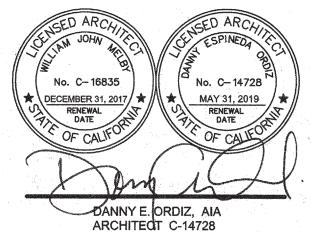
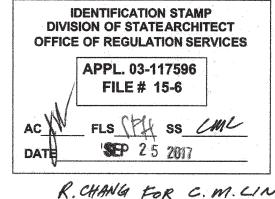
SHEET INDEX MODERNIZATION AT MARSA VOORHIES ELEMENTARY WALKWAY FOUNDATION PLAN ARCHITECTURAL STUCCO DETAILS MISCELLANEOUS ARCHITECTURAL DETAILS BUILDING A CONCRETE FOUNDATION PLAN 50 PSF LIVE LOAD+15 PARTITION L SCHOOL NCRETE FOUNDATION DETAILS DEMOLITION PLAN BUILDING A DEMOLITION REFLECTED CEILING PLAN BUILDING A CONCRETE FOUNDATION DETAILS DIMENSIONED FLOOR PLAN BUILDING A CONCRETE FOUNDATION DETAILS CONCRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FOOTINGS OOR PLAN BUILDING A FLOOR FRAMING PLAN AND DETAILS CONCRETE FLOOR 3W DECK OPTION ENLARGED PLANS ROOF FRAMING PLANAND DETAILS (ENCLOSED SOFFIT OPTION) 6001 PIONEER DRIVE REFLECTED CEILING PLAN BUILDING A ROOF FRAMING PLAN DETAILS ROOF PLAN BUILDING A OPTIONAL PARAPET ELEVATIONS & DETAILS MOMENT FRAME ELEVATIONS INTERIOR ELEVATIONS BUILDING A MOMENT FRAME CONNECTION DETAILS INTERIOR ELEVATIONS BUILDING A TYPICAL LONGITUDINAL AND TRANSVERSE FRAME ELEVATION BAKERSFIELD, CA 93307 ONGITUDINAL AND TRANSVERSE FRAME ELEVATION (1) INTERIOR ELEVATIONS BUILDING A SECTIONS BUILDING A WALL FRAMING ELEVATIONS SECTIONS BUILDING A WALL FRAMING DETAILS 4-601A SCHEDULES REFLECTED CEJEING PLAN BUILDINGS C & D MECHANICAL/PLAN **CODE REQUIREMENTS** SCOPE OF WORK **GENERAL NOTES** PROJECT DIRECTORY 112CD DEMOLITION PLANS BUILDINGS C & D MECHANIZAL BUILDING SECTIONS & CEILING DETAILS DEMOLITION REFLECTED CEILING PLANS BUILDINGS C & D **CEILING & MECHANICAL DETAILS** ALL DRAWINGS AND CONSTRUCTION SHALL CONFORM TO THE FOLLOWING CODES: FLOOR PLAN BUILDINGS C & D ME@HANICAL ROOF DETAILS NOTE: SEE PLANS FOR DETAILED INFORMATION TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS REFLECTED CEILING PLAN BUILDINGS C & D ZEILING & MECHANICAL NOTES NOTHING IN THE DRAWINGS AND/OR THE SPECIFICATIONS SHALL BE CONSTRUED TO PERMIT AN INSTALLATION THAT COULD BE IN VIOLATION OF THE APPLICABLE CODES, ORDINANCES, REGULATIONS, ETC. ALL WORK PERFORMED UNDER THIS CONTRACT SHALL BE IN FULL ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, REGULATIONS, RESTRICTIONS, ETC. ELECTRICAL OWNER: TYPICAL ELECTRICAL PLAN ROOF PLAN BUILDINGS C & D 2013 PART 1 - 2013 BUILDING STANDARDS ADMINISTRATIVE CODE, TITLE 24 CCR SITE IMPROVEMENTS TO INCLUDE NEW PARKING LOT A AND PARKING LOT EXTERIOR ELEVATIONS BUILDING (ELECTRICAL NOTES & DETAILS B WITH NEW PARKING STALL LAYOUT AND NEW SIDEWALKS BAKERSFIELD CITY SCHOOL DISTRICT PART 2 - 2013 CALIFORNIA BUILDING CODE, VOL. 1 & 2, TITLE 24 CCR, 1300 BAKER STREET BAKERSFIELD CA 93305 EXTERIOR ELEVATIONS BUILDING D RESTROOM PLUMBING PLAN OPTIONS & FIXTURE SCHEDULE (CBC) (2012 IBC, AS AMENDED BY CA) 5500 MING AVE., SUITE 251 SITE IMPROVEMENTS TO INCLUDE NEW ACCESSIBLE PARKING RAMPS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY. DISCREPANCIES BETWEEN THE FIELD CONDITIONS AND THE DRAWINGS SHALL CAUSE NOTIFICATION OF THE ARCHITECT PRIOR TO MAKING ANY CHANGES IN THE PLUMBING DETAILS AND ACCESSIBLE DETAILS INTERIOR ELEVATIONS BUILDINGS C & D BAKERSFIELD, CA 93309 TOTAL = 156 SHEETS SIGNAGE & STRIPING 2013 PART 3 - 2013 CALIFORNIA ELECTRICAL CODE, TITLE 24 CCR. PHONE: (661) 831-7851 INTERIOR ELEVATIONS BUILDINGS C & D CEC) (2008 NEC (NFPA), AS AMENDED BY CA) **ARCHITECT:** Fax: (661) 831-7813 SITE IMPROVEMENTS TO INCLUDE NEW CONCRETE WALKS, HIS APPLICATION 03-117596 WILL NOT BE CERTIFIED UNTIL APPLICATIONS: 233CD UNTERIOR FLEVATIONS BUILDINGS C & F PART 4 - 2013 CALIFORNIA MECHANICAL CODE, TITLE 24 CCR, (CMC) (2011 IAPMO UMC, AS AMMENDED BY CA) JOHN MALONEY RAMPS.EXTERIOR STAIRS, PLANTERS AND BENCHES, CHAIN LINK FENCING ORDIZ MELBY ARCHITECTS, INC 234CD INTERIOR ELEVATIONS BUILDINGS C & D E-MAIL: MALONEY@JMPE.NET AND ORNAMENTAL FENCING. ALSO INCLUDES NEW FIRE DEPARTMENT THE PROPERTY OF THE ARCHITECT AND NO PART THEREOF SHALL BE COPIED OR DISCLOSED TO OTHERS OR USED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THESE DOCUMENTS HAVE BEEN PREPARED AND DEVELOPED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. VISUAL CONTACT WITH THESE DRAWINGS CONSTITUTES CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS. 5500 MING AVENUE, SUITE 280 A-301CD SECTIONS BUILDINGS C & D 03-116720 BAKERSFIELD, CA 93309 PART 5 - 2013 CALIFORNIA PLUMBING CODE, TITLE 24 CCR, (CPC) (2012 UP IAPMO AS AMENDED BY CA) A-601CD SCHEDULES BUILDINGS C & D (661) 832-5258 13 SHEETS 03-116818 PROVIDE NEW LIGHTING AT ALL PARKING LOTS. REFER (661) 832-4291 FAX ARCHITECTURAL DETAILS **PLUMBING** TO ELECTRICAL PLANS 2013 PART 6 - 2013 CALIFORNIA ENERGY CODE, TITLE 24 CCR 03-117520 DETAILS WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS BASKIN MECHANICAL ENGINEERS, INC. 03-117581 PART 8 - 2013 CALIFORNIA HISTORICAL BUILDING CODE, TITLE 24 CCR PROVIDE NEW SERVICE/DELIVERY DRIVE AT WEST SIDE OF EXISTING DETAILS 03-117625 5500 MING AVE. SUITE 251 MULTI-PURPOSE BUILDING. PART 9 - 2013 CALIFORNIA FIRE CODE, TITLE 24 CCR, DETAILS 03-117986 BAKERSFIELD, CA 93309 (CFC) (2012 IFC, AS AMENDED BY CA) PORTER & ASSOCIATES, INC. ENGINEERING & SURVEYING 03-117987 ARE CERTIFIED NEW AC PAVING THROUGHOUT CAMPUS. SEE SITE PLAN. PHONE: (661) 397-2114 DETAILS 1200 21st STREET PART 10 - 2013 CALIFORNIA EXISTING BUILDING CODE, TITLE 24 CCR, FAX: (661) 397-2116 DETAILS BAKERSFIELD, CA 93301 (IEBC) (2012 ICC, AS AMENDED BY CA) EXISTING COVERED WALKWAY TO BE DEMOLISHED AND REPLACED WITH A MARK BASKIN PHONE: (661) 327-0362 DETAILS PARTIAL NEW COVERED WALKWAY E-MAIL: MBASKIN@BASKINME.COM PART 11 - 2013 GREEN BUILDING STDS CODE, TITLE 24 CCR FAX: (661) 327-1065 DETAILS 7 SHEETS MATTHEW CARSON **MECHANICAL DRAWINGS** THESE PLANS WERE BASED ON PLANS BY OTHERS, FURNISHED BY THE OWNER, INDICATING WORK OF PREVIOUS CONTRACTS. THESE PLANS WILL BE MADE AVAILABLE FOR THE CONTRACTOR'S REVIEW UPON REQUEST. THE OWNER AND THE ARCHITECT SHALL ASSUME NO RESPONSIBILITY FOR THE EXISTING CONDITIONS AND MEASUREMENTS INDICATED ON THESE PLANS. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING MEASUREMENTS AND CONDITIONS NECESSARY TO PROVIDE COMPLETE WORK AS INDICATED BY THE INTENT OF THESE PLANS PRIOR TO PROCEEDING WITH WORK OF THIS CONTRACT. E-MAIL: MATTC@PORTERCIVIL.COM **MECHANICAL** 2013 PART 12 - 2013 CALIFORNIA REFERENCED STANDARDS, TITLE 24 CCR **ALTERATION / MODERNIZATION** MECHANICAL SITE PLAN (PARTIAL LIST - SEE CBC CH. 35 & CFC CH. 45) MECHANICAL DEMOLITION PLAN BUILDING-A BASKIN MECHANICAL ENGINEERS, INC. NEW TOILET FIXTURES. ACCESSORIES. PARTITIONS & SIGNAGE AT LANDSCAPE 5500 MING AVE., SUITE 251 M-113CD MECHANICAL DEMOLITION PLAN BUILDING-CD SELECTED RESTROOMS IN BUILDINGS 'A', 'C', AND 'D'. 2013 NFPA 13, INSTALLATION OF SPRINKLER SYSTEMS BAKERSFIELD, CA 93309 RIOS DESIGN MECHANICAL PLAN BUILDING-A PHONE: (661) 397-2114 3805 ORA VISTA AVE NEW FIRE SPRINKLERS TO BE INSTALLED IN EXISTING BUILDING 'A'. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NONCOMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISH NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REDULATIONS, A CHANGE OF REPORTS. 2013 NFPA 14, INSTALLATION OF STANDPIPE AND HOSE SYSTEMS FAX: (661) 397-2116 BAKERSFIELD, CA 93309 MECHANICAL SECTION PLAN Phone: (661) 835-9259 MARK BASKIN 2013 NFPA 17, DRY CHEMICAL EXTINGUISHING SYSTEMS E-MAIL: MBASKIN@BASKINME.COM Fax: (661) 367-5284 MECHANICAL SCHEDULES NFPA 17A, WET CHEMICAL EXTINGUISHING SYSTEMS MEGAN RIOS MECHANICAL DETAILS OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT BEFORE PROCEEDING WITH THE WORK. ALTERATIONS TO EXISTING MULTI-PURPOSE BUILDING 'A'. EXISTING ROOF E-MAIL: MEGANR@RIOSDESIGN.COM 2013 NFPA 20, INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION MECHANICAL DETAILS TO REMAIN IN PLACE. FOOD SERVICE MECHANICAL DETAILS NFPA 24, INSTALLTION OF PRIVATE FIRE SERVICE MAINS STRUCTURAL CUTTING, BORING, SAWCUTTING OR DRILLING THROUGH THE NEW OR EXISTING STRUCTURAL ELEMENTS TO BE DONE ONLY WHEN SO DETAILED IN THE DRAWINGS OR ACCEPTED BY THE ARCHITECT AND STRUCTURAL ENGINEER WITH THE APPROVAL OF DSA REPRESENTATIVE. (REFERENCE SECTION 4-317(C), CALIF. BUILDING STANDARDS ADMINISTRATIVE CODE (PART1, T24, CCR)) EXISTING CLASSROOM WING BUILDINGS 'C' AND 'D' TO BE COMPLETELY MECHANICAL DETAILS LASCHOBER + SOVICH, INC. NFPA 72, NATIONAL FIRE ALARM CODE (CA AMENEDED); SEE UL STD 1971 FOR "VISUAL DEVICES" REMODELED (INTERIOR). EXISTING ROOFS TO REMAIN IN PLACE. JOHN Q FORESTELLE STRUCTURAL ENGINEER MECHANICAL DETAILS 20301 VENTURA BLVD, SUITE 338 1414 VALHALLA DR. WOODLAND HILLS, CA 91364 MECHANICAL DETAILS 2013 NFPA 80, FIRE DOOR AND OTHER OPENING PROTECTIVES BAKERSFIELD, CA 93309 PHONE (818) 713-9011, EXT. 14 CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY CONSTRUCTION CHANGE DOCUMENT (CCD) AND SIGNED BY THE ARCHITECT AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT AS REQUIRED BY SECTION 4-338 PART 1 TITLE 24 OF THE CALIFORNIA CODE OF MECHANICAL DETAILS NEW ADDITION TO MULTI-PURPOSE BUILDING 'A' AT KITCHEN AREA PHONE: (661) 833-4311 JONATHON TURNBULL 2012 NFPA 2001, CLEAN AGENT FIRE EXTINGUISHER SYSTEMS TITLE 24 REPORT BUILDING 'A FAX: (661) 833-4314 E-MAIL: JTURNBULL@LASCHOBERSOVICH.COM REGULATIONS (CCR). CONSTRUCTION CHANGE DOCUMENT (CCD) MUST BE SIGNED BY ARCHITECT, JOHN Q FORESTELLE E-MAIL:FORESTELLE@SBCGLOBAL.NET TITLE 24 REPORT BUILDING 'A' INSTALLATION OF FIRE EXTINGUISHERS WHERE REQUIRED 17 SHEETS NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT CONSTRUCTION IN CONFLICT WITH THE A CLASS 1 PROJECT INSPECTOR EMPLOYED BY THE DISTRICT AND APPROVED BY THE SEOR, ARCHITECT & DIVISION 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 OF THE CCR. GROUND TEST AND FIRE ALARM TESTS SHALL BE WITNESSED BY THE INSPECTOR. FIRE PROTECTION REQUIREMENTS OF ANY CODE, LAW, ORDINANCE, OR REGULATION. THE FOLLOWING AGENCIES SHALL HAVE MODULAR NEW LANDSCAPE AREAS THROUGHOUT CAMPUS PLUMBING SITE PLAN JURISDICTION OVER THE PROGRESS OF THE WORK: AMERICAN MODULAR SYSTEMS NEW EXTERIOR PAINT AT EXISTING PORTABLE CLASSROOM BUILDINGS. P-113A PLUMBING DEMOLITION PLAN BUILDING-A 787 SPRECKLES AVENUE 895 W. ASHLAN AVE., SUITE 101 SEE SITE PLAN. **DIVISION OF THE STATE ARCHITECT** P-113CD PLUMBING DEMOLITION PLAN BUILDING-CD MANTECA, CA 95336 CLOVIS, CA 93612 2. TITLE 24, PARTS 1-5 MUST BE KEPT ON SITE DURING CONSTRUCTION. PHONE: (209)825-1921 PHONE: (559)348-2130 PLUMBING PLAN BUILDING-A FIRE ALARM / ELECTRICAL **REGULATORY SERVICES:** COUNTY OF KERN: 3. ALL SUBSTITUTIONS AFFECTING DSA REGULATED ITEMS SHALL BE CONSIDERED AS A CONSTRUCTION FAX: (209)825-7018 FAX: (559)348-2131 P-131CD PLUMBING PLAN BUILDING-CD CHANGE DOCUMENT (CCD) AND SHALL BE APPROVED BY DSA PRIOR TO FABRICATION AND INSTALLATION. FIRE DEPARTMENT STRUCTURAL SAFETY SECTION ROMAN LOPEZ SHARON ALVES SUPPLEMENT EXISTING DSA APPROVED FIRE ALARM SYSTEM FOR PLUMBING DETAILS PUBLIC WORKS DEPARTMENT 6 SHEETS FIRE & LIFE SAFETY SECTION EMAIL: ROMAN.L@AMERICANMODULAR.COM E-MAIL: SHARON@LPENGR.COM BUILDING A, B, C, AND D, FOR THIS SCOPE OF WORK. SCHOOL MODERNIZATION PROJECT IS REQUIRED TO HAVE FULLY AUTOMATIC FIRE ALARM SYSTEM PER ACCESS COMPLIANCE SECTION **ELECTRICAL DRAWINGS** GENERAL NOTES, SYMBOLS & DETAILS 5. FIRE RESISTIVE CONSTRUCTION PER C.F.C. SECTION 1111 IS TO BE MAINTAINED. **ENLARGED PLAN & ONE LINE DIAGRAM** 16. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE SCHOOL BOARD SHALL CONDUCT ALL REQUIRED TESTS & INSPECTIONS FOR THE PROJECT. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24 CCR. FIXTURE SCHEDULE FIRE ALARM SCHEDULES **VICINITY MAP** FIRE ALARM DETAILS . GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD & ACCESS REQUIREMENTS & ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINACES. FIRE ALARM RISER DIAGRAM **EXIT REQUIREMENTS** PANEL SCHEDULES **RELOCATABLE NOTES: TITLE 24 INTERIOR TITLE 24 INTERIOR** -PIONEER DR THE DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE SHALL SUBMIT A LETTER CERTIFYING THAT THE E-005.3 **TITLE 24 EXTERIOR** BUILDING CONFORMS TO THE ORIGINALLY APPROVED PLANS AND SPECIFICATIONS AND HAS NOT SUFFERED ALL EXITS SHALL BE OPENABLE DURING BUSINESS HOURS FROM INSIDE WITHOUT USE STRUCTURAL DETERIORATION OR BEEN STRUCTURALLY ALTERED PER DSA IR 16-1 POWER DISTRIBUTION COMPLIANCE FORMS OF A KEY OR ANY SPECIAL KNOWLEDGE. NO DEAD OR SLIDING BOLTS. NO LATCH OR PARTIAL ELECTRICAL DEMOLITION PLAN LATCHING DEVICE EXCEPT PANIC HARDWARE PERMITTED. (UBC SECTION 1004.3 AND THE FOLLOWING DOCUMENTS SHALL BE ON THE JOBSITE PRIOR TO INSTALLATION OF THE UNIT(S), OVERALL ELECTRICAL SITE PLAN INCLUDING THE SERIAL NUMBER FOR EACH UNIT SITE LIGHTING PLAN IN-PLANT VERIFIED REPORT EXIT SIGNS MUST BE INTERNALLY ILLUMINATED. (UBC SECTION 1013.3 AND UFC LABORATORY VERIFIED REPORT EUCALYPTUS DR. SITE PHOTOMETRIC PLAN WELDING VERIFIED REPORT LOCATION FIRE ALARM SITE PLAN OR A DSA CERTIFICATION CLOSEOUT LETTER PROVIDE TWO SEPARATE CIRCUITS FOR EXIT SIGNS CONFORMING TO CODE SECTIONS PARTIAL DATA/COMMUNICATION SITE PLAN AS FOLLOWS: (UBC SECTION 1012.2, SECTION 1013.4 AND UFC SECTION 12.113, SECTION MULTIPURPOSE ELECTRICAL DEMOLITION PLAN THE SITE INSPECTOR SHALL VERIFY THE ABOVE DOCUMENTS ARE APPLICABLE TO EACH UNIT PRIOR TO INSTALLATION OF THE UNIT(S) -112CD CLASSROOM C&D ELECTRICAL DEMOLITION PLANS NOTIFY ARCHITECT AND THE DIVISION OF THE STATE ARCHITECT FIELD ENGINEER IF ANY DISCREPANCIES PROVIDE TWO SEPARATE SOURCES OF POWER FOR EXIT SIGNS CONFORMING TO CODE MULTIPURPOSE LIGHTING DEMOLITION PLAN SECTIONS AS FOLLOWS: (UBC SECTION 1012.2 AND UFC SECTION 12.113 2, SECTION CLASSROOM C & D LIGHTING DEMOLITION PLAN **ELECTRICAL SERVICE** BRECKENRIDGE RD -114A MULTIPURPOSE FIRE ALARM DEMOLITION PLAN EXISTING ELECTRICAL SERVICE HAS BEEN INVESTIGATED FOUND TO HAVE ADEQUATE CAPACITY FOR THE PROPOSED LOAD ADDITION AS SHOWN ON THESE PLANS, OR -114CD CLASSROOM C&D FIRE ALARM DEMOLITION PLAN B) SOURCE OF POWER HAS BEEN INVESTIGATED AND IS ADEQUATE FOR THE ADDITIONAL LOAD. MULTIPURPOSE DATA/COMM. DEMOLITION PLAN SITE INSPECTOR IS TO WITNESS AND VERIFY GROUNDING TESTS FIRE PROTECTION -115CD CLASSROOM C&D COMMUNICATION DEMOLITION PLAN MULTIPURPOSE POWER PLAN 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 **SHEET INDEX** -121CD CLASSROOM C&D POWER PLAN EDITION OF THE CBC IN FORCE AT THE TIME OF ORIGINAL CONSTRUCTION, THE CONDITION MUST BE ENLARGED MULTIPURPOSE POWER PLAN CORRECTED IN ACCORDANCE WITH CURRENT CODE REQUIREMENTS. A CHANGE ORDER, CCD, OR A PROVIDE ONE 4A 10 B.C. RATED EXTINGUISHER FOR EACH 6,000 SQUARE -131A MULTIPURPOSE LIGHTING PLAN **GENERAL INFORMATION** SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILING AND SPECIFYING THE REQUIRED REPAIR WORK FEET OR PORTION THEREOF ON EACH FLOOR - TRAVEL DISTANCE SHALL -131CD CLASSROOM C&D LIGHTING PLAN - E. BRUNDAGE LANE SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE REPAIR WORK. GENERAL INFORMATION SHEET E-141A MULTIPURPOSE ELECTRICAL ROOF PLAN CODE ANALYSIS BUILDINGS SHALL BE DELIVERED IN SEPARATE 12 FT. MODULES AND ASSEMBLED ON SITE. FIRE DAMPER ASSEMBLIES, INCLUDING SLEEVES AND INSTALLATION -151A MULTIPURPOSE FIRE ALARM PLAN CODE ANALYSIS PROCEDURES SHALL BE APPROVED BY THE BUILDING INSPECTOR PRIOR TO -151B ADMINISTRATION FIRE ALARM PLAN CIVIL DRAWINGS BUILDING MANUFACTURER SHALL PLACE TWO PERMANENT METAL IDENTIFICATION LABELS ON EACH -151CD CLASSROOM C&D FIRE ALARM PLAN 34 SHEETS BUILDING MODULE. ONE SHALL BE MECHANICALLY FASTENED IN A VISIBLE LOCATION FROM THE EXTERIOR. TITLE SHEET THE OTHER SHALL BE MECHANICALLY FASTENED TO THE INTERIOR FRAME ABOVE THE CEILING AT THE END OF THE MODULE. LABELS TO SHOW MANUFACTURER, DSA APPLICATION NUMBER, CBC EDITION, SERIAL P-111A BUILDING 'A' MPR FIRE SPRINKLER COVER SHEET TOPOGRAPHIC SURVEY NUMBER. CLIMATE ZONE, DESIGN LOADS, WIND LOADS, AND SEISMIC FACTORS (Ss). P-112A FIRE SPRINKLER NOTES TOPOGRAPHIC SURVEY ACCESSIBILITY STANDARDS P-121A BUILDING 'A' MPR FIRE SPRINKLER REF. SITE PLAN THE PROFESSIONAL IN GENERAL CHARGE SHALL SIGN AND SEAL ALL DRAWINGS. REPORTS AND GRADING & DRAINAGE PLAN- WEST AREA **VOORHIES ELEMENTARY SCHOOL** SPECIFICATIONS OR PROVIDE THE STATEMENT OF GENERAL CONFORMANCE PER DSA IR A-18. THE DESIGN P-131A BUILDING 'A' MPR FIRE SPRINKLER PIPING PLAN NTS GRADING & DRAINAGE PLAN- EAST AREA PROFESSIONAL TO WHOM THE WORK HAS BEEN DELEGATED SHALL SIGN AND SEAL ALL DRAWINGS, FP-141A BUILDING 'A' MPR FIRE SPRINKLER REFLECTED CLG. PLAN **GRADING & DRAINAGE PLAN-DETAILS** 6001 Pioneer Dr, Bakersfield, CA 93306 PHONE: (661)631-5885 CALCULATIONS AND SPECIFICATIONS OF THAT PORTION OF THE WORK PER DSA IR A-19. P-2()A BUILDING 'A' MPR FIRE SPRINKLER DETAILS 6 SHEETS SEWER & WATER PLAN HAND ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 34 INCHES AND 44 INCHES ABOVE FLOOR. LATCHING AND LOCKING DOORS THAT ARE FIRE WATER PLAN HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A FOOD SERVICE EQUIPMENT SCHEDULE **ARCHITECTS STATEMENT** SINGLE EFFORT BY LEVER TYPE HARDWARE, BY PANIC BARS, PUSH-PULL ACTIVATION OOD SERVICE EQUIPMENT PLAN SITE PLAN DEMOLITION BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING OOD SERVICE PLUMBING PLAN THE ABILITY TO GRASP AND TURN OPENING HARDWARE. LOCKED EXIT DOORS SHALL THE DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET OPERATE AS ABOVE IN EGRESS DIRECTION. OOD SERVICE ELECTRICAL PLAN ENLARGED PLAN THIS DRAWING, PAGE OF SPECIFICATIONS/CALCULATIONS, OR THE ATTACHED LIST OF ITEMS OOD SERVICE BUILDING WORKS PLAN ANDSCAPE DRAWINGS MAXIMUM EFFORT TO OPERATE SHALL NOT EXCEED 5 POUNDS FOR EXTERIOR DOORS HAVE BEEN APPROVED BY OTHER DESIGN PROFESSIONALS OF CONSULTANTS WHO ARE LICENSED AND /OR AUTHORIZED TO PREPARE SUCH DRAWINGS IN THIS STATE. IT HAS BEEN EXAMINED BY ME FOR: FOOD SERVICE BUILDING WORKS DETAILS LANDSCAPE HYDROZONE PLAN AND 5 POUNDS FOR INTERIOR DOORS. SUCH PULL OR PUSH EFFORT BEING APPLIED FOOD SERVICE EQUIPMENT DETAILS STAINLESS STEEL TREE & TURF IRRIGATION PLAN AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR 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 G-600.2 FOOD SERVICE EQUIPMENT DETAILS STAINLESS STEEL FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE TREE & TURF IRRIGATION PLAN UTILIZED TO MEET THE ABOVE STANDARDS WHEN FIRE DOORS ARE REQUIRED. THE FOOD SERVICE EQUIPMENT ELEVATIONS & DETAILS SHRUB IRRIGATION PLAN 2. COORDINATION WITH MY PLANS AND SPECIFICATIONS AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED NOT TO EXCEED 15 FOOD SERVICE EQUIPMENT ELEVATIONS & DETAILS SHRUB IRRIGATION PLAN POUNDS. REMOTE REFRIGERAION SYSTEM DETAILS THE STATEMENT OF GENERAL CONFORMANCE SHALL NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS, DUTIES, AND RESPONSIBILITIES UNDER SECTION 17302 AND 81138 OF THE EDUCATION CODE AND IRRIGATION LEGEND, NOTES & CALCULATIONS CONSTRUCTION: THE BOTTOM 10" OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING COLD STORAGE ROOM DETAILS IRRIGATION DETAILS SECTIONS 4-336, 4-341 AND 4-344 OF TITLE 24, PART 1. (TITLE 24, PART 1, SECTION 4-317(b)) SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE (-902 | COLD STORAGE ROOM DETAILS IRRIGATION DETAILS OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS REFER TO SHEET INDEX FOR A LIST OF "DRAWINGS PREPARED BY OTHERS" IRRIGATION DETAILS **DRAWINGS BY OTHERS** CONDITION. WHERE NARROW FRAMES ARE USED, A 10" HIGH SMOOTH PANEL SHALL BE INCLUDING ALL DRAWINGS AND/OR CALCULATIONS PREPARED FOR BY: TREE & TURF PLANTING PLAN INSTALLED ON THE PUSH SIDE OF THE DOOR, WHICH WILL ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS MODULAR STRUCTURES INTERNATIONAL, INC. TREE & TURF PLANTING PLAN TITLE SHEET SHRUB PLANTING PLAN IDENTIFIED BY THE FOLLOWING NUMBERS 11.0 GENERAL NOTES SHRUB PLANTING PLAN FOR HINGED DOORS, THE OPENING WIDTH SHALL BE MEASURED WITH THE DOOR IDENTIFIED BY THE FOLLOWING: STOCKPILE A# 68505 GENERAL NOTES POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION. AT LEAST ONE PLANTING DETAILS & NOTES CLASSROOM BUILDING-24'X40' OF A PAIR OF DOORS SHALL MEET THIS OPENING WIDTH REQUIREMENT. STRUCTURAL DRAWINGS SCHEDULES ACCESSIBILITY STANDARDS DETAILS S-101 GENERAL NOTES IN ADDITION TO ALL LOCAL CODES, HANDICAP REQUIREMENTS SHALL COMPLY WITH S-102 TYPICAL DETAILS ENERGY CALCULATIONS THE CALIFORNIA BUILDING CODE, TITLE 24, AS WELL AS FEDERAL A.D.A., (AMERICANS ENERGY CALCULATIO S-103 TYPICAL DETAILS EN.3 ENERGY CALCULATIONS -201 FOUNDATION PLAN BUILDING-'A' CEILING FRAMING PLAN BUILDING-'A' ENERGY CALCULATION S-203 ROOF FRAMING PLAN BUILDING-'A' EN.5 ENERGY CALCULATIONS S-205 FOUNDATION & ROOF FRAMING PLANS BUILDING-'C' & 'D' ENERGY CALCULATIONS FLOOR PLAN I CERTIFY THAT THIS DRAWING OR PAGE (CHECK BOTH BOXES): RESTROOM OPTION FLOOR PLANS DETAILS ■ IS GENERAL CONFORMANCE AND S-303 DETAILS BOOF PLAN MAS BEEN COORDINATED S-304 DETAILS 2.1 ROOF DETAILS S-305 DETAILS INTERIOR ELEVATIONS TYPICAL EXTERIOR ELEVATION STUCCO OPTION

