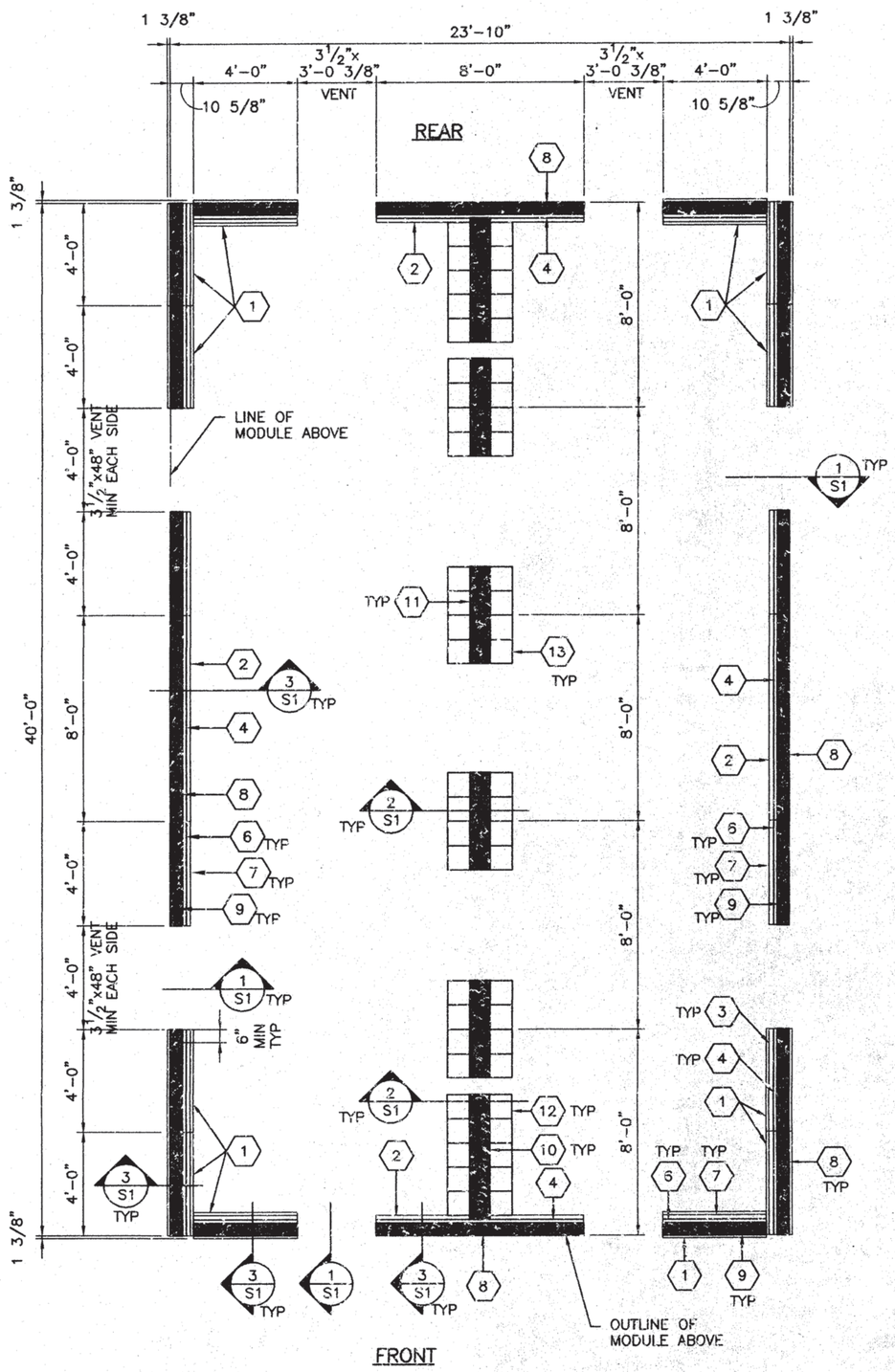


FRONT

NOTES:

1. TOP OF WOOD PADS TO BE LEVEL.
2. DO NOT INSTALL BUILDINGS IN AREAS OF WATER LINES.
3. SITE TO BE GRADED TO PREVENT WATER PONDING BENEATH THE STRUCTURE.
4. FOUNDATION PLYWOOD TO BE CUT PERPENDICULAR TO THE FACE GRAIN.
5. PER THE CONTRACT OF THIS PROJECT–THE BUILDING PAD MUST BE A MINIMUM OF 30'x50' AND SHALL NOT EXCEED 6" OUT OF LEVEL IN ANY DIRECTION.
6. VENT AREA REQUIRED=$\frac{(1200 \text{ SF})}{(300 \text{ SF})}$=6.4 SF
   VENT AREA PROVIDED=6.44 SF

SILL RESTRAINT:

ON SOIL: 1"ø GALV PIPE W/ 12" MIN PENETRATION BELOW SOIL SURFACE @ 10'–0" OC MIN 2 EA 2x ℄. DRILL SILL 1 1/4" MAX. PIPE MAY BE DRIVEN MAX 45° ANGLE TO VERTICAL.

ON A/C PAVING: 1"ø GALV PIPE W/ 12" MIN PENETRATION BELOW PAVING SURFACE @ 10'–0" OC (MIN 2 EA 2x ℄). DRILL SILL 1 1/4" MAX OR 20d NAILS THRU SILL ℄ @ 32" OC

ON CONC PAVING: HILTI DS 82–P10 THRU SILL ℄ @ 4'–0" OC, 2 EA PIECE

FOUNDATIONS:

ALL FOUNDATION MATERIALS IN CONTACT WITH THE GROUND SHALL BE PRESSURE TREATED EXCEPT SHIMS MAY BE REDWOOD, HEM FIR OR CEDAR. PRESSURE TREATED DOUGLAS FIR, HEM FIR, PLYWOOD ETC. SHALL BE VERIFIED BY A CERTIFICATE OF TREATMENT STATING: "THE MATERIAL IN THIS UNIT WAS TREATED PER 1998 CALIFORNIA BUILDING CODE. ALL MATERIAL FOR USE IN GROUND CONTACT SHALL BE STAMPED "FOR GROUND CONTACT" (LP22). ALL MATERIAL NOT USED IN GROUND CONTACT SHALL BE HF#2 OR DF#2 "FOR ABOVE GROUND USE." THE IN–PLANT INSPECTOR SHALL VERIFY THAT ALL PRESSURE TREATED FOUNDATION MATERIAL IS CUT FROM AWPB STAMPED STOCK AND THAT ALL CUTS AND HOLES ARE RE–TREATED PER SPECIFICATIONS. LP–2 AND LP–22 MATERIAL SHALL BE BANDED SEPARATELY FOR SHIPMENT TO THE JOB SITE. THE IN–PLANT INSPECTOR'S VERIFICATION OF EACH BANDED UNIT SHALL BE ATTACHED TO THE MATERIAL.
CONCRETE OR CONCRETE BLOCK FOUNDATIONS ARE NOT ALLOWED. THE FOOTING DESIGN SHALL PROVIDE FOR SHIMS AND BLOCKS NECESSARY TO PERMIT INSTALLATION ON SITES NOT LEVEL, BUT WITHIN TOLERANCE ALLOWED.
INSTALLATION SHALL BE PERMITTED ON EITHER SOIL, CONCRETE OR A/C PAVING, HAVING SUITABLE DESIGN BEARING CAPACITY. THE BUILDINGS SHALL BE SECURELY FASTENED TO THE FOUNDATIONS. THE FOUNDATIONS AND THE METHOD OF FASTENING SHALL BE SUBJECT TO APPROVAL BY THE ARCHITECT AND DSA. PADS SHALL BE DESIGNED FOR A MAXIMUM OF 1000 PSF LOAD ON THE SOIL. PADS SHALL NOT BE PLACED ON TURF.

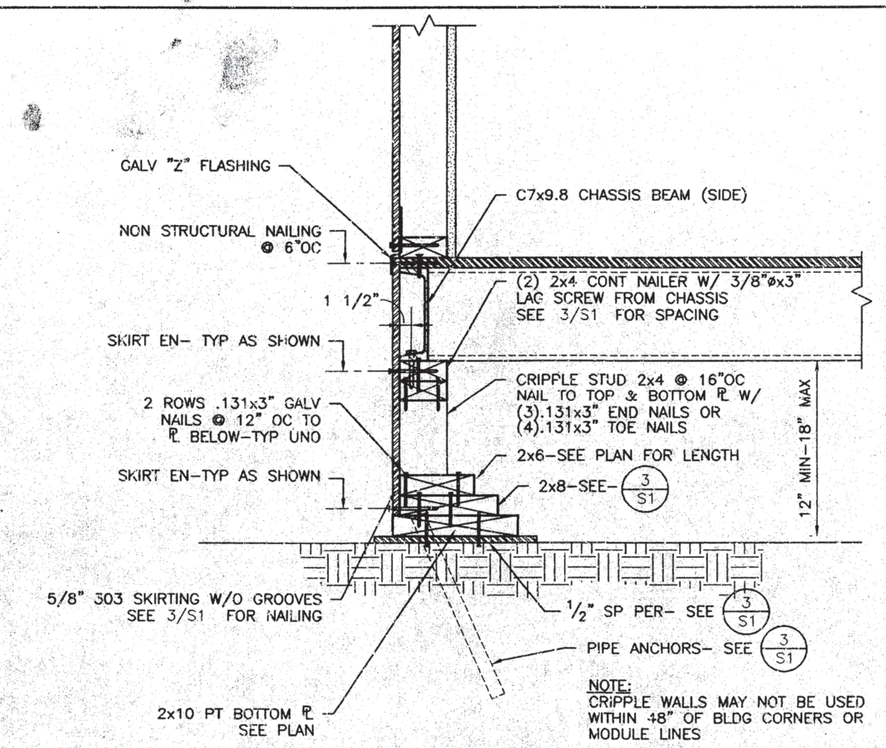
LEGEND

1. 1/2"x12" WIDE x 48" LONG PT STRUCTURAL PLYWOOD (CDX PLYWOOD)
2. 2x10x8'–0" LONG PT ℄
3. 2x10x8'–0" LONG ℄
4. 2x8x8'–0" LONG ℄
5. NOT USED
6. 2x8x4'–0" LONG ℄
7. 2x10x4'–0" LONG ℄
8. MULTIPLE 2x6x8'–0" LONG AS REQ'D FOR HEIGHT
9. MULTIPLE 2x6x4'–0" LONG AS REQ'D FOR HEIGHT
10. 2x10 ℄ W/ SHIM, SEE 2/S1
11. 2x10 BLKG, SEE 2/S1
12. (5)2x12x2'–6" OR (6)2x10x2'–6" OR (7)2x8x2'–6", SEE 2/S1
13. (4)2x12x2'–0" OR (5)2x10x2'–0" OR (6)2x8x2'–0", SEE 2/S1

• 1" ø GALV. PIPE LOCATIONS–TYPICAL

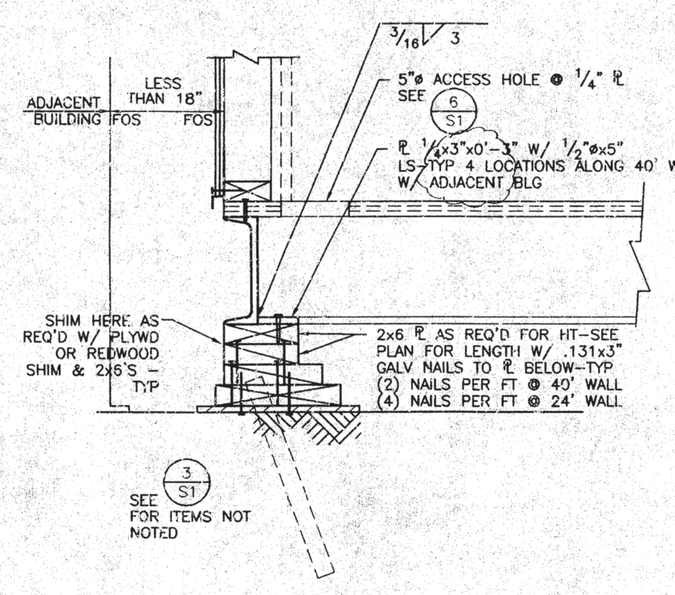
A/S1 FOUNDATION PLAN

1/4" = 1'–0"



4/S1 FOUNDATION DETAIL

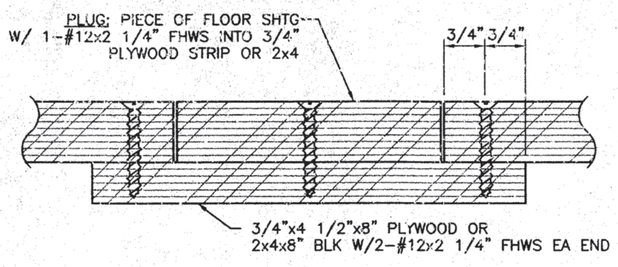
1 1/2" = 1'–0"



OPTIONAL FOR BUILDING PLACES LESS THAN 18" APART

5/S1 FOUNDATION DETAIL

1 1/2"=1'–0"



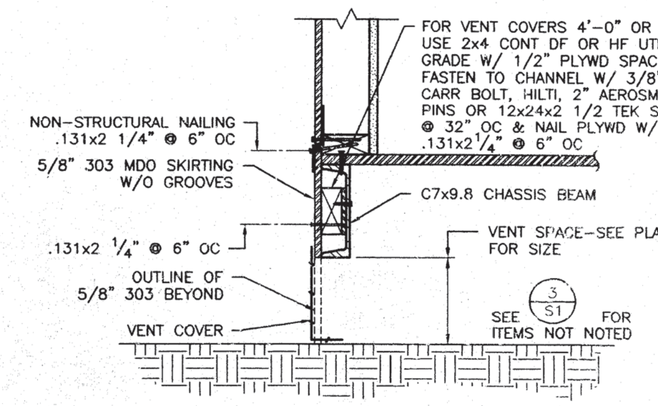
FILLER ACCESS HOLE

6/S1 DETAIL

NO SCALE

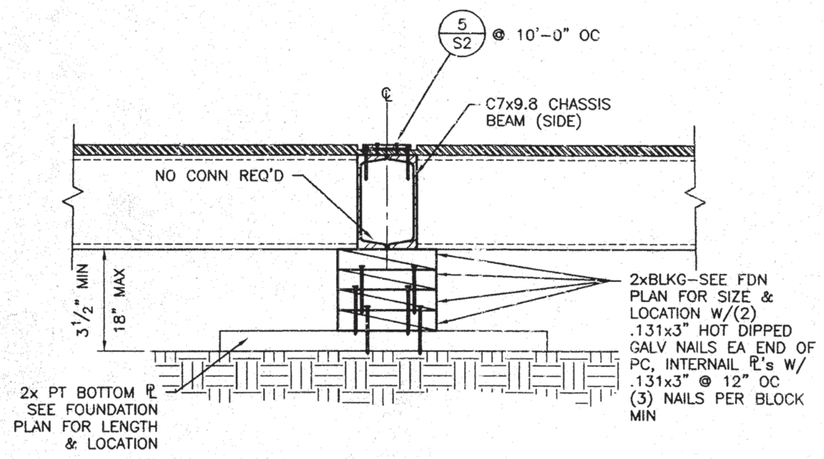
FILE NO. PC

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPLICATION NO.
02-101853
AC. FLS SS
DATE JAN 12 2000



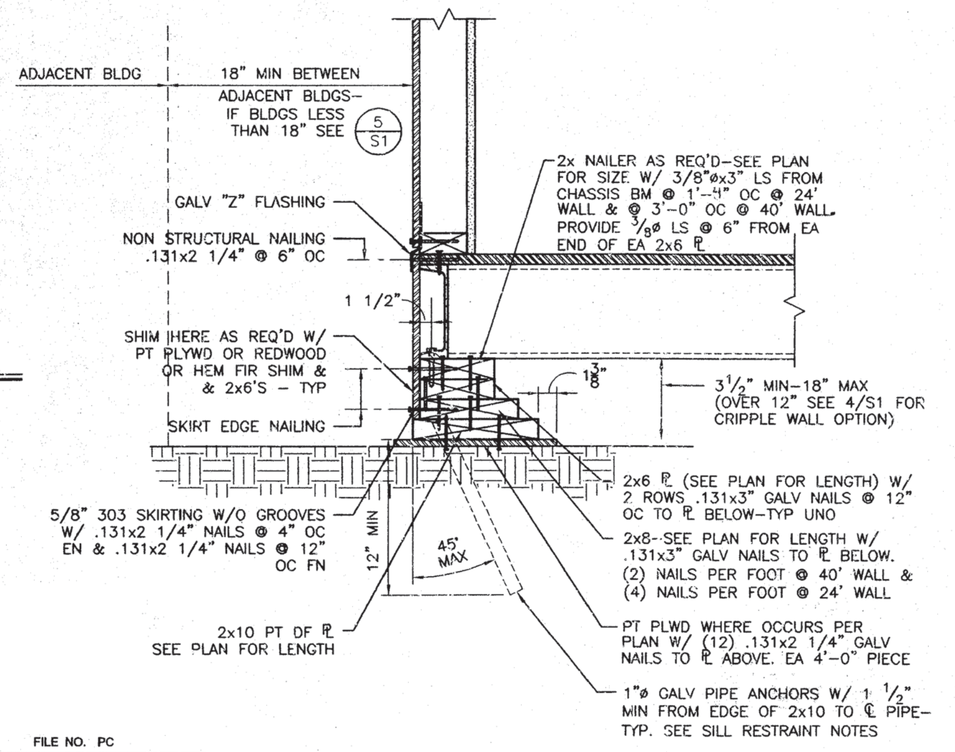
1/S1 FOUNDATION DETAIL

1 1/2" = 1'–0"



2/S1 DETAIL

1 1/2" = 1'–0"



3/S1 FOUNDATION DETAIL

1 1/2" = 1'–0"

WOOD: 50 PSF FLOOR LIVE LOAD
W/O PARTITION LOAD

24 x 40
RELOCATABLE
CLASSROOM

American Modular Systems

REGISTERED PROFESSIONAL ENGINEER
Kenneth A. Luttrell
No. 1418
EXP. 3-31-01
Structural Engineer
STATE OF CALIFORNIA

CUSTOMER:

FOUNDATION PLAN AND DETAILS

DATE:	12/27/99
SCALE:	AS NOTED
DRAWN BY:	PWD
DESIGNED BY:	MDB
CHECKED BY:	KAL
SERIAL NO.	

REVISIONS

NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION

PROJECT No. 99100

SHEET No. S1

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