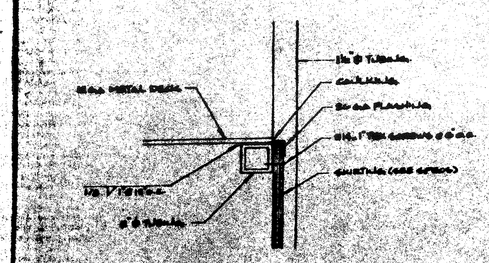


BASE PLATE
3" = 1' 7



OMIT

RAMP TRANSITION
SCALE: 1/2" = 1' 11



EXIST. FLASHING
A

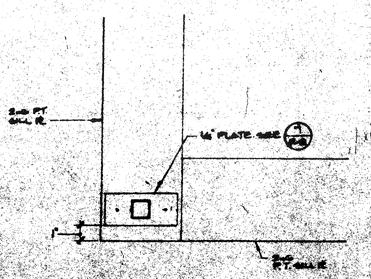
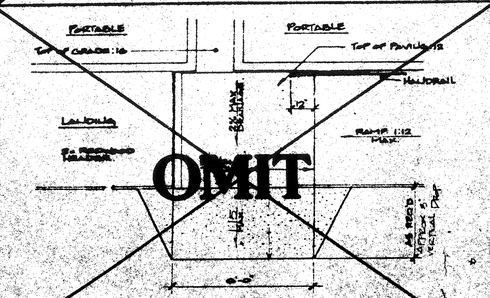


PLATE @ CORNER
SCALE: 3" = 1' 8



OMIT

RAMP TRANSITION
SCALE: 3/8" = 1' 12

APPROVED
FIRE AND PANIC ORDS
SEP 5 1991
STATE FIRE MARSHAL
SOUTHERN REGION

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
SEP 5 1991
Structural Safety Section
Appl. # A 55960
Backchecked By SD/LA
OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
APPLICATION NO. # 55960
55960 SEP 05 '91
APPROVAL of this plan does not authorize the violation of any adopted code or ordinance or deviation from approved plans.
Backcheck By

O.S.A.
A.C.S.
FIRE MARSH

REGISTERED ARCHITECT
JAMES F. MARTELL
No. C-10286
REN DATE
STATE OF CALIFORNIA

MODTECH, INC.
195 EAST MORGAN STREET
#400
KERN CO. ECONOMIC OPPORTUNITY CORP.

BINDING OR

R.2

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-120134
AC. ✓ FLS. SS. M
DATE SEP 30 2019

JOB # 2986 # 3022 # 2377 # 2506 # 3183

RELOCATABLE BUILDING(S)

FOR

CLASS LEASING

STOCKPILE # 42

121 - 24 x 40 CLASSROOMS

BAKERSFIELD CITY
SCHOOL DISTRICT
STELLA HILLS
CL2868

~~(9) SERIAL # 20829 - 20846 MONO SLOPE JOB # 2377~~
~~(23) SERIAL # 37318 - 37363 MONO SLOPE JOB # 2986~~
~~(35) SERIAL # 38012 - 38081 MONO SLOPE JOB # 3022~~
~~(12) SERIAL # 39764 - 39727 MONO SLOPE JOB # 3022~~
(25) SERIAL # 38523 - 38572 MONO SLOPE JOB # 3022 38551 - 38552
~~(11) SERIAL # 25607 - 25678 MONO SLOPE JOB # 2506~~
~~(1) SERIAL # 41569 - 41570 MONO SLOPE JOB # 3022~~
~~(4) SERIAL # 41008 - 41015 DUAL SLOPE JOB # 3183~~
~~W/ SINK CABINET~~
~~(1) SERIAL # 41016 - 41017 DUAL SLOPE JOB # 3183~~

121 RELOCATABLE BLDG'S TOTAL

PC-266

24' x 40'

~~36' x 40'~~

~~48' x 40'~~

REVISED

FROM STOCKPILE TO SITE SPECIFIC RELOCATION PACKAGE

BUILDING DATA

BUILDING SIZE	24' X 40'	~~36' X 40'~~	~~48' X 40'~~
OCCUPANCY	E - 2	E -	E - 1
TYPE OF CONSTRUCTION	V - N	V - N	V -
WIND LOAD	70 MPH. EXP. "C"	70 MPH. EXP. "C"	MPH. EXP. "C"
FLOOR LIVE LOAD	50 + 20 PSF	50/50 + 20 PSF	50/50 + 20 PSF
ROOF LIVE LOAD	20 PSF	20 PSF	20 PSF
BUILDING AREA	960 SF	1440	1920
STRUCTURAL DESIGN	RIGID FRAME	RIGID FRAME	RIGID FRAME

APPLICABLE CODES

TITLE 24, CCR, PART 2, 1995 CBC (94 UBC W/95 CA AMENDMENTS)
1994 UBC & 1995 CA AMENDMENTS (95 CBC – PART 2, TITLE 24, CCR)
1993 NEC & 1995 CA AMENDMENTS (95 CEC – PART 3, TITLE 24, CCR)
1994 UMC & 1995 CA AMENDMENTS (95 CMC – PART 4, TITLE 24, CCR)
1994 UPC & 1995 CA AMENDMENTS (95 CPC – PART 5 TITLE 24, CCR)
1994 UNIFORM FIRE CODE W/ STATE AMENDMENTS (CALIFORNIA FIRE CODE – PART 9, TITLE 24, CCR)
1994 BUILDING STANDARDS CODE (95 STATE REFERENCED STANDARDS CODE – PART 12, TITLE 24, CCR)
TITLE 19, CCR, PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS.

LEGEND

SYMBOL	DESCRIPTION
1/2	DETAIL ON SAME SHEET AS SYMBOL
1/2	DETAIL NUMBER (1) ON SHEET NUMBER (2)
1	KEY NOTE (1) ON SAME SHEET AS SYMBOL
1/5	KEY NOTE NUMBER (4) ON SHEET NUMBER (5)
1/2	WALL PANEL TYPE "A" ON SHEET (1)
A/2	SECTION "A" ON SHEET (2)
1	REVISION / CHANGE IN DRAWING. NO. (1) IS FIRST REVISION
CLOUD	HIGHLIGHTS CHANGED AREA
1	DOOR REFERENCE
A	WINDOW REFERENCE
EL	ELECTRICAL ITEM(S) SEE ELECT. DRAWINGS
HV	HEATING/VENTILATING & AIR CONDITIONING ITEM(S) SEE MECHANICAL DRAWINGS
PLG	PLUMBING ITEM(S) SEE MECHANICAL DRAWINGS
STR	STRUCTURAL ITEM(S) SEE STRUCTURAL DRAWINGS

WITH THE SIGNING OF THESE DRAWINGS, WE ACKNOWLEDGE THAT WE HAVE REVIEWED THESE PLANS AND SPECIFICATIONS AND HAVE FOUND THEM TO BE IN GENERAL COMPLIANCE WITH THE BID DRAWINGS, SPECIFICATIONS AND ASSOCIATED ADDENDA. WHEN THESE PLANS AND SPECIFICATIONS HAVE BEEN APPROVED BY THE DIVISION OF THE STATE ARCHITECT, THEY SHALL PRESIDE OVER CONFLICTING AREAS IN THE BID DRAWINGS AND SPECIFICATIONS, AND ANY ADDENDA THERETO.

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SHEET INDEX

ARCHITECTURAL

A0 COVER SHEET
A1.0 FLOOR PLAN 24'X40'
~~A1.0 FLOOR PLAN 36'X40'~~
~~A1.0 FLOOR PLAN 48'X40'~~
~~A1.0 ROOF PLAN (MONO PITCH) 24'X40'~~
~~A1.0 ROOF PLAN (MONO PITCH) 36'X40'~~
~~A1.0 ROOF PLAN (MONO PITCH) 48'X40'~~
A2.0 ROOF PLAN (MONO PITCH) 24'X40'
~~A2.0 ROOF PLAN (MONO PITCH) 36'X40'~~
~~A2.0 ROOF PLAN (MONO PITCH) 48'X40'~~
A3.0 EXTERIOR ELEVATIONS (MONO PITCH) 24'X40'
~~A3.0 EXTERIOR ELEVATIONS (MONO PITCH) 36'X40'~~
~~A3.0 EXTERIOR ELEVATIONS (MONO PITCH) 48'X40'~~
A4.0 INTERIOR ELEVATIONS 24'X40'
~~A4.0 INTERIOR ELEVATIONS 36'X40'~~
~~A4.0 INTERIOR ELEVATIONS 48'X40'~~
A5.0 DOOR, WINDOW, FINISH, HARDWARE SCHEDULES
A6.0 ARCHITECTURAL DETAILS (WOOD STUDS)
A6.1 ARCHITECTURAL DETAILS (WOOD STUDS)
A7.0 REFLECTED CEILING PLAN (24'X40")
~~A7.0 REFLECTED CEILING PLAN (36'X40")~~
~~A7.0 REFLECTED CEILING PLAN (48'X40")~~
A7.1 REFLECTED CEILING DETAILS

STRUCTURAL

~~S0.0 FOUNDATION PLAN (24' x 40') 50 + 20 PSF LL (WOOD)~~
F1.0 CL FOUNDATION PLAN AND DETAILS (PC 0/-113778)
F2.1 CL FOUNDATION PLAN AND DETAILS (PC 0/-113778)
~~F3.0 FOUNDATION DETAILS (WOOD)~~
~~F4.0 FOUNDATION DETAILS (CONCRETE)~~
~~F5.0 FOUNDATION DETAILS (CONCRETE)~~
~~F6.0 FOUNDATION DETAILS (CONCRETE)~~
~~S0.0 FOUNDATION PLAN (24' x 40') 50 + 20 PSF LL (WOOD)~~
~~S0.0 FOUNDATION PLAN (36' x 40') 50 + 20 PSF LL (WOOD)~~
~~S0.0 FOUNDATION PLAN (48' x 40') 50 + 20 PSF LL (WOOD)~~
S1.0 FLOOR FRAMING PLAN 50+20 PSF LL
~~S1.0 FLOOR FRAMING PLAN (36' x 40') 50 + 20 PSF LL~~
~~S1.0 FLOOR FRAMING PLAN (48' x 40') 50 + 20 PSF LL~~
S2.0 ROOF FRAMING PLAN (MONO PITCH)
~~S2.0 ROOF FRAMING PLAN (36' x 40') (MONO PITCH)~~
~~S2.0 ROOF FRAMING PLAN (48' x 40') (MONO PITCH)~~
~~S3.0 STRUCTURAL ELEVATIONS & DETAILS (MONO PITCH)~~
~~S3.1 STRUCTURAL DETAILS (MONO PITCH)~~
S4.0 STRUCTURAL DETAILS
S5.0 WALL FRAMING (WOOD)
S5.1 WALL FRAMING DETAILS (WOOD)
S5.2 WALL FRAMING DETAILS (WOOD)

MECHANICAL

M1.0 HVAC PLAN 24'X40'

ELECTRICAL

E1.0 ELECTRICAL PLAN 24'X40'

RAMP

R1.0 RAMP / LANDING PLAN
R2.0 RAMP / STAIRS DETAILS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 100929
AC. ✓ FLS. ✓ SS. JP
DATE JAN 07 1999
FLS: P. ALCAIRE
ACP: J. Schaible

8/19/99
REVISED
ACP: G. Ibbe
FLS: P. ALCAIRE
SSS JP

STKP-42 11/24/99

FILE # PC266 400

121 - 24x40 CLASSROOMS STKP-42

PROJECT NO. JOB # 2986 24X40 CLASS LEASING (Relocatable) 3022 3183

PC-266

REVISIONS

1		
2		
3		
4		
5		

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal — LICENSED ARCHITECT GEORGE C. EDWARDS No. C-9738 REN. 8-30-99 STATE OF CALIFORNIA

Division of the State Architect
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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-266
AC. JP FLS. SS.
DATE
ACS: D. Feinstein
S. G. Hom

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER:

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JOB # 2986
CLASS LEASING
2- 24 x 40 CLASSROOM A# 04-100929
SERIAL # STOCKPILE 42
BRENTWOOD UNION SCHOOL DISTRICT

COVER SHEET

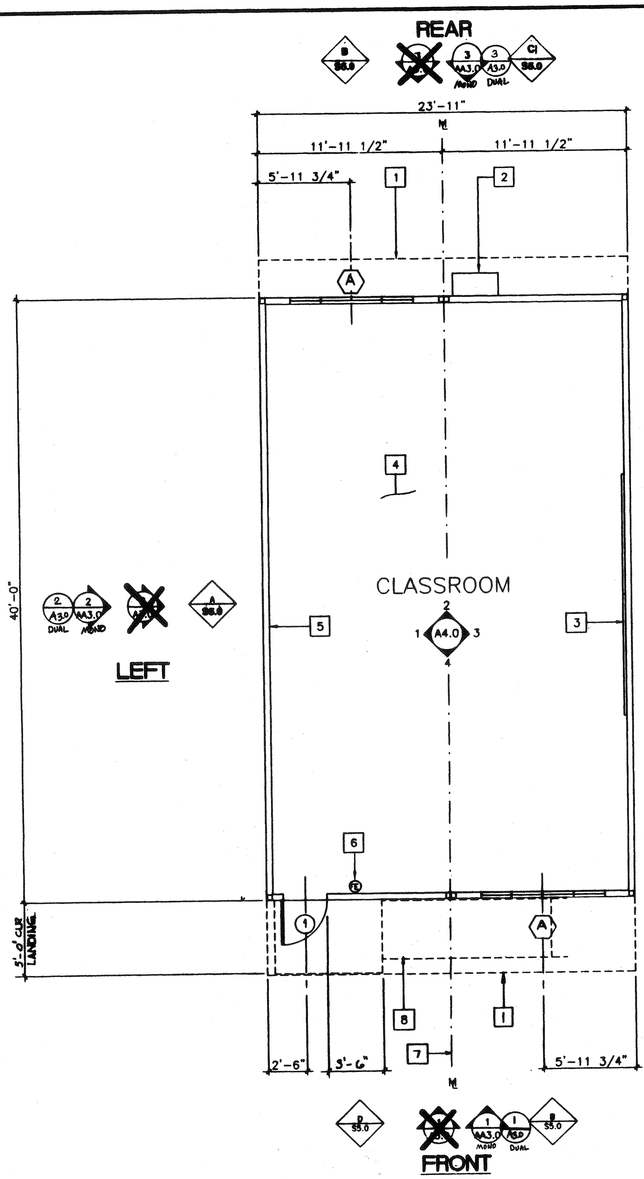
drawn by: 4012-088
date: 05 JAN 99
checked by:
date:
Modtech project no: 2377 2506 2986

MODTECH Index No.

A0.0
R58

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

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OFFICE OF REGULATION SERVICES
03-120134
AC. FLS. SS
DATE SEP 30 2019



KEY NOTES

1. ROOF OVERHANG
2. HVAC UNIT - SEE MECH. SHEET
3. 2- 8'X4' MARKER BOARDS (SEE SPEC'S)
4. FINISH FLOORING: (SEE FINISH SCHED.) A5.0
5. TYPICAL INTERIOR FINISH (SEE FINISH SCHEDULE) A5.0
6. FIRE EXTINGUISHER - 5 LBS. DRY CHEMICAL WITH 2A-10BC U.L. RATING ON WALL MTD. BRACKET. HANDLE AT 48" A.F.F.
7. MODLINE (M TYPICAL)
8. LINE OF RAMP/LANDING SEE R1.0 & R2.0

NOTES

1. METAL TAG ON ALL MODULES. MECHANICALLY ATTACHED TO REAR EXTERIOR OF BUILDING SHOW D.S.A. APPLICATION NUMBER. MANUFACTURER'S NAME AND SERIAL NUMBER. ROOF & FLOOR DESIGN LIVE LOAD AND DESIGN WIND LOAD.
2. INSULATION MATERIALS INSTALLED WITHIN FLOOR-CEILING ASSEMBLIES, ROOF-CEILING ASSEMBLIES, WALLS, CRAWL SPACES, OR ATTICS SHALL HAVE A FLAME SPREAD RATING NOT TO EXCEED 25 AND A SMOKE DENSITY NOT TO EXCEED 450. EXCEPTIONS: 1. FOAM PLASTIC INSULATION SHALL COMPLY WITH SEC. 2602 2. WHEN MATERIALS ARE INSTALLED IN CONCEALED SPACES OF TYPES I, II, IV, AND V CONSTRUCTION, THE FLAME SPREAD AND SMOKE-DEVELOPED LIMITATIONS DO NOT APPLY TO FACINGS IF THE FACING IS INSTALLED IN SUBSTANTIAL CONTACT WITH THE UNEXPOSED SURFACE OF THE CEILING, FLOOR OR WALL FINISH. (SEC. 707.3 CBC.)

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04 100929
AC. FLS. SS
DATE JAN 07 1999

FLOOR PLAN (24' X 40')

SCALE 1/4"=1'-0"

STKP-42
11/24/98
3022 3183
2377
PROJECT NO

REVISED

REVISIONS			
1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal: LICENSED ARCHITECT GEORGE C. EDWARDS JR. EXP. 9-30-99 STATE OF CALIFORNIA

Division of the State Architect
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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
FC 2966
AC. FLS. SS
DATE JAN 25 1997

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 2986

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drawn by: 4012-088
date: 05 JAN 98
checked by:
date:
engineer project no: 2566 2986

MODTECH Index No.

A1.0

R58

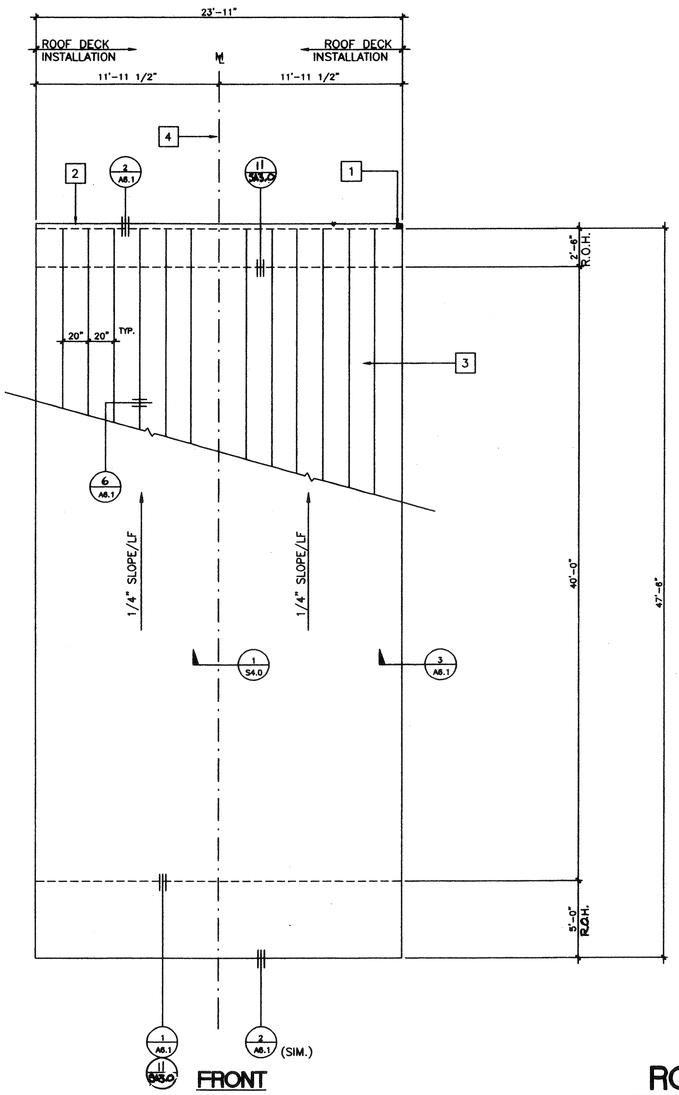
FLOOR PLAN

PC-PC-256

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

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03-120134
AC FLS SS
DATE SEP 30 2019

FILE # P286AA20.DWG



KEY NOTES

1. DOWNSPOUT TYPICAL FOR (1) SEE 8/A6.1
2. CONTINUOUS GUTTER
3. 26GA. MIN. INTERLOCKING ROOF PANELS OVER 3/4" CDX PLYWOOD OVER AQUA BAR 15 (MH1) ROOFING UNDERLAYMENT RADCO LISTING#1109
4. MODLINE
5. NOT USED

NOTES

1. BUILDING HOUSING GROUP E OCCUPANCIES SHALL HAVE ROOF COVERINGS AS SPECIFIED IN TABLE 15A. C.B.C. CLASS A

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04 100929
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DATE JAN 07 1999

STKP-42M 11/24/98

ROOF PLAN (MONO SLOPE)

(24' X 40')

SCALE 1/4"=1'-0"

REVISED

REVISIONS			
1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal

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OFFICE OF REGULATION SERVICES
PC-266
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DATE JAN 23 1997

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PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 2986

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ROOF PLAN

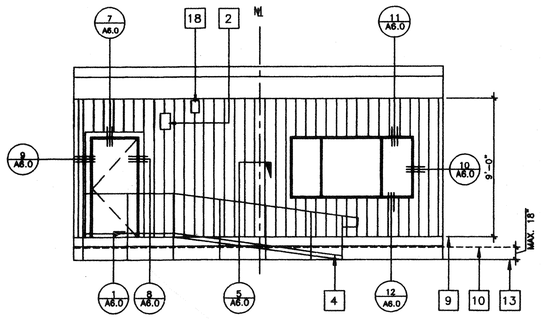
drawn by: 4012-088
date:
checked by: 05 JAN 99
date:
Modtech project no: 2986
MODTECH Index No.

AA2.0
R58

PROJECT NO.
PC-266

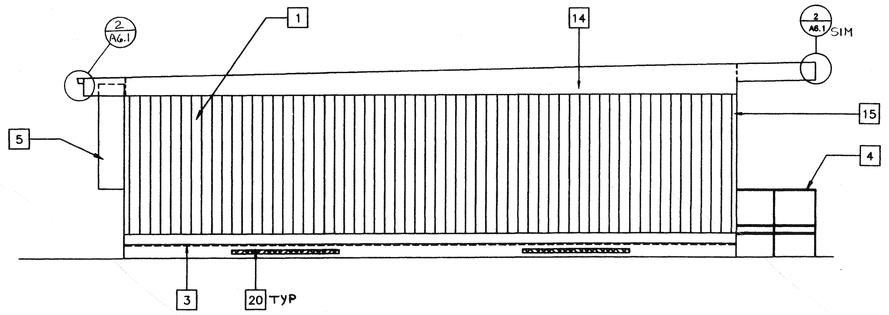
AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

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03-120134
AC FLS SS
DATE SEP 30 2019



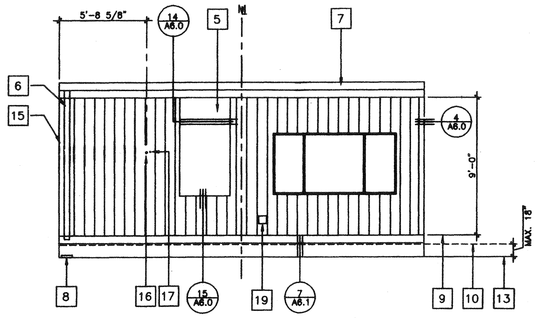
1 FRONT ELEVATION

SCALE 1/4"=1'-0"



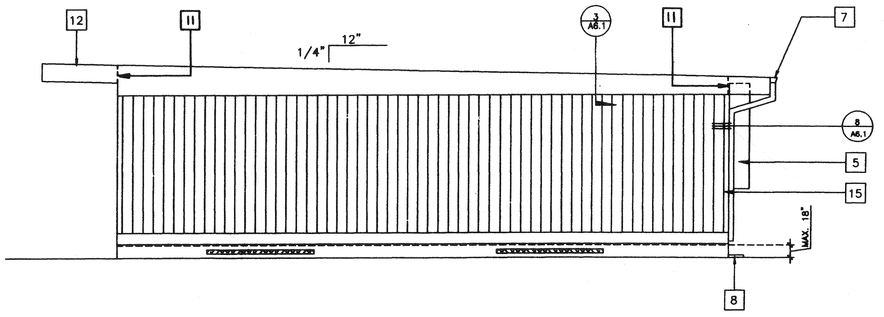
2 LEFT SIDE ELEVATION

SCALE 1/4"=1'-0"



3 REAR ELEVATION

SCALE 1/4"=1'-0"



4 RIGHT SIDE ELEVATION

SCALE 1/4"=1'-0"

REVISED

24' X 40' (MONO SLOPE)

KEY NOTES

1. TYPICAL EXTERIOR SIDING (SEE SPEC'S)
2. EXTERIOR LIGHT FIXTURE (SEE SPEC'S)
3. TOP OF SKIRTING
4. RAMP AND LANDING SEE SHT. R-1
5. HVAC UNIT (HV)
6. DOWNSPOUT (TYP.) FOR (1). FASTEN TO BLDG.TYP. 3 PLACES (SEE 8/A6.1)
7. CONTINUOUS GUTTER WITH DOWNSPOUT (LOCATION OF DOWNSPOUT SHOWN ON ROOF PLAN)
8. SPLASH BLOCK (BY OTHERS)
9. FINISH FLOOR LINE
10. BOTTOM FLANGE OF FLOOR BEAM
11. ROOF HEADER
12. ROOF OVERHANG
13. FINISH GRADE
14. ROOF BEAM (STR)
15. COLUMN (STR)
16. ELECTRICAL STUB-OUT (EL)
17. GROUND STUB-OUT (EL)
18. J BOX FOR FA HORN (EL)
19. GUTTER BOX. (EL)
20. FOUNDATION VENT (SEE FOUNDATION PLAN FOR SIZE & LOCATION

NOTES

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STKP-42M
11/24/98

FILE # P286AA30

REVISIONS					
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2					
3					
4					
5					

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal

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PC-266
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DATE JAN 25 1999

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 2986

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drawn by: 4012-088
date:
checked by: 05 JAN99
date:
modtech project no: 2.506

MODTECH Index No.

