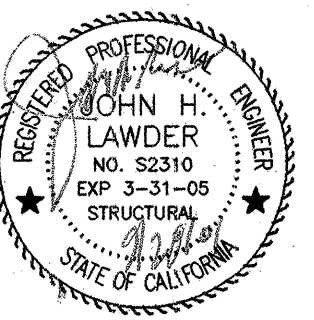


ENVIROPLEX, INC.

RIGID STEELFRAME MODULAR BUILDING APPLICABLE TO RELOCATABLE CLASSROOMS 48' x 40' SKYLINE COLLEGE @ FACILITIES MAINTENANCE CENTER

(REF: PC # 02-101236)

JH Lawder, Inc.
Structural Engineers
717 16th Street,
Modesto, CA 95354
(209) 521-1143
Fax (209) 521-1166



ENVIROPLEX, INC.
4777 E. CARPENTER ROAD STOCKTON, CA 95215
48' x 40' RELOCATABLE CLASSROOMS
FOR SKYLINE COLLEGE
FACILITIES MAINTENANCE CENTER

COVER SHEET
ABBREVIATIONS
SHEET INDEX

AT	ABOVE FINISHED FLOOR
A.F.F.	ALUMINUM
AMP	AMPERES
APA	AMERICAN PLYWOOD ASSOCIATION
ASTM	AMERICAN SOCIETY OF TESTING MATERIALS
AWPB	AMERICAN WOOD PRODUCTS BUREAU
BM	BEAM
BTU	BRITISH THERMAL UNITS
CCC	CENTER TO CENTER
CCC/C	CALIFORNIA BUILDING CODE
CEC/C	CALIFORNIA ELECTRICAL CODE
CL	CIRCUIT
CLG	CENTER LINE
CLR	CLEAR
CONT	CONTINUOUS
CP	COMPLETE PENETRATION
DBL	DOUBLE
DF	DOUGLAS FIR - LARCH
DIA	DIAMETER
DN	DOWN
D.S.A.	DIVISION OF THE STATE ARCHITECT
DWG	DRAWING
EACH	EACH
ELEC	ELECTRICAL
EN	EDGE NAIL
EQ	EQUAL
EXP	EXPOSURE
EXT	EXTERIOR
FA	FIRE ALARM
FIN	FINISH
FLG	FLANGE
FLR	FLOOR
FLR/G	FLOORING
FTG	FOOTING
F.R.P.	FIBERGLASS REINFORCED PANEL
GY	YIELD STRENGTH (STEEL)
GA	GUAGE
GALV	GALVANIZED
HD	HOLLOW
HDR	HEADER
HDWR	HARDWARE
H.M.	HOLLOW METAL
H.F.	HEAVY FIRE
HR	HOUR
H.S.B.	A325N HIGH STRENGTH BOLTS
HVAC	HEATING VENTILATION AIR CONDITIONING
INT	INTERIOR
J-BOX	JUNCTION BOX
KILOWATT	KILOWATT
LB.	POUND
MAX.	MAXIMUM
M.B.	MACHINE BOLTS
MFR	MANUFACTURER
MIN.	MINIMUM
MISC.	MISCELLANEOUS
MOD	MODULE
MTL	METAL
NOT IN CONTRACT	NOT IN CONTRACT
NO.	NUMBER
NO.	NUMBER
O.C.	ON CENTER
OPT	OPTIONAL
PLATE	PLATE
PLYWD	PLYWOOD
PSF	POUNDS PER SQUARE INCH
P.S.F.	POUNDS PER SQUARE FOOT
P.T.	PRESSURE TREATED
R-11	THERMAL RATING
REQ'D	REQUIRED
ROOFING	ROOFING
S.D.S.	SELF DRILLING SCREW(S)
SHG	SHEATHING
S.M.S.	SHEET METAL SCREW(S)
STR	STRUCTURAL
SQ.	SQUARE
T&G	TONGUE AND GROOVE
T&S	TEX. SCREWS
TUBE	TUBE STEEL
TYP	TYPICAL
U.B.C.	UNIFORM BUILDING CODE
VOIS	VOICES
W.	WATTS
W.I.C.	WOODWORK INSTITUTE OF CALIFORNIA
W/O	WITHOUT
W/O	WITHOUT
10	DIAMETER
30	SINGLE PHASE
	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.

