

EAST ELEVATION

SCALE: 1/4" = 1'-0"



SOUTH ELEVATION

SCALE: 1/4" = 1'-0"



NORTH ELEVATION

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WEST ELEVATION

SCALE: 1/4" = 1'-0"

DATE: 5/01/16
NAME: BL
DWG. NO: 16-266
CADFILE: EmmanuelLutheranChurch FinalPlan 5/01/16
REVISIONS: 29NOV16

PROPOSED NEW CHURCH FOR
EMMANUEL LUTHERAN CHURCH
EP565 CTY RD P
STRATFORD WI 54449

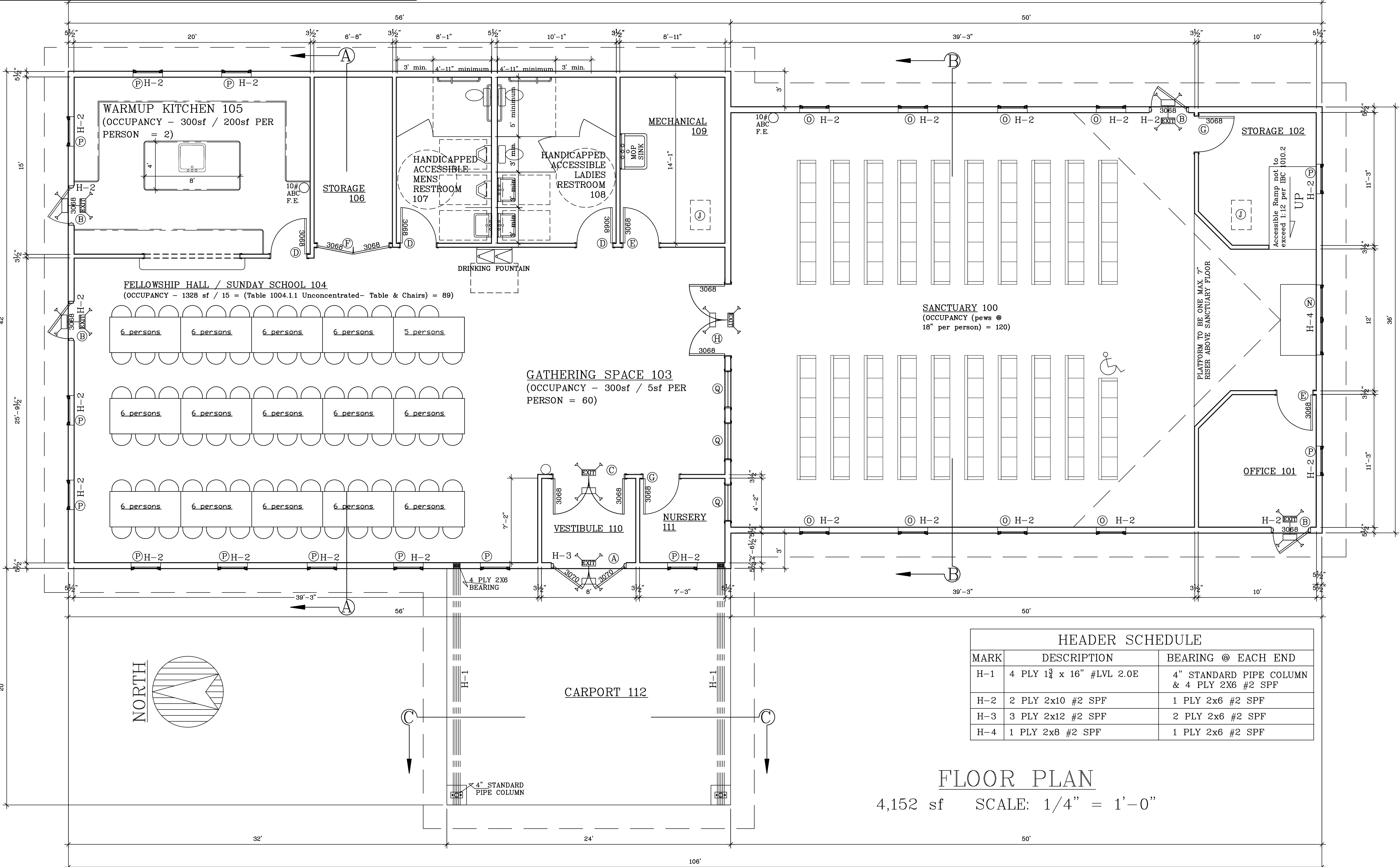
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ROOM FINISH SCHEDULE									DOOR & WINDOW SCHEDULE								DOOR & WINDOW SCHEDULE								
MARK	DESCRIPTION	FLOOR	BASE	WALL	CEILING	TRIM	CEILING HEIGHT	REMARKS	MARK	TYPE	SIZE	DESCRIPTION	FRAME	GLASS	FIRE RATING	HARDWARE	REMARKS	MARK	TYPE	SIZE	DESCRIPTION	FRAME	GLASS	OPERATING	REMARKS
100	SANCTUARY	26 OZ. COMMERCIAL CARPET	4" VINYL COVE BASE	% DRYWALL, TAPED & ORANGE PEEL TEXTURE	% DRYWALL, TAPED & ORANGE PEEL TEXTURE	FINISHED OAK	VARIABLE																		
101	OFFICE	26 OZ. COMMERCIAL CARPET	4" VINYL COVE BASE	% DRYWALL, TAPED & ORANGE PEEL TEXTURE	2X2 ACCOUSTICAL CEILING TILE IN METAL GRID	FINISHED OAK	8'-0"																		
102	STORAGE	26 OZ. COMMERCIAL CARPET	4" VINYL COVE BASE	% DRYWALL, TAPED & ORANGE PEEL TEXTURE	% DRYWALL, TAPED & ORANGE PEEL TEXTURE	FINISHED OAK	10'-0"		A	EXIT DOOR & FRAME	6'-0" X 7'-0"	ALUMINUM FRAME STOREFRONT GLASS DOUBLE DOOR	ALUMINUM	INSULATED LOW-E	NONE	PANIC BAR, THUMBTURN LOCK & CLOSERS		N	PARRETT WINDOW	6'-0" X 2'-3"	FIXED LITE TRAPEZOID WINDOW ABOVE ALTAR	WOOD FRAME - VINYL CLAD	INSULATED LOW-E	FIXED	SEE CROSS SECTION B-B & SOUTH ELEVATION FOR SHAPE
103	GATHERING SPACE	26 OZ. COMMERCIAL CARPET	4" VINYL COVE BASE	% DRYWALL, TAPED & ORANGE PEEL TEXTURE	2X2 ACCOUSTICAL CEILING TILE IN METAL GRID	FINISHED OAK	±8'-8"		B	EXIT DOOR & FRAME	3'-0" X 7'-0"	STEEL INSULATED DOOR	WOOD FRAME - ALUMINUM CLAD	24"x 30"-1" THK INSUL LOW-E LITE	NONE	STD EXT LOCKSET & CLOSER		O	PARRETT WINDOW	2'-6" X 4'-0"	FIXED LITE SPIRE TOP CASEMENT WINDOW	WOOD FRAME - VINYL CLAD	INSULATED LOW-E	FIXED	SEE EAST & WEST ELEVATIONS FOR SHAPE
104	FELLOWSHIP HALL	VINYL COMPOSITION TILE	4" VINYL COVE BASE	% DRYWALL, TAPED & ORANGE PEEL TEXTURE	2X2 ACCOUSTICAL CEILING TILE IN METAL GRID	FINISHED OAK	±8'-8"		C	DOOR & FRAME	6'-0" X 6'-8"	SC OAK FLUSH DOUBLE DOOR	OAK JAMB, CASING & STOP	24"x 68"-1/4" TEMPERED LITE	NONE	PUSH PULL HARDWARE & CLOSER		P	PARRETT WINDOW	2'-6" X 4'-0"	FIXED LITE CASEMENT WINDOW	WOOD FRAME - VINYL CLAD	INSULATED LOW-E	FIXED	