EXTERIOR ELEVATIONS

AA3.0

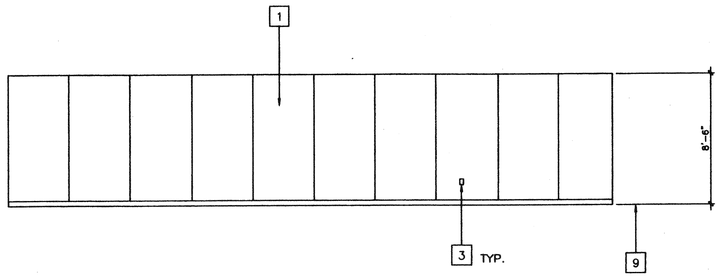
R58

PROJECT NO. 2496

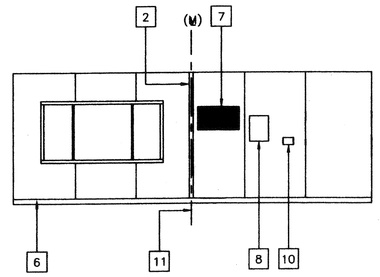
PC-266

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FILE NO. 15-6

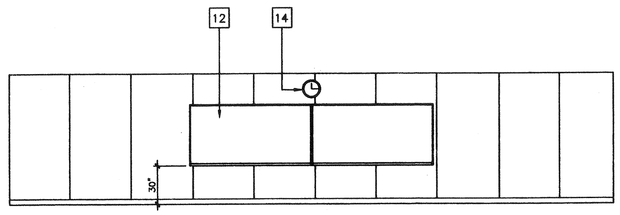
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DATE SEP 30 2019



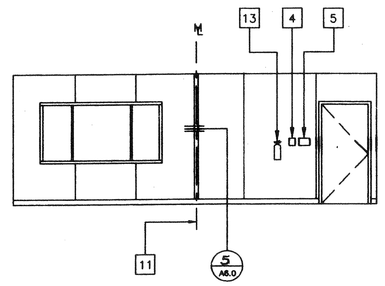
1



2



3



4

KEY NOTES

1. TYPICAL INTERIOR FINISH (SEE A5.0)
2. CLOSURE AT MODULAR JOINT
3. DUPLEX WALL RECEPTACLE (EL)
4. FIRE ALARM PULL STATION (EL)
5. LIGHT SWITCH (EL)
6. TOP SET BASE (TYPICAL) SEE FINISH SCHED.
7. RETURN AIR GRILL
8. ELECTRICAL PANEL (EL)
9. FINISH FLOOR
10. THERMOSTAT (HV)
11. MODULAR JOINT
12. 8040 MARKBOARD. TYPICAL FOR (2)
13. FIRE EXTINGUISHER: 5LBS. DRY CHEMICAL WITH 2A-10BC U.L. RATING ON WALL MTD. BRACKET, HANDLE AT 48" A.F.F.
14. 12" DIA. ELECTRIC CLOCK. (EL)

FILE # P266 A40.DWG

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INTERIOR ELEVATIONS (24' X 40')

SCALE 1/4"=1'-0"

STKP-42
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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal

LICENSED ARCHITECT GEORGE C. ESTEP C-2956 REN. 9-30-97 STATE OF CALIFORNIA

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PROJECT NUMBER: 2986

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Modtech project no: 2986

MODTECH Index No.

INTERIOR ELEVATIONS

A4.0

R58

PROJECT NO. 2986

PC-266

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FILE NO. 15-8

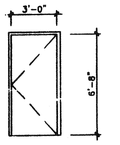
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DOOR SCHEDULE

DOORS							FRAMES					
DOOR NUMBER	FRAME OPENING SIZE	MATERIAL	TYPE	FIRE RATING	HARDWARE SET NO.	QUANTITY	MATERIAL	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	JAMB THROAT	NOTE NO.
1	3'-0" X 6'-8"	HM	A	NA	1		HM	7/A6.0	8/A6.0	1/A6.0	5-1/8"	

HM – HOLLOW METAL
AL – ALUMINUM
SST – STAINLESS STEEL
STL – STEEL FRAME. 16ga, FULLY WELDED, GALV @ EXTERIOR, REPUBLIC "ME" SERIES. PAINT TO
WWF – WINDOW WALL FRAME
SC – SOLID CORE WOOD
HC – HOLLOW CORE WOOD
SCL – SOLID CORE WOOD (LEGACY)

DOOR ELEVATIONS



TYPE A

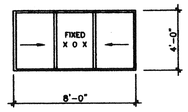
DOOR NOTES

1. DOOR HANDLES FOR LOCKSETS TO BE CENTERED @ 40" AFF & DEADBOLTS @ 44" AFF. HARDWARE TO BE OPENABLE FROM THE INSIDE WITHOUT ANY SPECIAL KNOWLEDGE OR EFFORT LEVERS TO RETURN TO WITHIN 1/2" OF DOOR.
2. ALL DOORS SHALL BE 1-3/4" THICK UNO
   DOUBLE LETTERS IN SCHEDULE, INDICATES A PAIR OF DOORS.
3. CLOSURE SHALL BE SET FOR MAXIMUM OPENING PRESSURE OF 8.5 LBS @ EXTERIOR DOORS AND 5.0 LBS @ INTERIOR DOORS.
4. PLACE SIGN OVER EXIT DOORS: "THESE DOORS TO REMAIN UNLOCKED DURING BUSINESS HOURS" SIGNAGE IS NOT IN MODTECH CONTRACT

WINDOW SCHEDULE

AMT.	TYPE	WIDTH	HEIGHT	FINISH	GLASS TYPE	WIN. NO.
2	1	8'-0"	4'-0"	ANODIZED	7/32" MIN, SOLAR GRAY 46%, DUAL GLAZE	A

WINDOW ELEVATIONS



TYPE 1

WINDOW NOTES

1. 8040 XOX ANODIZED ALUMINUM, DUAL GLAZING, 7/32"MIN TEMPERED GLASS OF SOLAR GRAY WITH A LIGHT TRANSMISSION FACTOR OF 46%. ALL OPERABLE SASH SHALL HAVE SCREENS.

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FINISHES								REMARKS
		FLOOR	BASE	WALLS				CEILING	CEILING HEIGHT	
				FRONT	LEFT	REAR	RIGHT			
1	CLASSROOM	A	D	F	F	F	F	L	8'-6"	

A – CARPET PER STATE OF CALIF SPEC COMPLYING WITH GROUP 1, TYPE A OR TYPE B, CLASS 2, DENSITY 4600, DIRECT GLUE DOWN .
B – VINYL SHEET FLOORING
C – VCT. ARMSTRONG STANDARD OR EXCELON
D – TOP SET BASE. 4" BURKE
E – TOP SET BASE. 6" BRIGANTINE OR SANDOVAL
F – WALL FINISH. 1/2" VINYL TACKBOARD CLASS 1 OVER 1/2" GYP BOARD BACKING
G – 1/2" W.R. GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
H – 3/8" W.R. GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
I – 1/2" GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
J – 3/8" GYP BOARD, TAPE, TEXTURE, PAINTED FINISH
K – 3/32" F.R.P. OVER 1/2" W.R. GYP BOARD
L – ACOUSTICAL LAY IN GRID CEILING PANELS (SEE SPECIFICATIONS)

FINISH NOTES

1. SUB-FLOOR PREP:

PREPARATION FOR SUB FLOOR TO ACCEPT FINISH FLOORING IS BY FLOORING CONTRACTOR. PLYWOOD SUB FLOOR IS 2.4.1 PLYWOOD. OUTER PLY IS PLUGGED AND TOUCH SANDED, ANY DEFORMATIES DUE TO STANDARD CONSTRUCTION PRACTICES SHALL BE FILLED AND SANDED BY FLOORING CONTRACTER. THE JOINT AT THE MODULEJOINING SHALL NOT BE LARGER THAN 1/8" AND SHALL BE FILLED AND SANDED BY FLOORING CONTRACTOR.

NOTES

1. ALL FINISHES SHALL COMPLY WITH C.B.C. CHAPTERS 3,6,7,8, & 10 & C.F.C. & TITLE 19 C.C.R

HARDWARE SCHEDULE

HARDWARE SET #1 (FOR 36x40 BLDGS. & 48x40 BLDG'S. USE HARDWARE SET #7)
- LOCKSET – SCHLAGE D70PD, RHODES LEVER, OR EQUAL
- BUTTS – 1-1/2 PAIR HAGER 1279 BB 4-1/2 x 4-1/2 NRP 26D OR EQUAL.
- CLOSER – NORTON 8501 BFDP / 900 BFDP CAL ROYAL OR EQUAL.
- THRESHOLD – PEMCO 271A OR EQUAL.
- DOOR BOTTOM – PEMCO 216AV OR EQUAL.
- WEATHERSTRIP – PEMCO 299AV OR EQUAL.

HARDWARE SET #2 (INTERIOR PASSAGE)
- LOCKSET – SCHLAGE D10S WITH RHODES LEVER, OR EQUAL
- BUTTS – 1-1/2 PAIR HAGER 1279 4-1/2 x 4-1/2 OR EQUAL.

HARDWARE SET #3 (INTERIOR / OFFICE LOCKABLE)
- LOCKSET – SCHLAGE D53PD, WITH RHODES LEVER OR EQUAL
- BUTTS – 1-1/2 PAIR HAGER 1279 4-1/2 x 4-1/2 26D

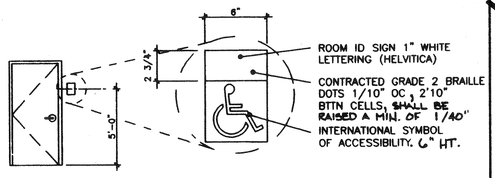
HARDWARE SET #4 (INTERIOR /DOUBLE CLASSROOM LOCKABLE)
- LOCKSET – SCHLAGE D66PD, WITH RHODES LEVER OR EQUAL
- BUTTS – 1-1/2 PAIR HAGER 1279 4-1/2 x 4-1/2 26D

HARDWARE SET #5 (INTERIOR TOILET ROOM / PRIVACY)
- LOCKSET – SCHLAGE D40S OR EQUAL
- BUTTS – 1-1/2 PAIR HAGER 1279 4-1/2 x 4-1/2 26D

HARDWARE SET #6 (INTERIOR STOREROOM)
- LOCKSET – SCHLAGE D80PD WITH RHODES LEVER OR EQUAL
- BUTTS – 1-1/2 PAIR HAGER 1279 4-1/2 x 4-1/2 26D

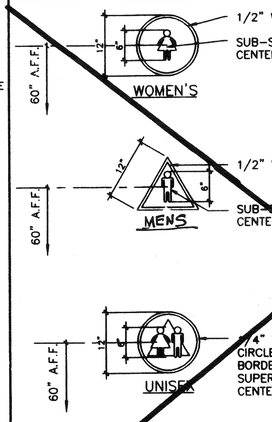
HARDWARE SET #7 (PANIC)
- LOCKSET – VON DUPRIN 99L PANIC HARDWARE OR EQUAL
- BUTTS – 1-1/2 PAIR HAGER 1279 BB 4-1/2 x 4-1/2 NRP 26D OR EQUAL.
- CLOSER – NORTON 8501 BFDP / 900 BFDP CAL ROYAL OR EQUAL.
- THRESHOLD – PEMCO 271A OR EQUAL.
- DOOR BOTTOM – PEMCO 216AV OR EQUAL.
- WEATHERSTRIP – PEMCO 299AV OR EQUAL.

ACCESSIBILITY SIGNAGE (BY DISTRICT)



ENTRY DOOR FROM EXTERIOR VIEW

ACCESSIBILITY SIGNAGE (AS REQUIRED - BY MODTECH)



NOTE:

ATTACH SIGNS USING THREE (3) WOODSCREWS, COUNTERSINK AND ADHESIVE SIGN SHALL BE CENTERED ON DOOR AND MOUNTED 60" ABOVE FLOOR. ATTACHMMENT OF SIGN SHALL BE FULLY CONCEALED AND TAMPER RESISTANT.

RADIUS CORNERS
CLEAR ACRYLIC PLASTIC
OPAQUE WHITE ACRYLIC PLASTIC BACK
PAINT BACKGROUND OF INTERIOR FACE OF CLEAR PLASTIC

TOILET SIGNAGE

SYMBOLS SHALL BE CONTRASTING IN COLOR FROM THE DOOR.

1/4" THICK, 12" DIAMETER CIRCLE FOR BOTH WOMEN/UNISEX

1/4" THICK, 12" SIDES EQUILATERAL TRIANGLE FOR MEN

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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal — LICENSED ARCHITECT GEORGE C. EDDY C 2956 REN. 9-30-99 STATE OF CALIFORNIA

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PROJECT NUMBER: 2986

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date: 05 JAN 99
checked by:
date:
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SCHEDULES

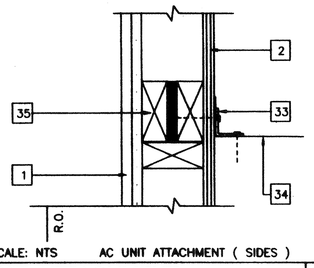
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PROJECT NO. 2986

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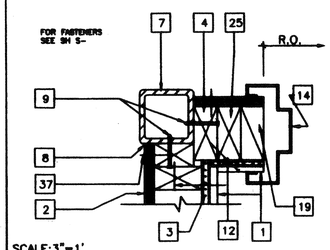
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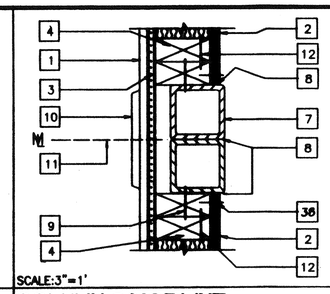
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UNIT ATTACHMENT 13



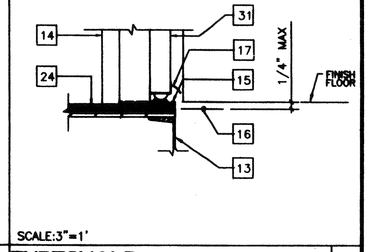
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DOOR JAMB 9



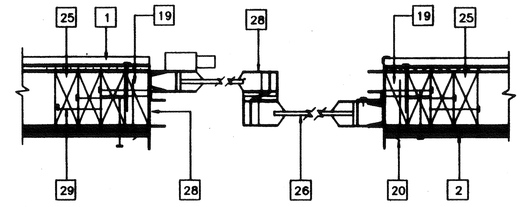
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COLUMN @ MODLINE 5



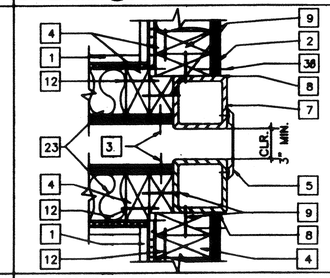
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THRESHOLD 1

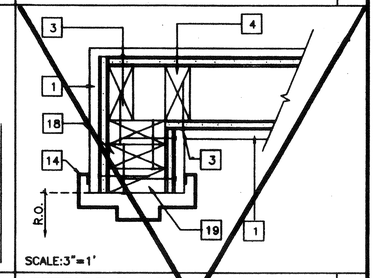


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WINDOWS SECTION • JAMBS 10

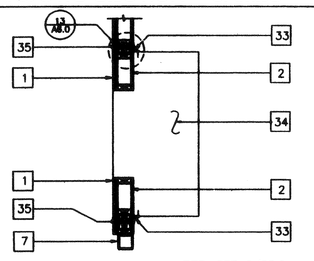


CLOSURE BETWEEN BLDG'S 6



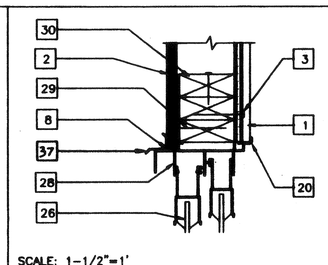
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INTERIOR DOOR JAMBS 2



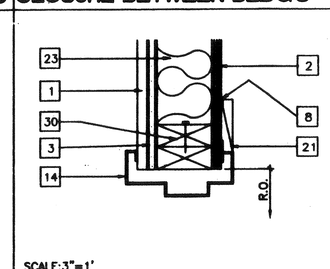
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A.C. UNIT (PLAN) 14



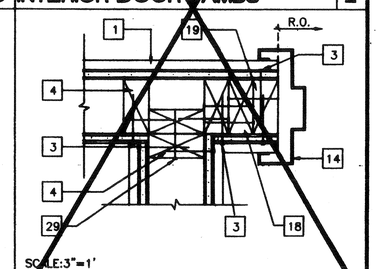
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WINDOW HEADER 11



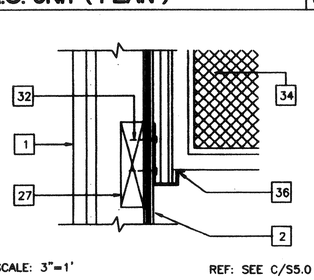
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DOOR HEADER 7



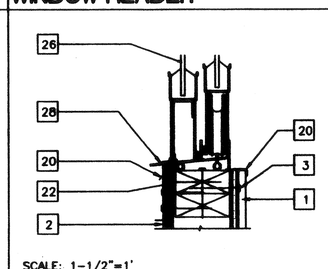
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INTERIOR DOOR JAMBS 3



SCALE: 3"=1' REF: SEE C/S5.0

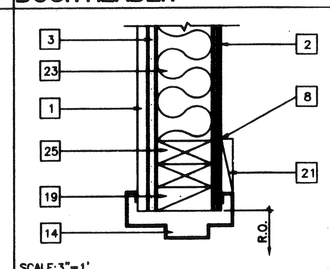
A.C. UNIT (BOTTOM) 15



SCALE: 1-1/2"=1'

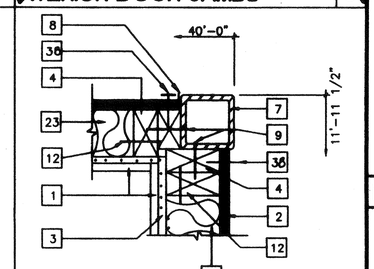
SILL PLATE 12

REVISED



SCALE:3"=1'

DOOR JAMB 8



SCALE:3"=1'

CORNER COLUMN 4

KEY NOTES

1. TYP. INTERIOR FINISH (SEE FINISH SCHEDULE.)
2. TYP. EXTERIOR FINISH
3. 1/2" GYPSUM BOARD BACKING W/ 7d COOLER NAILS @ MAX 7" O.C. TYP. @ EA. STUD
4. 2X4 STUD TYP.@ 16" O.C. MAX.
5. WIRE MESH CLOSURE. ATTACH TO COLUMN W/#10 STSMS @ 12" O.C.
6. NOT USED
7. TUBE STEEL COLUMN (SEE STRUCTURAL)
8. SEALANT TYP. (SEE SPECS.)
9. #10 S.T.S.M.S. @ MAX. 24" O.C. (ALT. HILTI 0.145 SHOT PIN) 2X FILLER TO COLUMN
10. VINYL CLOSURE
11. MODULE JOINT
12. 16d @ 24" O.C. FACE NAIL OR 16d @ 12" O.C. TOE NAIL (SEE SHT. S5.2)
13. FLOOR BEAM (SEE STRUCTURAL)
14. PRESSED STEEL FRAME (K.D. TYPE SEE A5.0)
15. ALUMINUM THRESHOLD (SEE HARDWARE SCHEDULE)
16. FINISH LANDING SEE FLOOR PLAN & FOUNDATION FOR TYPE AND FINISH
17. DOOR BOTTOM (SEE HARDWARE SCHEDULE)
18. (2) 2X4 KING STUD NAILING SCHEDULE (SEE SHT. S5.1 FOR NAILING)
19. 2X4 TRIMMER (SEE SHT. S5.1 NAILING SCHEDULE FOR NAILING)
20. CORNER MOLDING
21. 1X4 WOOD TRIM W/8d ELECTRO GALV. @ 12" O.C.
22. 2-2X4 SILL PLATE W/16D @ 16" O.C.
23. INSULATION (SEE SPECS. FOR SIZE AND TYPE)
24. FINISH FLOORING (SEE FINISH SCHEDULE SHT. A5.0)
25. 2X4 JAMB STUDS (SEE SHT. S5.1 DETAILS FOR NUMBER OF STUDS REQUIRED AND NAILING SCHDULE FOR NAILING)
26. WINDOW GLAZING (SEE WINDOW SCHEDULE SHEET A5.0)
27. 2 X 6 LET IN (SEE WALL FRAMING SHT. S5.0)
28. ALUMINUM WINDOW FRAME WITH NAIL-ON FINISH. INSTALL W/MIN. 3" BLDG. PAPER BTWN. FIN. AND FRAMING. INSTALL WITH 8d @ MAX 24" O.C.
29. 16d BOX STAGGERED @ MAX 24" O.C.
30. HEADER (SEE SHT. S5.1 WALL FRAMING DETAILS)
31. DOOR (SEE DOOR SCHED.)
32. 6-3/8" Ø X 2" GALV.LAG SCREWS
33. L 1 1/2"x1 1/2"x1/8"x18" LONG (BY HVAC MFR) ATTACHED TO A/C W/4-#10 SELF TAPPING SHEET METAL SCREWS & ATTACH TO WALL W/3"Ø X 2" GALV. LAG SCREWS.
34. SIDE OF HVAC UNIT (SEE SHEET M-1)
35. (3) 2X4 W/ PLYWOOD SPACER- BUILT- UP POST. 8d @ O.C. STAGGERED SPACER TO FIRST 2 X 4.16 d @ 12" O.C 2 nd 2 X 4. 12d @12" O.C. STAGGERED 3rd. 2 x 4. ALTERNATE USE 4 X 4 POST.
36. 11GA.X 24" STEEL SUPPORT BRACKET.
37. DRIP FLASH
38. 8d EN @ 6" O.C.

