

ANCHOR BOLT NOTES

- 1 AB= GALV. 0.625" DIA. x 12" AB c/w 3"x3" BEARING PLATE.
 AB -SET d. BLT-FROM OUTSIDE WALL
 -2"x6" wall = 2 1/2" min SIDE COVER from OS WALL, 12" max FRM EA END
 -2"x4" wall = 1 1/2" min SIDE COVER from OS WALL, 8" max FRM EA END
 MIN. CONC. WALL EMBEDMENT = 8" min.
 MIN. PROJECTION FRM. T.O.W = 3" min.
- 2 SST-SSTB28-refer to PG A3 & MFG. SPEC CONNECTS TO HD9B
- 3 TYP. SST-ABU66Z w/ AB= GALV. 0.625" DIA. x 12" AB
- 4 3/4" WIDE x 3/4" DEEP CHAMFER CONTROL JOINT AT WALL@EA SIDE
- 5 FLOOR SLAB CONTROL JOINT
- 6 INSTALL XPS (RIGID INSUL) KNOCK OUT FOR PLUMBING VENT
 XPS SIZE= 3"x3" x FULL CURB HEIGHT OF 6" TYP.
- 7 2-1.5" PVC- PENETRATION SOIL-AIR CNTD/ SEPTIC PUMP CHAMBER CONTROLS
- 8 1.5" PVC PENETRATION AREA LIGHT ELECTRICAL FEEDER CONDUIT.
- 9 3/4"C-1#3/0 CU BOND TO CONCRETE ENCASED REBAR PER NFPA 250.52 (A) (3)
- 10 CADWELD EXOTHERMIC CONNECTION GROUND TO CONCRETE ENCASED REBAR (20' MIN LENGTH)@FOOTING
- 11 PROVIDE 2- 24"x 6" WALL PENETRATION FOR FUEL CNTD. COORD W/ PETROL CNTR. MAINTAIN MIN CONDUIT DEPTH OF 24" BELOW FINISH GRADE

LAYOUT SYMBOL DESCRIPTION

MEMBER THICKNESS (INCHES)	LAYOUT DIRECTION	MEMBER DESCRIPTION
1.5	FLOOR JOIST	F-FLOOR JOIST
1.5	C-CEILING JOIST	C-CEILING JOIST
1.5	S-STUD	S-STUD
1.5	T-TRUSS	T-TRUSS
1.5	R-RAFTER	R-RAFTER
1.5	CT-COLLAR TIE	CT-COLLAR TIE

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

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REVISIONS

NO.	DATE	BY	DESCRIPTION

PHASE:
CONSTRUCTION SET

PROJECT DETAILS

NEW BEST WAY CONVENIENCE STORE
 76 NORWICH-WESTERLY RD.
 NORTH STONINGTON, CT. 06359

PREPARED FOR:
JANNAT LLC
 P.O. BOX 126
 NORWICH, CT 06360

FILE REF:
 NATIONAL-N.C. T-5-B-M-U-NS
 BW-CS-76-NRWCH-WSTRLY-RD-N.S.-CT

DESIGN #
 06359-6089636-1

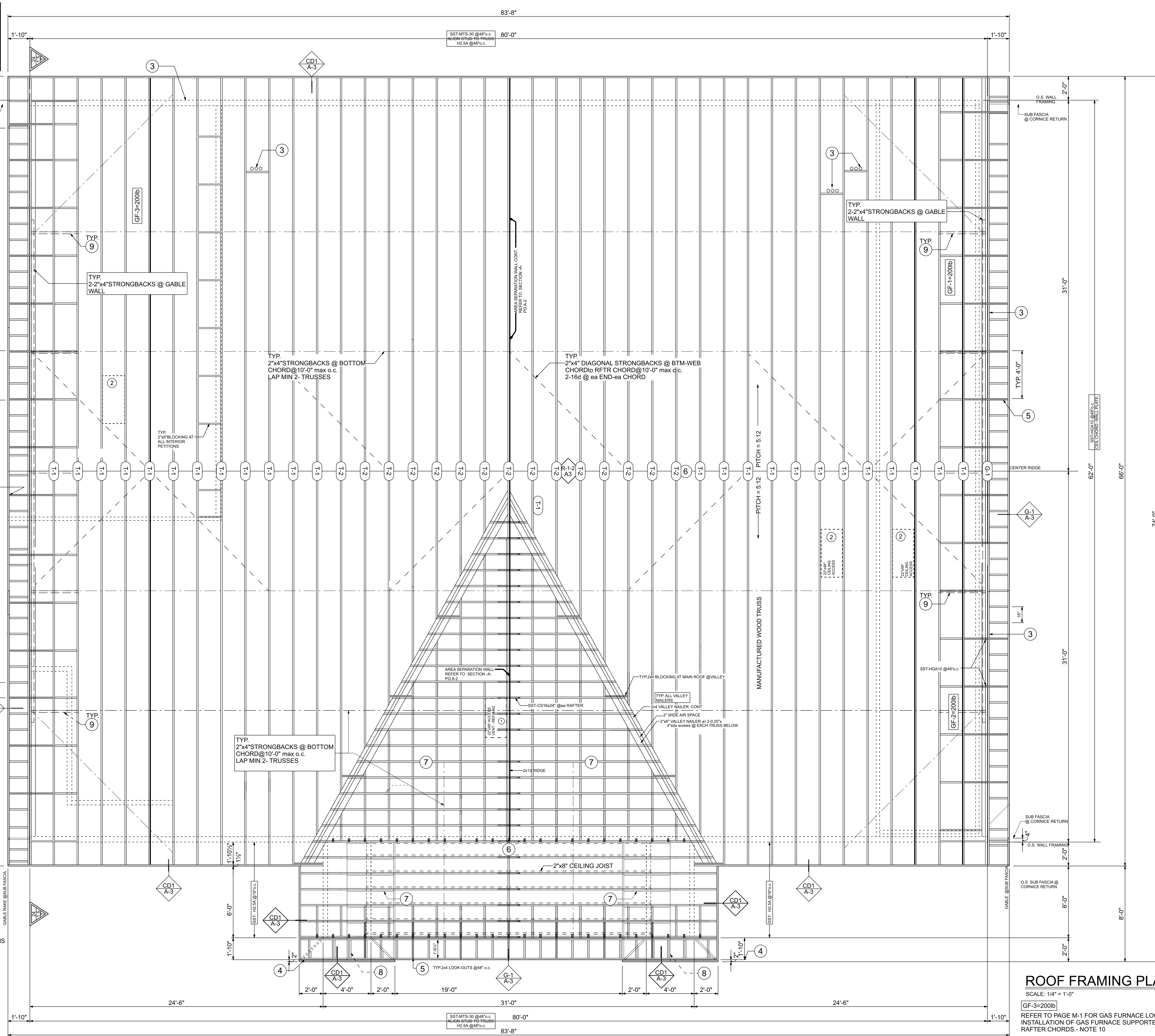
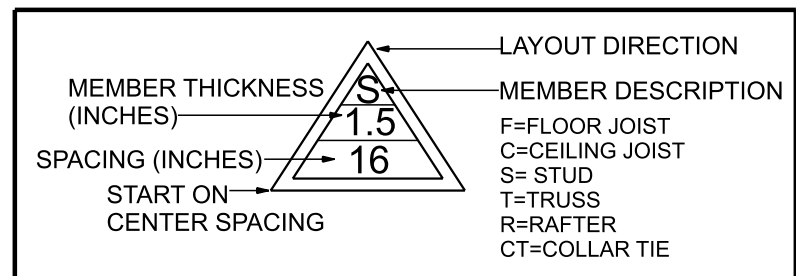
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 860-460-6388



- 1 PROVIDE 22"x48" AIR VENTILATION OPENING
- 2 22"x 48" REMOVABLE 3/8" PLYWOOD PANEL W/3-2"RIGID INSUL BTWN COORDINATE PLACEMENT TO ALLOW ACCESS TO ATTIC SPACE
- 3 HVAC DUCT- G.C.TO COORDINATE FRAMED OPENINGS WITH MECH. CONTR.
- 4 SET OUTSIDE OF RAKE SUB-FASCIA 2" FROM MAIN ROOF SUB FASCIA
- 5 TYP. ALIGN GABLE LOOKOUT BLOCKING WITH PLYWOOD SEAMS 5/8" CDX PLYWOOD nailed w/8d R.S. 4" o.c. AT PLYWOOD SEAMS AND FIELD
- 6 PROVIDE VENTILATION @ RIDGE 1/150 OF INSULATED CEILING AREA
- 7 2x8 RAFTERS@16"o.c
- 8 2x6 RAFTERS@16"o.c
- 9 2.2x4 DIAG. GABLE BRACE MAX ANGLE=60dg @ EACH CEILING STRONGBACK CONNECTION= CEILING STONG BACK TO GABLE WALL STRONGBACK FASTEND @ EA.END w/ 3-1/4"x 4" STRUCTURAL SCREW

ROOF FRAMING PLAN
 SCALE: 1/4" = 1'-0"
 GF-3=200lb
 REFER TO PAGE M-1 FOR GAS FURNACE LOCATION
 INSTALLATION OF GAS FURNACE SUPPORTED BY
 RAFTER CHORDS - NOTE 10

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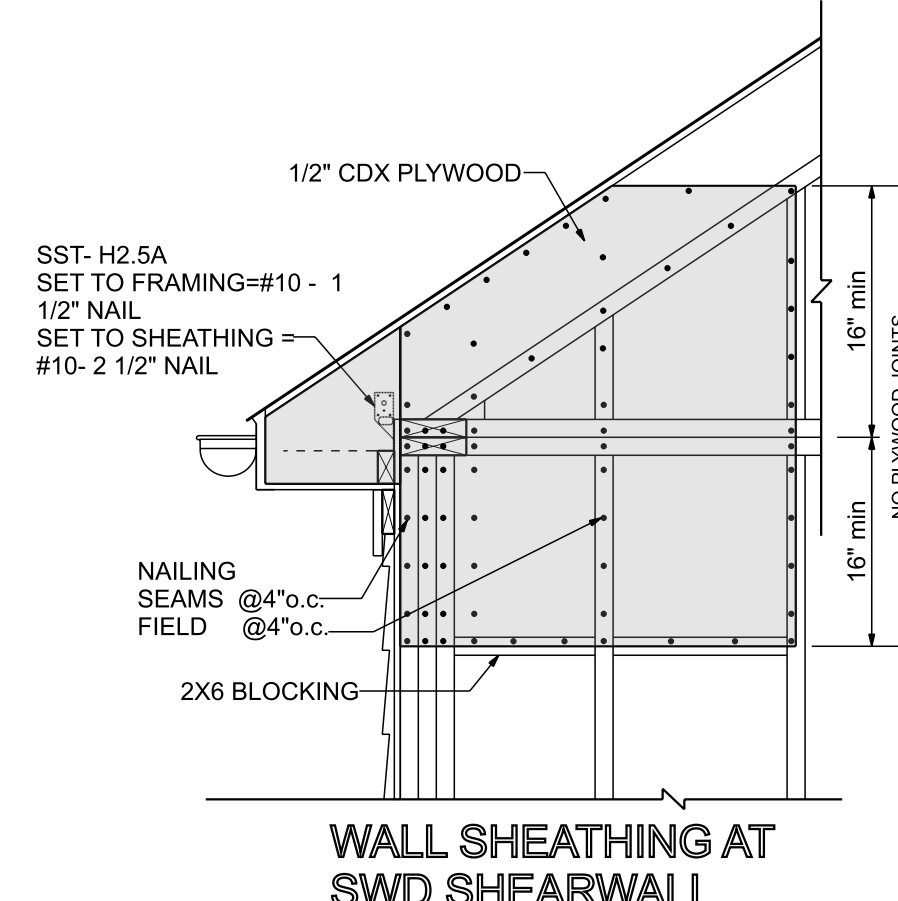
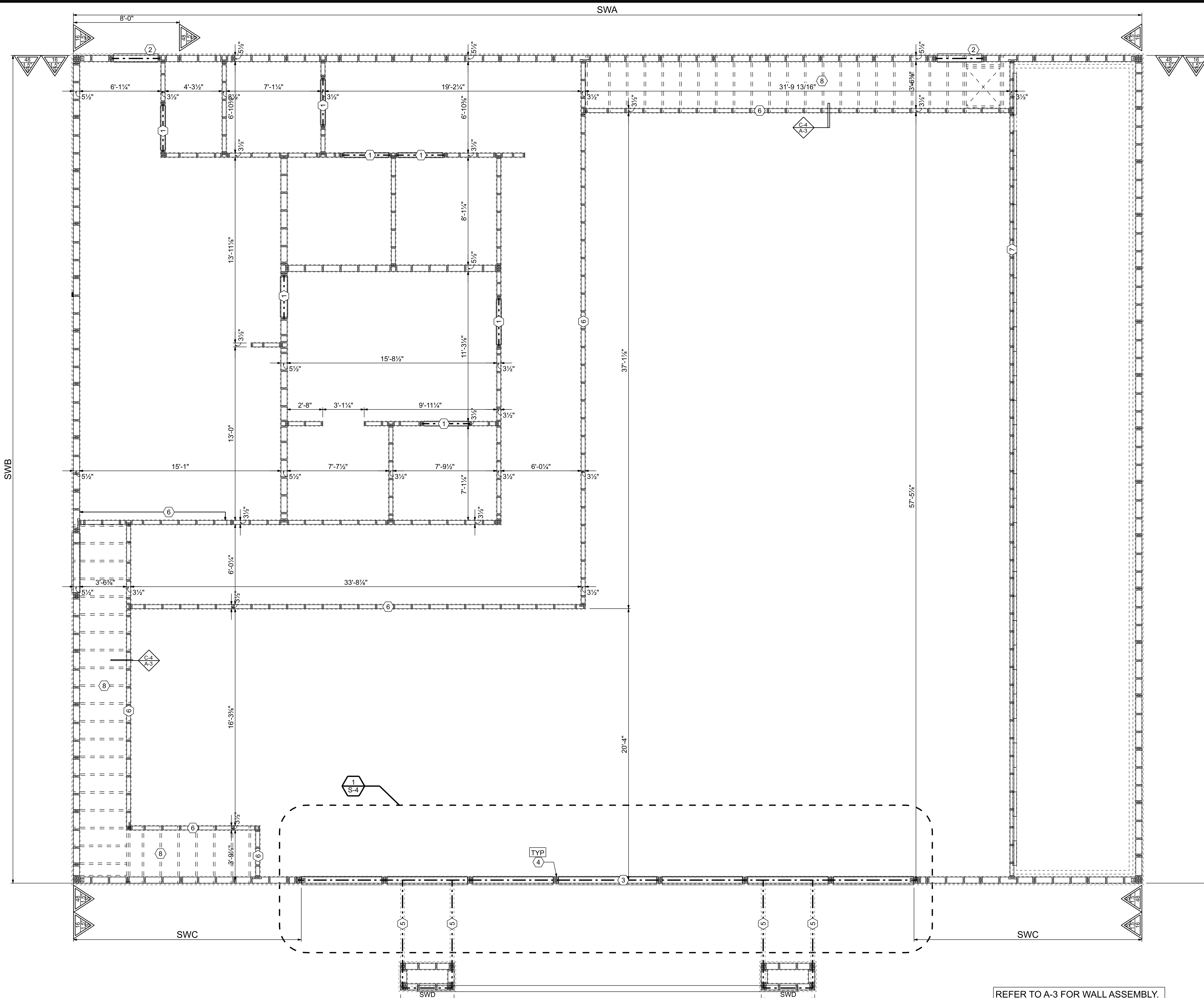
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- PLAN NOTES**
- 1 HEADER= 2-2x4
KING= 2-2x4
JACK= 1-2x4@ea end
 - 2 HEADER= 3-2x8 w/3/8" Plywood
KING= 2-2x6
JACK= 1-2x6@ea end
 - 3 3-PLY 1-3/4"x9.5" FB=3100 lb
BUILT UP WOOD BEAM
 - 4 3-2x6 D.F. BUILT UP WOOD POST NAILED
w/ 2-16d @8"o.c. 2@EA.END
 - 5 2-PLY 10"LV. BUILT-UP WOOD BEAM
 - 6 TOP OF WALL @ 12'-0" AFF.
BTM OF WALL AT 8'-0" AFF.
 - 7 TOP OF WALL @ 12'-0" AFF.
BTM OF WALL AT TOP OF COOLER
WALL
 - 8 2x4 D.F. CEILING JOIST @ 16" o.c.

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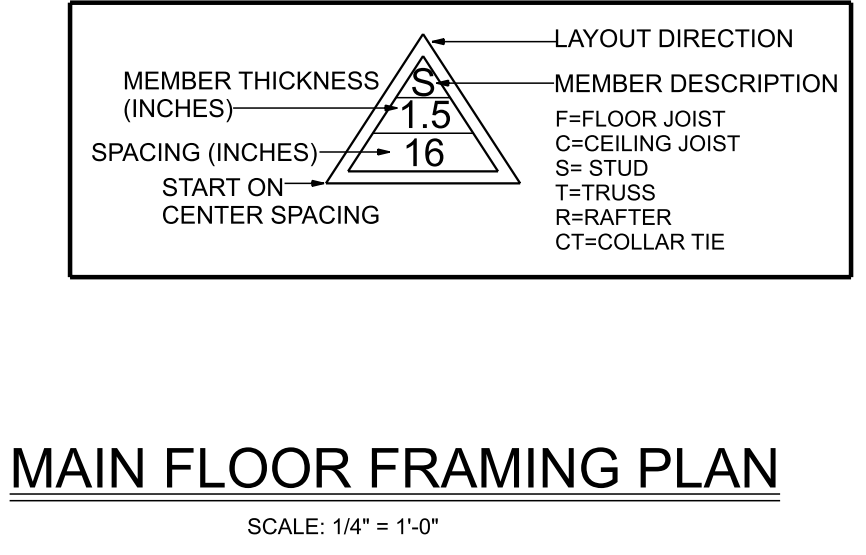
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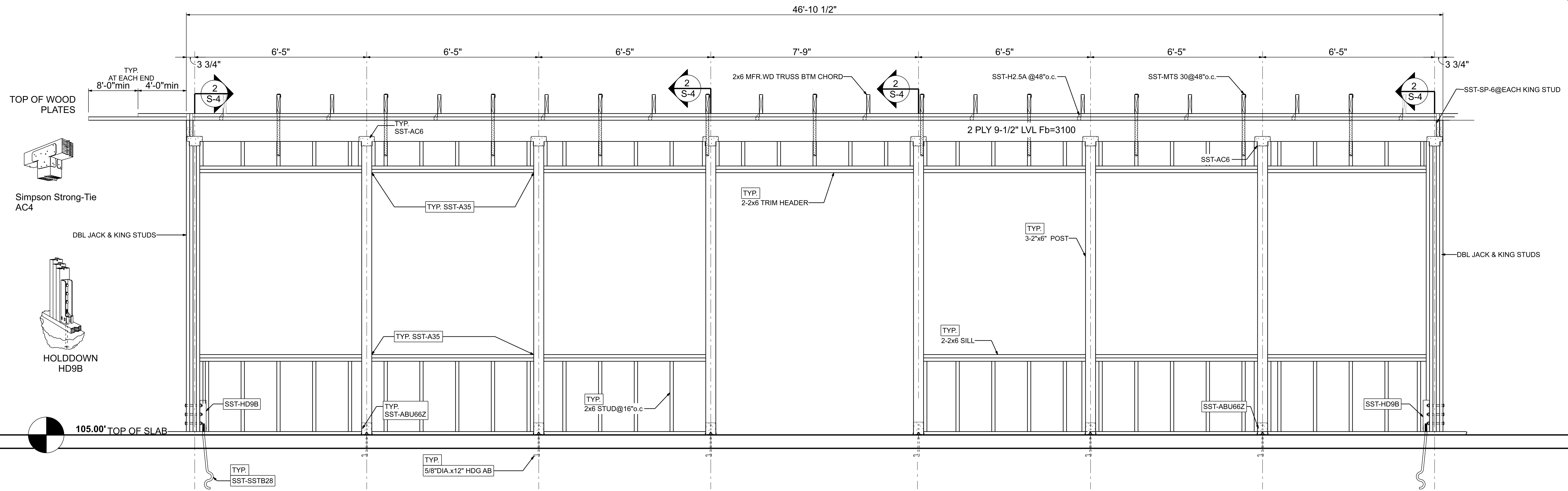
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SHEAR WALL SCHEDULE			
LOCATION	SWA	SWB	SWC
FOUNDATION TO BRACED PANEL HOLD-DOWN	SST- SSB 28 0.865" diam @min12" FROM O.S. CORNER	SST- SSB 28 0.865" diam @SWA min12" FROM O.S. CORNER	SST- SSB 28 0.865" diam @ min 12" FROM O.S. CORNER
SOLE PLATE TO FOUNDATION WALL	0.625" x12 AB CW 3"x3" BEARING PLATE@48"o.c	0.625" x12 AB CW 3"x3" BEARING PLATE@48"o.c	0.625" x12 AB CW 3"x3" BEARING PLATE@MIN-2
STUD TO SOLE PLATE	OVERLAP PLYWD @SOLE PLATE NAIL w 8d @ 3'o.c w/ Min DISTANCE TO HORIZ SEAM=16"	OVERLAP PLYWD @SOLE PLATE NAIL w 8d @ 3'o.c w/ Min DISTANCE TO HORIZ SEAM=16"	OVERLAP PLYWD @SOLE PLATE NAIL w 8d @ 2'o.c w/ Min DISTANCE TO HORIZ SEAM=16"
STUD WALL	2"x6" @ 16"o.c. DOUBLE 2"x6" @48"o.c. w/min 4-2x6 FULL HT. STD @CORNER	2"x6" @ 16"o.c. DOUBLE 2"x6" @48"o.c. w/min 4-2x6 FULL HT. STD @CORNER	2"x6" @ 16"o.c. DOUBLE 2"x6" @48"o.c. w/min 4-2x6 FULL HT. STD @CORNER
OPENING CRIPPLE STUD TO SILL/HEADER	SST-A35 @ 48"o.c.	SST-A35 @ 32"o.c.	-
OPENING JACK STUD TO SOLE PLATE	SST-H1.5 @JACKING w/ 5/8" x12" AB Min EMBED =8"	SST-OSP @ JACKING	-
OPENING JACK STUD TO HEADER	AT EXTERIOR- SST-CS 16 nailed n7#10 1-1/2" @ JACK and 7 @HEADER EXTEND STRAP CONT. w/ MIN 16" WRAP WALL PLATE AND DOWN INTERIOR SIDE OF JK	AT EXTERIOR- SST-CS 16 nailed n7#10 1-1/2" @ JACK and 7 @HEADER EXTEND STRAP CONT. w/ MIN 16" WRAP WALL PLATE AND DOWN INTERIOR SIDE OF JK	-
STUD TO TOP PLATE CONNECTION	SST- MTS30 @48"o.c. STUD TO TRUSS	SST-CS 16, nailed n7#10 1-1/2" @ 48" o.c	SST- MTS30 @48"o.c. STUD TO TRUSS 1-SST-SP-6@EACH KING STUD
TOP (BEARING) PLATE TO ROOF TRUSS/RAFTER	SST-MTS30 @48"o.c. STUD TO TRUSS w/ H2.5a @ 48"o.c.	SST-HGA-10 @48"o.c. @GABLES	SST-MTS30 @48"o.c. STUD TO TRUSS w/ H2.5a @ 48"o.c.
ROOF DIAPHRAGM CONNECTION TO TOP PLATE	LSA-16 12"O.C. ZONE1	-	LSA-16 12"O.C. ZONE1
SHEATHING	1/2"OSB SHEATHING HORIZONTAL BLOCKING @48" o.c. and ALL PNL SEAM	1/2"OSB SHEATHING HORIZONTAL BLOCKING @48" o.c. and ALL PNL SEAM	1/2"OSB SHEATHING HORIZONTAL BLOCKING @48" o.c. and ALL PNL SEAM
SHEATHING ATTACHMENT	PANEL EDGE=8d @ 6"o.c. PANEL FIELD= 8"o.c	PANEL EDGE=8d @ 6"o.c. PANEL FIELD= 8"o.c	PANEL EDGE=8d @ 4"o.c. PANEL FIELD= 4"o.c
GABLE TRUSS TO TOP PLATE	-	SST-HGA-10 @48"o.c.	DETAIL AT SWD THIS PAGE
HOLD-DOWN	SST-HDB9 @max 12"FRM END OF SHEAR WALL	SST-HDB9 @max 12"FRM END OF SHEAR WALL	SST-HDB9 @max 12"FRM END OF SHEAR WALL
BLOCKING/PANEL SEAM CONNECTION	CONTINUOUS 2"x4 BLOCKINGS nailed 2-16d@ea end	CONTINUOUS 2x6 HORIZ BLOCKING CONT @4"o.c. nailed 2-16d@ea end	CONTINUOUS 2x6 HORIZ BLOCKING CONT @4"o.c. nailed 2-16d@ea end



MAIN FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"

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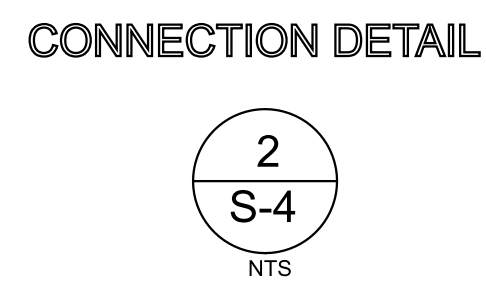
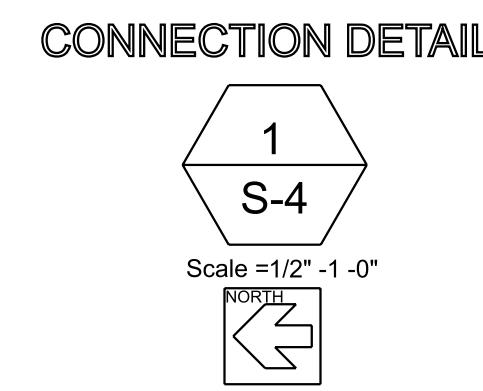
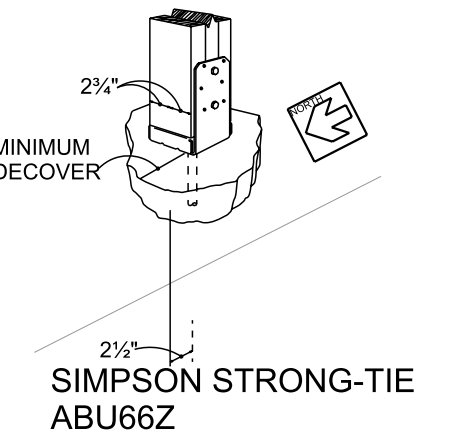
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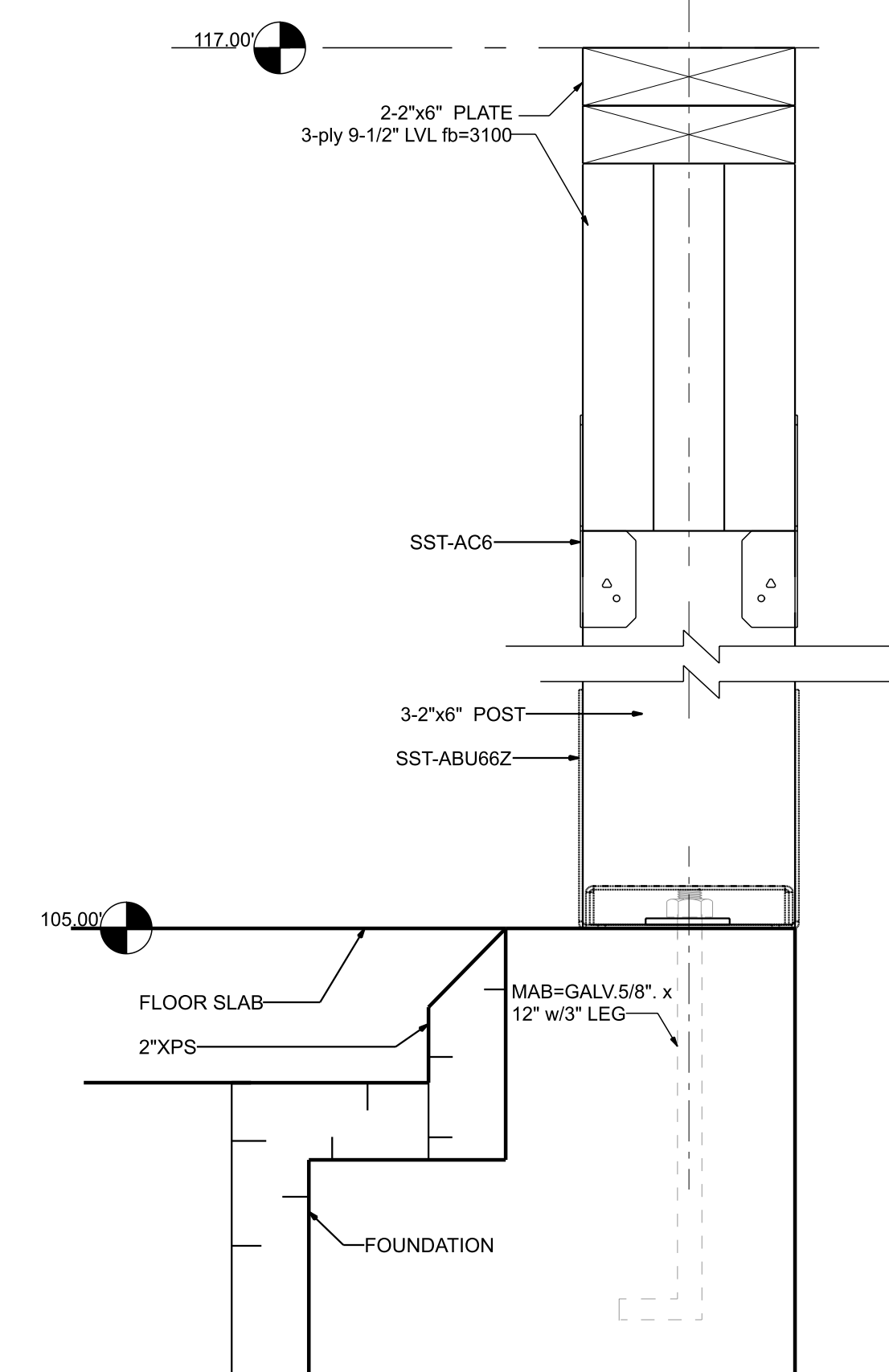
FASTENING SCHEDULE

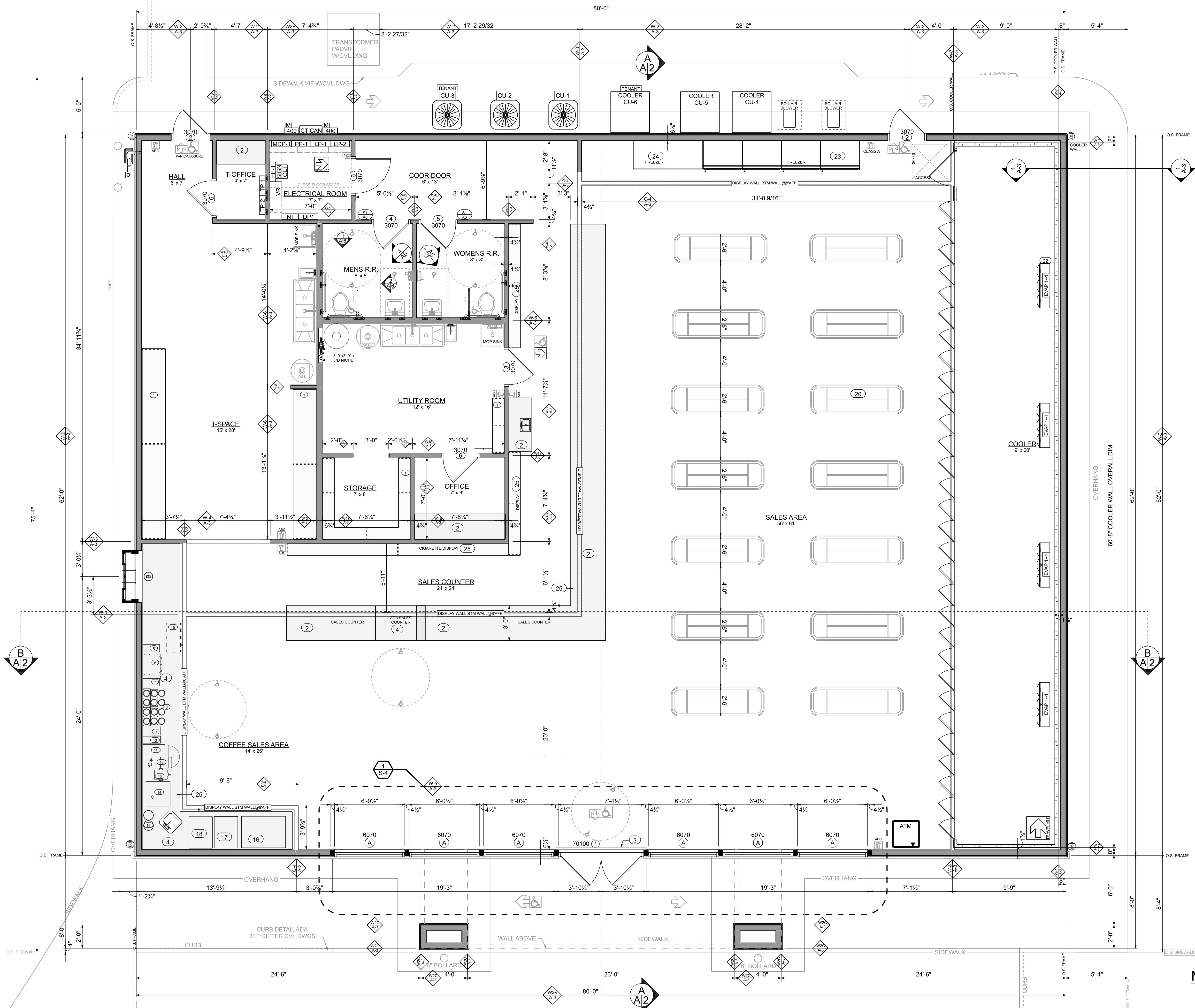
(SEE NOTES A + M FOR ALL FASTENING NOTES)

CONNECTION	FASTENING	LOCATION	NOTES	CONNECTION	FASTENING	LOCATION	NOTES
JOIST TO SILL OR GIRDER	3 - 8d COMMON 3 - 3"x0.125" NAIL 3 - 3" 14 GAGE STAPLE	TOENAIL		RAFTER TO PLATE (SEE SECT. 2308.7.5, TABLE 2308.7.5)	3 - 10d COMMON 3 - 3"x0.125" NAIL 4 - 3" 14 GAGE STAPLE	TOENAIL	
BRIDGING TO JOIST	3 - 8d COMMON 3 - 3"x0.125" NAIL 3 - 3" 14 GAGE STAPLE	TOENAIL EACH END		1" DIAGONAL BRACE TO EACH STUD & PLATE	2 - 8d COMMON 2 - 3"x0.125" NAIL 2 - 3" 14 GAGE STAPLE	FACE NAIL	
SOLE PLATE TO JOIST OR BLOCKING	16d @ 16" OC 3"x0.125" NAIL @ 8" OC 3" 14 GAGE STAPLE @ 12" OC	TYPICAL FACE NAIL		BUILT-UP CORNER STUDS	16d COMMON 3"x0.125" NAIL 3" 14 GAGE STAPLE	2x4-2x6 2-1/2" OC 3-1/2" OC 2-1/2" OC	2x6 < 2-1/2" OC 3-1/2" OC 2-1/2" OC
SOLE PLATE TO JOIST OR BLOCKING AT BRACED WALL PANEL	16d @ 16" OC 3"x0.125" NAIL @ 16" OC 3" 14 GAGE STAPLE @ 12" OC	BRACED WALL PANEL		BUILT-UP GIRDER & BEAMS	2x4 COMMON 24" OC 3"x0.125" NAIL @ 12" OC 3" 14 GAGE STAPLE @ 12" OC	FACE NAIL AT TOP & BOTTOM STAGGERED ON OPPOSITE SIDES	20d@24" OC 16d@16" OC 10d@12" OC
TOP PLATE TO STUD	2 - 16d COMMON 3 - 3"x0.125" NAIL 3 - 3" 14 GAGE STAPLE	END NAIL		BUILT-UP GIRDER & BEAMS	2 - 20d COMMON 3 - 3"x0.125" NAIL 3 - 3" 14 GAGE STAPLE	FACE NAIL MIN 2 NAILS @ EA ENDS AND AT EACH SPLICE	20d@24" OC 16d@16" OC 10d@12" OC
STUD TO SOLE PLATE	4 - 8d COMMON 4 - 3"x0.125" NAIL 3 - 3" 14 GAGE STAPLE	TOE NAIL		COLLAR TIE TO RAFTER	4 - 10d COMMON 5 - 3"x0.131" NAIL 4 - 3" 14 GAGE STAPLE	FACE NAIL	
DOUBLE STUDS	3"x0.125" NAIL @ 8" OC 3" 14 GAGE STAPLE @ 8" OC	FACE NAIL		JACK RAFTERS TO HIP	4 - 3"x0.131" NAIL 4 - 3" 14 GAGE STAPLE	TOE NAIL	
DOUBLE TOP PLATES	16d @ 16" OC 3"x0.125" NAIL @ 12" OC 3" 14 GAGE STAPLE @ 12" OC	TYPICAL FACE NAIL		JACK RAFTERS TO HIP	3 - 16d COMMON 3 - 3"x0.125" NAIL 3 - 3" 14 GAGE STAPLE	FACE NAIL	
DOUBLE TOP PLATES	5 - 16d COMMON 12 - 3"x0.125" NAIL 12 - 3" 14 GAGE STAPLE TYP. FACE NAIL	LAP SPLICE		ROOF RAFTER TO 2-BY RIDGE BEAM	3 - 16d COMMON 4 - 3"x0.125" NAIL 4 - 3" 14 GAGE STAPLE	TOENAIL	
BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE	3 - 8d COMMON 3 - 3"x0.125" NAIL 3 - 3" 14 GAGE STAPLE	TOE NAIL		ROOF RAFTER TO 2-BY RIDGE BEAM	2 - 16d COMMON 3 - 3"x0.125" NAIL 3 - 3" 14 GAGE STAPLE	FACE NAIL	
RIM JOIST TO TOP PLATE	8d @ 8" OC 3"x0.131" NAIL @ 8" OC 3" 14 GAGE STAPLE @ 8" OC	TOE NAIL		JOIST TO BAND JOIST	3 - 16d COMMON 5 - 3"x0.125" NAIL 5 - 3" 14 GAGE STAPLE	FACE NAIL	
TOP PLATES, LAPS AND INTERSECTIONS	2 - 16d COMMON 3 - 3"x0.125" NAIL 3 - 3" 14 GAGE STAPLE	FACE NAIL		LEDGER STRIP	3 - 16d COMMON 4 - 3"x0.125" NAIL 4 - 3" 14 GAGE STAPLE	FACE NAIL	
CONTINUOUS HEADE, 2 PCS.	16d COMMON	16" OC ALONG EDGE		WOOD STRUCTURAL PANELS & PARTICLE BOARD	8d 2-3/8"x0.125" NAIL 1-3/4" 15 GAGE	SEE NOTE: C, J SEE NOTE: N SEE NOTE: D	
CEILING JOISTS TO PLATE	3 - 8d COMMON 5 - 3"x0.125" NAIL 5 - 3" 14 GAGE STAPLE	TOE NAIL		WOOD STRUCTURAL PANELS & PARTICLE BOARD	8d 2-3/8"x0.125" NAIL 2" 16 GAGE	8d, SEE NOTE: D, 8d, SEE NOTE C SEE NOTE: N SEE NOTE: P	
CONTINUOUS HEADER TO STUD	4 - 8d COMMON	TOENAIL	COMMON NAIL - REF TO TABLE 2308.7.3.1	SINGLE FLOOR (COMBINATION SUBFLOOR-UNDERLAYMENT TO FRAMING)	8d	SEE NOTE: C	
CEILING JOISTS, LAPS OVER PARTITIONS (SEE SECT. 2308.10.4.1, TABLE 2308.10.4.1)	3 - 16d COMMON MIN. 4 - 3"x0.125" NAIL 4 - 3" 14 GAGE STAPLE	FACE NAIL	COMMON NAIL - REF TO TABLE 2308.7.3.1	WOOD STRUCTURAL PANELS & PARTICLE BOARD	8d	SEE NOTE: F	
CEILING JOISTS TO PARALLEL RAFTERS (SEE SECT. 2308.7.3.1, TABLE 2308.7.3.1)	3 - 16d COMMON MINIMUM 4 - 3"x0.125" NAIL 4 - 3" 14 GAGE STAPLE	FACE NAIL	COMMON NAIL - REF TO TABLE 2308.7.3.1	PANEL SIDING (TO FRAMING)	5/8"	SEE NOTE: F	

LETTER: A COMMON BOX NAILS ARE PERMITTED TO BE USED EXCEPT WHERE OTHERWISE INDICATED
 B SPANS ARE 48 INCHES OR MORE. FOR NAILING OF WOOD STRUCTURAL PANEL AND PARTICLEBOARD DIAGRAMS AND SHEAR WALLS, REFER TO S3. NAILS FOR WALL SHEATHING ARE PERMITTED TO BE COMMON, BOX OR CASING
 C COMMON OR DEFORMED SHANK
 D COMMON
 E DEFORMED SHANK
 F CORROSION-RESISTANT SIDING OR CASING NAIL
 G FASTNERS SPACED 3 INCHES OC AT EXTERIOR EDGES AND 6 INCHES OC AT INTERMEDIATE SUPPORTS
 H CORROSION-RESISTANT HDG ROOFING NAILS w/ 7/16 INCH DIA. HEAD & 1-1/2 INCH LENGTH FOR 12 INCH SHEATHING & 1-3/4 INCH LENGTH FOR 25/32 INCH SHEATHING

LETTER: I CORROSION-RESISTANT STAPLES WITH NOMINAL 7/16 INCH CROWN AND 1-1/8 INCH LENGTH FOR 1/2 INCH SHEATHING AND 1-1/2 INCH LENGTH FOR 25/32 INCH SHEATHING. PANEL SUPPORTS AT 18 INCHES (2) INCHES IF STRENGTH AXIS IN THE LONG DIRECTION OF THE PANEL, UNLESS OTHERWISE MARKED)
 J CASING OR FINISH NAILS SPACED 6 INCHES ON PANEL EDGES, 12 INCHES AT INTERMEDIATE SUPPORTS.
 K PANEL SUPPORTS AT 24 INCHES. CASING OR FINISH NAILS SPACED 6 INCHES ON PANEL EDGES, 12 INCHES AT INTERMEDIATE SUPPORTS.
 L FOR ROOF SHEATHING APPLICATIONS, 8d NAILS ARE MINIMUM REQUIRED FOR WOOD STRUCTURAL PANELS
 M STAPLES SHALL HAVE A MINIMUM CROWN WIDTH OF 7/16 INCH
 N FOR ROOF SHEATHING APPLICATIONS, FASTNERS SPACED 4 INCHES ON CENTER AT EDGES, 8 INCHES AT INTERMEDIATE SUPPORTS.
 O FASTNERS SPACED 4 INCHES OC AT EDGES, 8 INCHES AT INTERMEDIATE SUPPORTS FOR SUBFLOOR AND WALL SHEATHING AND 3 INCHES OC AT EDGES, 8 INCHES AT INTERMEDIATE SUPPORTS FOR ROOF SHEATHING.
 P FASTNERS SPACED 4 INCHES OC AT EDGES, 8 INCHES AT INTERMEDIATE





EQUIPMENT SCHEDULE

- 1 WALL MOUNTED NSF RATED STAINLESS SHELVING SHELVES@ 18"36"54", 72"90",108"AFF= 6 TOTAL
- 2 TYP. SOLID SURFACE COUNTER -TOP @ 42"A.F.F
- 3 AIR CURTAIN v=6.56 feet per second (2 m/s) AT FLOOR TEST= ANSIAMCA 220 BOTTOM@98 AFF
- 4 TYP. SOLID SURFACE COUNTER -TOP @ 34"A.F.F
- 5 HOT WATER DISPENSER
- 6 FETCO COFFE BREWER 2054
- 7 CUP DISPENSER
- 8 CARAFE STAND
- 9 MULTI-PORT SWEETENER DISPENSER
- 10 MILK/ CREAM DISPENSER
- 11 FLAVOR SHOT MACHINE
- 12 MULTI-PORT CAPPACINO MACHINE
- 13 ICED COFFEE DISPENSER
- 14 FROZEN BEVERAGE DISPENSER
- 15 MICROWAVE
- 16 FREAL MACHINE-AND FREEZER
- 17 ICE CUBER
- 18 SOFT DRINK DISPENSER
- 19 BIB RACK/CO 2 TANKS
- 20 30"X96" STEEL GONDOLA SHELVING
- 21 16g TYPE 304 STAINLESS STEEL WORK SURFACE NSF-RATED 34" AFF
- 22 EVAPORATOR COIL FAN UNIT
- 23 TURBO AIR REACH IN COMMERCIAL DISPLAY FREEZER 5-W 86"X85"X36D
- 24 TURBO AIR REACH IN COMMERCIAL DISPLAY FREEZER
- 25 FORMICA MR -M2 EDGEBANDED CASEWORK CABINETRY

SYMBOL SCHEDULE

- CLASS B 20B PROVIDE 2-20 B PORTABLE FIRE EXTINGUISHER **WITHIN 10'OF PUMPS
- ABC CLASSIFICATION PORTABLE FIRE EXTINGUISHER
- ACCESSIBLE
- TRAVEL DISTANCE
- EXIT
- EXIT ACCESS
- EXIT DISCHARGE
- STAIR

MAIN FLOOR PLAN
SCALE: 1/4" = 1'-0"

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REVISIONS

NO.	DATE	BY	DESCRIPTION

PHASE:
CONSTRUCTION SET

PROJECT DETAILS

NEW BEST WAY CONVENIENCE STORE
76 NORWICH-WESTERLY RD.
NORTH STONINGTON ,CT. 06359

PREPARED FOR:
JANNAT LLC
P.O.BOX 126
NORWICH,CT 06360

FILE REF:
NATIONAL-N.C. T-5-B-M-U-NS
BW-CS-76-NRWCH-WSTRLY-RD-N.S.-CT

DESIGN # 06359-6089636-1	PAGE A1
CODE REF: 2018 IBC	
DRAWN BY WWC	PAGE A1
DESIGN DATE 02-02-21	

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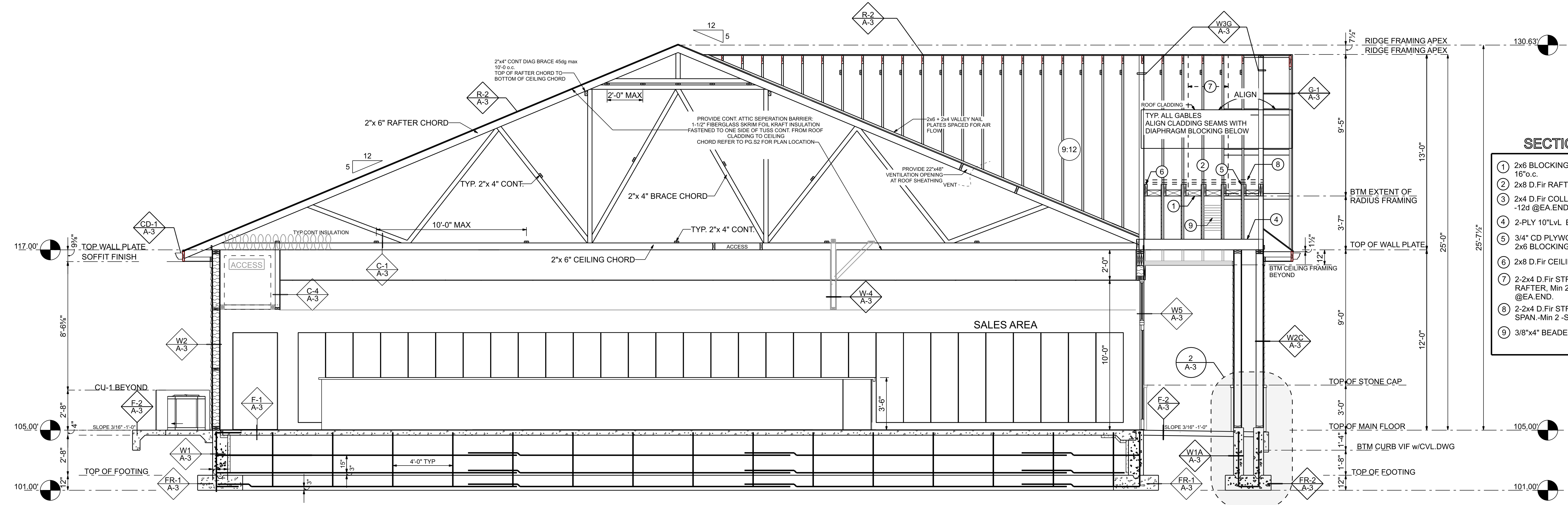
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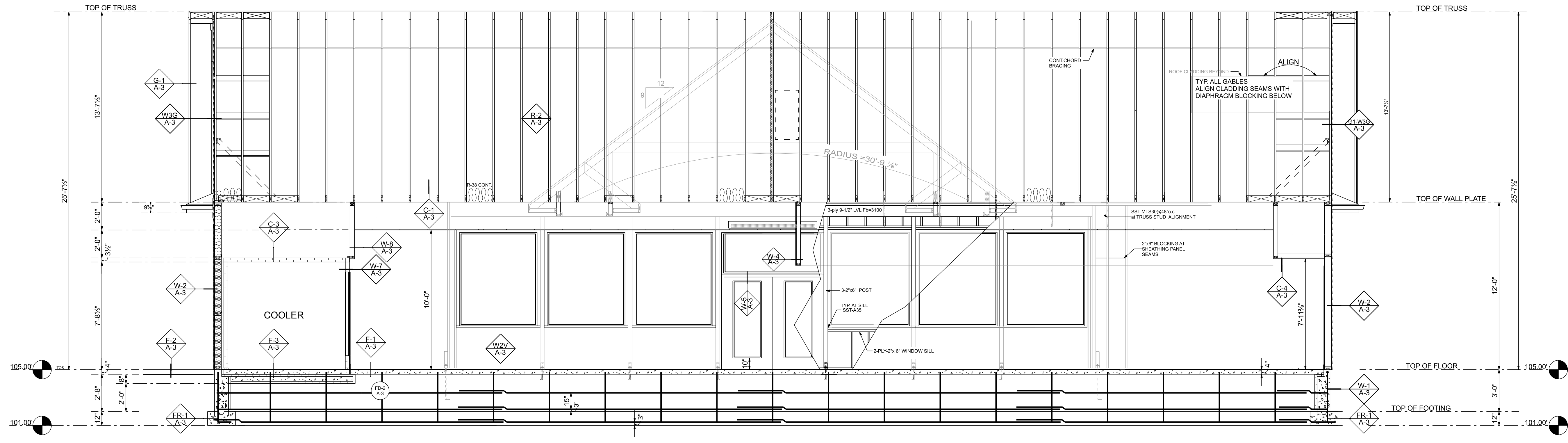
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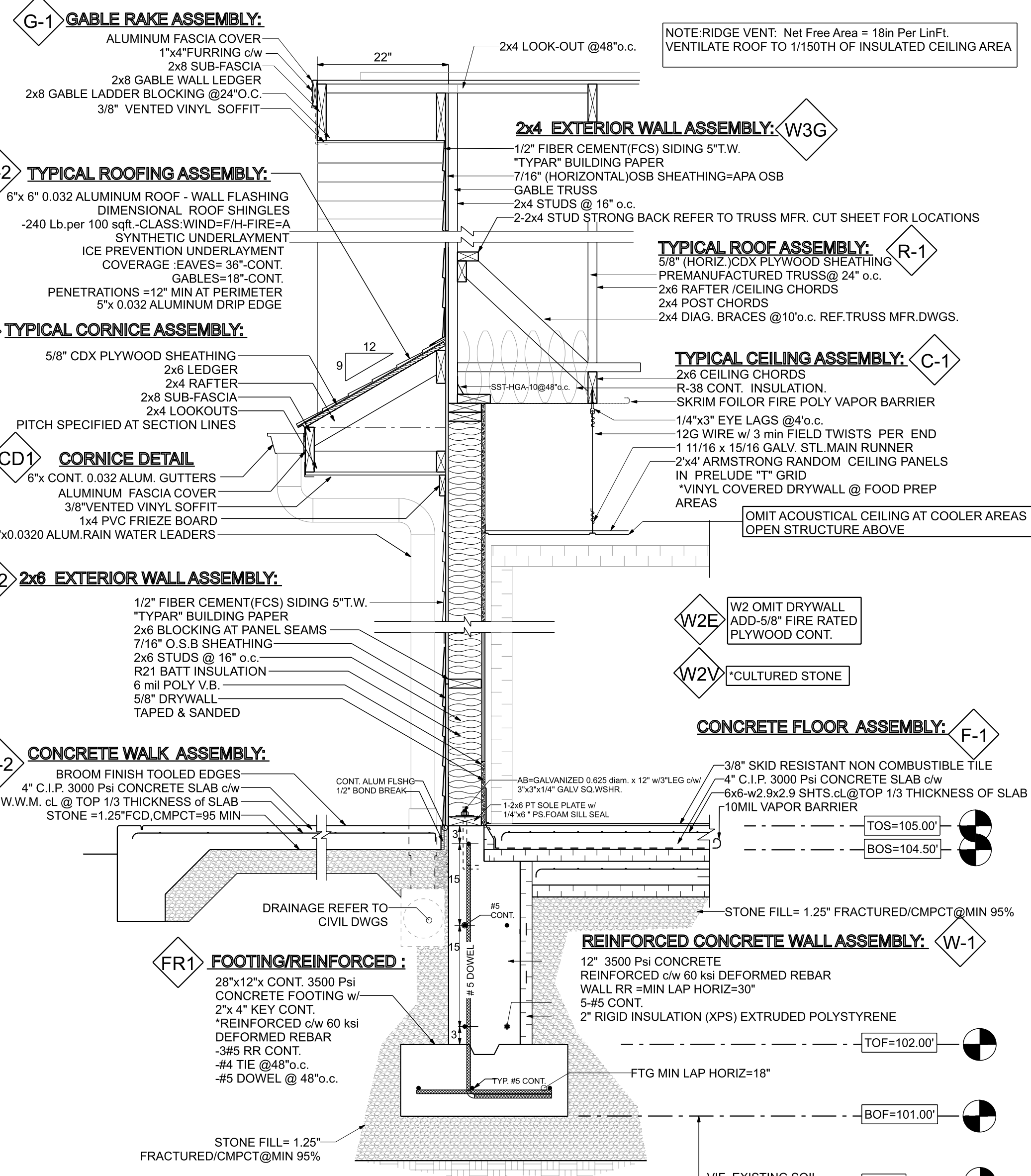


CROSS SECTION A
 SCALE: 1/4" = 1'-0"

- SECTION NOTES**
- 2x6 BLOCKING AT RADIUS PANEL @ 16" o.c.
 - 2x8 D.Fir RAFTER @ 16" o.c.
 - 2x4 D.Fir COLLAR TIE @ 16" o.c.-Min 6'-12" @EA.END.
 - 2-PLY 10" LVL BUILT-UP WOOD BEAM
 - 3/4" CD PLYWOOD RADIUS CUT c/w 2x6 BLOCKING
 - 2x8 D.Fir CEILING JOIST @ 16" o.c.
 - 2-2x4 D.Fir STRUT, STRONGBACK - RAFTER, Min 2'-SDS 1/4"x 3.5 @EA.END.
 - 2-2x4 D.Fir STRONGBACK @ 2/3 SPAN-Min 2'-SDS 1/4"x 3.5 @EA.END.
 - 3/8"x4" BEADED T&G PVC SOFFIT



CROSS SECTION B
 SCALE: 1/4" = 1'-0"



NOTE: RIDGE VENT. Net Free Area = 18in Per Lin Ft.
VENTILATE ROOF TO 1/150TH OF INSULATED CEILING AREA

2x4 EXTERIOR WALL ASSEMBLY: W3G

TYPICAL ROOF ASSEMBLY: R-1

TYPICAL CEILING ASSEMBLY: C-1

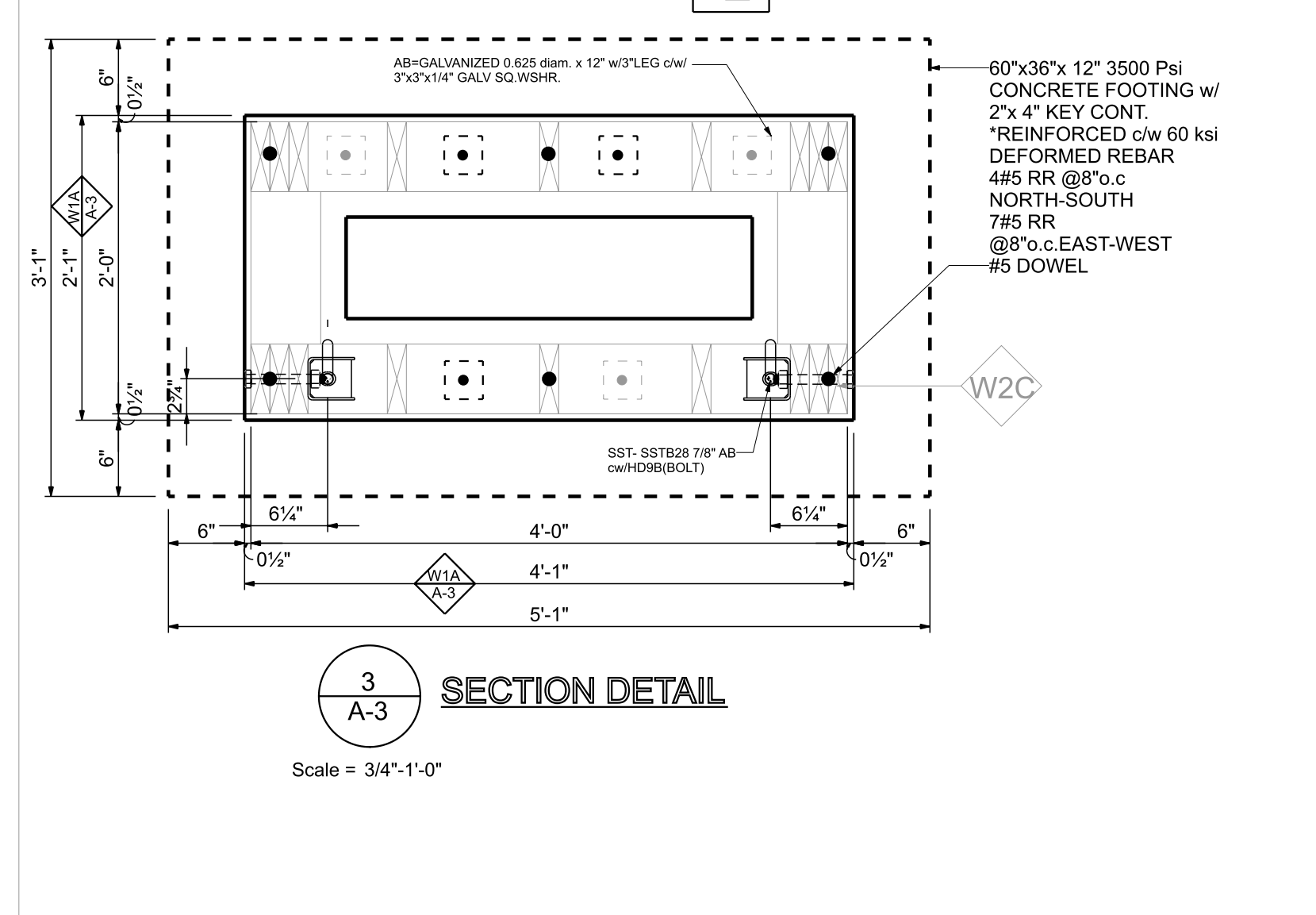
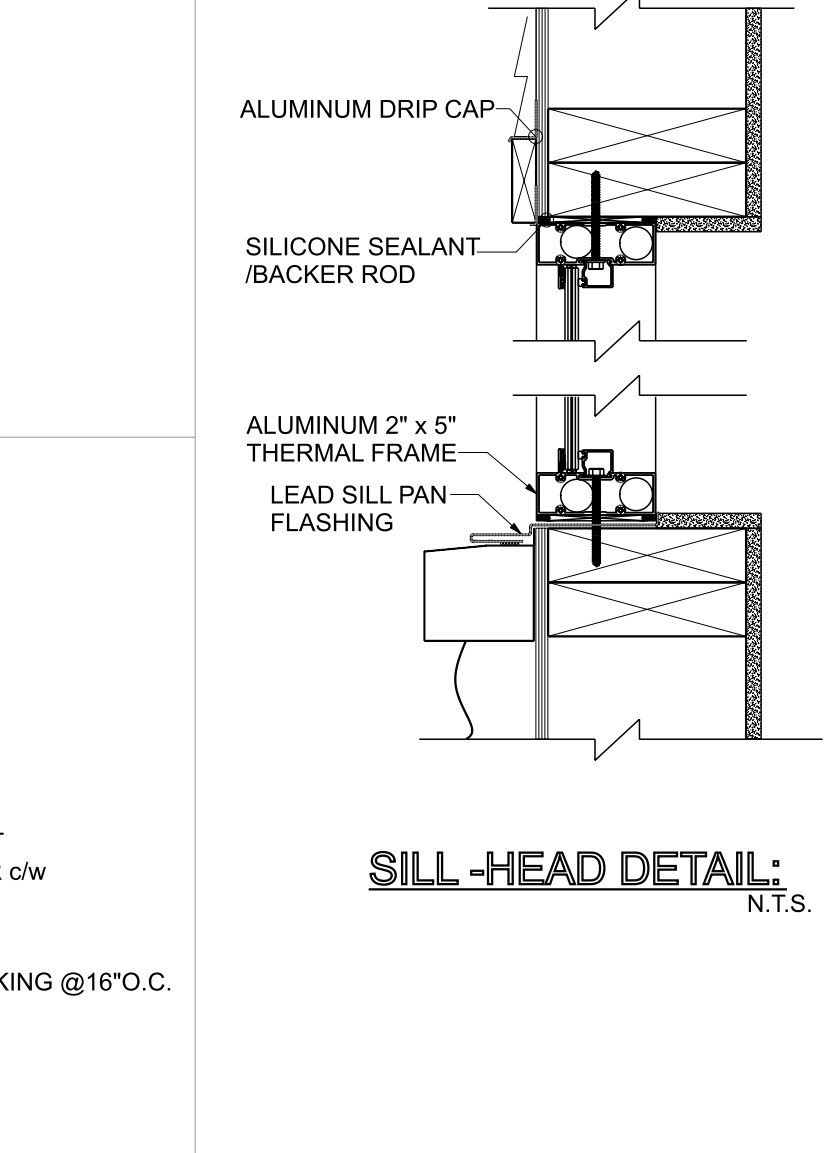
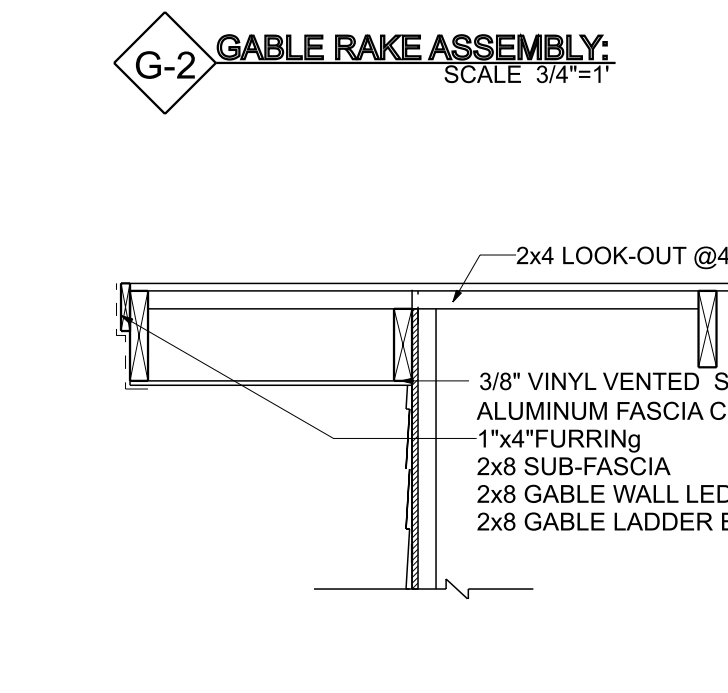
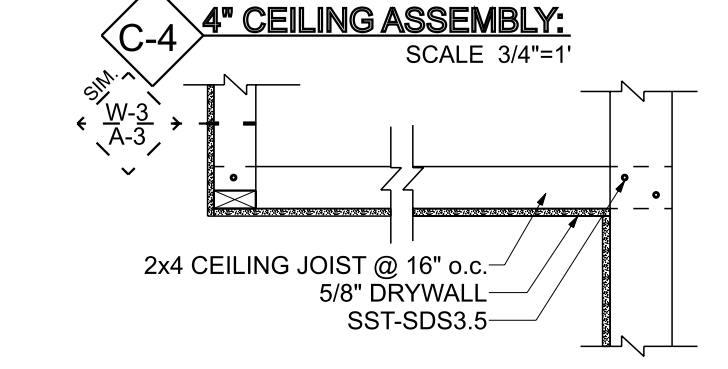
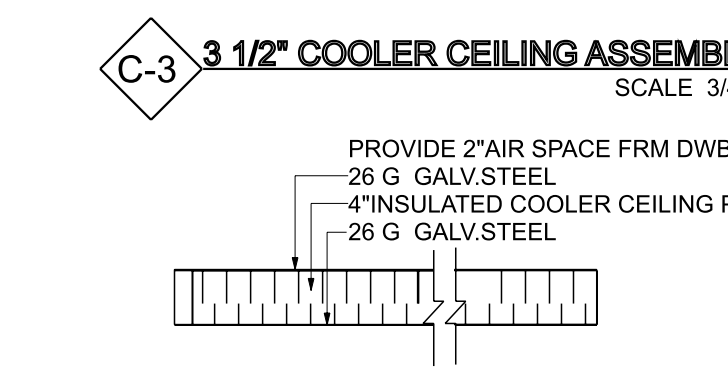
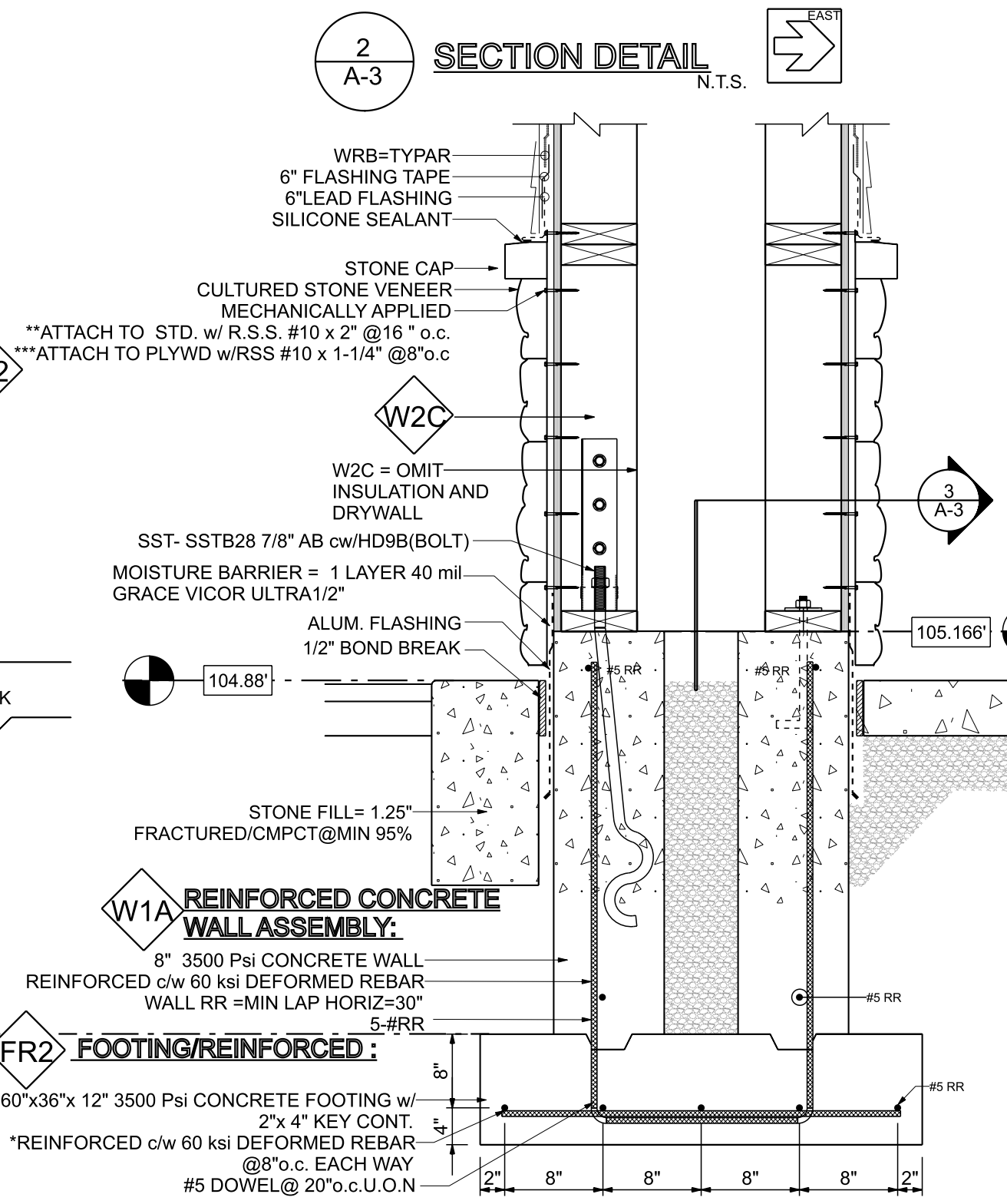
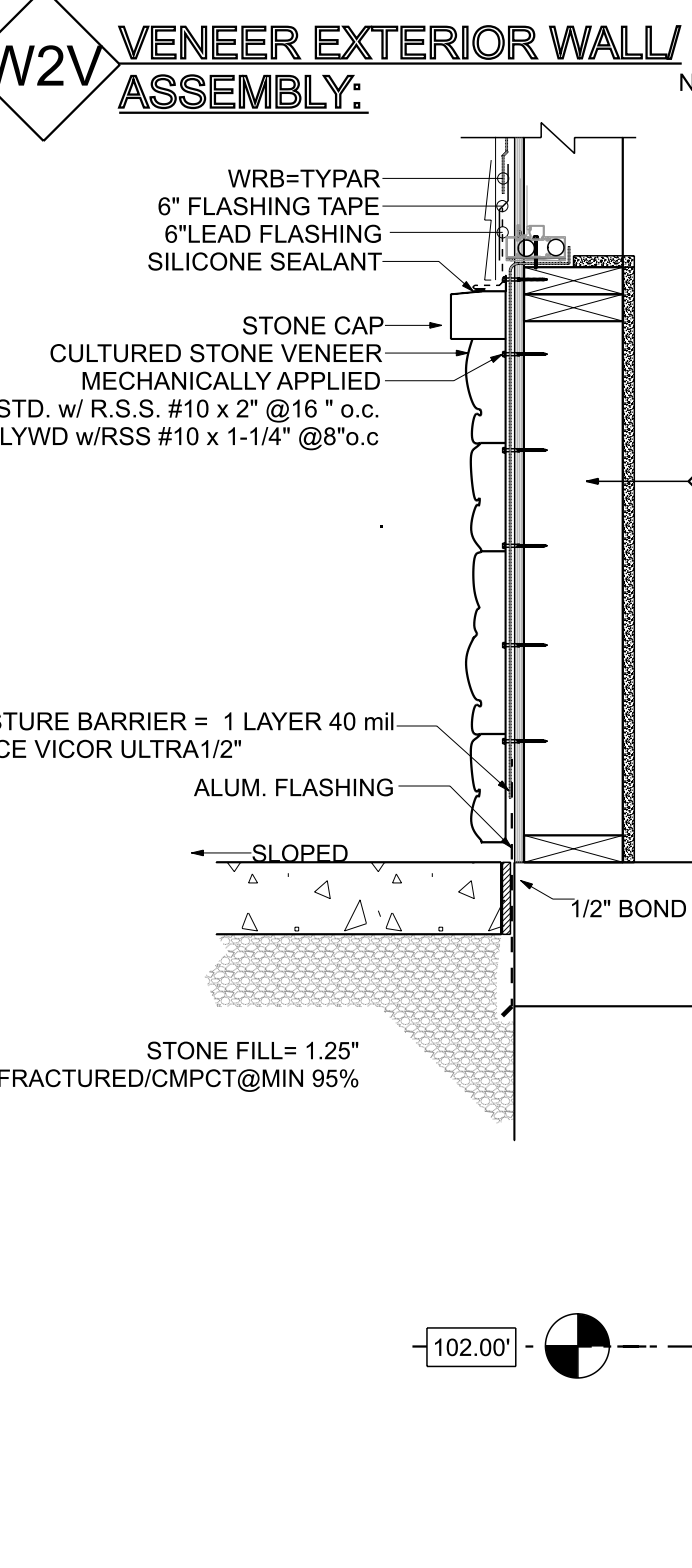
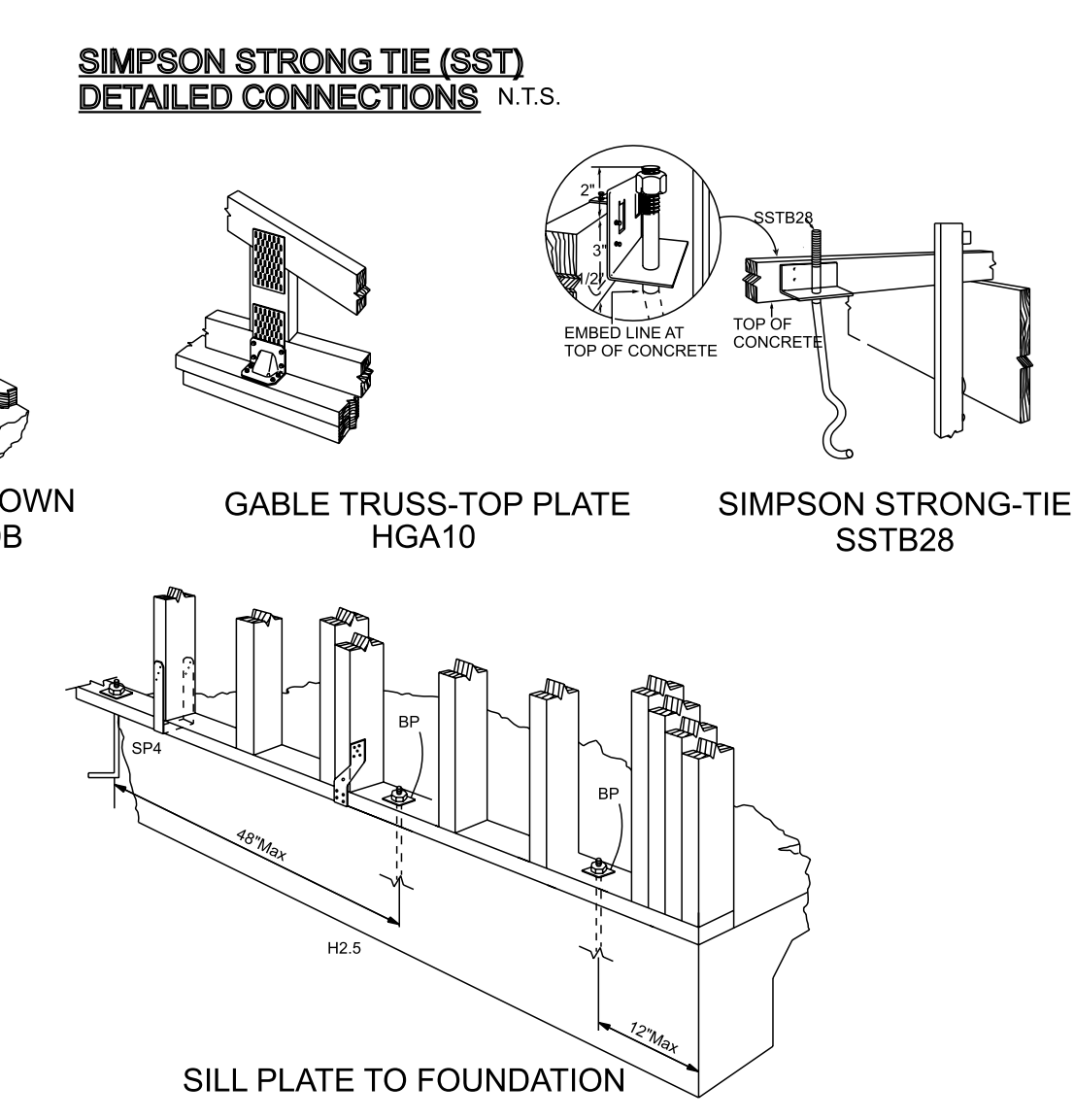
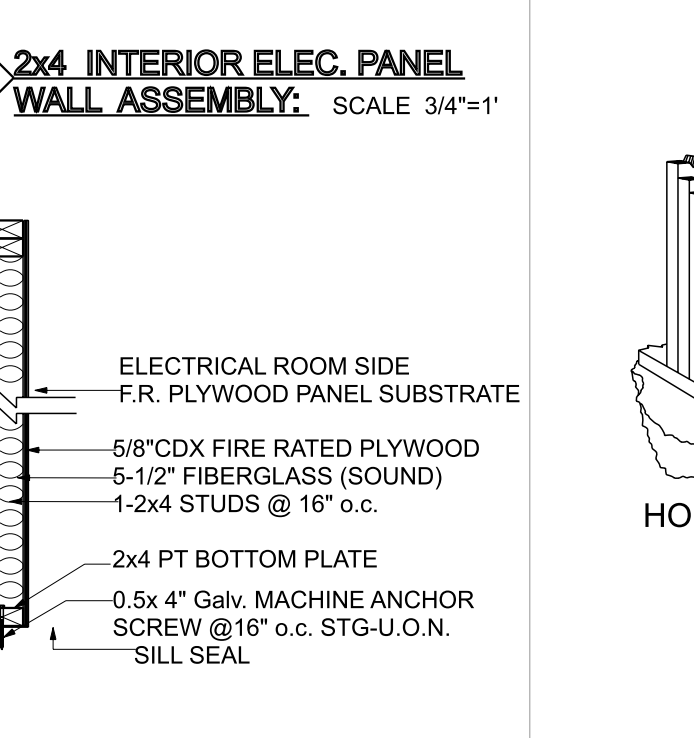
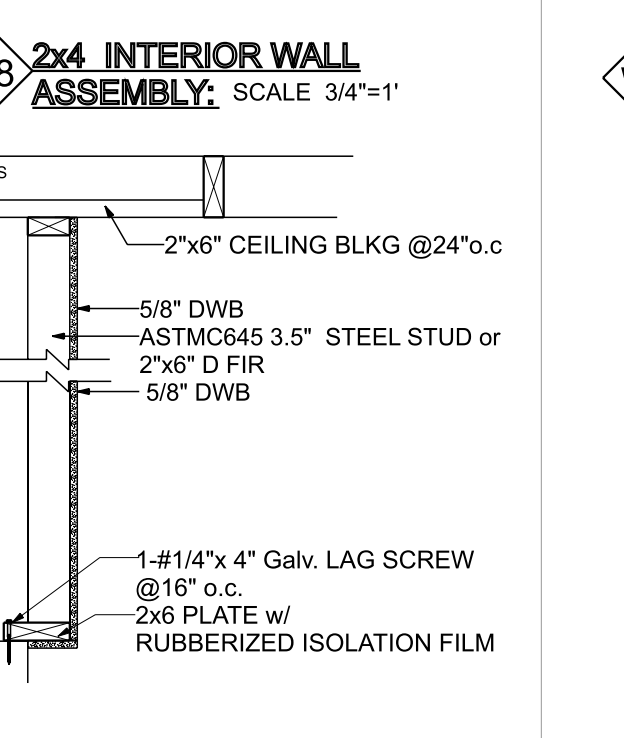
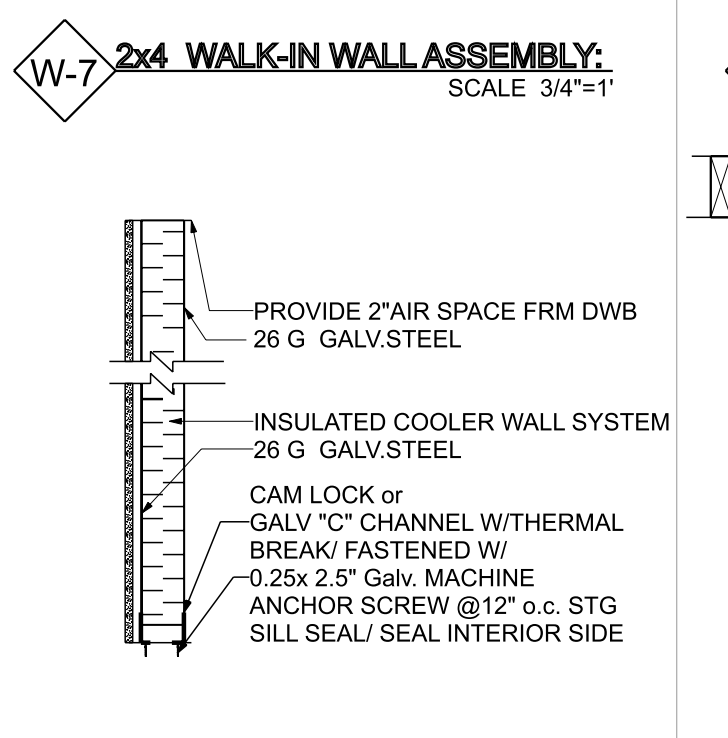
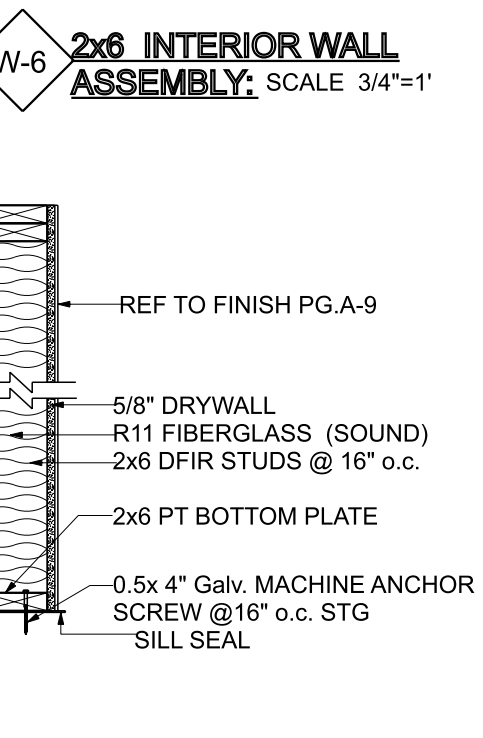
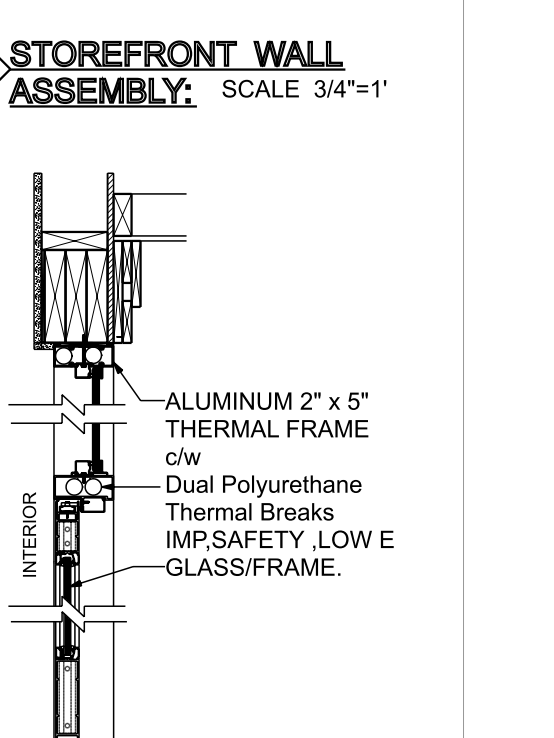
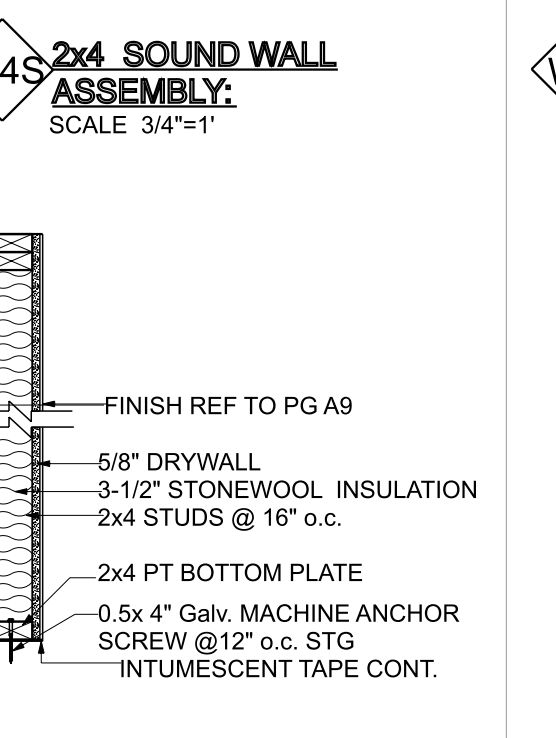
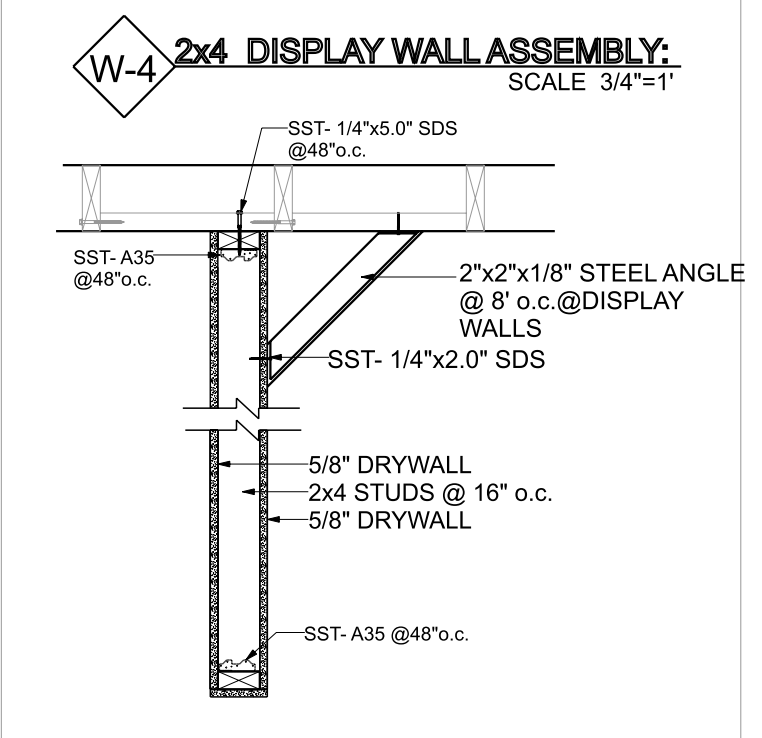
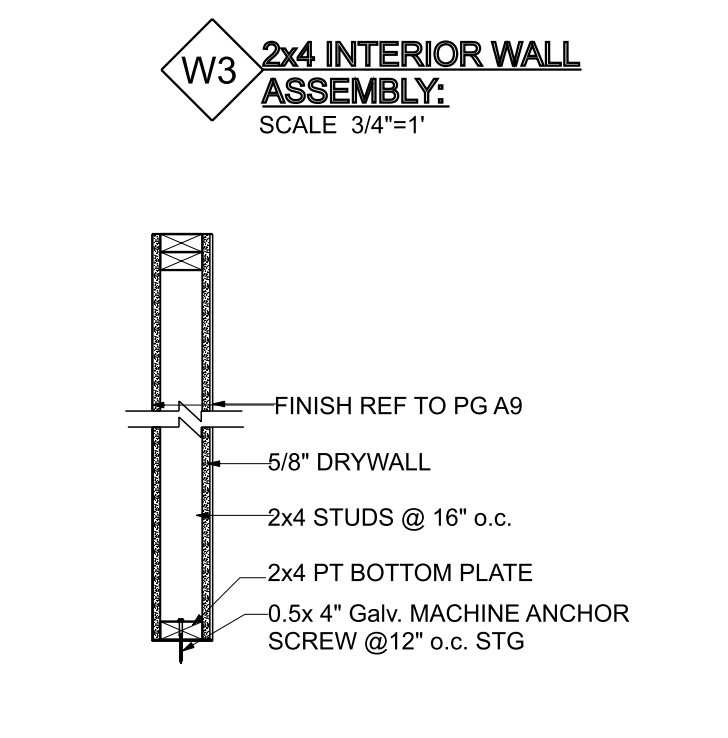
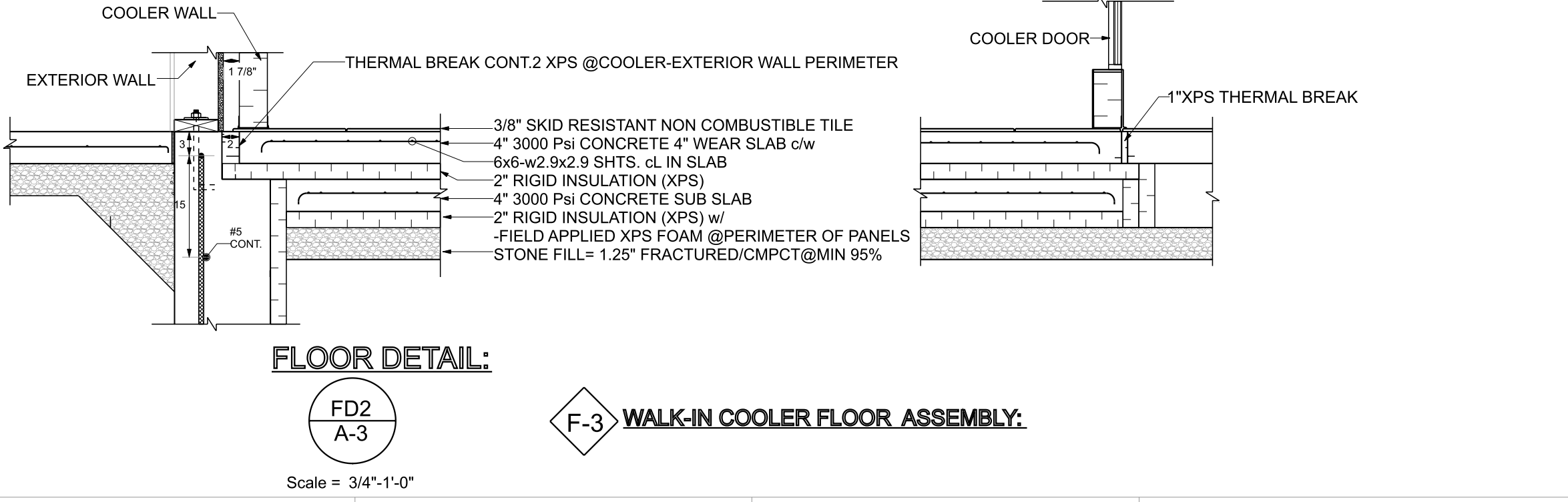
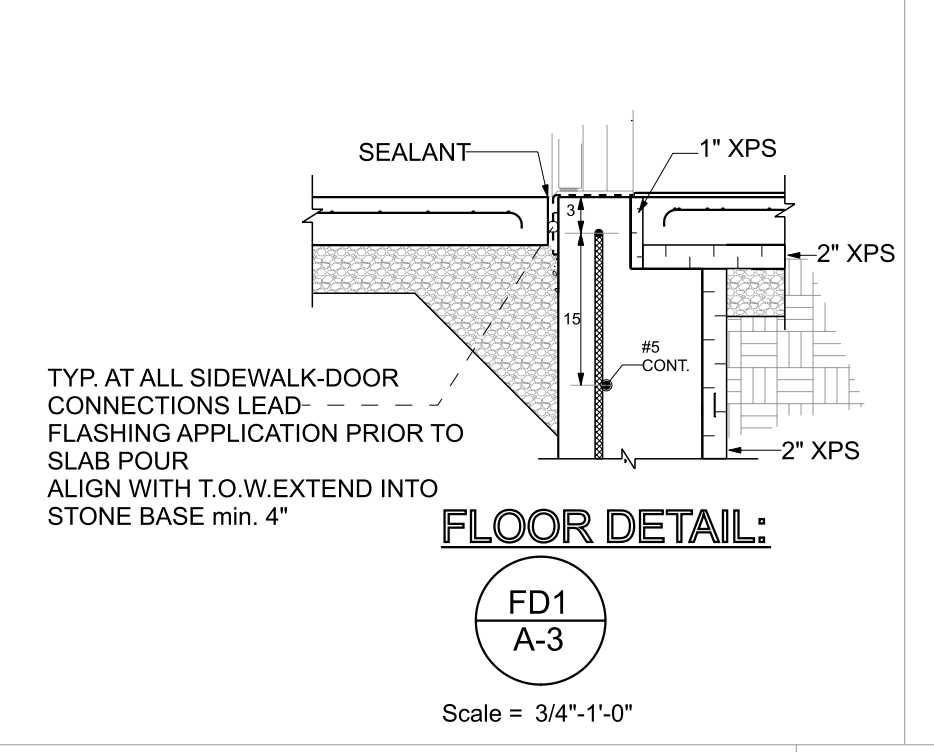
W2 OMIT DRYWALL ADD-5/8" FIRE RATED PLYWOOD CONT.

