

30' x 32' RELOCATABLE BUILDINGS BAKERSFIELD CITY SCHOOL DISTRICT (FREMONT ELEMENTARY SCHOOL)

2 1/2:12 PITCHED ROOF

MODULAR STEEL MOMENT FRAME TEST & INSPECTION GUIDELINE A SEPARATE TEST AND INSPECTION LIST IS TO BE SUBMITTED AS PART OF THE APPROVAL PROCESS.

THIS GUIDE DOES NOT REPLACE THE TEST AND INSPECTION LIST

TYPE OF MODULAR STEEL MOMENT FRAME BUILDING PROJECT

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TESTS and INSPECTIONS			STOCKPILE		CONSTRUCTION OF (diaphragm material-foundation material)			RELOCATION OF CERTIFIED BUILDING		
MATERIAL TYPE DESCRIPTION		Wood Floor Only	Concrete Floors	Plywood Floor Only - Wood Foundation	Plywood Floor - Concrete Foundation	Concrete Floor - Concrete Foundation	Wood Foundation	Concrete Foundation		
COMPACTED	T	Fill Materials				X	X		X	
FILL (Two Story Relocatable)	By Geotech	Proper fill materials, lift thickness, placement and compaction during placement. Continuous				Х	×		х	
		Compaction test only as ordered				Х	X		Х	
CONCRETE	LT WT FILL OVER DECK (Two-story)	Mix Design		Х			X			
		Waiver of Batch Plant Inspection See Note 1 for conditions and requirements		Х			X			
		Inspect Placing over Steel Deck - by RBIP		Х			Х			
		Slump Test; determine Temperature of Concrete See Note 2 for additional test		×			×			
		Compression Tests		Х			X			
		Mix Design				X	X		X	
	FOUNDATION	Waiver of Batch Plant Inspection See Note 1 for conditions and requirements				×	X		X	
		Inspect Placing - by Project Inspector				X	Х		X	
		Siump Test; determine Temperature of Concrete See Note 2 for additional test				×	×		×	
		Compression Tests				Х	X		Х	
REINFORCING STEEL Sample and Test Bar Steel - #5 & Larger Inspect Placing at Project Site - by Project Inspector					Х	X		Х		
						Х	X		×	
STRUCTURAL STEEL		Mfr. Certified Mill Test Reports	X	Х	X	X	X		ļ	
		Shop Fabrication	X	X	X	X	X			
		Inspection of Welds - Shop	X	Х	X	X	X	ļ		
		Inspection of Welds - Field See Note 3			X	Х	X	X	X	
		Sample and Test all Unidentified Structural Steel and Steel Deck	X	Х	Х	Х	X			
		Examine seam welds of structural tubes and pipes	X	Х	X	X	X		ļ	
GROUNDING		Electrical grounding	ļ	<u> </u>	X	X	X	X	X	
SHOT PINS		Ceiling wire hangers	ļ	X	Х	X	X	ļ	ļ	
EXPANSION ANCHORS		See Note 4	<u> </u>			X	X		X	
EPOXY ANCHO	RS	See Note 4				X	X		X	
INSPECTOR CLASS (minimum requirements)			RBIP or Class 1		In Plant: RBIP or Class 1 Class 4 for Single Story Site: Class 4 for Single Story Class 2 for Two-Story Site: Class 2 for Two-Story					
SELECTION OF THE PROJECT INSPECTOR AND TESTING AGENCY			By the Owner and approved by DSA, A/E of Record and Structural Engineer		By the School District and approved by DSA, A/E of Record and Structural Engineer					
COST OF THE PROJECT INSPECTOR (CA Admin Code 4-333(b) AND TESTING AGENCY (CA Admin Code 4-335)			By the Owner			By the School District				
COPIES OF THE REPORT TO:			DSA (Original) I.O.R./ P.I Manufacturer Arch/SE noted on DSA-1		Architect Structural Engineer School District DSA (Original) I.O.R./ P.I Manufacturer					

ITEMS IN RED FONT COLOR ARE USER NOTES AND INDICATE ITEMS THAT NEED TO BE VERIFIED FOR EACH SPECIFIC PC. THE NOTES IN RED ABOVE AND BELOW ARE TO BE REMOVED PRIOR TO PLACING THE GUIDELINE ON THE DRAWINGS

- a) Concrete Plant complies fully with ASTM C94, Section 8 and 9, and has a current certification indicating the plant has automatic batching and recording capabilities from the National Ready Mixed Concrete Association b) Compressive strength: 3500 psi Specified 2500 psi Design Requirements c thru f are met:
- c) Inspector to check first batching at start of work and furnish mix proportions to licensed weighmaster
 d) Licensed Weighmaster to positively identify materials as to quantity and certify each load by a ticket
- e) Tickets transmitted to Inspector of Record
 f) Submit Weighmaster Affidavit
- Note 2: Air Content Test as required based on site location (for cold weather conditions)

Note 3: Required where the details of the PC specify a Welding Note 4: Required where the details of the PC specify the use of this type of anchor

