

JOB# 4736

MODULAR CLASSROOM BUILDING

FOR WILLIAMS SCOTSMAN

BUILDING SIZE: 24'x40' (50 UNITS)

STOCKPILE

PC-04-104796

DGS State of California • Department of General Services • Gray Davis, Governor
DIVISION OF THE STATE ARCHITECT
Headquarters • 1130 K Street, Suite 101 • Sacramento, CA 95814 • (916) 445-8100

STRUCTURAL TESTS AND INSPECTIONS

Young's Modulus: _____ Date: _____ File Number: _____
 Name: _____ Application Number: _____
 Design/Owner: _____
 Address: _____
 Structural Engineer: _____

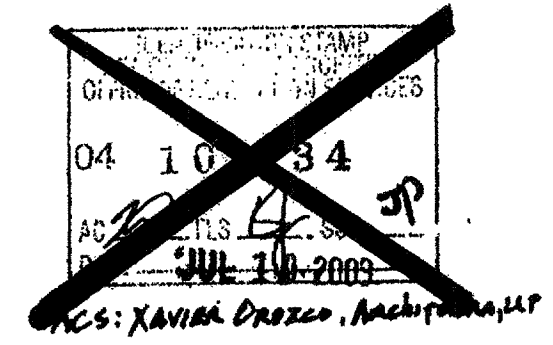
The following tests and inspections, as shown, will be completed as detailed in applicable specifications.

COMPACTED FILL	Concrete	Grout	Mortar	Test of aggregates for mix design only
<input type="checkbox"/> PB materials, acceptance tests				Suitability tests of aggregate as detailed below
<input type="checkbox"/> Composition optimal, continuous				Mix design
<input type="checkbox"/> Composition stable only as ordered				Continuous batch plant inspection
<input type="checkbox"/> Bearing capacity of compacted fill				Inspect piling
NON-FERROUS STEEL				Sample
<input type="checkbox"/> Sample and test bar steel				Compression tests
<input type="checkbox"/> Sample and test mesh				Pick up samples at job
<input type="checkbox"/> Inspect piling at job				Samples delivered to laboratory
STRUCTURAL STEEL				Deliver sample forms to job site
<input type="checkbox"/> Sample and test as detailed below				Sample and test cement
<input type="checkbox"/> Shop fabrication inspection				
<input type="checkbox"/> Field erection inspection				
<input type="checkbox"/> Inspection of bolts - Shop				
<input type="checkbox"/> Inspection of bolts - Field				
<input type="checkbox"/> Inspection of riveting or bolting - Shop				
<input type="checkbox"/> Inspection of riveting or bolting - Field				
<input type="checkbox"/> Sample and test high strength bolts and washers				
BRICK AND BLOCK				
<input type="checkbox"/> Sample and test				
<input type="checkbox"/> Test only				
<input type="checkbox"/> Inspection of piling				
<input type="checkbox"/> Core and samples				
GLUED LAMINATED STRUCTURAL LUMBER				
<input type="checkbox"/> Fabrication inspection				
<input type="checkbox"/> Sample and test steel connectors				
<input type="checkbox"/> Inspect fabrication of steel connections				

ALL UNIDENTIFIED STEEL PER CBC CHAPTER 22A (MILL CUTS)

Is this list continued on reverse? YES NO
 Other tests and inspections, together with special instructions: _____
 Copies of reports to: **OPBC, AOR**

Are these inspections continued on reverse? YES NO
 888 100-1 (Revised 6/96) _____
 Authorized Representative



BUILDING DATA

STRUCTURAL DESIGN: ORDINARY MOMENT RESISTANT FRAME
 TYPE OF CONSTRUCTION: V-N
 WIND LOAD (EXP C): 80 MPH
 SEISMIC ZONE 4, SEISMIC SOURCE TYPE A, DISTANCE ≤ 1.25 MILES
 $Z = .4$ $I = 1.0$ $C_v = 1.28$ $N_v = 2.0$
 $R = 4.5$ $C_a = 0.66$ $N_a = 1.5$ SOIL TYPE = S_D
 FLOOR LIVE LOAD: 50 PSF
 ROOF LIVE LOAD: 20 PSF
 OCCUPANCY: 24'x40' CLASSROOM: E-2
 BUILDING AREA: 24'x40' BUILDING - 960 SF
 -COMPLIES WITH CLIMATE ZONES 1-15
 THIS PC IS DESIGNED STRUCTURALLY TO SUPPORT THE WEIGHT OF A FIRE SPRINKLER SYSTEM.