W2V CULTURED STONE

CONCRETE FLOOR ASSEMBLY: F-1

REINFORCED CONCRETE WALL ASSEMBLY: W-1

SECTION DETAIL A-3
Scale = 3/4"-1'-0"



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PROJECT DETAILS

NEW BEST WAY CONVENIENCE STORE
76 NORWICH-WESTERLY RD.
NORTH STONINGTON, CT. 06359

PREPARED FOR:
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P.O. BOX 126
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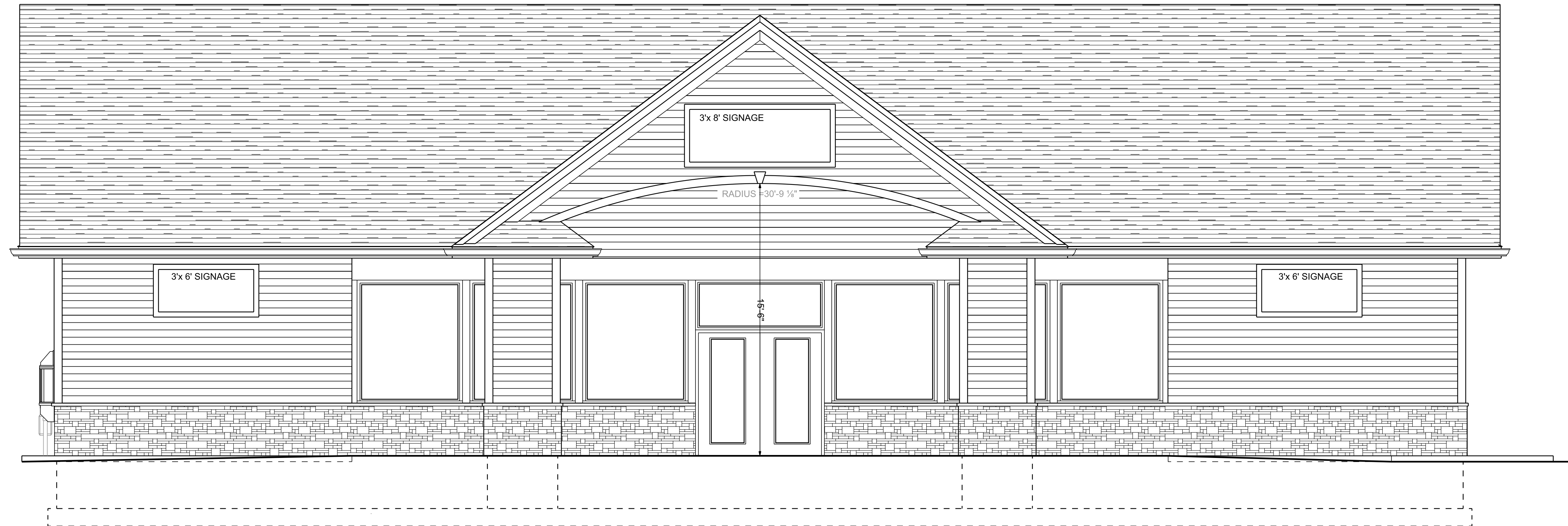
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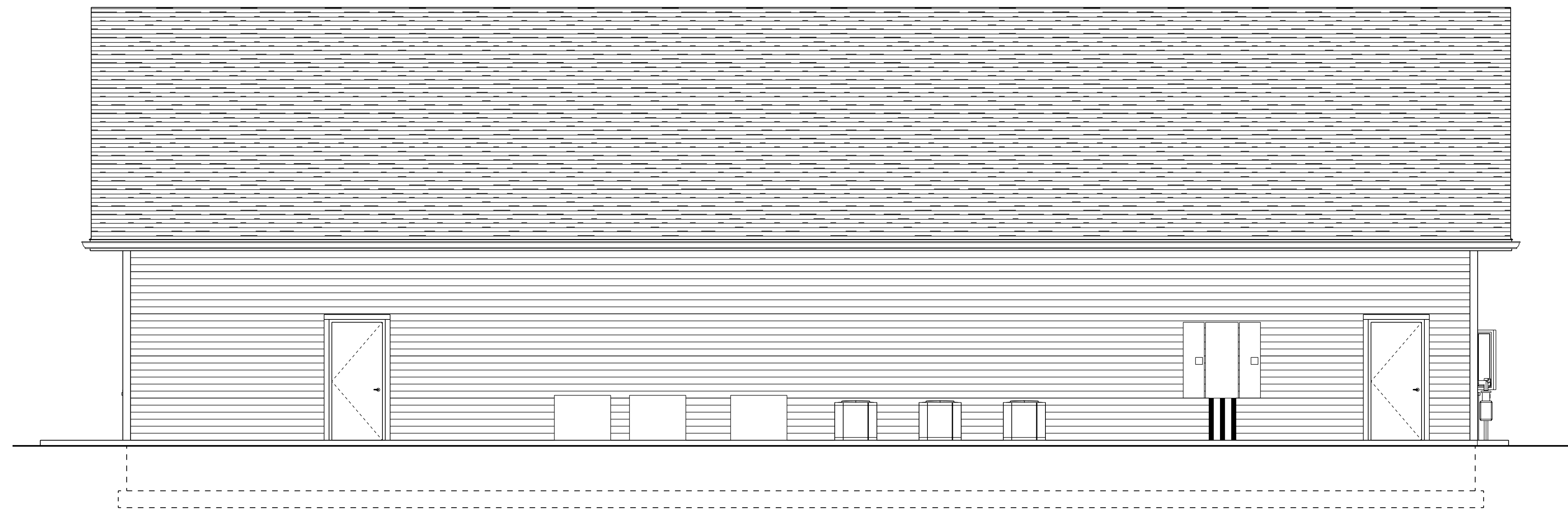
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A3

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WEST ELEVATION

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



EAST ELEVATION

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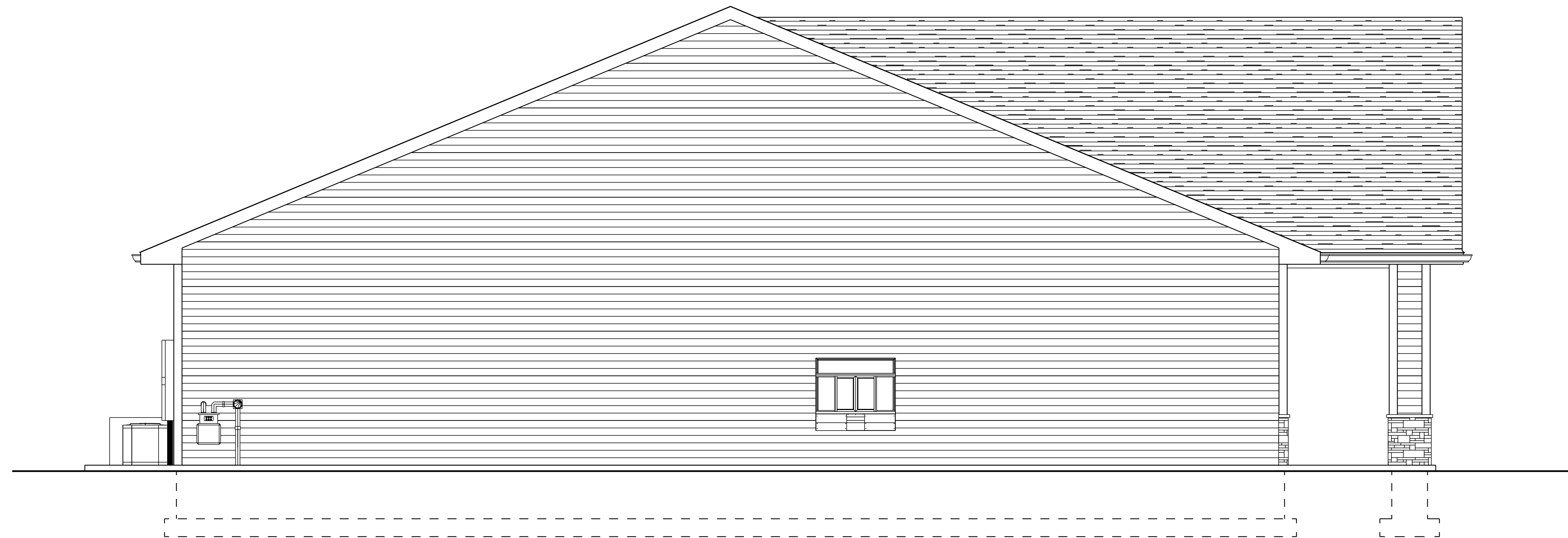
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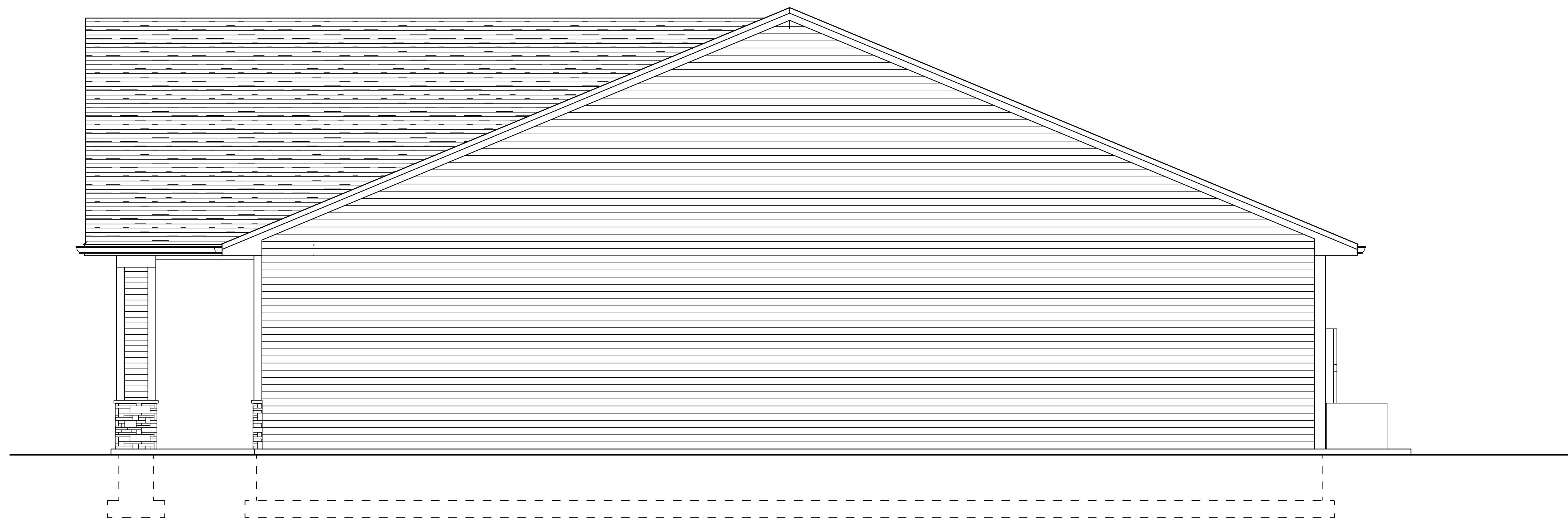
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NORTH ELEVATION

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



SOUTH ELEVATION

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

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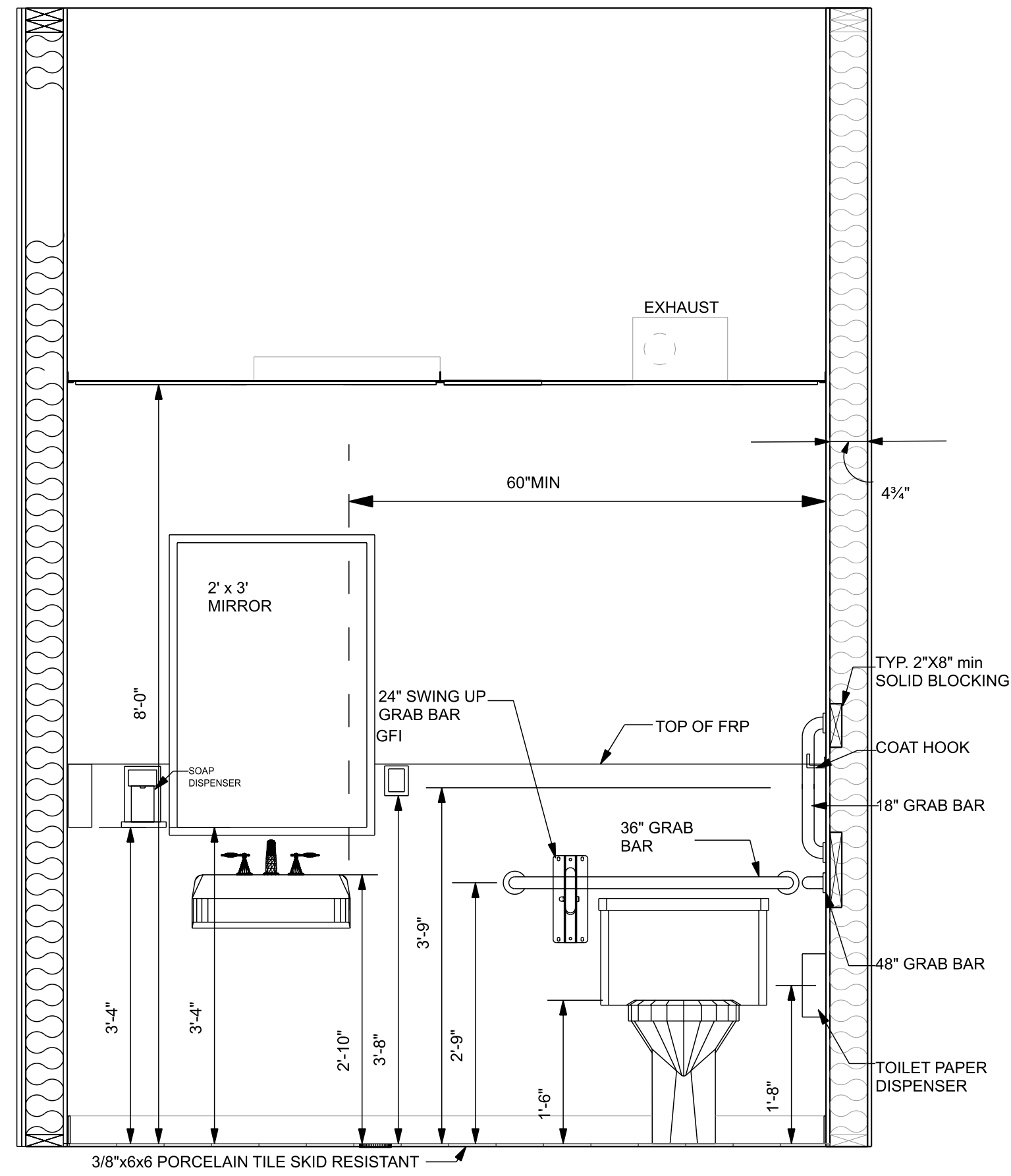
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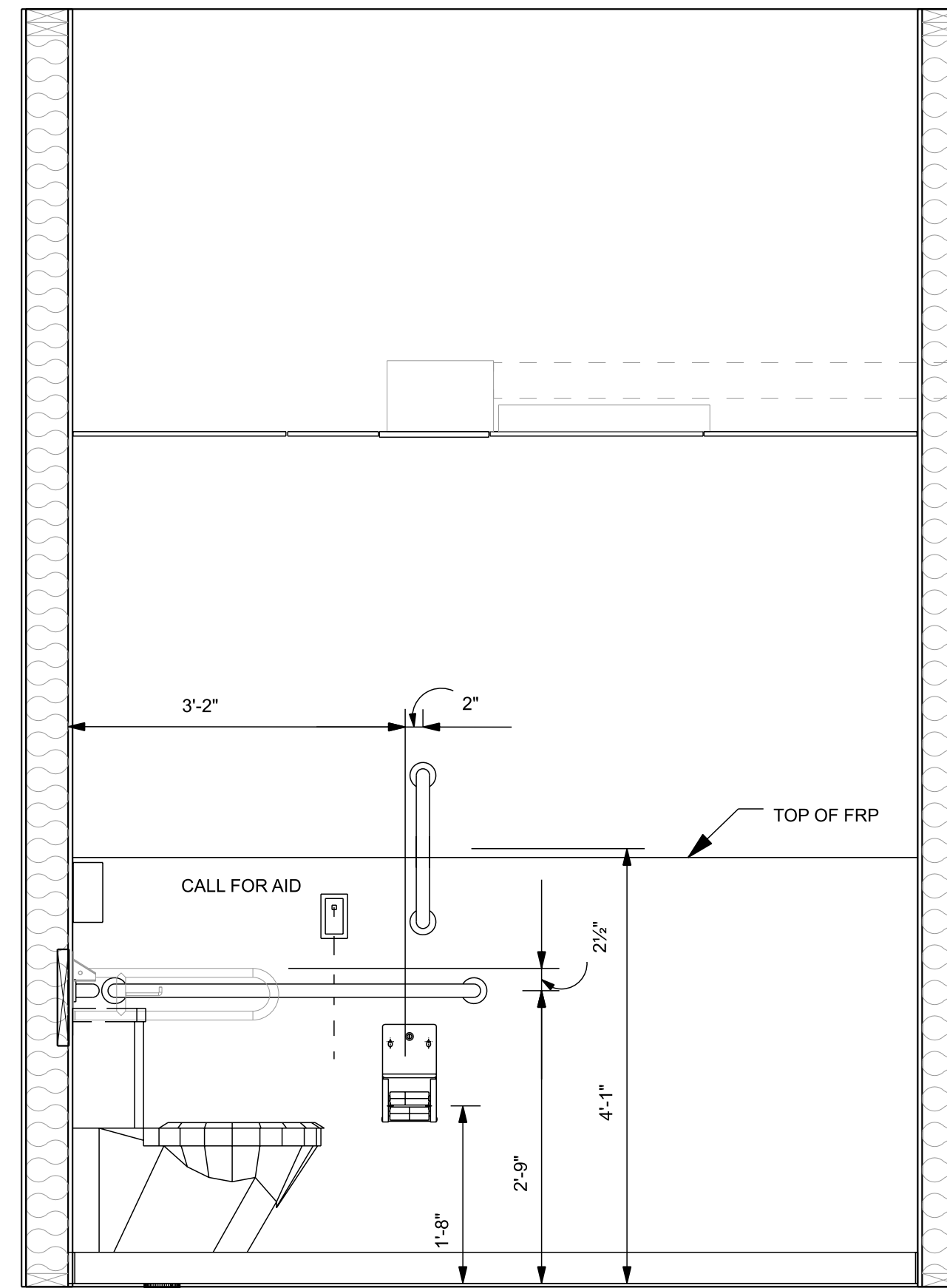
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INTERIOR ELEVATION

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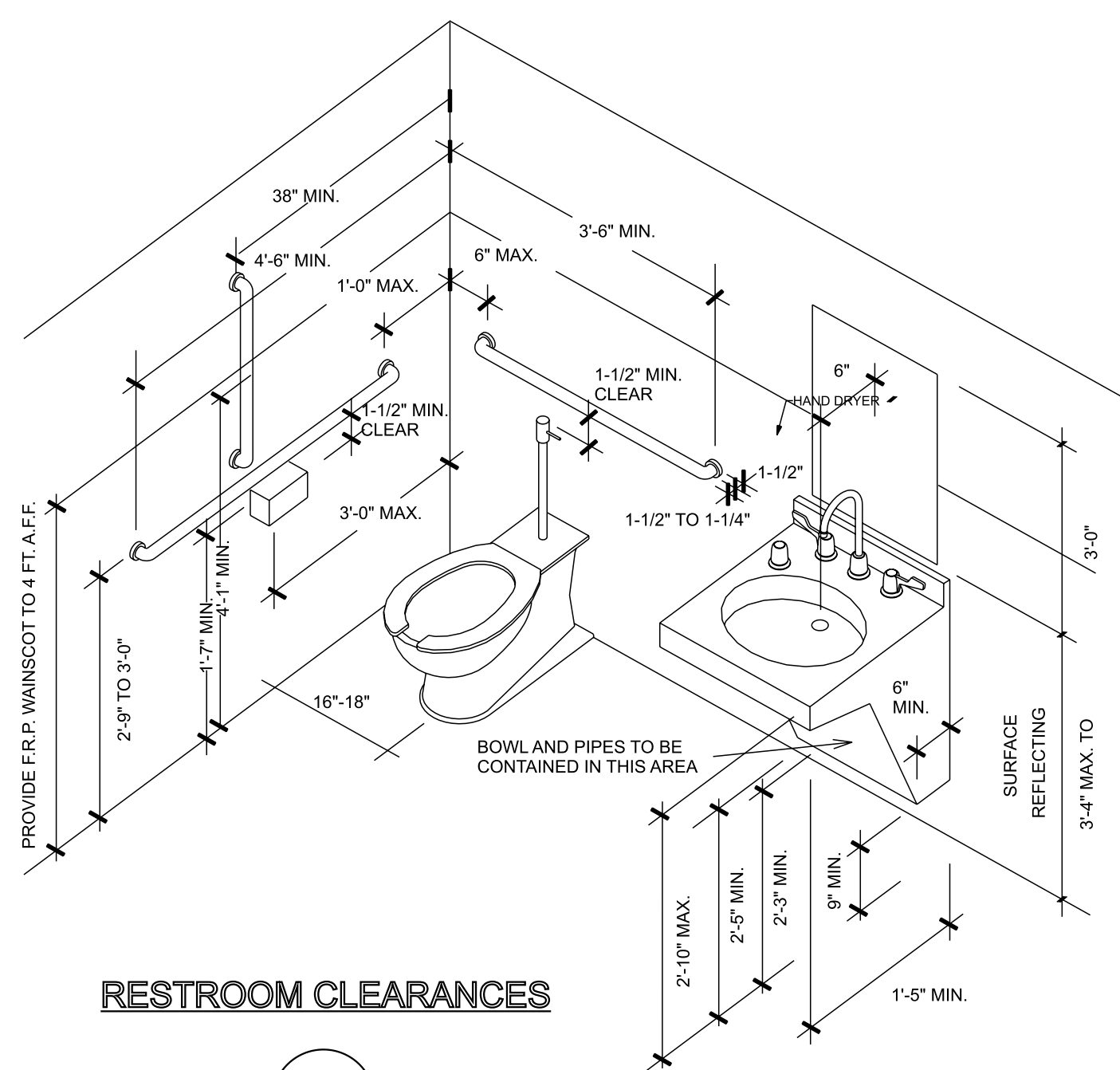
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INTERIOR ELEVATION

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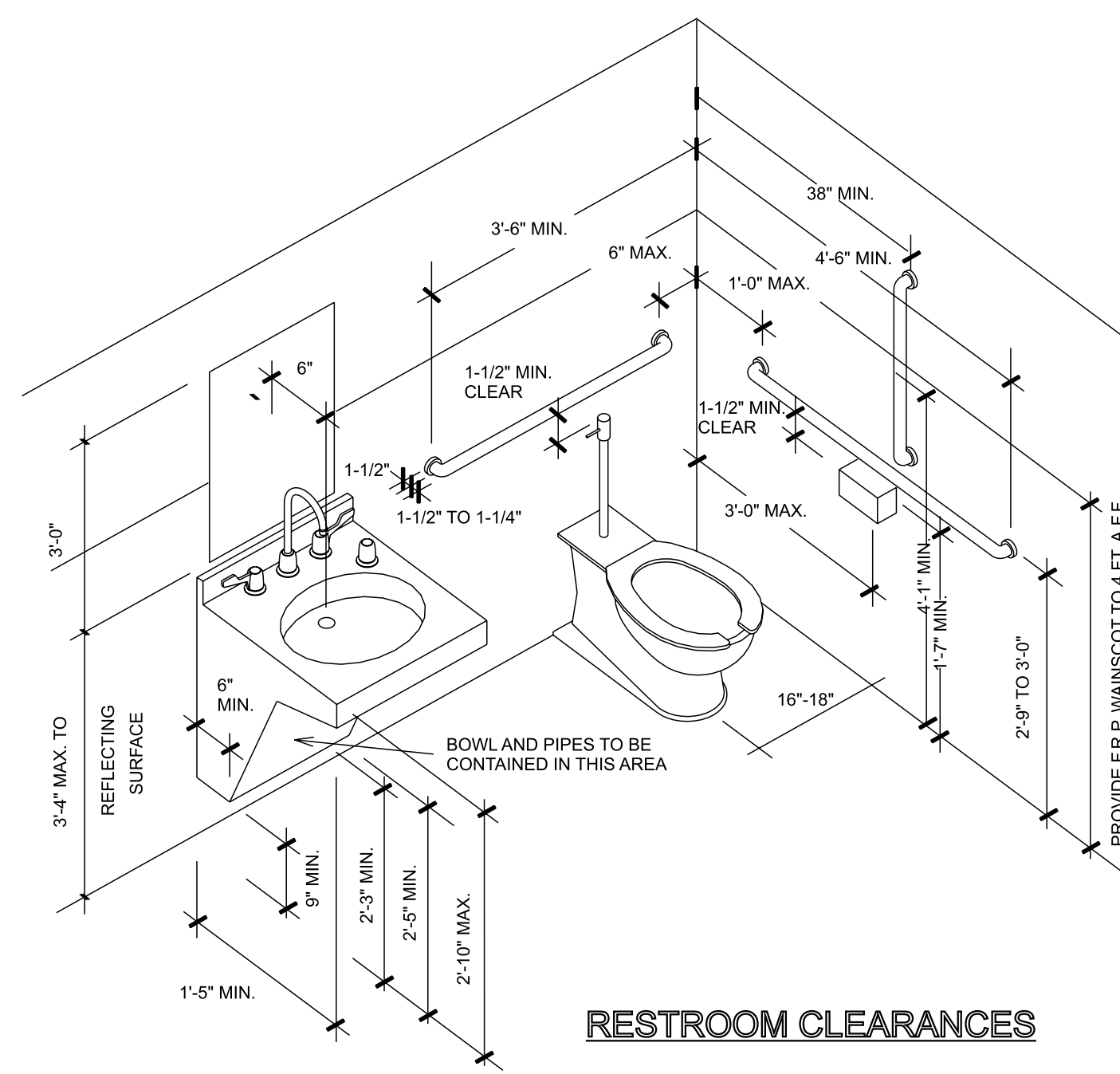
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RESTROOM CLEARANCES

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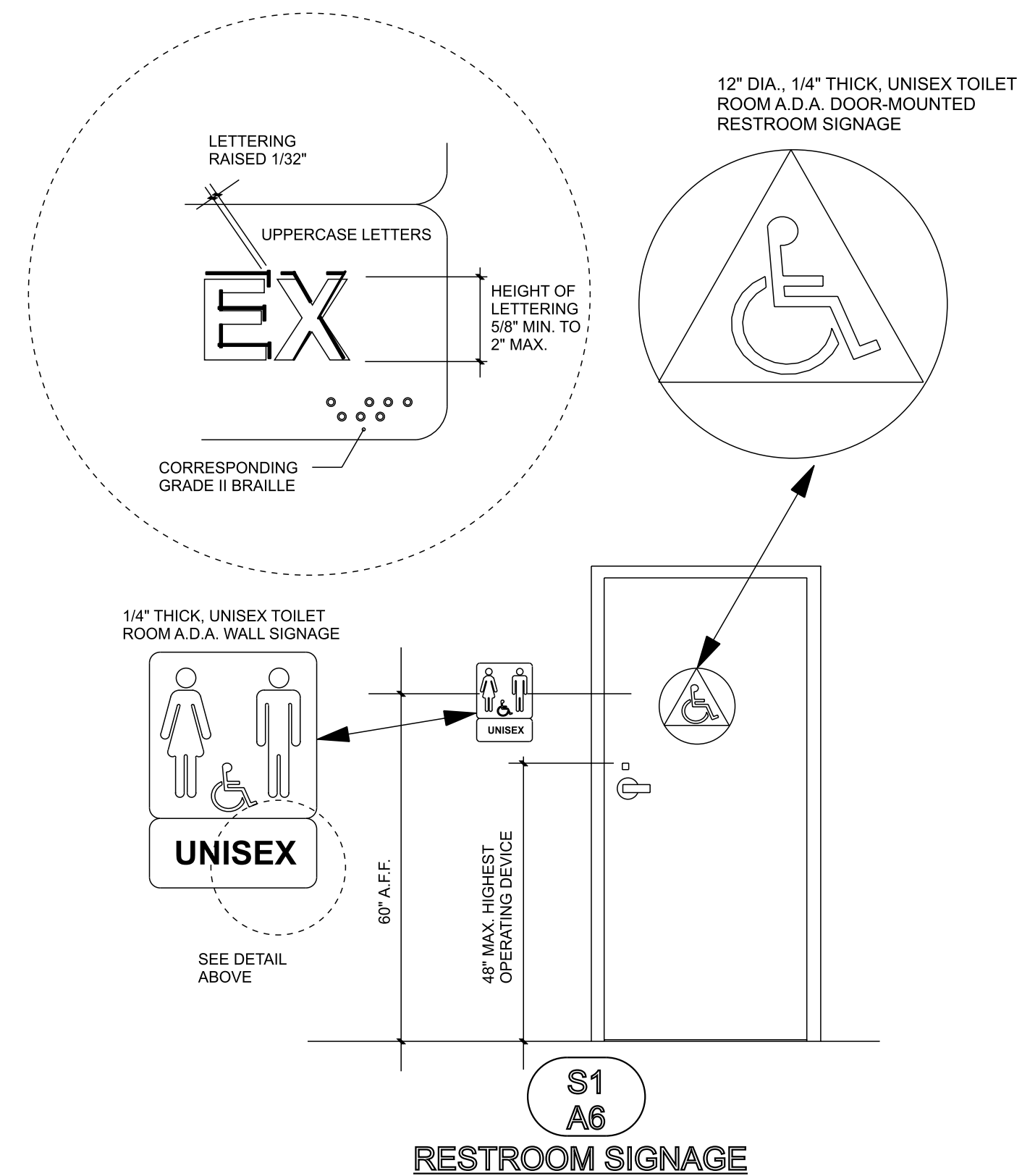
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RESTROOM CLEARANCES

4
A-6

Scale = NTS



RESTROOM SIGNAGE

S1
A6

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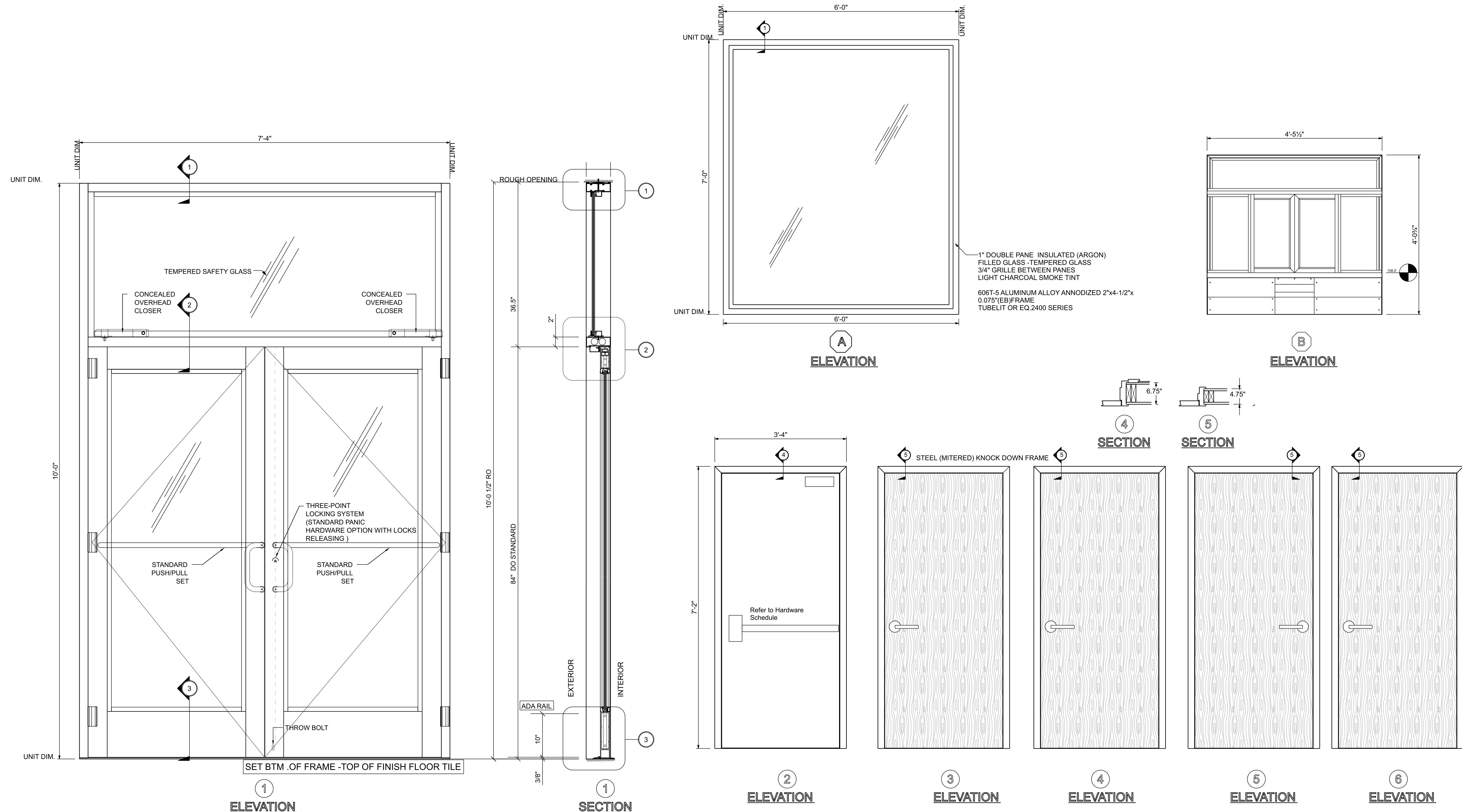
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GALES FERRY, CT, 06335
860-460-6388

OPENING SCHEDULE																		
MARK	PRODUCT CODE	SIZE	DIRECTION	COUNT	R.O. SIZE (INCH)	JAMB SIZE	JAMB TYPE	JAMB COLOR	FIRE RATING	GRILLE	GLAZING	DOOR LEAF	WIDTH	HEIGHT	OPENING ID	EGRESS	ENERGY VALUES	HARDWARE
1	84x120 ENTRANCE (TUBELITE OR EQUAL)	70100	LR	1	R.O. 84.5 x 120.50	4-1/2"	ANODIZED ALUM/INSUL/DBL.THERMAL BREAK	DARK BRONZE	N/a	Yes	1"Tempered Safety Glass/lmg/LOW E	ANODIZED ALUM /1 3/4" DB	7'-0"	10'-0"	1	EXIT	U=0.2 Max/SHG=0.7Max	H-1
2	36x84 DOOR	3070	LHR	2	R.O. 38.5 x 85.5	6 3/4"	18g STEEL-KD		N/a	No	No	18g STEEL	3' 0"	6' 8"	2	EXIT	U=0.2 Max/SHG=0.7Max	H-2
3	36x84 DOOR	3070	L	2	R.O. 38.25 x 85	4 3/4"	18g STEEL-KD		N/a	No	No	WOOD/SOLID /1 3/4" BIRCH	3' 0"	6' 8"	3	Yes	0.00	H-3
4	36x84 DOOR	3070	L	1	R.O. 38.25 x 85	4 3/4"	18g STEEL-KD		N/a	No	No	WOOD/SOLID /1 3/4" BIRCH	3' 0"	6' 8"	4	No	0.00	H-4
5	36x84 DOOR	3070	R	1	R.O. 38.25 x 85	4 3/4"	18g STEEL-KD		N/a	No	No	WOOD/SOLID /1 3/4" BIRCH	3' 0"	6' 8"	5	No	0.00	H-4
6	36x84 DOOR	3070	L	3	R.O. 38.25 x 85	4 3/4"	18g STEEL-KD		N/a	No	No	WOOD/SOLID /1 3/4" BIRCH	3' 0"	6' 8"	6	Yes	0.00	H-5
A	72x84 FIXED WINDOW	6070	N	6	R.O. 6'-0.5"x84.5	4-1/2"	ANODIZED ALUM/INSUL/DBL.THERMAL BREAK	DARK BRONZE	N/a	No	Tempered Safety Glass/lmg/LOW E	N/a	6' 0"	7' -0"	A	No	U=0.2 Max/SHG=0.7Max	n/a

HARDWARE SCHEDULE				
H-1	H-2	H-3	H-4	H-5
HARDWARE BY DOOR SUPPLIER	1-1/2 PAIR BUTTS TB2714USP 4 1/2"x 4 1/2" NRP - MCKINNEY PRIMED STEEL	1-1/2 PAIR BUTTS TB2714USP 4 1/2"x 4 1/2" NRP - MCKINNEY STAINLESS STEEL	1-1/2 PAIR BUTTS TB2714USP 4 1/2"x 4 1/2" NRP - MCKINNEY STAINLESS STEEL	1-1/2 PAIR BUTTS TB2714USP 4 1/2"x 4 1/2" NRP - MCKINNEY STAINLESS STEEL
INTERNAL CLOSERS 3 POINT LOCKING/ ONE POINT RELEASING	PDO-4200RA EXIT DEVICE EXIT RIM CYLINDER WITH SS PULL PDO-4-P-03	PASSAGE LEVER HANDLE-SET STAINLESS STEEL	1-CLOSER EN 1230 P9XTBGN -SARGENT	1-SET STOPS 409x26d -ROCKWOOD
TYPE-1 HARDWARE	1-THRESHOLD 181AVXDW -PEMKO	1-SET STOPS 409x26d -ROCKWOOD	WALL STOPS - 409x26d -ROCKWOOD	KEYED LOCK- LEVER HANDLE-SET STAINLESS STEEL
KEYED -FIRE DEPARTMENT ACCESS OUTLET	1-CLOSER EN 1230 P9XTBGN -SARGENT		HANDICAP SIGN -BEST WOMENS -MENS	
INSULATED 451 FRAME	1- SET WEATHER STRIP 30 6AV-H&J -PEMKO		PRIVACY LEVER HANDLE-SET STAINLESS STEEL	



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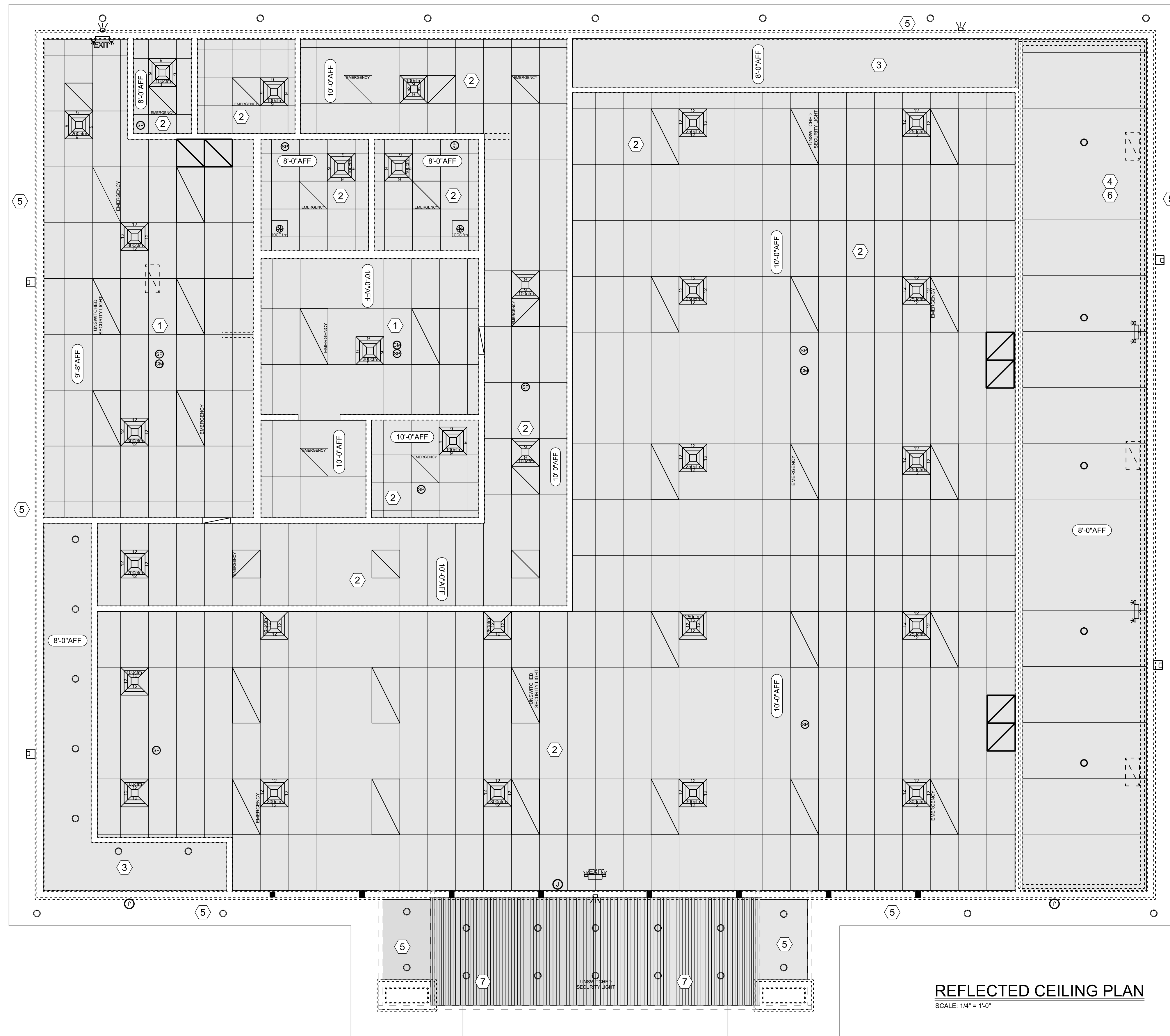
PROJECT DETAILS
NEW
BEST WAY
CONVENIENCE STORE
76 NORWICH-WESTERLY RD.
NORTH STONINGTON, CT.
06359

PREPARED FOR:
JANNAT LLC
P.O. BOX 126
NORWICH, CT 06360

FILE REF:
NATIONAL-N.C. T-5-B-M-U-NS
BW-CS-76-NRWCH-WSTRLY-RD-N.S.-CT

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860-460-6388



REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

CEILING FINISH SCHEDULE

1	VINYL COVER DRYWALL CEILING TILES
2	ARMSTRONG RANDOM TEXTURE 2' x 4' CEILING PANELS IN INVERTED 1" GRID
3	5/8" TYPE X DRYWALL BOARD PAINTED
4	COOLER CEILING BY MFR. PROVIDE CONT. AIR BARRIER
5	3/8" BEADED VINYL SOFFIT VENTED
6	EXPOSED STRUCTURE ABOVE COOLER
7	3/8" BEADED PVC SOFFIT

INTERIOR FINISH -FLAME/SMOKE

ALL CEILINGS TO HAVE A CLASS "A" FLAME SPREAD CLASSIFICATION
ALL VINYL CEILING TO HAVE A CLASS "C" FLAME SPREAD CLASSIFICATION
ALL WALLS TO HAVE A CLASS "A" FLAME SPREAD CLASSIFICATION
PROVIDE CONTINUOUS FIRE RETARDANT VAPOR BARRIER TO ROOF TRUSS CEILING CHORD.
SEAL ALL EDGES AND PENETRATIONS
PROVIDE FIRE RETARDANT PLYWOOD AT ALL ELECTRICAL PANEL OR FINISH INTERIOR PANEL SUBSTRATES.
PANEL SUBSTRATE SHALL BE FLUSH WITH SURROUNDING DRYWALL FINISHES AND ALL SUBSTRATE EDGES TAPED AND FINISHED.
APPLY 1-COAT INTUMESCENT PAINT AT ALL EXPOSED FINISH WOOD PANEL SUBSTRATE AS ALTERNATE TO FIRE RESISTANT PLYWOOD.
PROVIDE A MIN FIRE TAPE AND 1 COAT DURABOND AT ALL DRYWALL PANEL UNEXPOSED FINISHES

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NEW BEST WAY CONVENIENCE STORE
76 NORWICH-WESTERLY RD.
NORTH STONINGTON ,CT. 06359