В	UILDING DATA							
OCCUPANCY	E OR B, OR A CATEGORY I & II WITH OCCUPANT LOAD LESS THAN 300.							
TYPE OF CONSTRUCTION	VB							
WIND LOAD	$V = 85 \text{ MPH}$ $K_{zr} = 1.00$ EXPOSURE = C $\lambda = 1.21$ I = 1.00							
FLOOR LIVE LOAD	50 LBS/SQ. FT.							
ROOF LIVE LOAD	20 LBS/SQ FT (REDUCIBLE)							
FIRE SPRINKLER SYSTEM WEIGHT (PSF)	1.5							
ALLOWABLE SOIL PRESSURE (PSF)	1,500 FOR CONCRETE							
FLOOD HAZARD AREA	NO							
BUILDING AREA	960 MIN - 3,840 MAX SQ FT							
CLIMATE ZONES	1-16							
MODULES	LIGHT MODULAR STEEL MOMENT FRAME							
SYSTEM	10' x 32' MODULES							
FOUNDATION TYPE	CONCRETE / WOOD							
SEISMIC	$\begin{array}{cccccccccccccccccccccccccccccccccccc$							
$S_{DS} = 1.000$ $C_{d} = 3.000$ $C_{s} = 0.357$ APPLICABLE CODES								
2007 BUILDING STANDARS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R. 2007 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. (2006 INTERNATIONAL BUILDING CODE VOLUMES 1-3 AND 2007 CALIFORNIA AMENDMENTS) 2007 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R. (2005 NATIONAL ELECTRICAL CODE AND 2007 CALIFORNIA AMENDMENTS) 2007 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24 C.C.R. (2006 IAPMO UNIFORM MECHANICAL CODE AND 2007 CALIFORNIA AMENDMENTS) 2007 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R. (2006 IAPMO UNIFORM PLUMBING CODE AND 2007 CALIFORNIA AMENDMENTS) 2007 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R. (2004 SAFETY CODE FOR ELEVATORS AND ESCALATORS (ASME A17.1-2004) 2007 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R. (2006 INTERNATIONAL FIRE CODE AND 2007 CALIFORNIA AMENDMENTS) 2007 CALIFORNIA EXISTING BUILDING CODE, PART 10, TITLE 24 C.C.R. (2006 INTERNATIONAL EXISTING BUILDING CODE AND 2007 CALIFORNIA AMENDMENTS) 2007 CALIFORNIA "GREEN" BUILDING REQUIREMENTS, PART 11, TITLE 24 C.C.R. (PENDING ADOPTION) 2007 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.								
(Note See UL, Standard 1971	Systems 2002 Edition 2003 Edition 2002 Edition 2002 Edition 2002 Edition 2003 Edition 2003 Edition 2002 Edition 2002 Edition 2002 Edition 2002 Edition 2002 Edition 2004 Edition							
	RAL NOTES							

- PC BUILDING CLASSIFED AS OCCUPANCY "A" WITH OCCUPANT LOAD 100 OR MORE CAN NOT BE REVIEWED OVER THE COUNTER (OTC).
- PC BUILDING APPROVED ONLY FOR OCCUPANCY E OR B, OR A CATEGORY I & II WITH
- OCCUPANT LOAD LESS THAN 300.
- PC BUILDING EXITING IS BASED ON THE USE OR OCCUPANCY AND WILL BE REVIEWED AS SITE SPECIFIC.
- PC BUILDING LOCATED IN FIRE HAZARD SEVERITY ZONES PER WILDLAND URBAN INTERFACE FIRE AREAS (WUI) SHALL CONFORM TO CBC CHAPTER 7A.
- SITE USE SPECIFIC REQUIREMENT FOR AUTOMATIC SPRINKLER SYSTEM MIGHT BE REQUIRED BUT NOT INCLUDED IN THIS PC APPROVAL.

BAKERSFIELD CITY SCHOOL DISTRICT FREMONT ELEMENTARY SCHOOL

2 1/2:12 PITCHED ROOF 30' x 32' RELOCATABLE BUILDINGS COVER SHEET



(209)825-1921 Fax (209)825-7018

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DRAWING INDEX

INTERIOR ELEVATIONS

TYPICAL EXTERIOR ELEVATIONS (SYNTHETIC STUCCO OPTION) ARCHITECTURAL DETAILS (SYNTHETIC STUCCO OPTION)

APPROVALS:

CONCRETE FOUNDATION PLANS 50 P.S.F LIVE LOAD & 50 P.S.F LIVE LOAD+15 P.S.F PART. LOAD FLOOR

CONCRETE FOOTING DETAILS

FLOOR FRAMING PLAN & DETAILS (PLYWOOD) ROOF FRAMING PLAN & DETAILS (OPEN SOFFIT)

☐ S3.1 ROOF FRAMING DETAILS

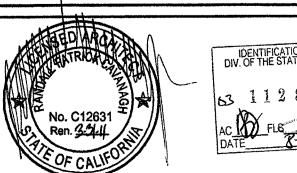
ROOF FRAMING PLAN & DETAILS (PLYWOOD SHEATHING)

TYPICAL FRAME ELEVATIONS

WALL FRAMING ELEVATIONS S5A WALL FRAMING DETAILS

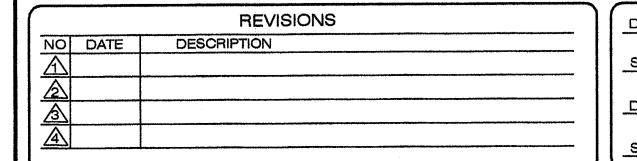
TYPICAL LONGITUDINAL AND TRANSVERSE FRAME ELEVATION

BASED ON PC# 02-109701



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

PROJECT No.



DATE: 07/02/2009 SCALE: NOTED DRAWN BY: MP

CUSTOMER: