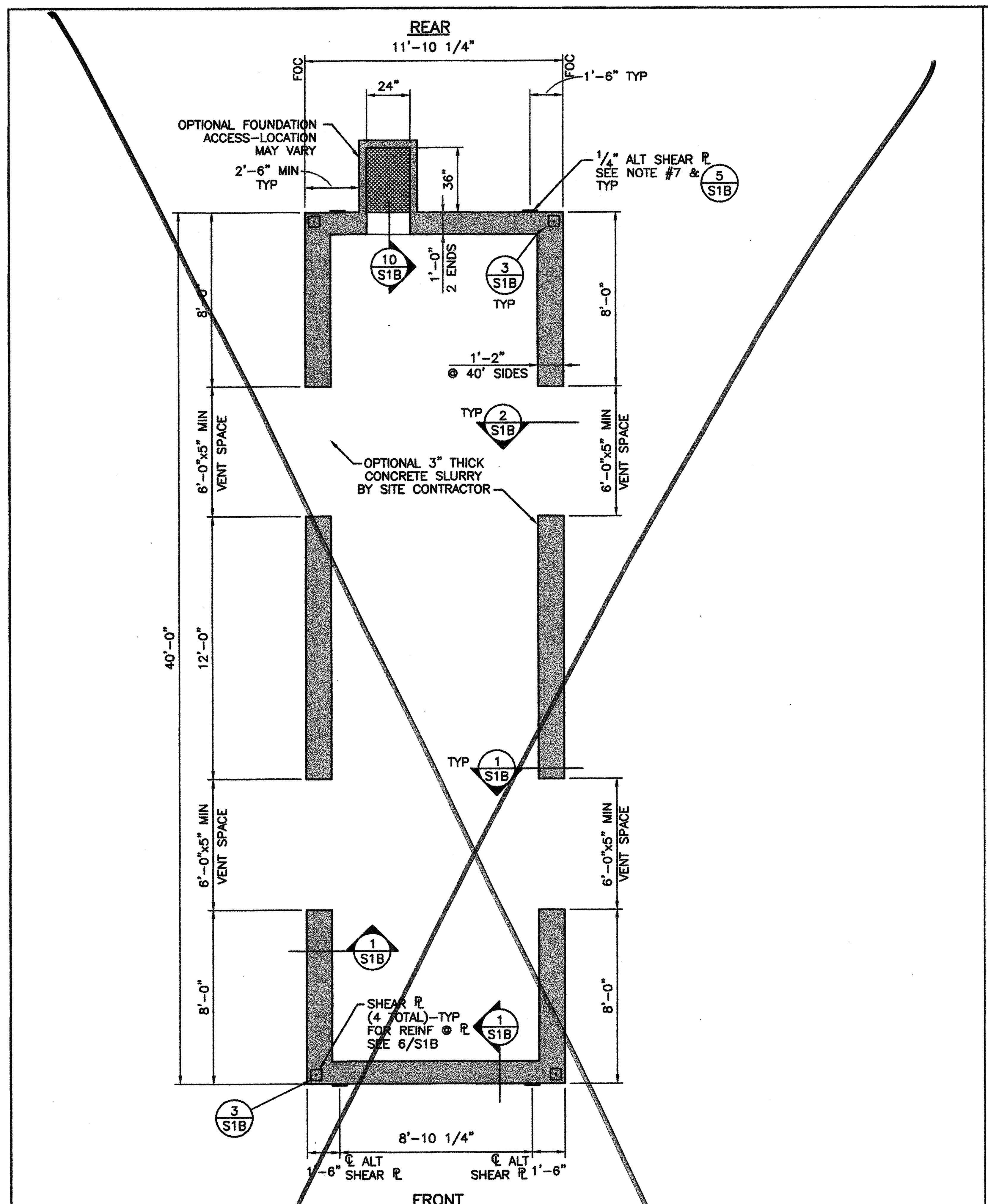


50 PSF FLOOR LIVE LOAD PLUS 20 PSF PARTITION LOAD
ABOVE GRADE

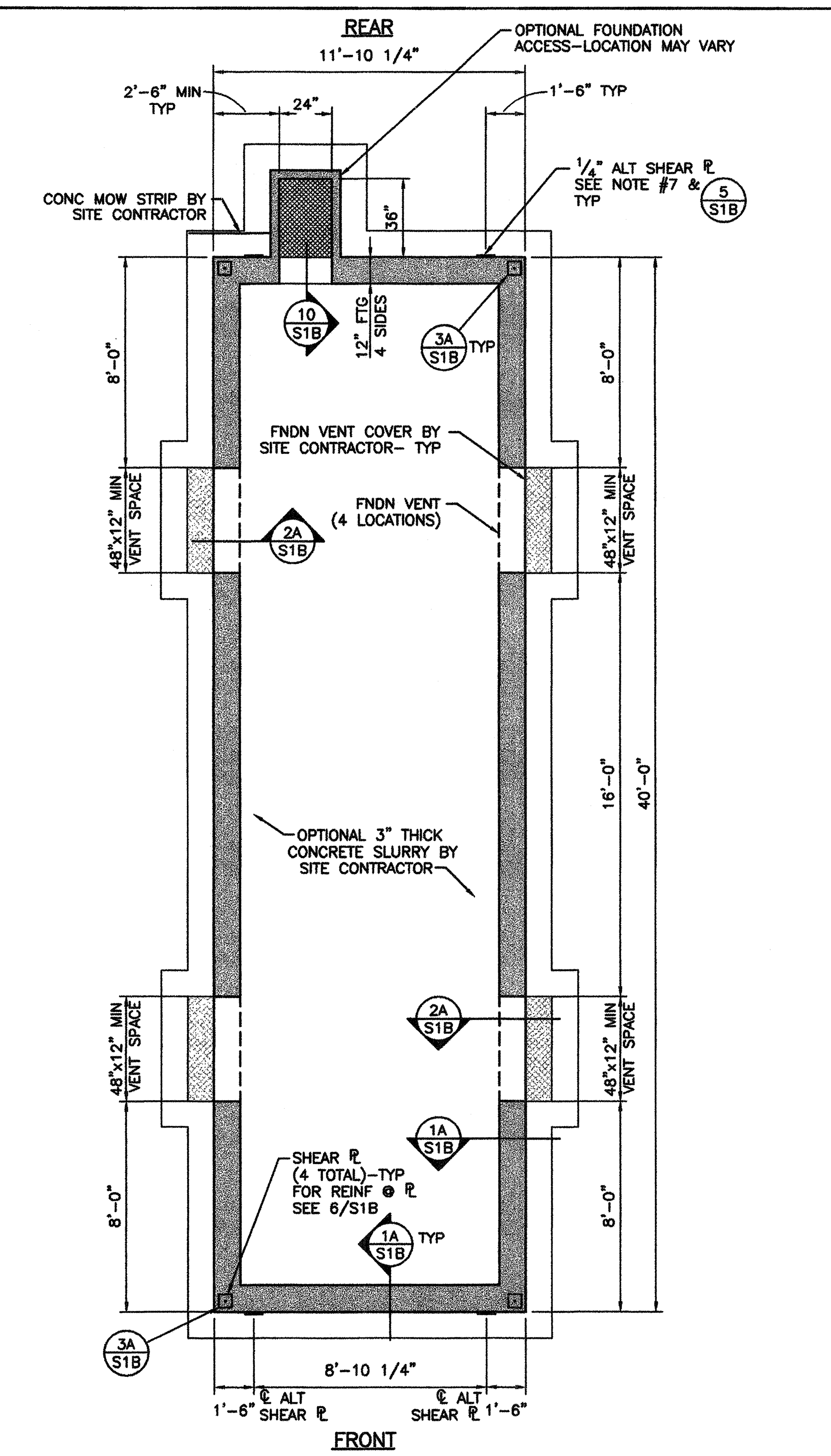
A/S1A FOUNDATION PLAN

1/4" = 1'-0"

CONCRETE PROPORTIONS ARE PER METHOD A OF TITLE 24, PART 2, SECTION 1905A.2.3 AND TABLE 19A-A-8			
MAXIMUM SIZE	MINIMUM SACKS OF CEMENT PER YARD OF CONCRETE	MAXIMUM WATER CEMENT RATIO IN GALLONS PER 94 LBS SACK OF CEMENT	PERMISSABLE ASSUMPTION TO MINIMUM ULTIMATE 28 DAY COMPRESSIVE STRENGTH IN LBS PER SQUARE INCH
1 1/2 INCHES	5.8	6.75	2500 – SEE NOTE #2
1 1/2 INCHES	6.6	6.0	3500 – SEE NOTE #2

NOTES:

1. DO NOT INSTALL BUILDING IN AREAS OF WATER FLOW LINES.
2. IF CONCRETE WITH A COMPRESSIVE STRENGTH OF 2500 PSI IS SPECIFIED THEN TESTS OF THE CEMENT AND REINFORCING BARS MUST BE PERFORMED PER 2001 CBC. IF CONCRETE WITH A COMPRESSIVE STRENGTH OF 3500 PSI IS SPECIFIED THEN TESTING OF THE CEMENT AND REINFORCING BARS MAY BE WAIVED PER 1929A.6 AS THE CONCRETE WAS DESIGNED WITH A COMPRESSIVE STRENGTH OF 2500 PSI.
3. REINFORCING STEEL 40,000 PSI MINIMUM, PER ASTM A615.
4. MINIMUM SOIL BEARING CAPACITY 1000 PSF.
5. DESIGN SOIL BEARING CAPACITY 1000 PSF.
6. VENT AREA REQ'D = 480 SF($\frac{1 \text{ SF VENT}}{150 \text{ SF}}$)=3.2 SF
   VENT AREA PROVIDED = 10.0 SF
7. ALTERNATE SIDE PLATES MUST COMPLETELY REPLACE TYPICAL SHEAR ℄'s ALONG ANY ONE 40' WALL. COMBINATION OF TYPICAL AND ALTERNATE SHEAR ℄ ALONG ANY ONE 40' WALL LINE IS NOT PERMITTED.
8. SEE SHEET S2 FOR PLYWOOD FLOOR FRAMING.



50 PSF FLOOR LIVE LOAD PLUS 20 PSF PARTITION LOAD
BELOW GRADE

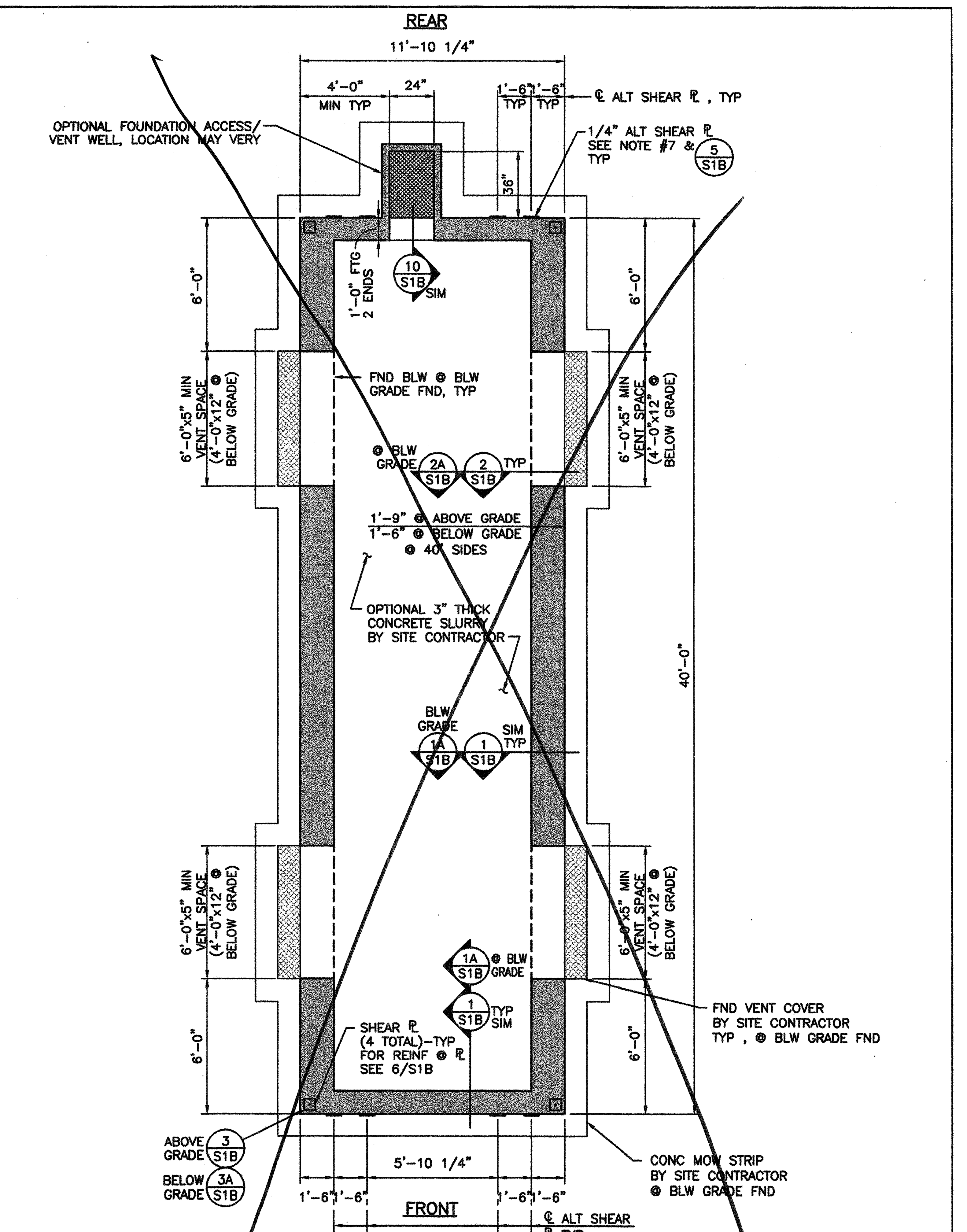
B/S1A FOUNDATION PLAN

1/4" = 1'-0"

CONCRETE PROPORTIONS ARE PER METHOD A OF TITLE 24, PART 2, SECTION 1905A.2.3 AND TABLE 19A-A-8			
MAXIMUM SIZE	MINIMUM SACKS OF CEMENT PER YARD OF CONCRETE	MAXIMUM WATER CEMENT RATIO IN GALLONS PER 94 LBS SACK OF CEMENT	PERMISSABLE ASSUMPTION TO MINIMUM ULTIMATE 28 DAY COMPRESSIVE STRENGTH IN LBS PER SQUARE INCH
1 1/2 INCHES	5.8	6.75	2500 – SEE NOTE #2
1 1/2 INCHES	6.6	6.0	3500 – SEE NOTE #2

NOTES:

1. DO NOT INSTALL BUILDING IN AREAS OF WATER FLOW LINES.
2. IF CONCRETE WITH A COMPRESSIVE STRENGTH OF 2500 PSI IS SPECIFIED THEN TESTS OF THE CEMENT AND REINFORCING BARS MUST BE PERFORMED PER 2001 CBC. IF CONCRETE WITH A COMPRESSIVE STRENGTH OF 3500 PSI IS SPECIFIED THEN TESTING OF THE CEMENT AND REINFORCING BARS MAY BE WAIVED PER 1929A.6 AS THE CONCRETE WAS DESIGNED WITH A COMPRESSIVE STRENGTH OF 2500 PSI.
3. REINFORCING STEEL 40,000 PSI MINIMUM, PER ASTM A615.
4. MINIMUM SOIL BEARING CAPACITY 1000 PSF.
5. DESIGN SOIL BEARING CAPACITY 1000 PSF.
6. VENT AREA REQ'D = 480 SF($\frac{1 \text{ SF VENT}}{150 \text{ SF}}$)=3.2 SF
   VENT AREA PROVIDED = 16.0 SF
7. ALTERNATE SIDE PLATES MUST COMPLETELY REPLACE TYPICAL SHEAR ℄'s ALONG ANY ONE 40' WALL. COMBINATION OF TYPICAL AND ALTERNATE SHEAR ℄ ALONG ANY ONE 40' WALL LINE IS NOT PERMITTED.
8. SEE SHEET S2 FOR PLYWOOD FLOOR FRAMING.



125 PSF FLOOR LIVE LOAD
CONCRETE FLOOR SYSTEM – ABOVE/BELOW GRADE

C/S1A FOUNDATION PLAN

1/4" = 1'-0"

CONCRETE PROPORTIONS ARE PER METHOD A OF TITLE 24, PART 2, SECTION 1905A.2.3 AND TABLE 19A-A-8			
MAXIMUM SIZE	MINIMUM SACKS OF CEMENT PER YARD OF CONCRETE	MAXIMUM WATER CEMENT RATIO IN GALLONS PER 94 LBS SACK OF CEMENT	PERMISSABLE ASSUMPTION TO MINIMUM ULTIMATE 28 DAY COMPRESSIVE STRENGTH IN LBS PER SQUARE INCH
1 1/2 INCHES	5.8	6.75	2500 – SEE NOTE #2
1 1/2 INCHES	6.6	6.0	3500 – SEE NOTE #2

NOTES:

1. DO NOT INSTALL BUILDING IN AREAS OF WATER FLOW LINES.
2. IF CONCRETE WITH A COMPRESSIVE STRENGTH OF 2500 PSI IS SPECIFIED THEN TESTS OF THE CEMENT AND REINFORCING BARS MUST BE PERFORMED PER 2001 CBC. IF CONCRETE WITH A COMPRESSIVE STRENGTH OF 3500 PSI IS SPECIFIED THEN TESTING OF THE CEMENT AND REINFORCING BARS MAY BE WAIVED PER 1929A.6 AS THE CONCRETE WAS DESIGNED WITH A COMPRESSIVE STRENGTH OF 2500 PSI.
3. REINFORCING STEEL 40,000 PSI MINIMUM, PER ASTM A615.
4. MINIMUM SOIL BEARING CAPACITY 1000 PSF.
5. DESIGN SOIL BEARING CAPACITY 1000 PSF.
6. VENT AREA REQ'D = 480 SF($\frac{1 \text{ SF VENT}}{150 \text{ SF}}$)=3.2 SF
   VENT AREA PROVIDED = 10 SF
7. ALTERNATE SIDE PLATES MUST COMPLETELY REPLACE TYPICAL SHEAR ℄'s ALONG ANY ONE 40' WALL. COMBINATION OF TYPICAL AND ALTERNATE SHEAR ℄ ALONG ANY ONE 40' WALL LINE IS NOT PERMITTED.
8. SEE SHEET S2B FOR CONCRETE FLOOR FRAMING.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP03 111734
AC FLS SS
DATE APR 2 9 2008

2001 CBC
FILE NO. PC
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPLICATION NO.
02-104931
AC FLS SS
DATE OCT 22 2003

LICENSED ARCHITECT
RANDALL PATRICK CAVANAGH
No. C 12631
Ren. 3.31.09
STATE OF CALIFORNIA

12 x 40
RESTROOM

American Modular Systems Inc.
787 Spreckels Ave. Manteca, CA 95336
(209)825-1921 Fax (209)825-7018
americanmodular.com

LICENSED ARCHITECT
STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER
Kenneth A. Luttrell
No. 1418
EXP. 3-31-05
Structural Engineer
STATE OF CALIFORNIA

CUSTOMER:

CONCRETE FOUNDATION PLANS – ABOVE & BELOW GRADE
50 PSF FLOOR LIVE LOAD PLUS 20 PSF PARTITION LOAD
& 125 PSF FLOOR LIVE LOAD – CONCRETE FLOOR

DATE:	5/30/03
SCALE:	AS NOTED
DRAWN BY:	REM
DESIGNED BY:	MDB
CHECKED BY:	KAL
SERIAL NO.	

REVISIONS

NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
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PROJECT No. 02156-16

SHEET No. S1A

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