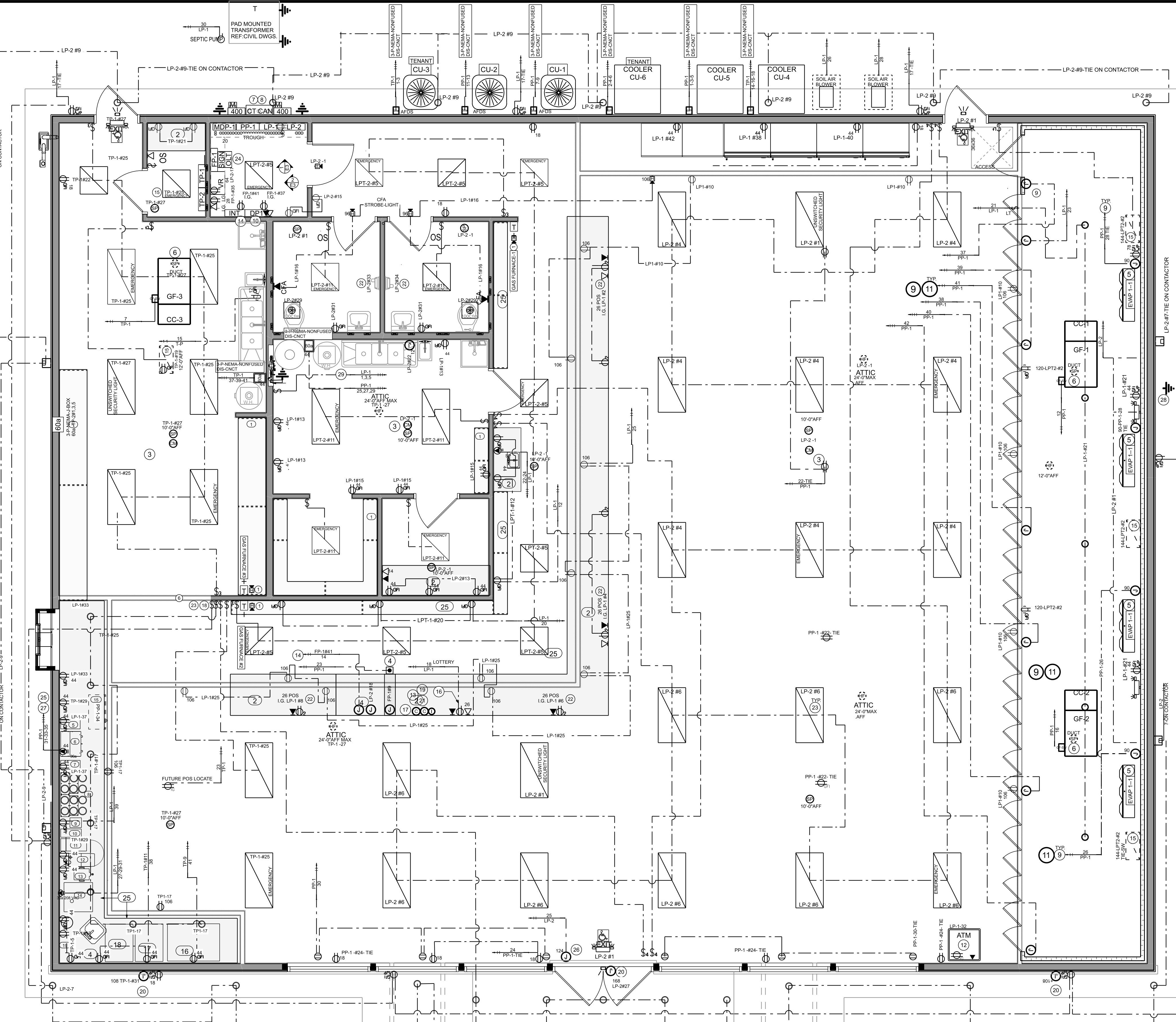
PREPARED FOR:
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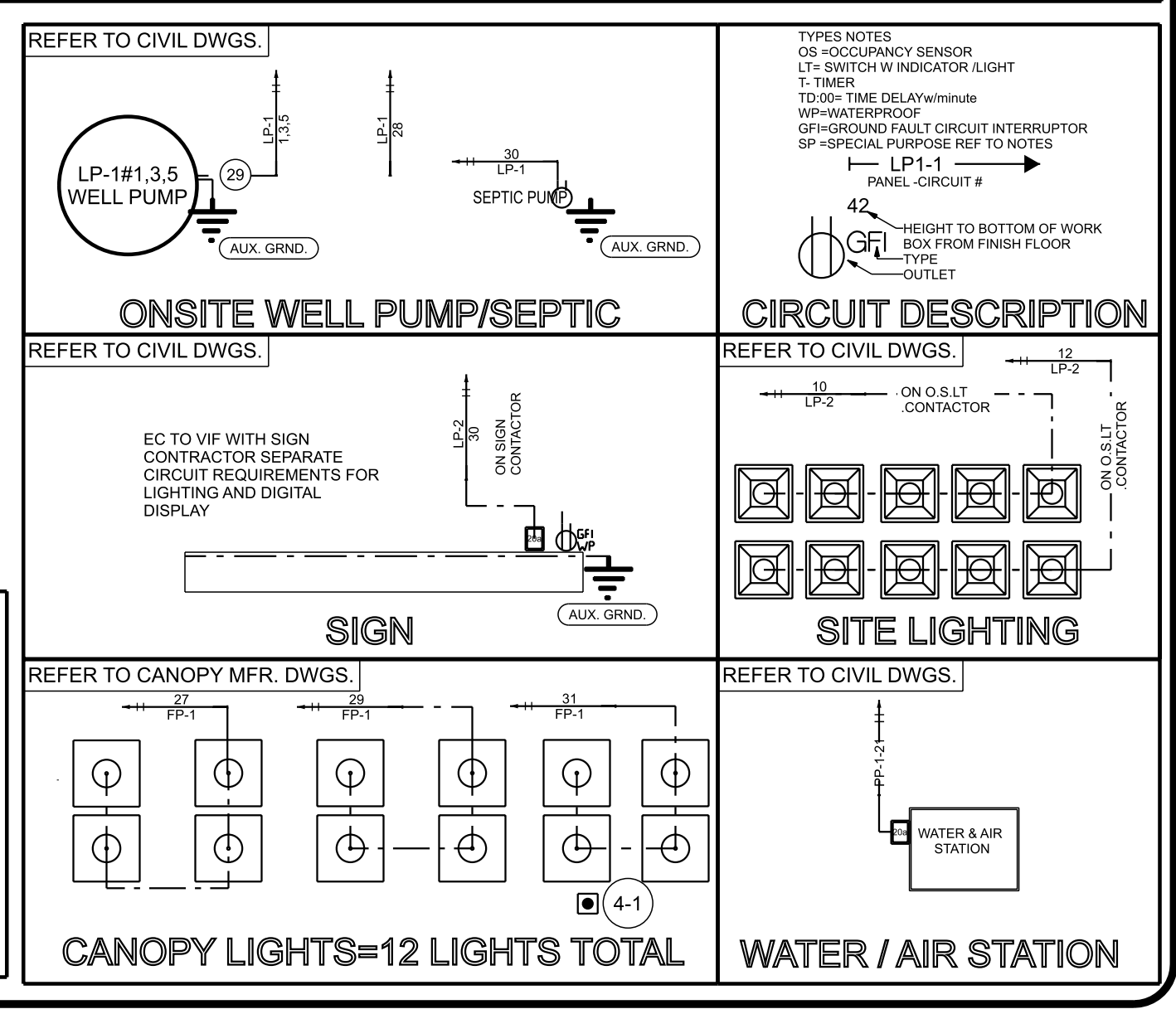
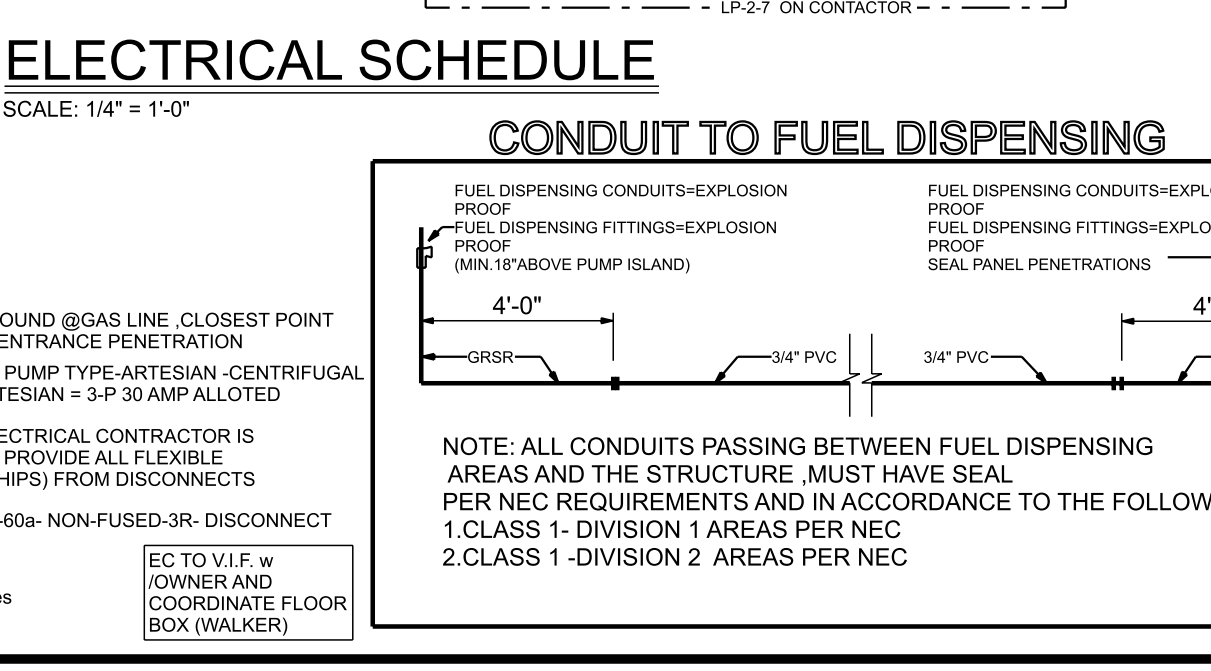
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ELECTRICAL LEGEND

ELECTRICAL	MFR/MODEL	COUNT	SYMBOL
Vapor proof Wire Shielded Globe	Cooler Mfr. Supplied A21LED	5	○
Recessed Can light 6" INTERIOR	LITEBOX-LB6LED10L	32	○
fluorescent light 1 x 2 Surface mount LED	VIF w/OWNER	4	▱
fluorescent light 2 x 4 w/ Protective Lenses	CREE -CR2440L30K	22	▱
fluorescent light 2 x 2 w/ Protective Lenses	CREE -CR2220L30K	5	▱
fluorescent light 2 x 4 "EMERGENCY" w/ Protective Lenses	CREE -CR2440L30K (W BATTERY PACK)	7	▱
fluorescent light 2 x 2 "EMERGENCY" w/ Protective Lenses	CREE -CR2440L30K (W BATTERY PACK)	10	▱
HAND DRYER	SLOAN- RECESS- HAND DRYER EHD-451	2	⊞
RECESSED CANOPY LIGHT CLASS- 1 DIVISION-2	LEGACY CRUS 5L LED HO 50 WHT 140W	12	⊞
WALL PACK 12x12 LED R.C.L. 2000 LUM	LITHONIA DSXW2 LED 30C 700 40K T3M MVOLT DDBTXD	4	⊞
LED LOT AREA LIGHTING	AEROMAX XAMU FT LED 128 HO CW UE WHT PCR 176watts	10	⊞
HEAT DETECTOR-RATE OF RISE	Edwards-CR-135-2	5	⊞
RTU DUCT DETECTOR VISUAL/AUDIBLE ALARMS	Edwards	7	⊞
SMOKE DETECTOR -PHOTOELECTRIC Minimum Distance from Diffuser=36"	Edwards -SC-30U	13	⊞
DUCT SMOKE DETECTOR -PHOTOELECTRIC REFER TO PG.M1 MECH NOTE #6	TRANE	3	⊞
HEAT DETECTOR -FIXED135DG ATTIC	Edwards -281-B	5	⊞
CARBON MONOXIDE DETECTOR	Edwards	3	⊞
Emergency Egress Light 90 Minute Battery Backup	Lithonia-ELA LED M12	3	⊞
DISCONNECT	REF TO E1	13	⊞
WATER HEATER DISCONNECT	60AMP	2	⊞
CALL FOR AID Hom-Strobe-Switch	Edwards 6536-G5	2	⊞
Emergency Lighting Wall Mount	Lithonia-EU2 LED M12	2	⊞
Illuminated Exit Sign Universal Mount	Lithonia-EU2 LED M6 WITH ADA SIGNAGE	3	⊞
JUNCTION-BOX		19	⊞
HIGH SPEED DATA LINE		7	⊞
TELEPHONE		7	⊞
"EMERGENCY FUEL SHUTOFF" Push -Button	Eaton-10250T5B62-S108	1	⊞
"EMERGENCY FUEL SHUTOFF" Push -Button	VIF With Petroleum CTR.	1	⊞
Special Purpose Outlet		3	⊞
Switch Occupancy sensor		4	⊞
Switch with indicator "ON" Light		5	⊞
Exhaust Fan 110CFM	Nutone-QTXEN 130S	2	⊞
Ceiling receptacle Duplex		6	⊞
floor receptacle GFI Duplex	Walker WATER RESISTANT	1	⊞
floor receptacle Duplex	Walker	3	⊞
floor receptacle 1G duplex	Walker	2	⊞
outlet gfi		40	⊞
outlet		31	⊞
outlet gfi-wp		12	⊞
outlet DOUBLE- QUAD		6	⊞
switch		7	⊞
switch 3 way		5	⊞
switch 4 way	48"AFF W/LOCKING COVER	6	⊞
switch DOUBLE		1	⊞
thermostat	Honywell T-7300	3	⊞

- 1** AHU SMOKE DETECTOR FOR 3000CFM-SUPERVISORY STROBE LIGHT TEST AFFIX NAME PLATE INDICATING RTU UNIT # AND CORRELATE LOCATION WITH PG.M1
- 2** SMOKE DETECTORS SHALL BE PLACED -Minimum Distance from Diffuser=36"
- 3** ONE CO2 DETECTOR FOR EACH GAS FURNACE. CEILING MOUNTED, 38" MIN SEPARATION FROM FIRST IN-LINE SUPPLY DIFFUSER, AND NEAREST TO SUPPLY SIDE OF RTU.
- 4** PROVIDE PUSH BUTTON EMERGENCY FUEL SHUT OFF WITHIN:
- 4.1** 1 VIF 100' OF FUEL DISPENSING AND NO LESS THAN 20' FROM DISPENSERS
- 5** WALK-IN FAN COIL UNITS
- 6** ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUITS AND BOXES FOR BOTH RTU'S SMOKE DETECTOR AND ALARM SYSTEM-COORDINATE WITH MECHANICAL CONTRACTOR 3000CFM+
- 7** SERVICE EQUIPMENT RATED 3 PHASE 400 AMP/65000 AUC-4000 IN NEMA 3R ENCL. EQUIP. WITH NEUTRAL BAR AND GROUND BAR -COORDINATE ENCL. SIZE AND WIRE BENDING RADIUS.
- 8** 400 AMP METER / SOCKET COORDINATE PER EVERSOURCE SPECIFICATIONS
- 9** PROVIDE LOCAL DISCONNECTING MEANS FOR DOOR HEATER DOOR LIGHTS AND EVAPORATORS LOCATED IN THE COOLER AREA IN ACCORDANCE TO THE LATEST NEC REQUIREMENTS
- 10** DATA/PHONE CABINET Eaton B-LINE SERIES 2436 TCF COMPLETE WITH SERVICE-1.G.-GFI
- 11** CONDUITS ENTERING OR EXITING THE COOLER-FREEZER SHALL BE PROVIDED WITH A SEAL OFF FITTING WITH 400 PSI COMPRESS PER NEC-300.7(A).
- 12** CLEAN 120 V 20A SEPARATE TELEPHONE LINE TO ATM ISOLATED GROUND USE WALKER FLOOR BOX RUN 3/4" LOW VOLTAGE CONDUIT FOR PHONE LINE (THREE WIRE TWIST LOCK)
- 13** 2" SCH 40 U.G. CONDUIT FOR DISPENSER CONTROL S. VERIFY WITH EQUIPMENT SUPPLIER
- 14** INTERCOM SYSTEM EQUIPMENT SUPPLIED BY OWNER-CONDUIT AND ALL INSTALLATION BY ELECTRICAL CONTRACTOR
- 15** LIGHT FIXTURE IN ATTIC FOR AHU SERVICE. LOCATE SWITCH AT ATTIC ACCESS
- 16** LOTTERY- CLEAN 120 V. 20A RECEPTS ISOLATED JUNCTION VERIFY PHONE LINE
- 17** JUNCTION FOR CONTROL WIRING DESIGNED BY OTHERS
- 18** PHOTO-CELL-HANDS OFF AUTO SWITCH (E.C. VIF LOCATION W/OWNER/PREFER FOR EXTERIOR LIGHTING)
- 19** 120V-20A ISOLATED CIRCUIT TO FUEL PANEL
- 20** E.C. TO PROVIDE J BLOCK 20A VERIFY LOCATION WITH SIGN MFR. AND OWNER. G.C. TO PROVIDE RECESS FOR BALLAST ECT COORD./SIGN CONTRACTOR
- 21** 1" SCH 40 U.G. CONDUIT FOR INTERCOM/CAMERA PANEL
- 22** 120V-20AMP ISOLATED GROUND ISOLATED CIRCUIT
- 23** EC TO VIF WITH OWNER PREFERENCE SWITCH OR CONTRACTOR CONTROLLED AREA LIGHTS
- 24** PANEL-OIL-SIGN ABOVE SIGN PANEL E.C. TO VIF W/ OWNER
- 25** 30 AMP DEDICATED SERVICE
- 26** PROVIDE AIR CURTAIN, J-BOX E.C. TO VIF w/ MFG. LOCATION
- 27** 200 to 254 VAC single phase: 3 wire, 30 amp; uses NEMA RL-630R receptacle
- 28** GROUND @ GAS LINE, CLOSEST POINT TO ENTRANCE PENETRATION
- 29** VIF PUMP TYPE-ARTESIAN -CENTRIFUGAL ARTESIAN = 3-P 30 AMP ALLOTTED
- 30** ELECTRICAL CONTRACTOR IS TO PROVIDE ALL FLEXIBLE (WHIPS) FROM DISCONNECTS
- 31** 3-P-60A NON-FUSED-3R- DISCONNECT
- 32** EC TO V.I.F. W/ OWNER AND COORDINATE FLOOR BOX (WALKER)



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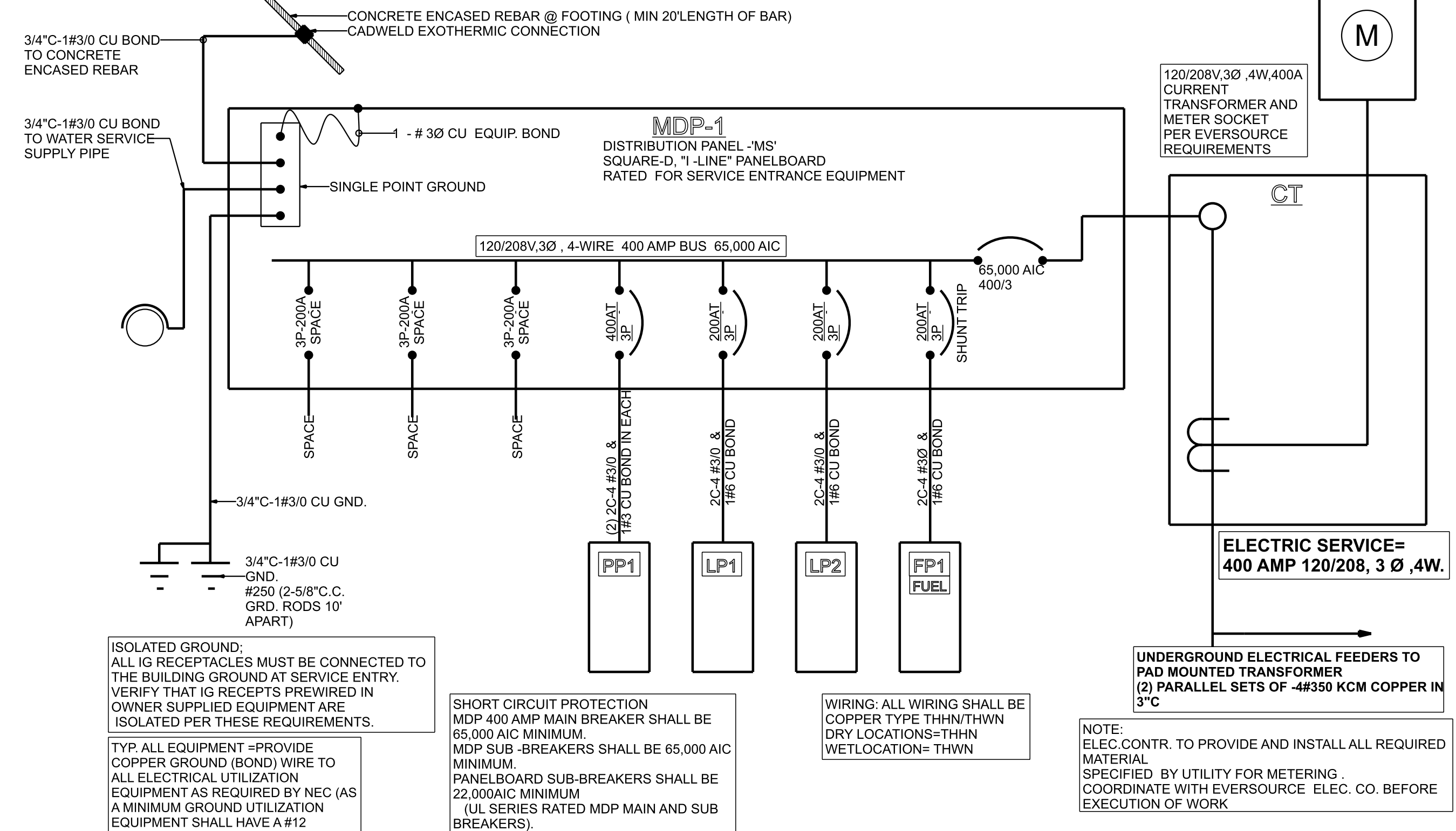
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 GALES FERRY, CT, 06335
 860-460-6388

CONVENIENCE STORE - SINGLE LINE DIAGRAM



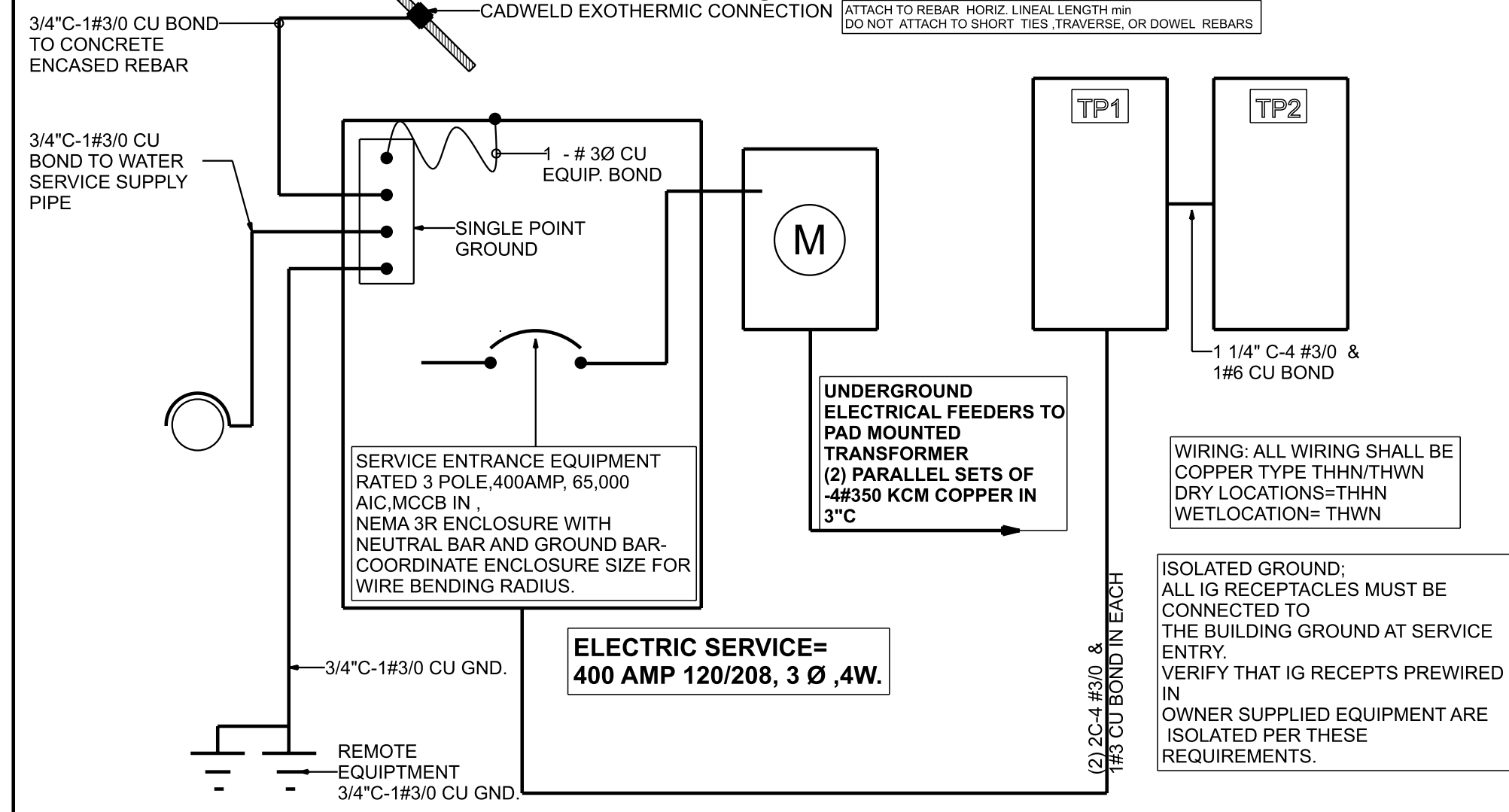
ISOLATED GROUND:
 ALL IG RECEPTACLES MUST BE CONNECTED TO THE BUILDING GROUND AT SERVICE ENTRY. VERIFY THAT IG RECEPTS PREWIRED IN OWNER SUPPLIED EQUIPMENT ARE ISOLATED PER THESE REQUIREMENTS.

SHORT CIRCUIT PROTECTION:
 MDP 400 AMP MAIN BREAKER SHALL BE 65,000 AIC MINIMUM. MDP SUB-BREAKERS SHALL BE 65,000 AIC MINIMUM. PANELBOARD SUB-BREAKERS SHALL BE 22,000 AIC MINIMUM (UL SERIES RATED MDP MAIN AND SUB BREAKERS).

WIRING: ALL WIRING SHALL BE COPPER TYPE THHN/THWN DRY LOCATIONS=THHN WETLOCATION=THWN

NOTE:
 ELEC. CONTR. TO PROVIDE AND INSTALL ALL REQUIRED MATERIAL SPECIFIED BY UTILITY FOR METERING. COORDINATE WITH EVERSOURCE ELEC. CO. BEFORE EXECUTION OF WORK

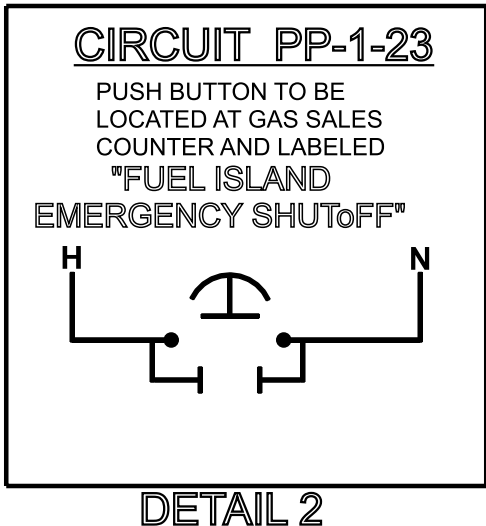
TENANT - SINGLE LINE DIAGRAM



ELECTRIC SERVICE=
 400 AMP 120/208, 3 Ø, 4W.

