

BUILDING DATA

EXPOSURE = C

1.500 FOR CONCRETE

960 MIN SQ FT

MOMENT-RESISTANT

12' x 40' MODULES

CONCRETE / WOOD

1-16

 $S_1 = <.75$

 $S_{DS} = 1.000$

(2006 INTERNATIONAL FIRE CODE AND 2007 CALIFORNIA AMENDMENTS)

2007 CALIFORNIA "GREEN" BUILDING REQUIREMENTS, PART 11, TITLE 24 C.C.R. (PENDING ADOPTION)

APPLICABLE CODES

(2006 INTERNATIONAL BUILDING CODE VOLUMES 1-3 AND 2007 CALIFORNIA AMENDMENTS)

(2006 INTERNATIONAL EXISTING BUILDING CODE AND 2007 CALIFORNIA AMENDMENTS)

Fv = -

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 UNIFORM MECHANICAL CODE AND 2007 CALIFORNIA AMENDMENTS)

2007 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
(2006 UNIFORM PLUMBING CODE AND 2007 CALIFORNIA AMENDMENTS)

2004 SAFETY CODE FOR ELEVATORS AND ESCALATORS (ASME A17.1-2004)

2007 CALIFORNIA EXISTING BUILDING CODE, PART 10, TITLE 24 C.C.R.

2007 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R. TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS. PARTIAL LIST OF APPLICABLE STANDARDS

Automatic Sprinkler Systems

(Note See UL, Standard 1971 for "Visual Devices")

Reference code sections for applicable Standards — 2007 CBC Chapter 35 and 2007 CFC Chapter 45.

COVER SHEET

Wet Chemical Systems

Stationary Pumps

Private Fire Mains

Elevator Standard

Dry Chemical Extinguishing Systems

National Fire Alarm Code (California Amended)

Critical Radiant Flux of Floor Covering Systems

GENERAL 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 LOCATED IN FIRE HAZARD SEVERITY ZONES PER WILDLAND URBAN INTERFACE FIRE AREAS (WUI) SHALL CONFORM TO CBC CHAPTER 7A.

PC BUILDING EXITING IS BASED ON THE USE OR OCCUPANCY AND WILL BE REVIEWED

Clean Agent Fire Extinguishing Systems

PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2008

2007 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R.

2007 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.

2007 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.

2007 BUILDING STANDARS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.

20 LBS/SQ FT (REDUCIBLE)

50 LBS.SQ. FT.

OCCUPANCY

WIND LOAD

FLOOR LIVE LOAD

ROOF LIVE LOAD

FLOOD HAZARD AREA

BUILDING AREA

CLIMATE ZONES

FOUNDATION TYPE

MODULES

SEISMIC

NFPA 13

NFPA 14

NFPA 17

NFPA 20

NFPA 24

NFPA 72

NFPA 253

NFPA 2001

ASME 17.1

NFPA 17a

TYPE OF CONSTRUCTION

FIRE SPRINKLER SYSTEM WEIGHT (PSF) 1.5

ALLOWABLE SOIL PRESSURE (PSF)

E OR B. OR A CATEGORY I & II WITH OCCUPANT LOAD LESS THAN 300.

1 = 1.00

R = 3.50

 $\Omega_0 = 3.00$

 $C_{\rm d} = 3.000$

 $K_{zr} = 1.00$ $\lambda = 1.21$

American Modular Systems Inc.

24' x 40' RELOCATABLE BUILDINGS BAKERSFIELD CITY SCHOOL DISTRICT

(MUNSEY AND FREMONT ELEMENTARY SCHOOL)

 $C_s = 0.2857$

T = 0.190

Site Class = D

category = D

2003 Edition

2002 Edition

2002 Edition

2003 Edition

2002 Edition

2002 Edition

2006 Edition

2004 Edition

2004 Edition

Seismic design

EXPOSED STEEL-2:12 PITCHED ROOF

DRAWING INDEX

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

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

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 Licensed Weighmaster to positively identify materials as to quantity and certify each load by a ticket
- Tickets transmitted to Inspector of Record 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

		REVISIONS
NO	DATE	DESCRIPTION
A		
1		
3		
747		

DATE: 08/13/09 SCALE: NOTED DRAWN BY: RS

BAKERSFIELD CITY SCHOOL DISTRICT MUNSEY AND FREMONT ELEMENTARY SCHOOL 2:12 PITCHED ROOF 24' x 40' RELOCATABLE BUILDINGS

BUT NOT INCLUDED IN THIS PC APPROVAL.

American Modular Systems Inc. 787 Spreckels Ave. Manteca, CA 95336

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

APPROVALS:



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES 03-112985 DATE SEP 2 4 2009

CONCRETE FOUNDATION PLAN 50 P.S.F & 50 P.S.F LIVE LOAD+15 P.S.F PART, LOAD FLOOR (PLYWOOD OR VIROC FLOOR SYSTEM)

BASED ON PC 02-109695

PROJECT No.

SITE USE SPECIFIC REQUIREMENT FOR AUTOMATIC SPRINKLER SYSTEM MIGHT BE REQUIRED

A3A TYPICAL INTERIOR ELEVATIONS

S1C CONCRETE FOOTING DETAILS

SID CONCRETE FOOTING DETAILS

WALL FRAMING

S5A WALL FRAMING DETAILS

S5

CEILING & MECHANICAL NOTES

S2 FLOOR FRAMING PLAN & DETAILS (PLYWOOD)

S3 ROOF FRAMING PLAN & DETAILS (OPEN SOFFIT)

S3.1 ROOF FRAMING PLAN & DETAILS (OPEN SOFFIT)

TYPICAL FRAME ELEVATIONS

TYPICAL EXTERIOR ELEVATIONS (SYNTHETIC STUCCO)

MECHANICAL BULDING SECTION & CEILING DETAILS

ROOF FRAMING PLAN & DETAILS (ENCLOSED SOFFIT)

S7 TYPICAL LONGITUDINAL & TRANSVERSE FRAME ELEVATION