105	WARMUP KITCHEN	SHEET VINYL	4" VINYL COVE BASE	% DRYWALL, TAPED & ORANGE PEEL TEXTURE	2X2 VINYL COATED GYPSUM TILE IN METAL GRID	FINISHED OAK	8'-0"	WALL PAINT 2 COATS SEMI-GLOSS ENAMEL	D	DOOR & FRAME	3'-0" X 6'-8"	SC OAK FLUSH DOOR	OAK JAMB, CASING & STOP	NONE	NONE	PUSH PULL HARDWARE & CLOSER		Q	INTERIOR WINDOW	3'-0" X 4'-0"	JOBSITE FRAMED BORROWED LIGHT WINDOW	OAK JAMB, CASING & STOP	36" x 48"-1/4" PLATE LITE	FIXED	
106	STORAGE	VINYL COMPOSITION TILE	4" VINYL COVE BASE	% DRYWALL, TAPED & ORANGE PEEL TEXTURE	% DRYWALL, TAPED & ORANGE PEEL TEXTURE	FINISHED OAK	10'-0"		E	DOOR & FRAME	3'-0" X 6'-8"	SC OAK FLUSH DOOR	OAK JAMB, CASING & STOP	NONE	NONE	KEYED LOCKSET		HARDWARE NOTES *LEVER LOCKSETS TO BE SCHLAGE "AL" LOCKSETS OR EQUAL. *ALL RESTROOMS AND EXTERIOR DOORS AND JAMBS TO HAVE NORTON 1604BH "ADA" ACCEPTABLE CLOSERS OR EQUAL. *ALL EXTERIOR DOOR THRESHOLDS SHALL BE "ADA" ACCEPTABLE NOT TO EXCEED 1/2" HIGH. / *ALL EXTERIOR DOORS SHALL BE FULLY WEATHERSTRIPPED WITH SWEEPS.							
107	MENS RESTROOM	12x12 PORCELAIN TILE	4" PORCELAIN BASE	% DRYWALL, TAPED & ORANGE PEEL TEXTURE	2X2 VINYL COATED GYPSUM TILE IN METAL GRID	FINISHED OAK	8'-0"	WALL PAINT 2 COATS SEMI-GLOSS ENAMEL	F	DOOR & FRAME	6'-0" X 6'-8"	SC OAK FLUSH DOUBLE DOOR	OAK JAMB, CASING & STOP	NONE	NONE	KEYED LOCKSET									
108	WOMENS RESTROOM	12x12 PORCELAIN TILE	4" PORCELAIN BASE	% DRYWALL, TAPED & ORANGE PEEL TEXTURE	2X2 VINYL COATED GYPSUM TILE IN METAL GRID	FINISHED OAK	8'-0"		G	DOOR & FRAME	3'-0" X 6'-8"	SC OAK FLUSH DOOR	OAK JAMB, CASING & STOP	NONE	NONE	PASSAGE LOCKSET									
109	MECHANICAL ROOM	SEALED CONCRETE	4" VINYL COVE BASE	% DRYWALL, TAPED & ORANGE PEEL TEXTURE	% DRYWALL, TAPED & ORANGE PEEL TEXTURE	FINISHED OAK	10'-0"		H	DOOR & FRAME	3'-0" X 6'-8"	SC OAK FLUSH DOOR	OAK JAMB, CASING & STOP	NONE	NONE	PUSH PULL HARDWARE & CLOSER	CLOSERS TO HAVE HOLDFOPEN FEATURE MINIMUM 30" CLEAR HEADROOM								
110	NURSERY	26 OZ. COMMERCIAL CARPET	4" VINYL COVE BASE	% DRYWALL, TAPED & ORANGE PEEL TEXTURE	2X2 ACCOUSTICAL CEILING TILE IN METAL GRID	FINISHED OAK	8'-0"		J	CEILING ATTIC ACCESS DOOR	1'-8" X 2'-6"	WOOD FRAME INSULATED DOOR- BUILD ON JOB	WOOD FRAME	NONE	NONE	SELF CLOSING									
111	VESTIBULE	12x12 PORCELAIN TILE	4" VINYL COVE BASE	% DRYWALL, TAPED & ORANGE PEEL TEXTURE	2X2 ACCOUSTICAL CEILING TILE IN METAL GRID	FINISHED OAK	8'-0"																		
112	CARPORT	SEALED CONCRETE	NONE	NONE	ALUMINUM SOFFIT	ALUMINUM	±9'-4"																		