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NOTES

1. EN 8d ELECTRO GALV. @ 6" O.C.
2. FN 8d ELECTRO GALV. @ 12" O.C.
3. SEE SHEET S5.1 FOR TYPICAL WALL FRAMING NAILING

STKP-42
11/21/05

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PROJECT NUMBER: 2986

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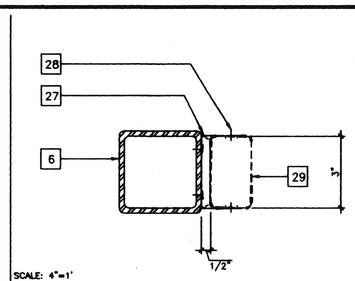
ARCHITECTURAL DETAILS

Modtech Index No.
A6.0

R58

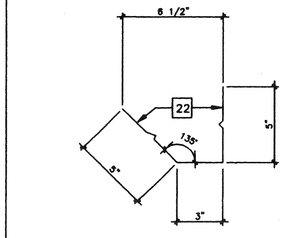
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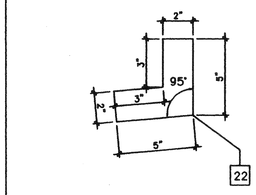
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DOWNSPOUT ATTACHMENT 8



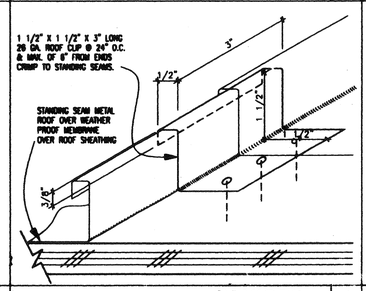
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CONTIN'S GUTTER 9

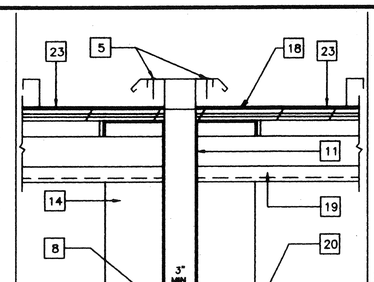


SCALE: 3"=1'

CONTIN'S GUTTER AT BEND 10



REVISED 11

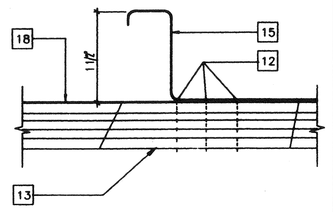


SEE SHT. S5.2 FOR WALL CONNECTIONS

OPTIONAL

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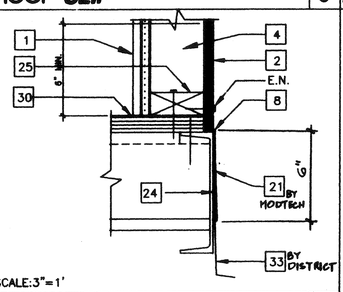
ROOF CAP AT SEP. 5



SCALE: FULL

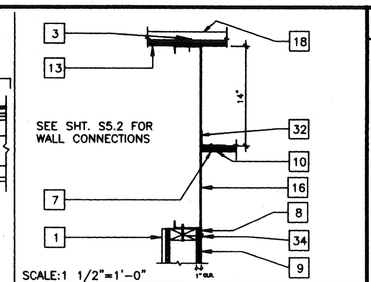
SEE 11/A6.1

ROOF CLIP 6



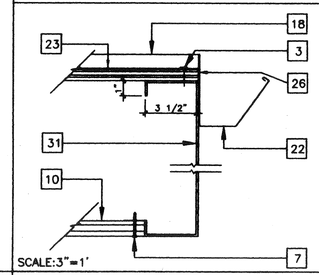
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TYPICAL SILL AT FLOOR 7



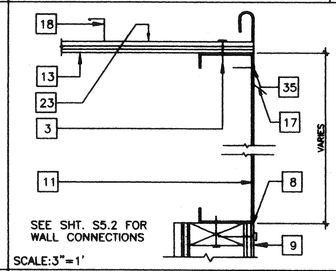
SCALE:1 1/2"=1'-0"

END WALL AT ROOF 1



SCALE:3"=1'

GUTTER AT RF. FACIA BM. 2



SCALE:3"=1'

ROOF FLASHING AT RF.BM. 3

KEY NOTES

1. TYP. INTERIOR FINISH
2. TYP. EXTERIOR FINISH
3. E.N. RF: PLYWOOD TO BEAM (STR) (DO NOT PENETRATE METAL ROOFING)
4. 2X4 STUD TYP.
5. CAP CLOSURE @ RIDGE 26GA. GALV. W/#10 STSMS @ 12" TAGGER W/NEOPRENE WASHERS TO RIB BOTH SIDES OF MODLINE SET CAP IN SEALANT.
6. TUBE STEEL (STR)
7. #10 S.T.S.M.S. @ 6" O.C.EN & 12" O.C. FN / ALT. USE AEROSMITH AKN 144.0175 DRIVE PIN.
8. SEALANT TYP. (SEE SPECIFICATIONS)
9. EXTERIOR WALL (SEE S5.2 FOR CONNECTIONS)
10. SOFFIT (SEE SPECIFICATIONS)
11. ROOF BEAM (STR)
12. .080 X 1 1/2" SCREW SHANK NAILS ROOF CLIP TO ROOF DECKING (SEE NOTE 18 FOR ROOF CLIP)
13. PLYWOOD ROOF SHEATHING (STR)
14. FULL DEPTH STIFFENER PLATE (SEE (STR) FOR LOCATION)
15. ANCHOR CLIPS @ 24" O.C. & WITHIN 6" @ END OF ROOF DECKING
16. ROOF HEADER (STR)
17. G.I. FLASHING 22GA.
18. STANDING SEAM ROOF (SEE A2.0 FOR GA.)
19. ROOF PURLIN (STR)
20. CONTINUOUS 2X4 TOP PLATE
21. GALV. FLASHING (ONLY AT CONCRETE BELOW GRADE FOUNDATION)
22. CONTINUOUS 26GA. GUTTER
23. WEATHERPROOF MEMBRANE (25-30LBS. ASPHALT COATED)
24. FLOOR BEAM (STR)
25. 2X4 SILL PLATE ATTACHED PER 4/S5.2
26. SEALANT @ END OF SEAM
27. ATTACHMENT BRACKET (TYP. 3-PLACES, TOP,BTM., & MIDSPAN W/2-#10STSMS BRACKET TO COLUMN)
28. POP RIVETS MIN. 1/8"ø
29. DOWNSPOUT
30. PLYWOOD FLOOR SHEATHING
31. ROOF FACIA HEADER (STR)
32. 1/2"X1 1/2"X14GA.< TACK WELD IN PLANT
33. GALVANIZED COUNTER FLASHING (BY OTHERS)
34. EN (8d ELECTRO GALV. @ 6" O.C.)

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Mechanical Engineer's Seal

Structural Engineer's Seal — LICENSE EXPIRES 6-30-

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PROJECT NUMBER: 2986

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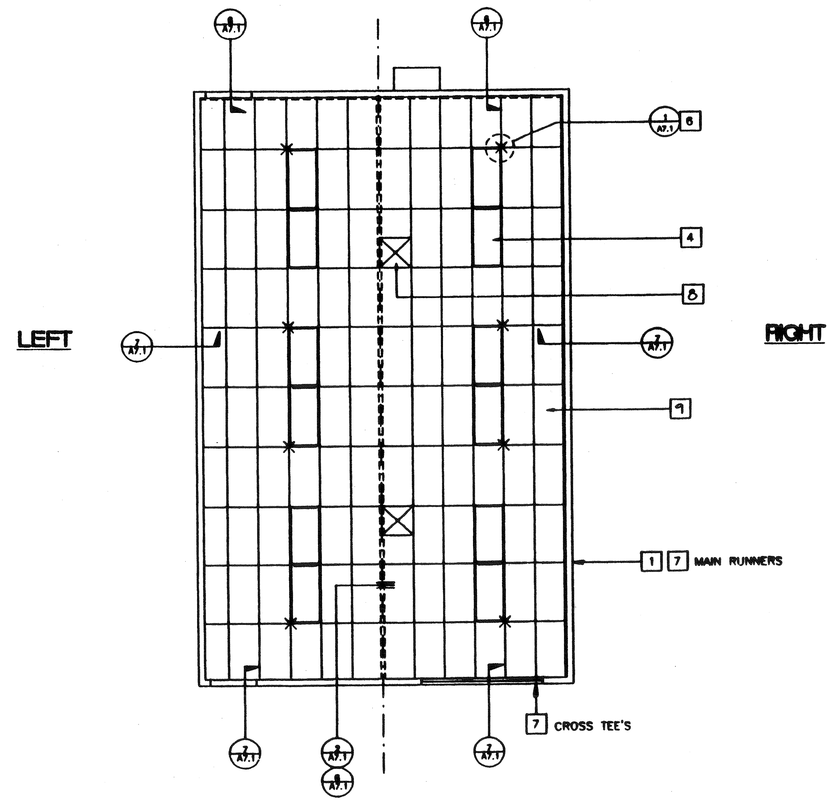
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REAR



LEFT

RIGHT

FRONT

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REFLECTED CEILING PLAN

SCALE 1/4"=1'-0"

24' X 40'

KEY NOTES

1. MAIN RUNNERS @ 4'-0" W/12GA. HANGER WIRES @ END OF EACH RUNNER.
2. NOT USED
3. NOT USED
4. PROVIDE 2-12GA. SLACK WIRES TO HOUSING OF ALL LIGHT FIXTURES AT DIAGONAL CORNERS. WIRES SHALL BE ATTACHED TO STRUCTURE OF LIGHT FIXTURES: 2' X 4' RECESSED, ATTACH FIXTURE TO GRID W/1-#8 SHEET METAL SCREW AT EACH CORNER.
5. NOT USED
6. CEILING AREAS SHALL HAVE 4-WAY SPLAYS PER DETAIL 1 ON SHEET A7.1 IN LOCATIONS INDICATED ON DRAWING WIRES TAUT BUT NOT TO DISTORT GRID.
7. T-BAR PART NUMBERS

	ARMSTRONG PA-DIR	CHICAGO METALLIC M-XT	USG DX-XT
RUNNER MAIN	7301	200	DS 26
4' CROSS TEE	7342	1210	DX 422
2' CROSS TEE	7328	1226	DX 216
WALL ANGLE	7800	1420-01	M-7

8. REGISTERS SHALL BE POSITIVELY ATTACHED W/4-10GA SHEET METAL SCREWS. (TYP. 1- @ EA. CORNER)
9. CEILING PANELS: 2 X 4 LAY-IN PANELS. ASTM FLAME SPREAD CLASS 1 (0-25). FLAME SPREAD SMOKE DEVELOPMENT DENSITY LESS THAN 450 (TYP.)

NOTES

1. AT THE END OF ROWS OF RUNNERS A 12GA. HANGER WIRE SHALL BE ATTACHED WITHIN 8" OF WALL OR SOFFIT.
2. VERTICAL WIRES MORE THAN 1-IN-6 OUT OF PLUMB SHALL HAVE COUNTERBRACING WIRES
3. RUNNERS MAY BE ATTACHED TO WALLS OR MOLD AT 2-ADJACENT WALLS, OTHER WALLS NO ATTACHMENT. CLEARANCE OF 1/2" BETWEEN END OF RUNNERS AND FACE OF WALL.
4. DUCTWORK SHALL BE RIGIDLY ATTACHED TO BUILDING AND SHALL NOT BE CLOSER THAN 6" TO HANGER WIRES.

LEGEND

- T & T BAR CEILING
- 2'X 4' ELEC. FIXTURE RECESSED
- SUPPLY AIR DIFFUSER
- SPLAY WIRE
- INDICATES FIXED SIDE (SEE DETAIL 7/A7.1)
- INDICATES FREE SIDE (SEE DETAIL 6/A7.1)

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Structural Engineer's Seal

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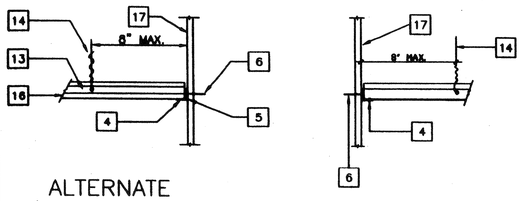
REFLECTED CEILINGPLAN

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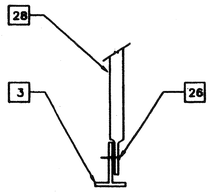
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ALTERNATE

TYPICAL FIXED SIDE

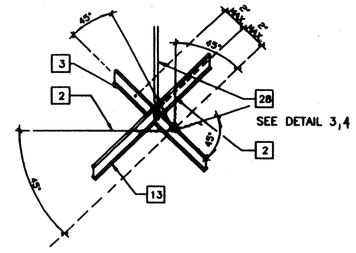
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NOTE: CONDUIT MAY BE CRIMPED ON EITHER SIDE OF T-BAR, DEPENDING UPON CONDITION & LOCATION 5'-1" MAX LENGTH

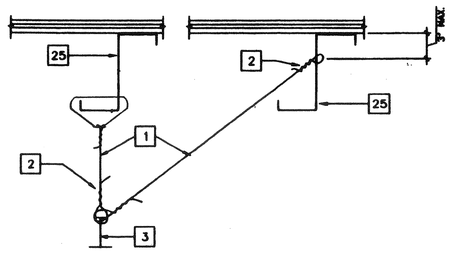
ALT. CONN. AT BOTTOM

4



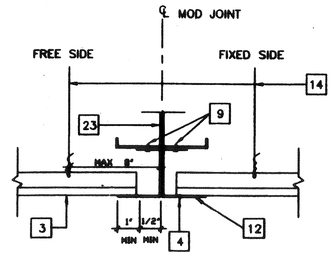
SIESMIC SPLAY - 4 WAY

1



TYP. HANGER WIRE

5

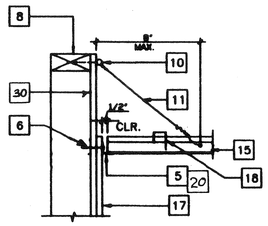


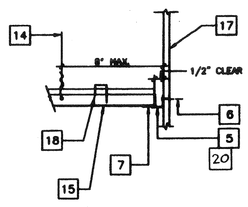
NOTE: LAY-IN CEILING TILE NOT SHOWN FOR CLARITY.

SCALE 3"=1'

GRID AT MOD LINE

2

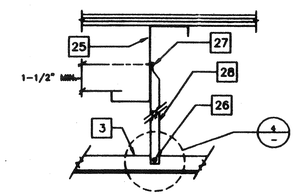




ALTERNATE

TYPICAL FREE SIDE

6



NOTE: CONDUIT MAY BE CRIMPED ON EITHER SIDE OF T-BAR DEPENDING UPON CONDITION & LOCATION

3

KEY NOTES

1. 12GA. HANGER WIRE @ 4'-0" O.C. IN PUNCHED OR DRILLED HOLE
2. 12GA. WIRE WITH 4 WRAPS IN 1 1/2" (TYP.) WIRE TO RUN PERPENDICULAR TO MAIN TEE
3. MAIN RUNNER
4. 1/8"ø POP RIVET TO EACH T-BAR
5. WALL ANGLE
6. 6d 16" @ FRAMING TO WALL STUD
7. ANGLE WITH 1/8"ø POP RIVET TO EACH T-BAR NO CONNECTION TO WALL ANGLE
8. TOP PLATE
9. #10 S.T.S.M.S. @ 4' O.C.
10. 3"X1/4" EYED SCREW W/2" EMBEDMENT
11. HANGER TO WALL WHERE NO RAFTER ABOVE MAX SLOPE 1" IN 6"
12. 26 GA. REFLECTED CEILING MOUNT X 2" ⊏
13. CROSS TEE
14. 12GA. HANGER WIRE AT THE END ON EACH RUNNER MIN. 4 WRAPS IN MAX 1 1/2"
15. MAIN RUNNERS OR CROSS TEES
16. ACOUSTICAL BOARD
17. FINISH WALL
18. HORIZONTAL STRUTS SHALL RUN CONTINUOUS AT ALL PERIMETERS, NOT POP RIVETED TO THE WALL ANGLE ARMSTRONG #7425 OR #7445 WITH SPRING STEEL SNAP TO RUNNER PER IR 47-4
19. NOT USED
20. NO POP RIVETS
21. NOT USED
22. NOT USED
23. NOT USED
24. NOT USED
25. ROOF PURLIN (STR)
26. CRIMP CONDUIT AND ATTACH TO T-BAR GRID W/#8 TEKSCREWS
27. CRIMP CONDUIT TO RAFTER W/2-#8 TEKSCREW
28. 3/4" E.M.T. CONDUIT
29. NOT USED
30. EXTEND GYP BRD TO ROOF

FILE # P266 A7.1.DWG

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CLASS LEASING, LLC.

1221 Harley Knox Blvd. Perris, CA 92571-7408
(951) 943-1908 Fax (951) 943-5768

SPECIFICATIONS
RELOCATABLE CLASSROOMS

3.01 CARPENTRY:

1. Scope of Work: Contractor shall provide all labor, materials and services to install carpentry.

2. Workmanship:
   a) FRAMING: securely nailed, bridged and blocked to form rigid structure. Work cut, fitted and assembled level, plumb and true to line. Trim in as long lengths as possible with all standing trim in one piece. Trim sealed at all edges.
   b) NAILING: in accordance with the title 24 CCR-Table 2304.9.1. Nails shall be corrosion resistant box nails.
   c) Machine applied nailing shall have prior demonstration and approval by DSA Field Inspector and the Architect. The approval is subject to continuous satisfactory performance. Plywood shall have a minimum thickness of 3/8". If nail heads penetrate the outer ply more than would be normal for a hand hammer or if minimum allowable edge distances are not maintained, the performance will be deemed unsatisfactory.
   d) TRIM: sealed at all edges. Sealant painted to match trim or siding.

4.01 MATERIAL SPECIFICATIONS:

1. Structural framing shall be Hem Fir- Larch graded in accordance with the standard grading rules of the Western Wood Products Association or standard grading rules No. 16 of the West Coast Lumber Inspection Bureau, latest editions. Grades shall be as follows unless noted otherwise on the drawings. (Hem Fir South is not allowed.) Each piece shall be grade marked and no piece may fall below grades indicated. All framing except as noted Hem Fir No. 2
2. Plywood shall be as shown on these drawings with exterior glue in accordance with U.S. Product Standard PS 1-07. All panels shall be marked with an APA grade mark with an identification index as shown on drawings. Use 4'x8' panels minimum, except at boundaries and at framing changes where minimum panel dimension shall be 24" at roofs and floors and 12" at walls.
3. Bolts for timber connections shall conform to ANSI/ASME Standard B18.2.1-2012 & 2012 edition of NDS (the National Design Specification for Wood Construction by the National Forest Products Association). Bolts shall be installed in accordance with the requirement of 2012 NDS.
   Bolt holes shall be 1/32 to 1/16 inch larger than bolt diameter. Bolts shall be full body steel bolts with minimum yield strength of 45,000 PSI. Re-tighten bolts before closing in work.
4. Lag screws shall be steel and conform to ANSI/ASME Standard B18.2.1 and 2012 NDS. Holes for lag screw shanks shall be bored the same depth and diameter as the shank. The remaining depth of penetration of the screw shall be bored to 70% of the shank diameter. One quarter inch (1/4") diameter lag screws need not have pre-drilled holes if it can be shown that wood members are not damaged during installation. Provide full diameter body lag screws with bending yield strengths per Table 11J in NDS
5. Provide malleable iron washers or equivalent cut plate washers (not less than a standard cut washer) under nuts and bolt or lag screw heads which bear on wood.
6. Wood screws shall conform to ANSI/ASME Standard B18.6.1 and the requirements of the 2012 NDS. Galvanized or other corrosion resistant coating where exposed to weather or used in foundations.
   Screws shall be steel with cut threads and bending yield strengths per Table 11L in NDS.
7. Wood members shall be cut or notched only as shown on structural drawings.
8. When required nailing tends to split wood members, nail holes shall be pre-bored to 3/4 of the nail diameter.
9. Structural nailing shall be with BOX NAILS per all requirements of 2012 NDS. Nailing not specifically indicated shall comply with CCR Title 24, Part 2, Table 2304.9.1. All nails shall be galvanized or other corrosion resistant coating where exposed to weather, in foundations and as noted on plans, per the requirements of CCR Title 24, Part 2, with minimum bending yields per table 11N in NDS. (See nail equivalence below.)
10. Nail equivalence:
    (provide minimum nail lengths as required for specified penetration, TYPICAL: U.N.O.)

    6d equals .113" DIA. - provide 1.36" minimum point penetration
    8d equals .131" DIA. - provide 1.57" minimum point penetration

11. Pressure preservative treatment shall be per Section 2303.1.8, CCR Title 24, Part 2. Provide quality mark on all treated foundation members that comply with CBC 2303.1.8.1. All foundation members shall be marked as "For ground contact" or "For above ground use" as appropriate. Pressure treated material shall comply with AWPA Standard U1 as required by CBC 2303.1.8. Treat all cut ends of pressure treated members with an approved preservative. (Wilsea WIB Copper Green 2% or an approved equivalent). Where noted, members below the sub floor that are not a part of the foundation shall be pressure treated.
12. Only material in contact with ground needs to be pressure treated, all other foundation lumber can be DF or HF#2 or equal.
13. If machine nailing is utilized for this project, contractor shall comply with all requirements of CCR Title 24, Part 2. Machine nailing is subject to approval by the Structural Engineer or Architect and the Division of the State Architect.
14. Fasteners for pressure-preservative treated and fire-retardant treated wood shall comply with Section 2304.9 of CBC.
15. Nails and spikes used in wet or exterior locations shall comply with Section 2304.9.1.1 of CBC.
16. Shim material shall be plywood CD EXP 1 or equal (not pressure treated).
17. Used lumber in good condition is acceptable for use in foundation system.
18. Tie plates shall conform to A-1011 Grade 33.

5.01 SITE INSTALLATION REQUIREMENTS FOR DSA CLASSROOM BUILDINGS:

In the case of equipment located in the State of California, the LESSEE (School District) is responsible for the site being cleared (free of grass, trees, shrubs, etc) and graded to within 4 1/2" of level grade for each building. If the site exceeds the 4 1/2" level grade requirement additional costs may be charged to lessee.

Under no circumstances should the site be greater that 9" from level grade or have less than a **1000 PSF MINIMUM SOIL BEARING PRESSURE.**

Prior to delivery, the lessee shall mark the four corners of the building on the site, including door location. Should special handling be required to either place, install or relocate the classroom on the lessee's site due to site obstruction such as fencing, landscaping, other classrooms, etc., additional costs will be charge to the lessee.

6.01 TEST AND INSTALLATION:

1. Provide Electrical Grounding Test per DSA IR E-1.
2. Field Welding for welded tie plate option. (If used, requires Test and Inspection.)

   The example form DSA 103's shown on this sheet are for illustration purposes only.
   A form DSA 103 is to be completed for each application that this PC is being incorporated into and all example form DSA-103's are to be crossed out on this drawing.
3. No other tests and inspections are required.

1.01 GENERAL REQUIREMENTS:

1. The requirements of the general conditions of the agreement and these General Requirements apply to the several trade sections with the same force as though fully repeated in each section.
2. Name brands are indicated to establish a standard of quality. Items of equal or better quality may be substituted for the listed brand named products.

1.02 SCOPE OF WORK:

1. The work consists of installing on-site, modular Relocatable buildings as defined herein, shown and detailed on the drawings.
2. All requirements of CCR (California Code of Regulation) Title 19 and 24 relating to inspections and verified reports shall be complied with and shall include:
   a) General responsible charge of Field Administration by the Architect of Record.
   b) Inspection during the course of construction by an inspector approved by DSA (Division of the State Architect) and the District Architect. The inspector shall be responsible for and approved to inspect the general construction, welding, mechanical and electrical work. Cost of these inspections shall be borne by the School District.
   c) On site inspection of the building installation, electrical and utility of the building installation or connection by an inspector approved by the DSA and retained by the School District.
   d) Other special tests or inspections as may be required by DSA.
      Cost of these inspections/tests shall be borne by the School District.

1.03 WORK NOT INCLUDED:

1. All on-site or off-site utilities and the connection of them to the building unless indicated on the drawings.
2. All leveling, grading or other site preparation (except concrete or wood leveling strips, where Required) unless otherwise indicated on the drawings.
3. Fire alarm system, program bell, clock, public address system, intercom system, TV system, computer data or any other low voltage system, unless otherwise indicated on the drawings or the lease agreement.

