

DESIGN CRITERIA

SQUARE FOOTAGE

Florida Building Code	2023 - 8th edition
FBC - Mechanical	2023 - 8th edition
FBC - Plumbing	2023 - 8th edition
National Electrical Code (NEC)	2020 edition - NFPA 70
Florida Fire Protection Code (FFPC)	2023 - 8th edition

EACH UNIT SQUARE FOOTAGE = 1250
TOTAL (6) UNITS SQUARE FOOTAGE = 7500

NOTE: DOES NOT INCLUDE OVERHANGS

This structure has been designed in accordance with the 8th edition (2023) FBC & FBCR and Chapt. 26-31 of ASCE 7-22 for (3 Sec. Gust) wind velocity of Vult = 140mph, Vasd = 108mph EXP. 'B', RISK CAT. II INT. PR. = $\pm$ 0 GCp.i. (OPEN) INT. PR. = $\pm$.18 GCp.i. (ENCLOSED) PR. = $\pm$.55 GCp.i. (PARTIALLY ENCLOSED)

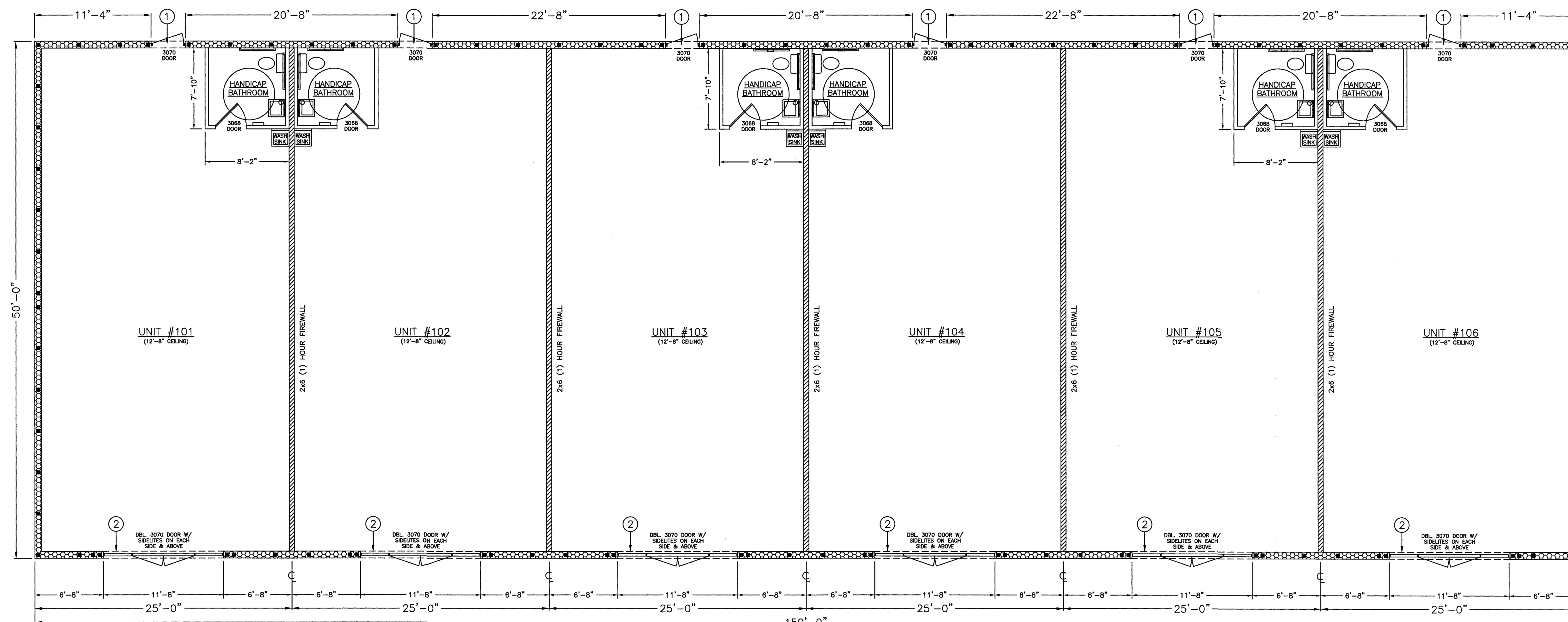
ROOF LIVE LOAD	20 psf
ROOF DEAD LOAD	10 psf
Assumed Soil Bearing	1500 psf

LINTEL SCHEDULE

- | | |
|---|------------------------------|
| ① | 8FR8-1B (54) PRECAST LINTEL |
| ② | 8F24-1B (156) PRECAST LINTEL |

WALL KEY

NEW 12'-8"(H)
BLOCK WALLS
W/ #5
VERTICAL REBAR
● 48" O.C.
(MAX.)



FLOOR PLAN

SCALE: 3/16"=1'-0"

DRAWING INDEX

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A-4	LIFE SAFETY PLAN & ELECTRICAL LAYOUT
A-5	ADDITIONAL DETAILS
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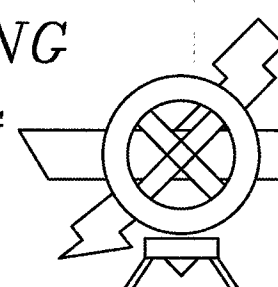
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SCOPE OF WORK: FOR:

BUILDING NUMBER TWO
27 MARKET STREET WEST
DAVENPORT, FLORIDA 33837

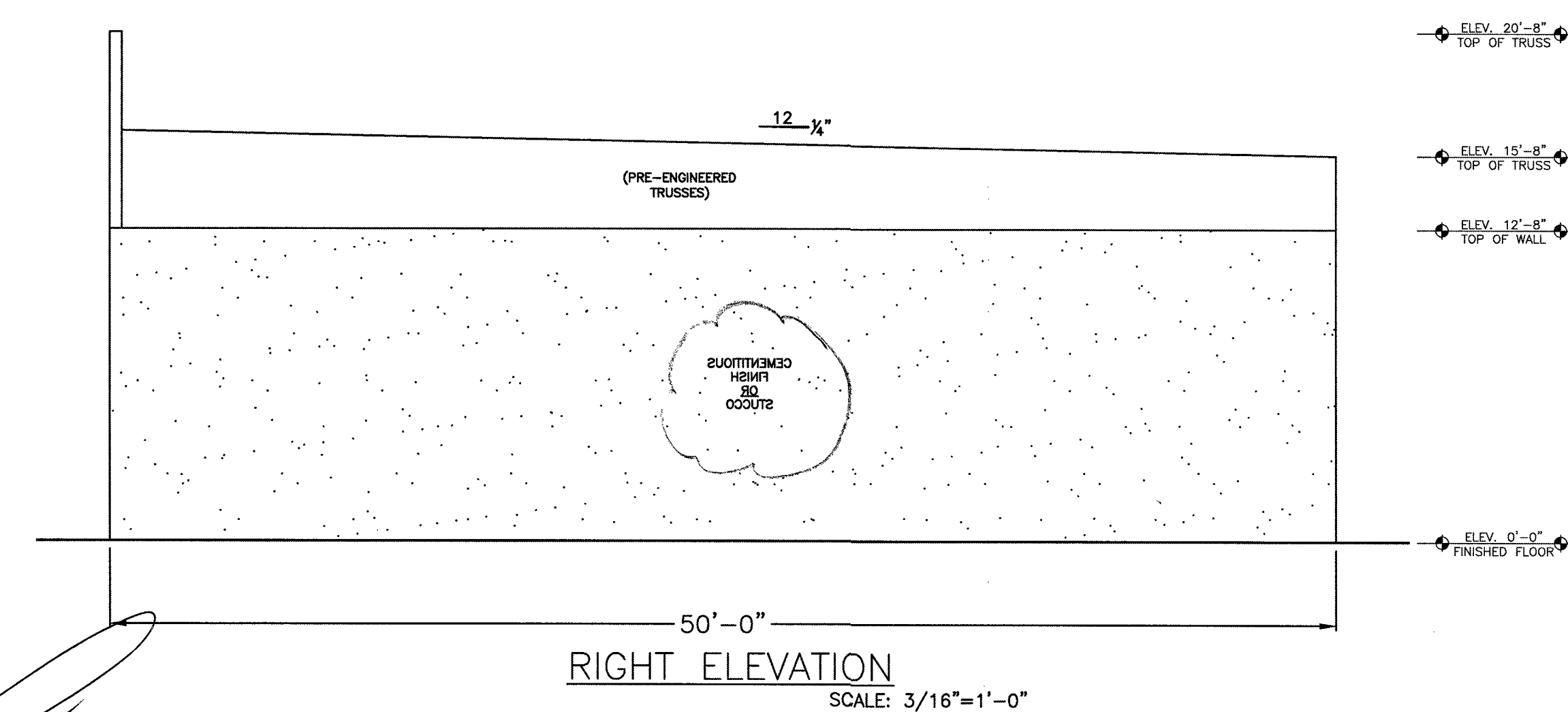
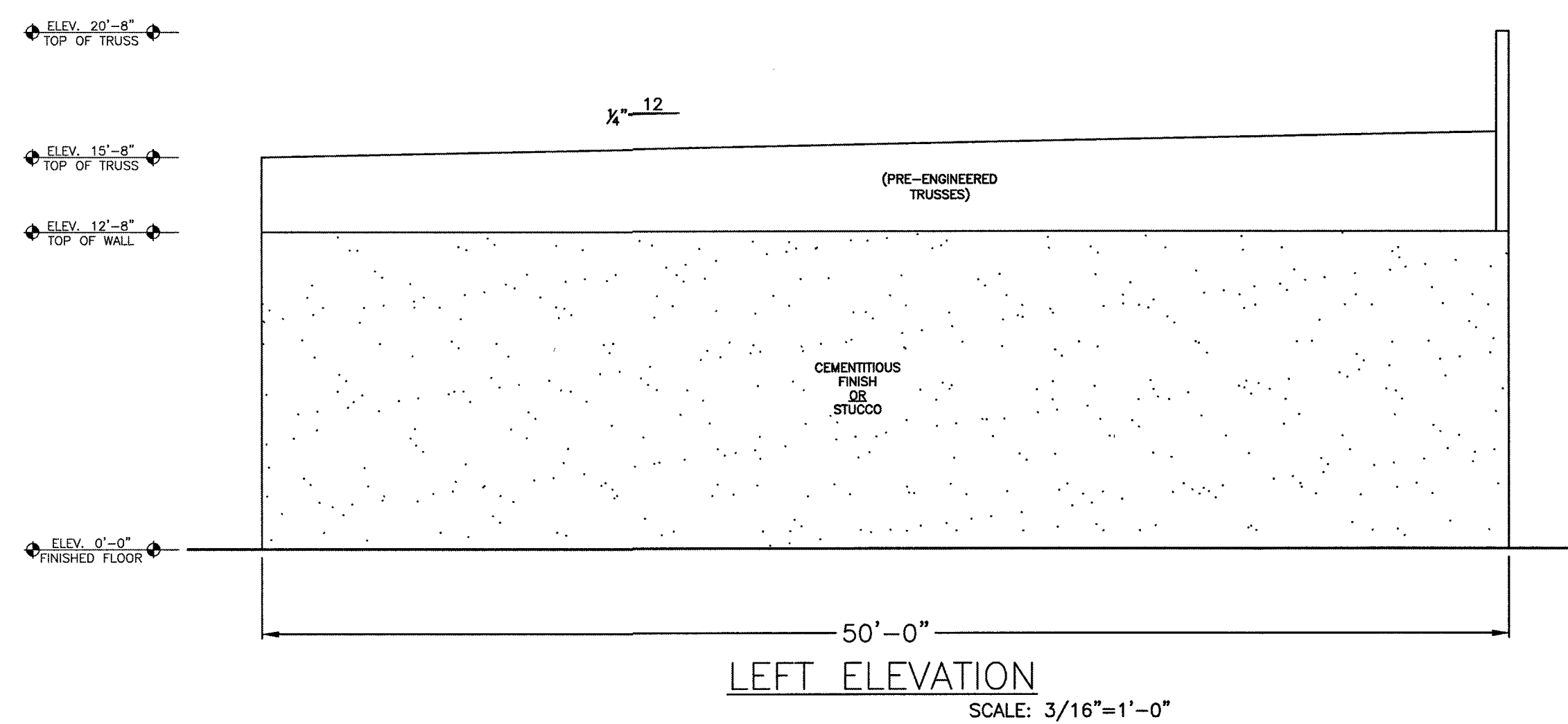
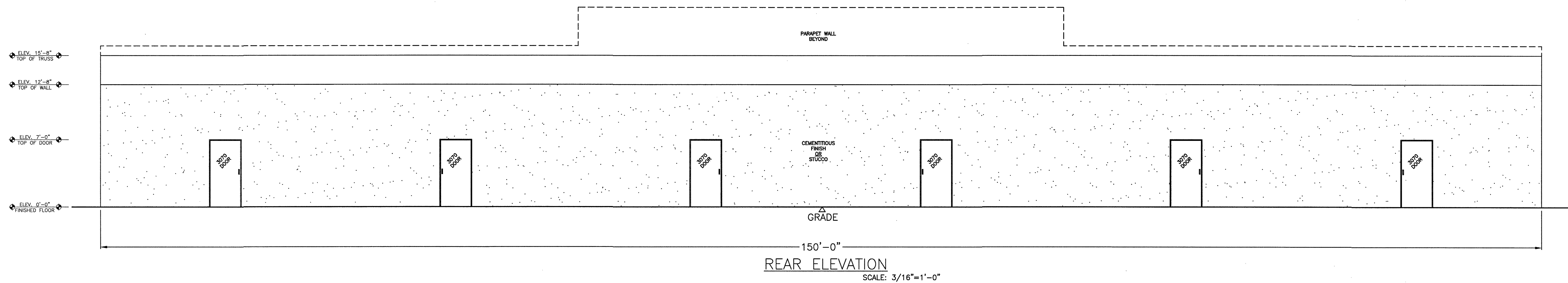
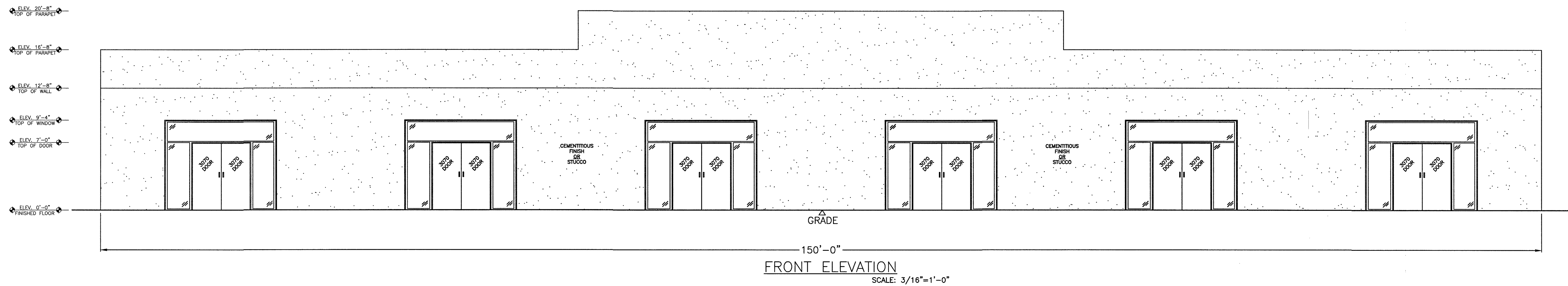
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NOTES:
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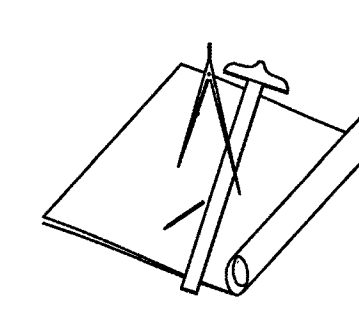
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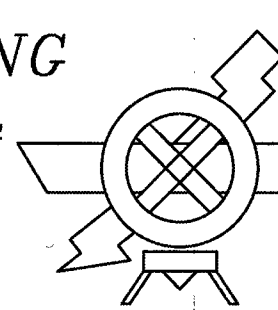
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A-2