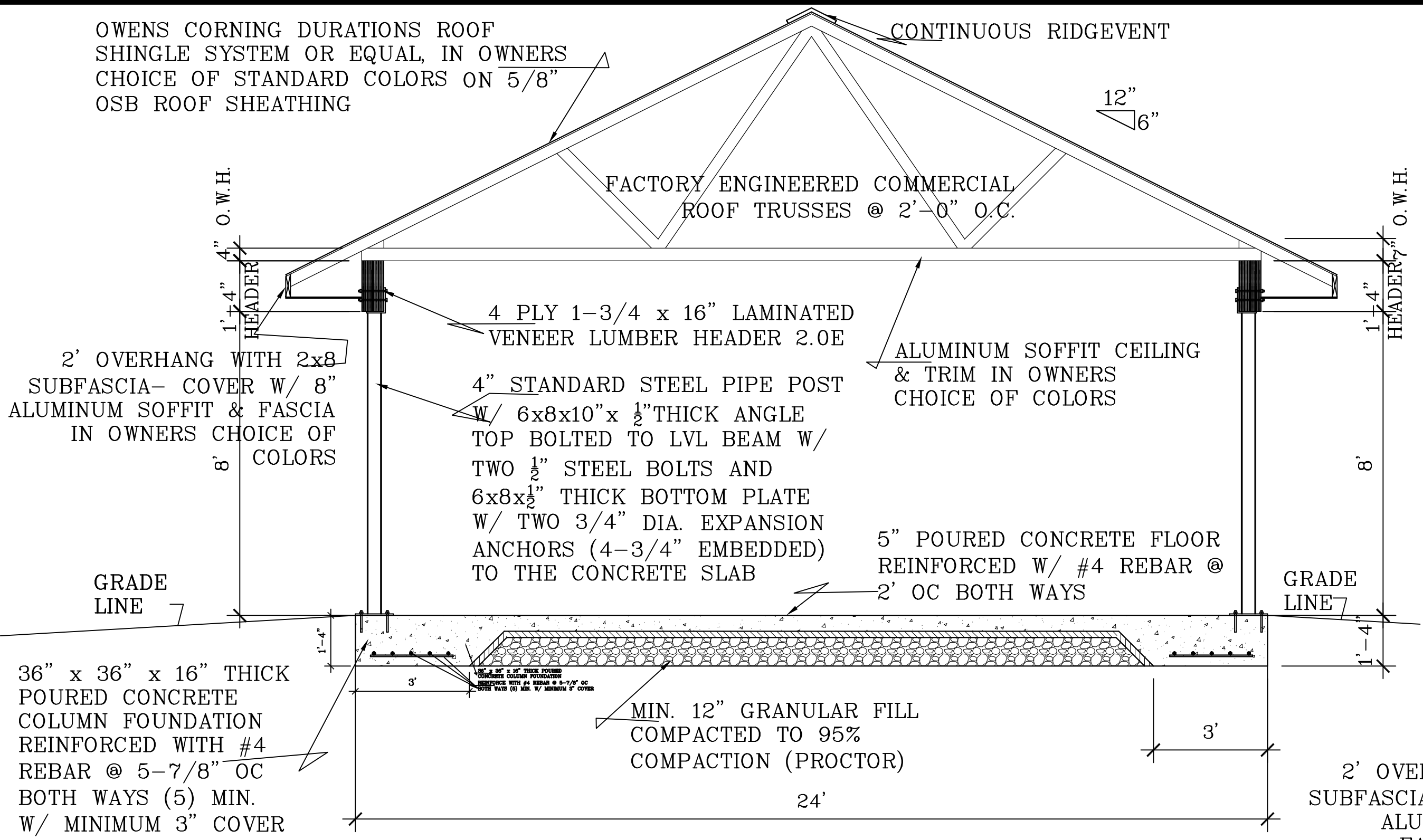


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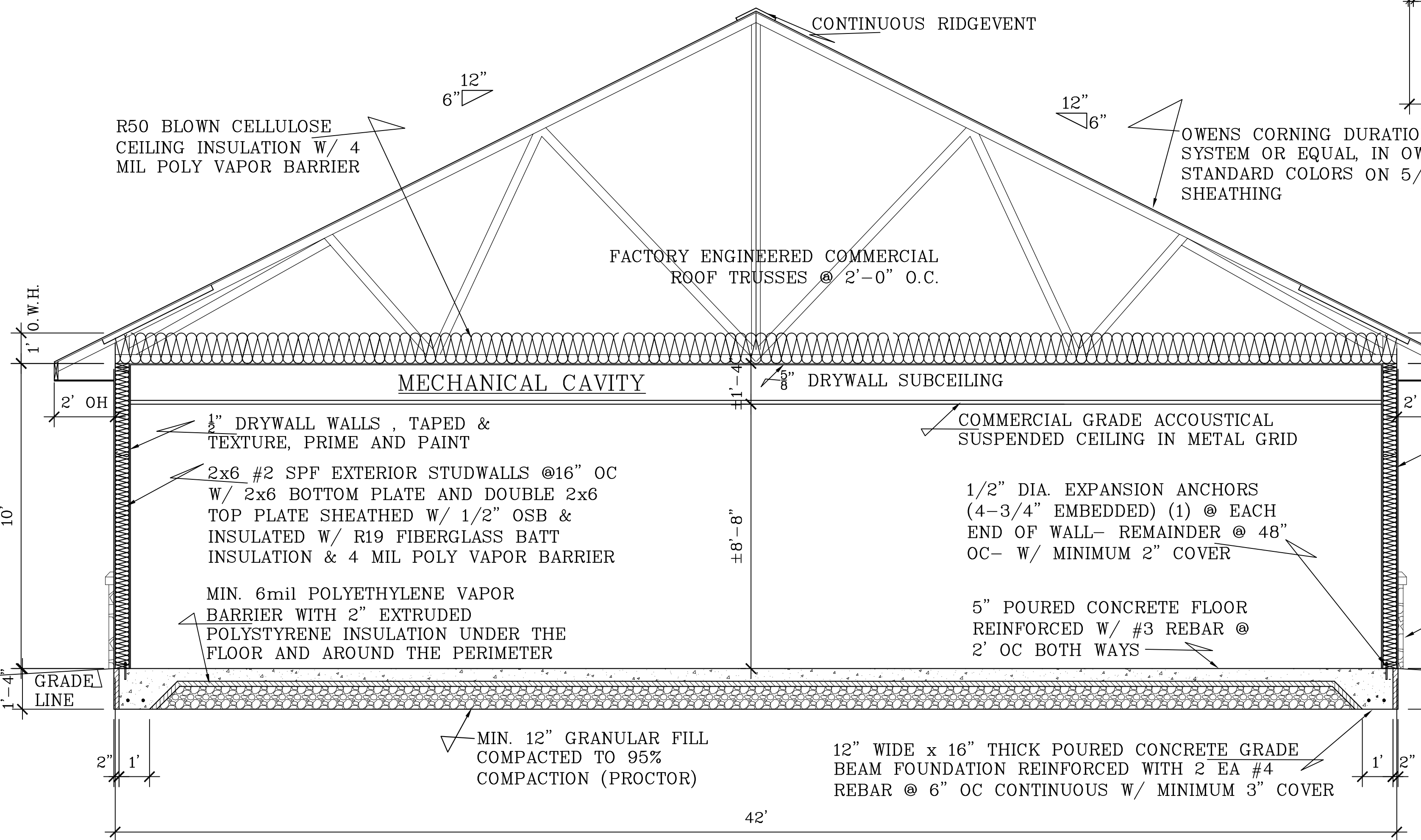
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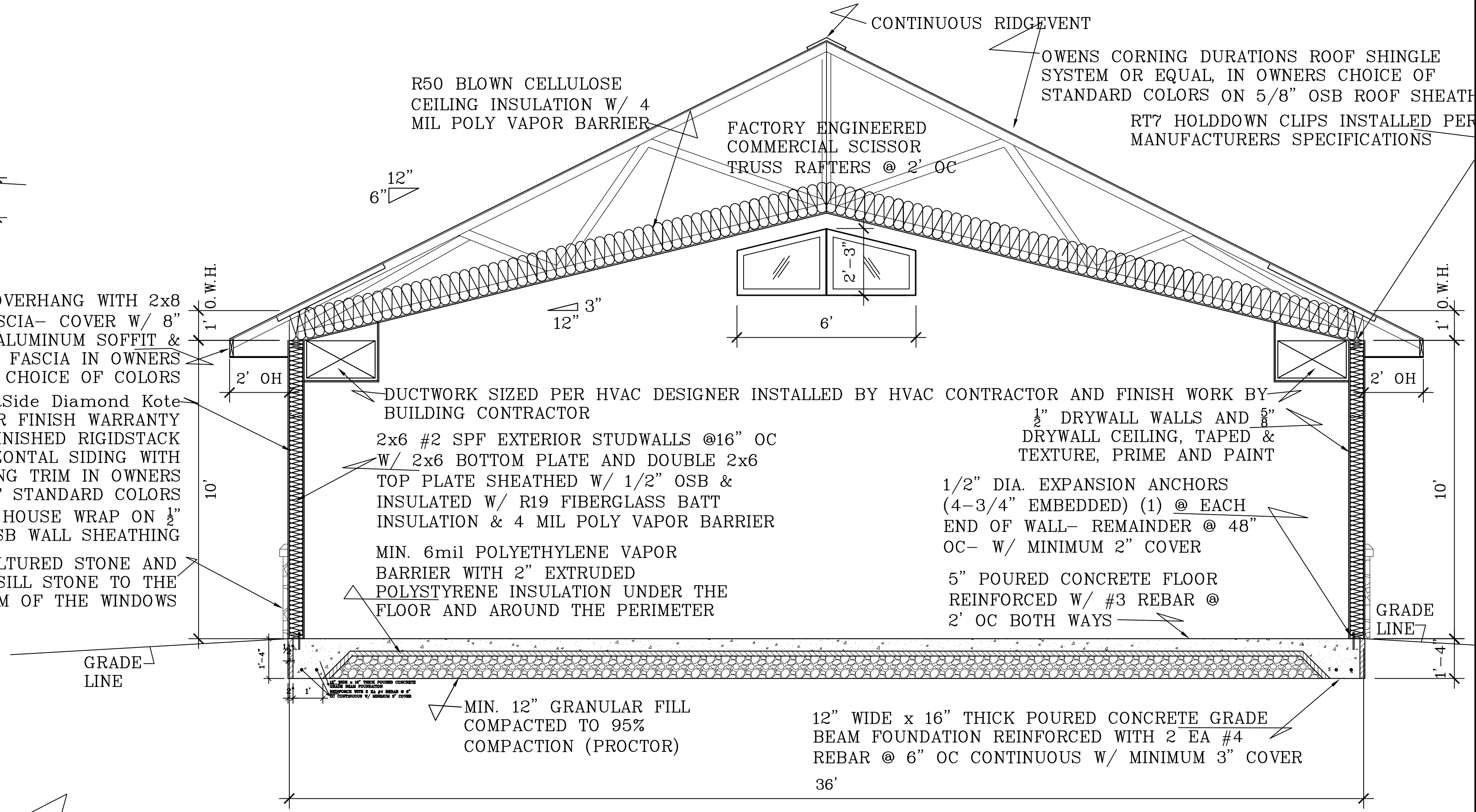
CROSS SECTION C-C

SCALE: 3/8" = 1'-0"



CROSS SECTION A-A

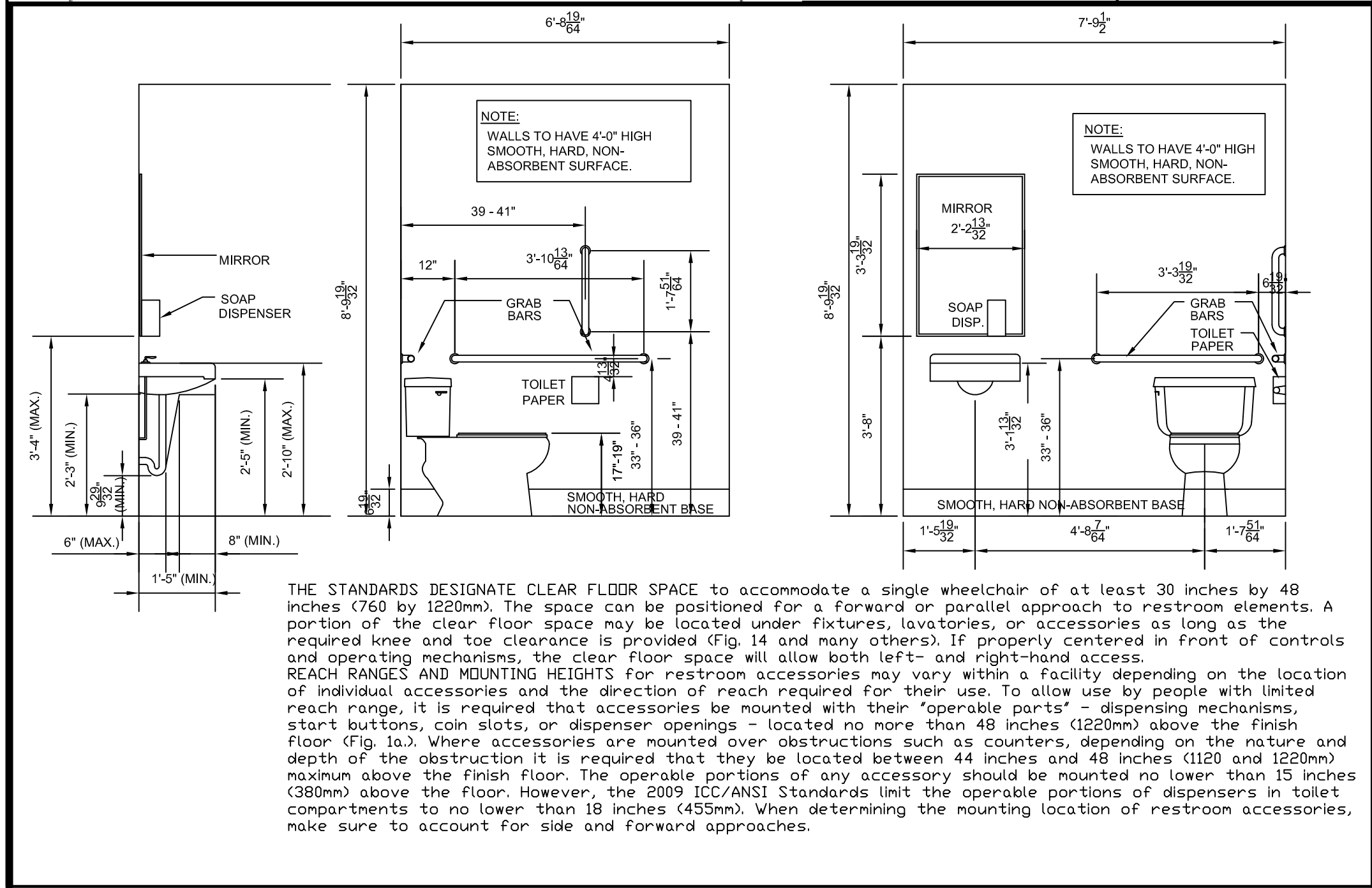
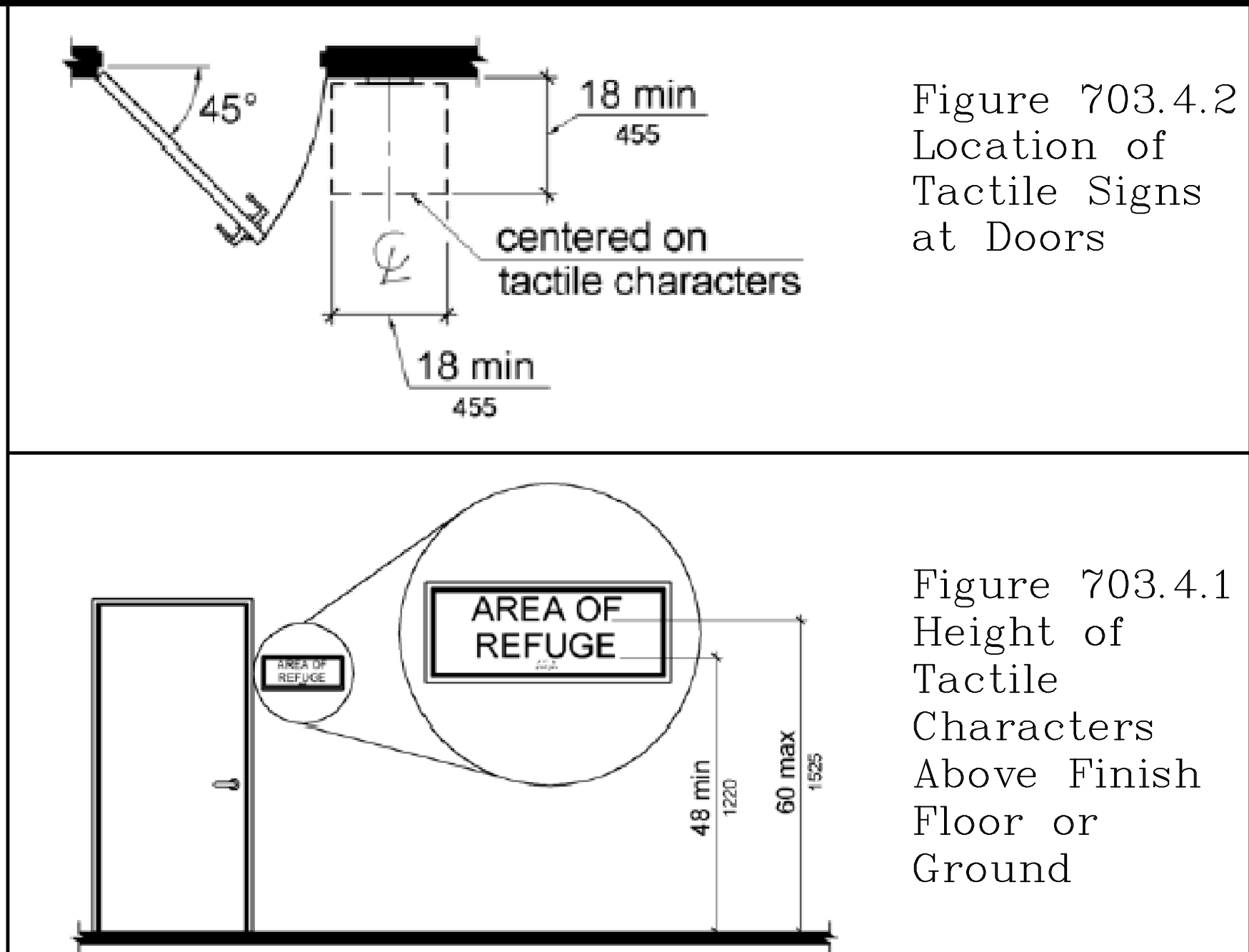