1.04 ACCESSIBILITY OF SITE:
The School District shall provide access to the site for the installation of the building. Removal of trees, shrubs, fencing, sprinklers, etc. necessary for move-in and removal of the buildings shall be the responsibility of the School District.

2.01 SITE ASSEMBLY:

1. Scope of Work: Contractor shall provide all labor, materials and services to prepare the building elements, transport them from the plant to the site and to complete the assembly at the site.
   The condition of the site, such as drainage and soil bearing capacity, shall be the responsibility of the School District and the District Architect.
2. Assembly of Elements:
   a) In a location on the site as determined by the District Architect. The contractor shall place the foundation as detailed on the drawings.
   b) The elements shall be brought to the site on wheel assembly and transferred to the prepared site. Great care shall be taken to avoid damage to the elements by racking or bumping.
   c) Connection of the elements together shall be done according to instructions on the drawings. Flashing, trim and other loose items shall be installed per plans and details of the original building manufacturer's drawings.

DSA
DEPARTMENT OF GENERAL SERVICES

DSA-103 (rev. 02/2007)
Statement of Structural Tests & Special Inspections - 2013 CBC

INCREMENT #: DSA File No.:
Application No.:
Date Submitted: Revised:

School District	SAMPLE for WELD PLATE OPTION ONLY	District

IMPORTANT: This form is only a summary list of structural tests and special inspections required by the project. The actual tests and inspections shall be performed as detailed on the DSA approved documents. The project inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A. NOTE: This form is also available for projects submitted for review under the 2007 and 2010 CBC.

INSTRUCTIONS: Click a plus sign (+) below any category or subcategory to reveal additional tests and special inspections. An "X" below a listed test or inspection indicates it is a mandatory requirement. A shaded box indicates a test or special inspection that may be required, depending on the scope of the construction and other issues. A shaded box can be clicked indicating your selection of that test. Note: A minus (-) on a category or subcategory heading indicates that it can be collapsed. However, any selections you may have made will be cleared. Click on the "COMPLETE" button to show only the tests finally selected. For more information on use of this form, see DSA-103.INSTR.

Note: References are to the 2013 edition of the California Building Code (CBC) unless otherwise noted.

	TEST OR SPECIAL INSPECTION	TEST	CONTINUOUS	PERIODIC	CODE REFERENCE AND NOTES
+	**SOILS**				Table 1705A.9
+	**CONCRETE**				Table 1705A.3
+	**MASONRY**				Table 1705A.4
+	**STEEL**				Table 1705A.2
-	**17. STRUCTURAL STEEL AND COLD-FORMED STEEL, USED FOR STRUCTURAL PURPOSES**				
X	a. Verify that the steel is adequately marked and that identification is in accordance with properties that comply with requirements.			Periodic	*
X	b. Test unidentified materials.	Test	Lab		1705A.3 (2205.1), ASTM A370.
-	**Inspection:**				
X	c. Verify welder qualifications, marking and all details constructed in the field.		Continuous	Pi	
X	d. Verify that the steel elements, connection locations and all connection details have been fabricated in the shop.			Periodic	SI
-	**19. WELDING:**				DSA IR 17-5, AWS D1.1 and AWS D1.3 (AWS D1.3 for cold formed steel).
-	**Verification of Materials, Equipment, Welders, etc:**				
X	a. Verify that the material test reports and identification marks conform to the approved drawings per AWS.			Periodic	SI
X	b. Verify that the welding procedure specifications (WPS) are followed and the WPS is available on the job site.			Periodic	SI
X	c. Verify that the material manufacturer's certificate of compliance is furnished.			Periodic	SI
X	d. Verify welder qualifications and equipment.			Periodic	SI DSA IR 17-5.
-	**19.2 FIELD WELDING**				
X	e. Single-pass fillet welds ≤ 5/16"			Periodic	SI For AISC 360 (and AISC 341 as applicable), DSA IR 17-5.
+	**WOOD**				
+	**OTHER**				

1 Field Welding Inspection: Special Inspection Verified Report - Form DSA-152

KEY to Columns

1 Type -
Continuous – Indicates that a continuous special inspection is required
Periodic – Indicates that a periodic special inspection is required
Test – Indicates that a test is required

2 Performed By -
SI – Indicates that the special inspection is to be performed by a registered geotechnical engineer or his or her authorized representative.
Lab – Indicates that the test or inspection is to be performed by a testing laboratory accepted in the DSA Laboratory Evaluation and Acceptance (LEA) Program. See section 4-335, 2010 CCR, Title 24, Part 1.
Pi – Indicates that the special inspection is to be performed by the project inspector
Pi – Indicates that the special inspection is to be performed by a special inspector

APPLICABLE BUILDING CODES
ALL NEW WORK SHALL COMPLY AND CONFORM TO THE REQUIREMENTS OF THE 2013 CBC

2013 CALIFORNIA CODE OF REGULATIONS (CCR) As of January 01, 2014*
-2013 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE PART 1, TITLE 2
(2012 INTERNATIONAL BUILDING CODE VOLUMES 1-2 WITH 2013 CALIFORNIA AMENDMENTS)

-2013 CALIFORNIA ELECTRICAL CODE (CEC) PART 3, TITLE 24, CCR
(2011 NATIONAL ELECTRICAL CODE WITH 2013 CALIFORNIA AMENDMENTS)

-2013 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24, CCR
(2012 UNIFORM MECHANICAL CODE WITH 2013 CALIFORNIA AMENDMENTS)

-2013 CALIFORNIA PLUMBING CODE (CPC) PART 5, TITLE 24, CCR
(2012 UNIFORM PLUMBING CODE WITH 2013 CALIFORNIA AMENDMENTS)

-2013 CALIFORNIA ENERGY CODE (CEC) PART 6, TITLE 24, CCR*

-2013 CALIFORNIA FIRE CODE PART 9, TITLE 24, CCR
(2012 INTERNATIONAL FIRE CODE WITH 2013 CALIFORNIA AMENDMENTS)

-2013 CALIFORNIA REFERENCED STANDARDS CODE PART 12, TITLE 24, CCR

TITLE 19 CCR-PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS.

DESIGN DATA:

FLOOR LIVE LOAD = 50 PSF, 50 + 20 PSF PARTITIONS, 100 PSF
ROOF LIVE LOAD = 20 PSF REDUCIBLE FOR TRIBUTARY AREA
WIND SPEED =120 MPH (V) (3 SECOND GUST), K zt = 1.0
SNOW LOAD: PROJECT IS NOT LOCATED IN A SNOW REGION.
BUILDING CODES = 2012 IBC AND CBC 2013

SEISMIC DESIGN DATA: **MOMENT FRAME PC'S**
Basic Seismic-Force-Resisting System = STEEL MOMENT FRAME
ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE
Seismic Design Category = E (per CBC Section 1613A.5.6)
Design Base Shear : 30x40 BUILDING = 9460 # (Roof, Floor, Walls & Partitions)
30x60 BUILDING = 14190 # (Roof, Floor, Walls & Partitions)
40x60 BUILDING = 18920 # (Roof, Floor, Walls & Partitions)
I = 1.0 Cas = 0.411 R = 3.5 SITE CLASS = D
Ss = 2.7 mapped value / 0.8 Ss = 2.16 (For Design)
Sds = 1.44 (Site Specific Documentation Justifying SDS Shall Be Submitted To DSA Prior To Approval)
SI = 1.3 per CBC Figure 1613A.5(2) Sds = 1.3
RISK CATEGORY = II

SEISMIC DESIGN DATA: **SHEAR WALL PC'S**
Basic Seismic-Force-Resisting System = WOOD PANEL SHEAR WALLS
ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE
Seismic Design Category = E (per CBC Section 1613A.5.6)
Design Base Shear: 30x40 BUILDING = 9460 # (Roof, Floor, Walls & Partitions)
30x60 BUILDING = 14190 # (Roof, Floor, Walls & Partitions)
40x60 BUILDING = 18920 # (Roof, Floor, Walls & Partitions)
I = 1.0 Cas = 0.322 R = 6.5 SITE CLASS = D p = 1.3
Ss = 2.7 mapped value / 0.8 Ss = 2.16 (For Design)
Sds = 1.44 (Site Specific Documentation Justifying SDS Shall Be Submitted To DSA Prior To Approval)
SI = 1.3 per CBC Figure 1613A.5(2) Sds = 1.3
RISK CATEGORY = II

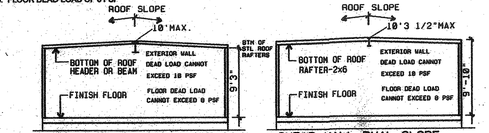
FLOOD DESIGN DATA: Project is not located in a flood zone.

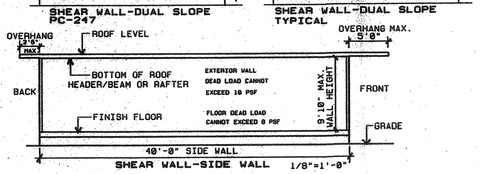
LIMITATIONS FOUNDATION PC ONLY:

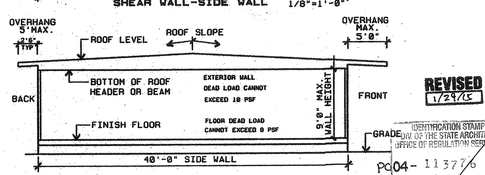
FOUNDATION ONLY PC IS DESIGNED TO SUPPORT THE SUPERSTRUCTURE FOR THE RELOCATABLE BUILDINGS AS LISTED ON THIS DRAWING.

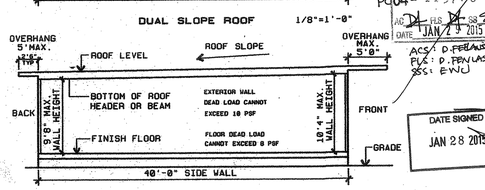
THE DESIGN CALCULATIONS ARE BASED ON THE FOLLOWING:

1. DSA APPROVED STOCKPILE BUILDINGS
2. ROOF OVERHANGS OF 5'-0" MAXIMUM
3. SINGLE SLOPE OR DUAL SLOPE BUILDINGS
   WALL HEIGHT: 9'-0" MAXIMUM ON DUAL SLOPE BUILDING.
   WALL HEIGHT: 10'-4" MAXIMUM ON SINGLE SLOPE BUILDING.
   (HEIGHT DETERMINED FROM FINISH FLOOR IN BUILDING TO BOTTOM OF STEEL ROOF STRUCTURE: BEAMS OR ROOF HEADERS)
   WALL HEIGHT: 9'-10" MAXIMUM ON SHEAR WALL-DUAL SLOPE BUILDING
4. WALL DEAD LOAD OF 10 PSF (NO STUCCO)
5. FLOOR DEAD LOAD OF 8 PSF









TYPICAL ELEVATIONS ARE SHOWN TO CLARIFY FOUNDATION PC ONLY LIMITATIONS DOCUMENTATION SHALL BE PROVIDED BY ENGINEER OF GENERAL RESPONSIBLE CHARGE TO BE REVIEWED AND APPROVED BY THE DSA STRUCTURAL PLAN REVIEWER.

SCOPE OF WORK: DSA FOUNDATION PLANS FOR EXISTING STOCKPILE BUILDINGS FOR CLASS LEASING, LLC.

SHEET INDEX: STOCKPILE BUILDING FOUNDATION– 2013 CODE UPDATE

F1.0	COVER SHEET, BUILDING DATA, STOCKPILE APPROVAL INDEX	
F2.0	24x40 50 PSF	FOUNDATION PLAN AND DETAILS, ADJACENT BUILDING PAD
F2.1	24x40 50+20.PSF	FOUNDATION PLAN AND DETAILS, ADJACENT BUILDING PAD
F3.0	36x40 50 PSF	FOUNDATION PLAN AND DETAILS, ADJACENT BUILDING PAD
F3.1	36x40 50+20 PSF	FOUNDATION PLAN AND DETAILS, ADJACENT BUILDING PAD
F3.2	36x40 100 PSF	FOUNDATION PLAN AND DETAILS, ADJACENT BUILDING PAD
F4.0	48x40 50 PSF	FOUNDATION PLAN AND DETAILS, ADJACENT BUILDING PAD
F4.1	48x40 50+20 PSF	FOUNDATION PLAN AND DETAILS, ADJACENT BUILDING PAD
F4.2	48x40 100 PSF	FOUNDATION PLAN AND DETAILS, ADJACENT BUILDING PAD

SHEET INDEX:
BELOW GRADE CONCRETE FOUNDATION DESIGNED FOR MODTECH BUILDINGS ONLY

C1.0	COVER SHEET, BUILDING DATA, STOCKPILE APPROVAL INDEX	
C2.0	24 x 40 - 50 PSF	CONCRETE FOUNDATION PLAN & DETAILS, ADJACENT BUILDING PAD
C2.1	24 x 40 - 50+20 PSF	CONCRETE FOUNDATION PLAN & DETAILS, ADJACENT BUILDING PAD
C3.0	36 x 40 - 50 PSF	CONCRETE FOUNDATION PLAN & DETAILS, ADJACENT BUILDING PAD
C3.1	36 x 40 - 50+20 PSF	CONCRETE FOUNDATION PLAN & DETAILS, ADJACENT BUILDING PAD
C3.2	36 x 40 - 100 PSF	CONCRETE FOUNDATION PLAN & DETAILS, ADJACENT BUILDING PAD
C4.0	48 x 40 - 50 PSF	CONCRETE FOUNDATION PLAN & DETAILS, ADJACENT BUILDING PAD
C4.1	48 x 40 - 50+20 PSF	CONCRETE FOUNDATION PLAN & DETAILS, ADJACENT BUILDING PAD
C4.2	48 x 40 - 100 PSF	CONCRETE FOUNDATION PLAN & DETAILS, ADJACENT BUILDING PAD

ADJACENT BUILDINGS: ONLY THOSE BUILDINGS MANUFACTURED BY THE SAME COMPANY MAY BE PLACED ADJACENT TO EACH OTHER

CLASS LEASING-APPROVED STOCKPILE A NUMBERS FOR THIS FOUNDATION PC

BUILDING DATA - 24 x 40 SHEAR WALL

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP 1029	60643	SHR	10-21-1988	24 x 40	50+20#	MODTECH
STKP 02	62914	49138-SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 01	62913	49140-SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 03	62914	SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 05	62916	45490-SHR	11-06-1989	24 x 40	50#	AURORA
STKP 04	62918	SIM PC 28-SHR	12-07-1989	24 x 40	50#	MODTECH
STKP 22	68113	PC 95	10-05-1990	24 x 40	50#	MODTECH
STKP 24	68867	PC 96	06-14-1994	24 x 40	50#	MODTECH
STKP 13	61957	PC 247	06-29-1994	24 x 40	50#	MODTECH
STKP 06	62976	PC 247	11-10-1997	24 x 40	50#	MODTECH

BUILDING DATA - 24 x 40 RIGID FRAME

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP 11	55034	MBS	05-15-1991	24 x 40	50+20#	MODTECH
STKP 20	55031	PC 79	09-16-1990	24 x 40	50#	MODTECH
STKP 21	56032	PC 79	09-19-1990	24 x 40	50#	MODTECH
STKP 23	55047	PC 79	11-26-1990	24 x 40	50#	MODTECH
STKP 8W	57194	PC 79	11-05-1991	24 x 40	50+20#	MODTECH
STKP 14	57679	PC 79	03-19-1992	24 x 40	50#	MODTECH
STKP 16	63288	PC 243	05-04-1995	24 x 40	50#	MODTECH
STKP 19	63321	PC 242	06-07-1995	24 x 40	50#	MODTECH
STKP 27	65493	PC 286	07-31-1996	24 x 40	50#	MODTECH
STKP 31	66318	PC 286	11-12-1996	24 x 40	50+20#	MODTECH
STKP 33	67333	PC 286	03-11-1997	24 x 40	50#	MODTECH
STKP 35	04-100417	PC 286	01-15-1998	24 x 40	50+20#	MODTECH
STKP 39	04-100995	PC 275	08-10-1998	24 x 40	50+20#	MODTECH
STKP 37	04-100998	PC 286	08-10-1998	24 x 40	50+20#	MODTECH
STKP 40	04-100880	PC 282	08-03-1998	24 x 40	50+20#	MODTECH
STKP 42	04-100929	PC 286	01-07-1999	24 x 40	50+20#	MODTECH
STKP 43	04-101602	PC 286	09-30-1999	24 x 40	50#	MODTECH
STKP 48	04-101768	PC 101268	12-16-1999	24 x 40	50#	MODTECH
STKP 51	04-102015	PC 101268	03-16-2000	24 x 40	50# /*50+20#	MODTECH
STKP 53	04-102365	PC 101268	07-06-2000	24 x 40	50+20#	MODTECH
STKP 56	04-102944	PC 101268	12-21-2000	24 x 40	50#	MODTECH
STKP 62	04-104169	PC 101268	04-19-2002	24 x 40	50+20#	MODTECH
STKP 67	04-104912	PC 101268	12-06-2002	24 x 40	50+20#	MODTECH
STKP 70	04-105299	PC 102894	06-22-2003	24 x 40	50+20#	MODTECH
STKP 75	04-110431	PC 04-105337	06-06-2006	24 x 40	50#	MODTECH
STKP 76	04-105455	PC 04-104795	06-12-2003	24 x 40	50#	MODTECH
STKP 78	04-109200	PC 106884	04-25-2007	24 x 40	50#	CURRENT/SMI
STKP 107	65965	PC 266	05-24-1996	24 x 40	50#	MODTECH
STKP 109	68341	PC 275	05-20-1998	24 x 40	50#	MODTECH
STKP 110	04-100118	PC 04-100073	01-15-1998	24 x 40	50#	MISI
STKP 111	04-101984	PC 04-101419	03-08-2000	24 x 40	50#	MODTECH
STKP 112	04-102005	PC 04-101419	03-21-2002	24 x 40	50#	MODTECH
STKP 113	04-104310	PC 04-101419	06-02-2002	24 x 40	50#	MODTECH
STKP 114	04-105455	PC 04-104795	07-17-2003	24 x 40	50#	MODTECH
STKP 130	04-101527	PC 270	09-13-1999	24 x 40	50# /50+20#	MODTECH
STKP 131	04-104946	PC 04-101419	01-23-2003	24 x 40	50# /50+20#	MODTECH

BUILDING DATA - 36 x 40 RIGID FRAME

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP SW	57194	PC 79	11-08-1991	36 x 40	70#	MODTECH
STKP 32	66319	PC 286	11-12-1996	36 x 40	50+20#	MODTECH
STKP 34	67332	PC 286	03-11-1997	36 x 40	50+20#	MODTECH
STKP 45	04-101618	PC 101268	10-07-1999	36 x 40	50+20#	MODTECH
STKP 61	04-104121	PC 04-102015	09-12-2013	36 x 40	50+20#	MODTECH
STKP 57	04-103097	PC 101268	03-01-2001	36 x 40	50#	MODTECH
STKP 68	04-104441	PC 101268	07-11-2002	36 x 40	50+20#	MODTECH
STKP 71	04-105419	PC 104891	07-29-2004	36 x 40	50+20#	MODTECH
STKP 73	04-108885	PC 101268	03-01-2007	36 x 40	100#	MODTECH
STKP 88	04-111101	PC 79	06-03-2010	36 x 40	50+20#	MODTECH
STKP 104	04-113668	A-59118	05-07-2014	36 x 40	50+20#	MODTECH

BUILDING DATA - 48 x 40 RIGID FRAME

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP SW	57194	PC 79	11-08-1991	48 x 40	100#	MODTECH
STKP SW	57194	PC 79	11-08-1991	48 x 40	70#	MODTECH
STKP 17	63259	PC 243	05-04-1995	48 x 40	50+20#	MODTECH
STKP 41	04-100797	PC 266	10-22-1998	48 x 40	50+20#	MODTECH
STKP 46	04-101617	PC 101268	10-07-1999	48 x 40	50+20#	MODTECH
STKP 63	04-104170	PC 101268	04-18-2002	48 x 40	50+20#	MODTECH
STKP 96	04-113418	PC 79/87194	01-30-2014	48 x 40	50+20#	MODTECH
STKP 106	04-113564	PC 04-101268	04-10-2014	48 x 40	50+20#	MODTECH

REVISED 1/29/15

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC04-113776
AC. DL FLS SS 2
DATE JAN 29 2015
ACS: D.PEÑALOSA
PLS: D.PEÑALOSA
SSS: E.NU

DATE SIGNED SEP 30 2019

REGISTERED PROFESSIONAL ENGINEER JAMES T. SIMPSON No. 17966 STRUCTURAL STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2015

DATE SIGNED JAN 28 2015

REGISTERED PROFESSIONAL ENGINEER JAMES T. SIMPSON No. 3602 STRUCTURAL STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2018

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
113776
DATE

PRE-CHECK (PC) DOCUMENT
CODE: 2013 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-113776
AC. DL FLS SS
DATE OCT 08 2014
ACS: D.PEÑALOSA
PLS: D.PEÑALOSA
SSS: E.NU

STOCKPILE CLASSROOM
RELOCATION FOUNDATION PLAN & DETAILS

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R58

REVISIONS	BY
1 JAN 2015 ADD STKP 130/#131 & NOTE ASSIGNED TO C1.0	CLS

CLASS LEASING LLC

Class Leasing, LLC
1221 Harley Knox Blvd. Perris, CA. 92571-7408
VOICE (951)943-1908 FAX (951)943-5768

CLASS LEASING, LLC. PC
FOUNDATION PLANS AND DETAILS
STOCKPILE CLASSROOMS RELOCATION

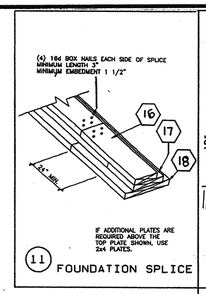
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JOB	
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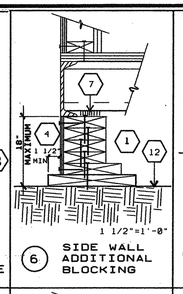
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FILE NO. 15-6

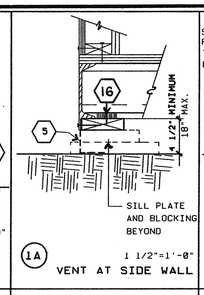
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DATE SEP 30 2019



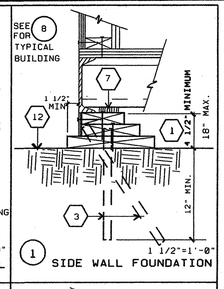
11 FOUNDATION SPLICE



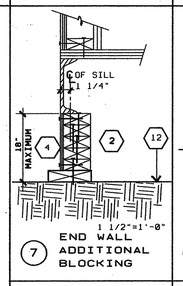
6 SIDE WALL ADDITIONAL BLOCKING



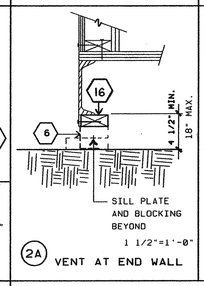
1A VENT AT SIDE WALL



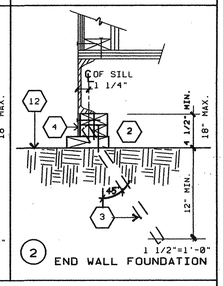
1 SIDE WALL FOUNDATION



7 END WALL ADDITIONAL BLOCKING



2A VENT AT END WALL

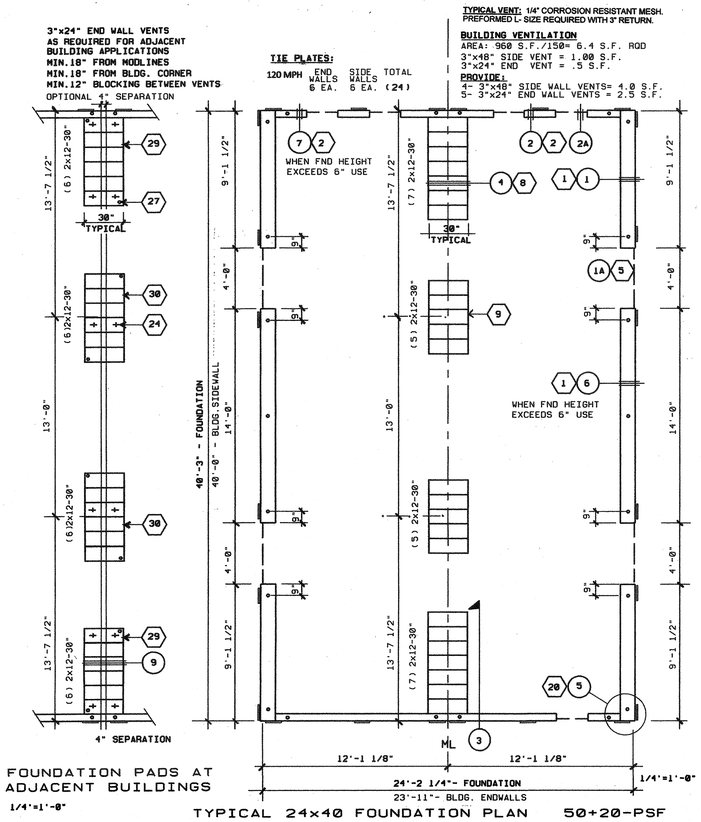


2 END WALL FOUNDATION

TYPICAL: NAILING (1) 16d BOX AT 4" O.C.

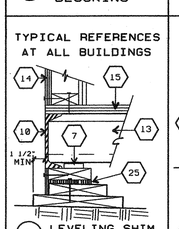
TYPICAL: PLATE TO PLATE, PLATE TO BLOCK, BLOCK TO BLOCK, BLOCK TO PLATE,

MINIMUM 6-16d PER BLOCK OR PLATE

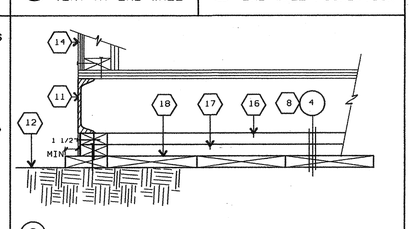


FOUNDATION PADS AT ADJACENT BUILDINGS
1/4"=1'-0"

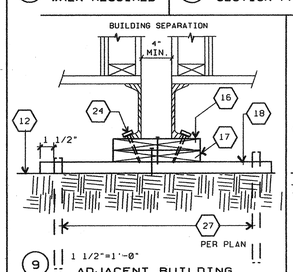
TYPICAL 24x40 FOUNDATION PLAN 50+20-PSF



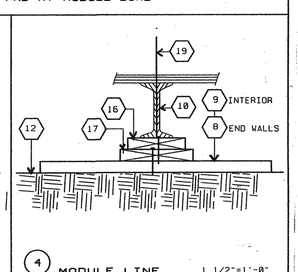
8 LEVELING SHIM WHEN REQUIRED



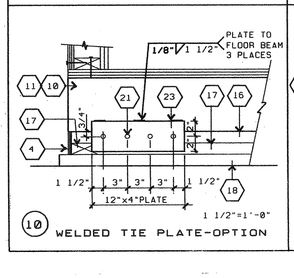
3 SECTION FND AT MODULE LINE



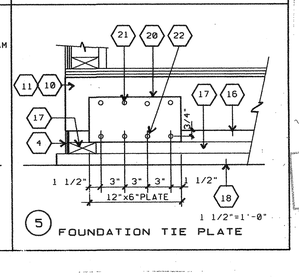
9 ADJACENT BUILDING



4 MODULE LINE 1 1/2"=1'-0"



10 WELDED TIE PLATE-OPTION



5 FOUNDATION TIE PLATE

KEY NOTES 24x40- 50+20 PSF FLOOR LOAD

FOUNDATION AT SIDE WALL

1 **TOP PLATE:** 2x6 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: 2x12 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A.

FOUNDATION AT END WALL

2 **TOP PLATE:** 2x4 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x4 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: 2x6 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A.

3 SILL RESTRAINT- PIPE TO GRADE (TYP) SEE GENERAL NOTE #A

4 SKIRTING: 3/8" PLYWOOD, ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C. AT END WALLS AND 6" O.C. AT SIDE WALLS, FIELD NAILING 12" OC

5 SIDEWALL VENT: 3" HIGH BY 4'-0" LONG. INSTALL UNDER SKIRTING.
SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 6" O.C.

6 ENDWALL VENT: 3" HIGH BY 2'-0" LONG. INSTALL UNDER SKIRTING.
SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C.

7 SHIM: 5/8" X 2 1/2" WHEN REQUIRED

FOUNDATION AT MOD LINE / END WALL

8 **TOP PLATE:** 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (7) 2x12x30" (PT)

FOUNDATION AT MOD LINE / INTERIOR WALL

9 **TOP PLATE:** 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (5) 2x12x30" (PT)

10 FLOOR BEAM: C7x 9.8 TYPICAL

11 FLOOR HEADER: C7x 9.8 TYPICAL

12 FINISH GRADE

13 FLOOR JOIST

14 EXTERIOR FINISH

15 PLYWOOD SUB-FLOOR

16 TOP PLATE: CONTINUOUS

17 BLOCKING

18 SILL PLATE

19 MODLINE--

20 TIE PLATE: 12" x 6" x10 GA

21 PLATE ANCHOR: 4 -1/4" ϕ S.M.S. (1 1/2" MIN. EMBEDMENT)

22 PLATE ANCHOR: 4 -1/4" x 2" LONG LAG SCREWS (1 1/2" MIN. EMBEDMENT)

23 TIE PLATE: 12" x 4"x 10 GA

24 BUILDING ANCHORAGE: 6- 5/8"x4" LAGS SCREWS AT EACH BUILDING (FOR LOCATION SEE PLAN AT ADJACENT BUILDINGS)

25 LOCATION OF SHIM PLATES WHERE REQUIRED FOR LEVELING USE 1/4", 1/2" OR 3/4" PLYWOOD AT SAME WIDTH AS PLATE. NAIL SHIM TO PLATE WITH (6)-10d BOX.

26 2" CUTOUT OF SILL PLATE FOR DRAINAGE. FIELD TO LOCATE AT LOWEST CORNER OF FOUNDATION.

27 1" PIPE EACH END OF PAD AT ADJACENT BUILDING LINE.

28 THIS VENT TO BE LOCATED UNDER LANDING.
PROVIDE EQUAL AREA SCREENED VENTILATION IN LANDING SKIRT.

FOUNDATION AT BUILDING SEPARATION / END WALL

29 **TOP PLATE:** 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (6) 2x12x30" (PT) WITH SILL RESTRAINT PER PLAN AND NOTE 24.

FOUNDATION AT BUILDING SEPARATION / INTERIOR WALL

30 **TOP PLATE:** 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
SILL PLATE: (6) 2x12x30" (PT) WITH SILL RESTRAINT PER PLAN AND NOTE 24.

GENERAL NOTES

A. **SILL RESTRAINT:** THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE (ASPHALT CONCRETE PAVING OR ON SOIL OR ON PRE-DRILLED CONCRETE SLAB ON GRADE) BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMPS AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES.

USE A ONE-INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL O.D.) HOT DIPPED GALVANIZED PIPE OR ONE-INCH DIAMETER SOLID STEEL ROD SPACED AT NOT MORE THAN 10'-0". ONE PIPE/ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPES/RODS PER DISCONTINUOUS FOUNDATION STRIP.

PIPES TO PENETRATE INTO SOIL AND OR PAVING A MINIMUM OF 12" MEASURED VERTICALLY. 18-1/2" LONG PIPE REQUIRED FOR PENETRATION AT A 45 DEGREE ANGLE.

B. TO PREVENT WATER FROM PONDING BENEATH THE STRUCTURE VERIFY DRAINAGE WITH DISTRICT ARCHITECT SITE PLANS.

C. A **WOOD SILL (FOOTING) PLATE** SHALL BE PRESSURE TREATED HEM FIR OR DOUG FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE. GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING (BY DISTRICT). THE WOOD SILL (FOOTING) PLATE MAY SUPPORT WOOD CRIPPLE STUDS, POSTS OR CONTINUOUS BLOCKING AND SHEATHING (SKIRT) WHICH NEED NOT BE TREATED. FOUNDATION LUMBER TO BE PRECUT AT FACTORY, LUMBER AND PRESSURE TREATING TO BE VERIFIED BY THE INSPECTOR

D. **FOUNDATION DESIGNED FOR 1000 PSF SOIL BEARING PRESSURE**

E. THIS FOUNDATION PLAN HAS 1/4" ADDED AT EACH MODLINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN DIMENSIONS, THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.

F. MACHINE APPLIED 16d FASTENERS SHALL HAVE AN EMBEDMENT OF NOT LESS THAN 1 1/2" INTO SECOND MEMBER, AND SHALL BE NOT LESS THAN 3 1/2" IN OVERALL LENGTH

G. THE ABOVE NAILS SHALL ALSO BE ACCEPTABLE FOR HAND NAILING PROVIDED THE REQUIRED EMBEDMENT IS MAINTAINED.

PRE-CHECK (PC) DOCUMENT
CODE: 2013 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

DATE SIGNED SEP 30 2014

REGISTERED PROFESSIONAL ENGINEER JAMES L. SIMPSON No. 3692 STRUCTURAL STATE OF CALIFORNIA

LICENSE EXPIRES 6-30-2016

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-113776
AC FLS SS
DATE: OCT 08 2014

REVISIONS	BY

CLASS LEASING LLC

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1221 Hatley Knox Blvd. Perris, CA 92571-7408
VOICE (951)943-1908 FAX (951)943-5768

CLASS LEASING, INC.
STOCKPILE CLASSROOM
24x40 - 50+20 PSF RELOCATION
FOUNDATION PLAN & DETAILS

DATE 09-29-2014
SCALE
DRAWN LAM-CLLS
JOB 24x40 50+20 PSF
SHEET F2.1

24x40 - 50+20 PSF STOCKPILE CLASSROOM RELOCATION FOUNDATION PLAN & DETAILS

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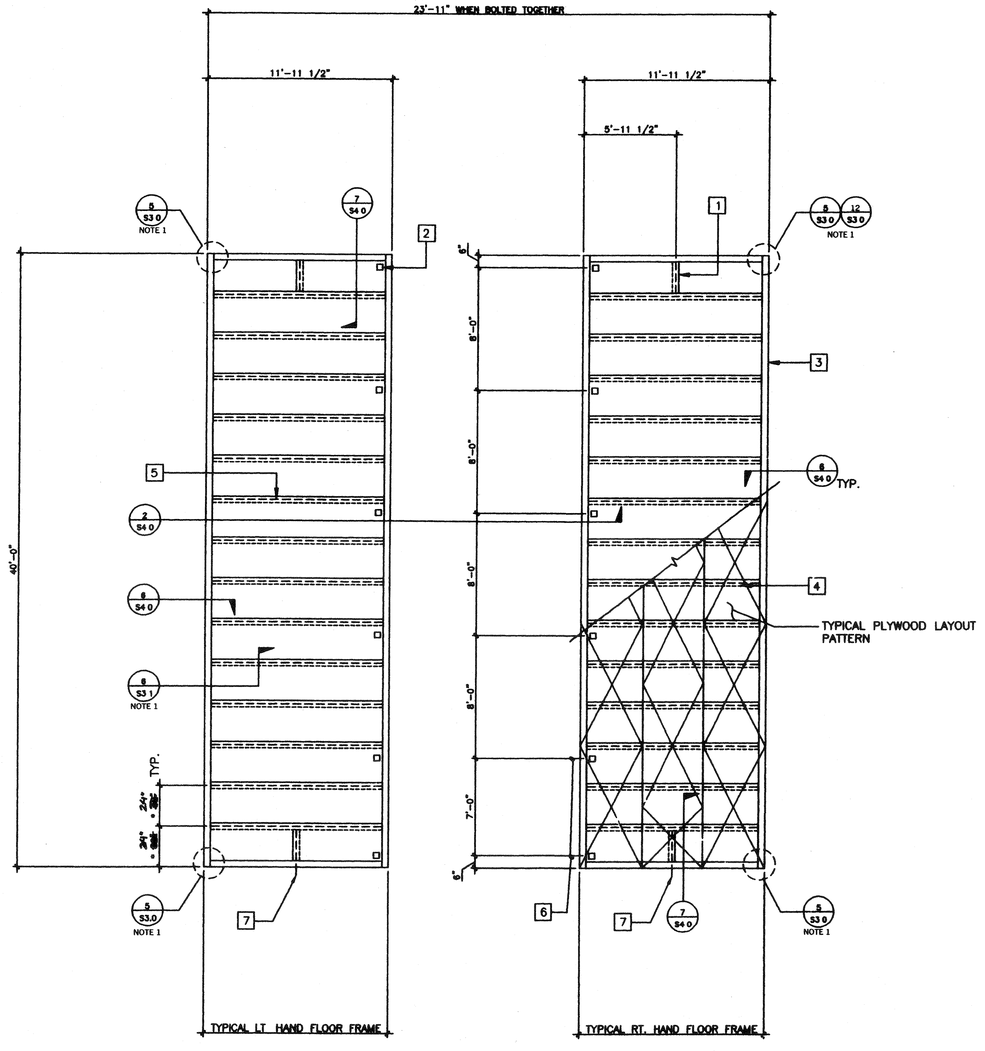
R58

DATAPRINT CORP. 700 SO. CLAREMONT ST. SAN MATEO, CA. 94402

STOCKDRAFTING FORM NO. 101-04

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* SEE FLOOR JOIST TABLE FOR APPROPRIATE SPACING PER JOB.

FLOOR JOIST TABLE	
LIVE LOAD	⊓ 6 3/8"X2 1/2" 12GA
50 P.S.F. W/ 20 P.S.F. PARTITIONS	24" O.C.
[illegible] CONDITION	[illegible]

KEY NOTES

1. ⊓ 6 3/8 X 2 1/2 X 12GA. BLOCKING AT MIDSPAN OF FLOOR HDR. TYPICAL
2. 5" ø HAND HOLES AT BOLT BM TO BM (12 PLACES)
3. C 7X9.8 PERIMETER CHANNEL (TYPICAL)
4. PLYWOOD FLOOR SHEATHING: APA PS 1-83 1 1/8" THICK, STURD-I-FLOOR W/48" O.C SPAN RATING. ATTACHED W/#10 X 1 3/4" SELF-TAPPING FLAT HEAD SCREWS AT 6" O.C. TO PERIMETER FRAME, AEROSMITH AKN 144.0175 DRIVE PINS AT 6" O.C SUPPORTED EDGES AND 6" O.C. FIELD TO JOIST. (TYPICAL)
5. 6 3/8 X 2 1/2 X 12GA. FLOOR PURLIN @ 32" O.C.
6. TYPICAL BOLT HOLE LOCATION (SEE FOUNDATION DETAILS)
7. 11/16" ø HOLE @ MID-DEPTH FOR HANDLING

NOTES

1. FOR MONO PITCH ROOF BLDG'S SEE SA3.0, SA3.1

END MODULES FRAMING PLAN

SCALE 1/4"=1'-0"

FLOOR LIVE LOAD - 50 PSF + 20 PSF PARTITION

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04 100929
AC FLS SS JP
DATE JAN 07 1999

4012-088

STKPC 4/24/98

FILE # PC266 SA10.DWG

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architects Seal	Division of the State Architect
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2					
3					
4					
5					

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

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PROJECT NUMBER: 2986

drawn by:
date: 05 JAN 99
checked by:
date:
Modtech project no 2986
MODTECH Index No.

FLOOR FRAMING PLAN

SA1.0

PROJECT NO.

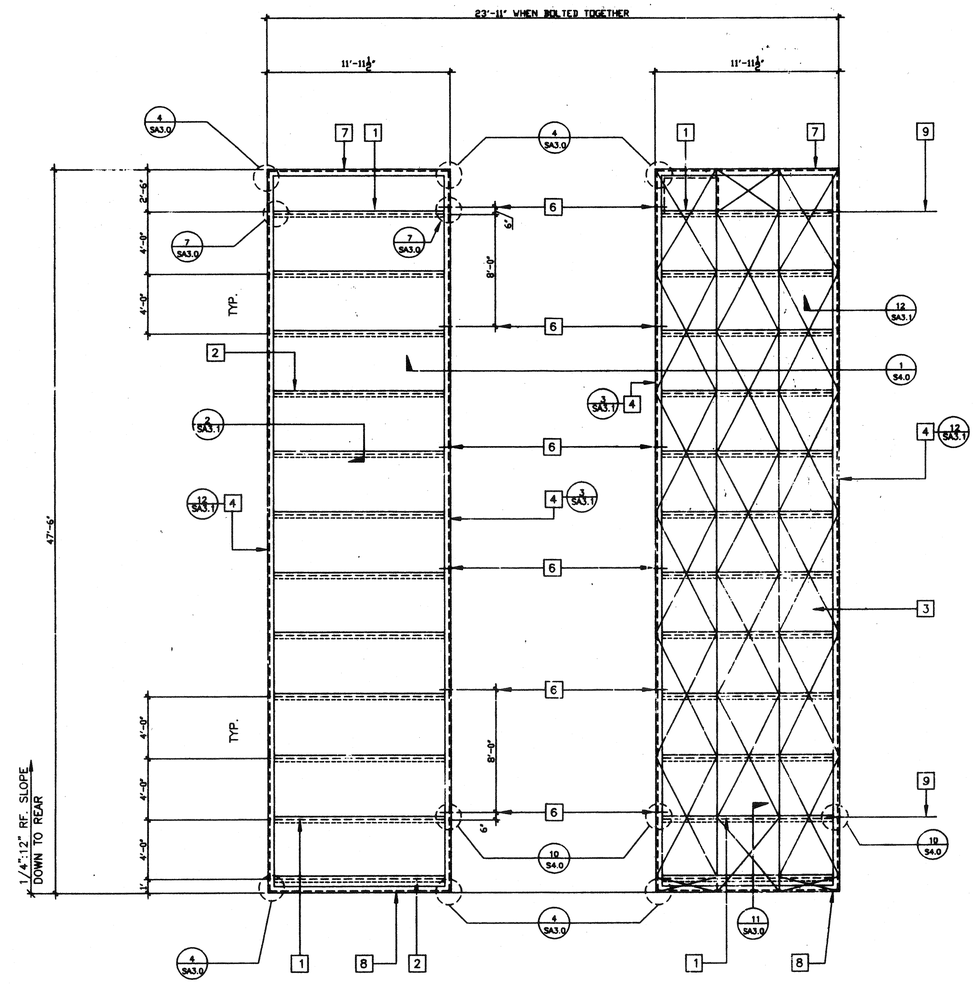
PC-266

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FILE NO. 15-6

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03-120134
AC. FLS SS.
DATE SEP 30 2019

REAR



LT HAND FRAME

RT HAND FRAME

FRONT

KEY NOTES

1. C 14 X 12GA. ⊏ HEADER
2. ⊏ 4 X 3 X 12 GA.
3. PLYWOOD ROOF SHEETING 3/4" CD EXPOSURE 1 P.I.I 48/24 PSI-83 PLYCLIPS AT 16" O.C. LONG EDGES. #10-1-1/4" SELF TAPPING FLAT HEAD SCREWS AT 6" O.C. TO PERIMETER FRAME. AEROSMITH AKN 144.0175 DRIVE PINS AT 6" O.C. AT SUPPORTED EDGES AND 6" O.C. FIELD TO PURLINS. PLYWOOD PATTERN SHOWN IS TYPICAL THRU OUT. *(ALTERNATE: USE AEROSMITH AKN 144.0175 DRIVE PINS AT 6" O.C. PERIMETER)
4. TAPERED ROOF BEAM 10GA. ⊏ SEE 7/S3.1
5. NOT USED
6. 11/16ø DRILL SEE DETAIL 1/S4.0
7. ⊏ 13 3/8"X14GA. FACIA @ 2' OVERHANG
8. ⊏ 10" X 12 GA. ROOF FASCIA @ 5 OVERHANG
9. E.N. THIS LINE
10. 8"x3 1/2" x 14 GA. ROOF OVERHANG BEAM

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DATE JAN 07 1999

MONO ROOF FRAMING PLAN

SCALE 1/4"=1'-0"

STKP-42M 11/24/98

REVISED

REVISIONS					
1					
2					
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4					
5					

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal — LICENSE EXPIRES 6-30-2000

Architects Seal — LICENSED ARCHITECT — No. C 2936 — REN. 8-30-99 — STATE OF CALIFORNIA

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MODTECH INC.
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PROJECT NUMBER: 2986

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drawn by: 4012-088
date: 05 JAN 99
checked by:
date:
Modtech project no: 2986
MODTECH Index No:

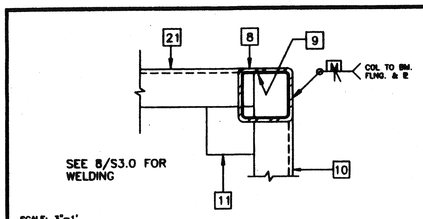
ROOF FRAMING PLAN

SA2.0

R58

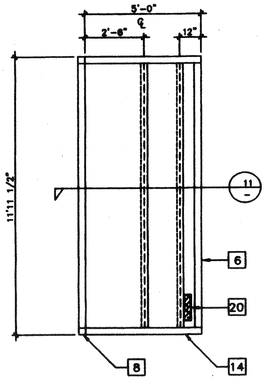
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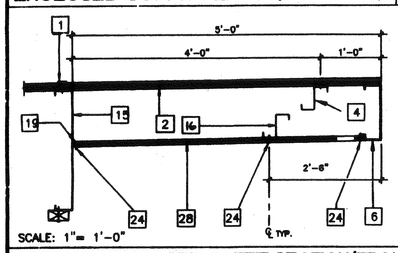
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COLUMN AT FLOOR | 9



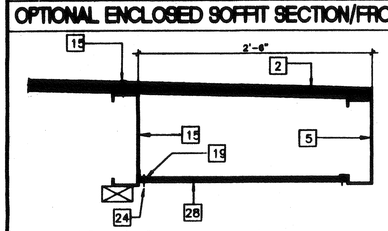
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ENCLOSED SOFFIT PLAN - (OPTIONAL) | 10



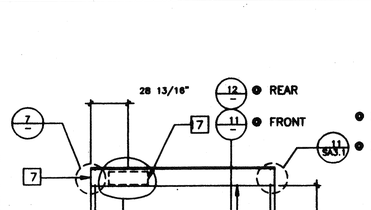
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OPTIONAL ENCLOSED SOFFIT SECTION/FRONT

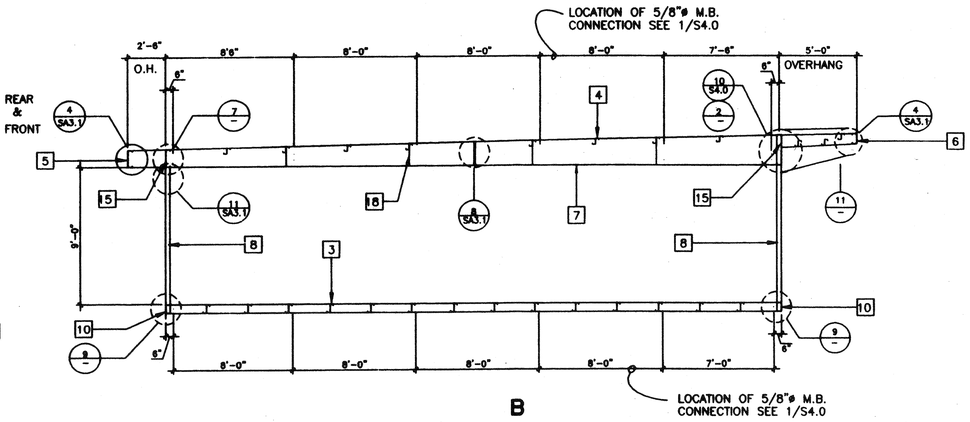


SCALE:1 1/2" = 1'-0"

