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 CALFORNIA
DEPT. OF GENERAL SERVICES
DIVISION OF THE
STATE ARCHITECT

STRUCTURAL
TESTS
AND
INSPECTIONS

DRS 103–1 (R 11/85)

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

	CON-CRETE	GUNITE	GROUT	MORTAR	
COMPACTED FILL					
Fill material, acceptance tests					Test of aggregates for mix design only
Compaction control, continuous					Suitability tests of aggregates as detailed below
Compaction tests only as ordered					Mix designs
Bearing capacity of compacted fill					Continuous batch plant inspection
REINFORCING STEEL					Inspect placing
X Sample and test bar steel #5 AND LARGER					Sample
Sample and test mesh	X				Compressive tests
Inspect placing at job					Pick up samples at job
STRUCTURAL STEEL					Samples delivered to laboratory
X Sample and test as detailed below					Deliver sample forms to jobsite
Shop fabrication inspection					Sample and test cement
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 only					
Inspection of placing					
Core drill 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 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

INDEX

SHEET No.	DESCRIPTION
TS–1	TITLE & BUILDING DATA NOTES
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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 ABOVE & 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 PLANS AND DETAILS PLYWOOD FLOOR 50 PSF FLOOR LIVE LOAD PLUS 20 PSF PARTITION LOAD
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BUILDING DATA
NOBLE RESTROOM

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	

THESE DRAWINGS AND / OR SPECIFICATIONS AND / OR CALCULATIONS FOR THE ITEMS LISTED BELOW HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS WHO ARE LICENSED AND AUTHORIZED TO PREPARE SUCH DRAWINGS IN THIS STATE. THESE DOCUMENTS HAVE BEEN EXAMINED AND HAVE BEEN FOUND TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS
THE ITEMS LISTED BELOW ARE ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT FOR WHICH I AM THE INDIVIDUAL DESIGNATED TO BE GENERALLY RESPONSIBLE (FOR FOR WHICH I HAVE BEEN DELEGATED RESPONSIBILITY) FOR THIS PORTION OF THE WORK.
A LIST OF ITEMS HAS BEEN REVIEWED AND ACCEPTED. (FOR DRAWINGS, A LIST OF ALL ACCEPTED DRAWINGS ARE ATTACHED, SEE SHEET NO.

LICENSED ARCHITECT
C-18189
3-31-05
RENEWAL DATE
STATE OF CALIFORNIA

DATE

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

NOBLE RESTROOM CHANGE

BASED ON PC# 02-104931

CBC 2001

FILE NO. SC 15-G

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-104224
AC. NN FLS. EV SS MC
DATE 1-27-05

American Modular Systems Inc.
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(209)825-1921 Fax (209)825-7018
americanmodular.com

JOB NO.
DATE: NOVEMBER 5, 2003
SHEET NUMBER
TS–1
BINDING ORDER 1