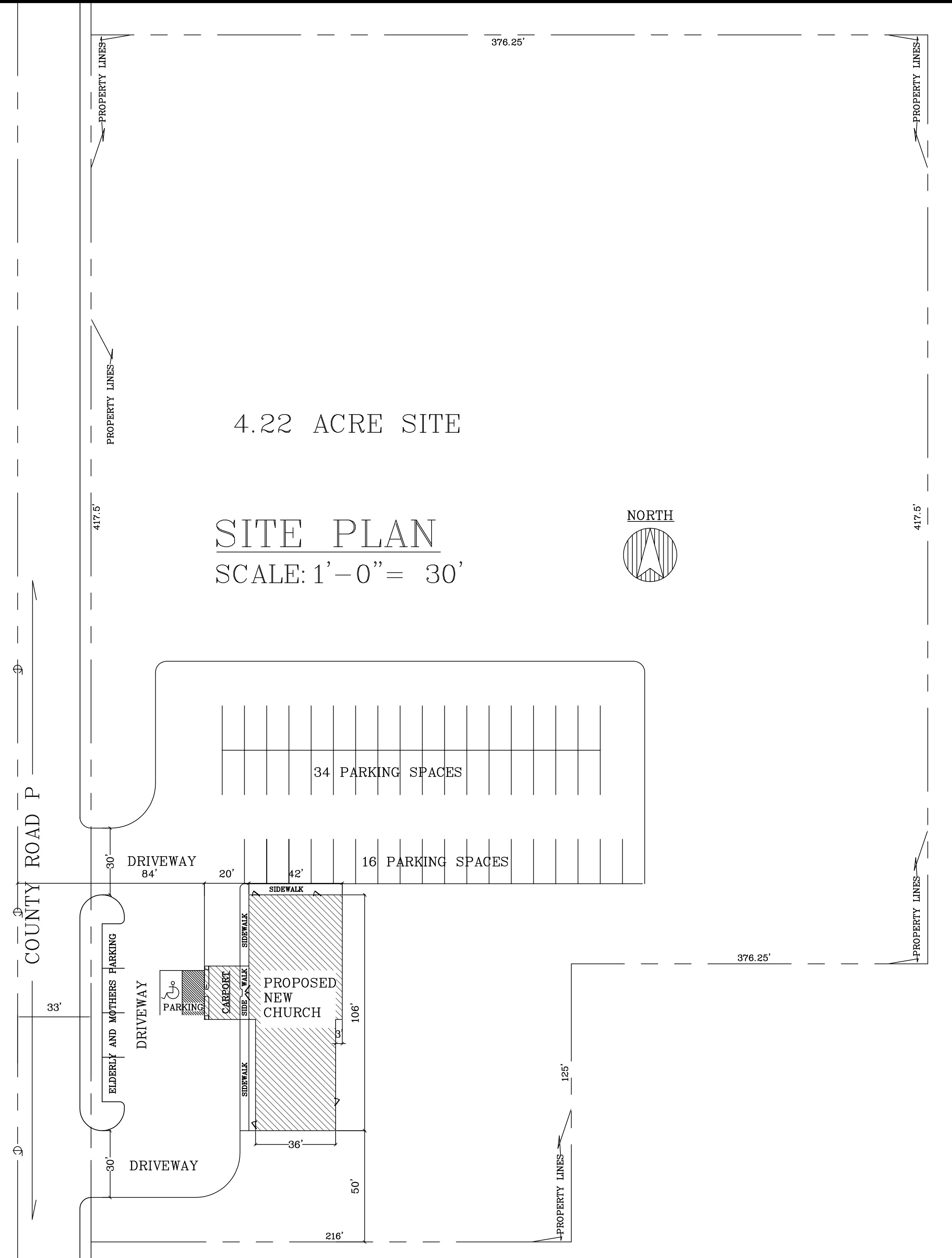
SCALE: 3/8" = 1'-0"



CROSS SECTION B-B

SCALE: 3/8" = 1'-0"

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EMMANUEL LUTHERAN CHURCH TYPICAL SINGLE SUNDAY SERVICE IS ATTENDED BY 50-60 PEOPLE. WEDDINGS AND FUNERALS GENERATE A GREATER ATTENDANCE BUT TWICE AS MANY, 100-150 PEOPLE, WOULD BE A LARGE ATTENDANCE. OCCUPANCY BELOW IS AS SPECIFIED BY TABLE 1004.1.1 BUT WOULD BE UNLIKELY TO HAPPEN.		
OCCUPANCY		
A. SANCTUARY SEATING	(pews)	= 120
B. FELLOWSHIP HALL		= 89
C. GATHERING SPACE		= 60
D. RESTROOMS		= 6
E. NURSERIES		= 4
F. KITCHEN		= 2
G. MISCELLANEOUS PEOPLE IN OFFICE, OR INVOLVED IN SERVICE		= 3
TOTAL OCCUPANCY		= 284

GREATEST TOTAL OCCUPANCY = 284 - MINIMUM TOILET FACILITIES REQ'D	
142 WOMEN (W.C. PER 75 REQ) =	MINIMUM 2 WATER CLOSETS REQ'D FOR WOMEN
142 MEN (W.C. PER 150 REQ) =	MINIMUM 1 WATER CLOSET REQ'D FOR MEN
142 MEN OR WOMEN (LAVATORY PER 200 REQ) =	MINIMUM 1 LAVATORY SINK PER EACH RESTROOM
284 MEN AND WOMEN (DRINKING FOUNTAIN PER 400 REQ) =	MINIMUM 1 DRINKING FOUNTAIN

BUILDING DESIGN PROFESSIONAL'S SEAL

Figure 703.4.2
Location of
Tactile Signs
at Doors

Figure 703.4.1
Height of
Tactile
Characters
Above Finish
Floor or
Ground

CONSTRUCTION NOTES
ATTIC SHALL BE DIVIDED INTO SMOKE CONTROL SPACES NOT TO EXCEED 3200SF. EACH ATTIC SPACE SHALL HAVE AN ATTIC ACCESS NOT LESS THAN 20" X 30" WITH INSULATED SELF CLOSING DOOR.

NOTE: Building Owner will provide a separate room or designated space within or adjacent to the building for the separation, temporary storage and collection of recyclable materials that are likely to be generated by the building occupants. Flammable or combustible material storage shall comply with ch. SPS 314. Flammable or combustible liquid storage shall comply with ch. SPS 310.
NOTE: The blown-in or sprayed insulation installer shall provide identification markers that are labeled in inches or millimeters installed at least one for every 300 square feet throughout the attic space. The markers shall be affixed to the trusses or joists and marked with the minimum initial installed thickness and the minimum settled thickness with the numbers a minimum of 1" in height. Each marker shall face the attic access opening. The thickness of the installed insulation shall meet or exceed the minimum installed thickness shown on the marker.
OCCUPANCY: ASSEMBLY A-3- CONDITIONED SPACE
BUILDING IS 4,152 SF ONE STORY HEATED UNSPRINKLERED WOOD STUD FRAME BUILDING.
TYPE VB COMBUSTIBLE UNPROTECTED CLASS OF CONSTRUCTION

