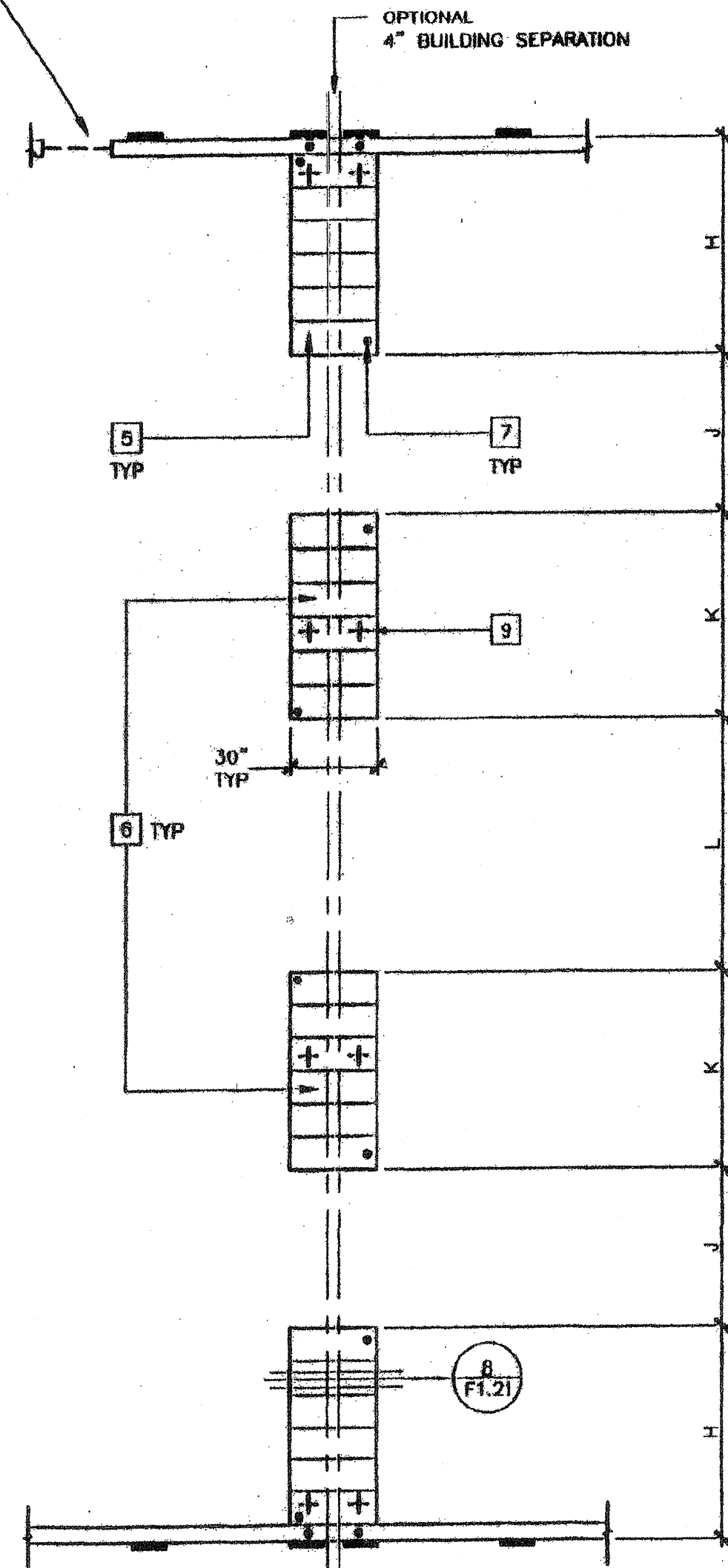
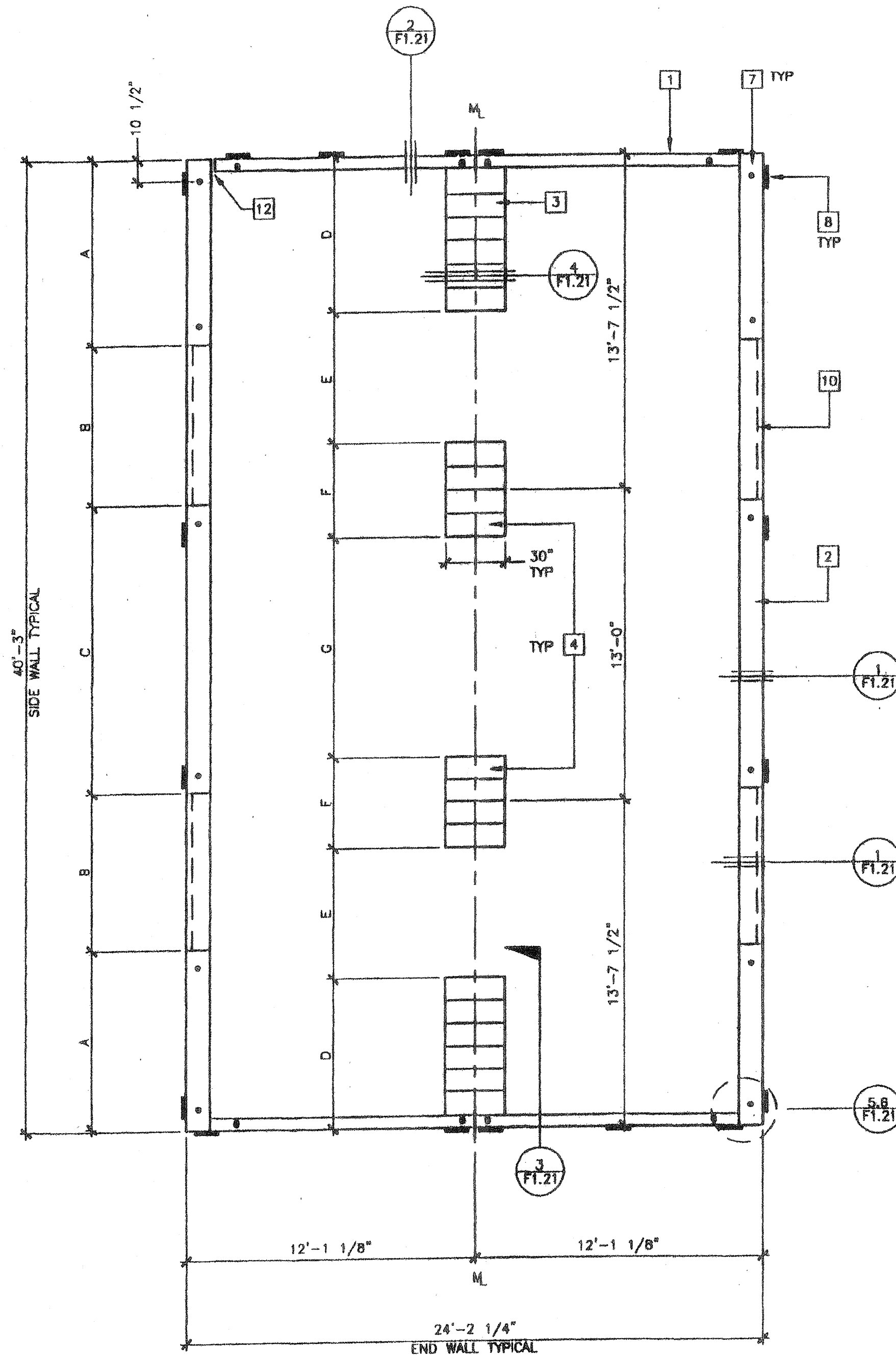


3"x24" END WALL VENTS AS REQUIRED FOR ADJACENT BUILDING APPLICATIONS MIN 18" FROM BUILDING CORNERS MIN 18" FROM MODLINES MIN 12" BLOCKING BETWEEN VENTS



FOOTINGS AT ADJACENT BUILDING (OPTIONAL 4" SEPARATION)



FOUNDATION PLAN

24'x40' WOOD SILL  
SCALE: 1/4" = 1'-0"

REVISED JAN 4 2001

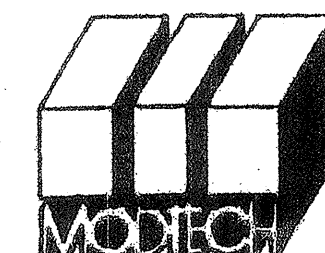
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REVISED

DEC 21 2000

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MODTECH INC.  
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FOUNDATION PLATE SCHEDULE

		50 PSF	50 + 20 PSF	100 PSF
END WALL	SILL	2"x6"	2"x8"	2"x12"
	BLOCKING TOP PLATE	2"x4"	2"x4"	2"x6"
SIDE WALL	SILL	2"x12"	2"x12"	2"x12"
	BLOCKING TOP PLATE	2"x6"	2"x6"	2"x8"
MODLINE PAD AT ENDWALL	SILL	(6)2"x12"x30"	(7)2"x12"x30"	(8)2"x12"x30"
	BLOCKING TOP PLATE	2"x10"	2"x10"	2"x10"
MODLINE PAD AT INTERIOR	SILL	(4)2"x12"x30"	(5)2"x12"x30"	(6)2"x12"x30"
	BLOCKING TOP PLATE	2"x8"	2"x8"	2"x8"
4" SEPARATION PAD AT END WALL	SILL	(6)2"x12"x30"	(6)2"x12"x30"	(6)2"x12"x30"
	BLOCKING TOP PLATE	2"x8"	2"x8"	2"x8"
4" SEPARATION PAD AT INTERIOR	SILL	(6)2"x12"x30"	(6)2"x12"x30"	(6)2"x12"x30"
	BLOCKING TOP PLATE	2"x8"	2"x8"	2"x8"

NOTE: \* USE 2"x4" PLATES FOR ANY ADDITIONAL BLOCKING REQUIRED FOR LEVELING.  
\* ALL SILL (FOOTING) PLATES TO BE PRESSURE TREATED SEE NOTE #3 THIS SHEET.  
\* FOR FOUNDATION PLATE NAILING SEE F1.21

DIMENSION SCHEDULE

	50 PSF	50 + 20 PSF	100 PSF	125 PSF
A	7'-7 1/2"	9'-1 1/2"	11'-1 1/2"	
B	6'-6"	4'-0"	3'-0"	
C	12'-0"	14'-0"	11'-0"	
D	6'-1"	7'-1/4"	8'-1 1/2"	
E	5'-6"	4'-4"	3'-8"	
F	3'-9"	4'-8 1/4"	4'-5"	
G	9'-7"	6'-2"	5'-0"	
H	6'-1"	6'-1"	5'-6 1/2"	
J	4'-9"	3'-10"	3'-6"	
K	5'-7 1/2"	7'-6"	6'-9 1/2"	
L	7'-4"	5'-5"	4'-7 1/2"	



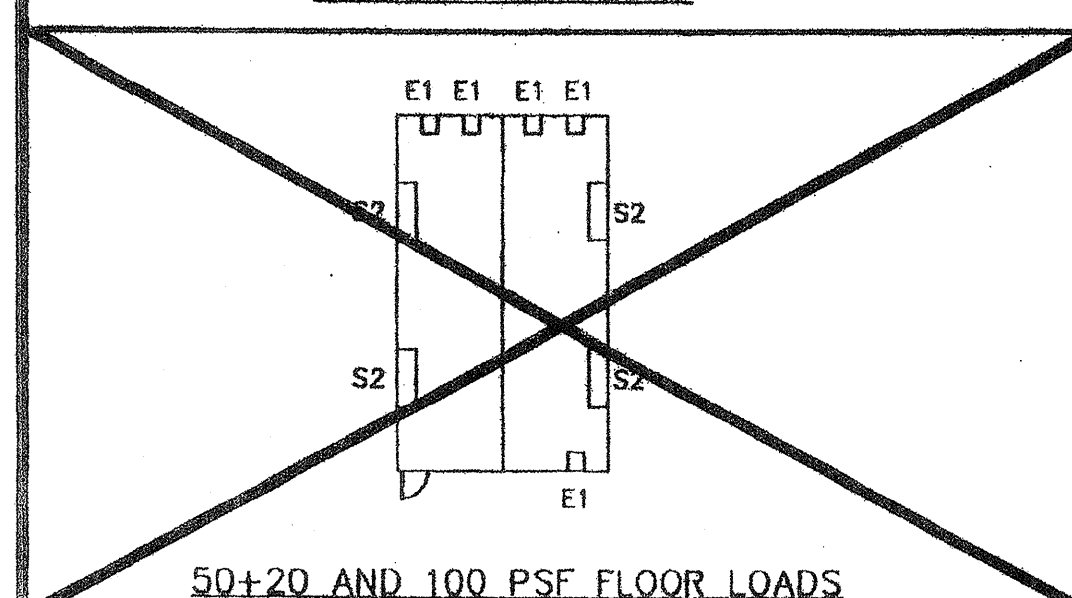
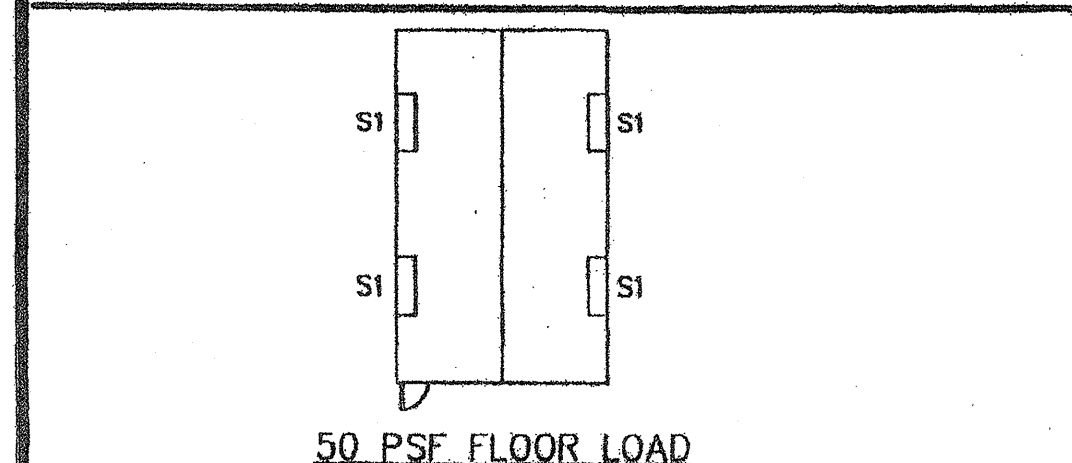
VENT CALCULATIONS

VENTING REQUIRED = 24'x40' = 960/150 = 6.4 SF

VENT  
S1 = 3"x7" = 1.63 SF  
S2 = 3"x4" = 1.00 SF  
E1 = 3"x24" = 0.50 SF

50 PSF FLOOR LOAD  
S1x4 = 6.52 SF > 6.40 SF OK

50+20 PSF FLOOR LOAD  
S2x4 = 4.00 SF  
E1x8 = 2.50 SF  
6.50 SF > 6.4 OK



VENT LEGEND

S1 = SIDE WALL VENT, 3"x6"-6"  
S2 = SIDE WALL VENT, 3"x4"-0"  
E1 = END WALL VENT, 3"x2"-0"