WIRING: ALL WIRING SHALL BE COPPER TYPE THHN/THWN DRY LOCATIONS=THHN WETLOCATION=THWN

ISOLATED GROUND:
 ALL IG RECEPTACLES MUST BE CONNECTED TO THE BUILDING GROUND AT SERVICE ENTRY. VERIFY THAT IG RECEPTS PREWIRED IN OWNER SUPPLIED EQUIPMENT ARE ISOLATED PER THESE REQUIREMENTS.

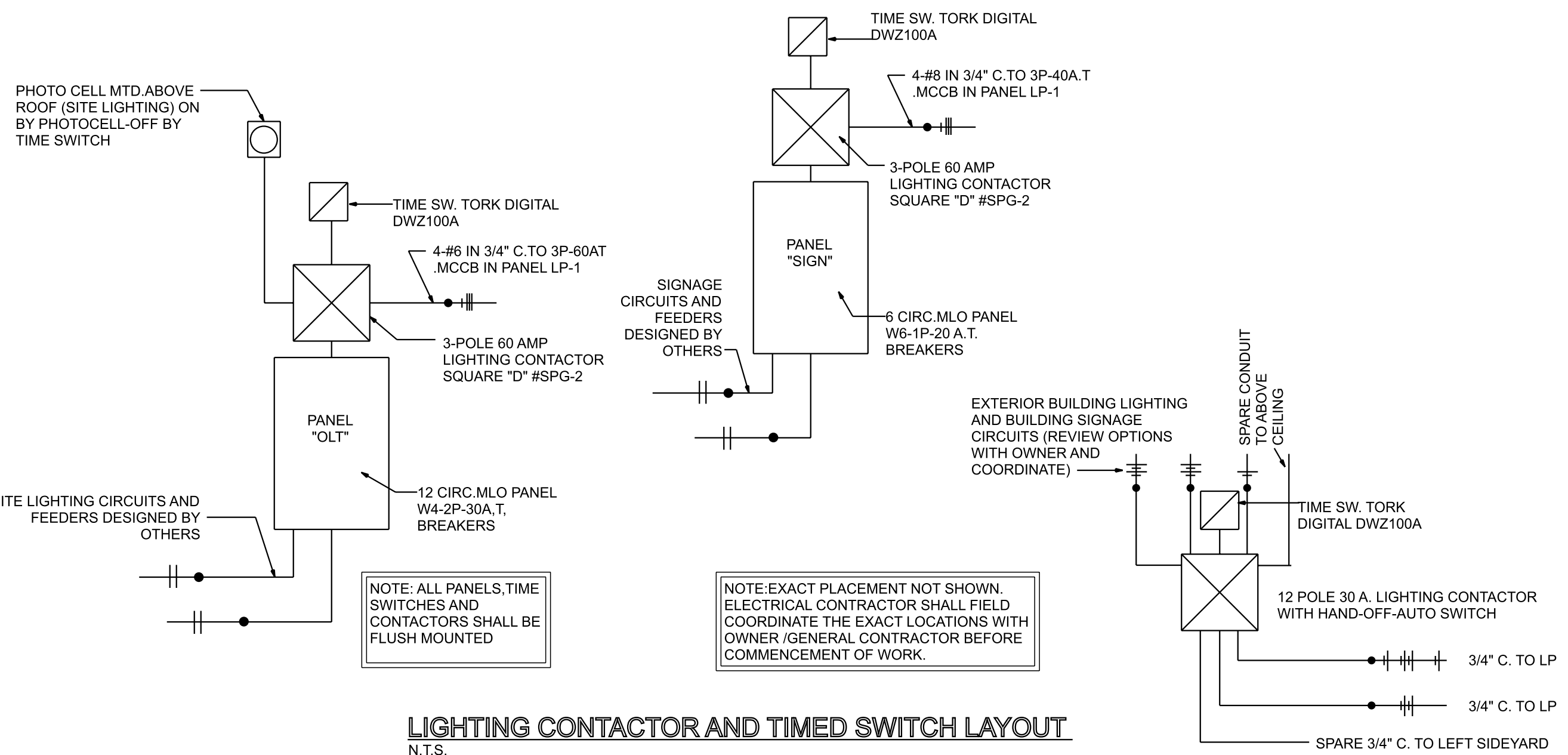


DETAIL 2

EMERGENCY STOP /CUTOFF SWITCH SHALL BE A SINGLE CONTROL THAT REMOVES AC POWER TO ALL FUEL ISLAND EQUIPMENT (PUMPS, DISPENSERS, SUBMERSIBLE TURBINE PUMPS, CANOPY LIGHTS, ECT). THE EMERGENCY POWER CUTOFF SWITCH, MUST ALSO REMOVE POWER TO AUXILIARY DEVICES THAT ARE ATTACHED TO THE DISPENSER SUCH AS COMMUNICATION WIRING, THIRD PARTY ADD-ON DEVICES, INTERCOM, AND ECT.

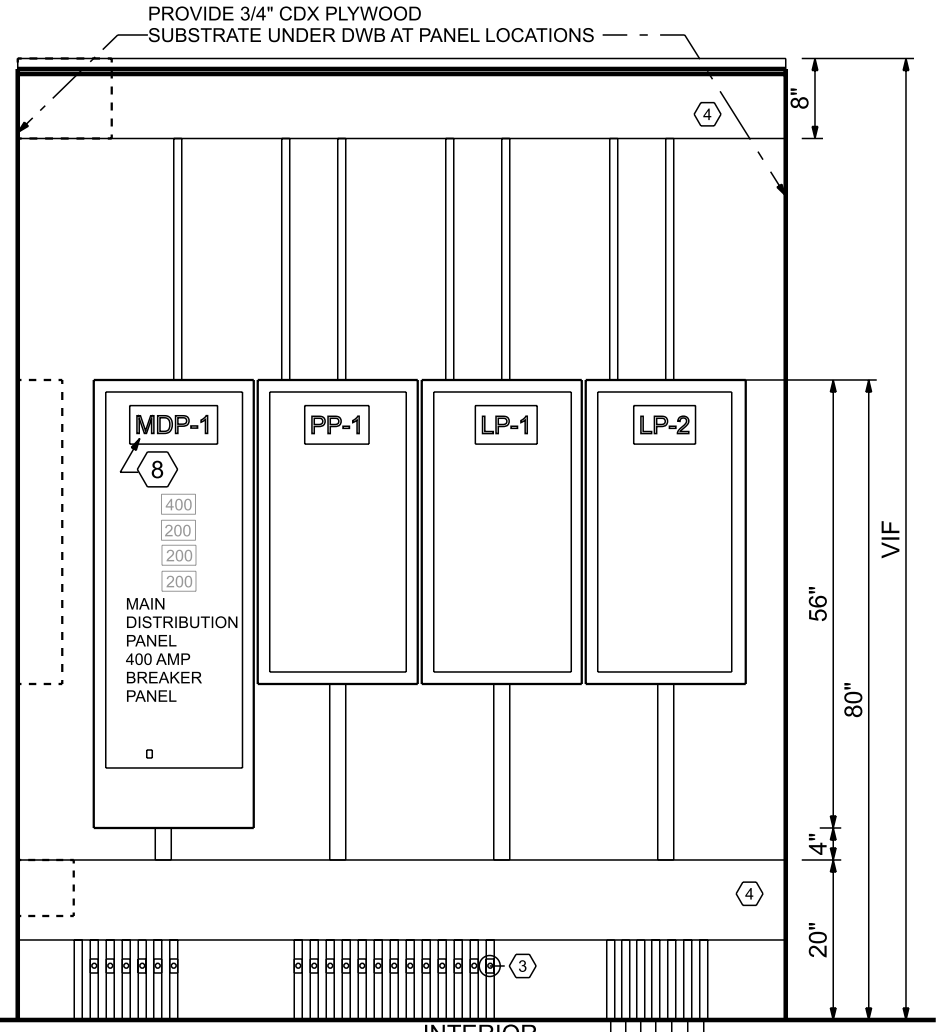
ELECTRICAL NOTES:
 1. ALL WIRING SHALL BE 600 VOLT COPPER BUILDING WIRE IN METALLIC RACEWAYS UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DRAWINGS.
 2. ALL WIRING #6 AND LARGER SHALL BE STRANDED WIRE AND #10 & SMALLER SHALL BE SOLID WIRE. INSULATION SHALL BE TYPE THHN OR THWN (THHN AT DRY LOCATIONS/THWN AT WET LOCATIONS).
 3. LIGHTING PANELBOARDS APPROVED EQUIVALENT BY CUTLER HAMMER, ITE, OR GE WILL BE ACCEPTABLE. ALL BRANCH CIRCUIT BREAKERS IN PANELBOARDS SHALL HAVE A MINIMUM 22,000 AMPS INTERRUPTING CAPACITY.
 4. FUSIBLE DISCONNECT SWITCHES SHALL BE SQUARE "D", CH, ITE, HEAVY DUTY TYPE/W DUAL ELEMENT FUSES.
 5. ELECTRICAL CONTRACTOR TO RUN ALL PHONE LINES AND CONNECT ALL PHONES FROM TELEPHONE PANEL. PROVIDE ALL WIRING FOR SECURITY SYSTEM AT SALES COUNTER. E.C. TO COORDINATE SEC. SYST. WIRING WITH G.C. OWNER.
 6. LOCATE AND PROVIDE PROTECTION TO ALL EXISTING UTILITIES BEFORE START OF ANY EXCAVATION. E.C. TO CALL BEFORE YOU DIG #811.
 7. INTERCOM SYSTEM AND ATM COMPONENT SHALL BE FURNISHED BY THE OWNER. ELECTRICAL CONDUIT FOR THIS EQUIPMENT, SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.
 8. USE WALKER FLOOR BOXES #RAKMI-R FOR RECESSED OUTLETS. FOR REPTS. BELOW FINISHED FLOOR.
 9. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL WHIPS AND FINAL CONNECTIONS FOR ALL EQUIPMENT.

LIGHTING CONTACTOR AND TIMED SWITCH LAYOUT
 N.T.S.

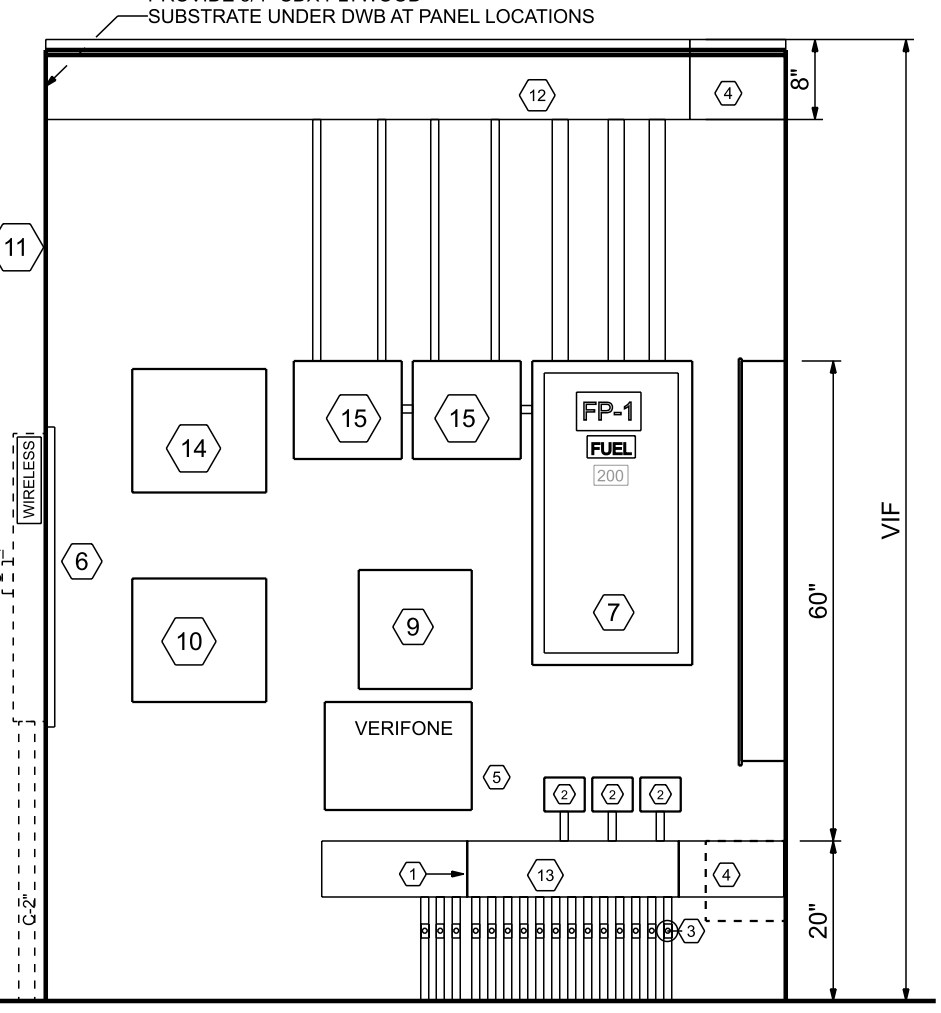


NOTE: ALL PANELS, TIME SWITCHES AND CONTACTORS SHALL BE FLUSH MOUNTED

NOTE: EXACT PLACEMENT NOT SHOWN. ELECTRICAL CONTRACTOR SHALL FIELD COORDINATE THE EXACT LOCATIONS WITH OWNER/GENERAL CONTRACTOR BEFORE COMMENCEMENT OF WORK.

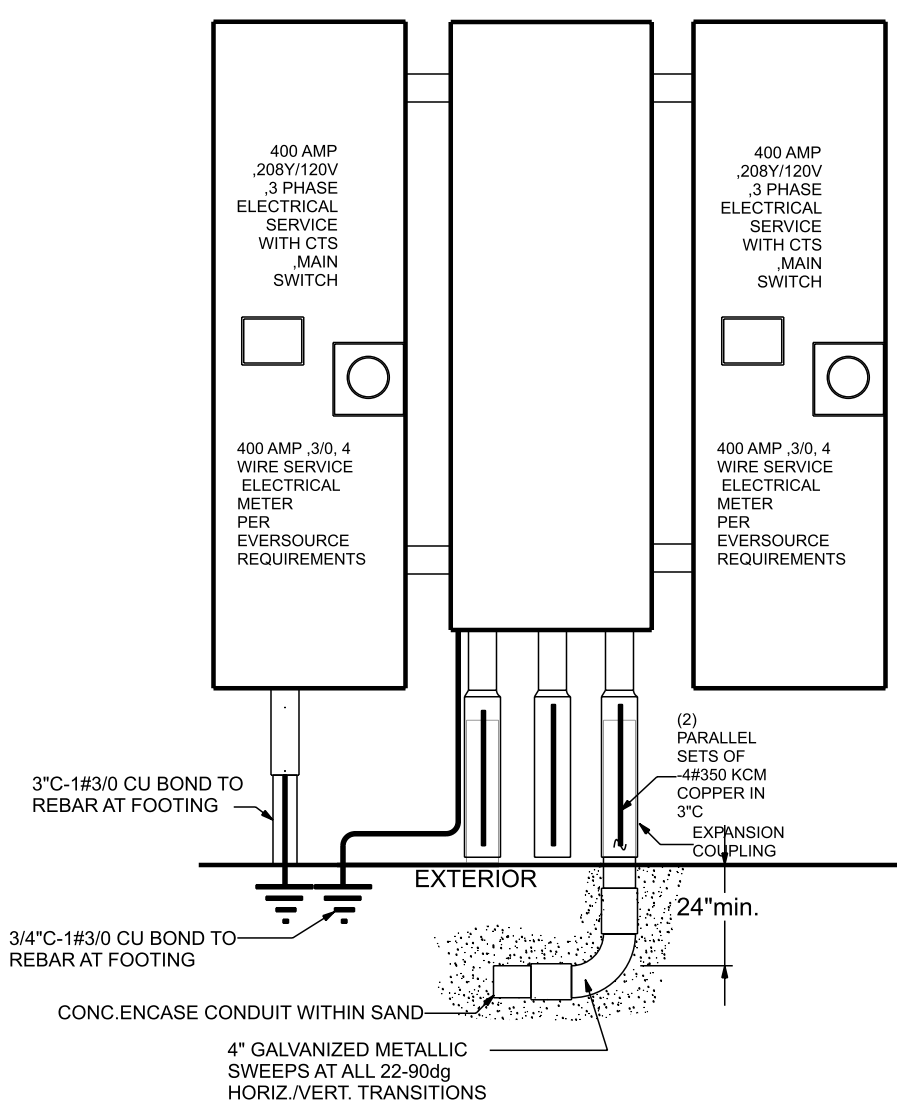


ENCLOSURE/PANEL LAYOUT
 Scale = 1/8" = 1'-0"

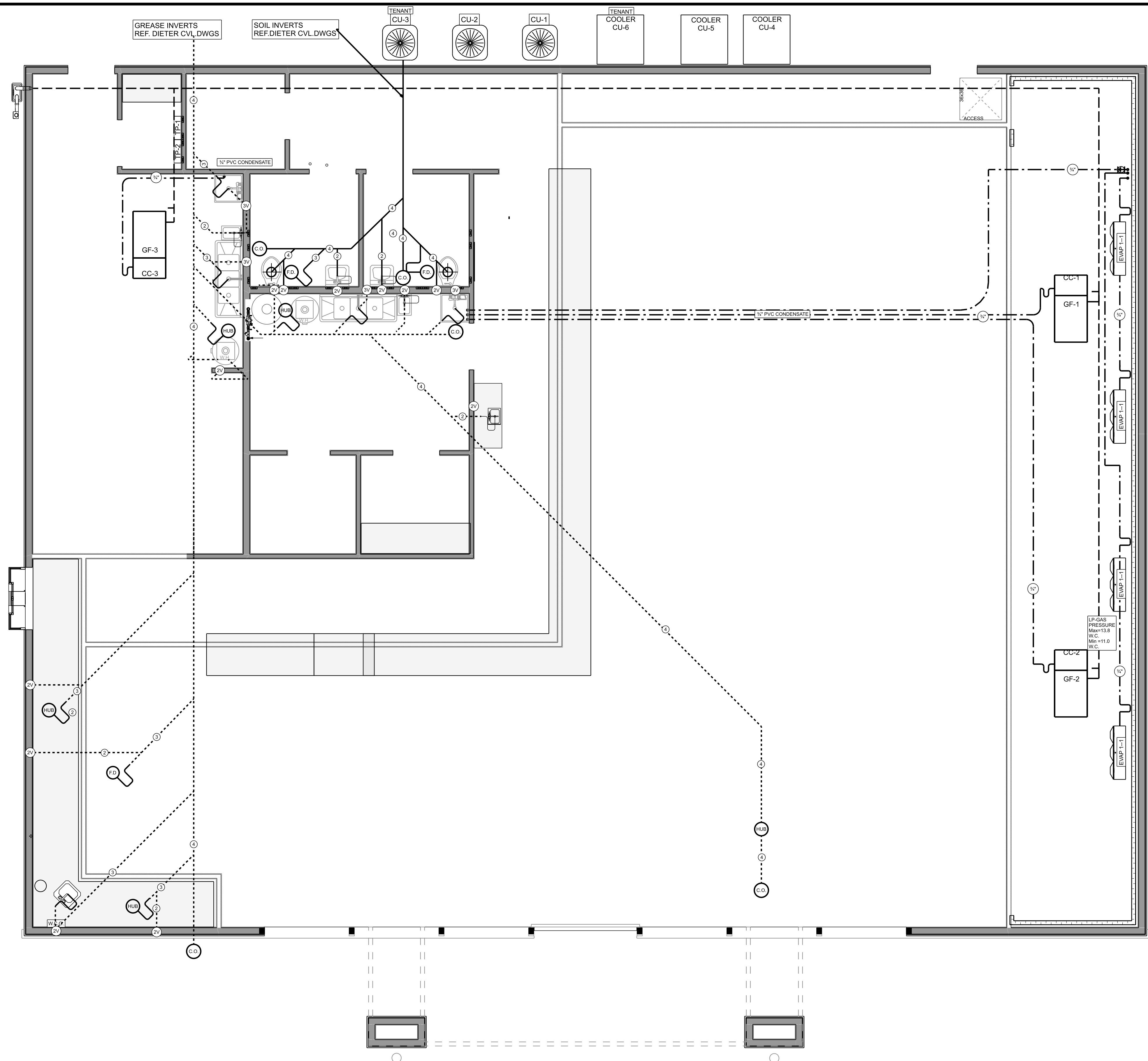


ENCLOSURE/PANEL LAYOUT
 Scale = 1/8" = 1'-0"

- ISOLATION BARRIERS - INTRINSICALLY SAFE WIRING FOR TANK MONITORING EQUIPMENT
- GILBARCO 2870 ISOLATION/RELAYS
- TYP. ALL CONDUIT TO FUEL ISLANDS - KILLARK FITTING WITH TYPE-SC SEALING COMPOUND
- 10"x 96"x 10" SCREW COVER TROUGH
- 1/8" REC. FOR DATA BOX
- EATON TELEPHONE /DATA CABINET 2436
- SHUNT - FP-1 PANEL REF-400A SINGLE LINE DIAGRAM THIS PAGE
- TYP. ALL PANELS PERMANENTLY AFFIXED 4"x 6" SIGN AS NOTED RED BACKGROUND 2" BLACK LETTERING PROVIDE CIRCUIT DESCRIPTION LABELS AT ALL BREAKERS
- GILBARCO DATA BOX
- HIGH SPEED DATA MODULE E.C. PROVIDE INTSAFE ENCLOSURE INTRINSICALLY SAFE WIRING
- E.C. TO VIF WIDENER LOCATION OF O.L.T. AND SIGN PANEL
- 10"x 72"x 10" SCREW COVER TROUGH
- 7"x 48"x 7" SCREW COVER TROUGH
- VEEDER-ROOT
- LIGHTING CONTROLS



3/4" - 1#3/0 CU BOND TO REBAR AT FOOTING
 CONC. ENCASE CONDUIT WITHIN SAND
 4" GALVANIZED METALLIC SWEEPERS AT ALL 22-2500 HORIZ./VERT. TRANSITIONS



GENERAL NOTES:

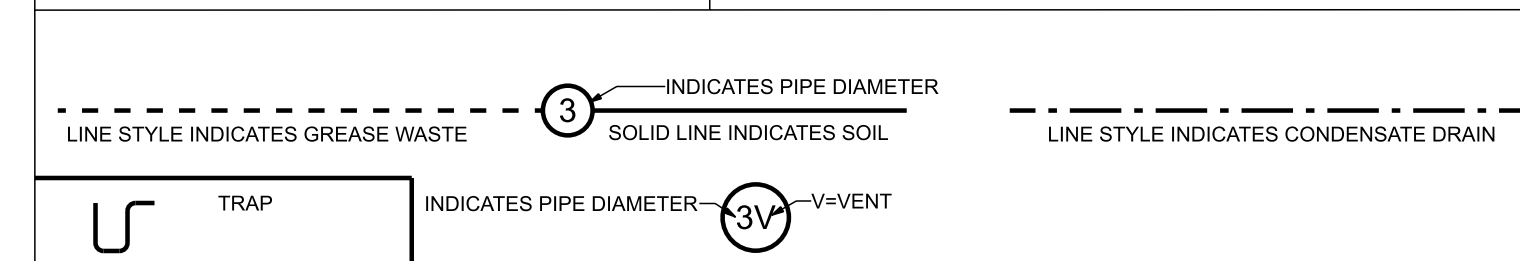
- SLOPE ALL 3" SANITARY DRAINS @ 1/4"V-12" H OR MORE. SLOPE ALL 4" SANITARY DRAINS AT 1/8"V-12" H OR MORE. SLOPE ALL VENT PIPING TO DRAIN TOWARDS FIXTURE.
- CONTRACTOR TO LOCATE AND VIF ALL SUB-SURFACE UTILITIES PIPING SEPTIC ECT. PLUMBING CONTR. SHALL CALL BEFORE YOU DIG (B11) AND HAVE ALL SUB-SURFACE MAN MADE MATERIALS LOCATED. SHOULD CONDITIONS EXIST OTHER THAN THOSE INDICATED WHICH WOULD CAUSE THE DESIGN TO BE ALTERED, PLUMBING CONTRACTOR, SHALL NOTIFY THE ENGINEER IMMEDIATELY PRIOR TO EXECUTION OF WORK.
- VENTS SHALL BE 2" UNLESS OTHERWISE NOTED (MAINTAIN VERTICAL PLUMB)
- PROVIDE TRAP SEALS-DEEP SEAL P-TRAPS FOR ALL FLOOR DRAINS AND HUB DRAINS.
- CLEANOUTS SHALL BE READY ACCESSIBLE. PLUMBING CONTR. SHALL COORDINATE ALL CLEANOUT LOCATIONS WITH EQUIPMENT CABINETS ECT. AND THE DESIGNER PRIOR TO ANY INSTALL.
- ALL VALVES TRAP PRIMERS SHOCK ARRESTORS OR OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILING SHALL BE INSTALLED BEHIND AN ACCESS PANEL.
- PLUMBING VENTS. TERMINATE FROM HORIZ. SURFACE = 2" MIN. AND 10'-0" MIN FROM ANY MAKE-UP AIR OR AIR INTAKE.
- PLUMBING CONTRACTOR TO PROVIDE CONDENSATE DRAINS AT RTU. TO APPROVED TERMINATION POINT.
- SANITARY PIPING -PVC. SCHEDULE 40 UNLESS OTHERWISE NOTED.
- PLUMBING CONTRACTOR SHALL COORDINATE INSTALLATION OF THE PLUMBING WORK WITH OTHER TRADES SO AS TO AVOID UNNECESSARY DELAY OR INTERFERENCE P.CONTR. TO REVIEW ALL ARCH. ELEC. MECH DRAWINGS.
- PLUMBING WORK SHALL BE INSTALLED IN ACCORDANCE TO ALL APPLICABLE STATE AND LOCAL ORDINANCES REGULATIONS AND CODES. P.CONTR. SHALL OBTAIN APPROVAL FROM REGULATING AGENCIES PRIOR TO EXECUTION OF WORK ALL PLUMBING WORK SHALL MEET OR EXCEED THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE 2015. INTERNATIONAL PLUMBING CODE UNLESS OTHERWISE REQUIRED BY THE DEPT. OF BUILDING AND SAFETY. PLUMBING CONTR. SHALL OBTAIN AND PAY FOR ALL PERMITTING FEES AND INSPECTIONS REQUIRED BY THE GOVERNING AUTHORITY.
- WATER PIPING SHALL BE TYPE "L" COPPER AT BUILDING INTERIOR. INSULATE AT COLD WATER PIPING= 1" FIBERGLAS PIPE INSULATION. 1-1/2" AT HOT WATER PIPING.
- PROVIDE AIR CHAMBERS AT ALL SINK LOCATIONS AND WHERE REQUIRED AS TO PREVENT WATER HAMMER.
- INSTALL SHUTOFF VALVES ON HOT AND COLD WATER SUPPLY TO FIXTURE OR APPLIANCE. ALL ROUGH STUB OUTS TO BE COPPER. ALL EXPOSED WATER AND WASTE PIPING SHALL BE CHROME PLATED.
- PROVIDE DIE ELECTRIC ISOLATION FITTINGS FOR ALL PIPING CONNECTED TO THE WATER HEATER.
- ALL VALVES, UNIONS, ECT. TO BE SAME SIZE AS PIPE UNLESS OTHERWISE NOTED.