DESIGN LOADS		
SNOW LOAD	GROUND SNOW LOAD (Pg) =	50 PSF
	SNOW EXPOSURE FACTOR (Ce) =	1.0
	SNOW LOAD IMPORTANCE FACTOR (Iso) =	1.0
	ROOF THERMAL FACTOR (Ct) =	1.1
	FLAT ROOF SNOW LOAD =	38.5 PSF
	SLOPED ROOF / FLAT ROOF FACTOR (Ps) =	1
BALANCED SNOW LOAD =	38.5 PSF	
	UNBALANCED SNOW LOAD =	38.5 PSF
ROOF TRUSS DESIGN	TOP CHORD LIVE LOAD =	38.5 PSF
	TOP CHORD DEAD LOAD =	10 PSF
	BOTTOM CHORD DEAD LOAD =	10 PSF
WIND LOAD	90 MPH WIND, WIND EXPOSURE =	C
	WIND IMPORTANCE FACTOR (I) =	1.0
	BUILDING ENCLOSURE TYPE =	ENCLOSED
	INTERNAL PRESSURE COEFFICIENT =	±.018
	COMPONENT & CLADDING DESIGN PRESSURE =	+19.2, -20.8 PSF
SEISMIC LOAD	SEISMIC IMPORTANCE FACTOR (I _e) =	1
	SITE CLASS =	D
	SEISMIC DESIGN CATEGORY =	A
	SPECTRAL RESPONSE COEFFICIENTS: S _{ds} =	6.3%
CONCRETE REQUIREMENTS	SLAB ON GRADE COMPRESSIVE STRENGTH MINIMUM PSI @ 28 DAYS =	3500 PSI
	CONCRETE REINFORCING STEEL - F _y (ASTM A615, GRADE 60) =	60000 PSI
CONCRETE MASONRY	COMPRESSIVE STRENGTH OF CONCRETE MASONRY F _m =	1500 PSI
SOILS INFORMATION	CLASS OF MATERIALS =	4 FIRM
	ALLOWABLE SOIL BEARING PRESSURE =	2000 PSF

SHEET INDEX	
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2 OF 5	FLOOR PLAN, ROOM FINISH, WINDOW AND DOOR & LINTEL SCHEDULES
3 OF 5	FOUNDATION PLAN & DETAILS
4 OF 5	ELEVATIONS
5 OF 5	CROSS SECTIONS