> 5500 MING AVENUE SUITE 280 BAKERSFIELD, CALIFORNIA **TELEPHONE** (661) 832-5258 **FACSIMILE** (661) 832-4291



WILLIAM J. MELBY, AIA ARCHITECT C-16835



MODERNIZATION AT MARSA VOORHIES ELEMENTARY SCHOOL

6001 PIONEER DRIVE BAKERSFIELD. CA 93307

BAKERSFIELD CITY SCHOOL DISTRICT

1300 BAKER STREET **BAKERSFIELD CA 93305**

PTN: 63321-186 DATE DSA SUBMITTAL 11/01/16

2015-1663

1663 VOORHIES MOD-Site Plan - CD18.plr

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CHECK AND VERIFY ALL DIMENSIONS BEFORE THE DRAWINGS, IDEAS, AND DESIGNS REPRESENTED ON THIS SHEET ARE THE

REPORT DISCREPANCIES TO THE ARCHITECT. PROPERTY OF THE ARCHITECT. ORDIZ-MELBY ARCHITECTS, INC. 2014

SHEET TITLE

GENERAL SHEET

SHEET IDENTIFICATION NUMBER

BENCHMARK USED:

TOP OF NAIL SET IN THE TOP OF CURB AT SOUTH END OF SOUTHWEST CURB RETURN AT THE INTERSECTION OF PIONEER DRIVE AND PARK DRIVE.

ELEVATION = 500.00 (ASSUMED DATUM)

(FOR WORK WITHIN COUNTY RIGHT-OF-WAY)

COUNTY OF KERN GENERAL NOTES

- 1. ALL CONSTRUCTION SHALL CONFORM TO THIS PLAN, CALIFORNIA BUILDING CODE, LATEST EDITION AND STANDARDS PERTAINING THERETO. THESE DOCUMENTS SHALL BE MADE A PART HEREOF. 2. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS BEFORE START OF
- 3. PRIOR TO THE START OF ANY PHASE OF CONSTRUCTION WITHIN THE STREET RIGHT-OF-WAY, THE CONTRACTOR SHALL GIVE THE COUNTY CONSTRUCTION INSPECTION DEPARTMENT 48 HOURS NOTICE. 4. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING DIMENSIONS, DATA AND MEASUREMENTS AT THE BUILDING SITE PRIOR TO CONSTRUCTION. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS ON
- THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. PORTER & ASSOCIATES, INC. MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY 5. EXISTING UTILITY AND UNDERGROUND LINES HAVE BEEN SHOWN ON THIS PLAN IN AN APPROXIMATE WAY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION AND DEPTH OF ALL EXISTING UTILITIES AND UNDERGROUND PIPELINES BEFORE COMMENCING WORK. THE CONTRACTOR AGREES TO
- BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR BY HIS FAILURE TO EXACTLY LOCATE, PRESERVE AND PROTECT ANY AND ALL UNDERGROUND UTILITIES AND PIPELINES. THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT (U.S.A.: 1-800-227-2600) TWO WORKING DAYS PRIOR TO ANY CONSTRUCTION OR EXCAVATION. 5. ANY EXISTING IMPROVEMENTS OR UTILITIES THAT ARE REMOVED, DAMAGED OR UNDERCUT BY
- AS DIRECTED BY THE ENGINEER AND APPROVED BY THE GOVERNING AUTHORITY 7. IF A PROBLEM OR CONFLICT SHOULD ARISE DURING THE COURSE OF THE PROJECT, IT IS THE RESPONSIBILITY OF THE OWNER OR GRADING CONTRACTOR TO NOTIFY THE ENGINEER IMMEDIATELY PRIOR TO ANY FURTHER WORK.

CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE,

- 8. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, TOOLS, EQUIPMENT AND SUPERVISION NECESSARY FOR A COMPLETE AND FUNCTIONAL PRODUCT 9. ALL WORK WHICH IS DEFECTIVE IN ITS CONSTRUCTION OR DEFICIENT IN ANY OF THE
- REQUIREMENTS OF THESE DRAWINGS AND SPECIFICATIONS SHALL BE REMEDIED, OR REMOVED AND REPLACED BY THE CONTRACTOR IN AN ACCEPTABLE MANNER, AND NO COMPENSATION WILL BE ALLOWED FOR SUCH CORRECTION.
- 10. IN THE EVENT CONSTRUCTION STAKING BASED ON THE CONSULTANT'S PLANS, DRAWINGS OR OTHER DOCUMENTS IS ACCOMPLISHED BY ANYONE OTHER THAN THE CONSULTANT, THE OWNER OR CONTRACTOR SHALL NOTIFY THE BUILDING OFFICIAL IN WRITING AS TO THE CHANGE OF ENGINEER
- 11. THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT; INCLUDING EROSION, SEDIMENTATION & DUST CONTROL PLAN AND STORM WATER POLLUTION PREVENTION PLAN IMPLEMENTATION AND THE SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE
- NEGLIGENCE OF THE OWNER OR THE ENGINEER. 12. IF THE CONTRACTOR IS IN DOUBT AS TO THE MEANING OF ANY PART OF THE DRAWINGS AND SPECIFICATIONS OR FINDS DISCREPANCIES IN OR OMISSIONS FROM THE DRAWINGS, HE SHALL SUBMIT A WRITTEN REQUEST FOR AN INTERPRETATION OR A CORRECTION THEREOF, PRIOR TO FILING HIS BID PRICE FOR THE PROJECT
- 13. PORTER & ASSOCIATES, INC. SHALL NOT BE RESPONSIBLE OR LIABLE FOR UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ANY AND ALL CHANGES TO THESE PLANS MUST BE APPROVED IN WRITING BY PORTER & ASSOCIATES, INC. 14. TRENCHING SHALL MEET THE REQUIREMENTS OF CAL-OSHA TRENCHING ORDERS AND THE
- CONTRACTOR SHALL COMPLY WITH SECTION 6422 OF THE LABOR CODE. 15. TRENCHING SHALL BE BACKFILLED ACCORDING TO COUNTY STANDARD PLATE S-1. ANY TRENCHING TO BE CONDUCTED WITHIN COUNTY RIGHT-OF-WAY SHALL BE BACKFILLED AND
- COMPACTED AS DIRECTED BY THE COUNTY ENGINEER. 16. DURING GRADING AND CONSTRUCTION, ALL ACTIVITIES ADJACENT TO RESIDENTIAL DEVELOPMENT SHALL BE LIMITED FROM 7:00AM TO 7:00PM, MONDAY THROUGH FRIDAY. CONSTRUCTION WILL NOT BE ALLOWED ON WEEKENDS OR FEDERAL HOLIDAYS. VERIFICATION OF COMPLIANCE WITH THIS MITIGATION MEASURE SHALL BE THE RESPONSIBILITY OF THE KERN COUNTY ENGINEERING AND
- SURVEY SERVICES DEPARTMENT/BUILDING INSPECTION DIVISION. 17. ALL USED OIL SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS FOLLOWING CONSULTATION WITH THE KERN COUNTY ENVIRONMENTAL HEALTH SERVICES DEPARTMENT/HAZARDOUS MATERIALS SECTION, STATE OF CALIFORNIA DEPARTMENT OF HEALTH, AND THE ENVIRONMENTAL PROTECTION AGENCY. ALL USED OIL AND OTHER WASTES SHALL BE TRANSPORTED BY A REGISTERED WASTE HAULER.
- 18. NORMAL STAKING AND MARKING OF THE PROJECT WILL BE SUPPLIED ONLY ONCE. ALL RESTAKING OR REMARKING SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

- ACCESSIBILITY NOTES ARE PROVIDED FOR REFERENCE ONLY. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE CALIFORNIA BUILDING CODE AND ADA STANDARDS. THE CONTRACTOR SHALL OBTAIN THE LATEST EDITION THEREOF. CURB RAMPS SHALL BE 8.33% MAXIMUM GRADE
- . PERPENDICULAR CURB RAMP SIDE SLOPES SHALL NOT EXCEED 10% GRADIENT. 4. SURFACE SLOPE OF RAMPS SHALL NOT EXCEED 8.33%.
- 5. ACCESSIBLE ROUTE SLOPES SHALL NOT EXCEED 5%, UNLESS CONSTRUCTED AS A RAMP AND HANDRAILS ARE PROVIDED
- 6. ACCESSIBLE ROUTE CROSS SLOPES SHALL NOT EXCEED 2%. 7. RAMP LANDINGS SHALL NOT EXCEED 2% MAXIMUM GRADE IN ANY DIRECTIONS.
- 8. GRATINGS LOCATED WITHIN ACCESSIBLE ROUTES SHALL HAVE MAXIMUM 1/2" OPENINGS IN THE DIRECTION OF PEDESTRIAN TRAVEL. 9. TRANSITIONS ALONG ACCESSIBLE ROUTES SHALL BE FLUSH WITH CHANGES IN LEVEL NO GREATER
- GRADIENT OF 1:2. CHANGES IN LEVEL BETWEEN O" AND 1/4" MAY BE VERTICAL 10. EXCEPT BETWEEN SIDEWALKS AND ADJACENT STREETS OR DRIVEWAYS, ABRUPT CHANGES IN LEVEL EXCEEDING 4" ALONG A PATH OF TRAVEL SHALL BE PROTECTED BY A WARNING CURB A MINIMUM OF 6" IN HEIGHT ABOVE THE WALKWAY SURFACE, A WARNING CURB IS NOT REQUIRED WHEN A GUARD OR HANDRAIL IS PROVIDED WITH A GUIDE RAIL CENTERED 2" MINIMUM AND 4"

THAN ½". CHANGES IN LEVEL BETWEEN ¼" AND ½" SHALL BE BEVELED WITH A MINIMUM

11. ALL ACCESSIBLE DOORS SHALL HAVE LEVEL LANDINGS IN ACCORDANCE WITH CALIFORNIA BUILDING CODE, CURRENT EDITION.

ONSITE SEWER SPECIFICATIONS

MAXIMUM ABOVE THE WALKWAY SURFACE.