TESTS AND INSPECTIONS	CONCRETE	GRUNITE	GROUT	MORTAR
COMPACTED FILL				
FILL MATERIAL ACCEPTANCE TESTS				
COMPACTION CONTROL, CONTINUOUS				
COMPACTION TESTS ONLY AS ORDERED	X			
BEARING CAPACITY OF COMPACTED FILL	X			
REINFORCING STEEL				
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 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				
OTHER TESTS & INSPECTIONS				
1. GENERAL IMPLANT INSPECTION				
2. ELECTRICAL GROUND TEST IN FIELD				
3. TEST ELECTRICAL GROUNDING				
DISTRIBUTION				
() ENVIROPLEX INC.				
() DIVISION OF STATE ARCHITECT				
() DISTRICT/OWNER				
() INSPECTOR				
() ARCHITECT				

LIST OF STRUCTURAL STEEL MEMBERS TO BE TESTED

PROVIDE MILL CERTIFICATES OR TEST PER C.B.C. SECTION 2231A
STRUCTURAL TUBING 755Kx3/16
LIGHT GAUGE STEEL SECTIONS & PLATES

AUTHORIZATION SIGNATURE _____

REMARKS: _____

A0-COVER SHEET-ABBREVIATIONS-SHEET INDEX

A1-(48x40') FLOOR PLAN-MATERIAL SPECIFICATIONS-GENERAL NOTES

A1A-EXTERIOR AND INTERIOR ELEVATIONS

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

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

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

A4-SECTIONS-DETAILS

A5-DETAILS

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

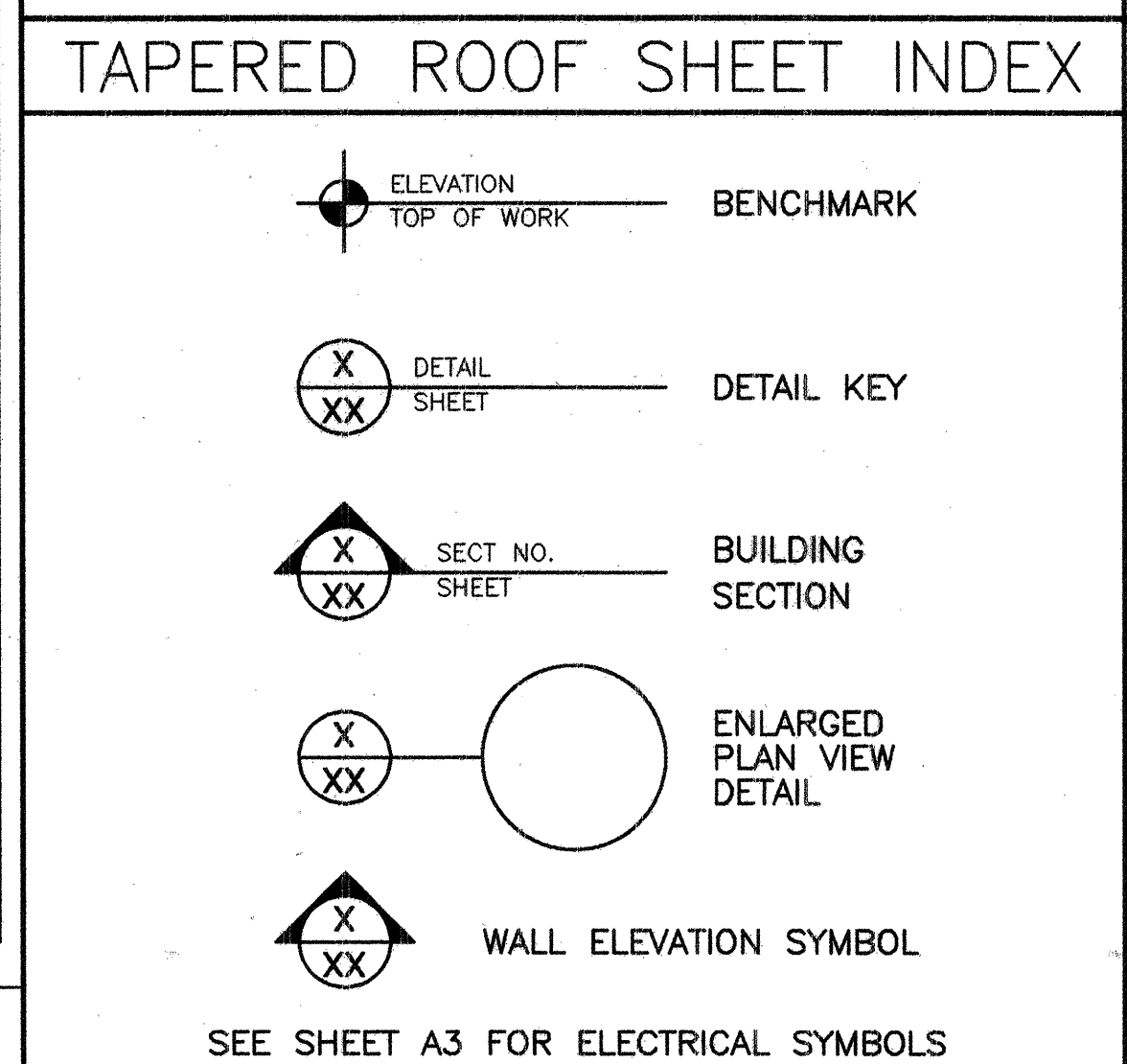
S1W70A-35'x40' 70 PSF WOOD FOUNDATION PLAN-48'x40' 70 PSF WOOD FOUNDATION PLAN

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

S3-SECTION-WALL FRAMING ELEVATIONS-NAILING DETAIL-END FRAME ELEVATIONS-NAILING SCHEDULE

S4-CONNECTION DETAILS

SSR-HANDICAP ACCESS RAMP



APPLICABLE CODES:

1998 CALIFORNIA BUILDING CODE, PART 2, TITLE 24 (1997 UNIFORM BUILDING CODE AND CALIFORNIA AMENDMENTS)

1998 CALIFORNIA ELECTRICAL CODE, PART 3 TITLE 24 (1996 NATIONAL ELECTRICAL CODE AND CALIFORNIA AMENDMENTS)

1998 CALIFORNIA MECHANICAL CODE, PART 4, TITLE 24 (1997 UNIFORM MECHANICAL CODE AND CALIFORNIA AMENDMENTS)

1998 CALIFORNIA PLUMBING CODE, PART 5, TITLE 24 (1997 UNIFORM PLUMBING CODE AND CALIFORNIA AMENDMENTS)

