



American Modular Systems Inc.

# 24 X 40 RELOCATABLE CLASSROOMS BAKERSFIELD CITY SCHOOL DISTRICT

## TEST AND INSPECTION LIST

TESTING LABORATORY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 NAME: \_\_\_\_\_  
 DISTRICT/OWNER: \_\_\_\_\_  
 DIVISION-FILE NO. \_\_\_\_\_ APPLICATION NO. \_\_\_\_\_  
 ARCHITECT: \_\_\_\_\_  
 STRUCTURAL ENGINEER: \_\_\_\_\_

STATE OF CALIFORNIA  
 DEPT. OF GENERAL SERVICES  
 DIVISION OF THE  
 STATE ARCHITECT  
 STRUCTURAL  
 TESTS  
 AND  
 INSPECTIONS  
 ORS 103-1 (R 11/85)

The following tests and inspections, as checked, will be required as detailed in applicable specifications.

COMPACTED FILL	CON-CRETE	GUNITE	GROUT	MORTAR
Fill material, acceptance tests				
Compaction control, continuous				
Compaction tests only as ordered				
Bearing capacity of compacted fill				
REINFORCING STEEL				
Sample and test bar steel				
Sample and test mesh				
Inspect placement of job				
STRUCTURAL STEEL				
Sample and test as detailed below				
Shop fabrication inspection				
Field erection inspection				
Inspection of welds - Shop				
Inspection of riveting or bolting - Shop				
Inspection of riveting or bolting - Field				
Sample and test high strength bolts and washers				
BRICK AND BLOCK				
Sample and test				
Test only				
Inspection of placing				
Core and samples				
GLUED LAMINATED STRUCTURAL LUMBER				
Fabrication inspection				
Sample and test steel accessories				
Inspect fabrication of steel accessories				

SUITABILITY TESTS

CONCRETE MATERIALS	GUNITE	MORTAR	GROUT
Sodium sulphate			
Structural strength			
Los Angeles rotter			
Clay (hydrometer method)			
Reactivity tests			
Volume change			

MIX DESIGNS: CONCRETE, GROUT, MORTAR OR GUNITE

MATERIAL	MAXIMUM SIZE	COMPRESSIVE STRENGTH, PSI, MINIMUM
	28 DAYS	

List of structural steel members to be tested:

3 1/2" x 3 1/2" x 1/4" SQ. COL. TESTING MAY BE WAIVED IF STEEL HAS BEEN PROPERLY IDENTIFIED BY MFR'S MILL ANALYSIS AND TEST REPORTS PER TITLE 24, C.C.R., SECTION 2231.A.1

10 ga. & 12 ga. ROOF CEE

6 7/8" x 14 GA. FL. JOISTS 6"x14 ga. ROOF JOIST 3 1/2" x 10 ga. ALT. ROOF JOIST

6 7/8" x 12 ga. ALT. FL. JOIST 4"x12 ga. ALT. ROOF JOIST 2"x16" ga. STRAPS

3"x18" ga. ALT. STRAPS

Other Tests and Inspections, together with special instructions:

GROUNDING TEST  
 EXPANSION ANCHORS  
 EPOXY ANCHORS

Copies of Reports to:  
 DSA/ORS  
 AMERICAN MODULAR SYSTEMS, INC.  
 SCHOOL DISTRICT  
 ARCHITECT

By: \_\_\_\_\_  
 AUTHORIZED REPRESENTATIVE

## INDEX

SHEET No.	DESCRIPTION
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N-1	GENERAL NOTES AND SPECIFICATIONS
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2	EXTERIOR ELEVATIONS
3	CEILING GRID, DETAILS AND NOTES
4	INTERIOR ELEVATIONS AND OPTIONS
S1	WOOD FOUNDATION PLAN & DETAILS 50 PSF FLOOR LIVE LOAD
S2	FLOOR FRAMING PLAN AND DETAILS
S2A	BUILDING SECTIONS AND WALL DETAILS
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M1	MECHANICAL PLAN & NOTES
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E1	ELECTRICAL PLAN & NOTES

## BUILDING DATA CLASSROOMS

OCCUPANCY E-1/B → B OCCUPANCY USES TO MEET THE REQUIREMENTS OF CBC TABLE 3-A AND CBC TABLE 5-A

TYPE OF CONSTRUCTION V - NON-RATED

WIND LOAD (80 MPH EXPOSURE C) 21 LBS/SQ FT

FLOOR LIVE LOAD 50 LBS/SQ FT

ROOF LIVE LOAD 20 LBS/SQ FT (REDUCIBLE)  
THIS STRUCTURE IS DESIGNED TO SUPPORT A FIRE SPRINKLER SYSTEM

RAMP LIVE LOAD 100 LBS/SQ FT

BUILDING AREA 960 SQ FT

CLIMATE ZONES 1-16

2001 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR)