NOTE: EXACT LOCATIONS OF HVAC UNITS & VENTS TO BE DETERMINED BY CONTRACTOR

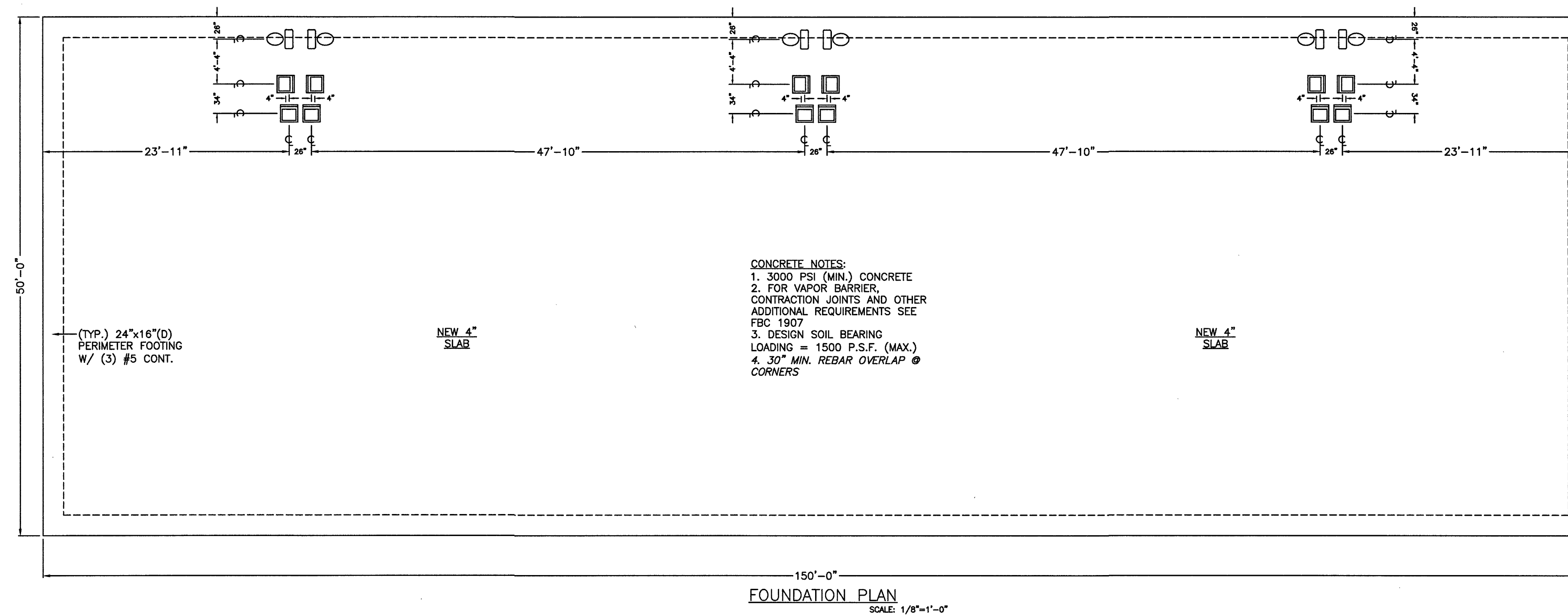
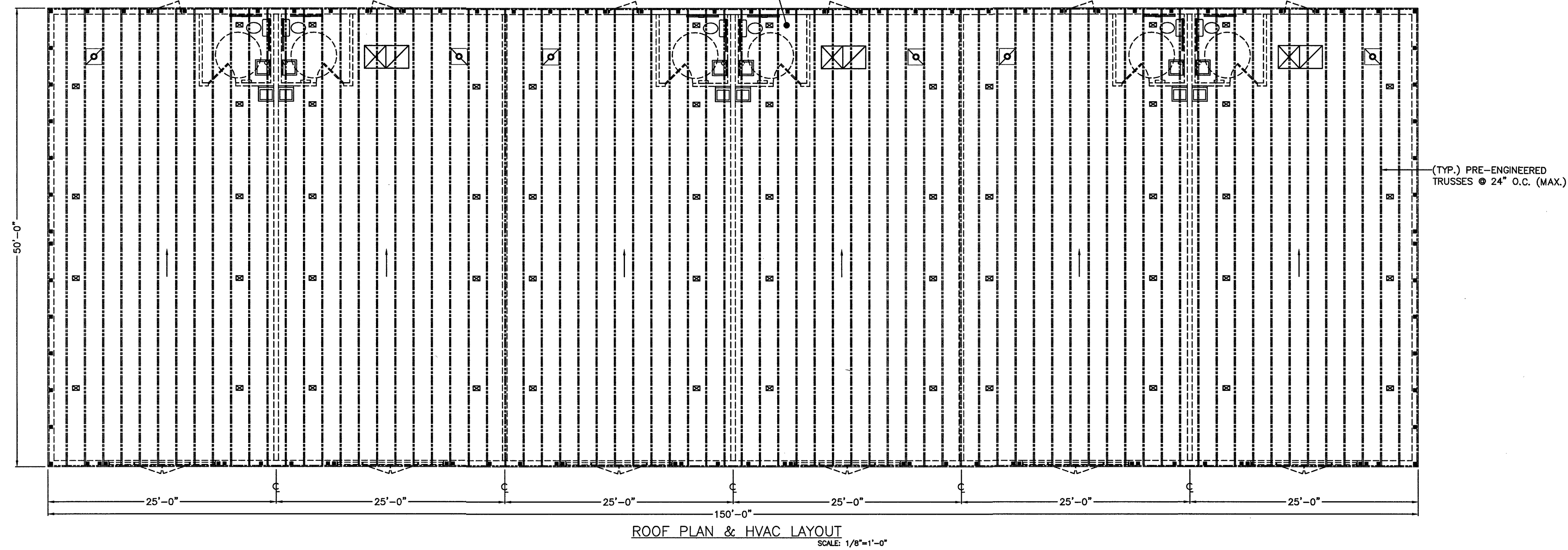
WALL KEY

■ (TYP.) 6"x9" A/C VENT

□ RETURN AIR VENT

⊠ AIR HANDLER UNITS

(TYP.) TPO MEMBRANE ROOFING INSTALLED PER MANUFACTURER'S SPECIFICATIONS OVER UNDERLAYMENT (PER FBC R905) W/ 1/2" CDX, PLYWOOD OR OSB W/ 8d @ 6" O.C. (4" O.C. REQ'D WITHIN 48" OF GABLE ENDS)



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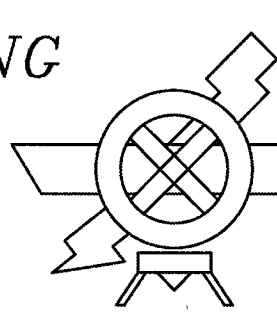
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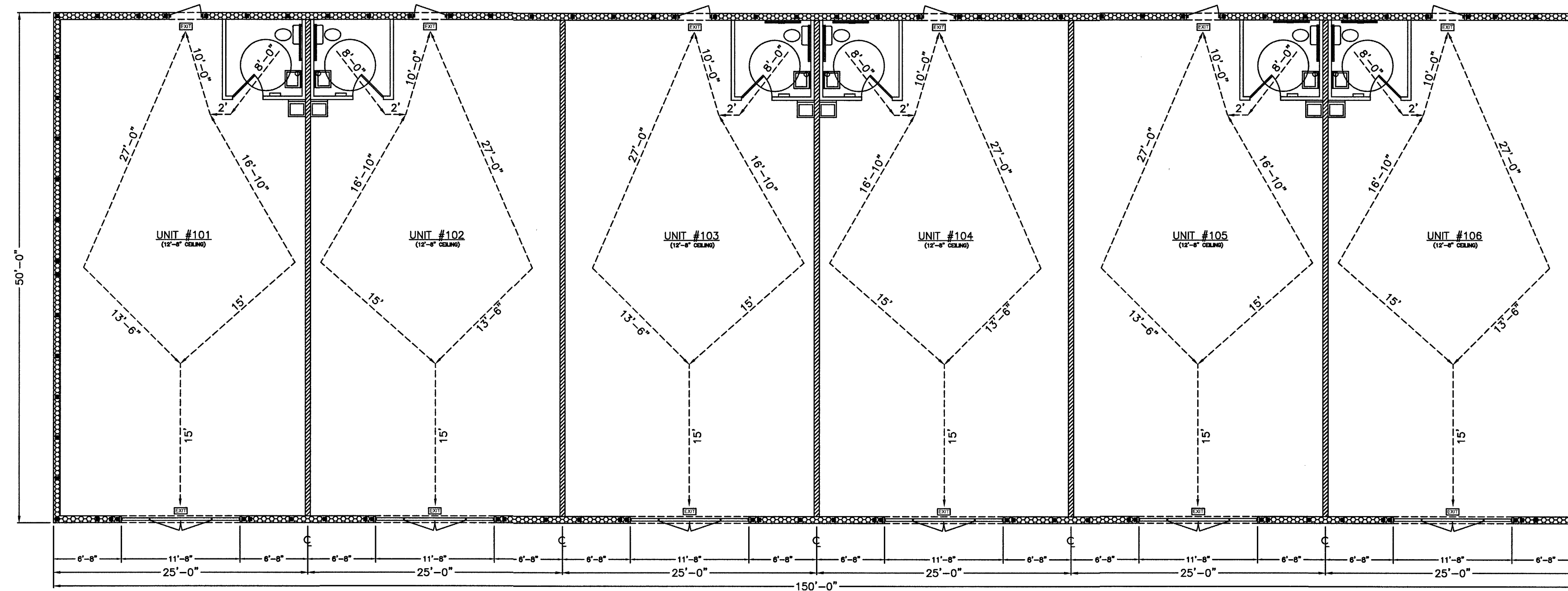


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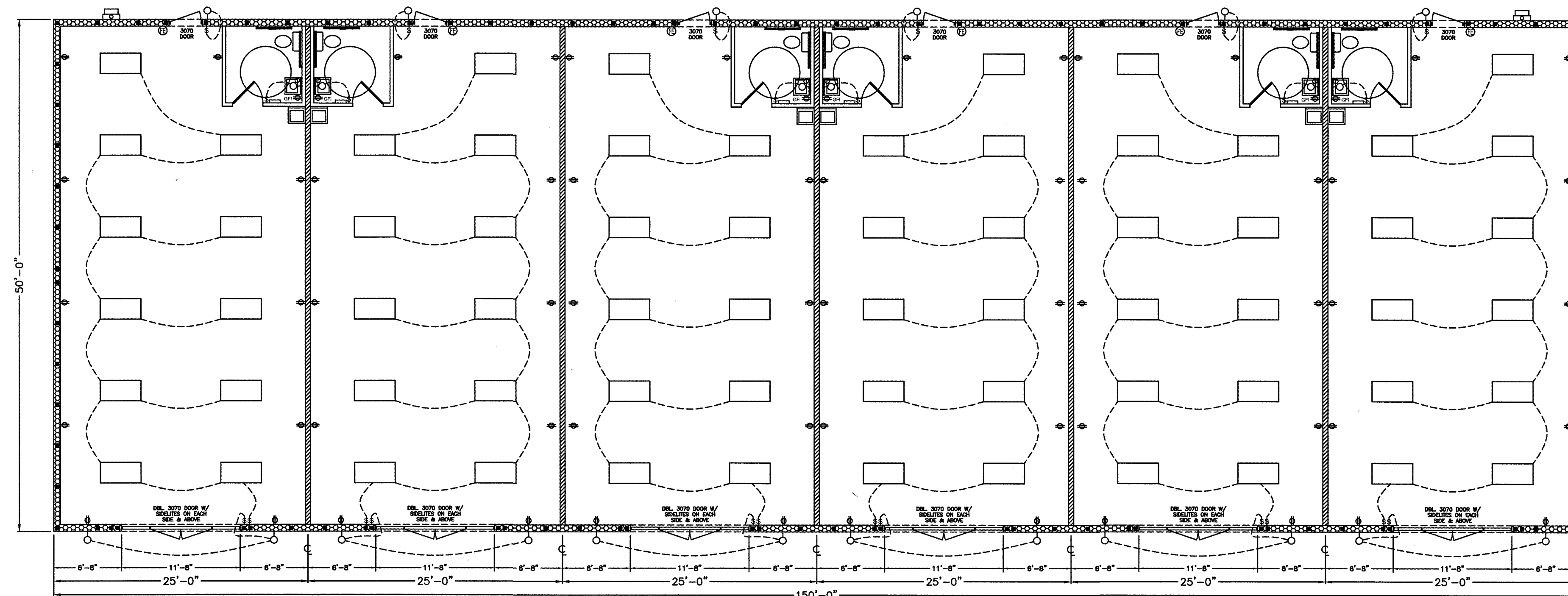
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A-3



LIFE SAFETY PLAN
SCALE: 1/8"=1'-0"



ELECTRICAL LAYOUT
SCALE: 1/8"=1'-0"

ELECTRIC SYMBOLS LEGEND	
	120V DUPLEX OUTLET MOUNTED @ 48" A.F.F.
	120V DUPLEX OUTLET MOUNTED @ 48" A.F.F. WITH GROUND FAULT INTERRUPTER
	SINGLE POLE SWITCH MOUNTED @ 48" A.F.F.
	ELECTRIC METER (3 PHASE)
	100W WALL MOUNTED INCANDESCENT
	24W/4W LED LIGHTS
	FIRE EXTINGUISHER - ABC RATED
ELECTRICAL NOTES: 1. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL LOCAL ORDINANCES. 2. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL LOCAL ORDINANCES. 3. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL LOCAL ORDINANCES.	

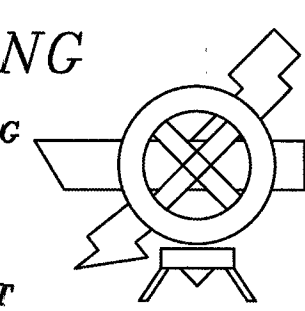


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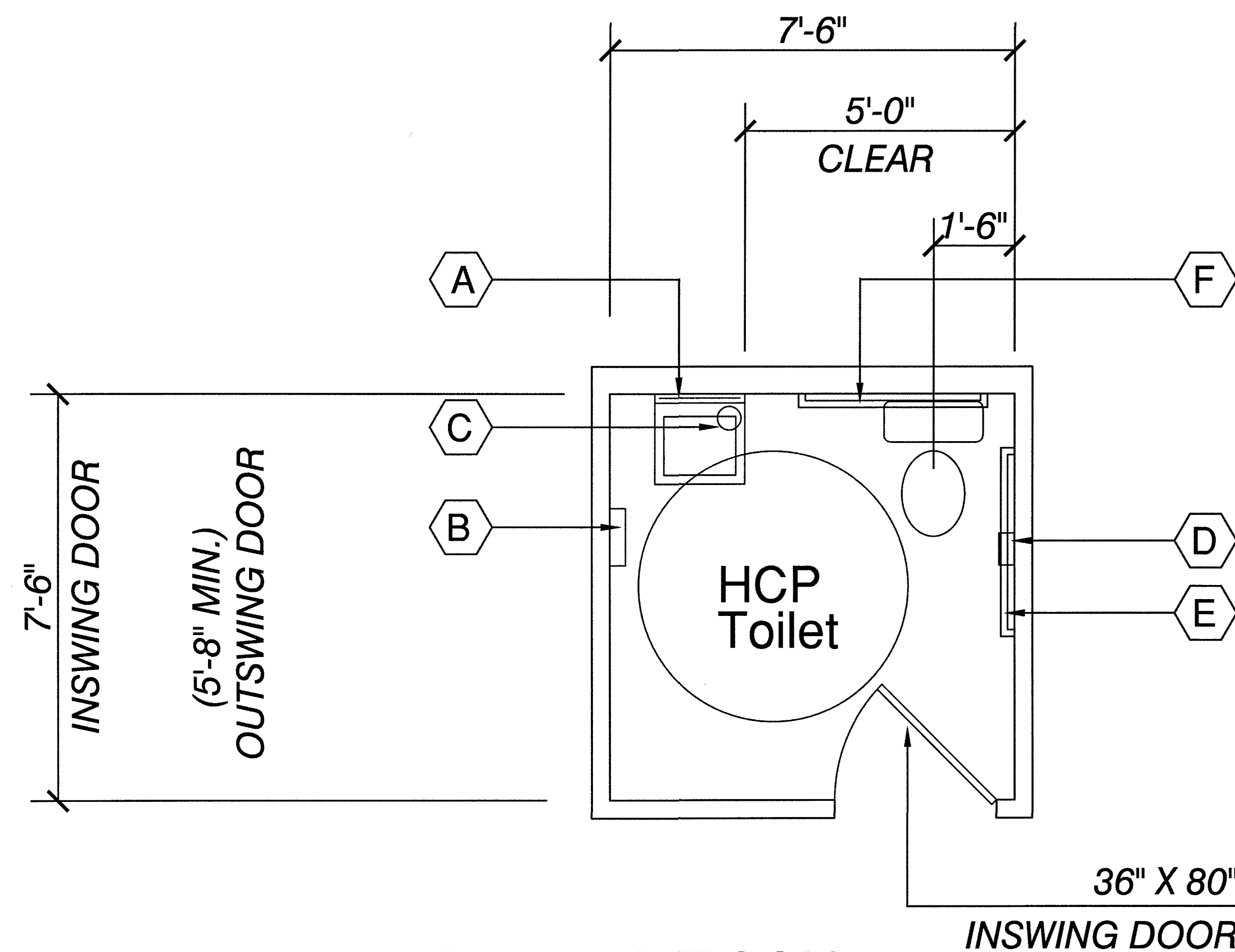
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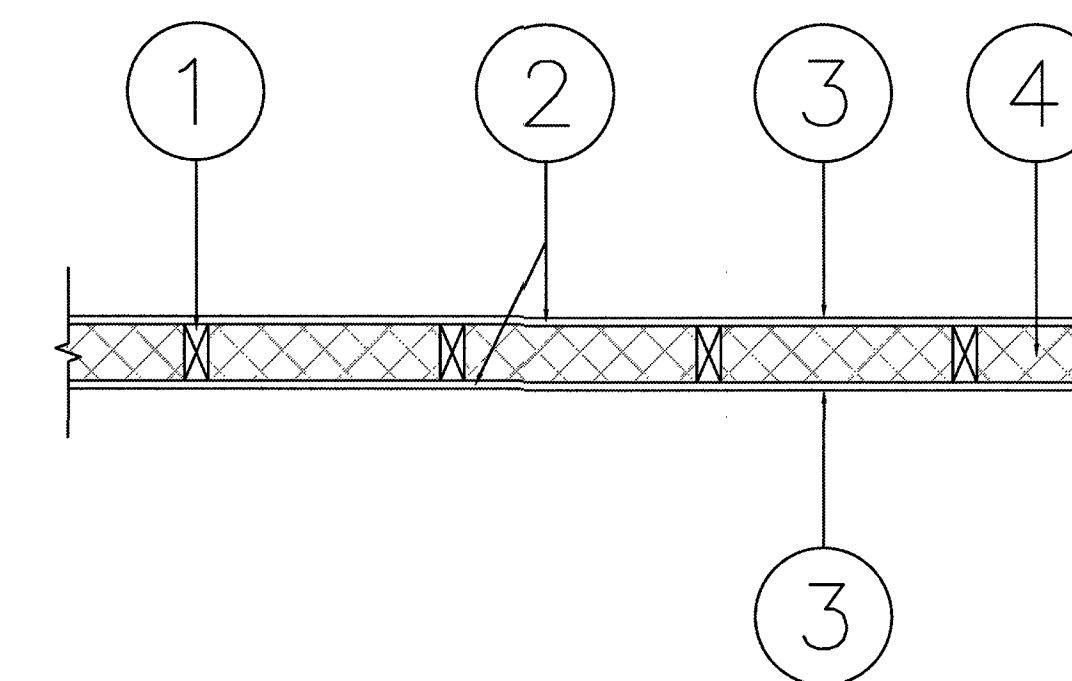
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A-4



