American Modular Systems Inc.

12 X 40 RELOCATABLE BUILDING
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

DSA 103–1 (R 11/85)

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

	COMPACTED FILL
	Fill material, acceptance tests
	Composition control, continuous
	Composition tests only as ordered
	Bearing capacity of compacted fill
	REINFORCING STEEL
X	Sample and test bar steel #5 AND LARGER
	Sample and test mesh
	Inspect placing at job
	STRUCTURAL STEEL
X	Sample and test as detailed below
	Shop fabrication inspection
	Field erection inspection
X	Inspection of welds – Shop
	Inspection of welds – Field
	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, city
	Inspection of placing
	Core drill samples
	GLUED LAMINATED STRUCTURAL LUMBER
	Fabrication inspection
	Sample and test steel accessories
	Inspect fabrication of steel accessories

CONCRETE	GUNITE	GROUT	MORTAR	
				Test of aggregates for mix design only
				Suitability tests of aggregates as detailed below
				Mix designs
				Continuous batch plant inspection
				Inspect placing
X				Sample
				Compressive tests
				Pick up samples at job
				Samples delivered to laboratory
				Deliver sample forms to jobsite
				Sample and test cement

SUITABILITY TESTS	CONCRETE MATERIALS	GUNITE	MORTAR	GROUT
Sodium sulphate				
Structural strength				
Los Angeles rattler				
Clay (Hydrometer method)				
Reactivity tests				
Volume change				

MIX DESIGNS: CONCRETE, GROUT, MORTAR OR GUNITE

MATERIAL	MAXIMUM SIZE	COMPRESSIVE STRENGTH, PSI, MINIMUM 28 DAYS					
CONCRETE	1 1/2"	2500					
CONCRETE	1 1/2"	3500					

List of structural steel members to be tested:

3 1/2" x 3 1/2" x 1/4" SQ. COL.
C7X9.8
10 ga. & 12 ga. ROOF CEE
6 7/8"x14 ga. FLOOR JOISTS
6 7/8"x12 ga. FLOOR JOISTS
6"x14 ga. ROOF JOIST
4"x12 ga. ALT. ROOF JOIST
2"x16 ga. STRAPS
3"x18 ga. ALT. STRAPS

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

Other Tests and Inspections, together with special instructions:

GROUNDING TEST
EXPANSION ANCHORS

Copies of Reports to:

DSA/ORS
AMERICAN MODULAR SYSTEMS, INC.
SCHOOL DISTRICT
ARCHITECT

By: _____
AUTHORIZED REPRESENTATIVE

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SHEET No.	DESCRIPTION
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1	FLOOR PLAN & NOTES
2	EXTERIOR ELEVATIONS
3	CEILING GRID, DETAILS AND NOTES
4	INTERIOR ELEVATIONS AND OPTIONS
S1A	CONCRETE FOUNDATION PLANS ~~BOXED~~ BELOW GRADE 50 PSF FLOOR LIVE LOAD PLUS 20 PSF PARTITION LOAD ~~& 125 PSF FLOOR LIVE LOAD CONCRETE FLOOR~~
S1B	CONCRETE FOUNDATION DETAILS
S2	FLOOR FRAMING PLAN & DETAILS
S2A	BUILDING SECTIONS AND WALL DETAILS
S3	ROOF FRAMING PLAN AND DETAILS
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E2	ELECTRICAL PLAN & NOTES

See comments on 24' x 40'

BUILDING DATA

WAYSIDE ELEMENTARY

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)	22.6 LBS/SQ FT
FLOOR LIVE LOAD	50 LBS/SQ FT + 20 LBS/SQ FT
ROOF LIVE LOAD	20 LBS/SQ FT (REDUCIBLE) THIS STRUCTURE IS DESIGNED TO SUPPORT A FIRE SPRINKLER SYSTEM
BUILDING AREA	480 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	MOMENT–RESISTANT (LONGITUDINAL) PLYWOOD SHEAR WALL (TRANSVERSE)
SYSTEM	(1) 12' X 40' MODULES
FOUNDATION	CONCRETE
SEISMIC	ZONE 4

SEISMIC SOURCE A
DISTANCE FROM SEISMIC SOURCE ≤ 2 KM
SOIL TYPE S_D

CBC 2001

FILE NO.

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

03-111734
AC. TW FLS. 20 SS 20
DATE APR 2 9 2008

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LICENSED ARCHITECT
No. C 12631
Exp. 3-31-09
STATE OF CALIFORNIA

BASED ON PC 02–104931

JOB NO.
DATE: 04/02/08
SHEET NUMBER
TS–1
BINDING ORDER 1