2001 CALIFORNIA BUILDING CODE, VOLUMES 1, 2 AND 3 (PART 2, TITLE 24, CCR) (1997 EDITION UNIFORM BUILDING CODE WITH 2001 CALIFORNIA AMENDMENTS)

2001 CALIFORNIA ELECTRICAL CODE (PART 3, TITLE 24, CCR) (1999 EDITION NATIONAL ELECTRICAL CODE WITH 2001 CALIFORNIA AMENDMENTS)

2001 CALIFORNIA MECHANICAL CODE (PART 4, TITLE 24, CCR) (2000 EDITION IAPMO UNIFORM MECHANICAL CODE WITH 2001 CALIFORNIA AMENDMENTS)

2001 CALIFORNIA PLUMBING CODE (PART 5, TITLE 24, CCR) (2000 EDITION IAPMO UNIFORM PLUMBING CODE WITH 2001 CALIFORNIA AMENDMENTS)

2001 CALIFORNIA ENERGY CODE (PART 6, TITLE 24, CCR)

2001 CALIFORNIA ELEVATOR SAFETY CONSTRUCTION CODE (PART 7, TITLE 24, CCR)

2001 CALIFORNIA FIRE CODE (PART 9, TITLE 24, CCR)

2001 CALIFORNIA REFERENCED STANDARDS CODE (PART 12, TITLE 24, CCR)

NFPA 13, 1999 EDITION, THE INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS, AS AMENDED

NFPA 14, 2000 EDITION, INSTALLATION OF STANDPIPE, PRIVATE HYDRANT AND HOSE SYSTEMS

NFPA 24, 1995 EDITION, INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES

NFPA 72, 1999 EDITION, NATIONAL FIRE ALARM CODE, AS AMENDED

MODULES

SYSTEM

FOUNDATION

SEISMIC

MOMENT-RESISTANT

(2) 12' X 40' MODULES

PRESSURE TREATED WOOD

ZONE 4

SEISMIC SOURCE A  
 DISTANCE FROM SEISMIC SOURCE ≤ 2 KM  
 SOIL TYPE S<sub>1</sub>

**ARCHITECT'S STATEMENT**

These drawings and/or specifications and/or calculations for the items listed below have been prepared by other design professionals or consultants who are licensed and/or authorized to prepare such drawings in this state. These documents have been examined by me for design intent and have been found to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me.

The items listed below are acceptable for incorporation into the construction of this project for which I am the individual designated to be in general responsible charge (or for which I have been delegated responsibility for this portion of the work).

LIST OF ITEMS REVIEWED AND ACCEPTED:

REFER TO SHEET INDEX FOR A LIST OF DRAWINGS PREPARED BY OTHERS INCLUDING ALL DRAWINGS AND/OR CALCULATIONS PREPARED FOR ME.

AMERICAN MODULAR SYSTEMS INC.  
 IDENTIFIED BY THE FOLLOWING PC NUMBER:  
 CLASSROOM BUILDING - 30147 PC 02-104916

Signature of the Architect/Engineer  
 William J. Mabey, Principal, Architect

Date  
 7-25-05

C-16835  
 License Number

DEC. 31, 2005  
 Expiration Date

NOTICE:  
 THE ARCHITECT'S STAMP PLACED WITHIN THE BLUE BLOCK OF THIS SHEET SHALL CONSTITUTE REVIEW AND ACCEPTANCE OF THIS STATEMENT AND SHALL NOT BE REPLICATED HERE.



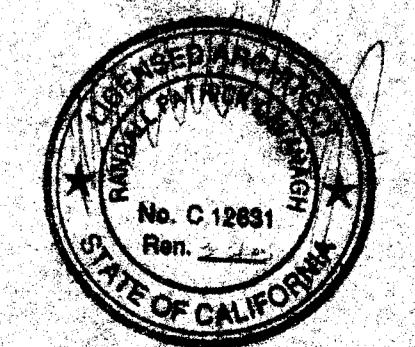
American Modular Systems Inc.  
 787 Sprackelle Ave., Manteca, CA 95336  
 (209)825-1921 Fax (209)825-7018  
 americanmodular.com

IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT

APPROX: 108679

AC: FLS: SS

DATE: 11/16/05



BASED ON PC 02-104916

CBC 2001

IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT

FILE NO.

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

AC: FLS: SS

DATE

JOB NO.  
 DATE: NOVEMBER 29, 2004

SHEET NUMBER  
 TS-1

BINDING ORDER