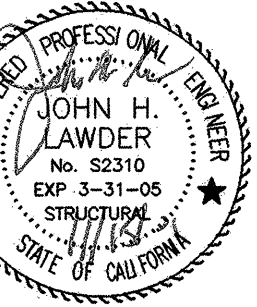


ENVIROPLEX, INC.

RIGID STEELFRAME MODULAR BUILDING
 20 PSF ROOF LIVE-LOAD (NON-REDUCIBLE)
 SAN MATEO COMMUNITY COLLEGE
 (1) 24' x 40' CLASSROOM &
 (2) 36' x 40' CLASSROOMS

JH Lawder, Inc.
 Structural Engineers
 717 16th Street
 Modesto, CA 95354
 (209) 521-1143



ENVIROPLEX, INC.
 4777 E. CARPENTER ROAD STOCKTON, CA. 95215
 SAN MATEO COMMUNITY COLLEGE
 (1) 24' x 40' CLASSROOM &
 (2) 36' x 40' CLASSROOMS

ABBREVIATIONS

Ⓢ	AT
A.F.F.	ABOVE FINISHED FLOOR
ALUM	ALUMINUM
AMP	AMPERES
APA	AMERICAN PLYWOOD ASSOCIATION
ASTM	AMERICAN SOCIETY OF TESTING MATERIALS
AWPB	AMERICAN WOOD PRODUCTS BUREAU
BM	BEAM
BTU	BRITISH THERMAL UNITS
C.C.	CENTER TO CENTER
C.B.C.	CALIFORNIA BUILDING CODE
C.E.C.	CALIFORNIA ELECTRICAL CODE
CR	CIRCUIT
CL	CENTER LINE
CLG	CLEAR
CLR	CLEAR
CONT	CONTINUOUS
CP	COMPLETE PENETRATION
DBL	DOUBLE
D.F.	DOUGLAS FIR - LARCH
DIA	DIAMETER
DN	DOWN
D.S.A.	DIVISION OF THE STATE ARCHITECT
DWG	DRAWING
EA	EACH
ELEC	ELECTRICAL
EN	EDGE NAIL
EQ	EQUAL
EW	EACH WAY
EXP	EXPOSURE
EXT	EXTERIOR
F.A.	FIRE ALARM
FIN	FINISH
FLG	FLANGE
FLR	FLOOR
FLR'G	FLOORING
FT	FEET
FTG	FOOTING
F.R.P.	FIBERGLASS REINFORCED PANEL
FS	FIELD STRENGTH (STEEL)
GA	GUAGE
GALV	GALVANIZED
HD	HOLD-DOWN
HDR	HEADER
HDWR	HARDWARE
H.M.	HOLLOW METAL
H.F.	HEM FIR
HR	HOOR
H.S.B.	A325N HIGH STRENGTH BOLTS
HVAC	HEATING VENTILATION AIR CONDITIONING
INT	INTERIOR
J-BOX	JUNCTION BOX
KW	KILOWATT
L.S.	LOAD
MAX.	MAXIMUM
M.F.	MANUFACTURER
MIN.	MINIMUM
MISC	MISCELLANEOUS
MOD	MODIFIED
MTL	METAL
N.I.C.	NOT IN CONTRACT
NO.	NUMBER
N.C.	ON CENTER
OPT	OPTIONAL
PL	PLYWOOD
PLYWD	PLYWOOD
P.S.I.	POUNDS PER SQUARE INCH
P.S.F.	POUNDS PER SQUARE FOOT
P.T.	PRESSURE TREATED
R-11	THERMAL RATING
RFD	REQUIRED
RFQ	REQUIRED
S.D.S.	SELF DRILLING SCREW(S)
SHS	SHEATHING
S.M.S.	SHEET METAL SCREW(S)
STR	STRUCTURAL
SQ	SQUARE
T&G	TONGUE AND GROOVE
TEK	TEK SCREWS
TS	TUBE STEEL
TYP	TYPICAL
U.B.C.	UNIFORM BUILDING CODE
VOL	VOLTS
W	WATTS
W.I.C.	WOODWORK INSTITUTE OF CALIFORNIA
W/O	WITHOUT
Ø	DIAMETER
1/2	SINGLE PHASE
3Ø	THREE PHASE

TESTING LABORATORY: _____ DATE: _____

NAME: _____

DISTRICT/OWNER: _____

DIVISION - FILE NO. _____ APPLICATION NO. _____

ARCHITECT: _____

STRUCTURAL ENGINEER: _____

THE FOLLOWING TESTS AND INSPECTIONS, AS CHECKED, WILL BE REQUIRED AS DETAILED IN APPLICATION SPECIFICATIONS.