TYPICAL RESTROOM
ADA SPECS

TOILET ACCESSORIES LEGEND	
NOTE	DESCRIPTION
A	FRAMED MIRROR UNIT - 24" X 36" H. MOUNT BOTTOM @ 40" A.F.F.
B	PAPER TOWEL DISPENSER - WALL MOUNTED MOUNT BOTTOM @ 40" A.F.F.
C	LIQUID TYPE SOAP DISPENSER - WALL MOUNTED MOUNT C/L OF USER CONTROL @ 36" A.F.F.
D	DOUBLE ROLL TOILET TISSUE DISPENSER WALL SURFACE MOUNTED - C/L OF ROLL 19" A.F.F. LEADING EDGE OF ROLL - 36" FROM REAR WALL
E	1-1/2" DIA. X 42" LG. S.S. SIDE GRAB BAR MOUNT TOP OF RAIL @ 33" A.F.F. MOUNT C/L OF END @ 12" FROM REAR WALL
F	1-1/2" DIA. X 36" LG. S.S. REAR GRAB BAR MOUNT TOP OF RAIL @ 33" A.F.F. MOUNT C/L OF END @ 6" FROM SIDE WALL
G	IF LAV HAS HOT WATER SUPPLY ONLY: PROVIDE PIPE SKIRT BELOW LAVATORY
OPTION	



1-HR FIRE WALL (U309) DETAIL
N.T.S.

GENERAL NOTES THAT CORRESPOND WITH NUMBERS ABOVE:
 1) 2x6 NOMINAL STUDS @ 24" O.C. (MAX.) (EFFECTIVELY FIRESTOPPED)
 2) 5/8" GYPSUM BOARD - ATTACHED TO STUDS & TOP/BOTTOM PLATE W/
 FIRE RESISTANCE RATING (ANSI/US 263 (BXUV) 6d CEMENT COATED NAILS
 @ 7" O.C. (MAX.)
 3) JOISTS & NAILHEADS - WALLBOARD JOISTS COVERED WITH PAPER
 TAPE AND JOINT COMPOUND. NAILHEADS COVERED WITH JOINT COMPOUND.
 GYPSUM PLASTER NOTE MORE 1/8" THICK MAY BE APPLIED OVER THE
 WALLBOARD IN ADDITION TO THE SPECIFIED JOINT TREATMENT
 4) OPTIONAL NON-COMBUSTIBLE FIBERGLASS INSULATION BETWEEN STUDS
 NOTE: #8x1 3/8" DRYWALL SCREWS W/ 3/16" HEADS @ 12" O.C. (MAX.)
 FIELD & @ 8" O.C. (MAX.) PERIMETER MAY BE USED IN LIEU OF 6d
 CEMENT COATED NAILS @ 7" O.C. (MAX.)

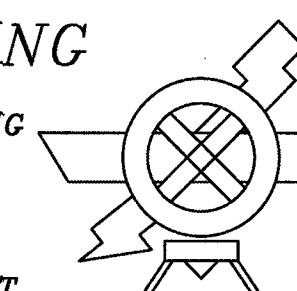


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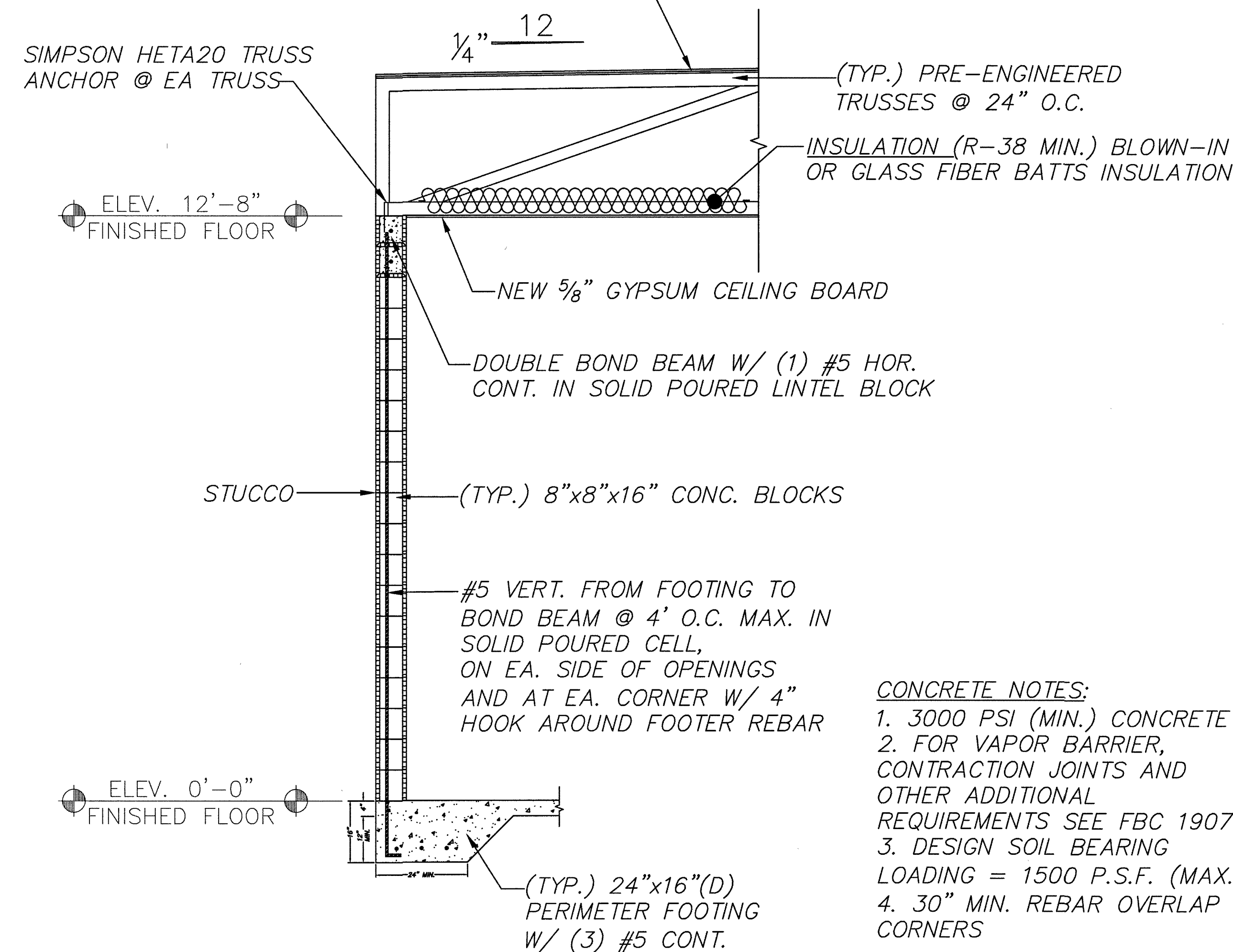
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A-5

(TYP.) TPO MEMBRANE ROOFING INSTALLED
PER MANUFACTURER'S SPECIFICATIONS OVER
UNDERLAYMENT (PER FBC R905) W/ & 1/2"
CDX, PLYWOOD OR OSB W/ 8d @ 6" O.C. (4"
O.C. REQ'D WITHIN 48" OF GABLE ENDS)



CONCRETE NOTES:

1. 3000 PSI (MIN.) CONCRETE
2. FOR VAPOR BARRIER,
CONTRACTION JOINTS AND
OTHER ADDITIONAL
REQUIREMENTS SEE FBC 1907
3. DESIGN SOIL BEARING
LOADING = 1500 P.S.F. (MAX.)
4. 30" MIN. REBAR OVERLAP @
CORNERS

(TYP.) BLOCK WALL SECTION

SCALE: 1/2"=1'-0"

(TYP.) NEW TRUSS BOTTOM
CORD @ 24" O.C. (MAX.)

DBL. 2x4 TOP PLATE OR (1) 2x4
(IF CONT.) ATTACHED TO NEW
TRUSSES W/ (3) 12d TOE-NAILS

(TYP.) NEW 5/8" GYPSUM
CEILING BOARD

(TYP.) NEW 1/2" GYPSUM
WALLBOARD EACH SIDE

(TYP.) 2x4 P.T. BOTTOM PLATE ATTACHED
TO CONCRETE W/ 1/4" TAPCONS (2" MIN.
EMBED.) @ 24" O.C. (MAX.) & 2" AT
CORNERS & NON-CONT. BOTTOM PLATE

OPTIONAL R-11 OR R-15
GLASS FIBER BATT WALL
INSULATION BETWEEN STUDS

NEW CONC.
SLAB

NEW INTERIOR 2x4 STUD
(NON-LOAD BEARING) WALL

SCALE: 1/2"=1'-0"



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