1998 CALIFORNIA FIRE CODE, PART 9, TITLE 24 (1997 UNIFORM FIRE CODE AND CALIFORNIA AMENDMENTS)

1998 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 (1997 UNIFORM BUILDING CODE STANDARDS AND CALIFORNIA AMENDMENTS)

TITLE 19, CALIFORNIA CODE OF REGULATIONS

OCCUPANCY E1&E2

CONSTRUCTION TYPE V-NR

CLASSROOM AREA: 1920 S.F. NOMINAL

- ### D.S.A. REQUIREMENTS
- DIVISION OF THE STATE ARCHITECT
- ALL MATERIALS & WORKMANSHIP SHALL CONFORM TO THE 1998 CALIFORNIA BUILDING CODE (C.B.C.). A COPY OF THE CALIFORNIA BUILDING CODE SHALL BE KEPT ON THE SITE AT ALL TIMES.
 - CHANGES TO THE APPROVED DRAWINGS & SPECIFICATIONS SHALL BE MADE BY AN ADDENDA OR A CHANGE ORDER APPROVED BY THE STRUCTURAL ENGINEER, OWNER, & THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED.
 - 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 1701A.3 OF 1998 C.B.C.
 - MATERIAL TESTING AS NOTED IN THE STRUCTURAL TESTS & INSPECTIONS AT THE LEFT SHALL BE PERFORMED AS REQUIRED PER SECTION 2231A OF 1998 C.B.C. MATERIAL TESTING REQUIRED BY FIRE REGULATIONS SHALL BE PERFORMED BY A NATIONALLY RECOGNIZED TESTING LABORATORY.
 - VERIFIED REPORTS (DSA/SSS FORM 6) SHALL BE SUBMITTED PER SECTION 4-336, 4-341(f), 342(b)(8), AND 4-343 (c) BY THE MANUFACTURER, INSPECTOR, STRUCTURAL ENGINEER.
 - A SEPARATE DSA APPLICATION NUMBER MUST BE OBTAINED BEFORE MANUFACTURING ANY ENVIROPLEX UNIT IN ACCORDANCE WITH THESE DRAWINGS.
 - GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD & ACCESS REQUIREMENTS & ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
 - SPECIAL INSPECTIONS PER SECTION 1701A 1998 C.B.C.

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPROVAL: DATE: 10/07/02

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 To 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; Ce=1.06; Cq AS REQ.
SESMIC: ZONE 4, R=4.5, Ss=2.8, Ns=1.5, Cs=0.44, Nc=2.0, Cc=0.64

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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