KEY NOTES

- FOUNDATION AT END WALL - SEE FOUNDATION PLATE SCHEDULE
- FOUNDATION AT SIDE WALL - SEE FOUNDATION PLATE SCHEDULE
- FOUNDATION MODLINE PAD AT END WALL - SEE FOUNDATION PLATE SCHEDULE
- FOUNDATION MODLINE PAD AT INTERIOR - SEE FOUNDATION PLATE SCHEDULE
- FOUNDATION PAD AT 4" SEPARATION AT END WALL
- FOUNDATION PAD AT 4" SEPARATION AT INTERIOR WALL
- SILL RESTRAINT - SEE NOTE 1
- TIE PLATE - 5/8"/F1.21  
AT 70 MPH DESIGN WIND LOAD:  
MIN (4) AT EACH END WALL, (3) AT EACH SIDE WALL  
AT 80 MPH DESIGN WIND LOAD:  
MIN (5) AT EACH END WALL, (3) AT EACH SIDE WALL
- 5/8" DIAx4" LAGS
- FOUNDATION VENT
- FOR VENTS THAT OCCUR UNDER LANDINGS PROVIDE EQUAL AREA SCREENED VENT IN LANDING SKIRT
- 2" CUTOUT OF SILL PLATE FOR DRAINAGE, FIELD TO LOCATE AT LOWEST CORNER OF FOUNDATION

NOTES

- SILL RESTRAINT:  
ON ASPHALT CONCRETE PAVING OR ON SOIL OR ON PRE-DRILLED CONCRETE SLAB ON GRADE USE 1" OD GALVANIZED PIPE AT 10'-0" OC MAX 12" PENETRATION BELOW SURFACE VERTICALLY DRILLED SILL HOLE TO BE 1 1/4" MAX PIPE MAY BE DRIVEN MAX OF 45° ANGLE TO VERTICAL 18-1/2" LONG PIPE REQUIRED FOR PENETRATION AT 45° ANGLE.  
ALTERNATE:  
ON CONCRETE PAVING HILT DS B2-P10 THRU SILL PLATE, 8" OC AT END WALLS AND 16" OC AT SIDE WALLS.
- TO PREVENT WATER FROM PONDING BENEATH THE STRUCTURE VERIFY DRAINAGE WITH DISTRICT ARCHITECT SITE PLANS
- A WOOD SILL (FOOTING) PLATE SHALL BE PRESSURE TREATED HEM FIR OR DOUG FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE. GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING (BY DISTRICT). THE WOOD SILL (FOOTING) PLATE MAY SUPPORT WOOD CRIPPLE STUDS, POSTS OR CONTINUOUS BLOCKING AND SHEATHING (SIGRT) WHICH NEED NOT BE TREATED. FOUNDATION LUMBER TO BE PRECUT AT FACTORY. LUMBER AND PRESSURE TREATING TO BE VERIFIED BY THE IN-PLANT INSPECTOR.
- FOUNDATION DESIGNED FOR 1000 PSF SOIL BEARING PRESSURE PER ORS IR 23-6.
- THIS FOUNDATION PLAN HAS 1/4" ADDED AT EACH MODLINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN, THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.
- BUILDINGS OVER 2160 SQ. FT. MUST BE INSTALLED ON A PERMANENT CONCRETE FOUNDATION.

AGENCY TRACKING NO. 63321-201  
FILE NO. 15-6

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REVISIONS

NO.	DESCRIPTION	DATE
SP	ADDED NOTE #6	9/7/00
SP	REVISED VENT LEGEND	12/20/00
SP	REVISED NOTE #1	01/03/00

Electrical Engineer's Seal  
Mechanical Engineer's Seal  
Structural Engineer's Seal  
Architect's Seal

Professional Engineer Seal  
Professional Engineer Seal

SEP 0 2006

PROJECT NUMBER: 4134

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DRAWN BY: M. ANDERSEN  
DATE: APR 15 2002  
CHECKED BY: 4012-121  
DATE: 04-16-02

FOUNDATION PLAN 24'x40'/WOOD/50, 50+20, 100 PSF F1.01

FILE PATH: 2440-4134.DWG

PROJECT NO. 4134