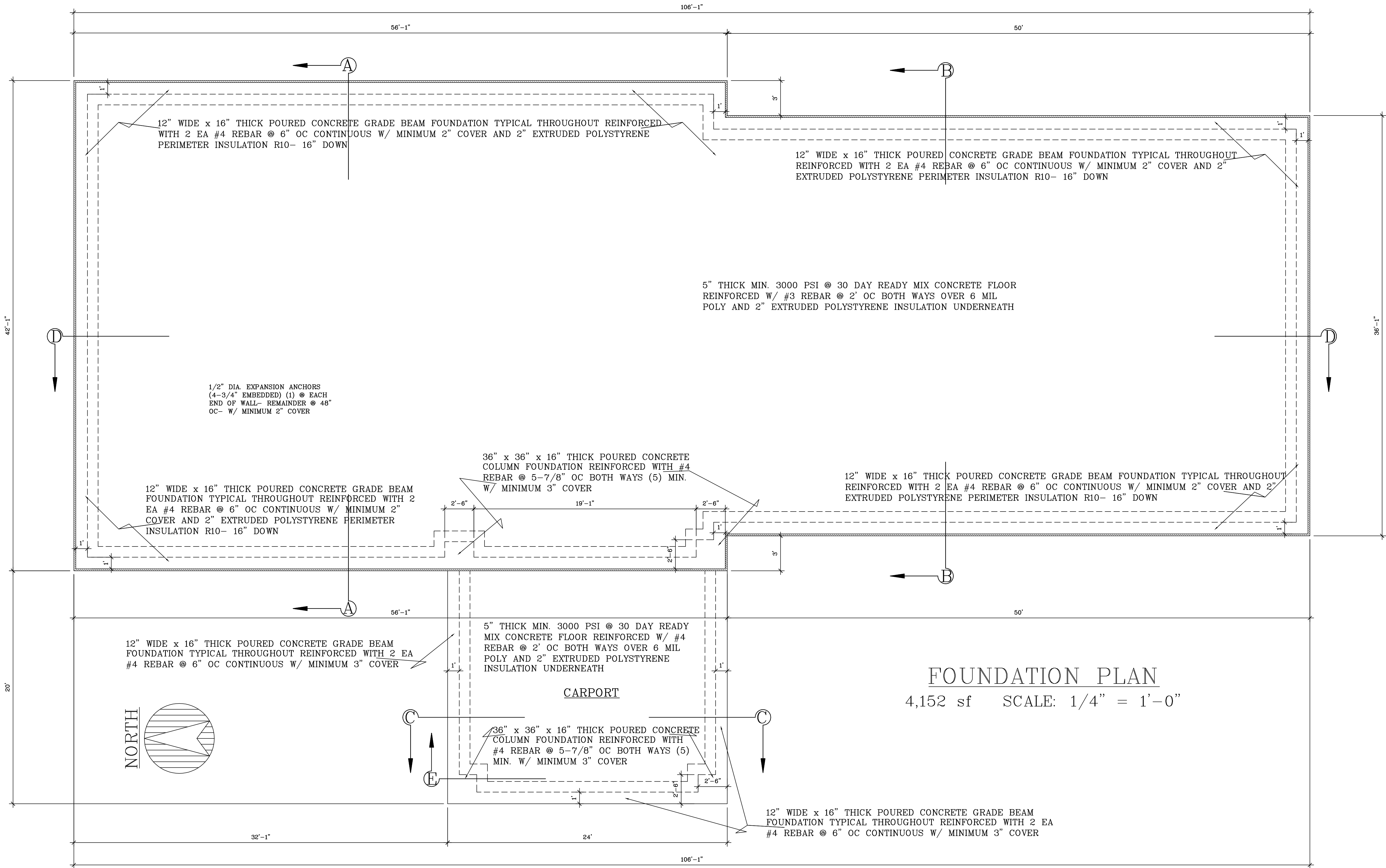
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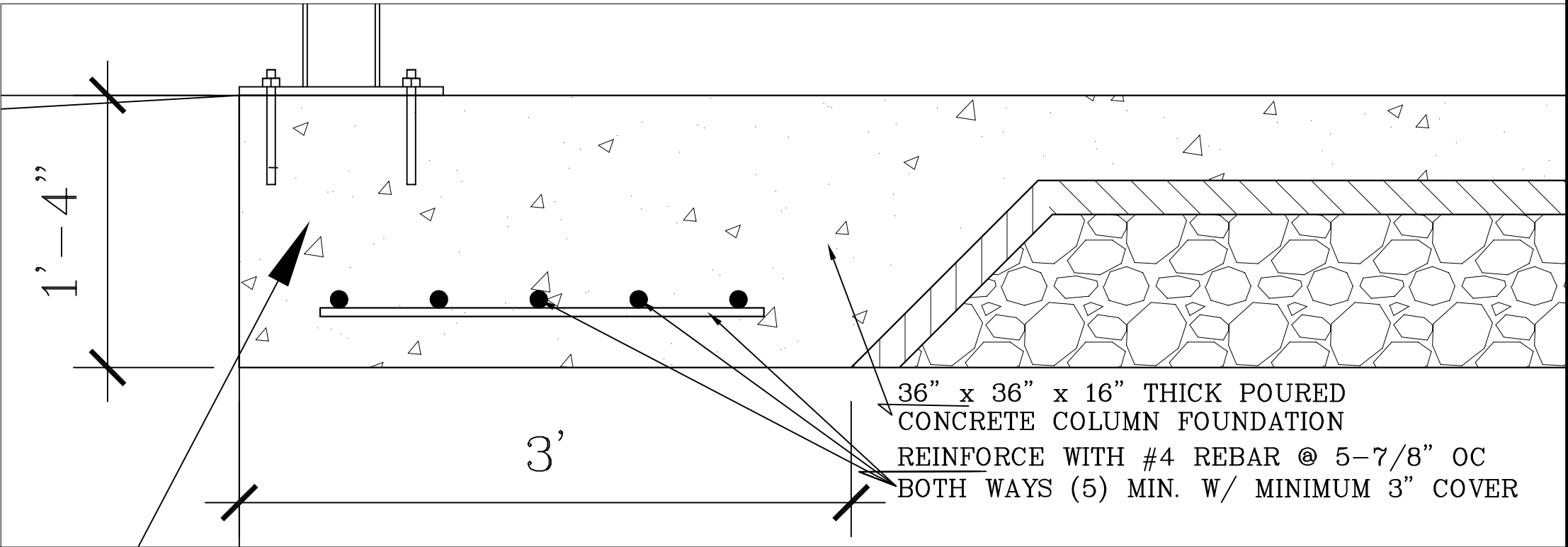
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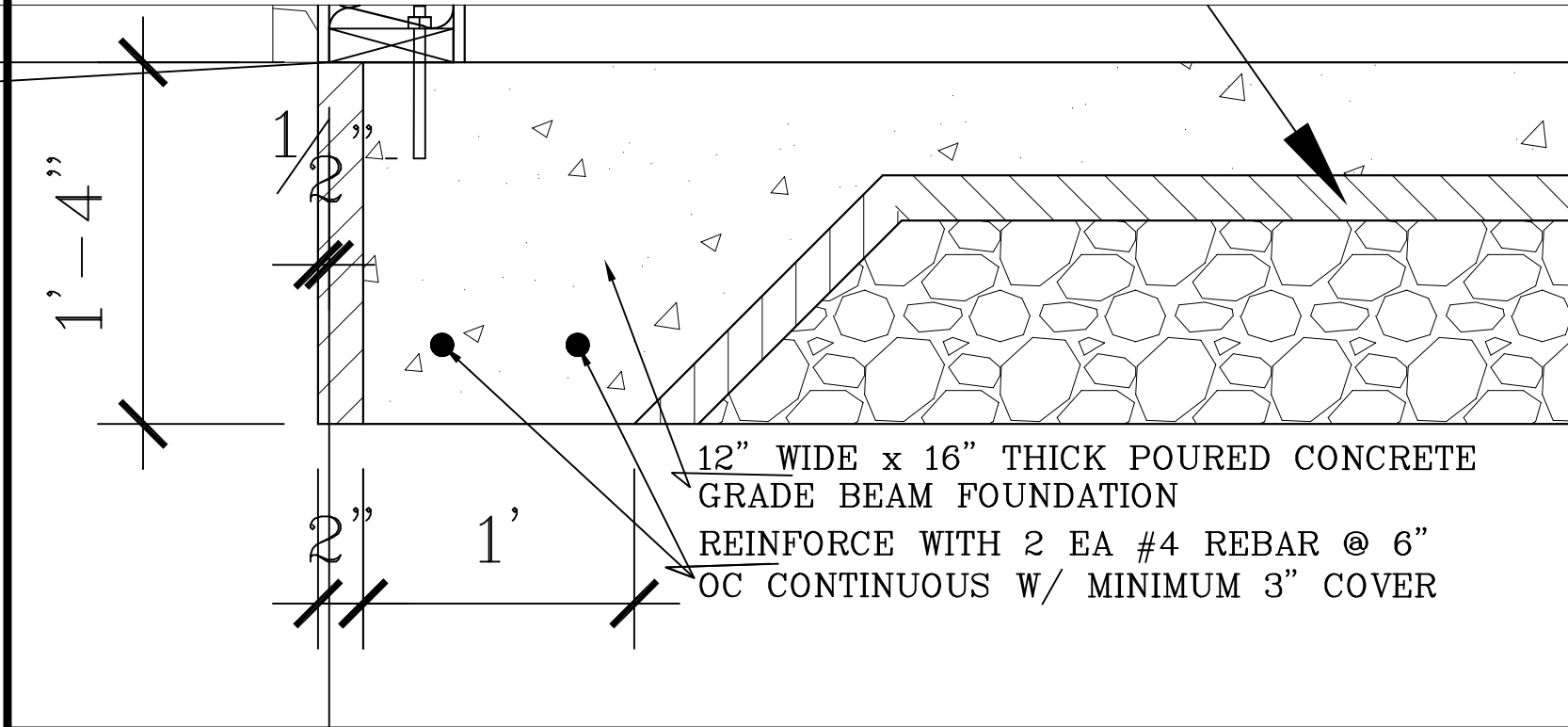


FOUNDATION PLAN
4,152 sf SCALE: 1/4" = 1'-0"

COLUMN FOUNDATION
DETAIL E
SCALE: 1-1/2" = 1'-0"



TYPICAL GRADE BEAM
CONCRETE DETAIL D
SCALE: 1-1/2" = 1'-0"



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