SYMBOL SCHEDULE

SYMBOL	FIXTURE	MFR	CATALOG NUMBER	TRIM & OPTIONS	CONNECTIONS (MINIMUM)				NOTES
					CW	HW	WASTE	VENT	
	PRESSURE TANK				1.25"	-		1/2"	
	WATER CLOSET	ELOGER	091-1675 (ELONG)	CHURCH 380 TL OPEN FRONT WHITE SEAT AND BATTERY POWERED AUTOMATIC FLUSH VALVE AND MECHANICAL FLUSH LEVER	1/2"	-	4"	2"	HANDICAP ACCESS
	WALL MOUNT SINK	CRANE	1H-364V	AM STD 7156-172 FAUCET AUTOMATIC VALVE VERIFY MFR WITH OWNER	1/2"	1/2"	2"	1-1/2"	A.C.E
	MOP SINK	FIAT	MSB-2424	#830-AA FAUCET #885-GC MOP HANGER #832-AA HOSE/BRACKET	1/2"	1/2"	3"	1-1/2"	
	3-COMP. SINK	ADVANCE	FE-3-1620-18	STERLING 7276 FAUCET SCS26 STRAINERS	1/2"	1/2"	3"	2"	12" SPOUT
	BAR SINK	ELKAY BILGR-2115-L (SS)	WLK2223	BRASS TAILPIECE	1/2"	1/2"	2"	1-1/2"	TEMPERED WATER
	MIXED VALVE	WATTS	LFL-1170-US-M2	CAST COPPER SILICON ALLOY BODY	1/2"	1/2"			F
	A.O. SMITH GLASS LINED WATER HEATER MODEL DRE GOLD 50 GALLON 18 KW 208 VOLT 3 PHASE. WITH COMBINATION PRESSURE & TEMP. RELIEF VALVE MANUFACTURER APPROVED EXPANSION TANK. PIPE FULL SIZE DISCHARGE TO HUB/RAIN WITH APPROVED AIR GAP. 75 GPH MAKE-UP AT 100 DG.F. TEMP. RISE				1"	1"		2"	HUB LOCATE IN ACCORDANCE WITH MFR SPEC
	FLOOR DRAIN	ZURN	ZN415-6B 3"	6" N.B. ADJUSTABLE TOP			3" DRAIN	2"	
	FLOOR SINK	ZURN	Z1900-18-6B 4"				4" DRAIN		
	FIELD CLEAN OUT	ZURN	CO2449-PV4	6" BRASS. ADJUSTABLE TOP			4" CLEAN OUT		
	HUB DRAIN	ZURN	ZN415-6B 3"	6" N.B. ADJUSTABLE TOP			3" DRAIN		
	KEYED WALL HYDRANT	ZURN	Z1321-CXL-6	7-1/8" STAINLESS STEEL w/ Key	3/4"				G
	HAND WASHING SINK	ADVANCE	7-PS-96	FREE STANDING WITH SIDE GUARDS / NSF S.S. CABINET BASE	1/2"	1/2"	2"	1-1/2"	
	WALL CLEAN OUT	PVC		STAINLESS ESCUTCHEON WITH STAINLESS PLUG			3"	2"	
	AIR CHAMBER	ZURN		PRE CHARGED NITROGEN	1/2"	1/2"			
	EVAPORATOR FAN			REFER TO COOLER MFR.DWGS					

NOTES:
 A. CHROME PLATED ANGLE SUPPLY 3/8" x 1/2" FLEXIBLE RISER WHEEL HANDLE ESCUTCHEON
 B. BOLT CAPS WITH RETAINER CLIPS
 C. 1 1/4" TUBULAR P-TRAP W/CLEANOUT PLUG & ESCUTCHEON
 D. 1 1/2" TUBULAR P-TRAP W/CLEANOUT PLUG & ESCUTCHEON
 E. HANDICAP DRAIN ASSEMBLY
 PROVIDE SHOP DRAWINGS OF ALL PLUMBING FIXTURES AND SINKS TO OWNER FOR OWNERS APPROVAL PRIOR TO ORDERING OF ITEMS
 F. TEMPERING VALVE AT BOTTOM OF WOOD TRUSS CEILING CORD (BELOW INSULATION ABOVE ACOUSTICAL CEILING)-UCN
 G.P.C. TO PROVIDE RECESS WALL BOX FOR HYDRANT INSTALL COORDINATE WITH MFR. SPEC.

LINE/PIPE SYMBOL SCHEDULE



ACCESSIBILITY NOTES

- TOILET FLUSH CONTROLS SHALL BE OPERABLE, WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING PINCHING OR TWISTING OF THE WRIST. CONTROLS SHALL BE MOUNTED NO MORE THAN 44" A.F.F., THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5LBS.FF.
- A CLEAR FLOOR SPACE 30" WIDE X 48" LONG SHALL BE PROVIDED IN FRONT OF LAVATORIES TO ALLOW FORWARD APPROACH. SUCH CLEAR FLOOR SPACE SHALL ADJOIN OR OVERLAP AN ACCESSIBLE ROUTE AND SHALL EXTEND INTO KNEE AND TOE SPACE UNDER LAVATORIES.
- HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACE UNDER LAVATORIES. USE HANDGUARD KIT ON HW, CW AND WASTE.
- FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING PINCHING OR TWISTING OF THE WRIST. CONTROLS SHALL BE MOUNTED NO MORE THAN 44" A.F.F., THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5LBS.FF.
- FLUSH HANDLES SHALL BE ON THE WIDE SIDE OF THE WATER CLOSET.

DWV SCHEDULE

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

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NO.	DATE	BY	DESCRIPTION

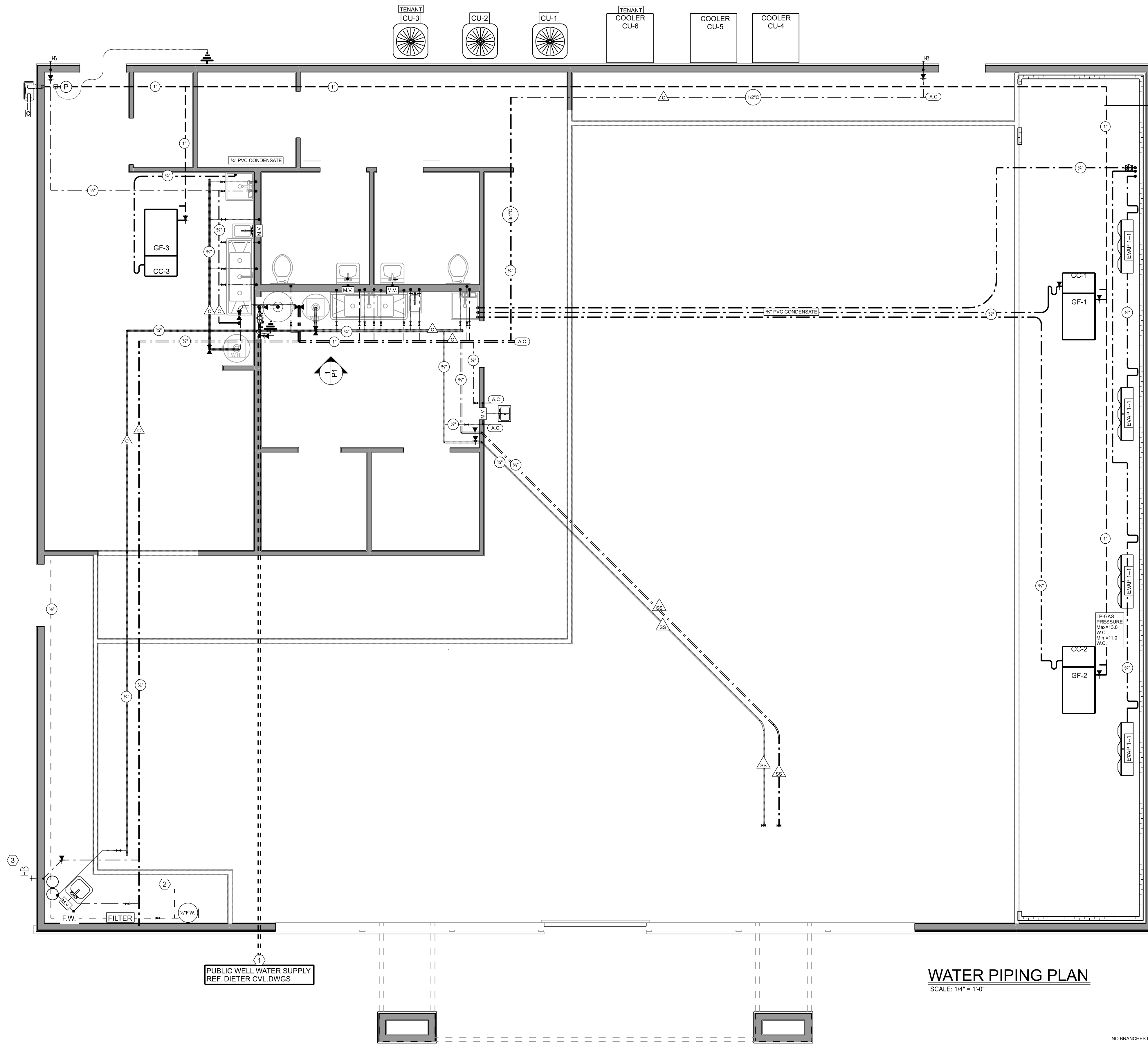
PHASE:
CONSTRUCTION SET

PROJECT DETAILS
 NEW
 BEST WAY
 CONVENIENCE STORE
 76 NORWICH-WESTERLY RD.
 NORTH STONINGTON ,CT.
 06359
 PREPARED FOR:
 JANNAT LLC
 P.O. BOX 126
 NORWICH, CT 06360

FILE REF:
 NATIONAL-N.C. T-5-B-M-U-NS
 BW-CS-76-NRWCH-WSTRLY-RD-N.S.-CT

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 06359-6089636-1
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 P.O. BOX 353
 GALES FERRY, CT, 06335
 860-460-6388



WATER PIPING PLAN
SCALE: 1/4" = 1'-0"

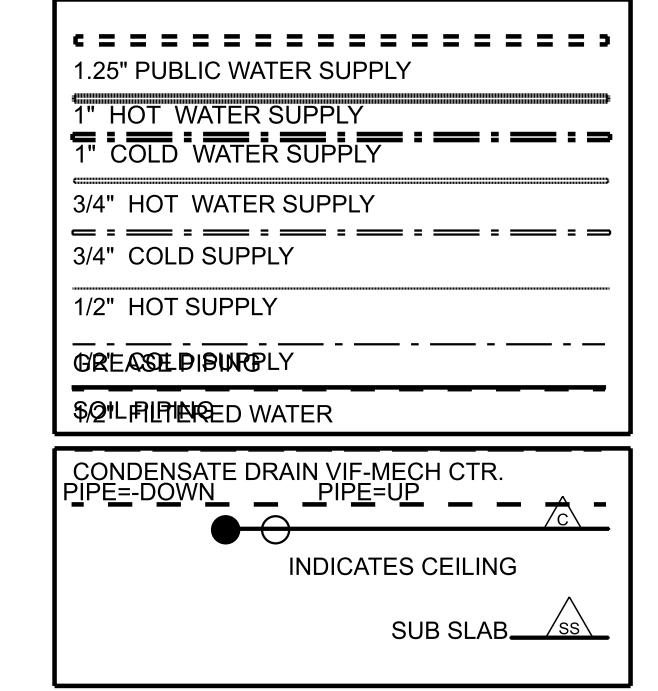
PIPING MATERIALS SCHEDULE						FITTINGS		MAX WORKING		FIELD TEST		
SYSTEM	SIZE	TYPE	SCH	GRD	ASTM	MATERIAL	MAT.	ATTACH/WELD	PSI	TEMP (F)	PSI	TIME
SUB-GRADE SOIL AND WASTE	ALL	PVC	40	-	D17-85	PVC	PVC	SLP-WLD	-	50-180	8FT	0:30 min
ABOVE-GRADE SOIL AND WASTE	ALL	PVC	40	-	D17-85	PVC	PVC	SLP-WLD	-	50-180	8FT	0:30 min
DOMESTIC WATER ABOVE-GRADE	ALL	L	-	-	F-877	CROSS LINKED POLYETHYLENE	PEX	PRESS	120	40-180	180Lb	60:0 min
DOMESTIC WATER SUB-GRADE	ALL	K	-	-	B88	CROSS LINKED POLYETHYLENE	PEX	PRESS	120	40-180	180Lb	60:0 min
CONDENSATE DRAIN	ALL	PVC	40	-	D17-85	PVC	PVC	SLP-WLD	-	40-80	8FT	0:30 min
FILTERED WATER	ALL	L	-	-	F-877	ALUMINA-PEX	ALUMA-PEX	PRESS	120	40-180	180Lb	60:0 min
THRU-WALL SLEEVES	ALL	PVC	SDR	35	D17-85	PVC	PVC	SLP-WLD	-	-	-	-

SYMBOL DESCRIPTION LOCATED PAGE P-1

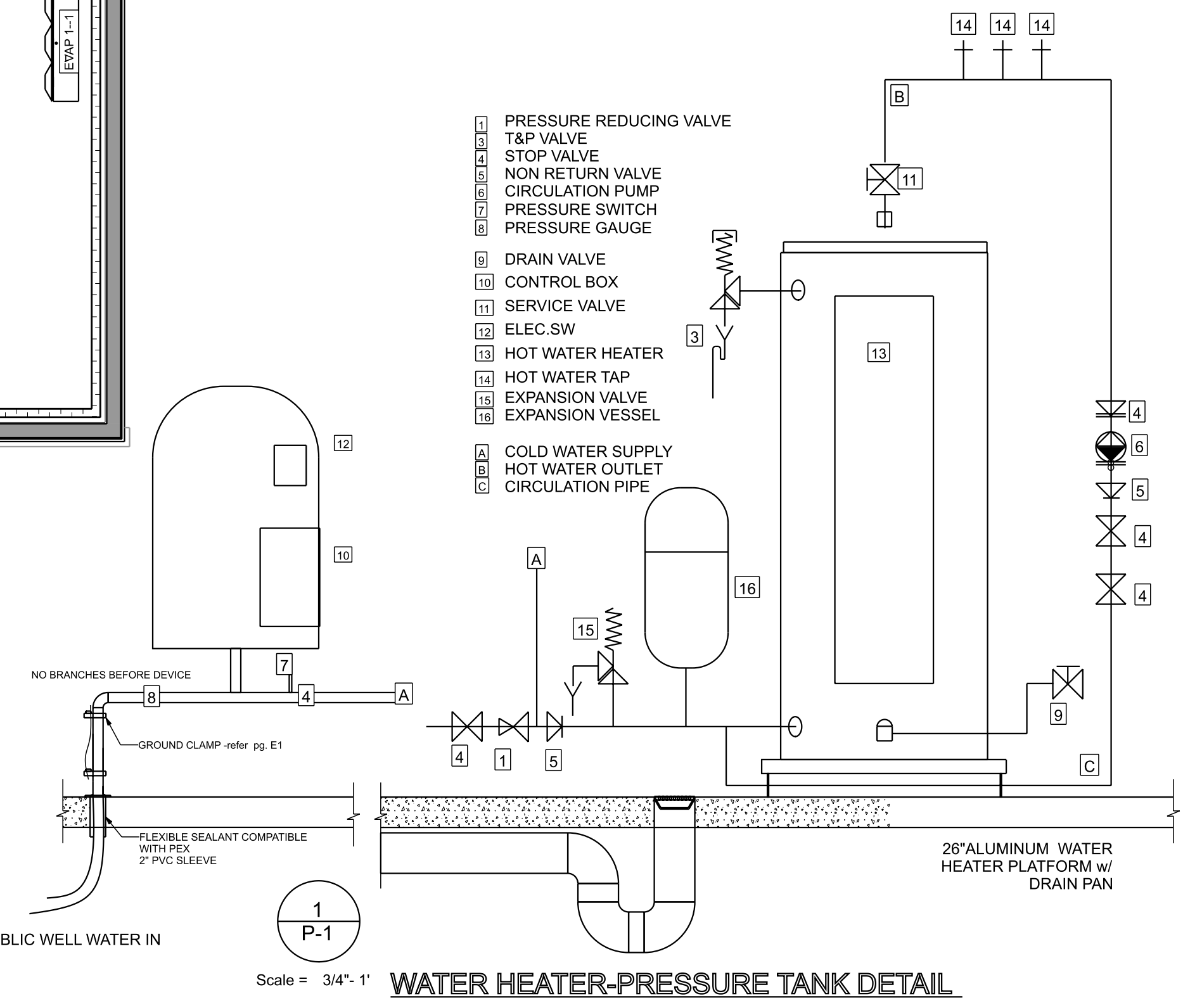
PLAN NOTES.

- ① 1.25" BLUE BARRIER PEX BELOW FROST LINE NO COUPLING OR FITTINGS BELOW SLAB REFER TO CIVIL SITE
- ② 1/2" SUPPLY TO CUBER, PLUMBING CTR. SHALL VIF LOCATION w/OWNER AND COORDINATE W/CABINET CONTR.
- ③ 3/4" SUPPLY TO AIR/WATER STATION P.C. TO COORDINATE W/CIVIL AND MFR.

LINE LEGEND



ALL PIPING FOR PROPANE -LP- FUEL DISPENSING BY OTHERS
ALL PIPING SHALL BE INSULATED PER SPECIFICATIONS P-1



Scale = 3/4" = 1'

WATER HEATER-PRESSURE TANK DETAIL

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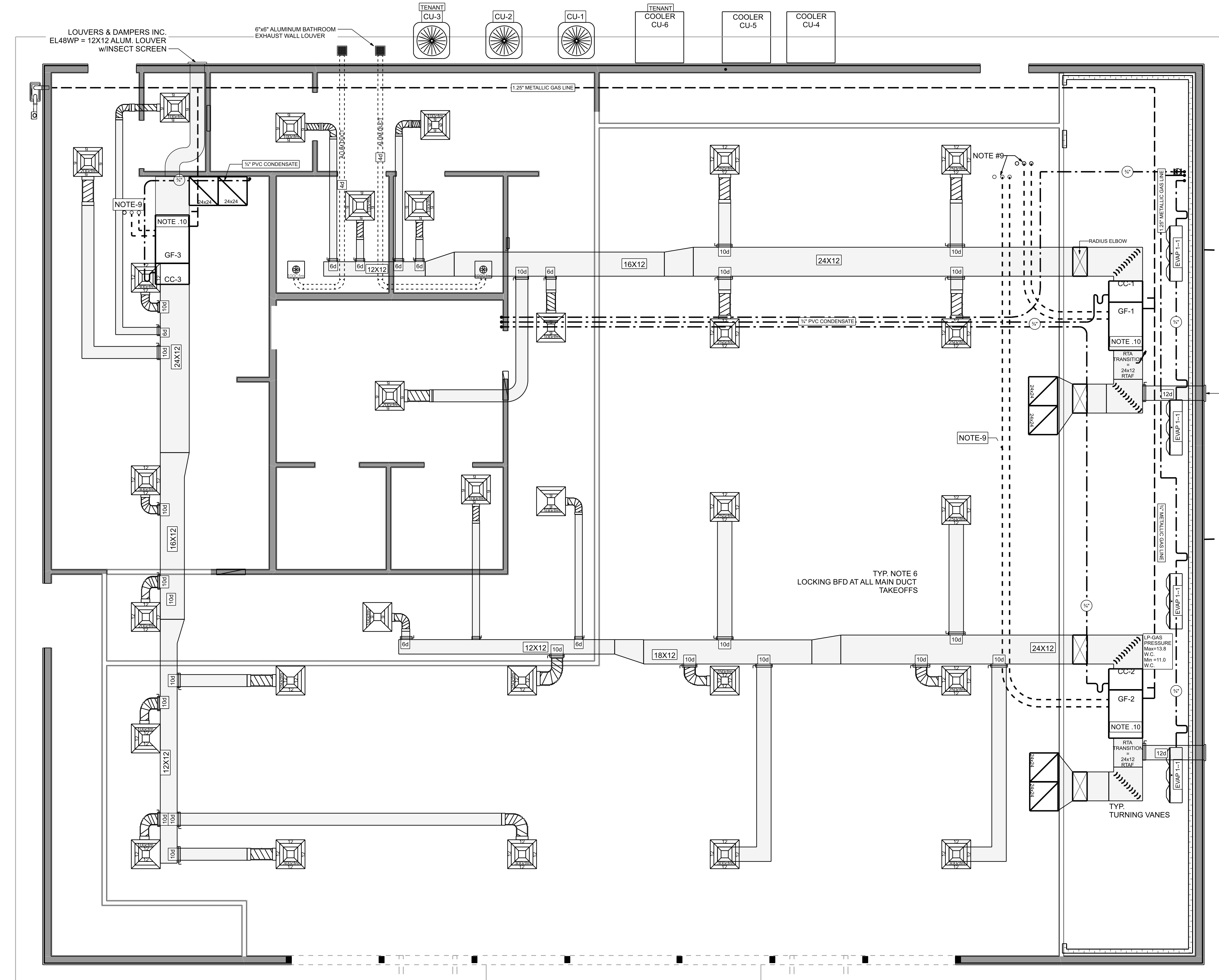
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NEW BEST WAY CONVENIENCE STORE
76 NORWICH-WESTERLY RD.
NORTH STONINGTON, CT. 06359
PREPARED FOR:
JANNAT LLC
P.O. BOX 126
NORWICH, CT 06360

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860-460-6388



INTAKE - EXHAUST - PROVIDE A MINIMUM OF 10'-0" CLEARANCE
 INTAKE - VENTS - PROVIDE A MINIMUM OF 10'-0" CLEARANCE
 COORDINATE POWER VENTING OF LP UNITS.

ELECTRICAL CONTR. SHALL PROVIDE CONDUITS AND BOXES FOR ALL AHU SMOKE DETECTORS ALARM SYSTEM
 COORDINATE WITH MECH. CONTR. PROVIDE COPPER GROUND BOND TO ALL ELECTRICAL UTILIZATION EQUIPMENT.
 NEC MINIMUM #12 COPPER BOND GROUND WIRE

WALK-IN-COOLER, DRINK MACHINES, ICE MAKER, INCLUDING REFRIGERATION EQUIPMENT, REFRIGERANT PIPING
 TO BE PROVIDED AND INSTALLED AND STARTED UP BY THE OWNER

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MECHANICAL NOTES

- ALL DUCTWORK DIMENSIONS SHOWN ARE NET INTERIOR DIMENSIONS. ALL DUCTWORK SHALL BE GALVANIZED SHEET METAL CONSTRUCTED TO THE LATEST SMACNA STANDARDS. INSULATE ALL SUPPLY, RETURN AND OUTSIDE AIR. DUCTWORK WITH 1.5" THICK, 38lb PER CUBIC FOOT DENSITY FOIL FACED FIBERGLAS DUCT INSULATION. STAPLED ATAPED TO EXTERIOR OF DUCT.
- CEILING SUPPLY DIFFUSERS IN LAY-IN CEILING AREAS SHALL BE TITUS #TMSA-AA WITH SQUARE TO ROUND ADAPTERS AND VOLUME DAMPERS/FULL PANEL LAY-IN FOR 2'x2' GRID; IN DWB CEILING AREAS, SUPPLY DIFFUSERS SHALL BE TITUS #TDC-A-AA WITH SQUARE TO ROUND ADAPTERS. CEILING RETURN AIR GRILLES SHALL BE TITUS 50F 0.5" x 0.5" x 0.5" w/SQ. TO RND ADAPTERS AND/OR PLENUM (FULL PANEL LAY-IN FOR A 2'x2' GRID). CEILING RETURN AIR GRILLES SHALL HAVE REMOVABLE CORES THAT CAN BE CLEANED.
- FLEXIBLE DUCTS FROM BRANCH DUCTWORK TO CEIL DIFFUSERS SHALL BE GENFLEX TYPE F146 INSULATED LOW PRESSURE THP. (WITH LOCKING BUTTERFLY DAMPER AT METAL DUCT TAKEOFF FITTING)
- APPROVE EQUIVALENT DIFFUSERS AND GRILLES BY ANEMOSTAT OR KRUGER WILL BE ACCEPTABLE.
- APPROVE EQUIVALENT AIR CONDITIONING EQUIPMENT BY AMERICAN STANDARD, TRANE OR LENNOX WILL BE ACCEPTABLE.
- ACU SHALL BE PROVIDED WITH SMOKE DETECTORS IN THE SUPPLY AND RETURN DUCTS. PROVIDE AUDIBLE ALARMS IN THE SALES AREA WITH INDICATOR LABEL.
- ALL EQUIPMENT UNITS SHALL BE NUMBERED AND LABELED IN ACCORDANCE TO THE DESIGN. PERMANENTLY AFFIX A WEATHERPROOF SIGN OR NUMBERS VISIBLE FROM REAR LOCATION AND TOP OF EACH UNIT.
- CO2 DETECTOR SHALL BE INSTALLED 36" MIN 6" MAX. HORIZ DISTANCE FROM -FIRST IN LINE SUPPLY DIFFUSER
- 4" SCHEDULE 40 PVC INTAKE AND EXHAUST PIPING FOR CONDENSING GAS FURNACES-PROVIDE AND INSTALL ALL ITEMS AS REQUIRED IN THE GAS FURNACE INSTALLATION MANUAL INCLUDING EXHAUST CONDENSATE OUTFALL PIPING (PIPE TO SUITABLE DRAIN)-ALL INTAKE AND EXHAUST PIPING SHALL BE INSULATED WITH 1/2" ARMAFLEX PIPE INSULATION-CONTRACTOR MAY DOWNSIZE INTAKE AND EXHAUST PIPING IF REDUCED SIZES/TOTAL DEVELOPED LENGTH REQUIREMENTS AS LISTED IN THE INSTALLATION MANUAL ARE MET AT EACH GF.
- HANG UNIT - PROVIDE UNISTRUT FASTENED TO MIN. 3 TRUSSES w/ 1-0.25" x 5" STRUCT SCREW AT EACH TRUSS AND 2@ EACH END
 PROVIDE min 0.25" ALL THREADED ROD TO UNIT SUPPORT UNISTRUT. PROVIDE INSULATION AND PAN ALL CONNECTION SHALL HAVE 1/2" x 1" dia. RUBBER ISOLATION WASHERS AT EACH SUPPORT.

CFM / DIFFUSER DESC.

INDICATES DIFFUSER SIZE
 NUMBERED SIDES INDICATES DIRECTIONAL SUPPLY AIR
 4-NUMBERED SIDES SHOWN INDICATE 4-WAY SUPPLY
 INDICATES CFM

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

EXTERIOR DESIGN CONDITIONS

SEASON	DRY-BULB (DEG F)	WET-BULB (DEG F)	WIND (MPH & DIR)
SUMMER	94	82	7.0 S
WINTER	0	N/A	9 NW

CONDENSING UNIT DESCRIPTION

PLAN	CONDITIONED AREA	COOLING CAPACITY	UNIT ELECTRIC DATA	WEIGHT (LBS.)	MANUFACTURER	MODEL NUMBER
		NOMINAL TONS	MIN. (MBH) TOT/SEN	IEER	VOLTS/PHASE	MCA MOCP
CU-1	RETAIL AREA	5	60/47	13	208/1	34.7 60 246
CU-2	RETAIL AREA	5	60/47	13	208/1	34.7 60 246
CU-3	TENANT AREA	5	60/47	13	208/1	34.7 60 246

GAS FURNACE DESCRIPTION

PLAN	CONDITIONED AREA	FAN DESC.	HEATING CAPACITY	UNIT ELECTRIC DATA	WEIGHT (LBS.)	MANUFACTURER	MODEL NUMBER
			CAPACITY (MBH)	STAGES	VOLTS/PHASE	MCA	MOCP
GF-1	RETAIL AREA	2000	07 75 VARIABLE 92.2	1	120/1	12.9 20	185
GF-2	RETAIL AREA	2000	07 75 VARIABLE 92.2	1	120/1	12.9 20	185
GF-3	TENANT AREA	2000	07 75 VARIABLE 92.2	1	120/1	12.9 20	185

COOLING COIL DESCRIPTION

PLAN	CONDITIONED AREA	TONS	MBH-TOT-SEN	IEER	MFR.-MODEL #
CC-1	RETAIL AREA	5	60/47	13	AMERISTAR #M4CX061BD1CAAA
CC-2	RETAIL AREA	5	60/47	13	AMERISTAR #M4CX061BD1CAAA
CC-3	TENANT AREA	5	60/47	13	AMERISTAR #M4CX061BD1CAAA

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