COMPACTED FILL	CONCRETE	GUNITE	GROUT	MORTAR
FILL MATERIAL, ACCEPTANCE TESTS				
COMPACTION CONTROL, CONTINUOUS				
COMPACTION TESTS ONLY AS ORDERED	X			
REINFORCING STEEL		X		
SAMPLE AND TEST BAR STEEL				
SAMPLE AND TEST MESH	X			
INSPECT PLACING AT JOB				
STRUCTURAL STEEL				
SAMPLE AND TEST AS DETAILED BELOW				
SHOP FABRICATION INSPECTION				
FIELD ERECTION INSPECTION				
INSPECTION OF WELDS-SHOP				
INSPECTION OF RIVETS OR BOLTING-SHOP				
INSPECTION OF RIVETS 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				
OTHER TESTS & INSPECTIONS				
1. GENERAL INFLANT INSPECTION				
2. ELECTRICAL GROUND TEST IN FIELD				
3. TEST ELECTRICAL GROUNDING				

LIST OF STRUCTURAL STEEL MEMBERS TO BE TESTED

PROVIDE MILL CERTIFICATES OR TEST PER C.B.C. SECTION 2212 A.1
 STRUCTURAL TUBING TSS&S3/16
 LIGHT GAUGE STEEL SECTIONS & PLATES

DISTRIBUTION

ENVIROPLEX, INC. _____

DIVISION OF STATE ARCHITECT _____

DISTRICT/OWNER _____

INSPECTOR _____

ARCHITECT _____

AUTHORIZATION SIGNATURE _____

REMARKS: _____

A0-COVER SHEET-ABBREVIATIONS-SHEET INDEX

A1-24'x40' FLOOR PLAN-EXTERIOR & INTERIOR ELEVATIONS-MATERIAL SPECIFICATIONS-GENERAL NOTES

A1A-36'x40' (CLASSROOM "A") FLOOR PLAN - DETAILS-MATERIAL SPECS.

A1B-36'x40' (CLASSROOM "A") EXTERIOR & INTERIOR ELEVATIONS

A1C-36'x40' (CLASSROOM "B") FLOOR PLAN - DETAILS-MATERIAL SPECS.

A1D-36'x40' (CLASSROOM "B") EXTERIOR & INTERIOR ELEVATIONS

A2-24'x40' MECHANICAL & REFLECTED CEILING PLANS-HVAC @ WALL SECTION-DETAILS-HVAC SPECIFICATIONS

A2A-36'x40' (CLASSROOM "A") MECHANICAL & REFLECTED CEILING PLAN

A2B-36'x40' (CLASSROOM "B") MECHANICAL & REFLECTED CEILING PLAN

A3-24'x40' ELECTRICAL POWER & SIGNAL PLAN-ELECTRICAL LIGHTING PLAN DETAILS-ELECTRICAL NOTES

A3A-36'x40' (CLASSROOM "A") ELECTRICAL & LIGHTING PLAN

A3B-36'x40' (CLASSROOM "B") ELECTRICAL & LIGHTING PLAN

A4-SECTIONS-DETAILS

S1W50-50 PSF WOOD FOUNDATION PLAN-FOOTING DETAILS-NOTES

S1W50A-36' x 40' 50 PSF WOOD FOUNDATION PLAN-FOOTING DETAILS-NOTES

S2-ROOF-CEILING-FLOOR FRAMING PLANS-STRUCTURAL STEEL PROPERTIES-NOTES

S3-LONGITUDINAL BUILDING SECTION-WALL FRAMING ELEVATIONS NAILING DETAIL-END FRAME ELEVATION-NAILING SCHEDULE

S4-CONNECTION DETAILS

SSR-HANDICAP ACCESS RAMP

TAPERED ROOF SHEET INDEX

SYMBOL INDEX

ELEVATION TOP OF WORK BENCHMARK

DETAIL SHEET DETAIL KEY

SECT. NO. SHEET BUILDING SECTION

ENLARGED PLAN VIEW DETAIL

WALL ELEVATION SYMBOL

SEE SHEET A3 FOR ELECTRICAL SYMBOLS

A0-COVER SHEET-ABBREVIATIONS-SHEET INDEX

A1A-FLOOR PLAN-EXTERIOR & INTERIOR ELEVATIONS-MATERIAL SPECIFICATIONS-GENERAL NOTES

A1B-ALTERNATES

A2-MECHANICAL & REFLECTED CEILING PLANS-HVAC @ WALL SECTION-DETAILS-HVAC SPECIFICATIONS

A2A-ALTERNATE MECHANICAL & REFLECTED CEILING PLAN-HVAC @ WALL SECTION-DETAILS-HVAC SPECIFICATIONS

A3-ELECTRICAL POWER & SIGNAL PLAN-ELECTRICAL LIGHTING PLAN DETAILS-ELECTRICAL NOTES

A4A-SECTIONS-DETAILS

S1C-CONCRETE FOUNDATION PLAN-FOOTING DETAILS-NOTES

S1W50-50 PSF WOOD FOUNDATION PLAN-FOOTING DETAILS-NOTES

S1W70-70 PSF WOOD FOUNDATION PLAN-FOOTING DETAILS-NOTES

S1W125-125 PSF WOOD FOUNDATION PLAN-FOOTING DETAILS-NOTES

S2A-ROOF-CEILING-FLOOR FRAMING PLANS-STRUCTURAL STEEL PROPERTIES-NOTES

S3A-LONGITUDINAL BUILDING SECTION-WALL FRAMING ELEVATIONS NAILING DETAIL-END FRAME ELEVATION-NAILING SCHEDULE

S4A-CONNECTION DETAILS

SSR-HANDICAP ACCESS RAMP

SLED ROOF SHEET INDEX

APPLICABLE CODES:

