

American Modular Systems Inc.

24' x 40' RELOCATABLE BUILDINGS
BAKERSFIELD CITY SCHOOL DISTRICT
(MUNSEY AND FREMONT ELEMENTARY SCHOOL)

EXPOSED STEEL-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 (X - INDICATES TEST OR INSPECTION TO BE DONE)

Table with columns: MATERIAL TYPE, DESCRIPTION, STOCKPILE, CONSTRUCTION OF (diaphragm material-foundation material), RELOCATION OF CERTIFIED BUILDING. Rows include COMPACTED FILL, CONCRETE, REINFORCING STEEL, STRUCTURAL STEEL, GROUNDING, SHOT PINS, EXPANSION ANCHORS, EPOXY ANCHORS, INSPECTOR CLASS, SELECTION OF THE PROJECT INSPECTOR AND TESTING AGENCY, COST OF THE PROJECT INSPECTOR AND TESTING AGENCY, COPIES OF THE REPORT TO.

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

- Note 1: Verify that Either Condition a or b are met. 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

BUILDING DATA

Table with columns: OCCUPANCY, TYPE OF CONSTRUCTION, WIND LOAD, FLOOR LIVE LOAD, ROOF LIVE LOAD, FIRE SPRINKLER SYSTEM WEIGHT (PSF), ALLOWABLE SOIL PRESSURE (PSF), FLOOD HAZARD AREA, BUILDING AREA, CLIMATE ZONES, MODULES, SYSTEM, FOUNDATION TYPE, SEISMIC. Values include: OCCUPANCY: E OR B, OR A CATEGORY I & II WITH OCCUPANT LOAD LESS THAN 300; TYPE OF CONSTRUCTION: VB; WIND LOAD: V= 85 MPH, EXPOSURE = C, Kzt = 1.00, 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 SQ FT; CLIMATE ZONES: 1-16; MODULES: MOMENT-RESISTANT; SYSTEM: 12' x 40' MODULES; FOUNDATION TYPE: CONCRETE / WOOD; SEISMIC: Ss = 1.5, Sp1 = -, Cs = 0.2857, S1 = <.75, I = 1.00, T = 0.190, Fa = -, R = 3.50, Site Class = D, Fv = -, Omega_o = 3.00, Seismic design category = D, Sps = 1.000, Cs = 3.000

APPLICABLE CODES

PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2008
2007 BUILDING STANDARDS 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 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)
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.
TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
PARTIAL LIST OF APPLICABLE STANDARDS
NFPA 13 Automatic Sprinkler Systems 2002 Edition
NFPA 14 Standpipe Systems 2003 Edition
NFPA 17 Dry Chemical Extinguishing Systems 2002 Edition
NFPA 17a Wet Chemical Systems 2002 Edition
NFPA 20 Stationary Pumps 2003 Edition
NFPA 24 Private Fire Mains 2002 Edition
NFPA 72 National Fire Alarm Code (California Amended) 2002 Edition
(Note See UL Standard 1971 for "Visual Devices")
NFPA 253 Critical Radiant Flux of Floor Covering Systems 2006 Edition
NFPA 2001 Clean Agent Fire Extinguishing Systems 2004 Edition
ASME 17.1 Elevator Standard 2004 Edition
Reference code sections for applicable Standards - 2007 CBC Chapter 35 and 2007 CFC Chapter 45.

GENERAL NOTES

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

DRAWING INDEX

- TS COVER SHEET
A1 TYPICAL FLOOR PLAN
A3 TYPICAL INTERIOR ELEVATIONS
A3A TYPICAL INTERIOR ELEVATIONS
A5 TYPICAL EXTERIOR ELEVATIONS (SYNTHETIC STUCCO)
A5A ARCHITECTURAL DETAILS (SYNTHETIC STUCCO OPTION)
AD ACCESSIBLE DETAILS
N1 GENERAL NOTES
N2 GENERAL NOTES
P1 ISOMETRIC PLANS & DETAILS
M1 TYPICAL REFLECTED CEILING PLAN
M2 MECHANICAL BUILDING SECTION & CEILING DETAILS
M3 CEILING & MECHANICAL NOTES
E1 TYPICAL ELECTRICAL PLAN
E2 ELECTRICAL NOTES & DETAILS
S1 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)
S1C CONCRETE FOOTING DETAILS
S1D CONCRETE FOOTING DETAILS
S2 FLOOR FRAMING PLAN & DETAILS (PLYWOOD)
S3 ROOF FRAMING PLAN & DETAILS (OPEN SOFFIT)
S3.1 ROOF FRAMING PLAN & DETAILS (OPEN SOFFIT)
S3A ROOF FRAMING PLAN & DETAILS (ENCLOSED SOFFIT)
S4 TYPICAL FRAME ELEVATIONS
S5 WALL FRAMING
S5A WALL FRAMING DETAILS
S7 TYPICAL LONGITUDINAL & TRANSVERSE FRAME ELEVATION

BASED ON PC 02-109695

REVISIONS

Table with columns: NO, DATE, DESCRIPTION. Row 1: 1, 08/13/09, [unclear]

DATE: 08/13/09

SCALE: NOTED

DRAWN BY: RS

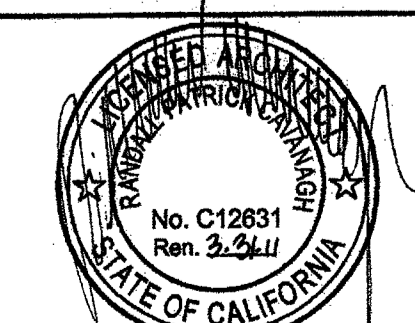
SERIAL NO.:

CUSTOMER: BAKERSFIELD CITY SCHOOL DISTRICT
MUNSEY AND FREMONT ELEMENTARY SCHOOL

2:12 PITCHED ROOF 24' x 40' RELOCATABLE BUILDINGS
COVER SHEET



APPROVALS:



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
No. C12831
Ren. 3.3.11
AC, FLS, SS
DATE: SEP 24 2009

PROJECT No.

T-S

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