JOB# 4736

MODULAR CLASSROOM BUILDING

FOR WILLIAMS SCOTSMAN

BUILDING SIZE: 24'x40'(50 UNITS)

STOCKPILE

PC-04-104796

CLASS LEASING INC
STOCKPILE 76- A# 04-105455 CERTIFIED 3/25/2005

SERIAL NUMBERS

47944-001/002
47945-001/002
47946-001/002
47947-001/002
47948-001/002
47949-001/002
47962-001/002
47963-001/002
47980-001/002
47981-001/002
48721-001/002
48722-001/002
48724-001/002
48725-001/002
48726-001/002
48728-001/002
48733-001/002
48734-001/002

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

Testing Laboratory: Date: File Number:
Name: Application Number:
District / Owner:
Architect:
Structural Engineer:

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

COMPACTED FILL
☐ 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 placing at job

STRUCTURAL STEEL
☒ Sample and test as detailed below
☒ Shop fabrication inspection
☐ Field erection inspection
☒ 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

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
				Sample
				Compression tests
				Pick up samples at job
				Samples delivered to laboratory
				Deliver sample forms to job site
				Sample and test cement

Suitability Tests	Concrete	Gunite	Grout	Mortar
☐ Sodium sulphate				
☐ Structural strength				
☐ Los Angeles rattler				
☐ Clay (Hydrometer method)				
☐ Reactivity tests				
☐ Volume change				

Mix designs: Concrete, Gunite, Mortar, or Grout

Material	Maximum Size	Compressive Strength, PSI, Minimum

List all structural steel members to be tested:
ALL UNIDENTIFIED STEEL PER CBC CHAPTER 22A (MILL CERTS)

Is this list continued on reverse? ☐ YES ☐ NO

Other tests and inspections, together with special instructions:

Copies of reports to: OPSC, AOR

Are these instructions continued on reverse? ☐ YES ☐ NO

By: ______ Authorized Representative

SSS 103-1 (Revised 8/00)

(Old 101419)

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 CHARPY V-NOTCH TOUGHNESS OF 20 FT-LBS AT MINUS 20 DEGREES F.

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 Cv = 1.28 Nv = 2.0
R = 4.5 Ca = 0.66 Na = 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 IAPMO UNIFORM MECHANICAL CODE WITH 2001 CALIFORNIA AMENDMENTS)
2001 CALIFORNIA PLUMBING CODE (CPC), (PART 5, TITLE 24, CCR) (2000 EDITION IAPMO 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 MARSHALL REGULATIONS.

LEGEND

SYMBOL	DESCRIPTION
(1 / –)	DETAIL (1) ON SAME SHEET AS SYMBOL
(1 / 2)	DETAIL (1) ON SHEET (2)
[1]	KEY NOTE (1) ON SAME SHEET AS SYMBOL
A / 2	SECTION "A" ON SHEET (2)
△1	REVISION/CHANGE IN DRAWING. (1) IS FIRST REVISION
CLOUD	HIGHLIGHTS CHANGED AREA
(1)	DOOR REFERENCE
⟨A⟩	WINDOW REFERENCE
EL	ELECTRICAL ITEM(S) SEE ELECTRICAL DRAWINGS
HV	HEATING/VENTILATING & AIR CONDITIONING ITEM(S) SEE MECHANICAL DRAWINGS
PLG	PLUMBING ITEM(S) SEE MECHANICAL DRAWINGS
STR	STRUCTURAL ITEM(S) SEE STRUCTURAL DRAWINGS
FIN	FINISH ITEM(S) SEE FINISH SCHEDULE
RAMP	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.

SHEET INDEX

ARCHITECTURAL SITE SET-UP FOR RELOCATION

A.0 TITLE SHEET
~~A1.0 FLOOR PLAN~~
A1.1 FLOOR PLAN
~~A2.01 REFLECTED CEILING PLAN (8 LIGHTS)~~
~~A2.02 REFLECTED CEILING PLAN (10 LIGHTS)~~
~~A2.03 REFLECTED CEILING PLAN (12 LIGHTS)~~
~~A3.02 ROOF PLAN 22 GA.~~
A4.01 EXTERIOR ELEVATIONS (DUAL PITCH) W/ FASCIA
~~A4.02 EXTERIOR ELEVATIONS (DUAL PITCH) W/O FASCIA~~
~~A4.03M ARCHITECTURAL DETAILS (METAL STUDS)~~
~~A4.04 ARCHITECTURAL DETAILS (WOOD STUDS)~~
~~A4.04M ARCHITECTURAL DETAILS (METAL STUDS)~~
~~A5.01 DOOR, WINDOW, FINISH, HARDWARE SCHEDULES~~
~~A6.0 SPECIFICATIONS~~
~~A6.1 SPECIFICATIONS~~
~~A6.2 SPECIFICATIONS~~

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 105455
AC FLS SS
DATE JUL 17 2003
FLS: D. E. CASEY
AC: A.M. Smith

STRUCTURAL SS: V. GARCIA

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~~
S1.2 FLOOR FRAMING DETAILS (TYPICAL)
~~S2.0 ROOF FRAMING PLAN (DUAL PITCH) W/ FASCIA~~
~~S2.01 ROOF FRAMING PLAN (DUAL PITCH) W/O FASCIA~~
~~S2.1 ROOF FRAMING DETAILS (TYP.)~~
~~S3.01 STRUCTURAL ELEVATIONS & DETAILS (DUAL PITCH) W/O FASCIA~~
~~S3.02 STRUCTURAL ELEVATIONS & DETAILS (DUAL PITCH) W/O FASCIA~~
~~S4.0M WALL FRAMING (METAL)~~
~~S4.1 WALL FRAMING (WOOD)~~
~~S4.1M WALL FRAMING (METAL)~~
~~S5.0M WALL FRAMING DETAILS (METAL)~~
~~S5.1 WALL FRAMING DETAILS (WOOD)~~
~~S5.1M WALL FRAMING DETAILS (METAL)~~
~~S5.2 WALL FRAMING DETAILS (WOOD)~~
~~S5.2M WALL FRAMING DETAILS (METAL)~~

MECHANICAL

~~M1.01 MECHANICAL (HVAC) PLAN 5 TON~~
~~M1.02 MECHANICAL (HVAC) PLAN 5 TON~~

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DIV. OF THE STATE ARCHITECT
APP03 116975
AC FLS SS
DATE MAY 24 2016

ELECTRICAL

~~E1.01 ELECTRICAL PLAN~~
~~E1.02 ELECTRICAL PLAN~~
E1.03 ELECTRICAL PLAN
~~E1.04 ELECTRICAL PLAN~~

RAMP

R1.02 RAMP/STAIRS DETAILS
R5.01 5 FOOT RAMP/LANDING PLAN

REVISIONS		
△1		
△2		
△3		
△4		
△5		

Electrical Engineer's Seal

Mechanical Engineer's Seal

PC Professional of Record Seal
LICENSED ARCHITECT FRED VINCENT HALLOCK No. C-9626 RENEWAL DATE 12/31/03 STATE OF CALIFORNIA

Architects Seal

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04 104796
DATE 7/2/03

MODTECH INC.
2830 BARRETT AVENUE FAX (909) 943-4014
PERRIS, CALIF. 92572 FAX (909) 940-0427

PROJECT NUMBER: 4736
WILLIAM SCOTTSMAN

DRAWN BY: GL
DATE: 07/07/03
CHECKED BY:
DATE: STKP-76

COVER SHEET

A.0

PROJECT NO. 4736

PC-04-104796

FILE PATH: