

MODULAR MANUFACTURER PROPRIETARY STATEMENT
THESE DRAWINGS AND THE MATERIAL CONTAINED THEREIN ARE THE PROPERTY OF AMERICAN MODULAR SYSTEMS, INC. (AMS) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF AMS. ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH AMS SHALL BE THE SOLE PROPERTY OF AMS.

PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40'
2:12 PITCHED ROOF

SITE SPECIFIC PROJECT NAME
SHEET TITLE
CONCRETE FOUNDATION PLAN
50 PSF LIVE LOAD
+ 15 PSF PARTITION LOAD

MANUFACTURER PROFESSIONAL OF RECORD ON PC

PROJECT SPECIFIC STATE AGENCY APPROVAL

AGENCY TRACKING NO. 63321-241
FILE NO. 15-6
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-118380
AC: [Signature] FLS: [Signature] SS: [Signature]
DATE: OCT 25 2017

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
02-118380
AC: [Signature] FLS: [Signature] SS: [Signature]
DATE: 6/17/2015

ORIGINAL PC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
PC 02-118339
AC: [Signature] FLS: [Signature] SS: [Signature]
DATE: 6/17/2015

PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED
REVISIONS

DRAWN BY:
SCALE: AS NOTED
DATE:
SHEET NUMBER

S1.1

FOUNDATION INSTALL BY OTHERS STATEMENT

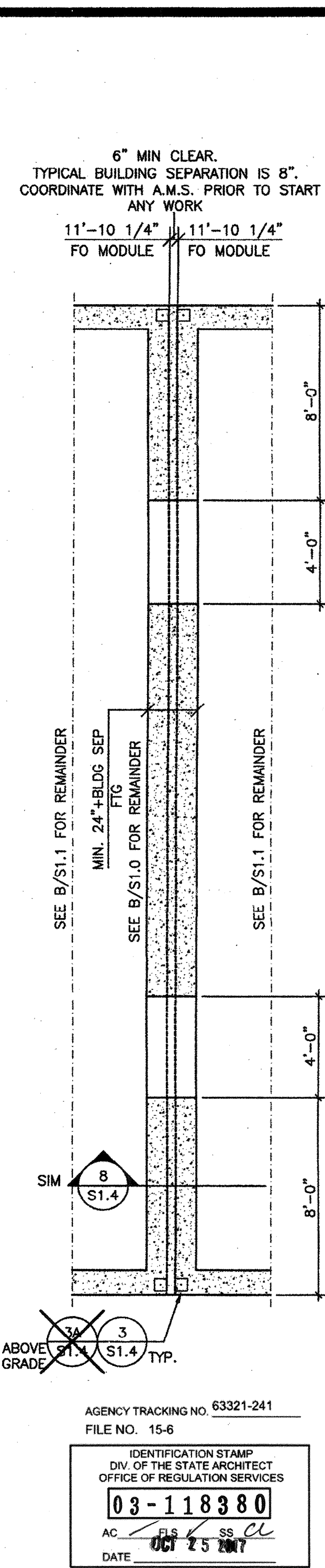
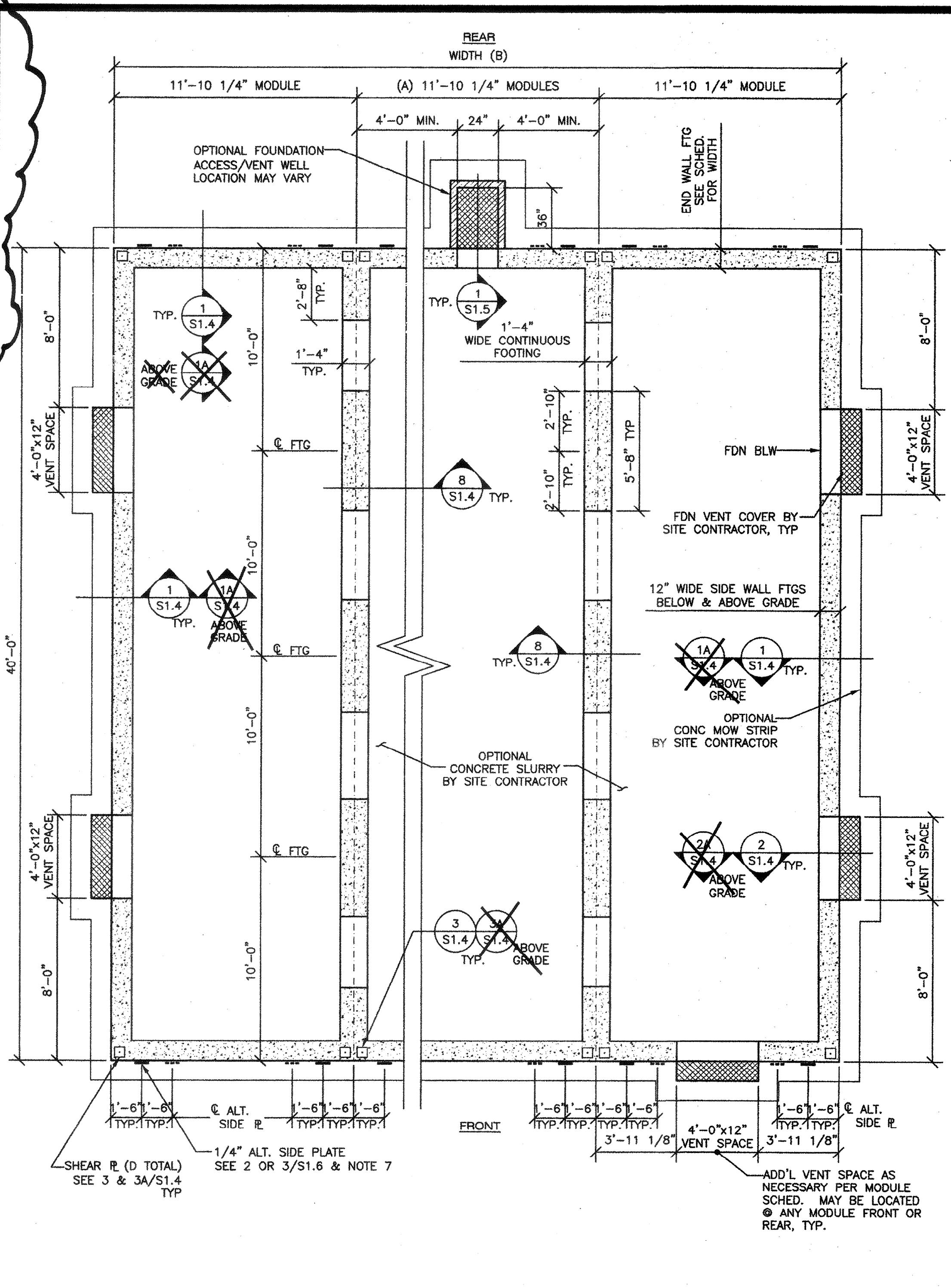
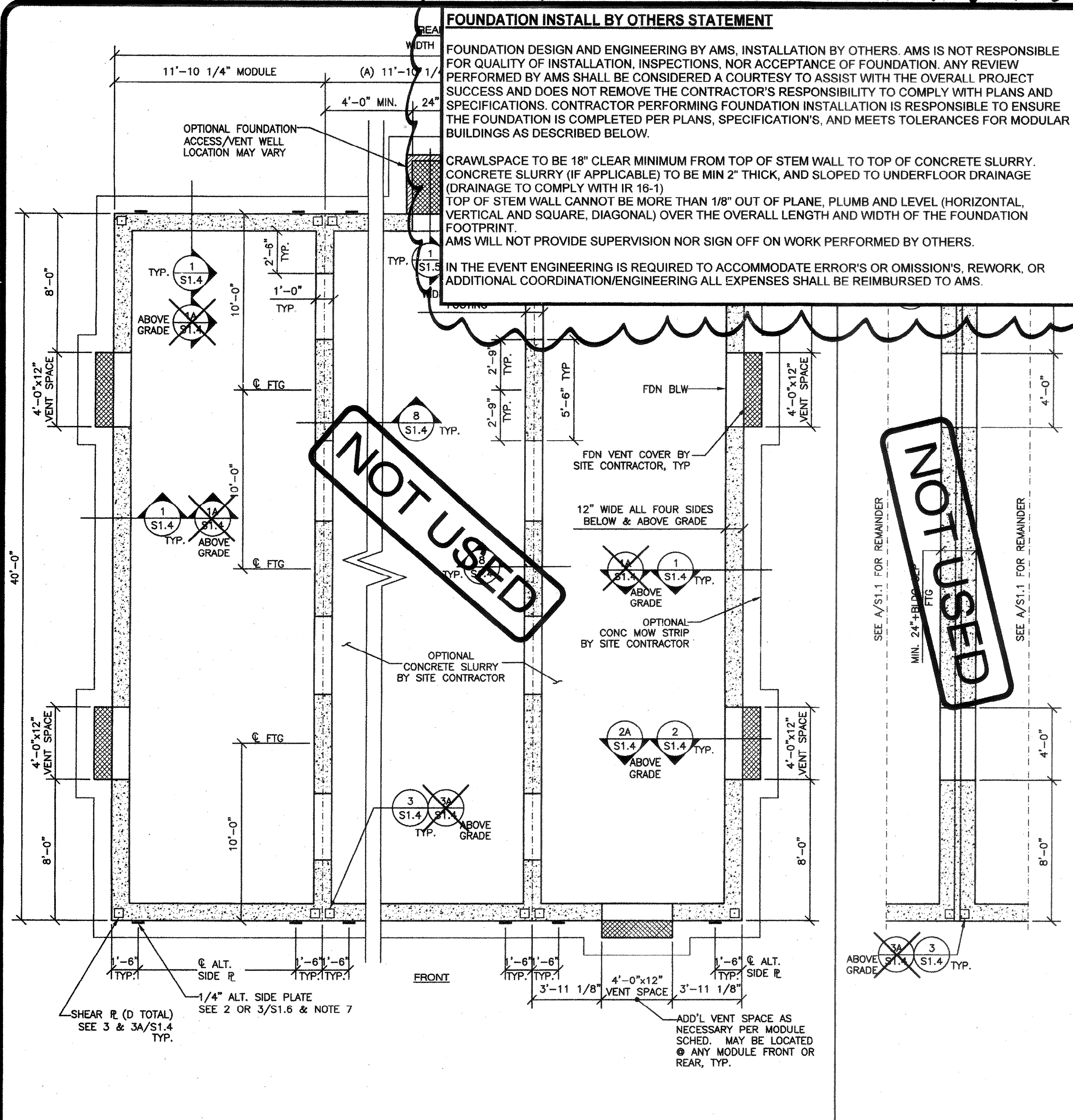
FOUNDATION DESIGN AND ENGINEERING BY AMS. INSTALLATION BY OTHERS. AMS IS NOT RESPONSIBLE FOR QUALITY OF INSTALLATION, INSPECTIONS, NOR ACCEPTANCE OF FOUNDATION. ANY REVIEW PERFORMED BY AMS SHALL BE CONSIDERED A COURTESY TO ASSIST WITH THE OVERALL PROJECT SUCCESS AND DOES NOT REMOVE THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH PLANS AND SPECIFICATIONS. CONTRACTOR PERFORMING FOUNDATION INSTALLATION IS RESPONSIBLE TO ENSURE THE FOUNDATION IS COMPLETED PER PLANS, SPECIFICATIONS, AND MEETS TOLERANCES FOR MODULAR BUILDINGS AS DESCRIBED BELOW.

CRAWLSPACE TO BE 18" CLEAR MINIMUM FROM TOP OF STEM WALL TO TOP OF CONCRETE SLURRY. CONCRETE SLURRY (IF APPLICABLE) TO BE MIN 2" THICK, AND SLOPED TO UNDERFLOOR DRAINAGE (DRAINAGE TO COMPLY WITH IR 16-1) TOP OF STEM WALL CANNOT BE MORE THAN 1/8" OUT OF PLANE, PLUMB AND LEVEL (HORIZONTAL, VERTICAL AND SQUARE, DIAGONAL) OVER THE OVERALL LENGTH AND WIDTH OF THE FOUNDATION FOOTPRINT.
AMS WILL NOT PROVIDE SUPERVISION NOR SIGN OFF ON WORK PERFORMED BY OTHERS.

IN THE EVENT ENGINEERING IS REQUIRED TO ACCOMMODATE ERROR'S OR OMISSION'S, REWORK, OR ADDITIONAL COORDINATION/ENGINEERING ALL EXPENSES SHALL BE REIMBURSED TO AMS.

NOT USED

NOT USED



CONCRETE FOUNDATION PLAN (PLYWOOD OR STRUCTO-CRETE FLOOR)⁹
50 PSF LIVE LOAD + 15 PSF PARTITION LOAD
SCALE: 1/4"=1'-0" A COMBINED SCALE: 1/4"=1'-0" A1

CONCRETE FOUNDATION PLAN (CONCRETE FLOOR)⁹
50 PSF LIVE LOAD + 15 PSF PARTITION LOAD
SCALE: 1/4"=1'-0" B COMBINED SCALE: 1/4"=1'-0" B1

- DO NOT INSTALL BUILDING IN AREAS OF WATER FLOW LINES.
- ULTIMATE 28-DAY CONCRETE COMPRESSIVE STRENGTH SHALL BE 3000 PSI MIN. PER TITLE 24, PART 2, SECTION 1905A.1.1 PROPORTIONED PER ACI 318-11 SECTION 5.2.
- THE REINFORCING BARS MUST BE TESTED PER TITLE 24, PART 2, SECTION 1913A.2. TEST OF REINFORCING BARS MAY BE WAIVED BY THE STRUCTURAL ENGINEER WITH THE APPROVAL OF DSA FOR ONE-STORY BUILDING, PROVIDED CERTIFIED MILL TEST REPORTS ARE PROVIDED FOR EACH SHIPMENT OF SUCH REINFORCEMENT. THE CEMENT SHALL BE CERTIFIED PER SECTION 1913A.1.
- REINFORCING STEEL 60,000 PSI MINIMUM, PER ASTM A615.
- MINIMUM SOIL BEARING CAPACITY 1500 PSF.
- DESIGN SOIL BEARING CAPACITY 1500 PSF.
- ALTERNATE SIDE PLATES MUST COMPLETELY REPLACE TYPICAL SHEAR PLATES ALONG ANY ONE MODULE LINE (4 TOTAL ALTERNATE SIDE PLATES @ INTERIOR MODULE LINE AND 2 TOTAL ALTERNATE SIDE PLATES @ EXTERIOR MODULE LINE.) COMBINATION OF TYPICAL SHEAR PLATES AND ALTERNATE SIDE PLATES ALONG ANY ONE LINE IS NOT PERMITTED.
- PROJECT ARCHITECT SHOULD VERIFY THE NET AREA OF THE VENT COVER BE EQUAL TO OR LARGER THAN THE VENT AREA REQUIRED SHOWN ON THE TABLE.
- 3/4" STRUCTO-CRETE OVER LIGHT GA. FLOOR JOIST SHEET PER S3.0 IS CONSIDERED PLYWOOD OR STRUCTO-CRETE DESIGN AND MATCHES WITH DETAIL A FOR FOUNDATION PLAN. 1/2" STRUCTO-CRETE OVER B-DECK PER SHEET S3.1 SHALL USE DETAIL B FOR FOUNDATION PLAN.