- 1. ALL MATERIALS INSTALLATION SHALL CONFORM TO DIVISION 3 OF THE COUNTY OF KERN DEVELOPMENT STANDARDS AND WITH THE RECOMMENDATIONS OF THE MANUFACTURER. 2. ALL PIPE AND FITTINGS SHALL BE MARKED OR STAMPED WITH THE TRADE BRAND NAME OF THE
- MANUFACTURER, AND STRENGTH OR CLASS OF PIPE. 3. PVC PIPE INSTALLATION: A. MATERIALS: PIPE AND FITTINGS SHALL MEET THE REQUIREMENTS OF ASTM SPECIFICATIONS D 3034 AND SDR 35. PIPE AND FITTINGS SHALL BE HOMOGENEOUS THROUGHOUT AND FREE FROM CRACKS, HOLES, FOREIGN INCLUSIONS OR OTHER INJURIOUS DEFECTS. FITTINGS SHALL
- BE INJECTION MOLDED AND SHALL BE INSTALLED IN LINE ON NEW PIPELINES; CUT-IN FITTINGS ARE NOT PERMITTED. B. JOINTS: USE ONLY ELASTOMERIC GASKET JOINTS. GASKETS SHALL COMPLY WITH ASTM F477. THE ASSEMBLY OF JOINTS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S
- C. INSTALLATION: PIPE AND FITTINGS SHOULD BE INSTALLED IN ACCORDANCE WITH ASTM D 2321. ONLY CLASS I OR II EMBEDMENT MATERIALS WILL BE CONSIDERED SUITABLE. . WYE-FITTINGS SHALL BE INJECTION MOLDED IN-LINE AND SHALL BE USED FOR ALL LATERAL
- CONNECTIONS AND SHALL BE ROTATED A MINIMUM OF 23" AND A MAXIMUM OF 45" ABOVE THE HORIZONTAL PLANE RUNNING THROUGH THE CENTERLINE OF THE MAIN. WYE FITTINGS ONLY SHALL BE USED FOR VCP. ALL SEWER STUBS SHALL BE CLOSED WITH A STANDARD PLASTIC PLUG
- (SOLVENT WELDED). 5. ALL BUILDING SEWERS SHALL EXTEND TO WITHIN FIVE FEET FROM THE BUILDING.
- 6. CLEANOUTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH COUNTY OF KERN STANDARD PLATE No. S-7. MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH COUNTY OF KERN STANDARD PLATE No. S-5. COVERS AND LIDS SHALL CONFORM TO COUNTY OF KERN STANDARD PLATE No. S-8. PRIVATE "ONSITE" MANHOLE COVERS SHALL NOT READ "COUNTY OF KERN".
- INSTALLED PIPE SHALL BE CLEANED AND TESTED IN ACCORDANCE WITH COUNTY OF KERN DEVELOPMENT STANDARDS AND WITH THE RECOMMENDATIONS OF THE MANUFACTURER AND ACCEPTABLE TO THE ENGINEER. 24 HOURS NOTICE WILL BE REQUIRED FOR TEST AND INSPECTION 8. PRIOR TO FINAL ACCEPTANCE OF THE SEWER SYSTEM, ALL ONSITE LINES SHALL BE INSPECTED WITH
- VIDEO EQUIPMENT DESIGNED FOR THIS PURPOSE AND AS APPROVED BY THE ENGINEER. THE TELEVISION CAMERA SHALL HAVE THE CAPABILITY OF ROTATING 360°, IN ORDER TO VIEW AND RECORD THE TOP AND SIDES OF THE PIPE, AS REQUIRED. THE VIDEO INSPECTIONS SHALL BE WITNESSED BY A REPRESENTATIVE OF THE ENGINEER. WHO WILL ALSO INITIAL AND DATE THE "CHAIN OF CUSTODY" FORM. A RECORDED VIDEO CASSETTE, THE COMPLETED "CHAIN OF CUSTODY" FORM AND A WRITTEN LOG (WHICH INCLUDES THE STATIONING, BASED ON THE STATIONING OF THE APPROVED PLANS, OF ALL CONNECTED LATERALS) OF THE INSPECTION SHALL BE PROVIDED FOR VIEWING AND SHALL BE APPROVED BY THE ENGINEER PRIOR TO ACCEPTANCE. AFTER ACCEPTANCE OF THE SYSTEM. THE VIDEO CASSETTE, FORMS AND LOGS SHALL BECOME THE PROPERTY OF THE ENGINEER.

ASPHALT CONCRETE NOTES

- 1. THIS SECTION COVERS THE FURNISHING OF LABOR AND EQUIPMENT FOR EXCAVATION. TRENCHING. BACKFILLING AND ALL OTHER EARTHWORK OPERATIONS REQUIRED TO COMPLETE THE INSTALLATION OF ASPHALT PAVING AS INDICATED ON THE DRAWINGS AND HEREIN SPECIFIED. ALL REFERENCES TO PROVISIONS SHALL BE TO THE CALTRANS STANDARD SPECIFICATIONS, CURRENT EDITION, UNLESS OTHERWISE NOTED.
- . AGGREGATE BASE SHALL BE "CLASS 2" UNLESS OTHERWISE NOTED AND SHALL CONFORM TO THE PROVISIONS IN SECTION 26, "AGGREGATE BASES," OF THE CALTRANS STANDARD SPECIFICATIONS. AGGREGATE BASE SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DRY DENSITY. 3. ASPHALT CONCRETE SHALL BE "TYPE B" UNLESS OTHERWISE NOTED AND SHALL CONFORM TO
- THE PROVISIONS IN SECTION 39, "ASPHALT CONCRETE," OF THE CALTRANS STANDARD SPECIFICATIONS AND THE FOLLOWING SPECIAL PROVISIONS: A. ASPHALT CONCRETE SHALL HAVE A BITUMINOUS BINDER. THE BINDER SHALL BE PG 64-10 PERFORMANCE GRADED ASPHALT AND SHALL CONFORM TO THE REQUIREMENTS OF THE TABLE FOR PERFORMANCE GRADED ASPHALT BINDER IN SECTION 92-1.02(B), "GRADES" OF THE
- B. THE AMOUNT OF BITUMINOUS BINDER TO BE MIXED WITH THE MINERAL AGGREGATE SHALL BE BETWEEN FOUR PERCENT (4%) AND SIX PERCENT (6%) BY WEIGHT OF DRY MINERAL AGGREGATE. THE EXACT AMOUNT OF BITUMINOUS BINDER TO BE MIXED WITH THE MINERAL AGGREGATE WILL BE DETERMINED BY THE ENGINEER.
- ASPHALT CONCRETE SURFACING SHALL BE CONSTRUCTED IN ACCORDANCE WITH REQUIREMENTS OF SECTION 39. A PRIME COAT SHALL NOT BE APPLIED TO THE BASE PRIOR TO PLACING ASPHALT CONCRETE SURFACING. D. ASPHALT CONCRETE SHALL BE COMPACTED TO 92-94% OF THE MAXIMUM THEORETICAL
- DENSITY AS DETERMINED BY ASTM D-2041. IN-PLACE DENSITY SHALL BE DETERMINED IN ACCORDANCE WITH CALIFORNIA TEST 375. E. AT CONNECTIONS TO EXISTING AC SURFACES. THE EXISTING SURFACE SHALL BE SAWCUT AND REMOVED TO A NEAT LINE BEFORE THE PAVING OR AS DIRECTED BY THE ENGINEER.
- F. THE MIXTURE SHALL BE APPLIED AT A MINIMUM TEMPERATURE OF 225'F. SPREADING SHALL BE PERFORMED BY SELF-PROPELLED ASPHALT PAVERS THAT PRODUCE AN ASPHALT CONCRETE SURFACING OF UNIFORM SMOOTHNESS AND TEXTURE.
- G. ALL SPILLAGE OF ASPHALT CONCRETE OUTSIDE OF THE DESIGNATED PAVING AREA SHALL BE PROMPTLY SWEPT UP AND REMOVED. H. FOG SEAL SHALL BE APPLIED TO ALL NEWLY PAVED SURFACES WITHIN TWO WEEKS AFTER
- THE PAVING IS PLACED. FOG SEAL SHALL BE APPLIED IN ACCORDANCE WITH SECTION 37-1. I. FINISHING ROADWAY SHALL CONFORM TO THE PROVISIONS OF SECTION 22. K. ALL ASPHALT CONCRETE SHALL BE CONSTRUCTED TO THE TOLERANCES ALLOWED IN
- SECTION 39-6.03 AS MODIFIED BY THESE PLANS. A.C. AND BASE THICKNESS SHOWN ON THESE PLANS ARE MINIMUMS AND LESSER THICKNESS WILL NOT BE ALLOWED 4. A TINTED PRE-EMERGENT HERBICIDE SHALL BE APPLIED OVER NATURAL GROUND IN ALL AC PAVED PARKING LOT AREAS AND DRIVE AISLES PRIOR TO PLACING ANY BASE OR PAVING. APPLY IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. NO WEED CONTROL CHEMICAL IS TO BE APPLIED TO AREAS DESIGNATED FOR PLANTING.

- UNLESS OTHERWISE SPECIFIED ON THESE PLANS, THE STORM DRAIN PIPE SHALL BE ONE OF THE FOLLOWING:
- A. REINFORCED CONCRETE PIPE (R.C.P): REINFORCED CONCRETE PIPE SHALL BE CLASS IV (ASTM C76) AND SHALL CONFORM TO THE REQUIREMENTS OF SECTION 65 OF THE CALTRANS STANDARD SPECIFICATIONS DATED MAY 2006. JOINTS SHALL BE RUBBER GASKETED IN CONFORMANCE WITH THE PROVISIONS OF SECTION 651.06 OF THE STANDARD SPECIFICATIONS. CEMENT MORTAR JOINTS SHALL ONLY BE USED WHEN THE PIPE INVERT ELEVATION IS HIGHER THAN ONE HALF THE DRAINAGE SUMP DESIGN WATER SURFACE DEPTH ELEVATION. CONCRETE PIPE SHALL BE LAID IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 65 OF THE STANDARD SPECIFICATIONS. IN ADDITION TO THE ABOVE REQUIREMENTS, ALL RUBBER GASKETED JOINT RINGS SHALL BE CHECKED WITH A GAUGE ALL THE WAY AROUND THE PIPE AFTER THE JOINT HAS BEEN ASSEMBLED TO DETERMINE THAT THE RING HAS BEEN PROPERLY LOCATED AND SEATED. IMPROPERLY MADE JOINTS SHALL BE PULLED APART AND SATISFACTORILY REMADE.
- B. CAST-IN-PLACE CONCRETE PIPE: CAST-IN-PLACE MONOLITHIC CONCRETE PIPE SHALL CONFORM TO THE REQUIREMENTS OF SECTION 63 OF THE CALTRANS STANDARD SPECIFICATIONS DATED MAY 2006.
- C. POLYVINYL CHLORIDE (P.V.C.) DRAIN PIPE
- 1) 15" & SMALLER DIAMETER P.V.C. PIPE SHALL BE IN ACCORDANCE WITH UNI-BELL STANDARD UNI-B-4 AND ASTM D3034, SDR35, AND THE INTEGRAL BELL, GASKETED JOINT SHALL COMPLY WITH UNI-BELL STANDARD UNI-B-4 AND ASTM D3212. 2) 18" & LARGER DIAMETER P.V.C. PIPE SHALL CONFORM TO UNI-BELL STANDARD UNI-B-9 AND ASTM F679 AND SHALL HAVE AN INTEGRAL BELL, GASKETED JOINT, THAT CONFORMS TO ASTM D-3212 (J-M PERMA-LOC SERIES 46 GRAVITY SEWER PIPE OR APPROVED EQUAL). ALL P.V.C. PIPE SHALL BE INSTALLED AND BEDDED IN STRICT ADHERENCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND IN
- D. POLYETHYLENE (PE) LARGE DIAMETER PROFILE PIPE SHALL CONFORM TO ASTM F894. RUBBER GASKETED JOINTS SHALL BE USED AT ALL LOCATIONS AND SHALL COMPLY WITH ASTM D3212. CORRUGATED POLYETHYLENE PIPE (PE): PIPE COMPLYING WITH AASHTO M252, M294, MP7 D. AND ASTM D3350. INTERIOR OF PIPES SHALL BE SMOOTH AND SHALL HAVE A "N VALUE" OF NOT LESS THAN 0.010. PIPE SHALL BE JOINTED WITH GASKETED BELL AND SPIGOT JOINTS COMPLYING WITH AASHTO M252 AND N294. GASKETS SHALL COMPLY WITH ASTM F477 AND ASTM D1149. PROVIDE MINIMUM COVERAGE PER MANUFACTURER'S SPECIFICATIONS.

ACCORDANCE WITH ASTM D2321 -LATEST EDITION FOR UNDERGROUND

INSTALLATION OF FLEXIBLE THERMOPLASTIC SEWER PIPE.