CALIFORNIA BUILDING CODE, PART 2, TITLE 24 (1994 UNIFORM BUILDING CODE AND CALIFORNIA AMENDMENTS)

CALIFORNIA ELECTRICAL CODE, PART 3 TITLE 24 (1993 NATIONAL ELECTRICAL CODE AND CALIFORNIA AMENDMENTS)

CALIFORNIA MECHANICAL CODE, PART 4, TITLE 24 (1994 UNIFORM MECHANICAL CODE AND CALIFORNIA AMENDMENTS)

CALIFORNIA PLUMBING CODE, PART 5, TITLE 24 (1994 UNIFORM PLUMBING CODE AND CALIFORNIA AMENDMENTS)

CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 (1994 UNIFORM BUILDING CODE STANDARDS AND CALIFORNIA AMENDMENTS)

CALIFORNIA FIRE CODE, PART 9, TITLE 24 (1994 UNIFORM FIRE CODE AND CALIFORNIA AMENDMENTS)

TITLE 19, CALIFORNIA CODE OF REGULATIONS

OCCUPANCY E3

CONSTRUCTION TYPE V-NR

CLASSROOM AREA: 1,400 S.F. NOMINAL

1. ALL MATERIALS & WORKMANSHIP SHALL CONFORM TO THE 1995 CALIFORNIA BUILDING CODE (C.B.C.) A COPY OF THE CALIFORNIA BUILDING CODE SHALL BE KEPT ON THE SITE AT ALL TIMES.

2. CHANGES TO THE APPROVED DRAWINGS & SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CHANGE ORDER APPROVED BY THE STRUCTURAL ENGINEER, OWNER, & THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED.

3. A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) & APPROVED BY THE STRUCTURAL ENGINEER & THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 1701.3 OF 1995 C.B.C.

4. MATERIAL TESTING AS NOTED IN THE STRUCTURAL TESTS & INSPECTIONS AT THE LEFT SHALL BE PERFORMED AS REQUIRED PER SECTION 2212A.1 OF 1995 C.B.C. MATERIAL TESTING REQUIRED BY FIRE REGULATIONS SHALL BE PERFORMED BY A NATIONALLY RECOGNIZED TESTING LABORATORY.

5. VERIFIED REPORTS (DSA/SSS FORM 6) SHALL BE SUBMITTED PER SECTION 4-336 AND 4-343 (c) BY THE MANUFACTURER, INSPECTOR, STRUCTURAL ENGINEER.

6. A SEPARATE DSA APPLICATION NUMBER MUST BE OBTAINED BEFORE MANUFACTURING ANY ENVIROPLEX UNIT IN ACCORDANCE WITH THESE DRAWINGS.

7. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD & ACCESS REQUIREMENTS & ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.

8. SPECIAL INSPECTIONS PER SECTION 1701 1995 C.B.C.

D.S.A. REQUIREMENTS

DIVISION OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES

Based on PC-02-10236

IDENTIFICATION STAMP

DIVISION OF THE STATE ARCHITECT

APPL 104083

DATE: _____

DESIGN CRITERIA

ROOF: DEAD LOAD - 8.0 PSF
 ROOF: LIVE LOAD - 20.0 PSF (SNOW)

FLOOR: DEAD LOAD - 8.0 PSF
 FLOOR: LIVE LOAD - 50.0 PSF
 (OPTIONAL) FLOOR: LIVE LOAD - 70.0 PSF
 (OPTIONAL) FLOOR: LIVE LOAD - 125.0 PSF

WALLS: DEAD LOAD - 8.0 PSF
 WIND: 80 MPH; EXPOSURE: C
 qs=16.4 PSF; Cw=1.06; Cq AS REQ.
 SEISMIC: ZONE 4, Rw=6, C=2.75

DATE: _____

THIS MODULAR BLDG. HAS BEEN ENGINEERED BY A REGISTERED STRUCTURAL ENGINEER AND PREVIOUSLY REVIEWED & APPROVED BY THE DIVISION OF THE STATE ARCHITECT, FIRE & LIFE SAFETY AND ACCESS COMPLIANCE SECTION

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COVER SHEET
 ABBREVIATIONS
 SHEET INDEX

REVISION DATE: _____ BY: _____

ABBREVIATIONS

STRUCTURAL TESTS AND INSPECTIONS

SYMBOL INDEX

BUILDING CODES/CBC DATA

APPROVALS

A0