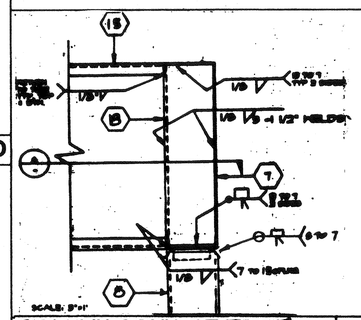
OPTIONAL ENCLOSED SOFFIT SECTION/REAR | 11



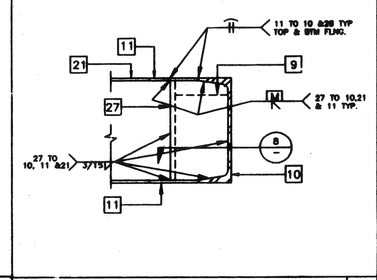
A
SECTION AT ENDWALL



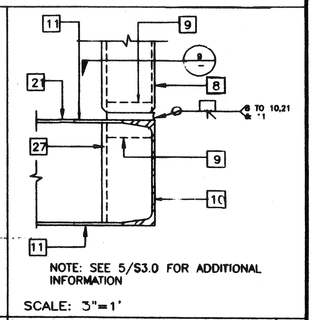
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SECTION AT SIDEWALL



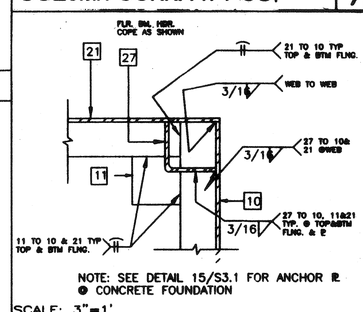
COLUMN CONN. AT ROOF | 7

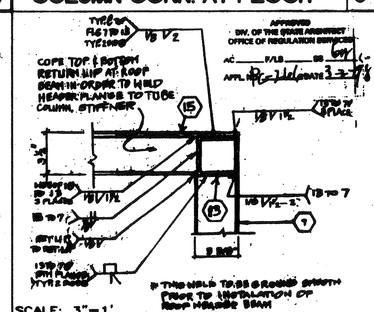


COLUMN CONN. AT FLOOR | 5

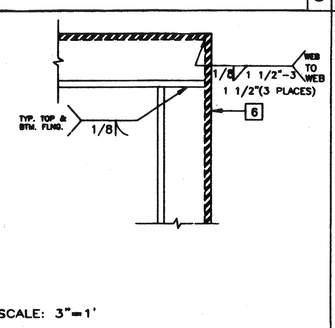


COLUMN CONN. AT FLOOR | 1





REVISED
STKP-42M 11/24/98



PLAN AT ROOF OVERHANG | 4

| 3

| 2

KEY NOTES

1. EN ø PLYWOOD EDGES
2. PLYWOOD ROOF SHEATHING
3. 6 3/8"X2 1/2"X12GA. FLR. JOIST 6/S3.1
4. 6 X 2 1/2"X 14 GA. ROOF PERLIN 16/S3.1 FOT ALT. ROOF PERLIN SEE 2/S3.1
5. [13 3/8"X3 1/2"X14GA. FASCIA 4/S3.1
6. [8" X 2" X 14 GA. FASCIA 4/S3.1
7. 10 GA. TAPERED ROOF BEAM 13 3/8" TO 24" SEE 12/S3.1 REFER TO RF. FRAMING PLAN
8. 3 1/2"X3 1/2"X1/4" COLUMN
9. BACK-UP PLATE MIN. 10 GA.
10. [7X9.8 FLOOR CHANNEL
11. 3 1/2"X3 1/2"X1/4" STEEL PLATE WELDED FLUSH TO TOP AND BOTTOM OF CHANNEL FLANGES
12. NOT USED
13. SECTION OF 3 1/2"X3 1/2"X1/4" TUBE STEEL COPE TO FIT ROOF BEAM
14. NOT USED
15. [24" X3 1/2" X12 GA.HEADED FRONT
    [14"X3 1/2"X12GA. HEADER REAR
    (SEE 1/S3.1 TYP. 2)
16. "Z" STIFFENER @ SOFFIT CLOSURE.
17. LOCATION OF HVAC
18. 1/4" FULL DEPTH STIFFNER PLATE AT 8'-0" O.C. U.N.O. ALIGN WITH PURLIN
19. 1/2"X 1 1/2"X 14 GA.< TACK WELD IN PLANT
20. SCREENED VENT OPENING (4"X14")
21. [7X9.8 FLOOR HEADER
22. NOT USED
23. NOT USED
24. #10 STSMS @ 6" O.C. TYP. @ EN & 12" O.C F.N. (ALT. AEROSMITH AKN 144.0175 DRIVE PIN)
25. NOT USED
26. NOT USED
27. 3 1/2"X3 1/2"X1/4" ANGLE IRON CUT TO FIT FLOOR BEAM
28. SOFFIT PLYWOOD (OPTIONAL)

(MONO SLOPE)

FILE # P266 SA3.0.DWG

REVISIONS			
1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal
LICENSE EXPIRES 6-30-2000

Architects Seal
LICENSED ARCHITECT GEORGE C. ENYEDY REN. 9-30-99 STATE OF CALIFORNIA

Division of the State Architect
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
PC-266
AC FLS SS
DATE JUL 16 1997

MODTECH

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PROJECT NUMBER 2986

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drawn by: 4012-088
date:
checked by: 05 JAN 99
date:
modtech project no: 2986

MODTECH index No.

STRUCTURAL ELEVATIONS/DETAILS

SA3.0

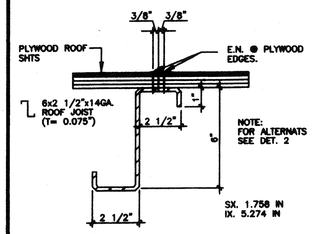
PROJECT NO. 2986

PC-266

R58

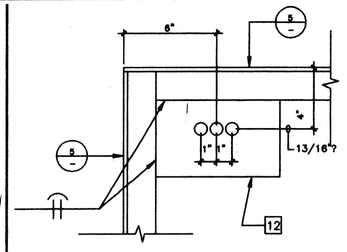
AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

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03-120134
AC. FLS. SS.
DATE SEP 30 2019



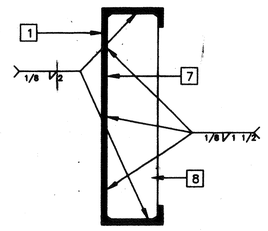
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ROOF PURLIN 16



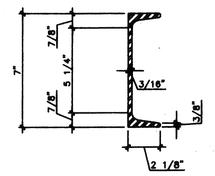
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ANCHOR PLATE AT CONC. FOUND. 12



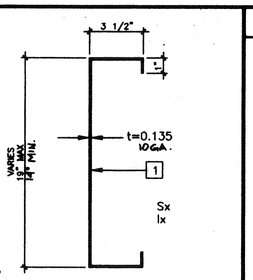
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BEAM SPLICE W/STIFFENER 9



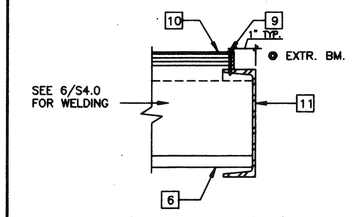
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FLOOR BEAM C7X9.8 5



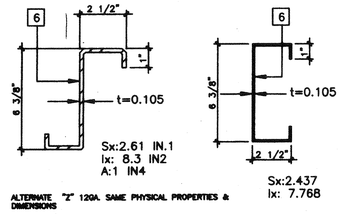
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TAPERED ROOF BEAM 1



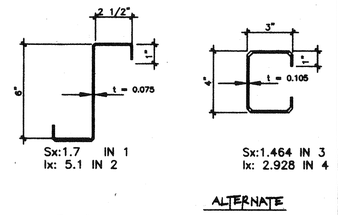
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FLOOR AT FLOOR BEAM 10



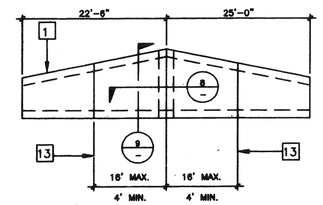
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FLOOR JOIST 6



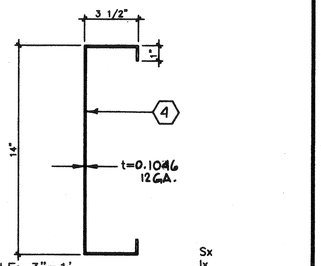
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ROOF PURLIN 2



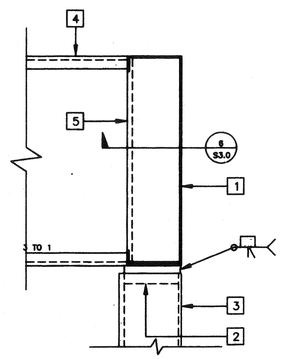
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FASCIA AT SIDEWALL 7



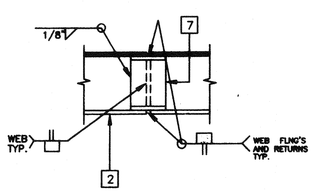
SCALE: 3"=1'

ROOF HEADER AT MODLINE 3



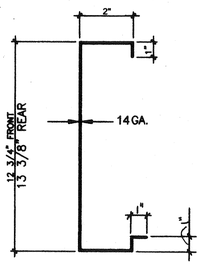
SCALE: 3"=1' REVISED

COLUMN CONN. AT ROOF 11



SCALE: 3"=1'

BEAM SPLICE 8



SCALE: 3"=1'

FASCIA AT OVERHANG 4

KEY NOTES

1. 10GA. TAPERED RF. BM. SEE 7/S3.1
2. BACK-UP PLATE MIN. 10GA.
3. 3 1/2"X3 1/2"X1/4" COLUMN
4. [14"X12GA. RF. HDR. SEE 3/S3.1
5. 3 1/2"X3 1/2"X1/4" TUBE COPE TO FIT RF. BM.
6. FLOOR JOIST SEE 6/S3.1
7. 10GA. BENT PLATE BACK-UP
8. 1/4" STIFFENER
9. #10 STSMS @ 6" O.C. (SEE S1.0)
10. PLYWOOD FLR. SHEATHING
11. FLOOR BEAM SEE 5/S3.1
12. 5"X8"X1/4"?
13. ADDITIONAL SPLICE LOCATION (OPTIONAL)

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DATE JAN 07 2005

STKP-42D

FILE # P266 S31.DWG

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architects Seal	Division of the State Architect	MODTECH INC.	PROJECT NUMBER:	© MODTECH, INC. 1997
1			REGISTERED PROFESSIONAL ENGINEER JAMES T. SMALLWOOD No. 3002 RELIANCE STRUCTURAL ENGINEER STATE OF CALIFORNIA LICENSE EXPIRES 6-30-2000		IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC 266 AC. FLS. SS. DATE JUN 25 1997	2830 BARRETT AVENUE PERRIS, CALIF. 92572 PH (909) 943-4014 FAX (909) 940-0427	STRUCTURAL DETAILS	drawn by: date: 4012-088 checked by: 05 JAN 99 date: bloqtech project no: MODTECH Index No. S3.1
2								
3								
4								
5								

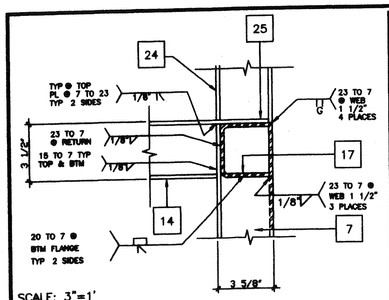
PROJECT NO. 2986
PC-266

R58

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

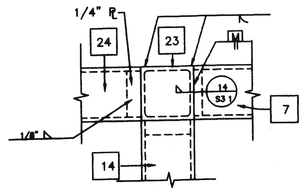
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DATE SEP 30 2019

FILE # P286 S40.DWG



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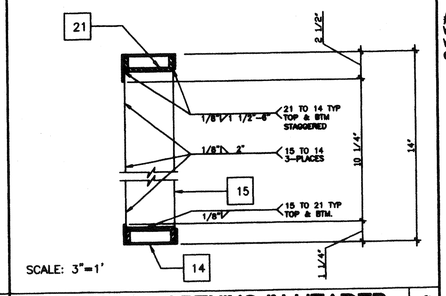
COLUMN SECTION 11



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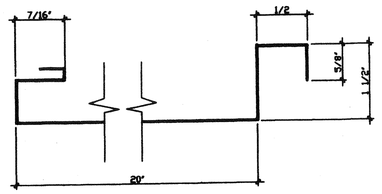
COLUMN CAP PLATE 12

8



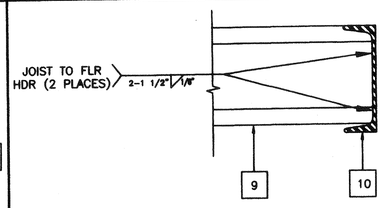
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MECH. DUCT OPENING IN HEADER 4



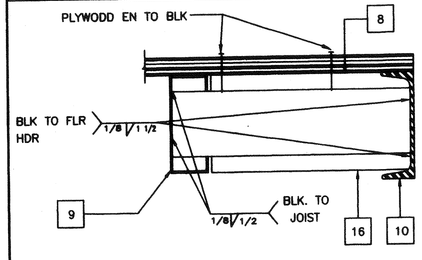
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ROOF PAN 5



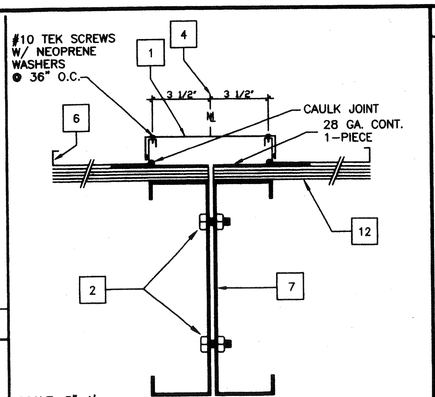
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FLOOR FRAME/JOIST TO BEAM 6



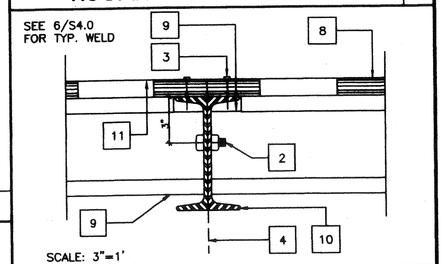
SCALE: 3"=1' REVISED

BLOCK AT MIDSPAN 7



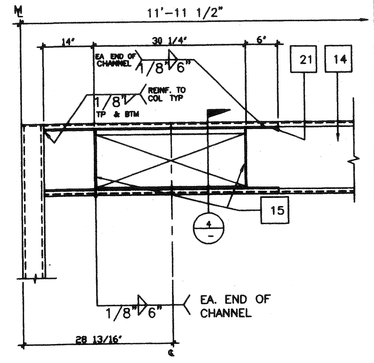
SCALE: 3"=1'

ROOFING AT MODLINE 1



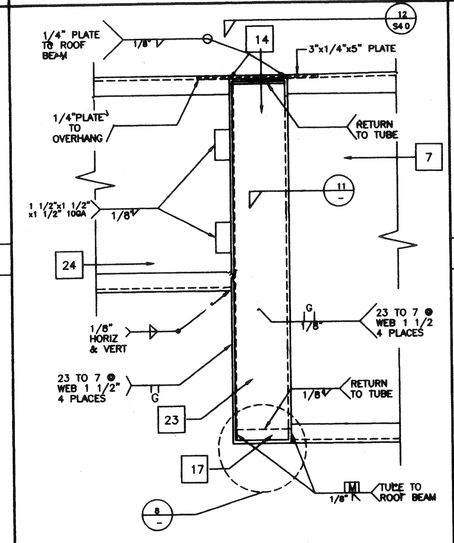
SCALE: 3"=1'

MODULE JOINT AT FLR. 2



SCALE 1"=1'

ELEVATION-OPENING 3



SCALE. 3"=1'

ROOF HEADER AT FRONT OVERHANG MONO PITCH 10

KEY NOTES

1	CAP CLOSURE @ RIDGE 26GA. GALV. W/#10 TYPE FASTENERS W/NEOPRENE WASHERS TO RIB BOTH SIDES OF MODLINE. SET CAP IN SEALANT SEE DETAIL–
2	5/8" M.B. A307 MODULE JOINT (SEE STRUCTURAL PLAN FOR LOCATION) @ 8" O.C.
3	E.N.
4	MODULE JOINT
5	NOT USED
6	STANDING ROOF SEAM (SEE A2.0)
7	ROOF BEAM (SEE STRUCTURAL) SEE 3/S3.1 & 12/S3.1
8	PLYWOOD FLOOR SHEATHING
9	FLOOR JOIST 6/S3.1
10	FLOOR BEAM (SEE STRUCTURAL 5/S3.1)
11	HAND HOLE @ BOLT LOCATION
12	PLYWOOD ROOF SHEATHING
13	3 1/2"X3 1/2"X1/4" STEEL TUBE COLUMN
14	ROOF HEADER (SEE STRUCTURAL 1/S3.1)
15	1/4" STIFFENER PLANE SEE 9/S3.1 FOR TYP. WELD
16	"C" BLOCKING SEE 6/S3.1
17	10GA. BACK-UP PL
18	NOT USED
19	NOT USED
20	2"X2"X3/16" ∠
21	3 1/4"X1"X45 11/16" LX10GA. CHANNEL TOP & BOTTOM CENTER OF OPENING
22	ROOF PURLIN SEE 2/S3.1
23	TUBE STEEL (SEE 11/S3.1) STIFFFNER COPE TO FIT ROOF BEAM
24	ROOF BEAM AT OVERHANG SEE 4/S3.1

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DATE JAN 07 1999

STKP-42 11/24/98

REVISIONS			
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3			
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5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal — LICENSE EXPIRES 6-30-2000

Architects Seal — LICENSED ARCHITECT GEORGE C. EDWARDS No. C-2556 REN. 9-30-99 STATE OF CALIFORNIA

Division of the State Architect — IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC-266 AC FLS DATE JUN 2 5 '97

MODTECH

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PROJECT NUMBER: 2986

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drawn by: 4012-088
date: 05 JAN 99
checked by:
date:
Modtech project no: 2986
MODTECH Index No: 2500

STRUCTURAL DETAILS

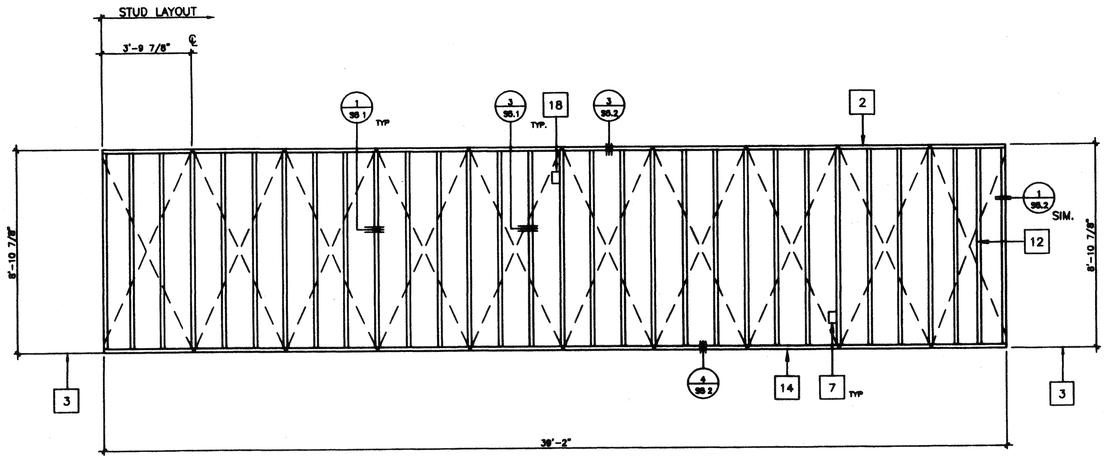
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PC-266

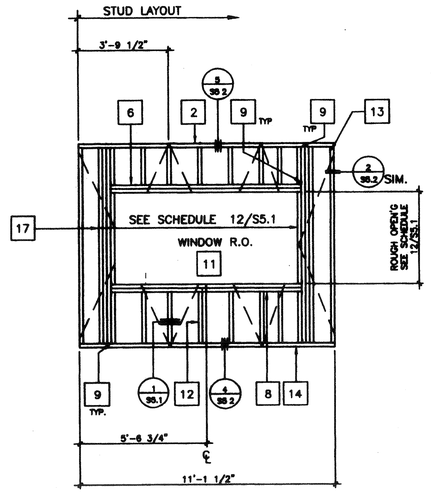
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FILE NO. 15-6

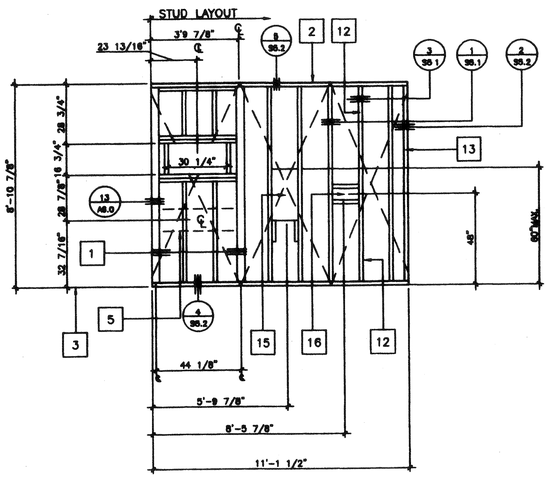
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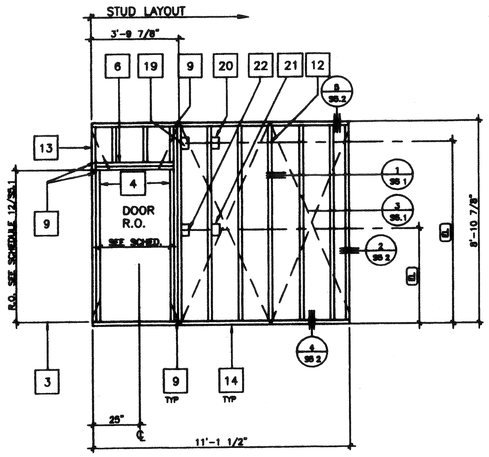
A
A_1 OPPOSITE HAND



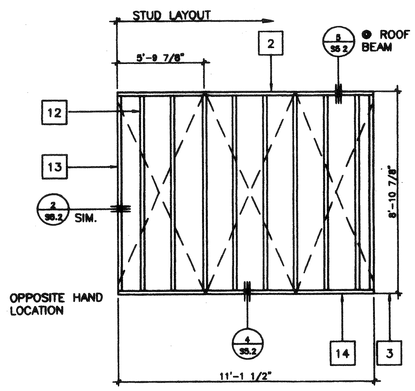
B
B_1 OPPOSITE HAND



C
C_1 OPPOSITE HAND



D
D_1 OPPOSITE HAND



E

SCALE 3/8"=1'

KEY NOTES

1	4 X 4 POST
2	2X4 TOP PLATE
3	FINISH FLOOR
4	2X4 FULL HGT KING STUDS AND 2X4 TRIMMER (SEE SCHEDULE FOR QUANITY SHT S5 1)
5	2x6 LET IN FOR AC SUPPORT SEE 15/A6 0
6	HEADER (SEE SCHEDULE)
7	TYPICAL DUPLEX WALL RECEPTICAL FOR SPECIFIC LOCATION SEE (EL)
8	WINDOW SILL PLATE (SEE SCHEDULE)
9	A 34 CLIPS @ HEADER & SILL TO FULL HGT STUDS AND FULL HGT. STUDS TO TOP AND BOTTOM PLATES
10	REQUIRED OPENING FOR A 3068 DOOR (SEE DETAIL 7/S5 1)
11	REQUIRED OPENING FOR A 8040 WINDOW (SEE DETAIL 6/S5 1)
12	2X4 STUD @ 16" O C TYPICAL
13	2X4 NAILER TYPICAL @ EACH END
14	2X4 SILL PLATE
15	FRAME FOR ELECTRICAL PANEL
16	THERMOSTAT LOCATION 4S BOX
17	FULL HGT. STUDS AND 1-2X4 TRIMMER (SEE WINDOW SCHEDULE FOR JAMB STUDS REQUIRED SHT. S5 1)
18	CLOCK OUTLET (EL)
19	"J" BOX FOR EXTERIOR LIGHT FIXTURE (TO EXTERIOR) (EL)
20	'J' BOX FOR FIRE HORN (TO EXTERIOR) (EL)
21	'J' BOX FOR FIRE PULL STATION (TO INTERIOR) (EL)
22	LIGHT SWITCH BOX (EL)

NOTES

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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 100929
AC ___ FLS ___ SS 49
DATE JAN 07 1999

STKP-42 11/24/98

REVISED

REVISIONS			Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architects Seal	Division of the State Architect
1					LICENSE EXPIRES 6-30-2000	LICENSED ARCHITECT GEORGE C. CORY No. C 2956 REN. 9-30-99 STATE OF CALIFORNIA	CERTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PO-266 AC ___ FLS ___ GRV ___ DATE JUN 2 1997
2							
3							
4							
5							

MODTECH

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 2986

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drawn by date 4012-088
checked by date 05 JAN 99
project no. 2986

WALL FRAMING

MODTECH folder No.