- 1) ACCEPTABLE CORRUGATED POLYETHYLENE PIPE MANUFACTURER: a. HANCOR "SURE LOK" OR EQUAL.
- 2) PE PIPE BACKFILL SHALL BE CLASS I OR CLASS II BACKFILL MATERIALS FOR PIPE BEDDING. BACKFILL TO 6" ABOVE TOP OF PIPE.

GENERAL STORM DRAIN NOTES:

- 1. THE CONTRACTOR SHALL REMOVE OR RELOCATE ALL OBSTRUCTIONS AS DIRECTED BY THE ENGINEER.
- 2. USE OF ANY OF THE ABOVE PIPE MATERIALS SHALL FIRST BE APPROVED BY THE ENGINEER PRIOR TO BIDDING
- 3. ALL MATERIALS INSTALLATION SHALL BE IN CONFORMANCE WITH THE RECOMMENDATIONS OF THE MANUFACTURER. 4. ALL PIPE FITTINGS SHALL BE MARKED OR STAMPED WITH THE TRADE BRAND NAME OF
- THE MANUFACTURER, AND STRENGTH OR CLASS OF PIPE.
- 1. CONCRETE SHALL CONTAIN 505 POUNDS OF CEMENTITIOUS MATERIAL UNLESS OTHERWISE APPROVED IN WRITING BY THE ENGINEER.
- 2. CONCRETE SHALL CONFORM TO SECTION 90 OF CALTRANS STANDARD PLANS AND SPECIFICATIONS DATED MAY 2010.
- 3. CEMENT SHALL BE IN CONFORMANCE WITH ASTM C150, TYPE 2 AND SHALL BE ENTIRELY FROM ONE MANUFACTURER.
- 4. ALL AGGREGATE SHALL CONFORM TO THE REQUIREMENTS OF ASTM C33.
- 5. ALL WATER FOR CONCRETE SHALL BE CLEAN AND FREE FROM DETRIMENTAL AMOUNTS OF ACID. ALKALI AND ORGANIC MATTER AND SHALL BE FROM A DOMESTIC WATER SUPPLY.
- 6. CONCRETE SHALL BE CURED AS SPECIFIED IN SECTION 90-1.03 OF CALTRANS STANDARD PLANS AND SPECIFICATIONS DATED MAY 2010.
- 7. CONTROL JOINTS IN SIDEWALK SHALL BE SPACED NO MORE THAN 8' ON CENTER AND NO MORE THAN 15' ON CENTER FOR OTHER FLAT WORK.
- 8. CONTROL JOINTS IN CURBS, CURB & GUTTER, AND "V" GUTTER SHALL BE SPACED @ 15' O.C.

9. COMPACT SUBGRADE UNDER ALL CONCRETE CURBS, FLATWORK, ETC. TO A MINIMUM DEPTH OF 6" TO 90% MAXIMUM DENSITY. CONTRACTOR SHALL PROVIDE COMPACTION TEST RESULTS PREPARED BY A CERTIFIED LAB TO THE OWNER & CORRECT FAILURES AT CONTRACTOR'S

ONSITE TRENCHING NOTES

- 1. TRENCHING SHALL MEET THE REQUIREMENTS OF CAL-OSHA TRENCHING ORDERS AND THE CONTRACTOR SHALL COMPLY WITH SECTION 6422 OF THE LABOR CODE.
- 2. TRENCHING SHALL BE BACKFILLED AND COMPACTED PER COUNTY OF KERN STANDARD PLATE S-1. 3. ALL EXISTING PAVING AND SURFACING REMOVED, DAMAGED OR UNDERCUT SHALL BE REPLACED IN
- ACCORDANCE WITH THE COUNTY OF KERN STANDARD PLATE R-67. 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING ALL TRENCHES. IF TRENCHES OR PIPING BECOME DAMAGED DUE TO WATER INFILTRATION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR THE TRENCH AND PIPING TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- 5. FLOODING, JETTING, OR SIMILAR CONSOLIDATION METHODS SHALL NOT BE USED FOR BACKFILL COMPACTION. 6. CLASS I BEDDING AND EMBANKMENT IS REQUIRED FOR ALL PLASTIC SEWER PIPE WITHIN THE PIPE ZONE. CLASS I BACKFILL IS NOT REQUIRED IF PIPE SLOPE EXCEEDS 1%.

7. COMPACTION TESTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE NUMBER AND LOCATION OF

- REQUIRED TESTS SHALL BE DETERMINED BY THE ENGINEER. THE COST OF RETESTING DUE TO FAILED COMPACTION TESTS WILL BE BACKCHARGED TO THE CONTRACTOR. THE FULL LENGTH OF PIPE. BELL HOLES SHALL BE PROVIDED AT EACH JOINT. ANY PORTION OF THE
- TRENCH BOTTOM EXCAVATED BELOW GRADE SHALL BE BACKFILLED TO GRADE AND COMPACTED AS REQUIRED TO PROVIDE FIRM PIPE SUPPORT. WHEN AN UNSTABLE SUB GRADE CONDITION IS ENCOUNTERED WHICH WILL PROVIDE INADEQUATE PIPE SUPPORT, OR WHEN LEDGE ROCK, BOULDERS, OR LARGE STONES ARE ENCOUNTERED, ADDITIONAL TRENCH DEPTH SHALL BE EXCAVATED AND REFILLED WITH SUITABLE FOUNDATION MATERIAL AND COMPACTED.
- 9. CONTRACTOR SHALL COMPLY WITH TRENCHING RECOMMENDATIONS IN SOILS REPORT.

NOTE TO CONTRACTOR

ALL MANHOLES AND CLEANOUTS WITHIN DEVELOPMENT, INCLUDING EXISTING MANHOLES, SHALL BE ADJUSTED TO FINISH GRADE IN ACCORDANCE WITH CITY OF BAKERSFIELD STANDARDS. EXISTING MANHOLES MAY REQUIRE REMOVAL OF EXISTING CONE, AND REMOVAL OR "CHANGE OUT" OF BARREL RINGS.

EX BUILDINGS

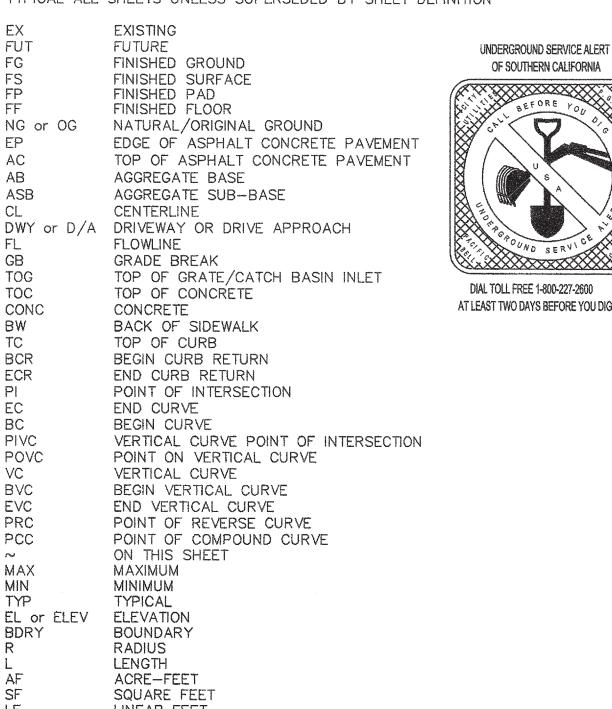
THE FOLLOWING NOTES SHALL APPLY TO THE ONSITE WATER SYSTEM (INCLUDING FIRE SERVICE) FROM THE SERVICE CONNECTION TO THE BUILDING. ALL OTHER ASPECTS OF THE ONSITE WATER SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE DIVISION 2 OF THE COUNTY OF KERN DEVELOPMENT STANDARDS.

- 1. CONTRACTOR SHALL FURNISH ALL MATERIALS, TOOLS, LABOR, EQUIPMENT, SUPERVISION AND TESTING NECESSARY FOR A COMPLETE INSTALLATION OF THE WATER SYSTEM.
- 2. WATER PIPE 4" AND LARGER SHALL MEET THE REQUIREMENTS OF AWWA C900, CLASS 150. JOINTS SHALL HAVE ELASTOMERIC GASKETS AND CONFORM TO ASTM D3139. WATER PIPE 3" AND SMALLER SHALL CONFORM TO ASTM D1785 SCHEDULE 40 AND SHALL HAVE SOLVENT WELDED JOINTS. PIPE SHALL BE INSTALLED IN CONFORMANCE WITH
- 3. FITTINGS FOR AWWA C900 PIPE SHALL BE DUCTILE IRON CONFORMING TO AWWA 150. FITTINGS FOR SCHEDULE 40 PIPE SHALL CONFORM TO ASTM D2466 SCHEDULE 40.
- 4. GATE VALVES SHALL BE AWWA C509 WITH RESILIENT SEATS.

MANUFACTURER'S RECOMMENDATIONS.

- 5. THE MINIMUM WIDTH OF TRENCH SHALL BE THE OUTSIDE DIAMETER OF THE PIPE PLUS 12". A MINIMUM OF 6" OF CLEARANCE SHALL BE PROVIDED FROM THE OUTSIDE FACE OF THE PIPE TO THE TRENCH WALL. WATER LINES AND SERVICES SHALL HAVE A MINIMUM OF 30" OF COVER FROM THE TOP OF PIPE TO FINISHED GRADE. THE BOTTOM OF THE TRENCH SHALL BE EXCAVATED TO THE ESTABLISHED GRADE LINE OF THE PIPE AND SHALL BE SMOOTH, EVEN AND FLAT FOR THE ENTIRE WIDTH OF THE TRENCH. AT EACH JOINT THE BOTTOM OF THE TRENCH SHALL BE RECESSED IN SUCH A MANNER AS TO RELIEVE THE PIPE BELL OR COUPLING OF ALL LOAD AND TO ENSURE CONTINUOUS BEARING ALONG THE
- 6. BACKFILL SHALL BE INITIALLY PLACED AND COMPACTED FROM THE PIPE BED TO THE SPRING LINE OF THE PIPE. BACKFILL SHALL BE SUFFICIENTLY RODDED OR HAND-TAMPED TO ENSURE REQUIRED COMPACTION IS ACHIEVED AROUND THE PIPE. SUBSEQUENT BACKFILL SHALL BE PLACED IN LAYERS NOT EXCEEDING 6" IN COMPACTED THICKNESS. EMBEDMENT MATERIALS SHALL BE CLASS I OR II PER A.S.T.M. D2321, MAX SIZE=1".
- 7. INSTALL 3" WIDE BLUE MAGNETIC DETECTION TAPE MARKED "WATER" AS MANUFACTURED BY MAGNATEC 12" ABOVE WATER
- 8. BACKFLOW PREVENTION DEVICES SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATION AND IN ACCORDANCE WITH COUNTY OF KERN STANDARD PLATES. REQUESTS FOR SUBSTITUTION OF DEVICES MUST BE SUBMITTED PRIOR TO BIDDING AND MUST BE APPROVED BY THE ENGINEER.
- 9. THRUST BLOCKS SHALL BE INSTALLED PER COUNTY OF KERN STANDARD PLATE No. W-3.

SEE SHEETS C6 & C8 EX BUILDING 'A PROPOSED _ 000000 NOT A PART PER SEPARATE (PER SEPARATE)F SUBMITTAL



FOOTHILL ROAD

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SHEET No. INDEX

(I) TITLE SHEET

©2 NOTES TOPOGRAPHIC SURVEY-NORTH HALF

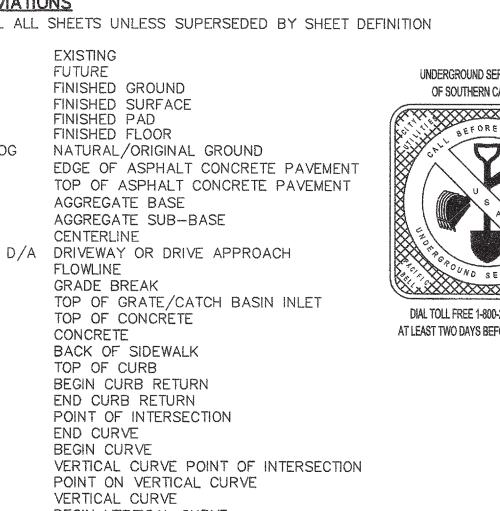
(A) TOPOGRAPHIC SURVEY-SOUTH HALF

C5 GRADING & DRAINAGE-WEST AREA © GRADING & DRAINAGE-EAST AREA

© GRADING & DRAINAGE-DETAILS ©8 SEWER & WATER PLAN

© FIRE WATER PLAN

TYPICAL ALL SHEETS UNLESS SUPERSEDED BY SHEET DEFINITION



LINEAR FEET CUBIC YARDS

EASEMENT RIGHT-OF-WAY STORM DRAIN CATCH BASIN SANITARY SEWER MANHOLE WTR REQUIRED

WTR

PORTER & ASSOCIATES, INC **ENGINEERING & SURVEYING** 1200 21st Street, Bakersfield, California 93301 661.327.0362 FAX 661.327.1065

ARCHITECT C-14728 WILLIAM J. MELBY, AIA ARCHITECT C-16835 **IDENTIFICATION STAMP DIVISION OF STATE ARCHITECT**

OFFICE OF REGULATION SERVICES

APPL. 03-117596

FILE # 15-6

SEP 25 2017

APN##APN

_ FLS / SS CMC

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TELEPHONE

FACSIMILE

BAKERSFIELD, CALIFORNIA

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MODERNIZATION AT MARSA VOORHIES ELEMENTARY SCHOOL **6001 PIONEER DRIVE BAKERSFIELD. CA 93307**

