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 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					Test of aggregates for mix design only
Fill material, acceptance tests					Substitute tests of aggregates as detailed below
Compaction control, continuous					Mix designs
Compaction tests only as ordered					Continuous batch plant inspection
Bearing capacity of compacted fill					Inspect placing
REINFORCING STEEL					Sample
X Sample and test bar steel				X	Compressive tests
Sample and test mesh					Pick up samples at job
Inspect placing at job					Genuine delivered to laboratory
STRUCTURAL STEEL					Deliver sample forms to jobsite
X Sample and test as detailed below					Sample and test cement
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 only					
Inspection of placing					
Cure 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" X 14 GA. FL. JOISTS
6 7/8" x 12 ga. ALT. FL. JOIST
6"x14 ga. ROOF JOIST
4"x12 ga. ALT. ROOF JOIST
3 1/2" x 10 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
EPOXY 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
N-1	GENERAL NOTES AND SPECIFICATIONS
1	FLOOR PLAN & NOTES
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
S3	ROOF FRAMING PLANS AND DETAILS
S3A	ROOF SECTIONS & DETAILS
S4	WALL FRAMING ELEVATIONS & FRAME DETAILS
M1	MECHANICAL PLAN & NOTES
M2	ENERGY MANDATORY MEASURES
E1	ELECTRICAL PLAN & NOTES

BUILDING DATA
CAROLINE HARRIS–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
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

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 (OR 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 ON SHEET NO. TS-1.

LICENSED ARCHITECT C-18758 STATE OF CALIFORNIA
STEPHEN L. [illegible] ARCHITECT
9/29/04
Date

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP03 111193
AC 60 FLS 90% SS
DATE NOV 01 2007

LICENSED ARCHITECT MICHAEL PATRICK GRANGER No. C 12631 Exp. ___ STATE OF CALIFORNIA

CBC 2001

MODULES	MOMENT–RESISTANT
SYSTEM	(2) 12' X 40' MODULES
FOUNDATION	PRESSURE TREATED WOOD
SEISMIC	ZONE 4 SEISMIC SOURCE A DISTANCE FROM SEISMIC SOURCE ≤ 2 KM SOIL TYPE S_D

FILE NO.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
AC____ FLS____ SS____
DATE____

APPROVED
DIV. OF THE STATE ARCHITECT
LOS ANGELES BASIN REGIONAL OFFICE
AC ___ FLS ___ SS 2
APPL. NO. 105168 DATE 10/28/04

BASED ON PC# 02-104915

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

JOB NO.
DATE:SEPTEMBER 28, 2004
SHEET NUMBER
TS-1
BINDING ORDER 1

DSA APPROVED RELOS FOR HARRIS (CURRENT AMS DSA PLANS)