APPLICABLE CODES

2001 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1, 2, AND 3 (PART 2, TITLE 24, CCR) (1997 EDITION UNIFORM BUILDING CODE WITH 2001 CALIFORNIA AMENDMENTS)
 2001 CALIFORNIA ELECTRICAL CODE (CEC), (PART 3, TITLE 24, CCR) (1999 EDITION NATIONAL ELECTRICAL CODE WITH 2001 CALIFORNIA AMENDMENTS)
 2001 CALIFORNIA MECHANICAL CODE (CMC), (PART 4, TITLE 24, CCR) (2000 EDITION INPMD UNIFORM MECHANICAL CODE WITH 2001 CALIFORNIA AMENDMENTS)
 2001 CALIFORNIA PLUMBING CODE (CPC), (PART 5, TITLE 24, CCR) (2000 EDITION INPMD UNIFORM PLUMBING CODE WITH 2001 CALIFORNIA AMENDMENTS)
 2001 CALIFORNIA FIRE CODE (PART 9, TITLE 24, CCR)
 2001 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR)
 2001 CALIFORNIA ENERGY CODE (PART 6, TITLE 24, CCR)
 2001 CALIFORNIA REFERENCED STANDARDS CODE (PART 12, TITLE 24, CCR)
 TITLE 19, CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.

LEGEND

SYMBOL	DESCRIPTION
	DETAIL (1) ON SAME SHEET AS SYMBOL
	DETAIL (1) ON SHEET (2)
	KEY NOTE (1) ON SAME SHEET AS SYMBOL
	SECTION "A" ON SHEET (2)
	REVISION/CHANGE IN DRAWING. (1) IS FIRST REVISION
	HIGHLIGHTS CHANGED AREA
	DOOR REFERENCE
	WINDOW REFERENCE
	ELECTRICAL ITEM(S) SEE ELECTRICAL DRAWINGS
	HEATING/VENTILATING & AIR CONDITIONING ITEM(S) SEE MECHANICAL DRAWINGS
	PLUMBING ITEM(S) SEE MECHANICAL DRAWINGS
	STRUCTURAL ITEM(S) SEE STRUCTURAL DRAWINGS
	FINISH ITEM(S) SEE FINISH SCHEDULE
	RAMP - SEE RAMP DRAWINGS

ABBREVIATIONS

AGC = ABOVE GRADE CONCRETE
 BGC = BELOW GRADE CONCRETE
 DIA = DIAMETER
 CLR = CLEAR
 GA = GAUGE
 MAX = MAXIMUM
 MIN = MINIMUM
 NIC = NOT IN CONTRACT
 NTS = NOT TO SCALE
 OC = ON CENTER
 OD = OUTSIDE DIAMETER
 OSB = ORIENTED STRAND BOARD
 ROH = ROOF OVERHANG
 SIM = SIMILAR
 STS = SELF TAPPING SCREW
 STSMS = SELF TAPPING SHEET METAL SCREW
 TYP = TYPICAL
 UON = UNLESS OTHERWISE NOTED

WITH THE SIGNING OF THESE DRAWINGS, WE ACKNOWLEDGE THAT WE HAVE REVIEWED THESE PLANS AND SPECIFICATIONS AND HAVE FOUND THEM TO BE IN GENERAL COMPLIANCE WITH THE BID DRAWINGS, SPECIFICATIONS AND ASSOCIATED ADDENDA. WHEN THESE PLANS AND SPECIFICATIONS HAVE BEEN APPROVED BY THE DIVISION OF THE STATE ARCHITECT, THEY SHALL PRESIDE OVER CONFLICTING AREAS IN THE BID DRAWINGS AND SPECIFICATIONS, AND ANY ADDENDA THERETO.