BAKERSFIELD CITY SCHOOL DISTRICT 1300 BAKER STREET **BAKERSFIELD CA 93305**

PTN: 63321-186

MARK DATE DESCRIPTION 12-09-15 SUBMITTAL

2015-1663

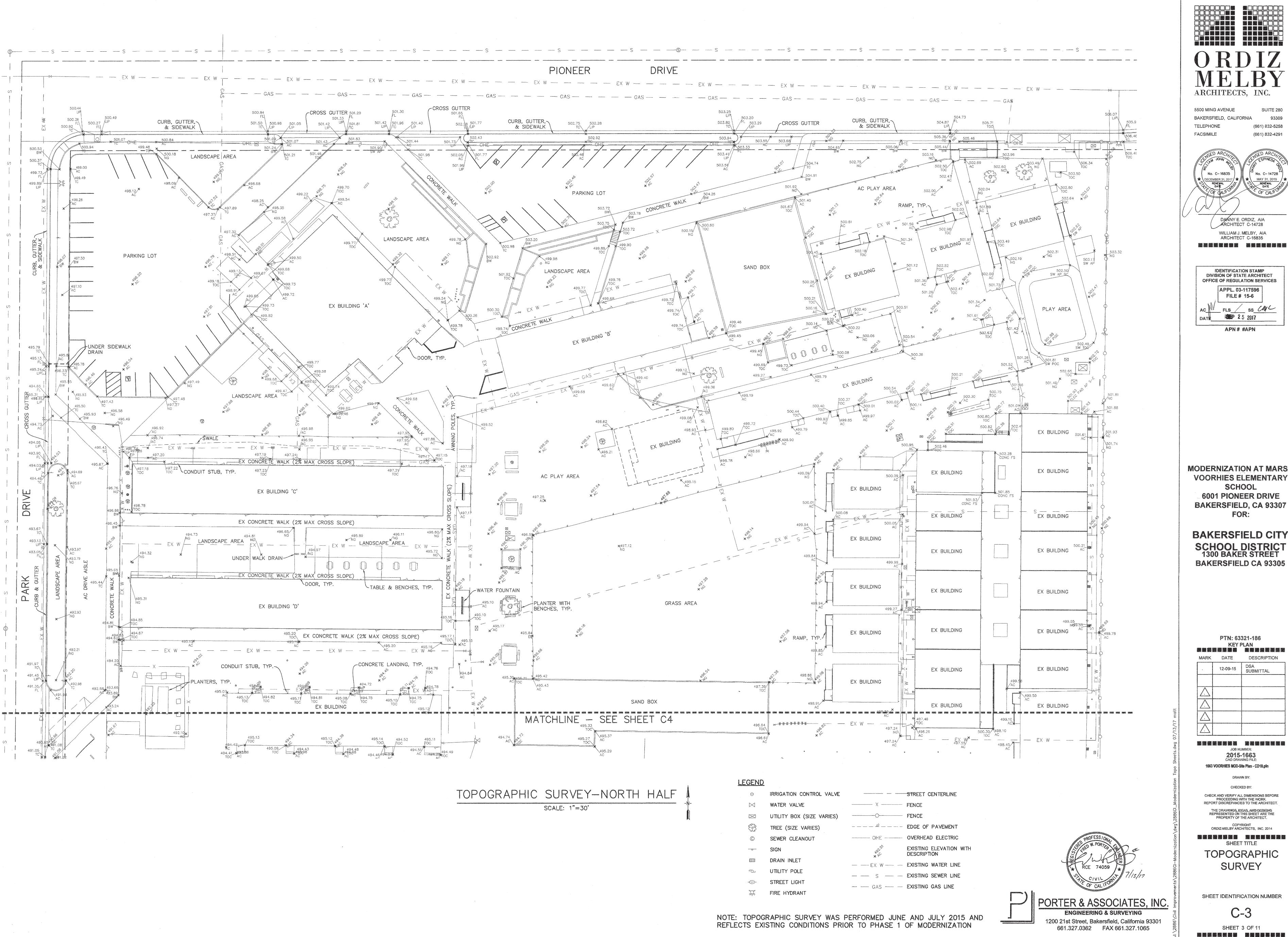
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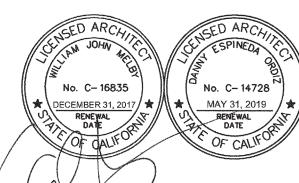
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5500 MING AVENUE BAKERSFIELD, CALIFORNIA



DANNY E. ORDIZ, AIA ARCHITECT C-14728 WILLIAM J. MELBY, AIA ARCHITECT C-16835

IDENTIFICATION STAMP DIVISION OF STATE ARCHITECT OFFICE OF REGULATION SERVICES APPL. 03-117596

APN##APN

MODERNIZATION AT MARSA VOORHIES ELEMENTARY SCHOOL 6001 PIONEER DRIVE BAKERSFIELD, CA 93307

BAKERSFIELD CITY SCHOOL DISTRICT 1300 BAKER STREET **BAKERSFIELD CA 93305**

PTN: 63321-186 KEY PLAN

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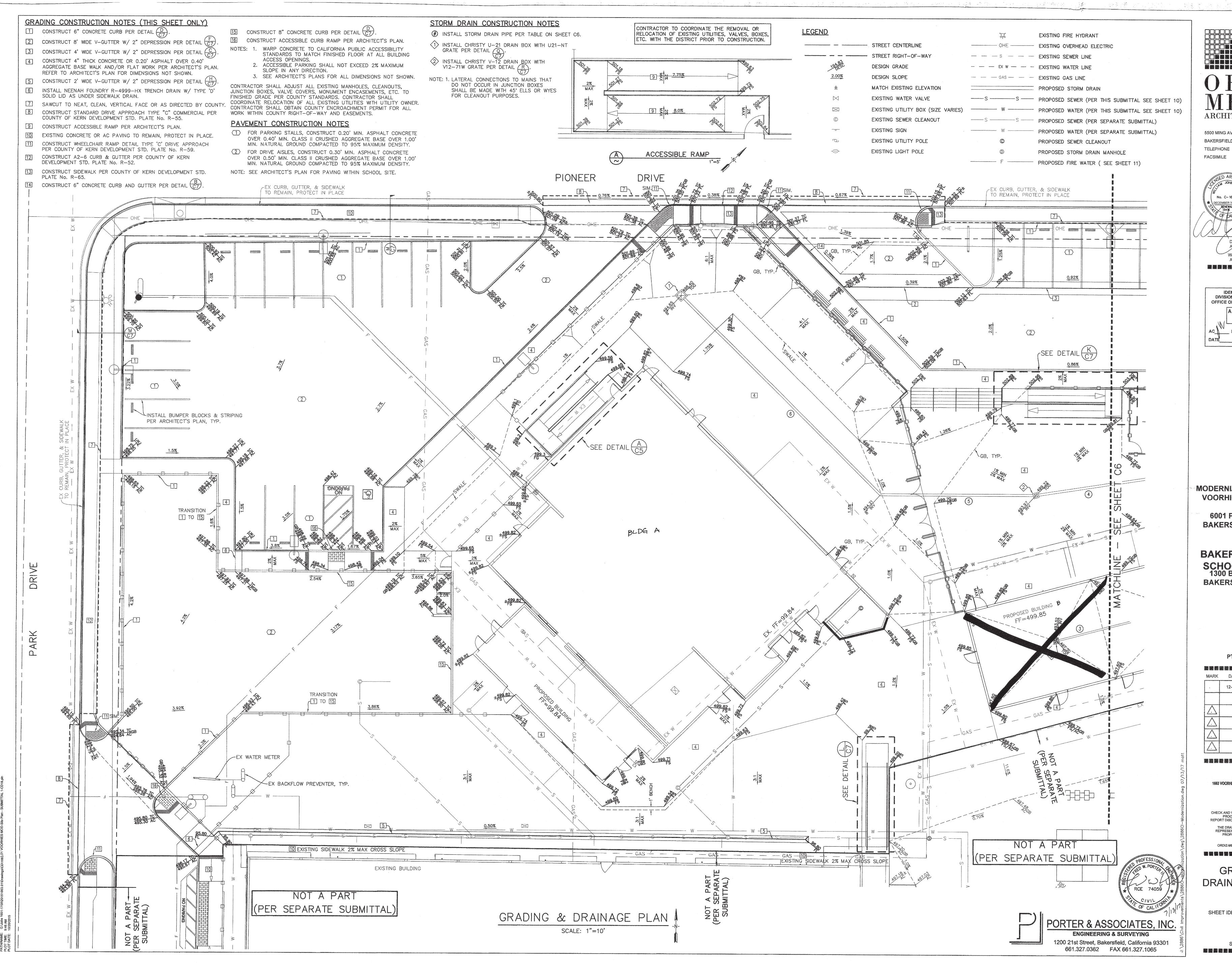
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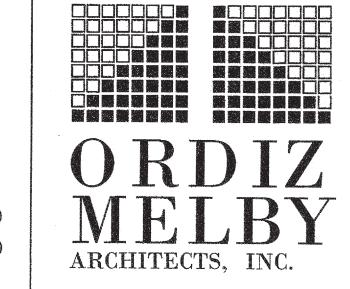
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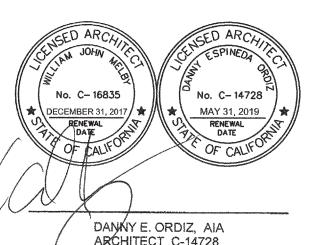


 5500 MING AVENUE
 SUITE 280

 BAKERSFIELD, CALIFORNIA
 93309

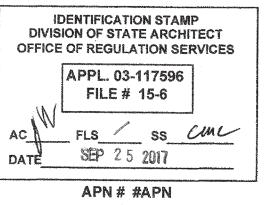
 TELEPHONE
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ARCHITECT C-14728