BLDG SIZE (FT)	TOTAL # OF 12' WIDE MODULES	"A" TOTAL # OF CENTER MODULES	"B" TOTAL BLDG WIDTH	TOTAL FLOOR AREA (FT ²)	"C" MIN. TOTAL # OF 4'x12" VENTS REQ'D	NET VENT AREA REQ'D (FT ²)	NET VENT AREA PROVIDED (FT ²)	"D" TOTAL # OF TYPICAL SHEAR R's
24x40	2	0	23'-8 1/2"	960	4	6.4	16.0	8
36x40	3	1	35'-6 3/4"	1440	4	9.6	16.0	12
48x40	4	2	47'-5"	1920	4	12.8	16.0	16
60x40	5	3	59'-3 1/4"	2400	4	16.0	16.0	20
72x40	6	4	71'-1 1/2"	2880	5	19.2	20.0	24
84x40	7	5	82'-11 3/4"	3360	6	22.4	24.0	28
96x40	8	6	94'-10"	3840	7	25.6	28.0	32
108x40	9	7	106'-8 1/4"	4320	8	28.8	32.0	36
120x40	10	8	118'-6 1/2"	4800	8	32.0	32.0	40

NOTES

MODULE SCHEDULE

- DO NOT INSTALL BUILDING IN AREAS OF WATER FLOW LINES.
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- REINFORCING STEEL 60,000 PSI MINIMUM, PER ASTM A615.
- MINIMUM SOIL BEARING CAPACITY 1500 PSF.
- DESIGN SOIL BEARING CAPACITY 1500 PSF.
- ALTERNATE SIDE PLATES MUST COMPLETELY REPLACE TYPICAL SHEAR PLATES ALONG ANY ONE MODULE LINE, AT THE LOW SEISMIC CONDITION, USE 4 TOTAL ALTERNATE SIDE PLATES @ INTERIOR MODULE LINES AND 2 TOTAL ALTERNATE SIDE PLATES @ EXTERIOR MODULE LINES. AT THE HIGH SEISMIC CONDITION, USE 8 TOTAL ALTERNATE SIDE PLATES @ INTERIOR MODULE LINES AND 4 TOTAL ALTERNATE SIDE PLATES @ EXTERIOR MODULE LINES. (REFER TO MODULE SCHEDULE UNDER "E" SHEAR PLATES.) COMBINATION OF TYPICAL SHEAR PLATES AND ALTERNATE SIDE PLATES ALONG ANY ONE LINE IS NOT PERMITTED.
- PROJECT ARCHITECT SHOULD VERIFY THE NET AREA OF THE VENT COVER BE EQUAL TO OR LARGER THAN THE VENT AREA REQUIRED SHOWN ON THE TABLE.
- 3/4" STRUCTO-CRETE OVER LIGHT GA. FLOOR JOIST SHEET PER S3.0 IS CONSIDERED PLYWOOD OR STRUCTO-CRETE DESIGN AND MATCHES WITH DETAIL A FOR FOUNDATION PLAN. 1/2" STRUCTO-CRETE OVER B-DECK PER SHEET S3.1 SHALL USE DETAIL B FOR FOUNDATION PLAN.

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24x40	2	0	23'-8 1/2"	960	4	6.4	16.0	8
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120x40	10	8	118'-6 1/2"	4800	8	32.0	32.0	40

MODULE SCHEDULE

	ENDWALL FTG WIDTH		"E" TOTAL # OF ALT. SIDE R's-SEE 2 OR 3/S1.6		
	W/SHEAR R's	W/ALT. SIDE R's	EXTERIOR LINES	INTERIOR LINES	LEGEND
<input checked="" type="checkbox"/> LOW SEISMIC	12"	12"	2	4	
<input type="checkbox"/> HIGH SEISMIC	13"	12"	4	8	