S5.0

DC-266

R58

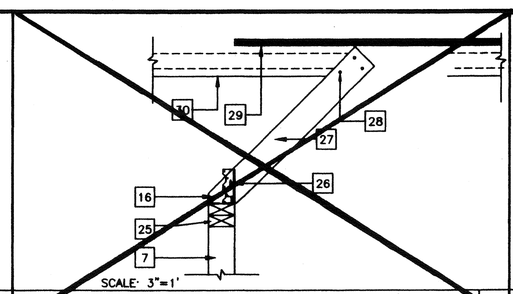
AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

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OFFICE OF REGULATION SERVICES
03-120134
AC. FLS SS
DATE SEP 30 2019

NAILING SHEDULE

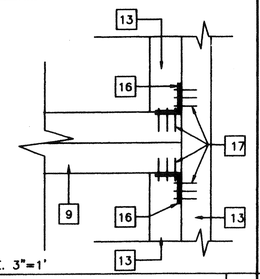
CONNECTION	NAILING [1]
1. JOIST TO SILL OR GIRDER,TOENAIL	3-8d
2. BRIDGING TO JOIST, TOENAIL END END	2-8d
3. 1" X 6" (25 mm X 152mm) SUBFLOOR OR LESS TO EACH JOIST, FACE NAIL	2-78d
4. WIDER THAN 1" X 6" (25 mm X 152 mm) SUBFLOOR TO EACH JOIST, FACE NAIL.	3-8d
5. 2" (51MM) SUBFLOOR TO LOIST OR GRINDER, BLIND AND FACE NAIL	2-16d
6 SOLE PLATE TO JOIST OR BLOCKING, TYPICAL FACE NAIL	16d at 16" (406mm) o c
SOLE PLATETO JOIST OR BLOCKING, AT BRACED WALL PENELS	3-16d per 16" (406mm)
7. TOP PLATE TO STUD, END NAIL	2-16d
8. STUD TO SOLE PLATE	4-8d, toenail or 2-16d, end nail
9. DOUBLE STUDS, FACE NAIL	16d at 24" (610mm) o c.
10. DUOBLE TOP PLATES, TYPICAL FACE NAIL	16d at 16" (406mm) o c
DOUBLE TOP PLATES, LAP SPLICE.	8-16d
11. BLOCKING BETEEN JOISTS OR RAFTERS TO TOP PLATE, TOENAIL.	3-8d
12. RIM JOIST TO TOP PLATE, TOENAIL. 8d at 6" (152mm) o.c.	
13. TOP PLATES, LAP AND INTERSECTIONS, FACE NAIL.	2-16d
14. CONTINUOUS HEADER TWO PIECES 16d at 16" (406mm) o c. along each edge	
15. CEILING JOIST TO PLATE, TOENAIL.	3-8d
16. CONTINUOUS HEADER TO STUD, TOENAIL.	4-8d
17. CEILING JOISTS, LAP OVER PARTITIONS, FACE NAIL.	3-16d
18 CEILING JOIST TO PARALLEL RAFTERS, FACE NAIL.	3-16d
19 RAFTER TO PLATE, TOENAIL.	3-8d
20. 1" (25 mm) BRACE TO EACH STUD AND PLATE, FACE NAIL	2-8d
21. 1" X 8" (25 mm X 203 mm) SHEATHING OR LESS TO AECH BEARING, FACE NAIL.	2-8d
22 WIDER THAN 1" X 8" (25mm X 203mm) SHEATHING TO EACH BEARING, FACE NAIL	3-8d
23 BUILT-UP CONNER STUDS 16d at 24" (610mm) o c	
24 BUILT-UP GRDER AND BEAMS 20d AT 32" (813 mm) O C O.C. AT TOP AND BOTTOM AND STAGGERED 2-20d AT ENDS AND AT EACH SPLICE.	BOTTOM AND STAGGERED 2-20d AT ENDS AND AT EACH SPLICE.
25. 2" (51mm) PLANKS	
26 WOOD STRUCTURAL PANELS AND PARTICLEBOARD [2] SUBFLOOR, ROOF AND WALL SHEARING (TO FRAMING) (1 INCH=25.4mm)	
1/2" AND LESS	6d[3]
19/32" - 3/4"	8d[4] OR 6d[5]
7/8" - 1"	8d[3]
1 1/8" - 1 1/4"	10d[4] OR 8d[5]
COMBINATION SUBFLOOR-UNDERLAYMENT (TO FRAMING) (1 INCH=25.4mm)	
3/4" AND LESS	8d[5]
7/8" - 1"	8d[5]
1 1/8" - 1 1/4"	10d[4] OR 8d[5]
27. PANEL SIDING (TO FRAMING): 1/2" (13 mm) OR LESS	6d[6]
5/8" (16 mm)	8d[6]
28 FIBREBOARD SHEATHING 1/2" (13 mm)	NO 11 GA[8] 8d[5]
25/32" (20 mm)	NO 16 GA 8 NO 11 GA 8 8d[4] NO.16 GA 8
29 INTER PANELING 1/4" (6.4 mm)	4d 10
3/8" (9.5 mm)	6d 11

NOTE: All nail shall be box nails unless otherwise noted.



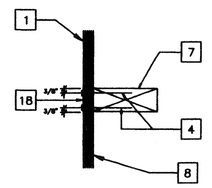
SCALE: 3"=1'

PERPENDICULAR PARTITION CONNECTION 9



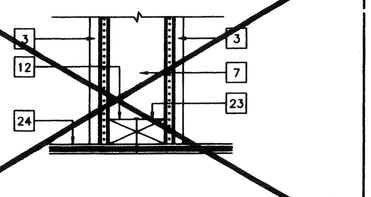
SCALE. 3"=1'

WINDOW SILL AT JAMB 5



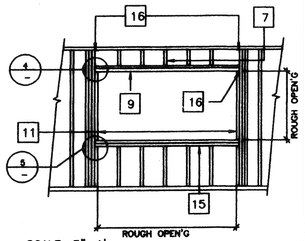
SCALE: 3"=1'

DETAIL AT VERT. PLYWOOD EDGES 1



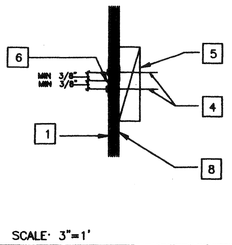
SCALE. 3"=1'

INT. PARTITION CONN AT FLOOR 10



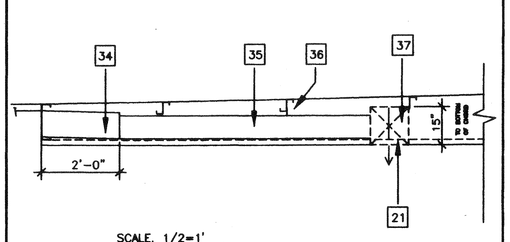
SCALE: 3"=1'

TYP. WINDOW FRAMING 6



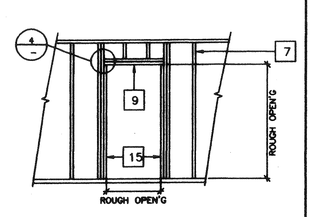
SCALE: 3"=1'

DETAIL AT HORIZ. PLYWOOD JOISTS 2



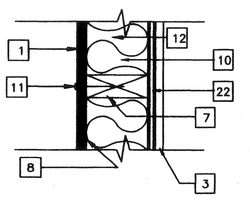
SCALE: 1/2=1'

SECTION: HVAC IN ROOF 11



SCALE: 3"=1'

TYP. DOOR FRAMING 7



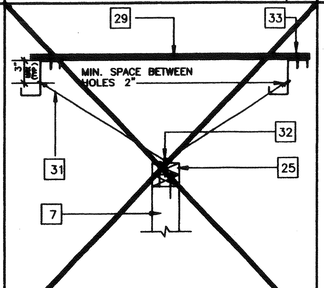
SCALE: 3"=1'

SECTION AT STUD 3

OPENING SCHEDULE				ROUGH OPENING	
OPENING	HDR.	SILL	JAMB	HEIGHT	WIDTH
3068	(2) 2X4	(2) 2X4	(2) 2X4	81 1/4"	38"
8040	(3) 2X4	(2) 2X4	(4) 2X4	48 1/8"	96 1/8"

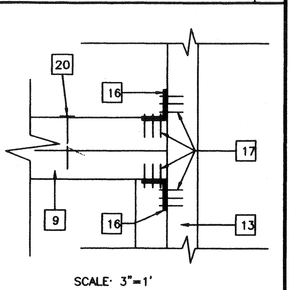
ALTERNATE: METAL STUD 24 HDS350
IN LIEU OF 2X4 WD STUDS

ROUGH OPENING SCHEDULE REVISED 12



SCALE: 1-1/2"=1'

DETAIL PARALLEL PARTITION CONN. 8



SCALE: 3"=1'

HEADER DETAIL 4

KEY NOTES

2	EXTERIOR PLYWOOD SIDING – SHEATHING NAIL W/GALV. BOX NAILS –8d @ 6" O.C EDGES, 8d @ 12" O.C. IN FIELD
2	GYP. BOARD
3	TYP. INTERIOR FINISH–SEE FINISH SCHEDULE
4	E.N.
5	2X4 BLK'G
6	"Z" FLASHING
7	2X4 @ 16" O.C.
8	WATERPROOF MEMBRANE
9	HEADER SEE SCHEDULE 12/S5.1
10	INSULATION SEE SPECIFICATIONS
11	8d ELECTRO GALV. 12" O.C.FN.
12	2X4 SILL PLATE (BELOW)
13	FULL HEIGHT STUDS AND 1–2X4 TRIMMER (SEE WINDOW SCHEDULE FOR JAMB STUDS REQ'D)
14	NOT USED
15	SILL PLATE (SEE SCHEDULE)
16	A 34 CLIPS @ HEADER AND SILL TO FULL HEIGHT STUDS AND FULL HEIGHT STUDS TO TOP AND BOTTOM PLATES
17	9GA. 8d 1 1/2" NAILS
18	LAP JOINT
19	NOT USED
20	16D @ 16" O.C.
21	ROOF CHANNEL
22	ATTACH GYP. BD. TO STUDS W/6d COOLERS @ 6" O.C.
23	2X4 BOTTOM PLATE W/16d @ 16" O.C
24	PLYWOOD FLOOR
25	2X4 DBL TOP PLATE
26	SIMPSON A35 W/8d X 2 1/2"
27	2X4 BRACE @ 8'–0" O.C. MAX. @ MAX 45°
28	#12 X 2 TYPE A HEX HEAD SCREWS W/WASHERS (TYP. FOR 3)
29	PLYWOOD SHEATHING
30	ROOF PURLIN
31	ATTACH 12GA. BRACE WIRES TO EYE LAG SCREWS AND TO ROOF PURLINS @8'–0" O.C. ENDS TO HAVE 4 TIGHT WRAPS IN 1–1/2"
32	1/4@ 2–1/2" EYE LAG SCREW @8'–0" O.C. (Z " EMBEDMENT)
33	ATTACH PER ROOF FRAMING PLAN (TYP.)
34	PLENUM
35	DUCTWORK
36	ROOF PURLIN
37	TRANSFER BOX

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STKP-42 11/24/98

FILE # P2865S1.DWG

PROJECT NO. 2986 PC-266

REVISIONS

1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal — 2008

Architects Seal — LICENSED ARCHITECT GEORGE C. ELLIOTT No. C-22556 REN. 9-30 STATE OF CALIFORNIA

Division of the State Architect
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PC-266
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DATE JUN 21 1997

MODTECH INC.
2830 BARRETT AVENUE
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PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 2986

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drawn by: 4012-088
date
checked by 05 JAN99
date:
Modtech project no

MODTECH Index No.

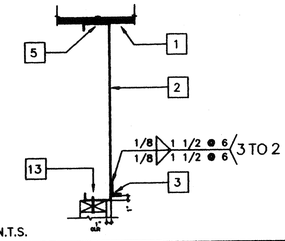
FRAMING DETAILS

S5.1

R58

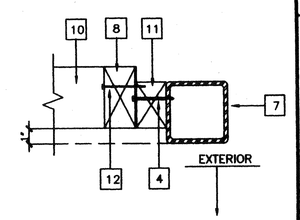
AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

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OFFICE OF REGULATION SERVICES
03-120134
AC FLS SS
DATE SEP 30 2019



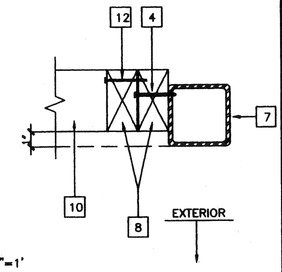
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17 END WALL AT ROOF 9



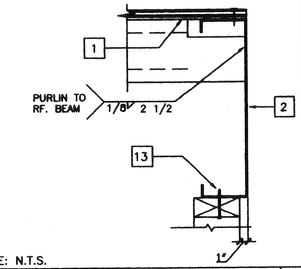
SCALE:3"=1'

13 COLUMN AT END WALL. 5



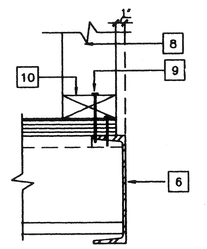
SCALE:4"=1'

18 COLUMN AT SIDE WALL 10 6



SCALE: N.T.S.

19 ROOF PURLIN AT ROOF BEAM 15 11 7



SCALE: 3"=1'

20 WALL SILL AT FLOOR 16 REVISED 12 8 4

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KEY NOTES

1. PLYWOOD ROOF SHEATING
2. [10GA.X HEADER TYPICAL.
3. 1 1/2 X 1 1/2 X 16GA. ∠
4. #10 S.T.S.M.S @24" O.C. OR 0.145ø SHOT PIN AT 24" O.C.
5. E.N. PLYWOOD TO ROOF BEAM. (SEE STRUCTURAL)
6. FLOOR BEAM (SEE STRUCTURAL)
7. TUBE STEEL COLUMN.
8. 2X4 STUD @ 16" O.C. TYP.
9. 16d BOX NAILS @ 8" O.C.
10. 2X4 SILL PLATE.
11. 2X TRIMMER @ CORNER.
12. 16d @ 24"O.C.
13. #10 S.T.S.M.S @ 16"O.C. OR AEROSMITH AKN 144.0175 DRIVE PIN.

FILE # P266 S52.DWG

REVISIONS

1				
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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal
LICENSED ARCHITECT
GEORGE C. EDWARDS
EXP. 9-30-99
STATE OF CALIFORNIA

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OFFICE OF REGULATION SERVICES
PC-266
AC FLS SS
DATE JUN 25 1997

MODTECH INC.
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PROJECT NUMBER: 2986

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checked by date 05 JAN 99
Modtech project no: 2986

MODTECH Index No.

WALL FRAMING DETAILS

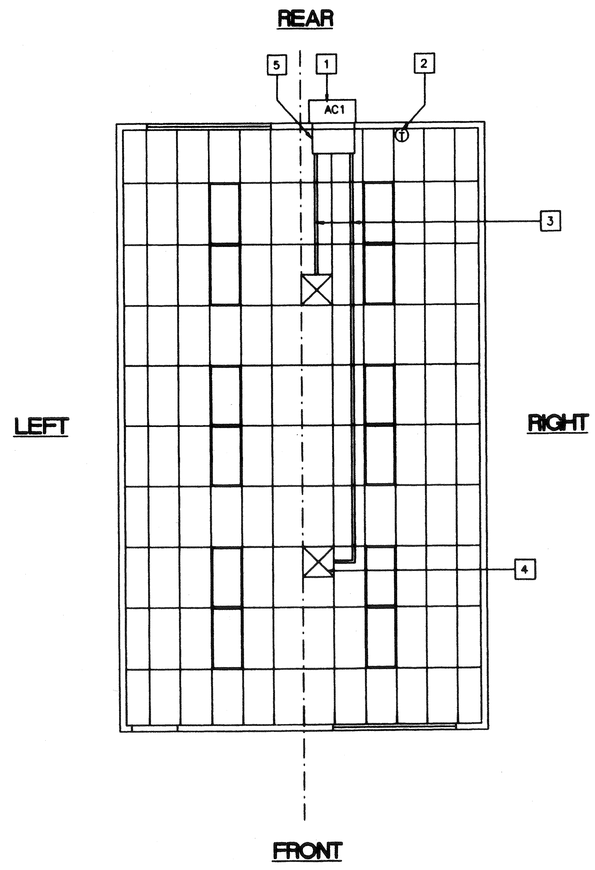
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PROJECT NO PC-266

R58

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

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03-120134
AC. FLS. SS.
DATE SEP 30 2019



KEY NOTES

1. AC1- WALL MOUNT 3.5 TON HEAT PUMP NOMINAL 47,000 BTUH COOL / 46,000 BTUH HEAT W/5kw HEATER OLA AND CALIFORNIA STATE ENERGY APPROVED 208 / 230V, 1 PHASE, MAX FLA 28 AMPS WEIGHT 510 LBS.
2. (T) THERMOSTAT–WHITE ROGERS IF92 ~~40~~ A.F.F.
3. 12" FLEX DUCT
4. 15 x 15 4W SUPPLY AIR GRILLE
5. 10" X 30" X 2' PLENUM (SEE SPECS)

NOTES

1 INSULATION APPLIED TO EXTERIOR SURFACE OF DUCTS LOCATED IN BLDGS SHALL HAVE A FLAME SPREAD OF NOT MORE THAN 25 & A SMOKE–DENSITY NOT EXCEEDING 50 WHEN TESTED AS A COMPOSITE INSTALLATION INCLUDING INSULATION, FACING MATERIALS, TAPES & ADHESIVES AS NORMALLY APPLIED ~~EXCEPTION: INSULATION HAVING A FLAME SPREAD INDEX NOT EXCEEDING 50 & A SMOKE DENSITY NOT GREATER THAN 100 MAY BE INSTALLED IN DWELLINGS OR APARTMENT HOUSES WHERE THE DUCT SYSTEM SERVES NOT MORE THAN ONE DWELLING UNIT.~~

2 SCHOOL EQUIPMENT ANCHORAGE

THE FOLLOWING IS FOR THE MECHANICAL ENGINEER'S INFORMATION ONLY

THE SEISMIC ANCHORAGE OF MECHANICAL EQUIPMENT SHALL CONFORM TO C C R TITLE 24, SECTION 1632.2.2 AND TABLE 16A-O ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIPMENT WEIGHING LESS THAN 400 LBS AND HUNG EQUIPMENT WEIGHING LESS THAN 20 LBS MAY BE OMITTED FROM THE PLANS

FOR MECHANICAL DRAWINGS:

ALL MECHANICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA

EQUIPMENT ON GRADE	20% OF OPERATING WEIGHT
EQUIPMENT ON STRUCTURE	30% OF OPERATING WEIGHT

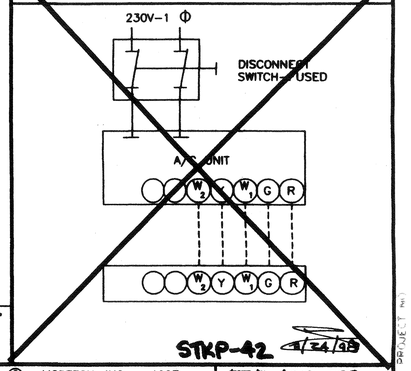
FOR FLEXIBLY MOUNTED EQUIPMENT USE 4 X THE ABOVE VALUES, AND FOR SIMULTANEOUS VERTICAL FORCE USE 1/3 X THE HORIZONTAL FORCE

THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR, I = 1.0 AND SEISMIC ZONE, Z = 0.4

WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE MECHANICAL ENG AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITECT

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CONTROL SCHEMATIC



STKP-42 4/24/98

MECHANICAL PLAN (24' X 40')

SCALE 1/4"=1'-0"

REVISED

REVISIONS			
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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal — LICENSED ARCHITECT GEORGE C. EDWARDS JR. EXP. 9-30-99 STATE OF CALIFORNIA

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Modtech project no 2986

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MECHANICAL (HVAC) PLAN

M1.0

PC-266

R-58

FILE # P266 M10.DWG

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ELECTRICAL PANEL SCHEDULE

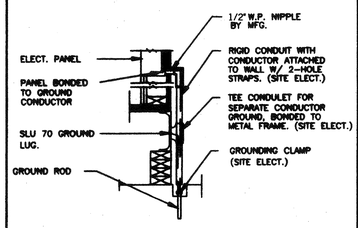
MAIN: 100 AMP 12 CIRCUIT | PANEL: A | LOCATION: REAR | FEED: BOTTOM | MOUNTING: FLUSH

LOAD		WATTS A/	WATTS B/	BREAKER Amps	BREAKER P	Ckt	A	B	Ckt	BREAKER P	BREAKER Amps	WATTS A/	WATTS B/	LOAD
RECEPTACLE	(4)	720		20	1	1			2	2	60	3860		HVAC 3.5(T)
RECEPTACLE / CLOCK	(5)		900	20	1	3			4	-	—		2360	HVAC 3.5(T)
INT. / EXT. LIGHTS	(25)	900		20	1	5			6	2	30	2500		HVAC (HS)
INTERIOR LIGHTS	(24)		840	20	1	7			8				2500	HVAC (HS)
FA (DEDICATED)		40		-	-	9			10					
						11			12					
WATTS/PHASE	A = 7,520	1680	1740									3860	3860	B = 7,640 WATTS/PHASE
TOTAL	15,560 WATTS	66 AMPS				120/240 VOLTS						SINGLE Ø		THREE WIRE

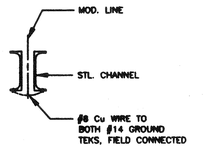
NCL = 13380 W

GENERAL GROUNDING NOTES

1. EACH BUILDING SHALL BE SEPARATELY GROUNDED WITH A 3/4" RD. X 8' COPPERCLAD STEEL GROUND ROD. WHERE ROCK BOTTOM IS ENCOUNTERED, ROD SHALL BE DRIVEN AT AN ANGLE NOT TO EXCEED 45 DEGREE'S FROM THE VERTICAL OR SHALL BE BURIED IN A TRENCH THAT IS AT LEAST 30" DEEP. (BY SITE ELECTRICAL)
2. TESTING: TEST FOR RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS SEPARATED AT LEAST 6'-0" UNTIL RESISTANCE IS REDUCED TO 25 OHMS OR LESS. (BY SITE ELECTRICAL)
3. PROVIDE EQUIPMENT ANCHORAGE PER TITLE 24, TABLE 16 J, PART B.
4. APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF THIS FIRE ALARM FOR ALL SITES. THE FIRE ALARM SYSTEM AND/OR COMPONENTS MAYBE REQUIRED TO BE CHANGED DUE TO SITE LOCATION, EXISTING CONDITIONS OR INCOMPATIBLE COMPONENTS.
5. GROUND MG TEST SHALL BE DONE IN THE PRESENCE OF THE PROJECT INSPECTOR. ALL GROUNDING SHALL BE IN ACCORDANCE WITH C.E.C. ARTICLE 250.



TYP GROUNDING DETAIL | 1



GROUND JUMPER • MOD LINE | 2

ELECTRICAL LEGEND

- 2'x4' 4 TUBE FLUORESCENT LIGHT FIXTURE
- EXTERIOR LIGHT FIXTURE AT +95" AFF
- DUPLEX WALL RECEPTACLE 15-A 125-V 3-WIRE AT +18" AFF U.N.O.
- HVAC UNIT HV
- 4s 'J' BOX FOR INT. FA PULL BOX. +48" AFF 3/4" CO TO PULLSTRING.
- 4s 'J' BOX FOR EXT. HORN/BELL. +96" AFF 3/4" CO TO PULLSTRING.
- (6x6x4) WEATHER PROOF GUTTER BOX + 18" AFF 3/4 CO TO PULLSTRING.
- ELECTRICAL PANEL. + 60" AFF (C). 1 1/4" POWER NIPPLE FOR GROUND JUMPER BY SITE ELEC.
- SWITCH +48" A.F.F.
- CLOCK. +96" AFF
- 4s J BOX FOR INT. FA STROBE AT + 80" AFF. 3/4" CO TO PULLSTRING.

NOTES

1. SCHOOL EQUIPMENT ANCHORAGE

THE FOLLOWING IS FOR THE ARCHITECTS INFORMATION ONLY:

THE SEISMIC ANCHORAGE OF ELECTRICAL EQUIPMENT SHALL CONFORM TO C.C.R. TITLE 24, SECTION 1632(d)2 AND TABLE 16A(K) ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIP. WEIGHING LESS THAN 400 LBS. & HVAC EQUIPMENT WEIGHING LESS THAN 20 LBS. MAY BE OMITTED FROM THE PLANS.

FOR ELECTRICAL DRAWINGS:

ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

EQUIPMENT ON GRADE	20% OF OPERATING WEIGHT
EQUIPMENT ON STRUCTURE	30% OF OPERATING WEIGHT

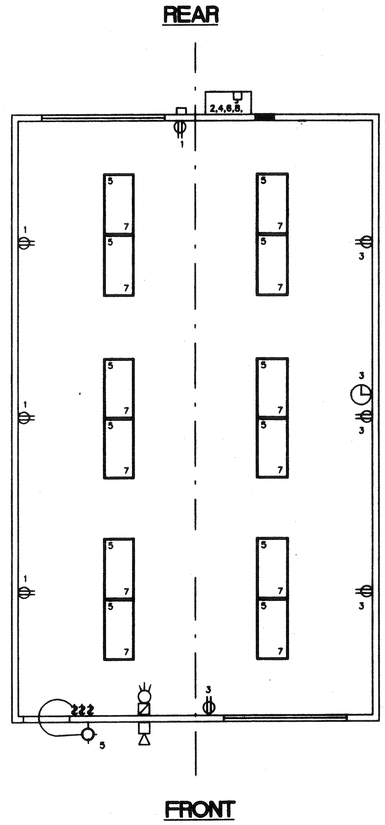
FOR FLEXIBLY MOUNTED EQUIPMENT USE 4 X THE ABOVE VALUES, AND FOR SIMULTANEOUS VERTICAL FORCE USE 1/3 X THE HORIZONTAL FORCE.

THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR, I = 1.0 AND SEISMIC ZONE, Z = 0.4.

WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITECT.

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STKP-42 1/24/05



ELECTRICAL PLAN (24' X 40')

1/4" = 1'-0"

REVISED

REVISIONS

1		
2		
3		
4		
5		

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal — LICENSED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA — LICENSE EXPIRES 6-30-2000

Architects Seal — LICENSED ARCHITECT — STATE OF CALIFORNIA — EXPIRATION 9-30-99

Division of the State Architect
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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-266
AC. FLS SS
DATE JAN 25 1997

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 2986

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drawn by: FVH date: 11/98 — 4012-088
checked by: 05 JAN 99 date:
Modtech project no: 2986

ELECTRICAL PLAN

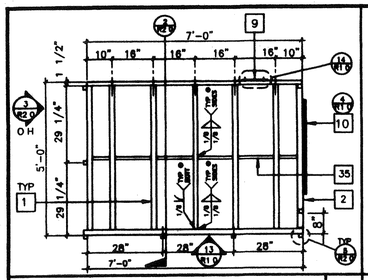
Modtech Index No. E1.0

FILE # P266E10.DWG

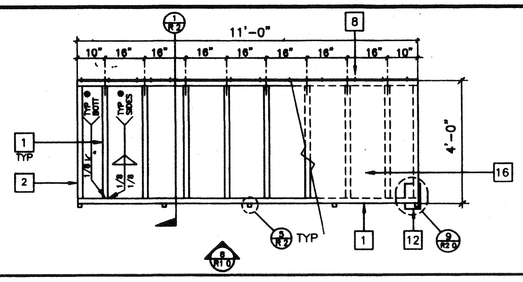
PC-266 2506 PROJECT NO. 2377, 3022, 3183

AGENCY TRACKING NO. 63321-355
FILE NO. 15-6

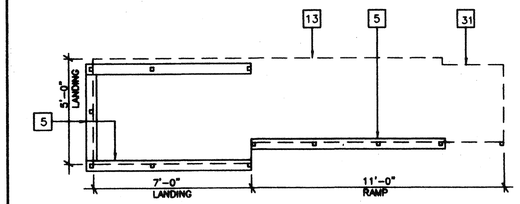
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03-120134
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DATE SEP 30 2019



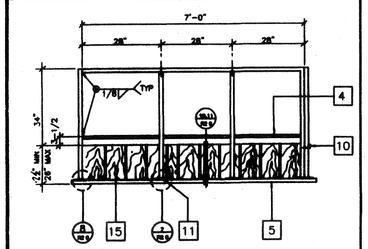
LANDING FRAME | 12



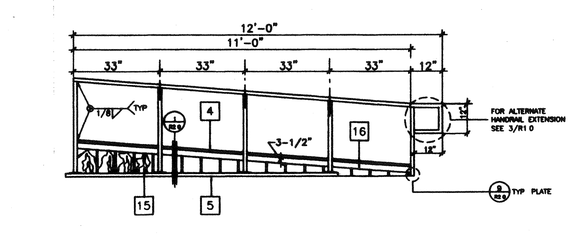
RAMP FRAME | 7



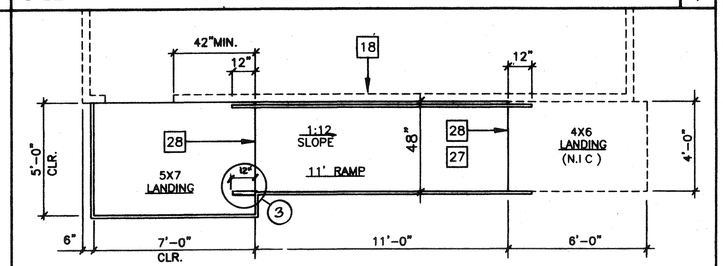
SILL PLAN FOR RAMP AND LANDING 3/8" | 1



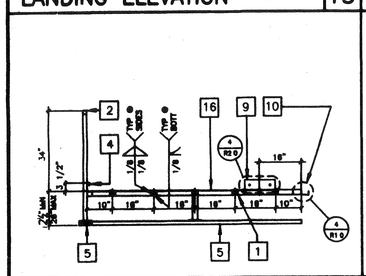
LANDING ELEVATION | 13



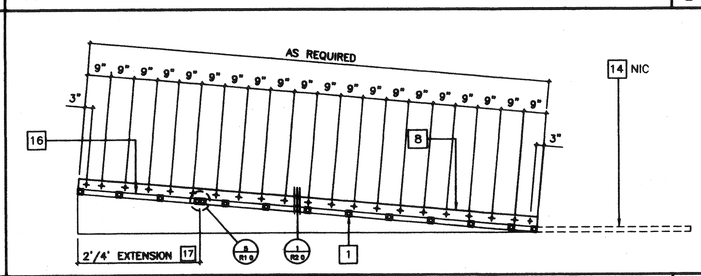
RAMP ELEVATION | 8



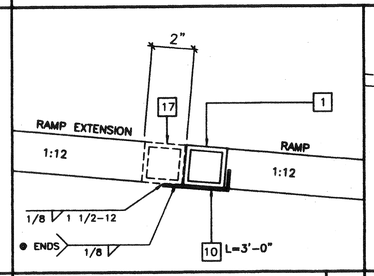
RAMP AND LANDING AT BUILDING 3/8" | 2



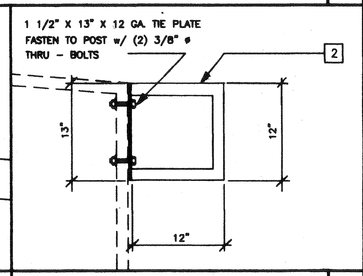
LONG. SECTION ⊙ LANDING | 14



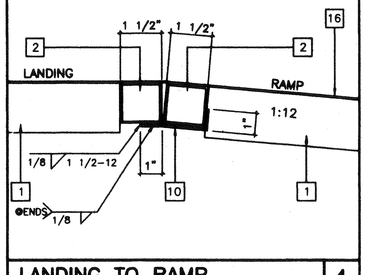
LONGITUDINAL SECTION ⊙ RAMP | 9



RAMP EXTENSION TO RAMP | 5



GUARD RAIL EXTENSION | 3



LANDING TO RAMP | 4

KEY NOTES

1	TS 2" x 2" x 14ga
2	TS 1 1/2" x 1 1/2" x 14ga (Fy = 39KSI)
4	TS 1" x 1" x 16ga WHEELCHAIR GUIDE
5	2 x 6 PT SILL PLATE
8	6" x 10ga CONT. PLATE W/ 1/4" X 2" TEK SCREWS @@ 9" OC INTO WOOD OR FOUND. BLOCKS OR #14 x 2" TEK SCREWS INTO STEEL @ 9" OC
9	6" x 12" x 10ga PLATE W/2-1/4" x 3" LAGS TO STRUCTURAL FRAME OF BUILDING
10	3" x 1" x 3'-0" x 10ga BENT PLATE
11	2" x 4" x 12ga BASE PLATE W/2-1/4" x 1" LAGS
12	6" x 10" x 12ga BASE PLATE @ RAMP TOE
13	LINE OF RAMP/LANDING ABOVE
14	LOWER LANDING BY DISTRICT
15	SKIRTING: PLYWOOD TO MATCH BUILDING SIDING. BLOCK ALL EDGES. ATTACH W/ 8d @ 6" OC EDGES AND 12" OC FIELD. AT EDGE CONNECTION TO T.S. USE #14 x 2" TEK SCREWS @ 6" OC
16	12ga METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 6%. MAINTAINABLE FOR 1 YR.
17	RAMP EXTENSION FRAME.
18	EXISTING BUILDING.
27	RAMP BY MODTECH
28	FLUSH TRANSITION
31	NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE. MAX NOTCH 1 1/2" x 4'-0" LONG.
35	TS 1" x 1" x 16ga

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NOTES

1 RAMPS:- RAMPS SHALL NOT SLOPE MORE THAN 1" IN 12"
2 HANDRAILS: HANDRAILS AT BOTH SIDES OF RAMP AT 34" HT.
3 SURFACE: LANDING & RAMP TO HAVE NON SLIP SURFACE AND/OR GRIP II AS MANUFACTURED BY AMERICAN CHEMICAL COMPANY (OR EQUAL)
4 GROUNDING: PROVIDE GROUNDING OF RAMP TO BLDG FRAME W/#8 CU TO BOTH GROUND LUGS.
5 ARCHITECT SITE / RAMP / LANDING PLANNING: DUE TO VARYING SITE CONDITIONS THE MAXIMUM HEIGHT OF FINISH FLOOR FROM GRADE IS 28" THEREFORE IT IS POSSIBLE THAT THE ACCESS RAMP ATTACHED TO THE BUILDING COULD BE 28"-0" AT A SLOPE OF 1:12 ARCHITECT MUST TAKE INTO ACCOUNT THAT THE RAMP SUPPLIED BY MODTECH INC. IS 11'-0" AT A SLOPE OF 1:12 THEREFORE THE ARCHITECT WILL HAVE TO DESIGN AND PROVIDE SUFFICIENT DETAILS OF RAMP EXTENSIONS AND BOTTOM LANDING DEPENDING ON PARTICULAR SITE CONDITIONS. IN NO WAY IS MODTECH INC. RESPONSIBLE FOR ANY RAMP EXTENSION EXCEEDING THE ORIGINAL PLAN AS SHOWN ON SHEET R-1.
6 ALL 1 1/4" AND 1 1/2" TUBE STEEL TO BE OF ASTM A500 GRADE A STEEL (Fy = 39 KSI)

STKP-42 4/24/98

REVISIONS

1		
2		
3		
4		
5		

Electrical Engineer's Seal | Mechanical Engineer's Seal | Structural Engineer's Seal | Architects Seal

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OFFICE OF REGULATION SERVICES
PC 266
AC. FLS.
DATE JUN 21 1999
REVISED

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH. (909) 943-4014
FAX (909) 940-0427

Job Number: PC 266 2986

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RAMP / LANDING

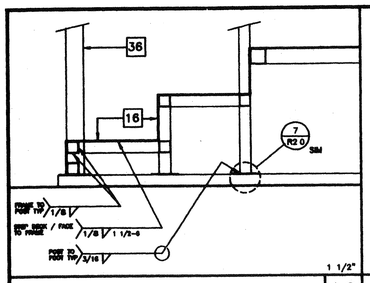
drawn by FVH
date 11/96
checked by 4012-088
date 05JAN99
Modtech project no. 2986 PC 266
MODTECH Index No. R1.0

2506, 2377, 3022, 3183

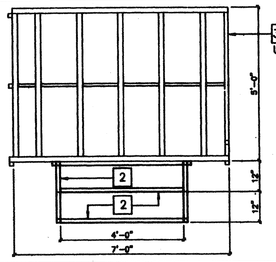
R58

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FILE NO. 15-6

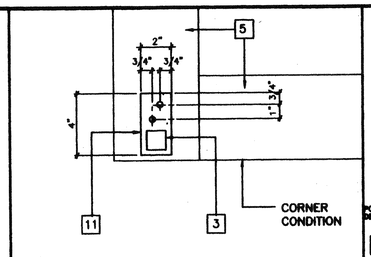
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OFFICE OF REGULATION SERVICES
03-120134
AC ___ FLS ___ SS ___
DATE SEP 30 2019



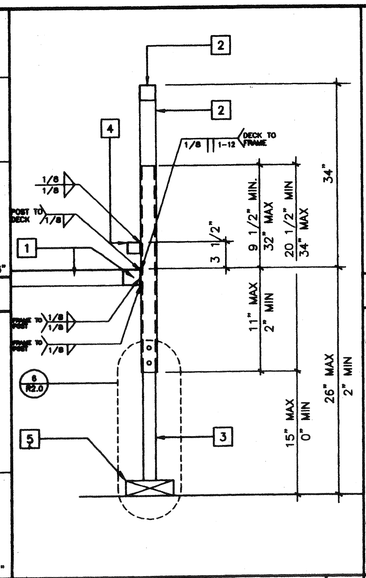
STAIR SECTION (OPTIONAL) 16

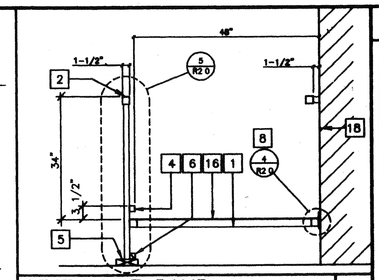


STAIR PLAN (OPTIONAL) 12

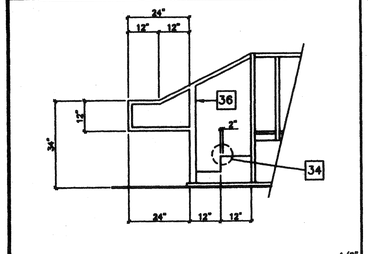


ADJUSTABLE LEG BASE PLATE 8

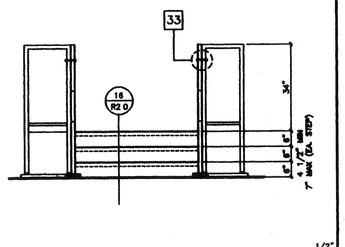




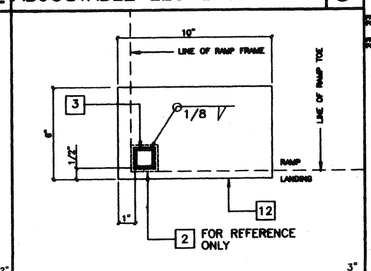
SECTION AT RAMP 3/4" 1



STAIR ELEVATION (OPTIONAL) 17



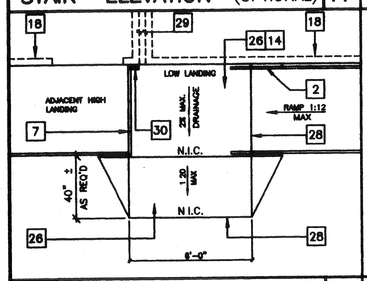
STAIR ELEVATION (OPTIONAL) 13



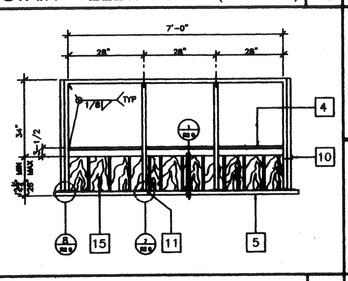
BASE PLATE ● RAMP TOE 9

ADJUSTABLE LEG 3" 5

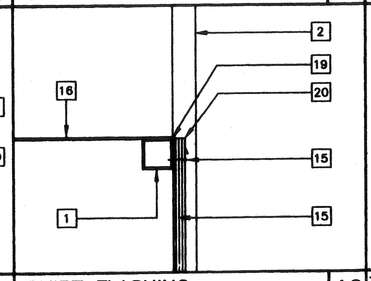
SECTION AT LANDING 3/4" 2



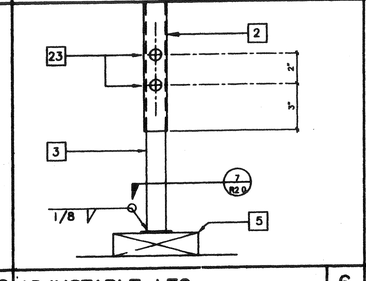
STAIR ELEVATION (OPTIONAL) 14



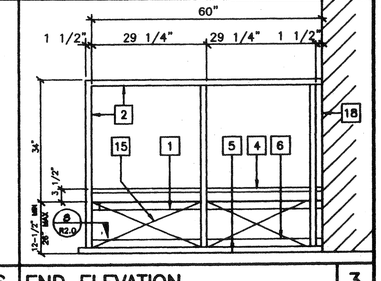
SKIRT FLASHING 3" 10



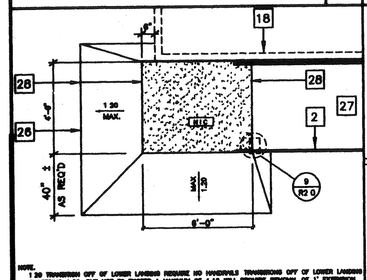
SKIRT ● SILL PLATE 3" 11



ADJUSTABLE LEG 3" 6

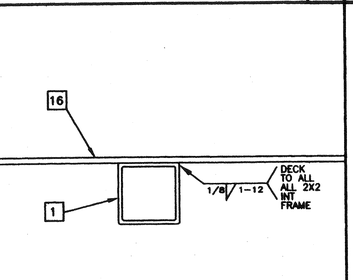


END ELEVATION 3/4" 3

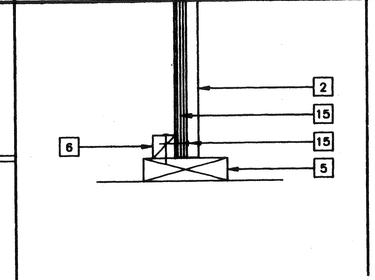


RAMP TRANSITION BY DISTRICT 1/2" 18

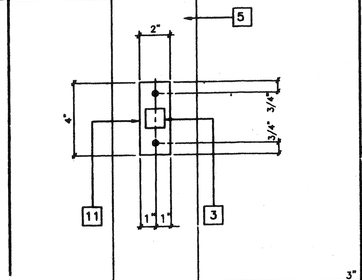
NOTE:
1:20 TRANSITION OFF OF LOWER LANDING REQUIRE NO HANDRAILS TRANSITIONS OFF OF LOWER LANDINGS EXCEEDING 1:20, MAY RISE TO EXCEED A MAXIMUM OF 1:12 WILL REQUIRE REMOVAL OF 1" EXTENSION AND ARMRAIL. HAND RAILING BY DISTRICT



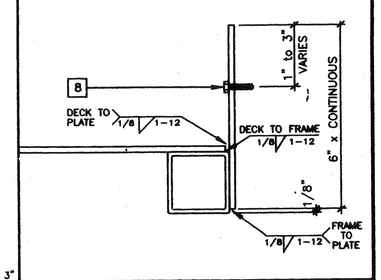
14



SKIRT ● SILL PLATE 3" 11



ADJUSTABLE LEG BASE PLATE 7



SECTION ● PLATE 1/2" 4

RAMP TRANSITION BY DISTRICT 1/2" 19

SECTION ● INT. FRAME 1/2" 15

KEY NOTES

1	TS 2" x 2" x 14ga
2	TS 1 1/2" x 1 1/2" x 14ga , (Fy = 30 KSI)
3	TS 1 1/4" x 1 1/4" x 14ga (Fy = 30 KSI)
4	TS 1" x 1" x 16ga WHEELCHAIR GUIDE
5	2 x 6 PT SILL PLATE
6	2 x 2 NAILER W/16d @ 12" OC
7	2 x RW HEADER BY DISTRICT.
8	6" x 10ga CONTINUOUS PLATE W /#14 x 2" TEX SCREWS @ 6" OC INTO WOOD OR FOUNDATION BLOCKS OR #14 x 2" TEK SCREWS INTO METAL @ 8"OC
11	2" x 4" x 12ga BASE PLATE W/2-1/4" x 1" LAGS
12	6" x 10" x 12ga BASE PLATE @ RAMP TOE.
14	LOWER LANDING BY DISTRICT
15	SKIRTING: PLYWOOD TO MATCH BUILDING SIDING. BLOCK ALL EDGES. ATTACH W/8d @ 6" OC EDGES AND 12" OC FIELD. AT EDGE CONNECTION TO T.S. USE #14 x 2" TEK SCREWS @ 6" OC
16	12ga METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 6%. MAINTAINABLE FOR 1 YR.
18	EXISTING BUILDING.
19	CAULKING
20	26 ga FLASHING
23	3/8" dia x 2" LONG MB W/NUT & WASHERS
26	PAVE BY DISTRICT.
27	RAMP BY MODTECH
28	FLUSH TRANSITION
29	3" MINIMUM BUILDING SEPERATION
30	PROVIDE DIVERSION FOR WATER FROM DOWNSPOUT FOR THIS CONDITION. BY DISTRICT
32	FOR LANDING DETAILS AND RAMP ATTACHEMENT SEE 12/R1.0
33	FASTEN POSTS W/ 3/8" ø THRU BOLT. TYPICAL
34	2" WARNING STRIPES MAX 1" FROM EVERY STAIR NOSING. USE CONTRASTING COLOR.
36	TS 2 1/2" x 1 1/2" x 8ga ASTM A500 GRADE A

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 100929
AC ___ FLS ___ SS ___
DATE JAN 07 1997

STKP-42 11/04/19

REVISIONS

1	
2	
3	

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal
STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2000

Architects Seal
LICENSED ARCHITECT
GEORGE C. EDRIS
RENEWAL 9-30-98
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 266
AC ___ FLS ___ SS ___
DATE JAN 21 1997
REVISED

MODTECH

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Job Number: PC 266 2986

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drawn by: FVH date 11/96
checked by: date 4012-088
Modtech project no. 05 JAN 97 2986

MODTECH Index No.

RAMP/STAIR DETAILS

R2.0

R58