WILLIAM J. MELBY, AIA
ARCHITECT C-16835



MODERNIZATION AT MARSA VOORHIES ELEMENTARY SCHOOL 6001 PIONEER DRIVE BAKERSFIELD, CA 93307

BAKERSFIELD CITY
SCHOOL DISTRICT
1300 BAKER STREET
BAKERSFIELD CA 93305

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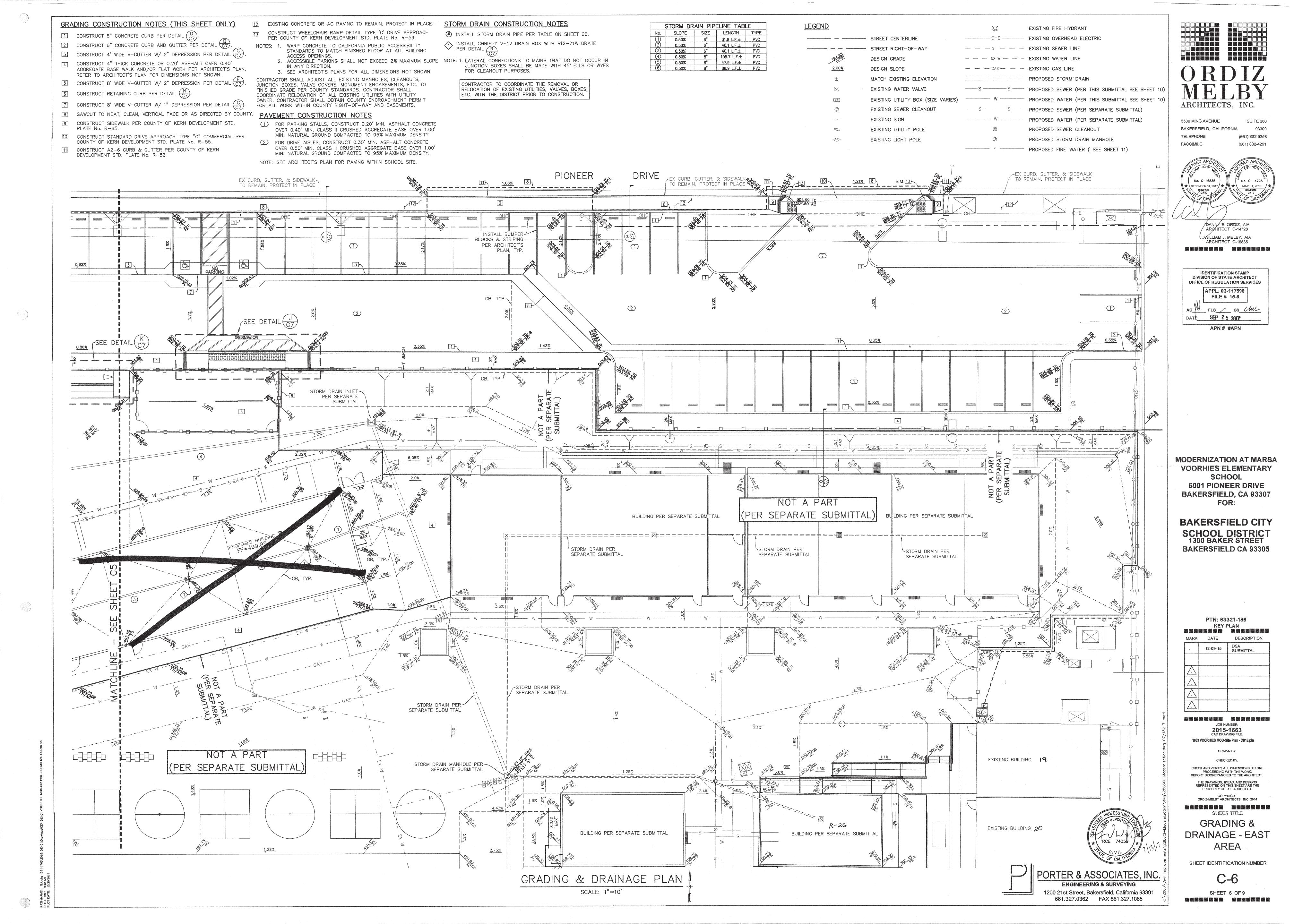
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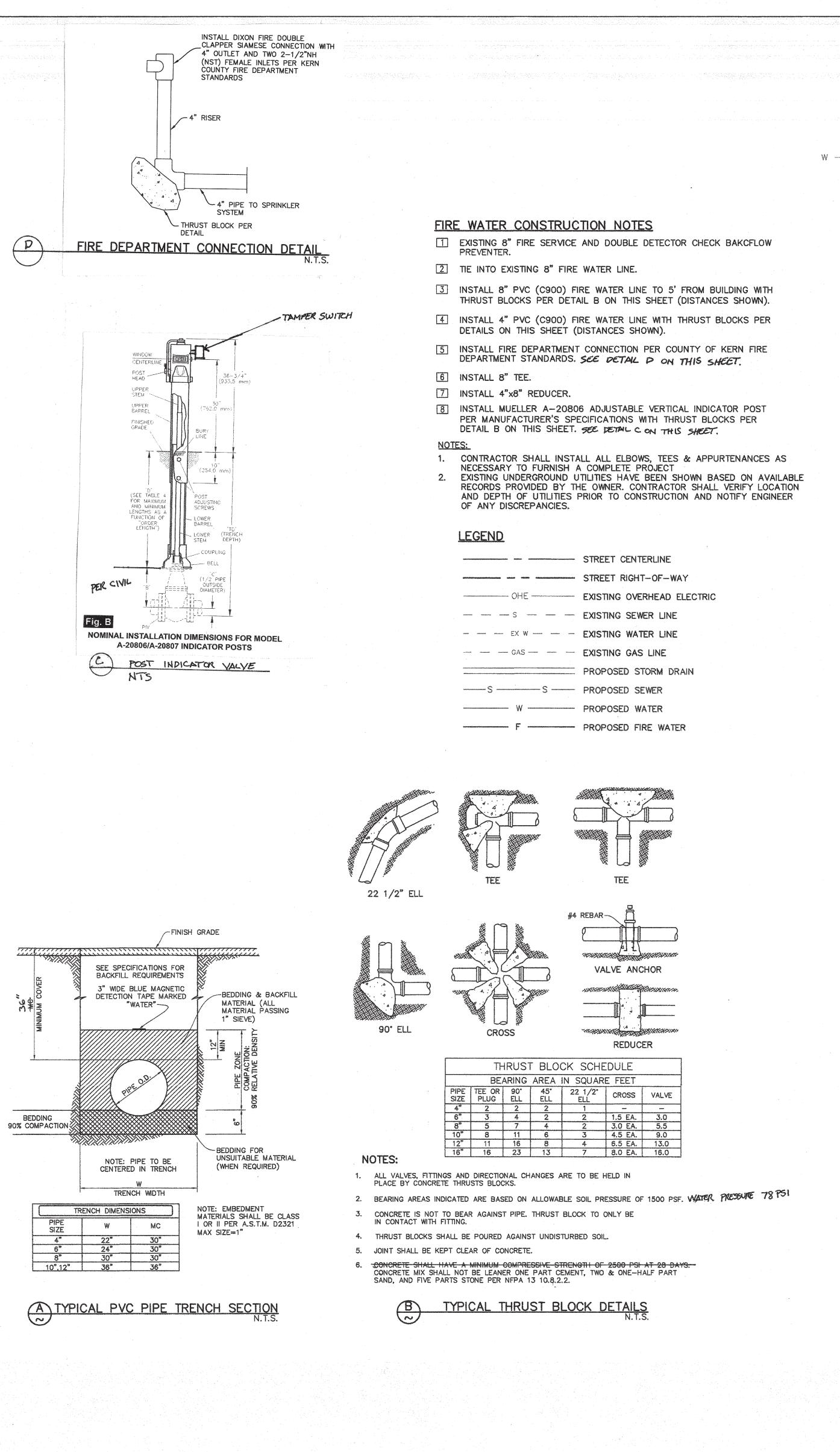
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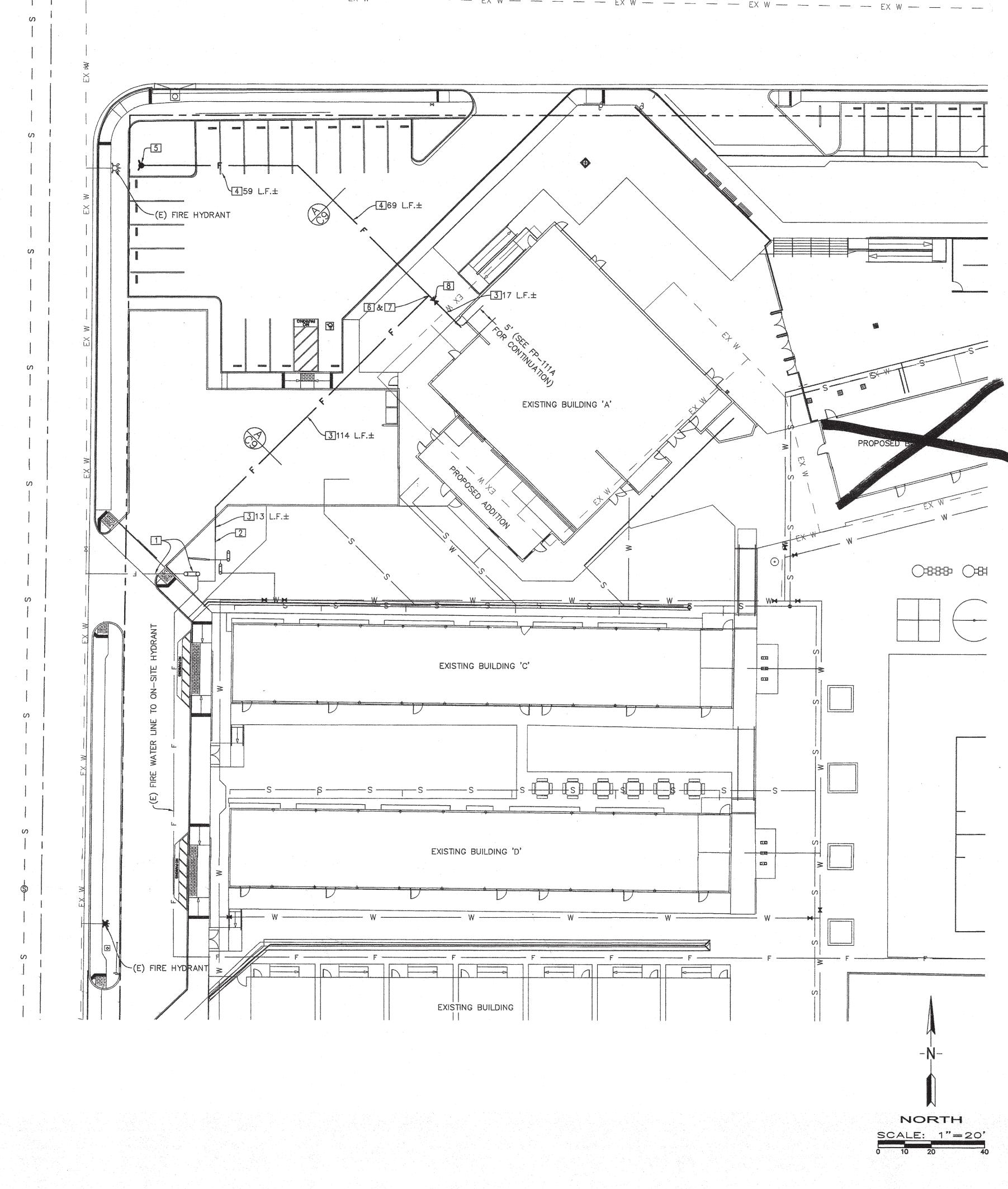
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SHEET 5 OF 9











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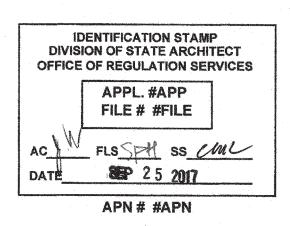
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 93309

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 (661) 832-5258

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 (661) 832-4291



WILLIAM J. MELBY, AIA ARCHITECT C-16835



MODERNIZATION AT MARSA VOORHIES ELEMENTARY SCHOOL 6001 PIONEER DRIVE BAKERSFIELD, CA 93307 FOR:

BAKERSFIELD CITY
SCHOOL DISTRICT
1300 BAKER STREET
BAKERSFIELD CA 93305

PTN: 63321-186
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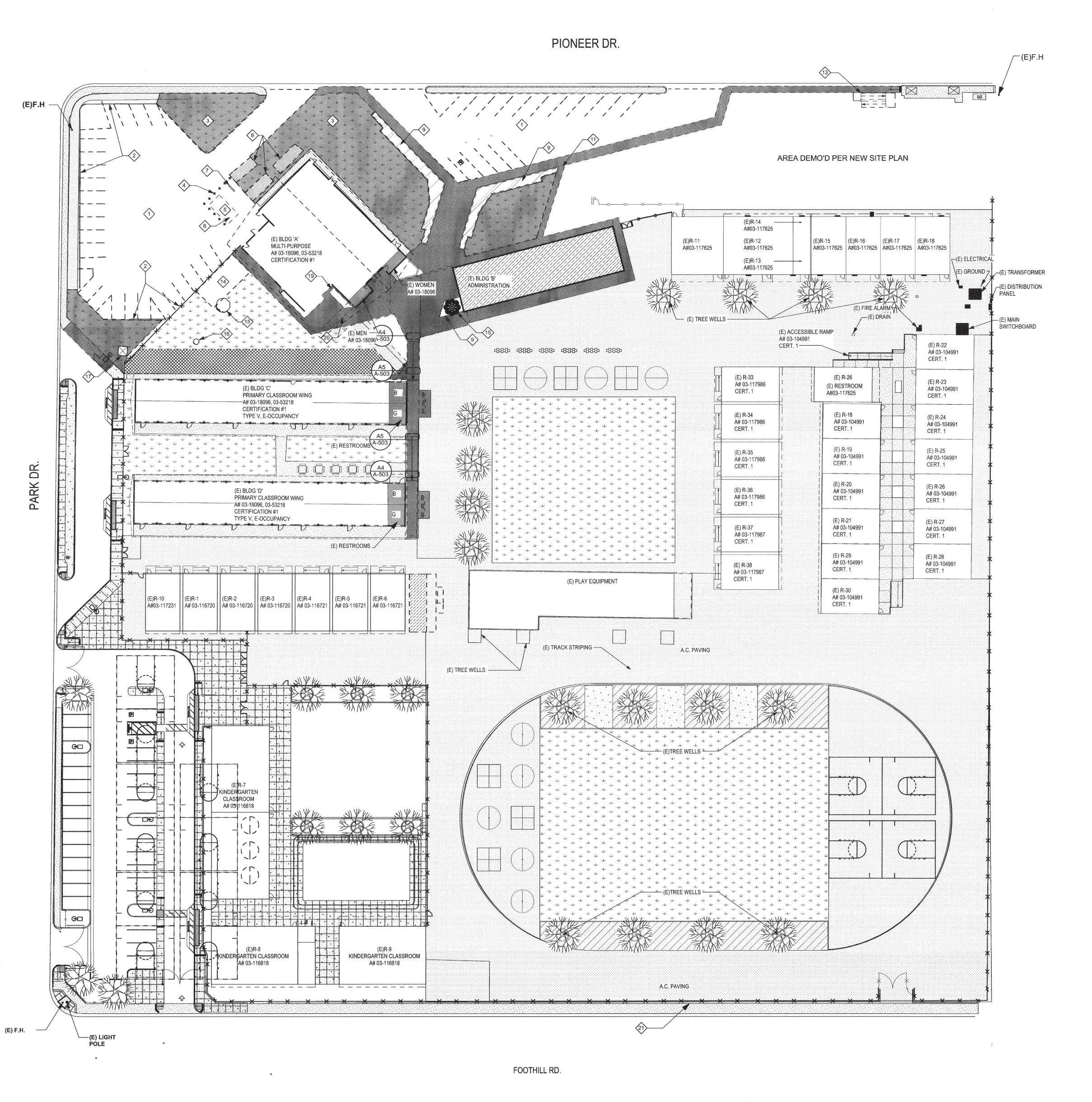
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SHEET TITLE
FIRE WATER PLAN

SHEET IDENTIFICATION NUMBER

C-9

SHEET 9 OF 9



SITE DEMOLITION LEGEND EXISTING CONCRETE TO BE REMOVED EXISTING ASPHALT PAVING TO BE REMOVED EXISTING MODULAR CLASSROOMS TO BE REMOVED EXISTING BUILDING TO BE REMOVED TURF TO BE REMOVED PLAY EQUIPMENT AREA TO BE REMOVED SITE LEGEND CONCRETE WALK EXISTING RESTROOMS (NO WORK IN THIS AREA) EXISTING CHAIN LINK FENCE EXISTING A.C. PAVING EXISTING CONCRETE CURB EXISTING PORTABLE CLASSROOM TO BE RELOCATED SITE DEMOLITION KEYNOTES:

REMOVE (E) AC PAVING IN PARKING LOT REMOVE (E) CONCRETE CURB

REMOVE (E) TURF/LANDSCAPE. REMOVE (E) IRRIGATION LINES

REMOVE (E) TUBE STEEL BOLLARDS AND FOOTINGS IN THEIR ENTIRETY REMOVE (E) COLD STORAGE BOX IN ITS ENTIRETY. REMOVE ASSOCIATED ELECTRICAL

AND/OR PLUMBING LINES. REMOVE (E) CONCRETE SLAB AND AC PAVING

REMOVE AND REPLACE (E) DOUBLE CHECK. SEE CIVIL DRAWINGS

REMOVE (E) C-TRAIN CONTAINERS

REMOVE (E) RAISED PLANTERS. REMOVE ASSOCIATED IRRIGATION LINES WITHIN

RAISED PLANTER.

REMOVE (E) CONCRETE WALK. PATCH AND REPAIR (E) CONCRETE THAT CONNECTS TO NEW CONCRETE WALK.

REMOVE (E) CONCRETE STAIRS AND ASSOCIATED HANDRAILS IN THEIR ENTIRETY REMOVE (E) PLAYGROUND EQUIPMENT AND ASSOCIATED FOOTINGS. REMOVE (E) WOOD CHIP MATERIAL. SCHOOL DISTRICT DECISION ON WHETHER TO SALVAGE AND

REMOVE (E) CONCRETE RAMP AND HANDRAILS IN THEIR ENTIRETY

REMOVE (E) BIKE RACKS, AC PAVING AND CHAIN LINK FENCE

REMOVE (E) TREE IN ITS ENTIRETY

STORE PLAYGROUND EQUIPMENT.

REMOVE (E) TREE STUMP IN ITS ENTIRETY

REMOVE (E) UTILITY BOX COVER WITH A TRAFFIC RATED COVER. SET ELEVATION OF UTILITY BOX FLUSH WITH NEW AC PAVING/DRIVEWAY.

REMOVE (E) BUILT-UP AC PAVING

REMOVE (E) HOSE BIB. CAP WATER LINE BELOW NEW BUILDING SLAB.

REMOVE (E) COVERED WALK, TUBE STEEL POSTS, AND ASSOCIATED POST FOOTINGS.

REMOVE (E) CHAIN LINK FENCE AND ASSOCIATED POST FOOTINGS REMOVE (E) PLAY EQUIPMENT AND "SOFT FALL" SYNTHETIC MATERIAL

REMOVE (E) STORAGE SHED

REMOVE (E) FABRIC, SHADE STRUCTURES AND ASSOCIATED FOOTINGS

(E) PICNIC TABLES TO BE RELOCATED. LOCATION TO BE DETERMINED BY SCHOOL DISTRICT

REMOVE (E) CONCRETE LANDING, STAIRS, RAMPS AND PIPE HANDRAILS

REMOVE (E) CONCRETE BORDER

REMOVE (E) SAND

ARCHITECTS, INC.

> 5500 MING AVENUE SUITE 280 BAKERSFIELD, CALIFORNIA TELEPHONE (661) 832-5258 FACSIMILE (661) 832-4291

MANNY E. ORDIZ, AIA ARCHITECT C-14728

IDENTIFICATION STAMP DIVISION OF STATEARCHITECT OFFICE OF REGULATION SERVICES APPL. 03-117596 FLS ss cmc

MODERNIZATION AT MARSA **VOORHIES ELEMENTARY** SCHOOL **6001 PIONEER DRIVE** BAKERSFIELD, CA 93307

BAKERSFIELD CITY SCHOOL DISTRICT 1300 BAKER STREET

BAKERSFIELD CA 93305

PTN: 63321-186 DESCRIPTION DSA SUBMITTAL 11/01/16

> 2015-1663 1663 VOORHIES MOD-Site Plan - CD18.pln

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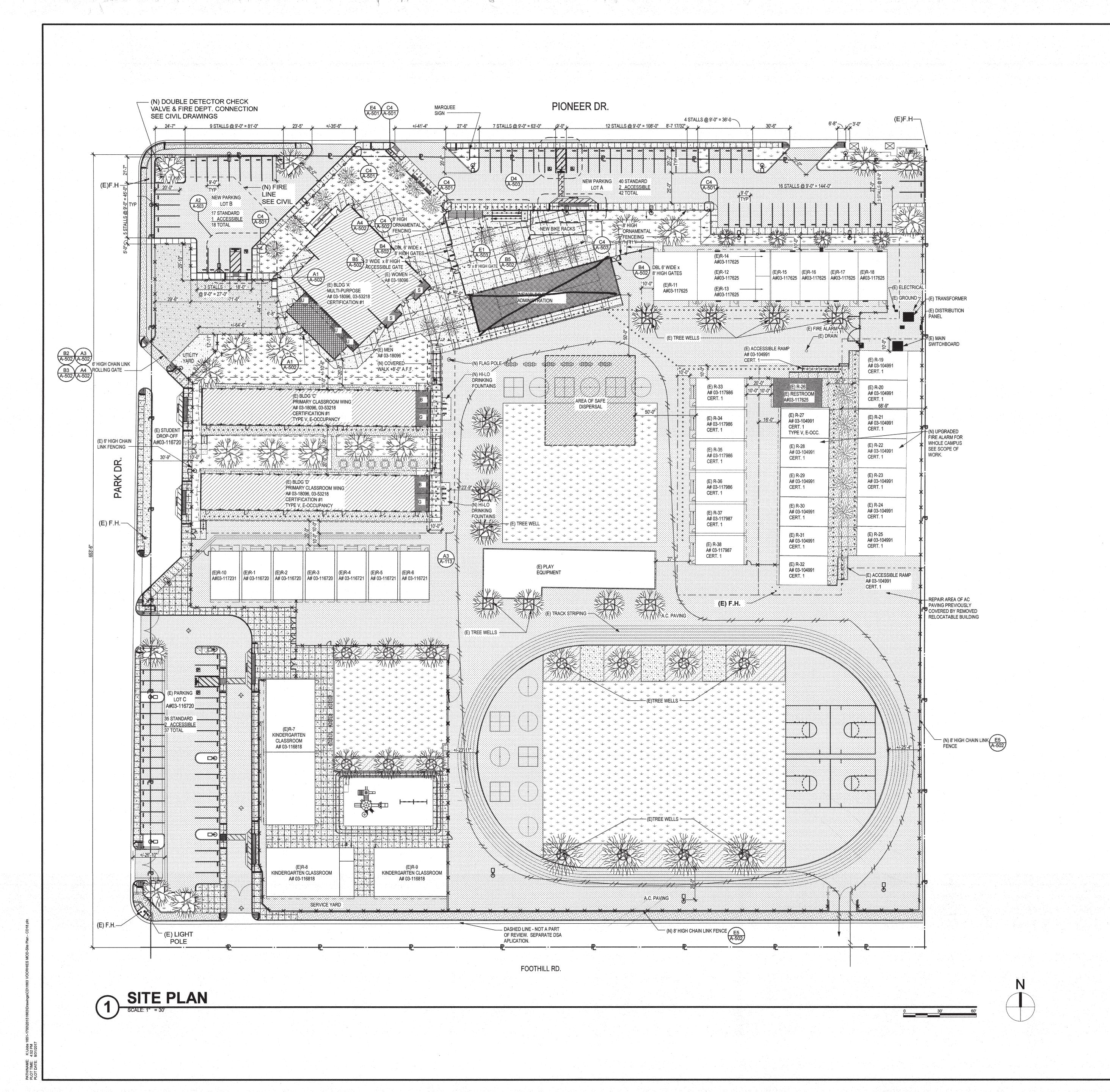
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SHEET TITLE SITE PLAN **DEMOLITION**

SHEET IDENTIFICATION NUMBER

A-110

SITE PLAN DEMOLITION



SAFE DISPERSAL CALCULATION

SAFE DISPERSAL AREA CALCULATION PER CBC 1027.5 RELOCATABLE CLASSROOMS @ **VOORHIES ELEMENTARY SCHOOL**

CURRENT OCCUPANCY = 1084 STUDENTS & 86 STAFF TOTAL CAMPUS OCCUPANT LOAD = 1,170

AREA OF SAFE DISPERSAL REQUIRED FOR GROUP E BUILDINGS, THE AREA OF SAFE DISPERSAL SHALL BE LOCATED ON THE SAME LOT

AT LEAST 50'-0" AWAY FROM ANY BUILDING.

EXISTING CONCRETE WALK (E) ACCESSIBLE RESTROOMS (E) RELOCATABLE CLASSROOM BUILDINGS

> 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 HE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE 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, DRAWING AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT 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

> BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT

	PROPERTY LINE	
	ASSUMED PROPERTY LINE	
	AREA OF SAFE DISPERSAL	
ADF	ACCESSIBLE DRINKING FOUNTAINS	
В	STUDENT BOYS RESTROOM	
G	STUDENT GIRLS RESTROOM	
M	STAFF MENS RESTROOM	
W	STAFF WOMENS RESTROOM	
U	UNISEX RESTROOM	

LOT 'B' LOT 'A' 17 STANDARD STALLS
1 ACCESSIBLE (1 REQ'D) 2 ACCESSIBLE (2 REQ'D) 42 TOTAL STALLS 18 TOTAL STALLS

LOT 'C' LOTA LOT B 35 STANDARD STALLS 2 ACCESSIBLE (2 REQ'D) 37 TOTAL STALLS TOTAL

MDSA DSA 810 Instructions and DSA Policy 09-01. PROJECT INFORMATION LFA Agency Name: Kern Co. Fire Dept. LFA Reviewer Name: Jim Killam I have reviewed and responded to the applicable items for this project as listed below. Building Code (CBC), use of stairways for emergency rescue and patient transport is school district official is required to acknowledge the use of alternate means. Signature of School District Official: Print the School District Official's Name:_

DIVISION OF THE STATE ARCHITECT

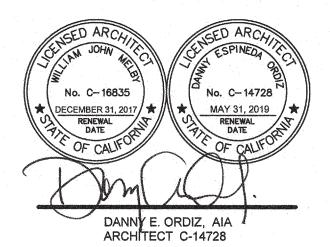
SHEET IDENTIFICATION NUMBER

1,074 (OCCUPANCY) X 5 (S.F./OCCUPANCY) = 5,370 SQUARE FEET REQUIRED. 74' X 74' = 5,476 SQUARE FEET PROVIDED SITE LEGEND **DESCRIPTION BUILDINGS TO BE MODERNIZED** DECOMPOSED GRANITE - REFER TO LANDSCAPE DRAWINGS **NEW ADDITION NEW PERMANENT MODULAR BUILDINGS** "DESIGN PROFESSIONAL IN GENERAL RESPONSE CHARGE STATEMENT: THE PO INDICATED IN THESE CONSTRUCTION DOCUMENTS. DURING CONSTRUCTION. IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT. NEW CHAINLINK FENCE NEW ORNAMENTAL FENCE NEW 4' HIGH ORNAMENTAL FENCE EMERGENCY VEHICLE ACCESS - 20'-0" MINIMUM F.H. O FIRE HYDRANT **PARKING ANALYSIS**

To facilitate the Division of the State Architect's (DSA) approval of the Fire/Life Safety portion of a project, DSA requires Local Fire Authority (LFA) review of certain elements as identified in this form. Use of this form is mandatory for projects that add square footage to a campus or if any item on this form is relevant to the project. For additional information, see Telephone Number (641) 391-7080 Note: Only sign this form when it is imaged onto the site plan. A loose form is not acceptable to DSA. Review Key: "Y" = Complies with LFA requirements "N" = Not approved (complete Section 8) "NA" = Not applicable to the project "NR" = LFA elects not to review Where an elevator does not meet medical emergency service cab size, per the California Access roads, fire lane markings, pavers and gate entrances are in accordance with Title 19, California Code of Regulations and the California Fire Code, Chapter 5. Fire hydrant location and distribution complies with the California Fire Code (or see # 4). Fire hydrant location and distribution compiles with NFPA 1142, "Alternate Means." If "NR" is checked, DSA can only approve on-site water storage as an alternate. The signature of the The location(s) of the proposed post indicator valve and fire department connection meet The location(s) of the detector check valve assembly meet the requirements of this Is the project located in a hazard severity zone area? (CBC, Chapter 7A, Section 701A.) Yes Check type if "Yes": Moderate High Very High WIFA (If one of these boxes is checked, the project design must meet the requirements of Chapter 7A.

DEPARTMENT OF GENERAL SERVICES

> 5500 MING AVENUE SUITE 280 BAKERSFIELD, CALIFORNIA TELEPHONE (661) 832-5258 **FACSIMILE** (661) 832-4291



WILLIAM J. MELBY, AIA ARCHITECT C-16835

IDENTIFICATION STAMP DIVISION OF STATE ARCHITECT OFFICE OF REGULATION SERVICES APPL. 03-117596 FILE # 15-6 FLS & SS CMC SEP 2 5 2017

MODERNIZATION AT MARSA VOORHIES ELEMENTARY SCHOOL **6001 PIONEER DRIVE BAKERSFIELD, CA 93307**

BAKERSFIELD CITY SCHOOL DISTRICT 1300 BAKER STREET **BAKERSFIELD CA 93305**

PTN: 63321-186

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2015-1663

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A-111

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