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A2.02	REFLECTED CEILING PLAN (10 LIGHTS)
A2.03	REFLECTED CEILING PLAN (12 LIGHTS)
A2.04	REFLECTED CEILING PLAN (12 LIGHTS)
A2.06	REFLECTED CEILING DETAILS
A3.01	ROOF PLAN 22 GA.
A3.02	ROOF PLAN 22 GA.
A3.03	ROOF DETAILS
A4.01	EXTERIOR ELEVATIONS (DUAL PITCH) W/ FASCIA
A4.02	EXTERIOR ELEVATIONS (DUAL PITCH) W/O FASCIA
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AB.0	SPECIFICATIONS
AB.1	SPECIFICATIONS
AB.2	SPECIFICATIONS

AGENCY TRACKING NO. 69321-154
 FILE NO. 15-6

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 03117035
 AC FL S L S SS 84
 DATE 02/27/2010

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 04 105455
 AC FL S L S SS 16
 DATE JUL 17 2003
 AS: V. GARCIA

STRUCTURAL	
F1.0	FOUNDATION PLAN - 50 PSF LL (WOOD)
F1.01	FOUNDATION PLAN 50 PSF LL (WOOD)
F2.0	FOUNDATION DETAILS (WOOD) W/ 3 PLATES
F2.01	FOUNDATION DETAILS (WOOD) W/ 3 PLATES
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S1.2	FLOOR FINISH DETAILS (TYPICAL)
S2.0	ROOF FINISH PLAN (DUAL PITCH) W/ FASCIA
S2.01	ROOF FINISH PLAN (DUAL PITCH) W/O FASCIA
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S3.0	EXTERIOR ELEVATIONS (DUAL PITCH) W/ FASCIA
S3.01	EXTERIOR ELEVATIONS (DUAL PITCH) W/O FASCIA
S3.02	EXTERIOR ELEVATIONS (DUAL PITCH) W/O FASCIA
S4.0	WALL FINISH (WOOD)
S4.01	WALL FINISH (WOOD)
S4.02	WALL FINISH (WOOD)
S4.03	WALL FINISH (WOOD)
S4.04	WALL FINISH (WOOD)
S4.05	WALL FINISH (WOOD)
S4.06	WALL FINISH (WOOD)
S4.07	WALL FINISH (WOOD)
S4.08	WALL FINISH (WOOD)
S4.09	WALL FINISH (WOOD)
S4.10	WALL FINISH (WOOD)
S4.11	WALL FINISH (WOOD)
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S4.15	WALL FINISH (WOOD)
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S4.17	WALL FINISH (WOOD)
S4.18	WALL FINISH (WOOD)
S4.19	WALL FINISH (WOOD)
S4.20	WALL FINISH (WOOD)

MECHANICAL	
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M1.01	MECHANICAL (HVAC) PLAN - 4 TON
M1.02	MECHANICAL (HVAC) PLAN - 4 TON

ELECTRICAL	
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E1.04	ELECTRICAL PLAN

RAMP	
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R1.02	RAMP/STAIRS DETAILS
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R2.02	5 FOOT RAMP/LANDING DETAILS
R3.01	5 FOOT RAMP/LANDING PLAN
R3.02	5 FOOT RAMP/LANDING DETAILS
R4.01	5 FOOT RAMP/LANDING PLAN
R4.02	5 FOOT RAMP/LANDING DETAILS

PC
CBC 2001

NOTES
 SECTION 2213A.4.1 OF THE 2001 CBC
 ALL WELDS IN PRIMARY MEMBERS AND CONNECTIONS IN THE LATERAL FORCE-RESISTING SYSTEM SHALL BE MADE WITH A FILLER METAL THAT HAS A MINIMUM CHAMPY V-NOTCH TOUGHNESS OF 20 FT-LBS AT MINUS 20 DEGREES F.

(Old 101419)

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	PC Professional of Record Seal	Architect's Seal

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 PC-04
 104796
 AC FL S L S SS 84
 DATE 02/27/2010

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PROJECT NUMBER: 4736
 WILLIAM SCOTSMAN

COVER SHEET

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DRAWN BY: CL
 DATE: 07/07/03
 CHECKED BY:
 DATE:
 MODTECH, Inc. No. **A.0**