

- FOUNDATION NOTES - (CONTINUED):**
1. ALL SOIL CONTAINING ORGANIC OR UNSATURATED BEARING MATERIAL SHALL BE CLEARED FROM THE BUILDING FOOTPRINT.
 2. ALL SUBGRADE FOOTINGS SHALL BE FOUNDED UPON ALL SOILS TO BE FOUNDED UPON.
 3. ROCK SHALL BE EXCAVATED TO A MINIMUM OF 4" BELOW BOTTOM OF FOOTING ELEVATION AND COVERED WITH A LAYER OF COMPACTED GRAVEL.
 4. A MODIFIED PROCTOR TEST SHALL BE PERFORMED BY A SOILS TESTING LAB ON EACH TYPE OF SOIL TO BE COMPACTED.
 5. SOIL SHALL BE COMPACTED TO NOT LESS THAN 95% OF MAXIMUM DRY DENSITY PER ASTM D1557 IN LIFTS NOT TO EXCEED 6" LOOSE DEPTH.

- FOUNDATION NOTES - (CONTINUED):**
6. FIELD DENSITY TESTS SHALL BE PERFORMED BY AN INDEPENDENT SOILS TESTING AGENCY. A COPY OF ALL TEST REPORTS SHALL BE FILED WITH THE ARCHITECT.
 7. BRICKLUM SPANNEREDLY AGAINST ALL FOUNDATION WALLS IN CONCRETE SHALL BE 4" MINIMUM THICKNESS.
 8. SEE BUILDING AND ELECTRICAL DRAWINGS FOR UNDER FLOOR SYSTEMS AND SPECIAL GRANULAR FILL MATERIAL REQUIREMENTS.
 9. NO FOOTINGS OR SLABS SHALL BE POURED INTO OR AGAINST SUBGRADE CONTAINING FREE WATER OR ICE.
 10. ALL SLABS-ON-GRADE SHALL BE PLACED ON A 10 MIL VAPOR BARRIER AND SHALL BE PROTECTED BY AN ADDITIONAL SUBGRADE PREPARATION REQUIREMENTS WITH GEOTECHNICAL REPORT.

- CONCRETE NOTES - (CONTINUED):**
1. ALL CONCRETE WALLS AND CONCRETE EXPOSED TO THE WEATHER SHALL CONTAIN AN APPROVED AIR ENTRAINING ADJUVANT AND SHALL HAVE A COMPRESSIVE STRENGTH OF NOT LESS THAN 4000 PSI.
 2. ALL OTHER CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF NOT LESS THAN 3000 PSI AT 28 DAYS AND CONTAIN NO AIR ENTRAINMENT.
 3. ALL CONCRETE SHALL CONTAIN AN APPROVED WATER-REDUCING ADJUVANT.
 4. ALL CONCRETE TESTS CHARGES SHALL BE TAKEN BY AN INDEPENDENT TESTING LAB ON EACH CONCRETE ELEMENT EXCEEDS 5 CUBIC YARDS, ONE CYLINDER SHALL BE BROKEN AT 7 DAYS, TWO AT 28 DAYS, AND ONE AT 56 DAYS. A COPY OF ALL TEST REPORTS SHALL BE FILED WITH THE ARCHITECT.
 5. NO CALCIUM CHLORIDE SHALL BE USED IN ANY CONCRETE.
 6. EACH TYPE OF CONCRETE.
 7. ALL REINFORCING BARS SHALL BE ASTM A-615 GRADE 60 UNLESS NOTED OTHERWISE.

- CONCRETE NOTES - (CONTINUED):**
8. CHECKED SHOP DRAWINGS (S-D) SHOWING REINFORCING DETAILS INCLUDING STEEL STRES, SPACING AND PLACEMENT SHALL BE SUBMITTED BY THE CONTRACTOR FOR APPROVAL PRIOR TO FABRICATION.
 9. ALL REINFORCING BAR SPACES SHALL CONFORM TO REQUIREMENTS OF ACI 318, BUT IN NO CASE SHALL THEY BE LESS THAN 2"-0".
 10. DOORS SHALL MATCH SIZE AND SPACING OF MAIN REINFORCING.
 11. CONSTRUCTION JOINTS IN ALL WALLS SHALL BE NOT REINFORCED APART THAN 60 FEET IN ANY DIRECTION. SEE DETAIL ON DWG 5/3/1 FOR CONSTRUCTION AND/OR SHRINKAGE JOINTS. SEE DETAIL ON DWG 5/3/1 FOR WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185, Fy=60 KSI.
 12. ALL WELDED WIRE FABRIC SHALL BE LAPPED TWO (2) FULL MESH PANELS AT SIDES AND ENDS AND BE SECURELY WIRED TOGETHER.
 13. SEE ARCHITECTURAL DRAWINGS FOR TYPE AND LOCATION OF ALL FLOOR FINISHES, FLOOR DEPRESSIONS AND CUT OUTS.
 14. COORDINATE ALL FOUNDATION PENETRATIONS WITH ARCHITECT, PLUMBING, MECHANICAL, ELECTRICAL CONTRACTORS AND LOCAL AGENCIES.

FOUNDATION PLAN NOTES

- TOP OF CONCRETE SLAB CALLED ELEV. 0'-0"
- [X-X'] - INDICATES TOP OF WALL ELEV.
 - [-X'-X'] - INDICATES BOTTOM OF FOOTING ELEV. [MIN. 5'-0" BELOW GRADE]
 - (S1) - PROVIDE FOOTING STEPS AS NOTED
 - (S2) - INDICATES SHRINKAGE CONTROL JOINT (SEE DETAIL 9/5-3.1)
 - (F) - INDICATES FOOTING MARK. SEE SCHEDULE.
- REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS OF ALL OPENINGS AND LOCATION OF INTERIOR WALLS NOT SHOWN ON THIS DRAWING.

DESIGN LOADS (EXCEPT AS NOTED)
 CODE - (ME STATE BUILDING CODE, 2003 INTERNATIONAL BUILDING CODE) (PORTLAND, ME)

SLAB LOADS -:
 RETAIL AREAS (FIRST FLOOR) 100 PSF
 STORAGE AREAS (LIGHT) 125 PSF
 CONCENTRATED LOAD 1000 LB

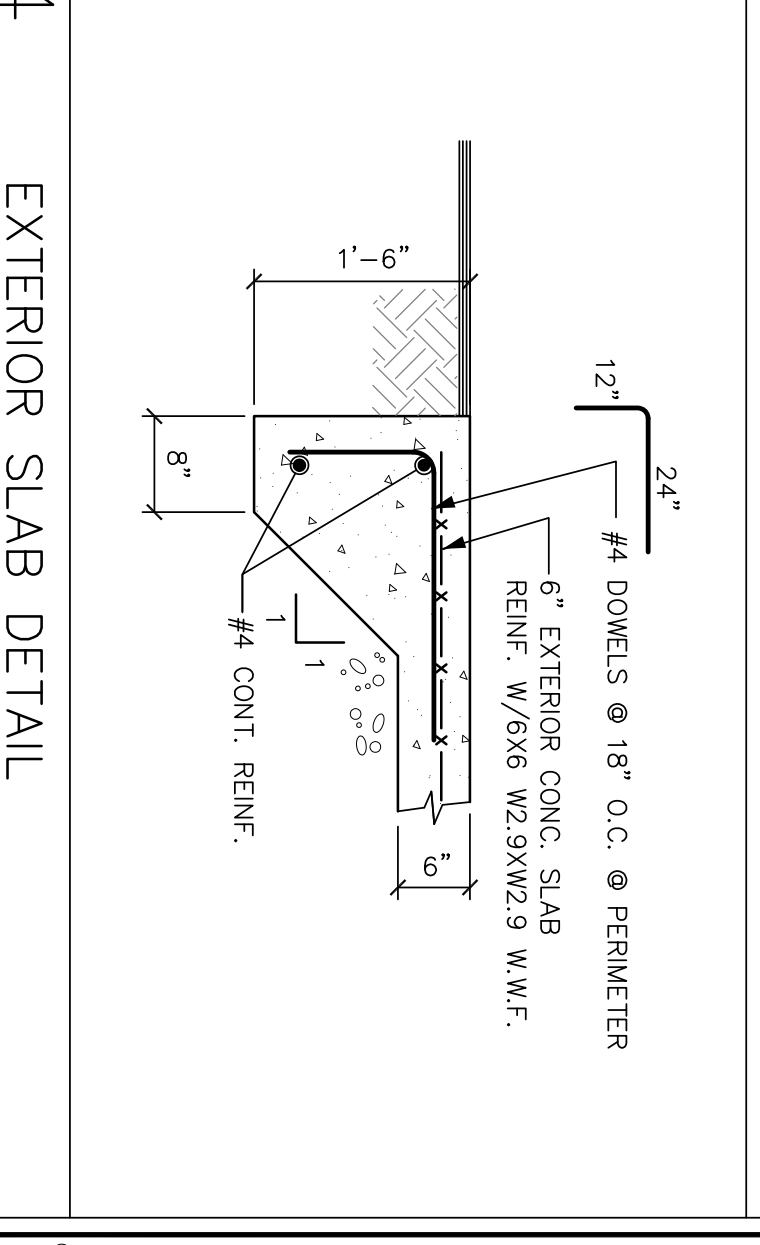
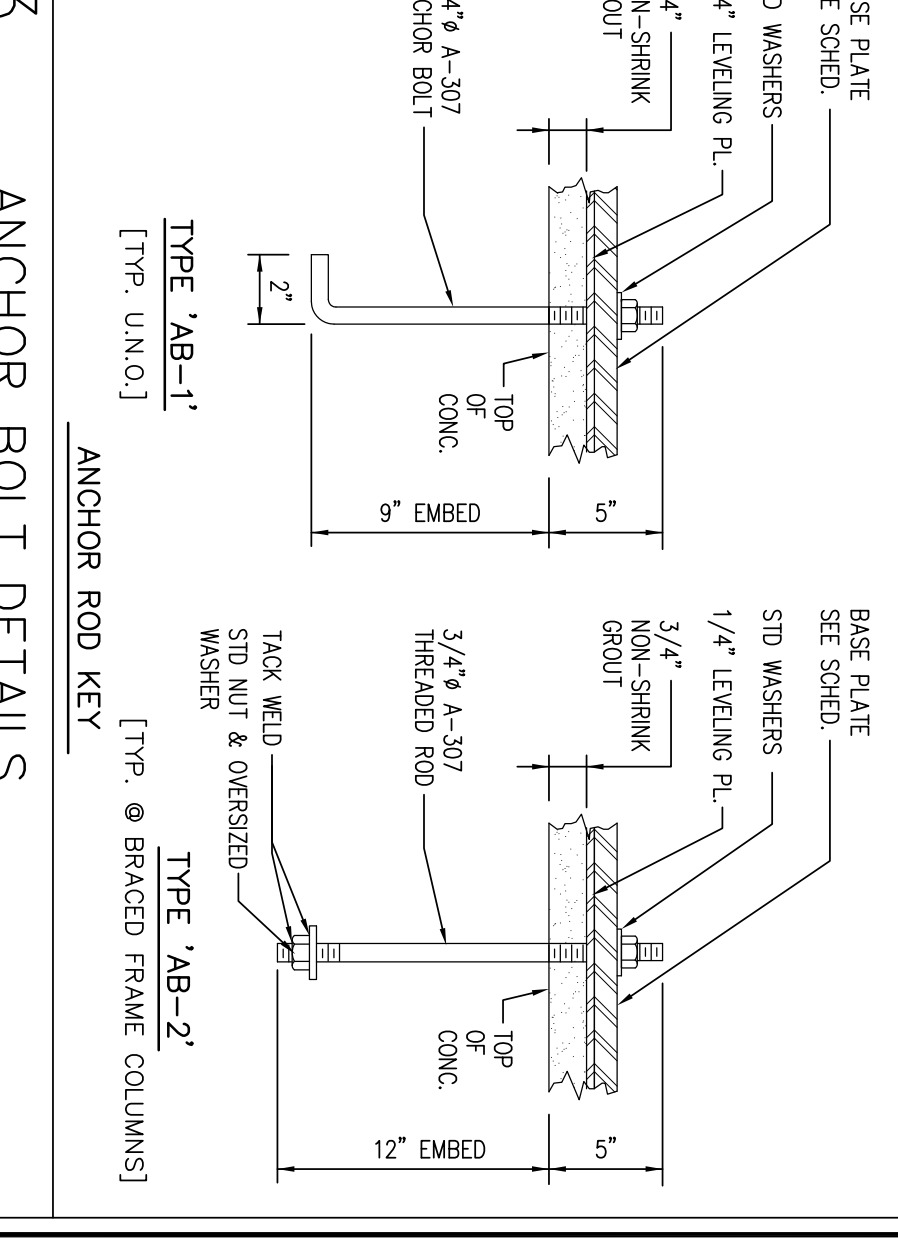
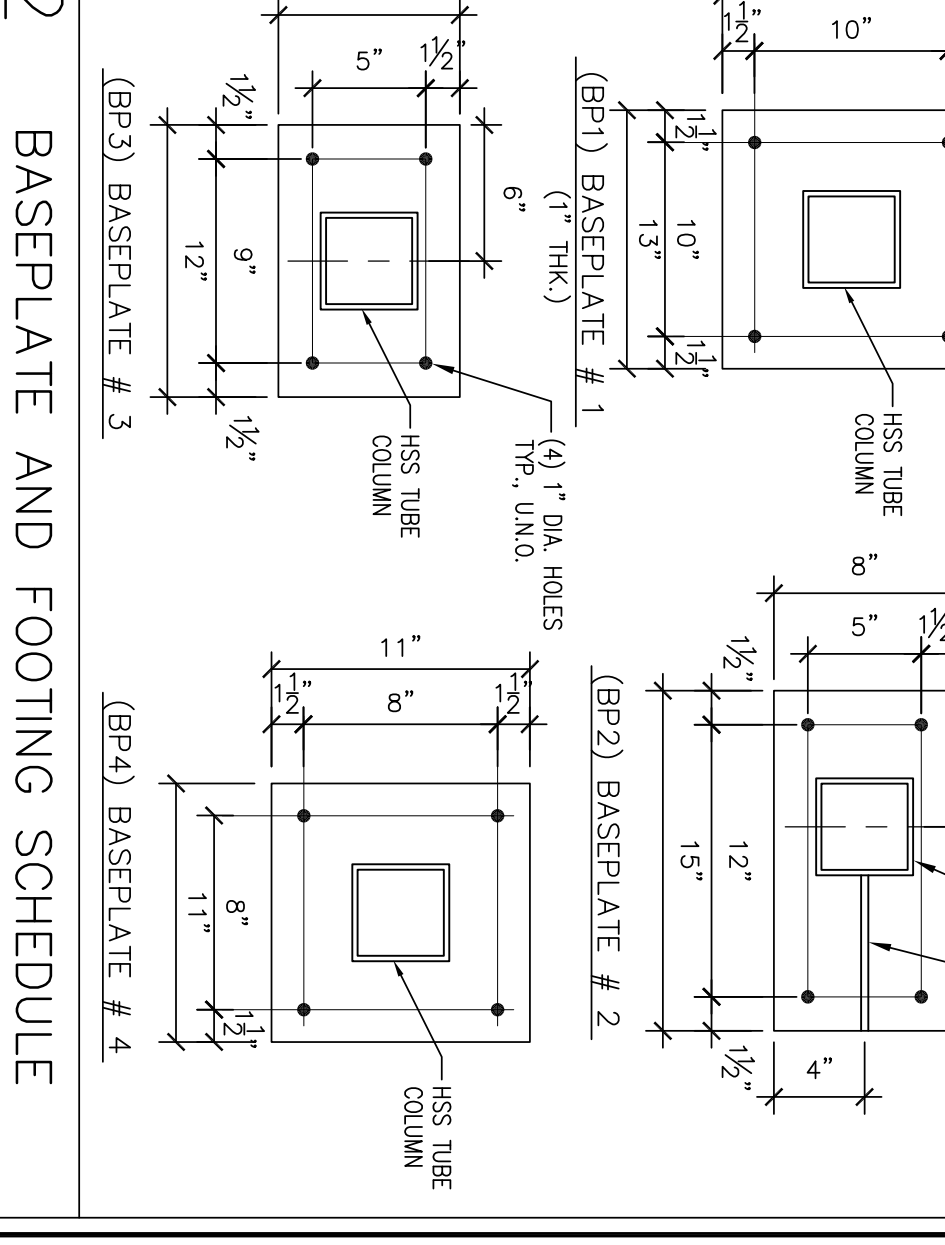
MIN. ROOF LIVE LOAD - (ME STATE BLDG. CODE) -:
 GROUND SNOW (FROST) (ME STATE BLDG. CODE) 50 PSF
 FROST DEPTH - (ME STATE BLDG. CODE) 20 PSF
 SOIL BEARING CAPACITY 1800 PSF

FOUNDATION PLAN NOTES

FOOTING SCHEDULE

MARK	SIZE	DEPTH	REINFORCING
F3	3'-0" x 3'-0"	1'-0"	4 # 5 EA. WAY
F4	4'-0" x 4'-0"	1'-0"	5 # 5 EA. WAY
F5	5'-0" x 5'-0"	1'-4"	6 # 5 EA. WAY
F6	6'-0" x 6'-0"	1'-6"	7 # 6 EA. WAY
F7	7'-0" x 7'-0"	1'-8"	8 # 6 EA. WAY
F8	8'-0" x 8'-0"	2'-0"	9 # 7 EA. WAY

NOTE:
 1) ALL BASEPLATES SHALL BE 3/4" THK. EXCEPT BP1 SHALL BE 1" THK. (WELDED TO COLUMN TYP.)
 2) ALL ANCHOR BOLT HOLES SHALL BE 1" DIA.



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 ENGINEERED BY: MYC

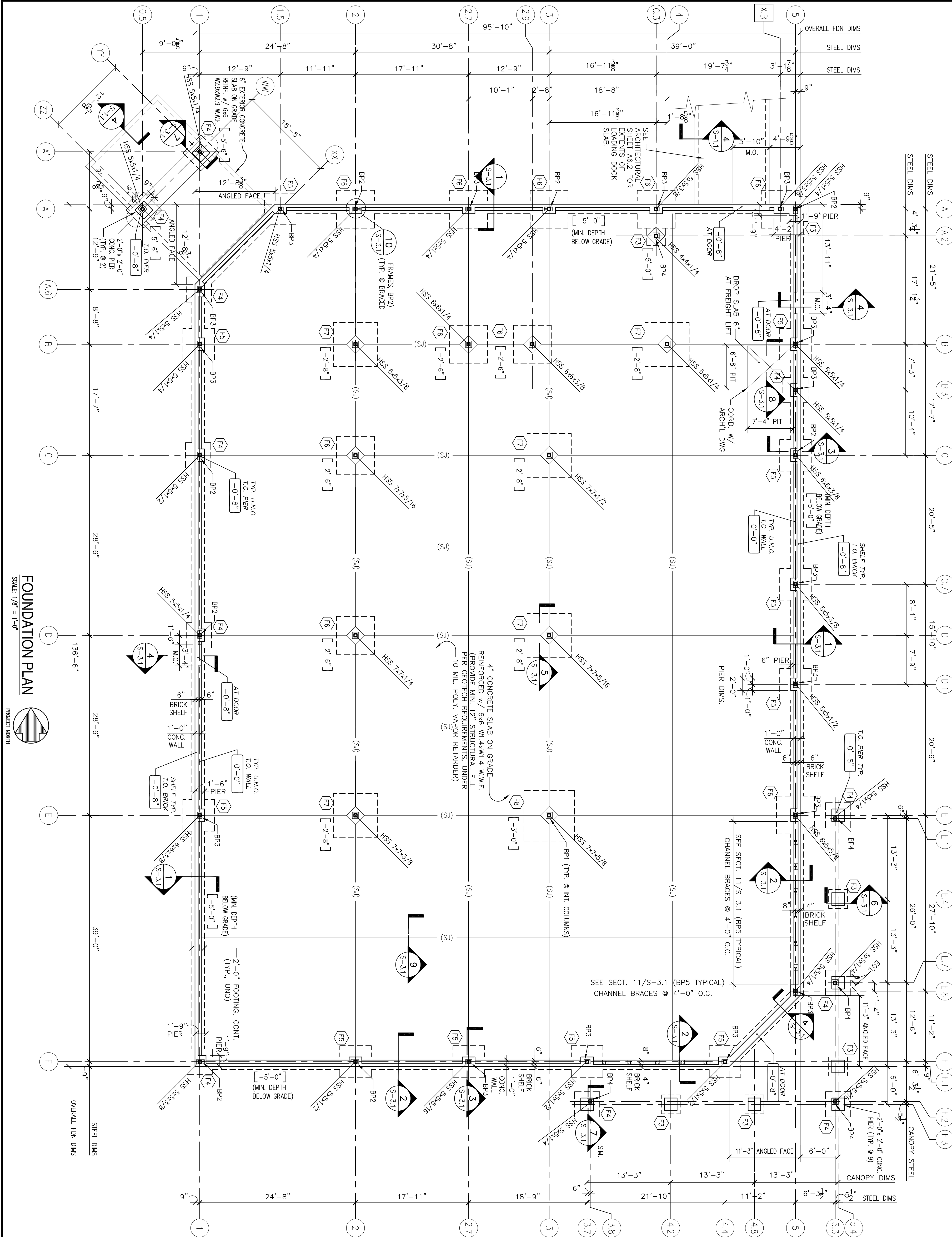
DRAWING BY: AG
 DATE: 08/31/2009

JOB NUMBER: 209017

TITLE:
 FOUNDATION PLAN
 AND SCHEDULES

SHEET NUMBER:
 S-1.1

COMMENTS:
 ISSUED FOR CONSTRUCTION



FOUNDATION PLAN
 SCALE: 1/8" = 1'-0"

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S T R U C T U R A L N O T E S

STRUCTURAL STEEL AND STEEL JOIST NOTES:

1. ALL DETAILING, FABRICATION AND ERECTION SHALL CONFORM TO THE AISC SPECIFICATIONS AND CODES, LATEST EDITION.
2. ALL WIDE FLANGE SECTION STRUCTURAL BEAMS (W) SHALL BE ASTM A992 ASTM 50 ksi. BASE PLATES AND SHIMS SHALL BE ASTM A36. ALL STRUCTURAL SECTIONS (HSS) SHALL BE ASTM A500 GRADE B WITH A MINIMUM 46 KSI.
3. ALL ANCHOR BOLTS AND THREADED ROOFS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F1554.
4. ALL BOLTS, NUTS AND WASHERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A325 FOR 3/4" DIAMETER HIGH STRENGTH BOLTS UNLESS NOTED OTHERWISE.
5. ALL WELDING ELECTRODES SHALL BE E70XX.
6. ALL WELDING SHALL BE DONE BY CERTIFIED WELDERS AND SHALL CONFORM TO THE AWS "CODE FOR ARC AND GAS WELDING IN BUILDING CONSTRUCTION", LATEST EDITION.
7. NO CONNECTION SHALL CONSIST OF LESS THAN TWO 3/4" DIAMETER BOLTS OR WELDS DEVELOPING A MINIMUM OF 10,000 POUNDS UNLESS NOTED OTHERWISE.
8. ALL FILLET WELDS SHALL BE A MINIMUM OF 1/4" UNLESS NOTED OTHERWISE.
9. ALL WELDS SHALL BE VISUALLY INSPECTED AND ALL FULL PENETRATION WELDS SHALL BE INSPECTED BY MAGNETIC PARTICLE TESTING.
10. AN INDEPENDENT STEEL TESTING AGENCY SHALL PERFORM ALL INSPECTION AND TESTING. THE TESTING AGENCY SHALL SUBMIT A REPORT TO THE ARCHITECT. THE TESTING AGENCY SHALL BE LICENSED AND SHALL HAVE A VALID TESTING REQUIREMENTS TO BE COMPLETED. A COPY OF ALL TEST REPORTS SHALL BE FILED WITH THE ARCHITECT.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF ALL ERECTION PROCEDURES AND SEQUENCES WITH RELATION TO TEMPERATURE DIFFERENTIALS AND STABILITY.
12. AFTER FABRICATION, ALL STEEL, EXCEPT THAT TO BE GALVANIZED, SHALL BE CLEANED, ALL RUST, OILS AND GREASE SHALL BE REMOVED, FOREIGN MATERIALS AND DEBRIS SHALL BE REMOVED AND RECEIVE ONE COAT OF APPROVED PRIMER PAINT.
13. THE FABRICATOR SHALL FURNISH CHECKED SHOP AND ERECTION STRUCTURAL STEEL.
14. CUTS, HOLES, OPENINGS, ETC. REQUIRED IN STRUCTURAL STEEL MEMBERS FOR THE WORK SHOWN HEREIN SHALL BE SHOWN ON SHOP DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND BURNING OF HOLES OR CUTS IN STRUCTURAL STEEL MEMBERS IN THE FIELD WILL NOT BE PERMITTED EXCEPT BY WRITTEN PERMISSION FROM THE ARCHITECT.
15. THE DESIGN, FABRICATION, PAINTING, AND ERECTION OF STEEL JOISTS SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF THE STEEL JOIST INSTITUTE (SJI).
16. CONTINUOUS HORIZONTAL BRACING SHALL BE PROVIDED WITH DESIGN AND CONNECTION DETAILING CONFORMING TO SPECIFICATIONS. ALL BRACING SHALL BE INSTALLED BEFORE ANY CONSTRUCTION LOADS ARE PLACED ON THE JOISTS. THE ENDS OF ALL BRACING LINES SHALL BE SECURELY ANCHORED TO ADJACENT WALLS OR BEAMS AT TERMINATION POINTS.
17. SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

STEEL DECK NOTES:

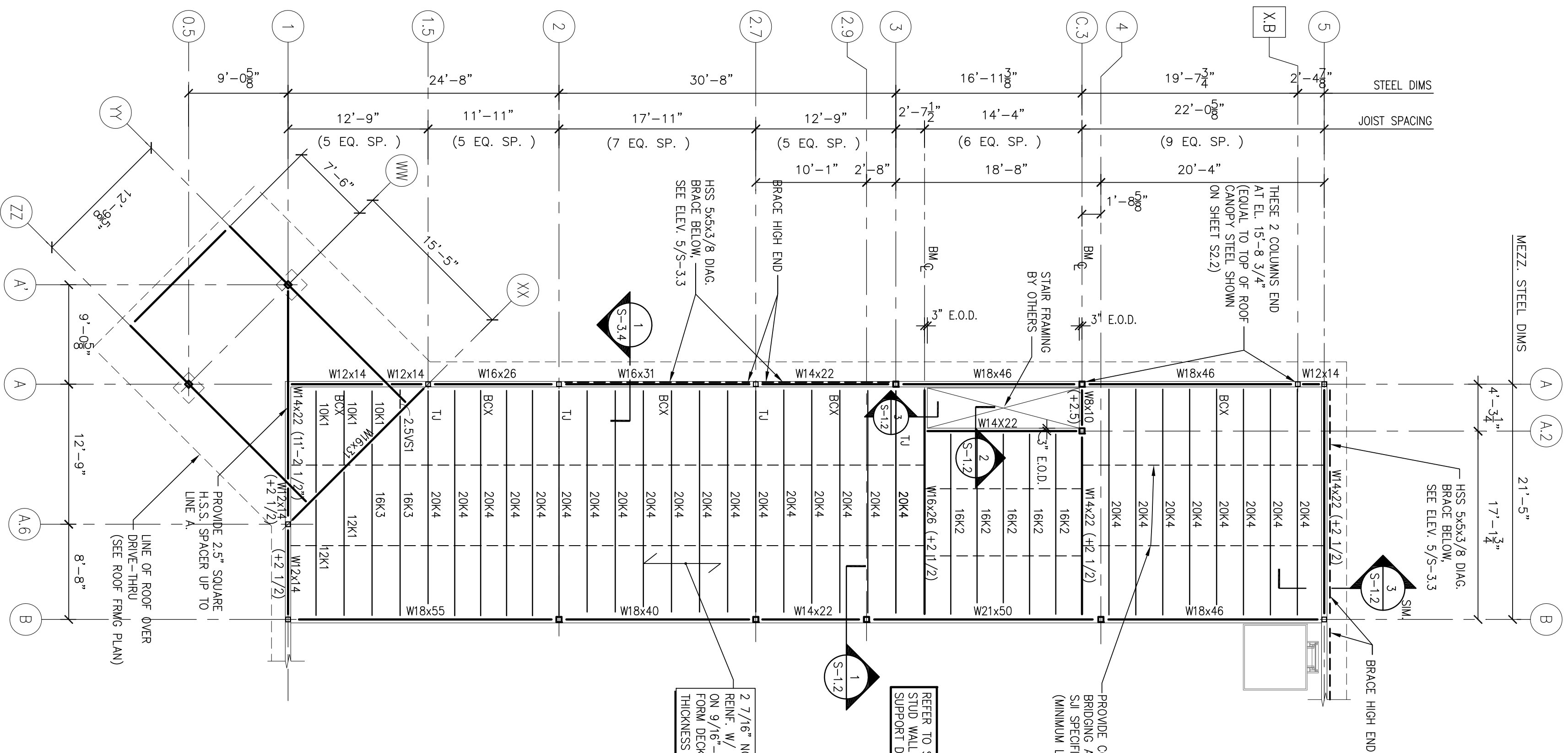
1. ALL STEEL DECKING SHALL CONFORM TO THE STEEL DECK INSTITUTE (SDI) APPLICABLE SPECIFICATIONS AND REQUIREMENTS. INSTALLATION SHALL BE PER THE MANUFACTURER'S RECOMMENDATIONS IN ACCORDANCE WITH SDI SPECIFICATIONS.
2. STEEL DECK SHALL TYPICALLY BE STORED OFF THE GROUND AT THE JOBSITE, AND BE PROTECTED FROM THE ELEMENTS WITH A WATERPROOF COVERING WHERE REQUIRED.
3. DECK SHEETS SHALL BE PLACED IN ACCORDANCE WITH APPROVED ERECTION LAYOUT DRAWINGS SUPPLIED BY THE DECK MANUFACTURER. UNLESS NOTED OTHERWISE, END LAPS SHALL OCCUR OVER SUPPORTS, AND SHALL NOT BE LESS THAN 2" MINIMUM.
4. ALL STEEL TO BE USED FOR DECKING SHALL BE GALVANIZED.
5. UNLESS NOTED OTHERWISE ON PLANS, THE FOLLOWING DECKING SHALL BE PROVIDED:
FLOOR DECK 9/16"-26 GA. (TYPE O6C BY VULCRAFT OR EQUAL)
ROOF DECK 1-1/2"-22 GA. (TYPE B BY VULCRAFT OR EQUAL)
6. SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

LIGHT GAGE STEEL FRAMING NOTES:

1. ALL DESIGN, DETAILING, FABRICATION, AND ERECTION OF LIGHT GAGE FRAMING SHALL BE IN ACCORDANCE WITH AMERICAN IRON AND STEEL INSTITUTE "SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS", LATEST EDITION, AND THE MANUFACTURER'S DETAILS AND SPECIFICATIONS.
2. STUD/JOIST DESIGNATIONS REFER TO MARRINO/WARE INDUSTRIES, INC. FOR THE MINIMUM DESIGN PROPERTIES.
3. STEEL STUDS AT EXTERIOR WALLS SHALL BE 6" X 18 GA. TYPE SW SPACED @ 16" O.C. UNLESS NOTED.
4. HEADERS OVER EXTERIOR WALL OPENINGS 14 FEET OR LESS SHALL BE A MINIMUM OF (2) 6" X 18 GA. STEEL STUDS W/ 6" X 18 GA. STEEL TRACK AT TOP AND BOTTOM. SEE DETAIL 4/5/35.
5. ALL LIGHT GAGE FRAMING SHALL BE GALVANIZED AND SHALL CONFORM TO ASTM A653 GRADE 50 WITH A MINIMUM YIELD STRESS OF 50,000 PSI. FOR 16 GA. AND THICKER OR ASTM A653 GRADE 33 WITH A MINIMUM YIELD STRESS OF 33,000 PSI FOR 18 GA. AND THINNER.
6. PROVIDE STUD WALL BRACING PER MANUFACTURER'S REQUIREMENTS. MINIMUM 4'-0" O.C. WHERE THERE IS NO SHEATHING.

MEZZANINE FRAMING PLAN NOTES:

- 1) TOP OF STEEL BEAMS IS AT ELEV. = 11'-2 1/2" A.F.F. (TYP.) UNLESS NOTED THUSLY (LXX) ON FRAMING PLAN.
- 2) T1 - INDICATES THE JOIST FRAMING, REFER TO TYPICAL FRAMING DETAILS.
- 3) ALL JOISTS TO BE EQUALLY SPACED BETWEEN COLUMN OR BEAMS AS SHOWN.
- 4) DESIGN LOADS : BLDG IS DESIGNED USING THE MAINE STATE BUILDING CODE (PORTLAND, ME): 2003 INTERNATIONAL BUILDING CODE
FLOOR DEAD LOAD 50 PSF
FLOOR LIVE LOAD 125 PSF

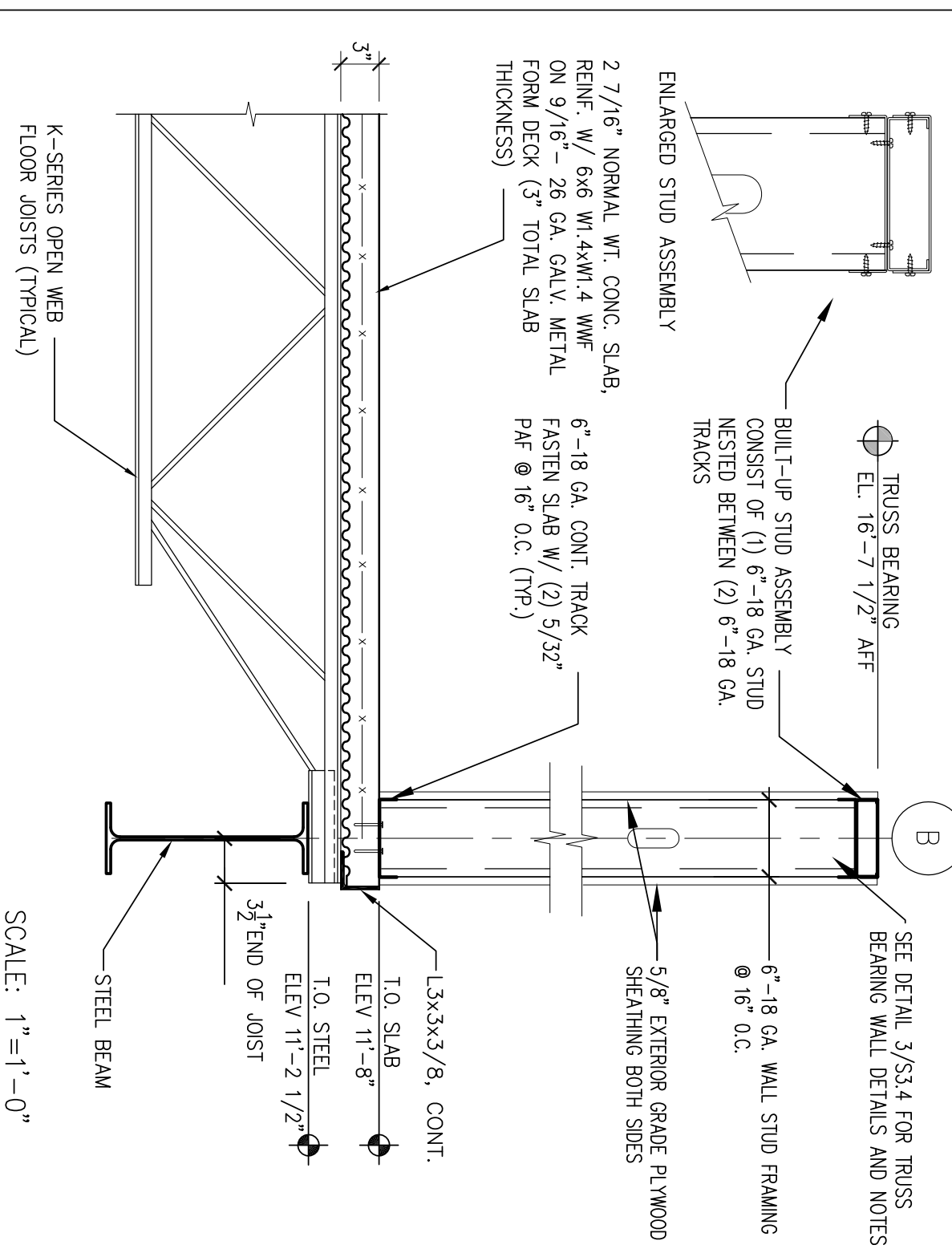


MEZZANINE FRAMING PLAN

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

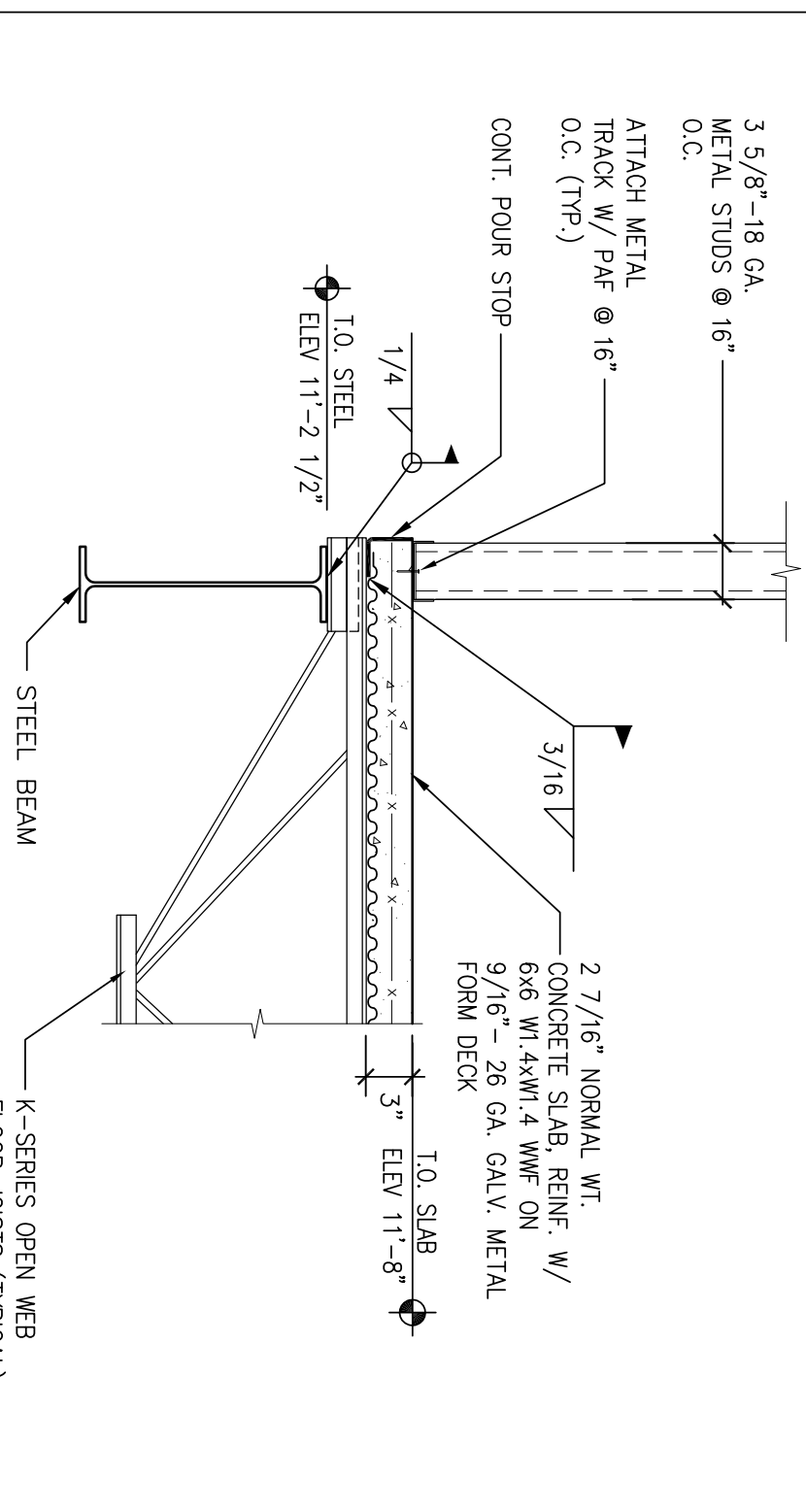


PROJECT NORTH



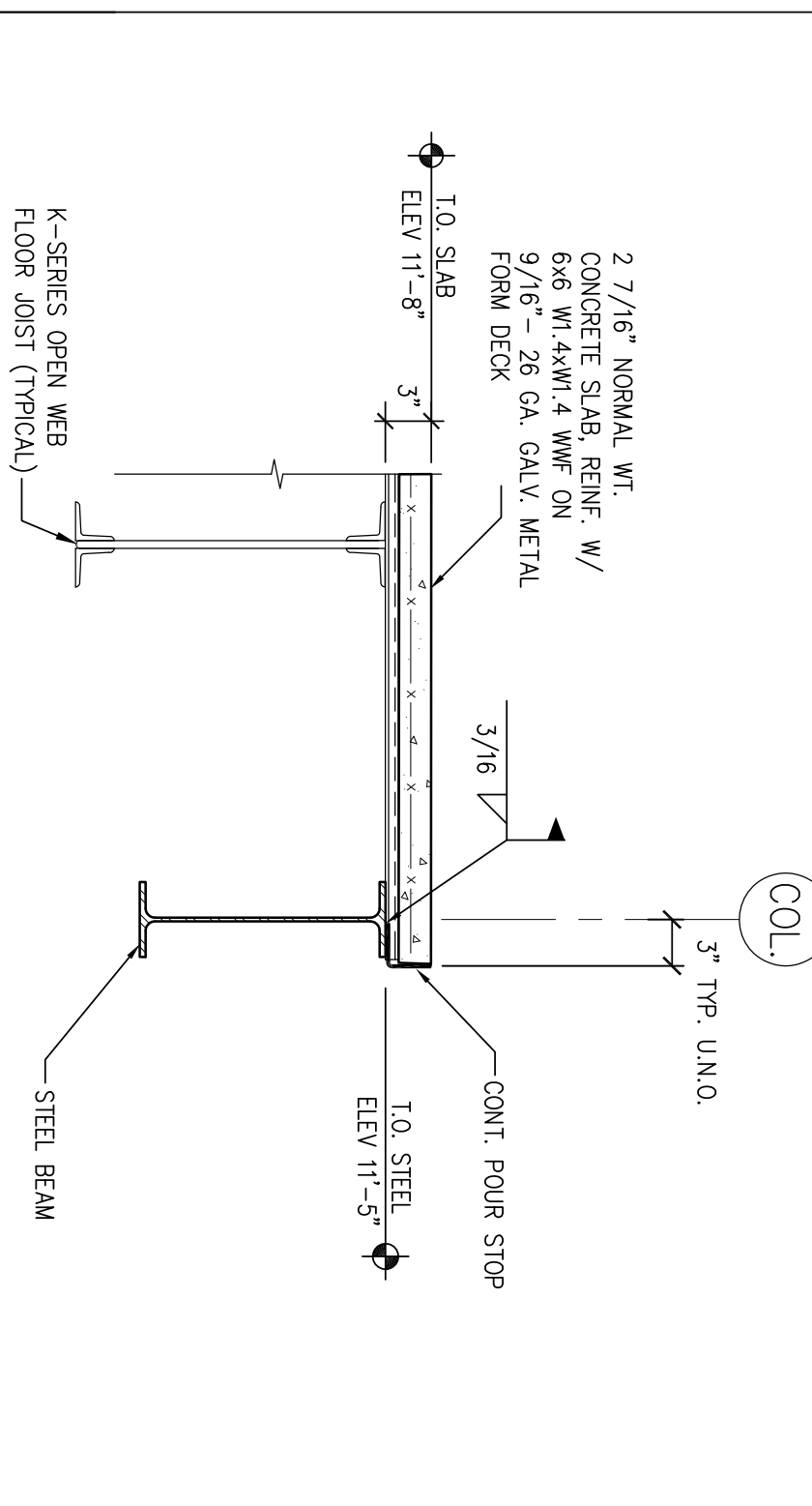
SECTION AT EDGE OF MEZZANINE

SCALE: 1" = 1'-0"



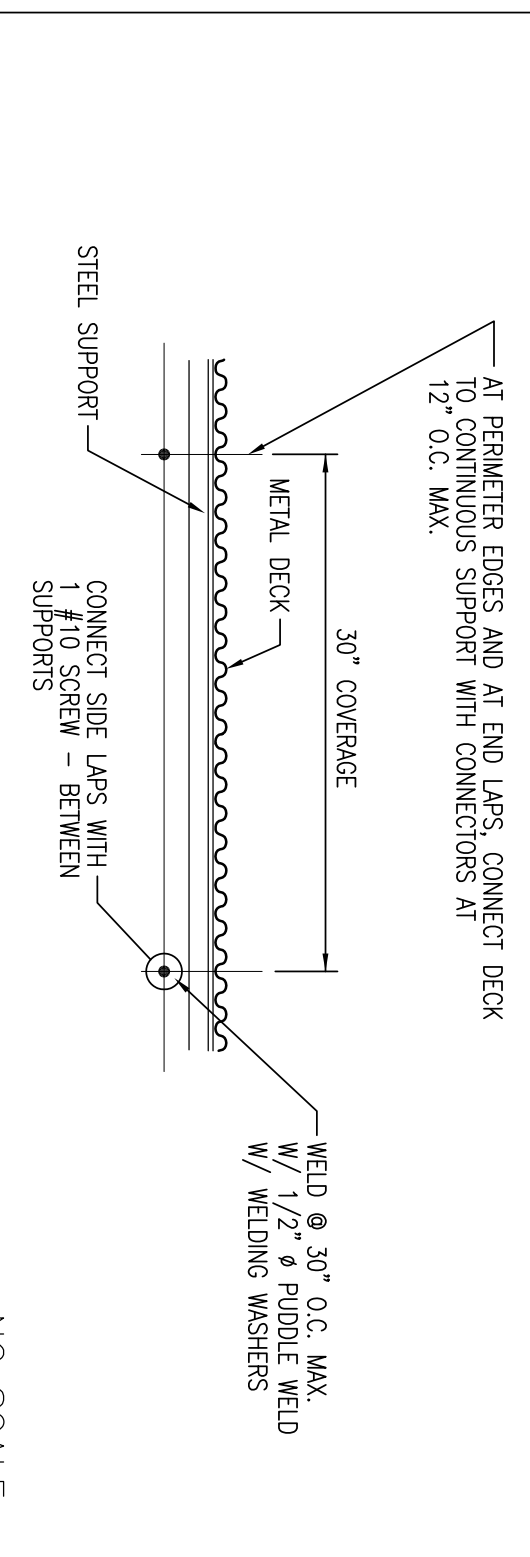
SECTION AT FLOOR OPENING

SCALE: 1" = 1'-0"



SECTION AT FLOOR OPENING

SCALE: 1" = 1'-0"



MEZZANINE DECK FASTENING PATTERN

NO SCALE



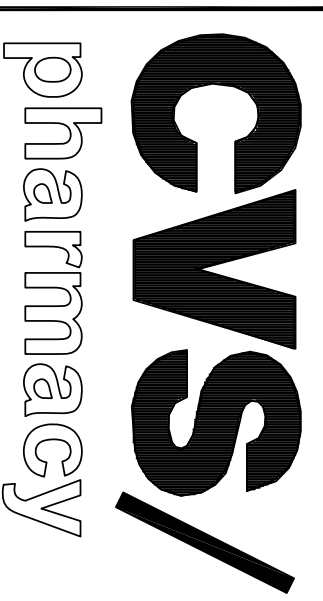
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DEVELOPER:

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CHECKED BY:	TG
ENGINEERED BY:	MVC
DRAWING BY:	AG
DATE:	08/31/2009
JOB NUMBER:	209017

TITLE:
MEZZANINE FRAMING PLAN
& SECTIONS

SHEET NUMBER:

S-1.2

COMMENTS:
ISSUED FOR CONSTRUCTION

GENERAL NOTES - PRE-ENGINEERED LIGHT GAUGE STEEL ROOF TRUSSES

1. ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF AMERICAN IRON AND STEEL INSTITUTE (AISI) STANDARD SPECIFICATIONS FOR STRUCTURAL STEEL. TRUSSES SHALL BE DESIGNED BY AN ENGINEER LICENSED IN THE JURISDICTION WHERE THE WORK IS BEING PERFORMED IN ACCORDANCE WITH THE AISI "NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS".
2. TRUSS FABRICATOR SHALL SUBMIT TO THE ARCHITECT FOR APPROVAL PRIOR TO FABRICATION, SHOP DRAWINGS BEARING SEAL AND SIGNATURE OF THE DESIGN PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF MAINE. SHOP DRAWINGS SHALL INCLUDE BUT ARE NOT LIMITED TO: TRUSS LAYOUT PLAN, TRUSS DETAIL SHEETS SHOWING CONFIGURATION, DIMENSIONS, LOADS, MEMBER SIZES, MEMBER SIZES AND GAUGE, MEMBER FORCES, CONNECTION PLATE SIZES, AND FABRICATOR BRACING REQUIRED.
3. SEE DESIGN LOADS FOR DESIGN LOADS ON TRUSSES.
4. TRUSS ERECTOR SHALL BE RESPONSIBLE FOR DESIGN AND INSTALLATION OF ALL TEMPORARY BRACING REQUIREMENTS.
5. ALL WELDING OF TRUSS COMPONENTS SHALL COMPLY WITH APPLICABLE PROVISIONS OF AMERICAN WELDING SOCIETY AWS D1.1 "STRUCTURAL WELDING CODE-STEEL" AND AWS D1.3 "STRUCTURAL WELDING CODE-SHEET STEEL".
6. ROOF SHEATHING SHALL BE MINIMUM 5/8" APA STRUCTURAL 1 RATED EXTERIOR GRADE SHEATHING (SEE SHEET S-2.2) WITH 2" MINIMUM OVERLAP. ALL INTERSECTING PANEL EDGES SHALL BE USED AT 12" O.C. ALL FASTENERS TO BE GALVANIZED OR ZINC PLATED PER INDUSTRY STANDARDS.
7. ALL ROOF TRUSSES AND OVERHANGING LT GAUGE FRAMING SHALL BE HELD DOWN WITH HURDLE ANCHORS PER TRUSS MANUFACTURER'S REQUIREMENTS.
8. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR TYPICAL FRAMING DETAILS.

ROOF FRAMING PLAN NOTES

TOP OF STEEL BEAMS IS AT ELEV. = 16'-7 1/2" A.F.F. (TYP.) UNLESS NOTED THUSLY (EXX) ON FRAMING PLAN.

ALL DIMENSIONS SHALL BE COORDINATED WITH ARCH'L DRAWINGS. TRUSSES SHOWN FOR SCHEMATIC LAYOUT ONLY. REFER TO ARCH'L TRUSS PROFILES FOR TRUSS DIMENSIONS AND GEOMETRY.

COORDINATE SIZE & LOCATION OF RUW FRAME OPENINGS WITH MECHANICAL DWGS.

FOR INDICATES FACE OF BUILDING.

RTU INDICATES ROOF TOP UNIT. RTUS SHOWN ARE APPROXIMATE. GENERAL CONTRACTOR SHALL VERIFY AND COORDINATE LOCATION AND SIZE OF ALL ROOF TOP UNITS REQUIRED.

* 200# CONC. LOAD ON TRUSS WHERE INDICATED

— INDICATES CONTINUOUS BEAM FRAMED OVER COLUMN BELOW. SEE DETAIL ON S-3.3

STRUCTURAL NOTES

DESIGN LOADS: BLDG IS DESIGNED USING THE MAINE STATE BUILDING CODE (PORTLAND, ME); 2003 INTERNATIONAL BUILDING CODE

GROUND SNOW LOAD 50 PSF

FLAT ROOF SNOW LOAD 35 PSF

SLOPED ROOF LOADS -

TOP CHORD BALANCED SNOW LOAD PS 35 PSF

TOP CHORD UNBALANCED SNOW LOAD 52.5 PSF

LEeward ROOF 0 PSF

TOP CHORD DEAD LOAD 10 PSF (20 PSF AT OVERFRAMING)

BOTTOM CHORD DEAD LOAD 10 PSF

BOTTOM CHORD LIVE LOAD 20 PSF [GABLE TRUSSES ONLY, NOT OVERBUILD OR FLAT CHORD TRUSSES]

MIN. ROOF LIVE LOAD 20 PSF

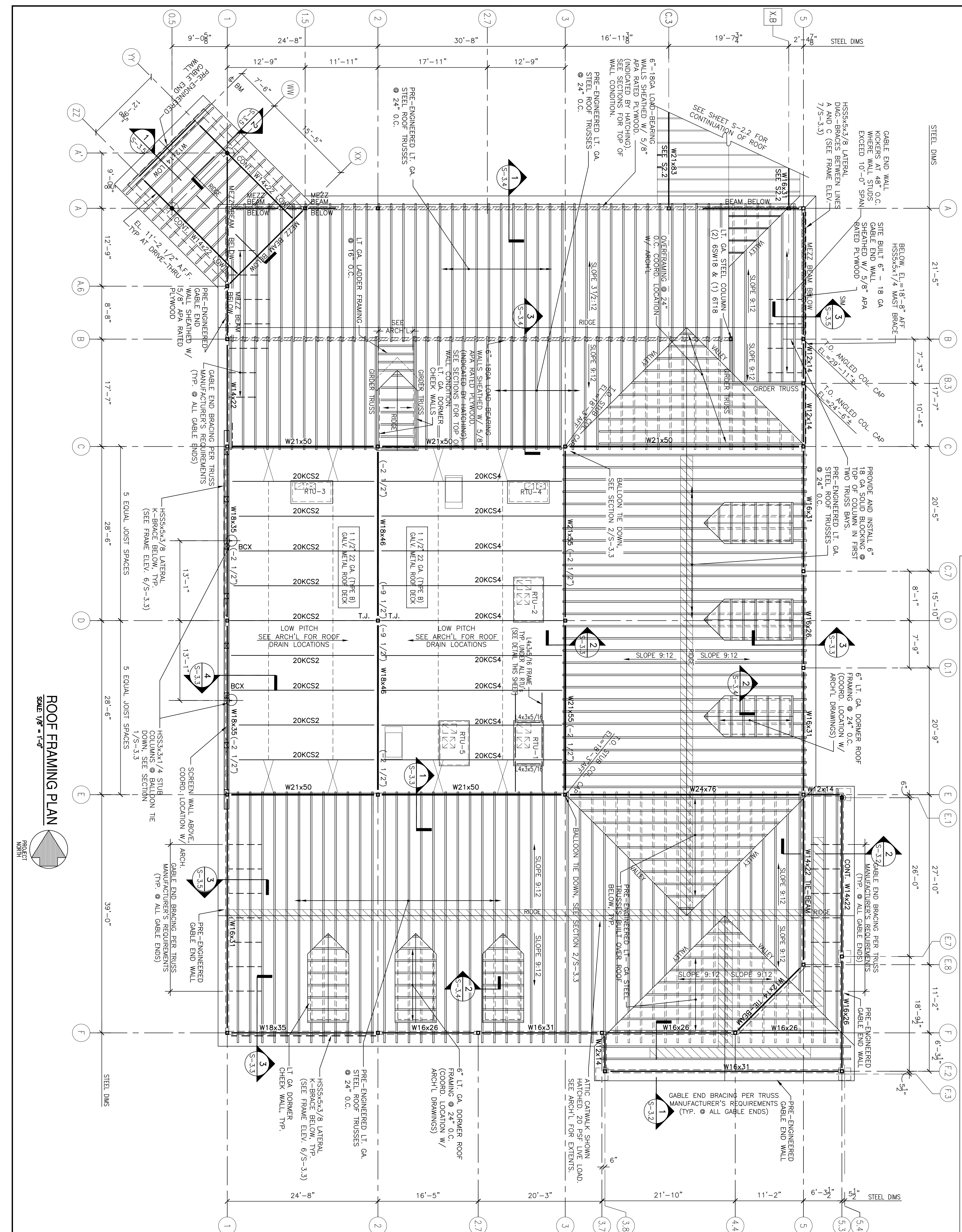
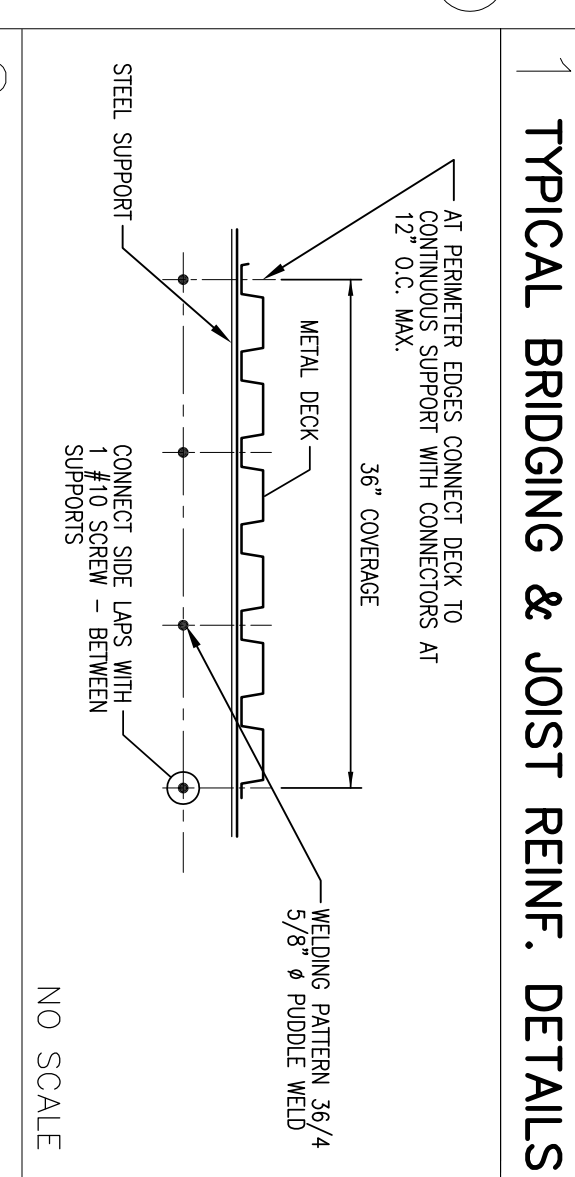
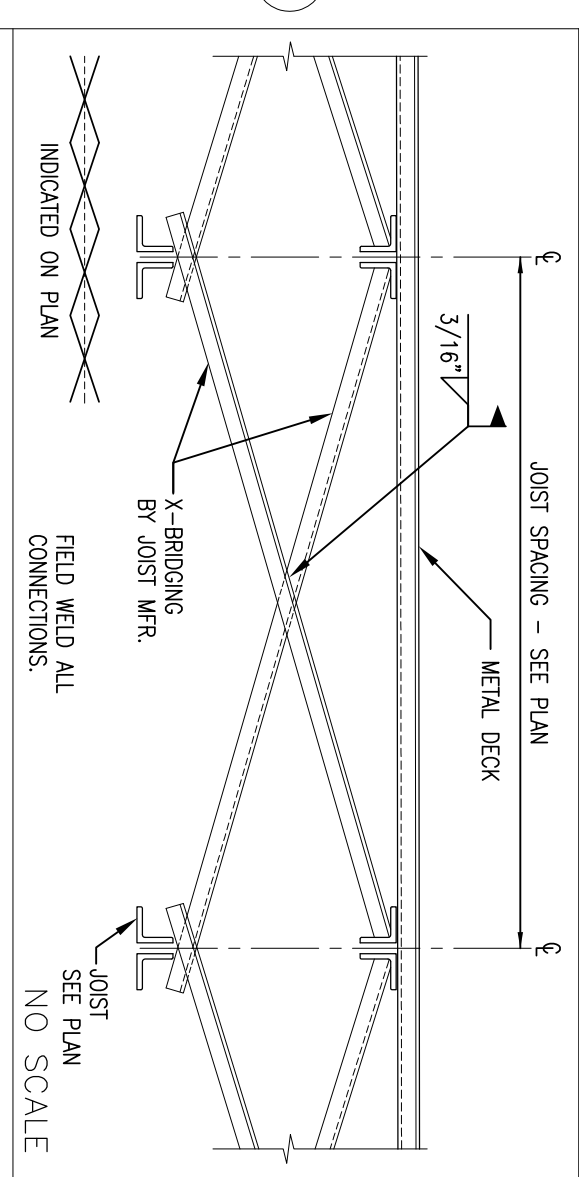
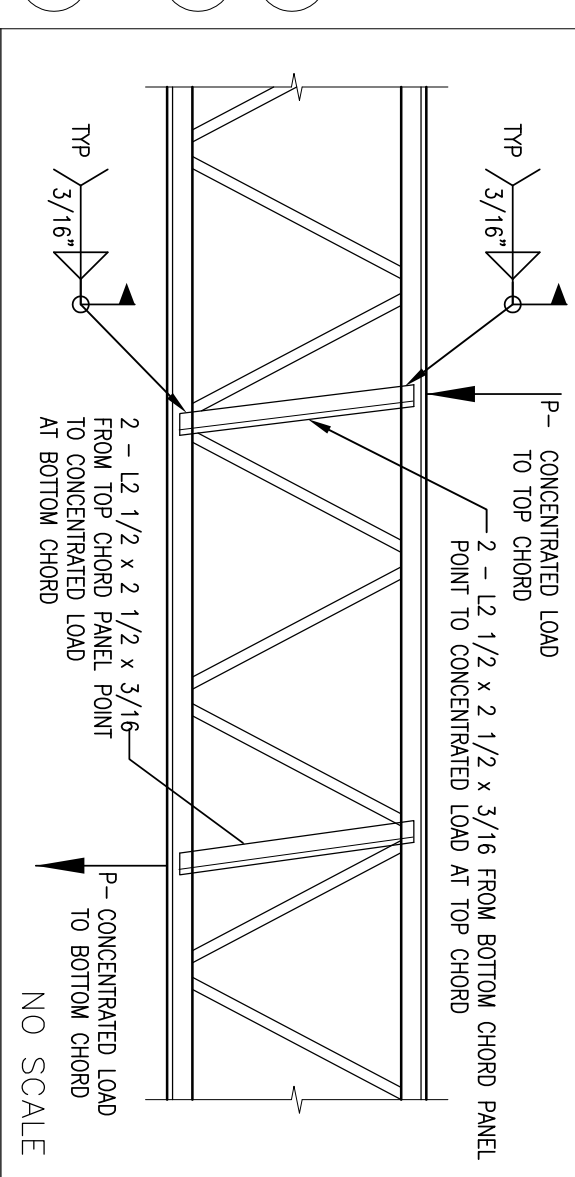
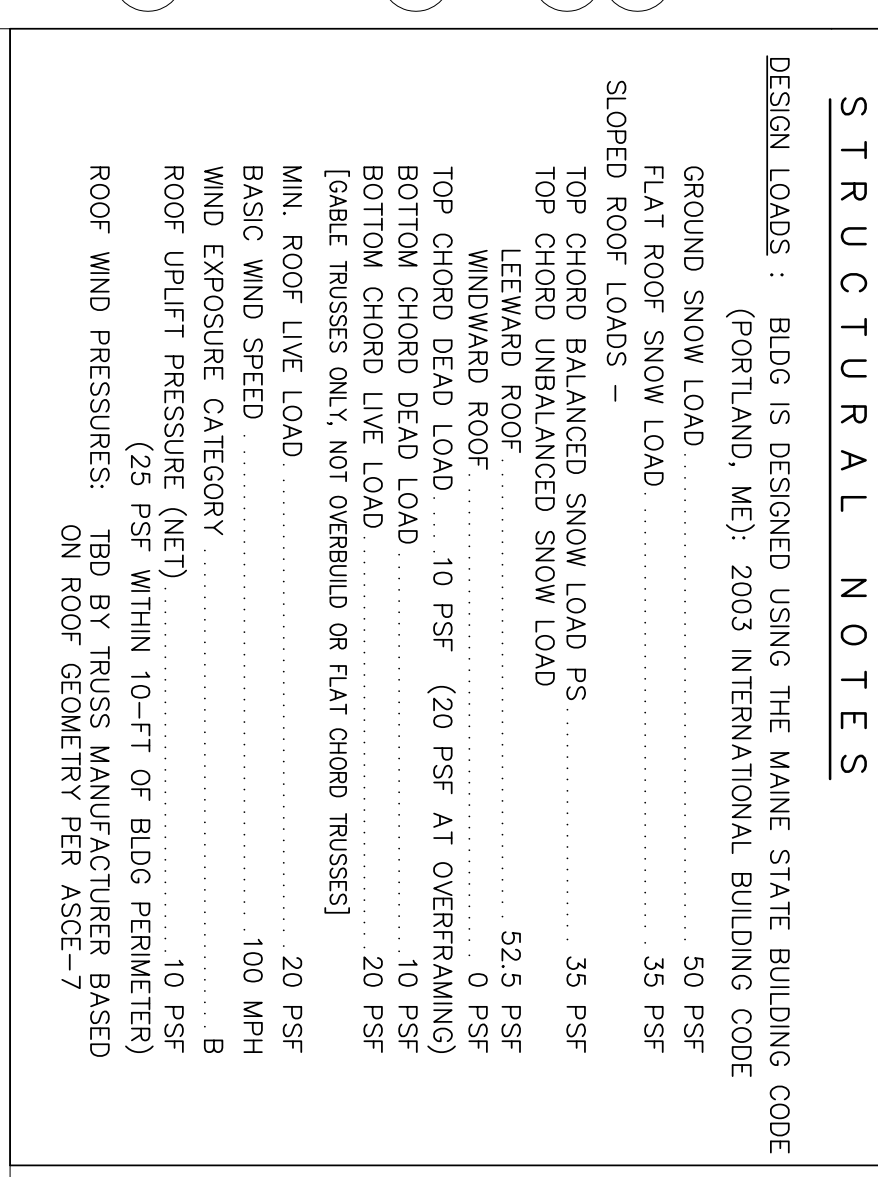
BASIC WIND SPEED 100 MPH

WIND EXPOSURE CATEGORY B

ROOF UP/LIFT PRESSURE (NET) 10 PSF

ROOF DOWN PRESSURE (GROSS) 20 PSF WITHIN 10'-FT OF BLDG PERIMETER (20 PSF WITHIN 10'-FT OF BLDG PERIMETER)

ROOF WIND PRESSURES: TBD BY TRUSS MANUFACTURER BASED ON ROOF GEOMETRY PER ASCE-7



ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

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REVISIONS:

NO.	DATE	DESCRIPTION
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CHECKED BY: TG

ENGINEERED BY: MVC

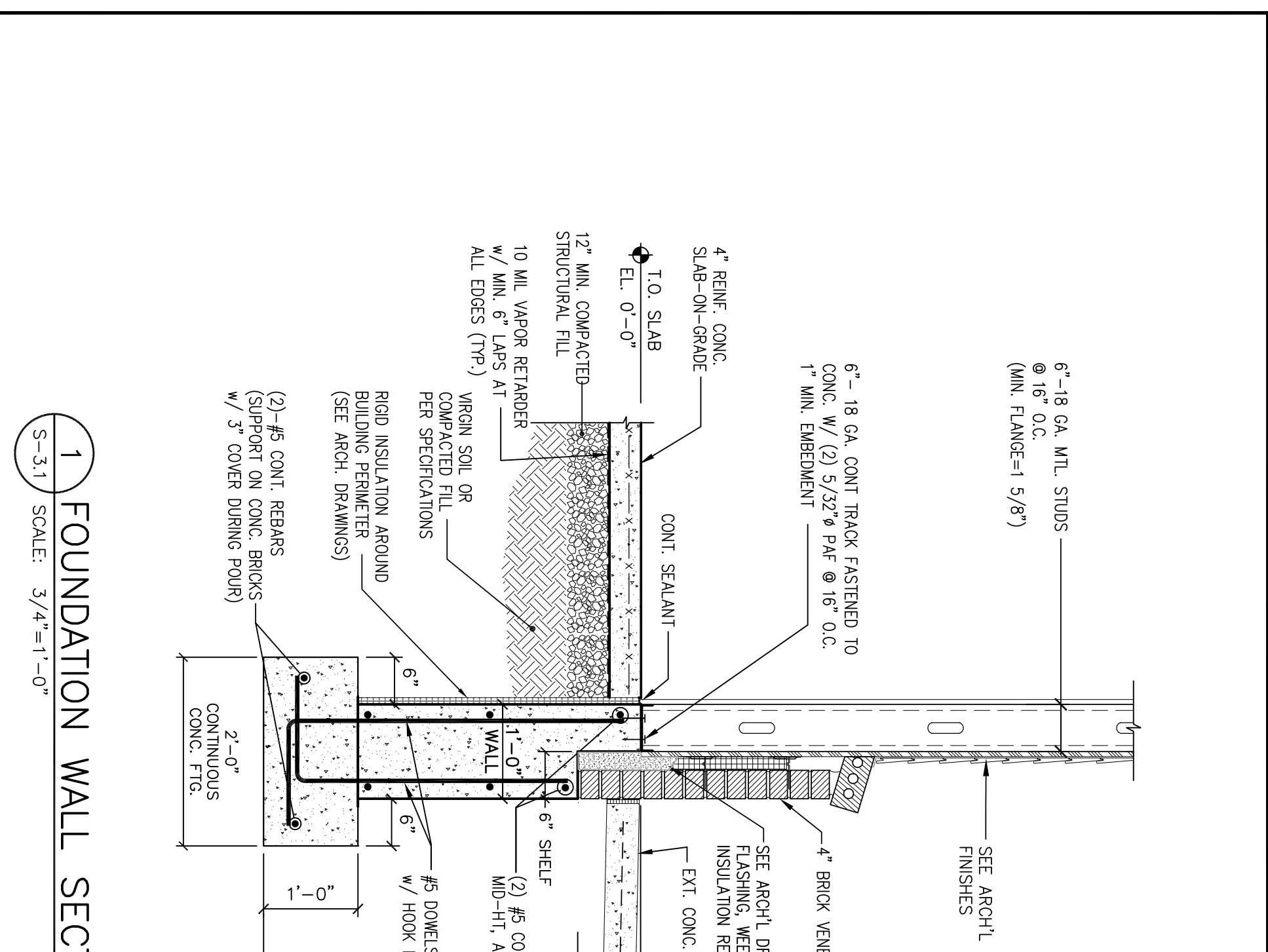
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DATE: 08/31/2009

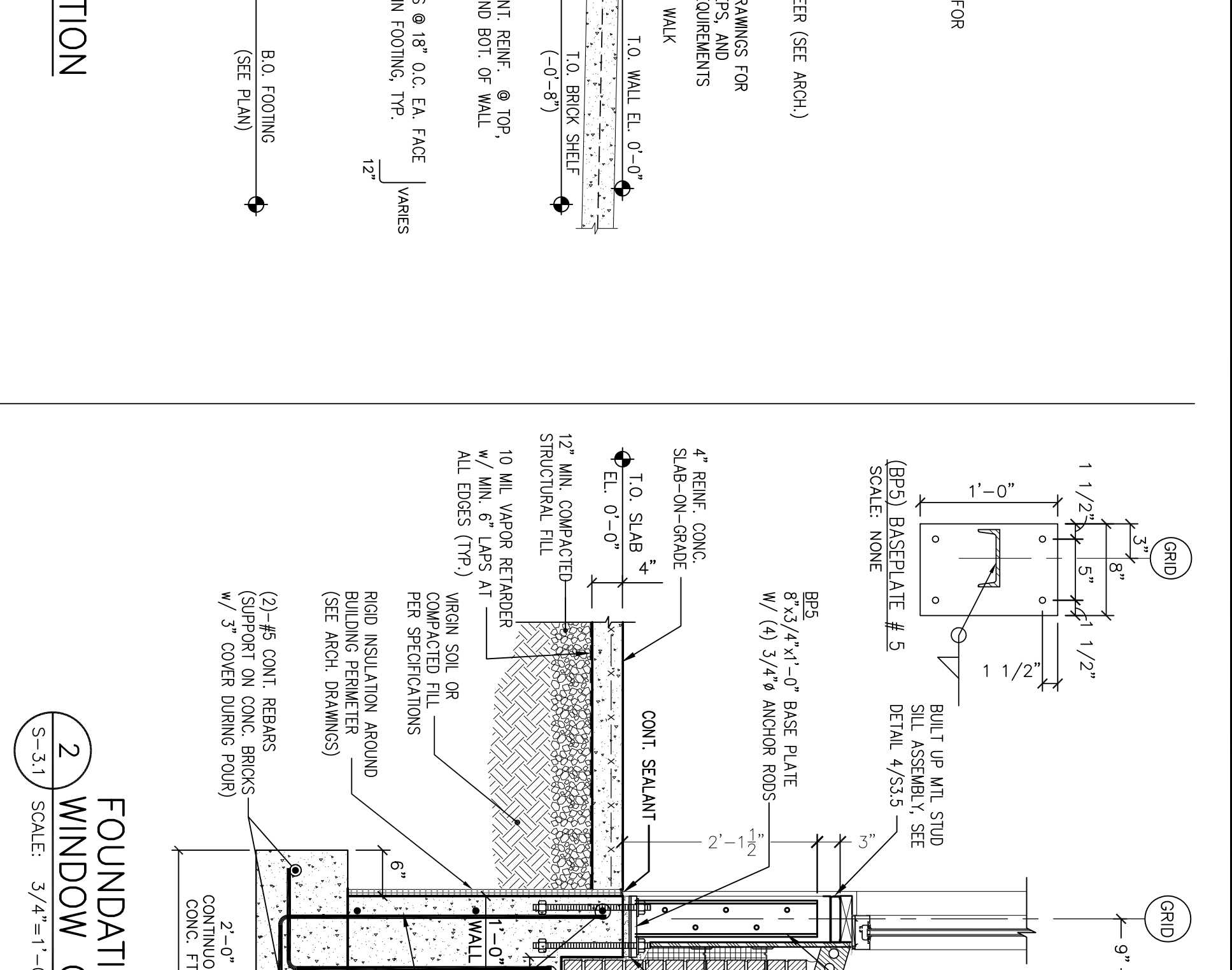
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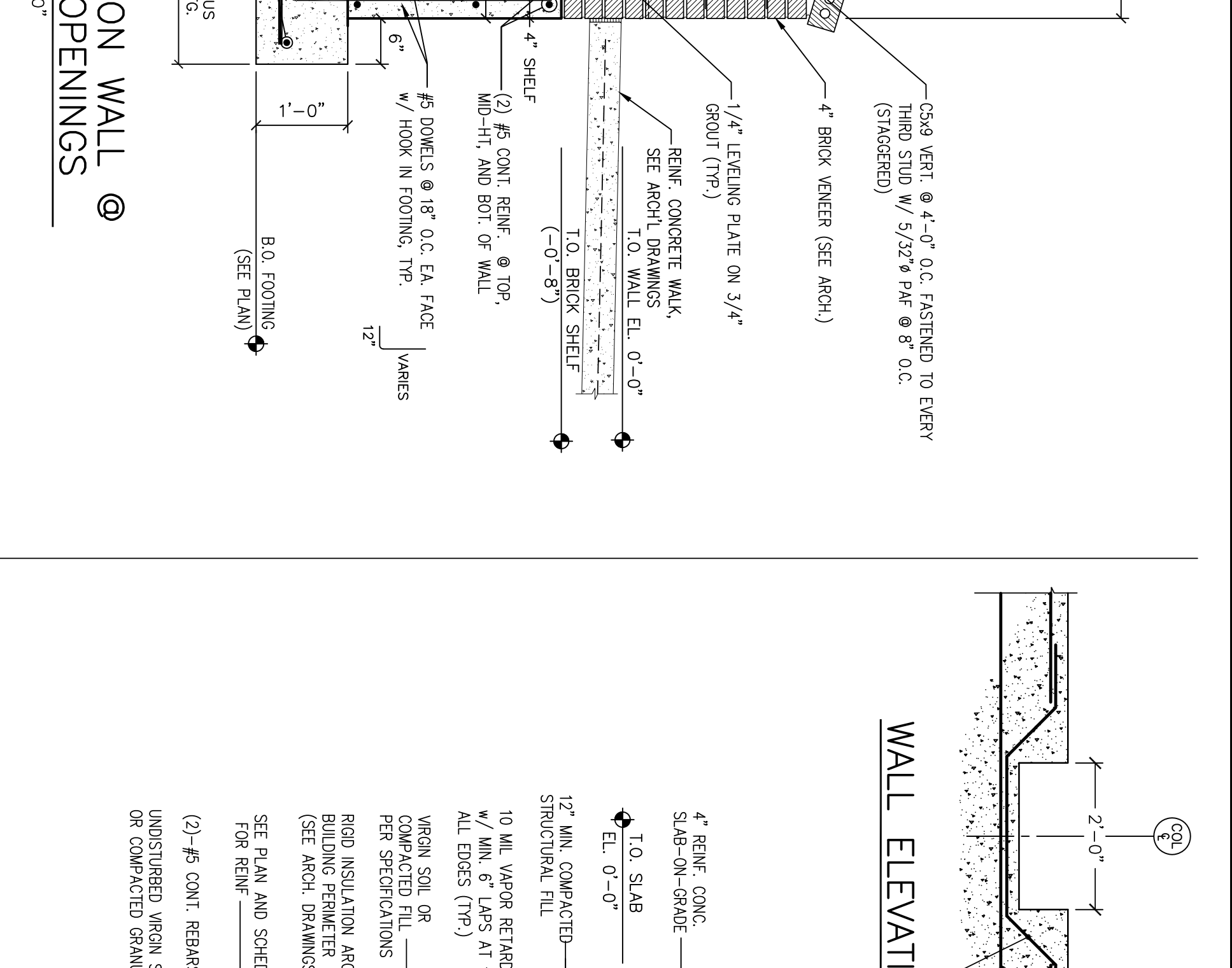
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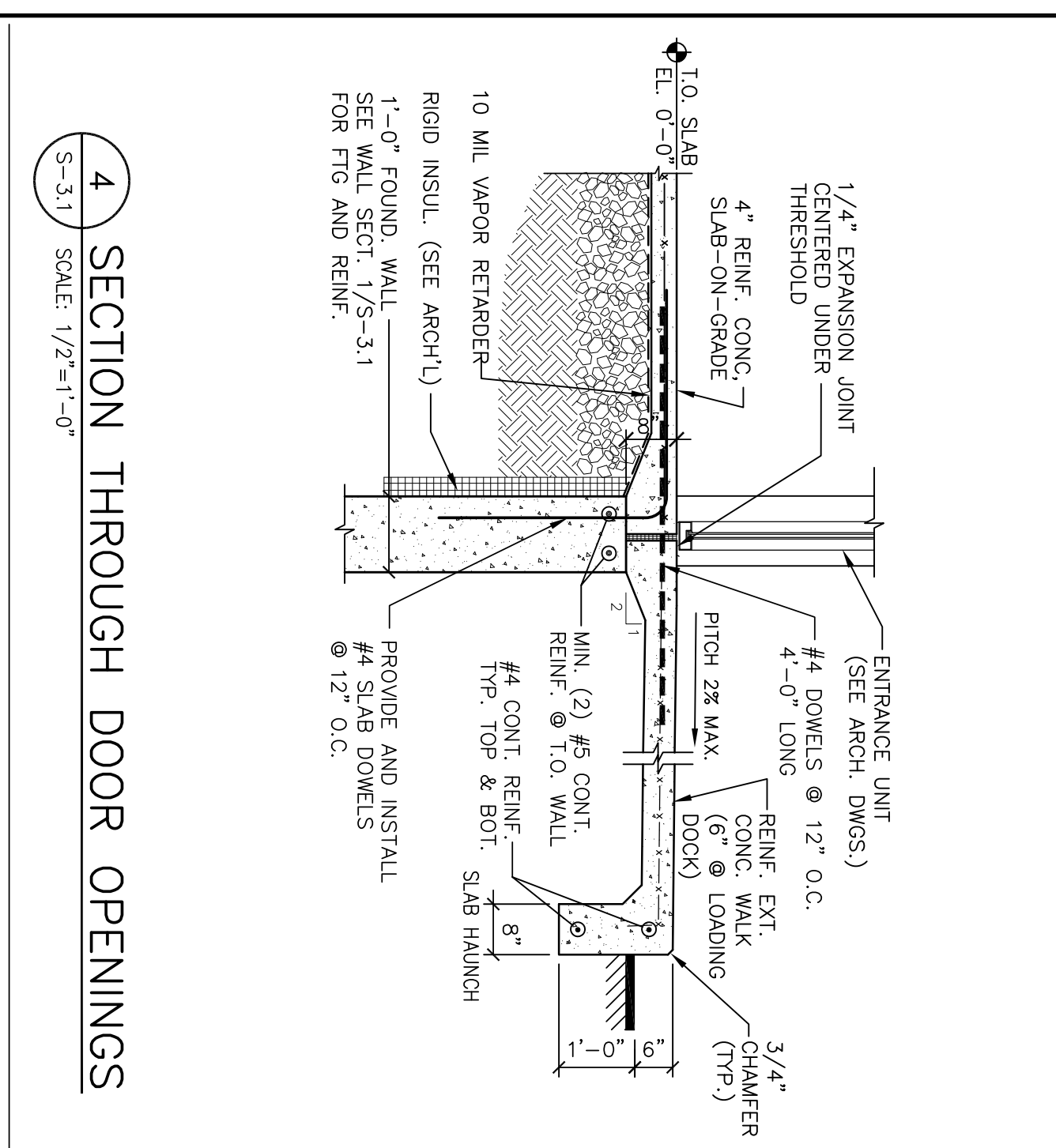
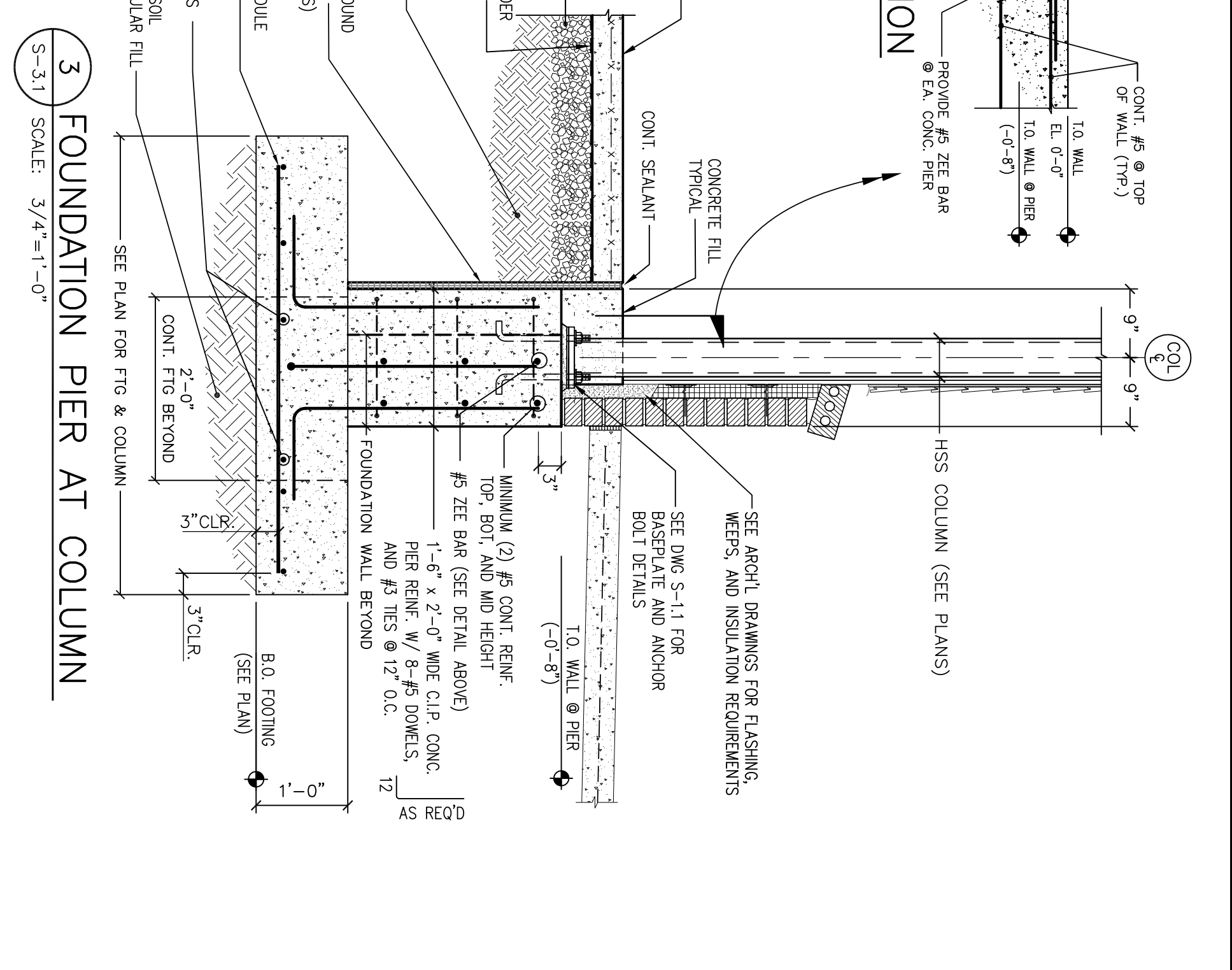
1 FOUNDATION WALL SECTION
SCALE: 3/4"=1'-0"



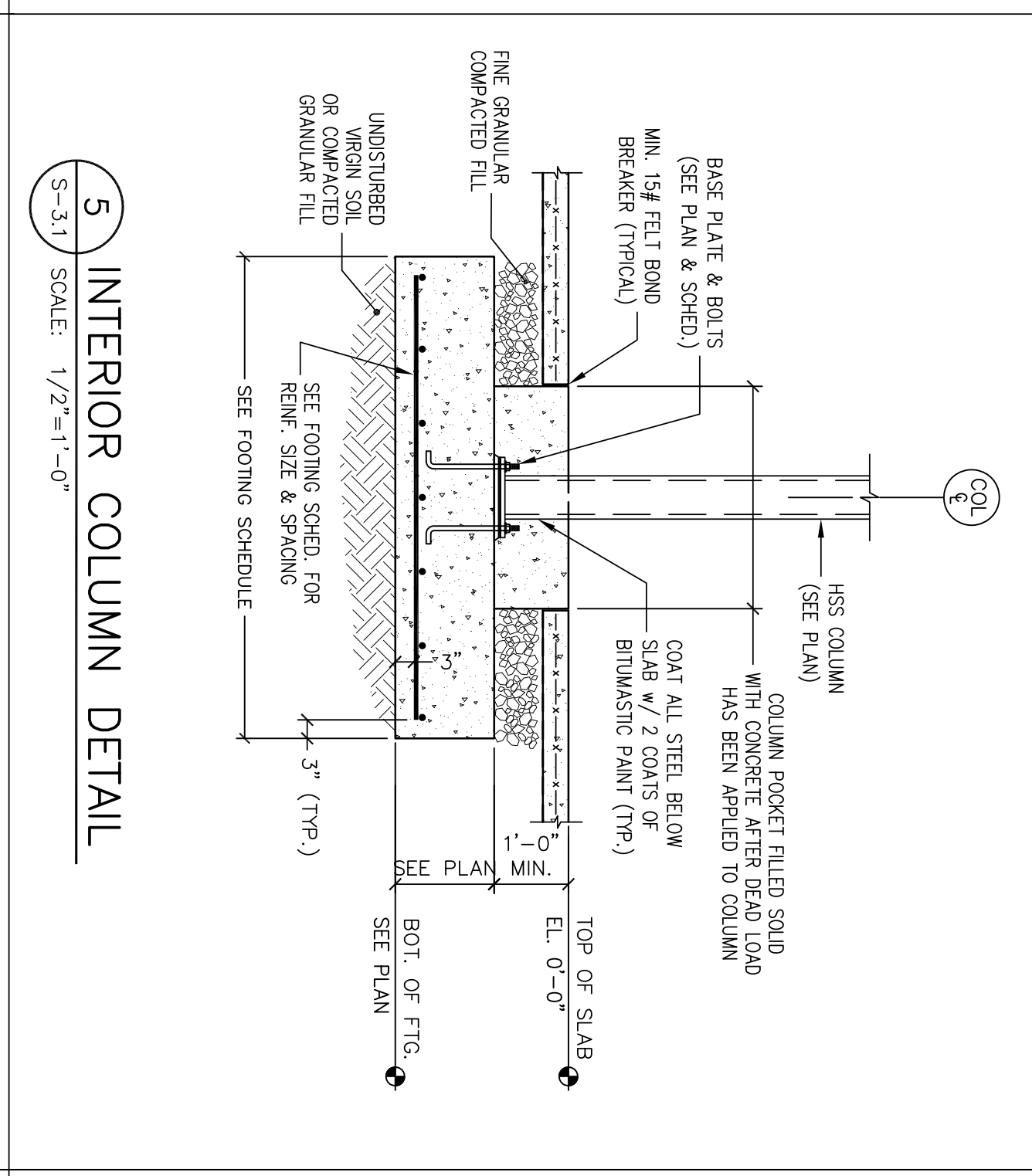
2 FOUNDATION WALL @ WINDOW OPENINGS
SCALE: 3/4"=1'-0"



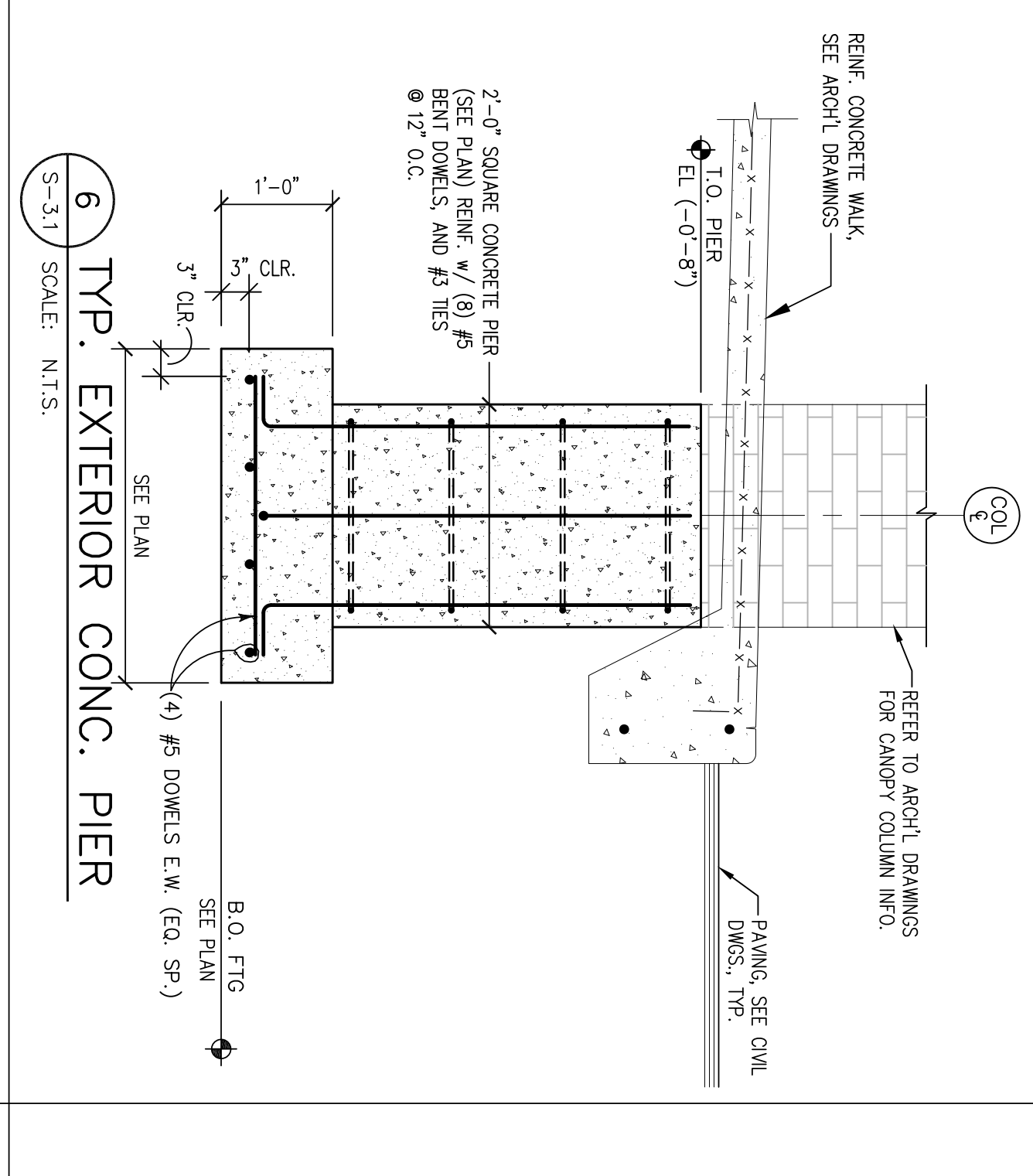
3 FOUNDATION PIER AT COLUMN
SCALE: 3/4"=1'-0"



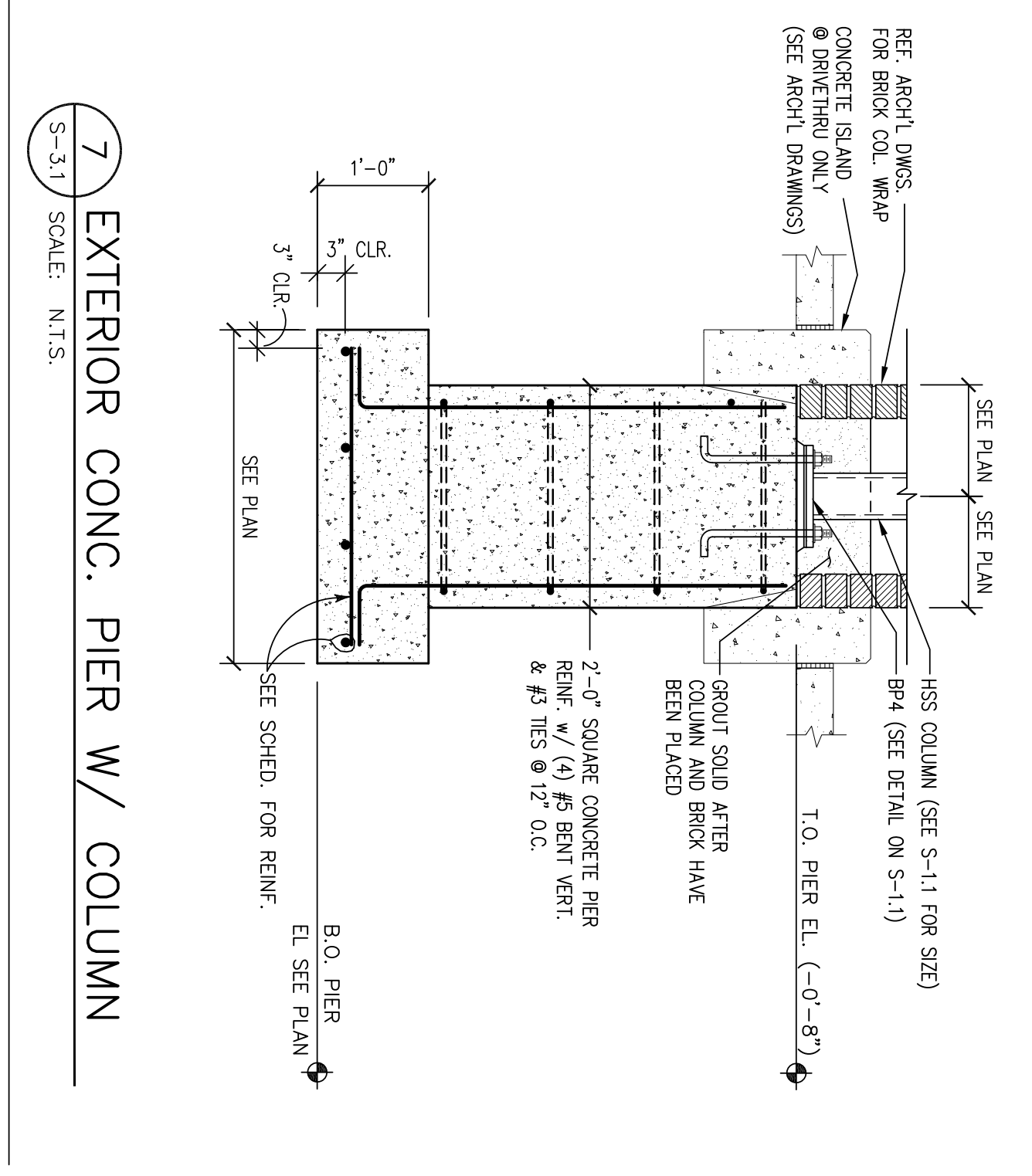
4 SECTION THROUGH DOOR OPENINGS
SCALE: 1/2"=1'-0"



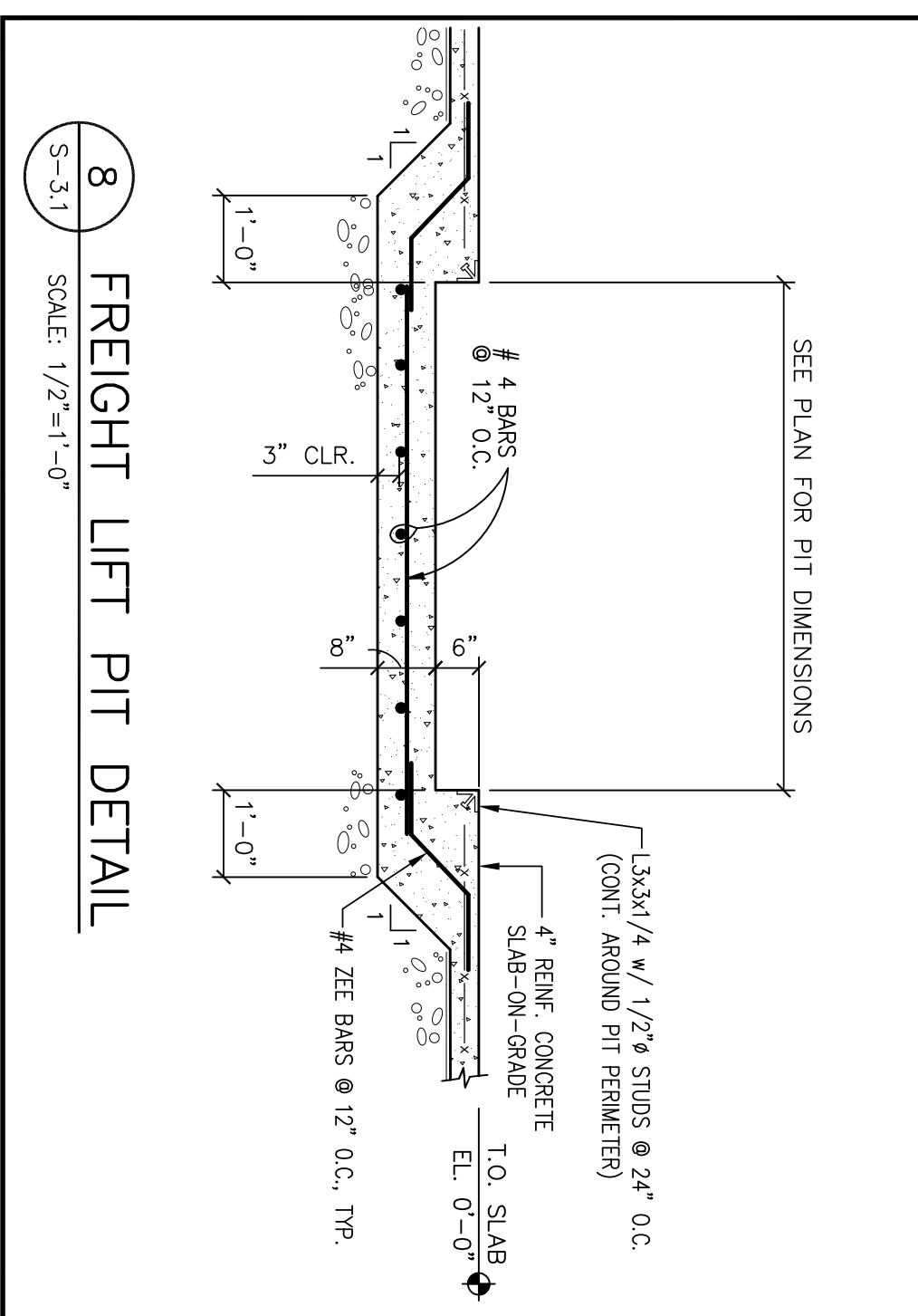
5 INTERIOR COLUMN DETAIL
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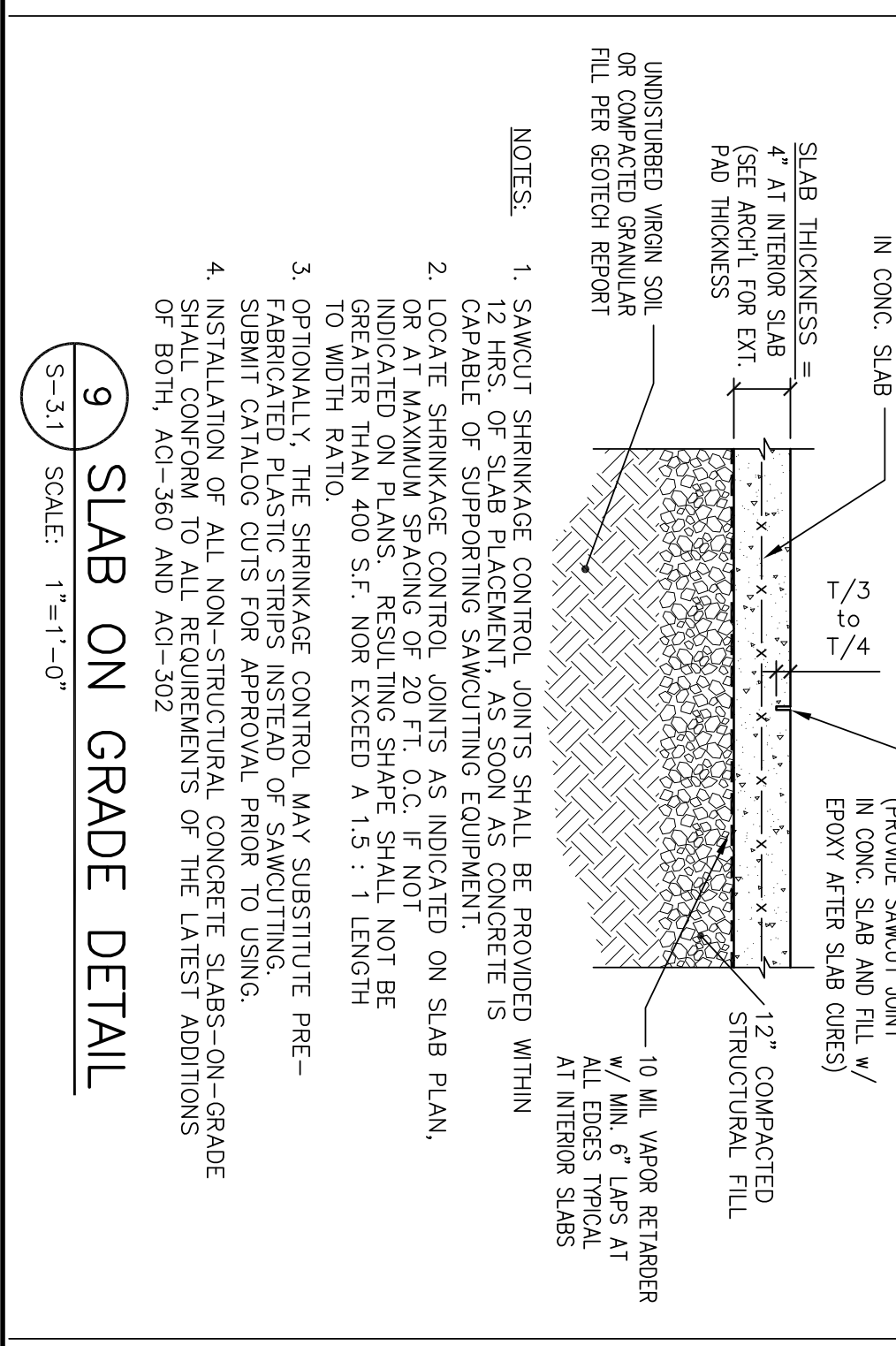
6 TYP. EXTERIOR CONC. PIER
SCALE: N.T.S.



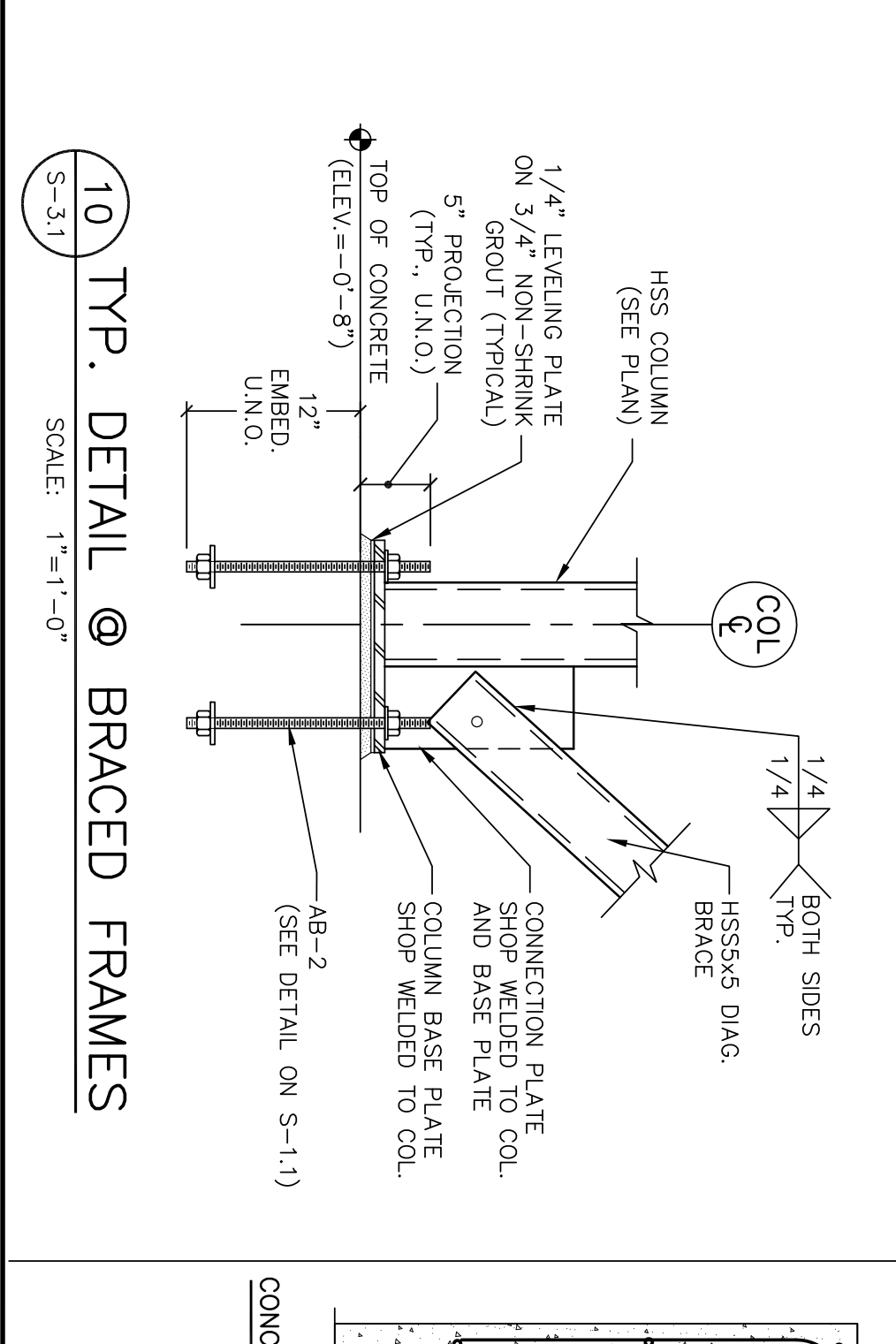
7 EXTERIOR CONC. PIER W/ COLUMN
SCALE: N.T.S.



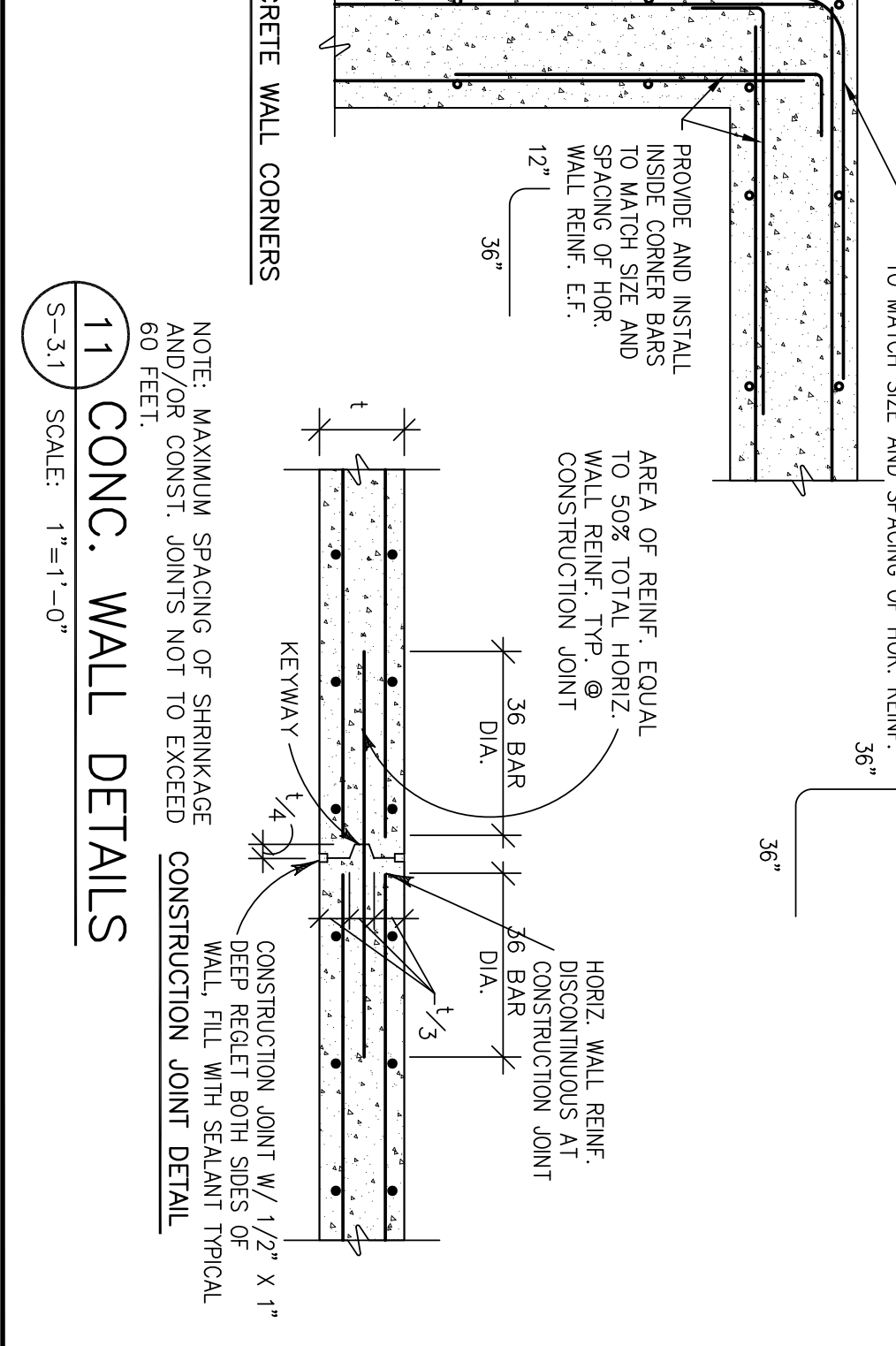
8 FREIGHT LIFT PIT DETAIL
SCALE: 1/2"=1'-0"



9 SLAB ON GRADE DETAIL
SCALE: 1"=1'-0"



10 TYP. DETAIL @ BRACED FRAMES
SCALE: 1"=1'-0"



11 CONC. WALL DETAILS
SCALE: 1"=1'-0"

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pharmacy
NEW
STORE NUMBER: 329
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91 AUBURN STREET
PORTLAND, MAINE

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SEAL:

REVISIONS:

TITLE:
FOUNDATION WALL
SECTIONS & DETAILS

JOB NUMBER: 209017

DATE: 08/31/2009

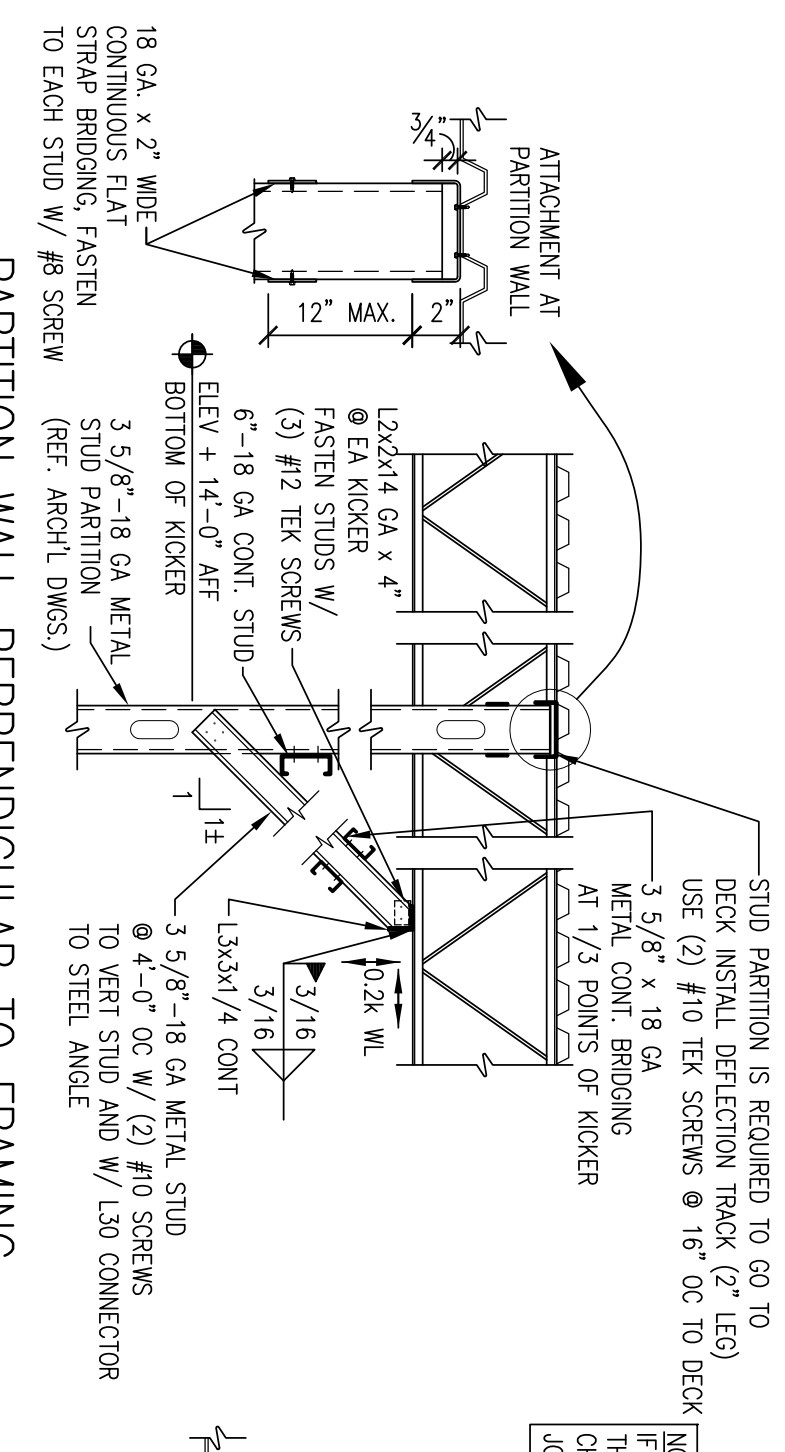
ENGINEERED BY: MNC

DRAWING BY: AG

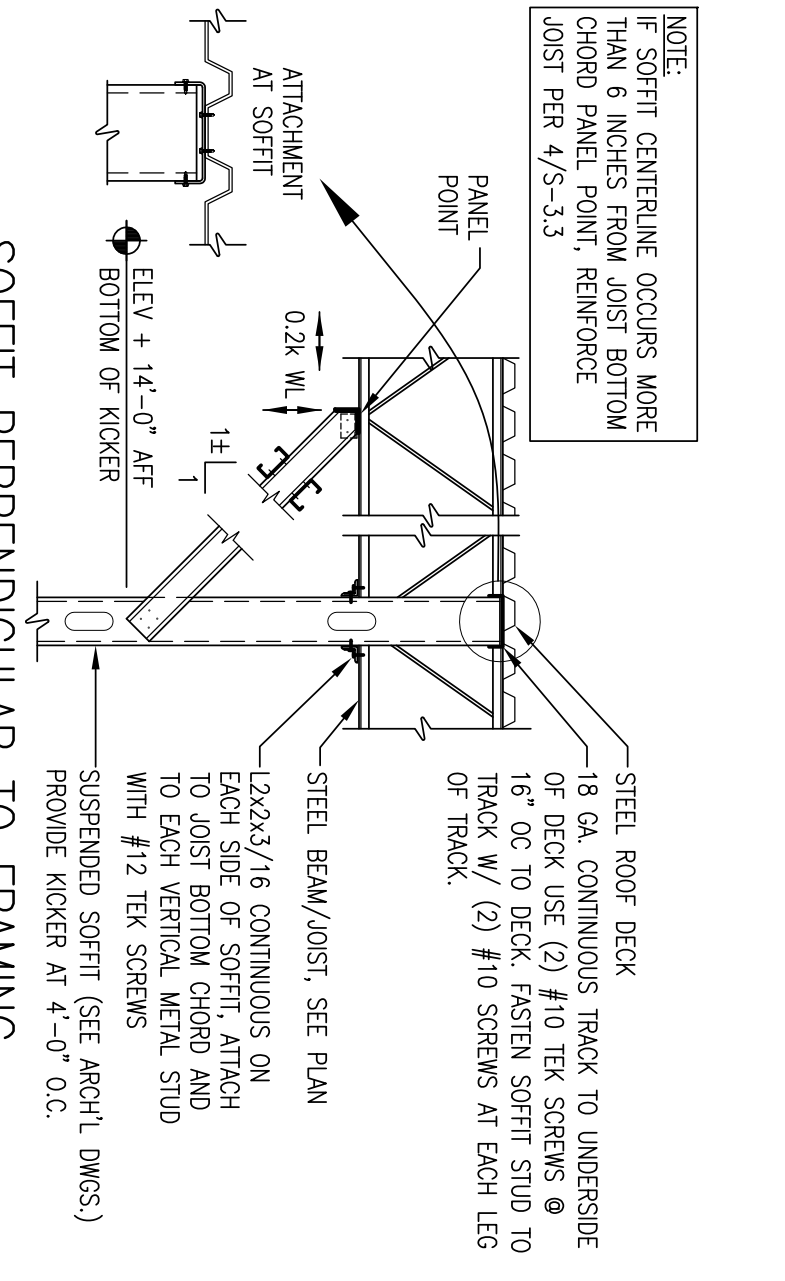
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SHEET NUMBER: S-3.1

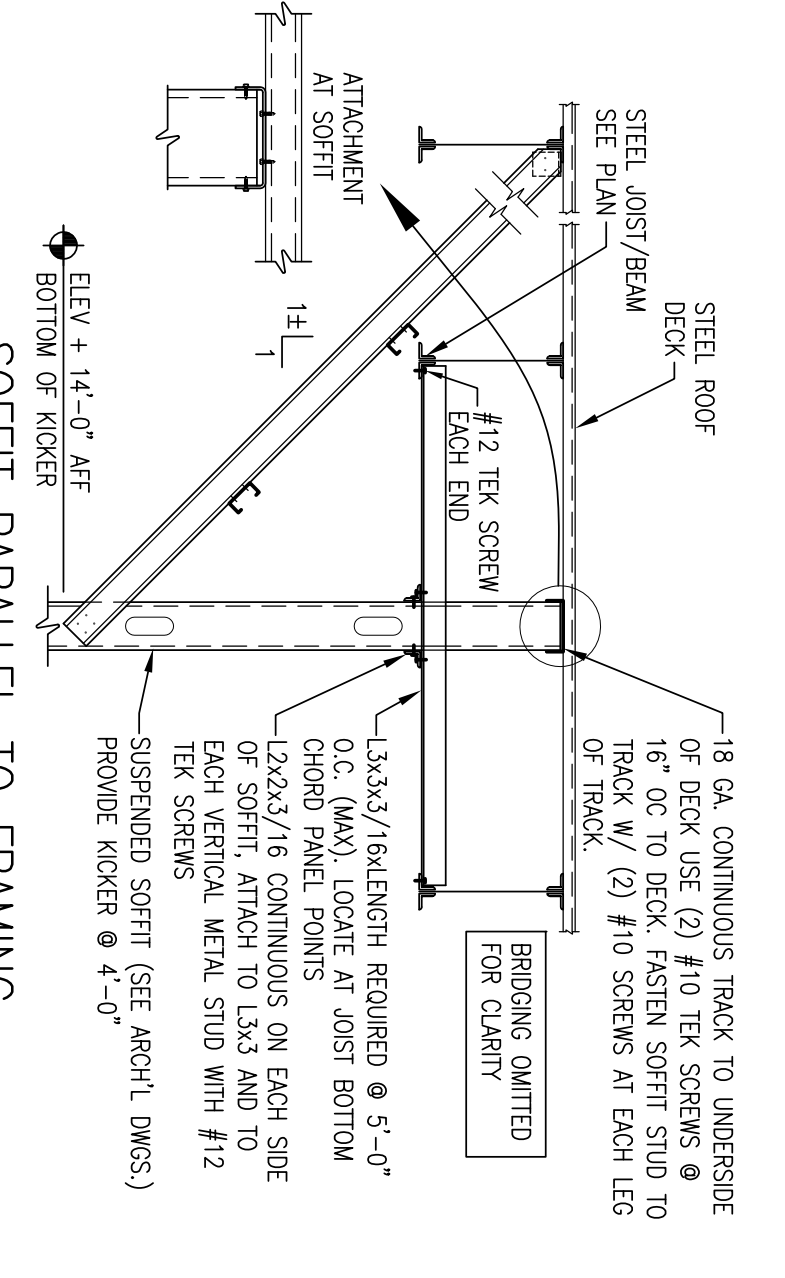
COMMENTS:
ISSUED FOR CONSTRUCTION



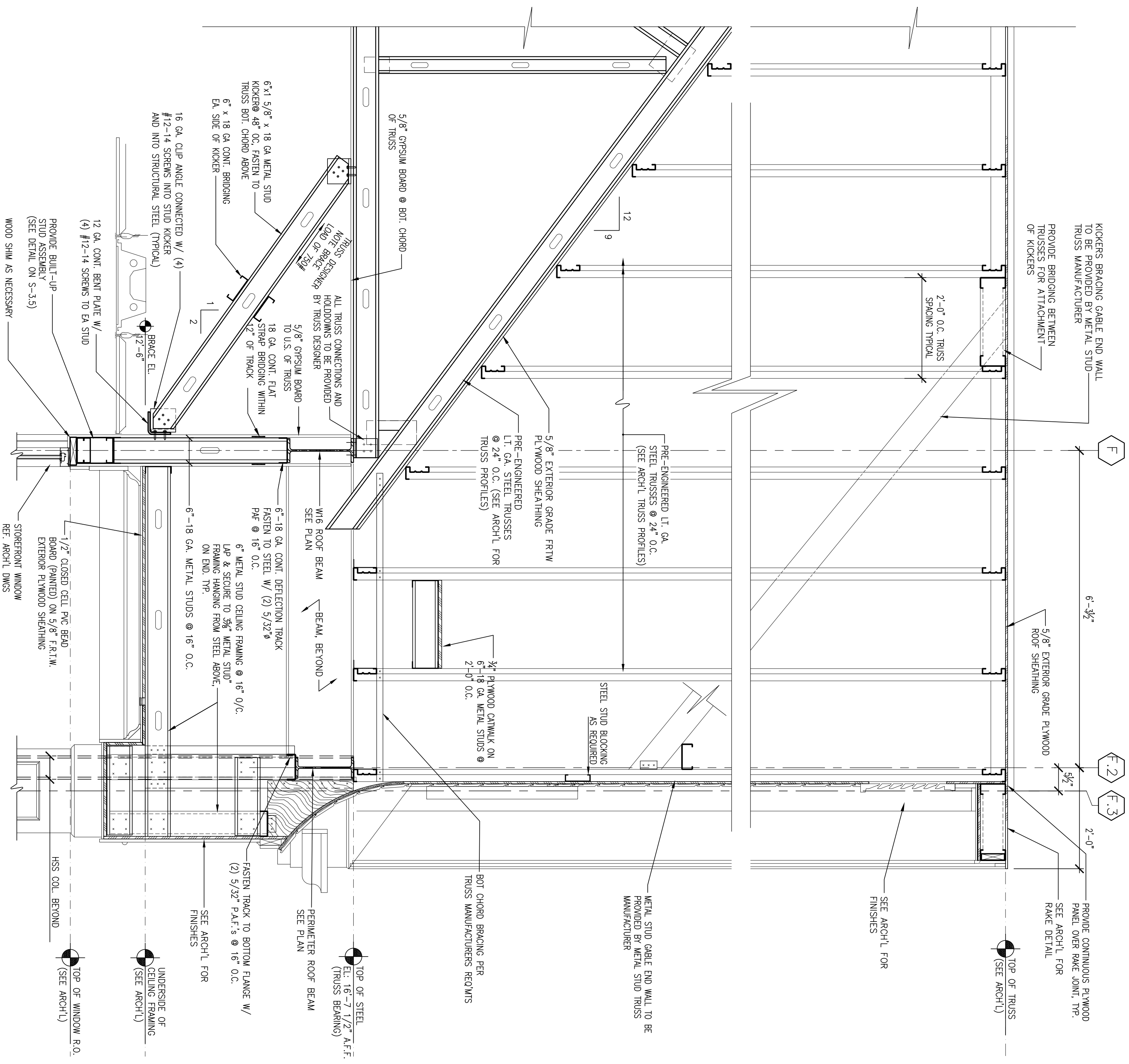
— PARTITION WALL PERPENDICULAR TO FRAMING —



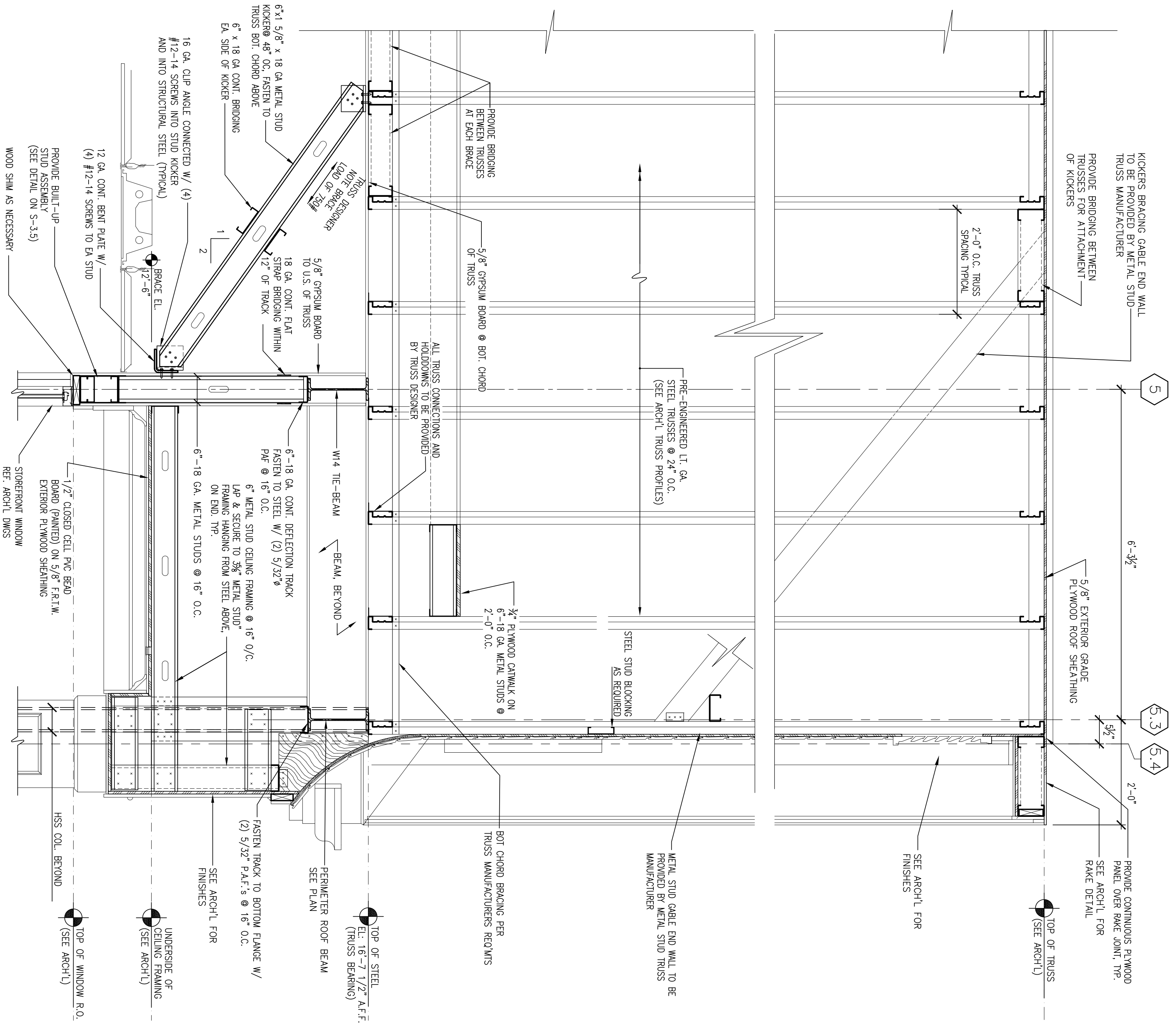
3 SUSPENDED SOFFIT / WALL DETAILS
S-3.2 SCALE: NONE



— SOFFIT PARALLEL TO FRAMING —



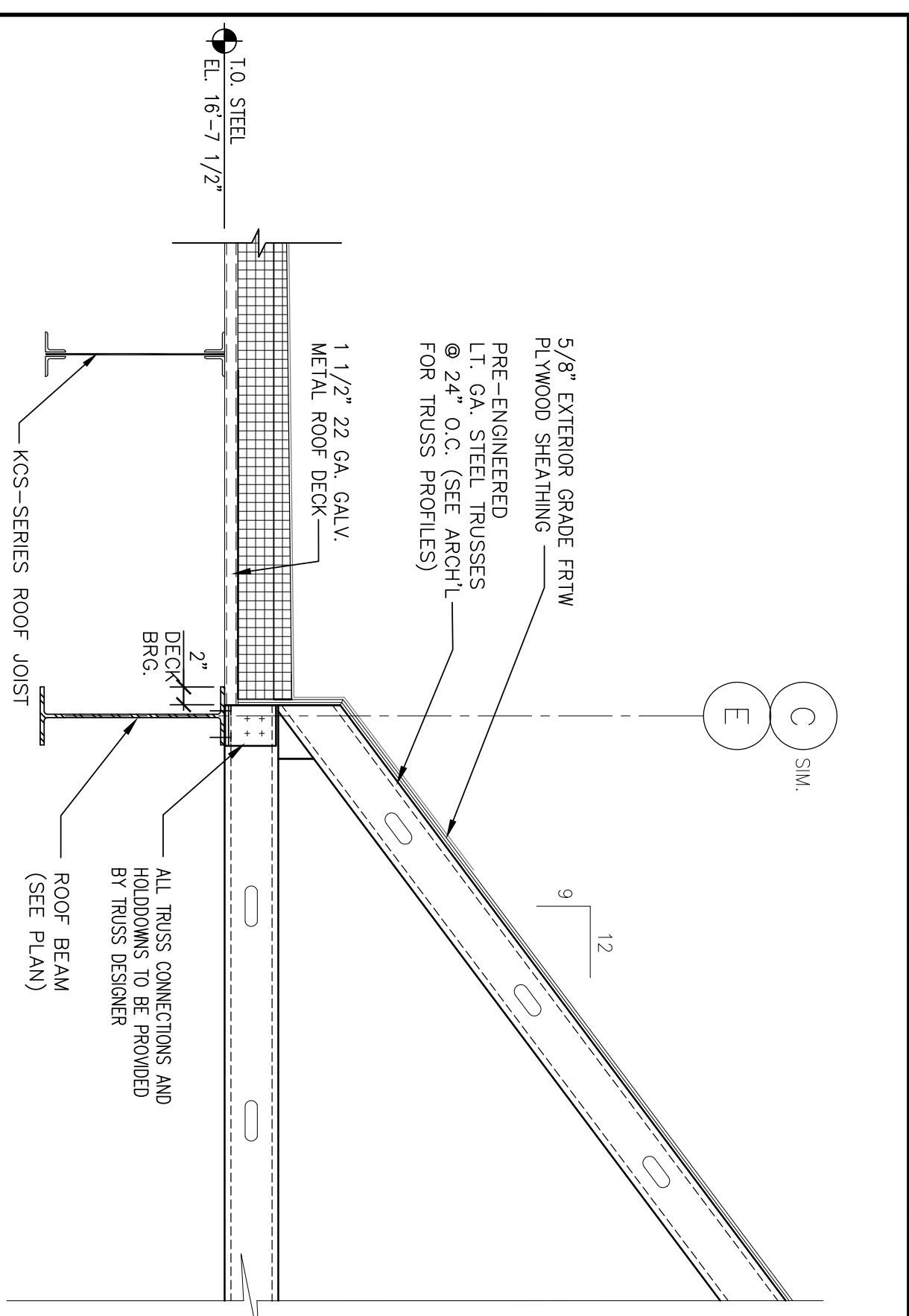
1 CANOPY SECTION
S3.2 SCALE: 3/4"=1'-0"



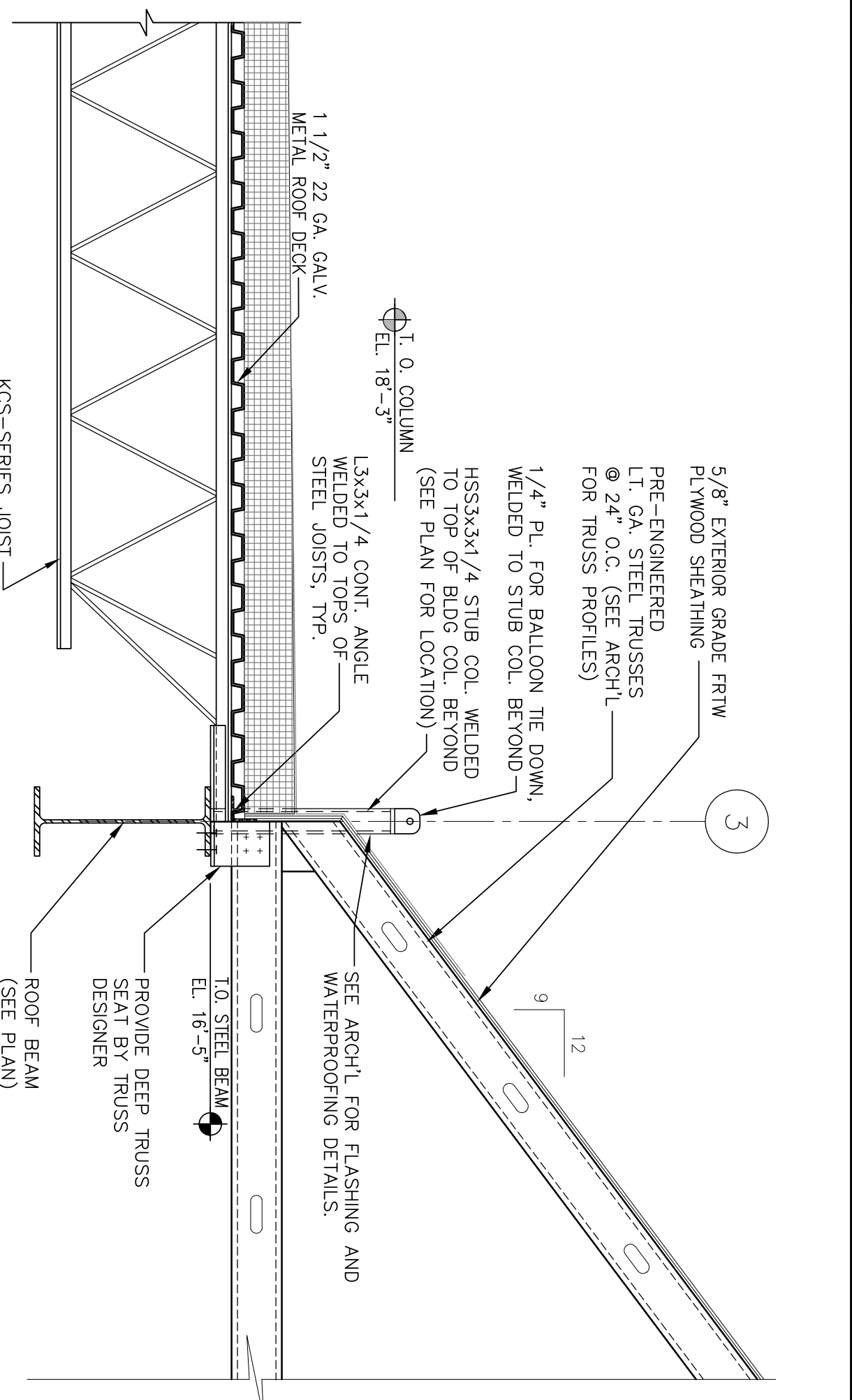
2 CANOPY SECTION
S3.2 SCALE: 3/4"=1'-0"

<p>BKA Architects, Inc. Architecture + Interiors</p> <p>142 Crescent Street Brookline, MA 02302</p> <p>tel : 508.583.5603 fax : 508.584.2914 e-mail : bka@bkaarch.com</p>		<p>CONSULTANT:</p>	<p>SEAL:</p>	<p>NEW</p> <p>STORE NUMBER: 329</p> <p>NORTHGATE PLAZA 91 AUBURN STREET PORTLAND, MAINE</p>	<p>DEVELOPER:</p> <p>A & D REALTY, LLC 5 MILITIA DRIVE LEXINGTON, MA 02421</p>	<p>REVISIONS:</p>	<p>CHECKED BY: TG</p> <p>ENGINEERED BY: MWC</p> <p>DRAWING BY: AG</p> <p>DATE: 08/31/2009</p> <p>JOB NUMBER: 209017</p> <p>TITLE: STRUCTURAL WALL SECTIONS</p> <p>SHEET NUMBER: S-3.2</p> <p>COMMENTS: ISSUED FOR CONSTRUCTION</p>
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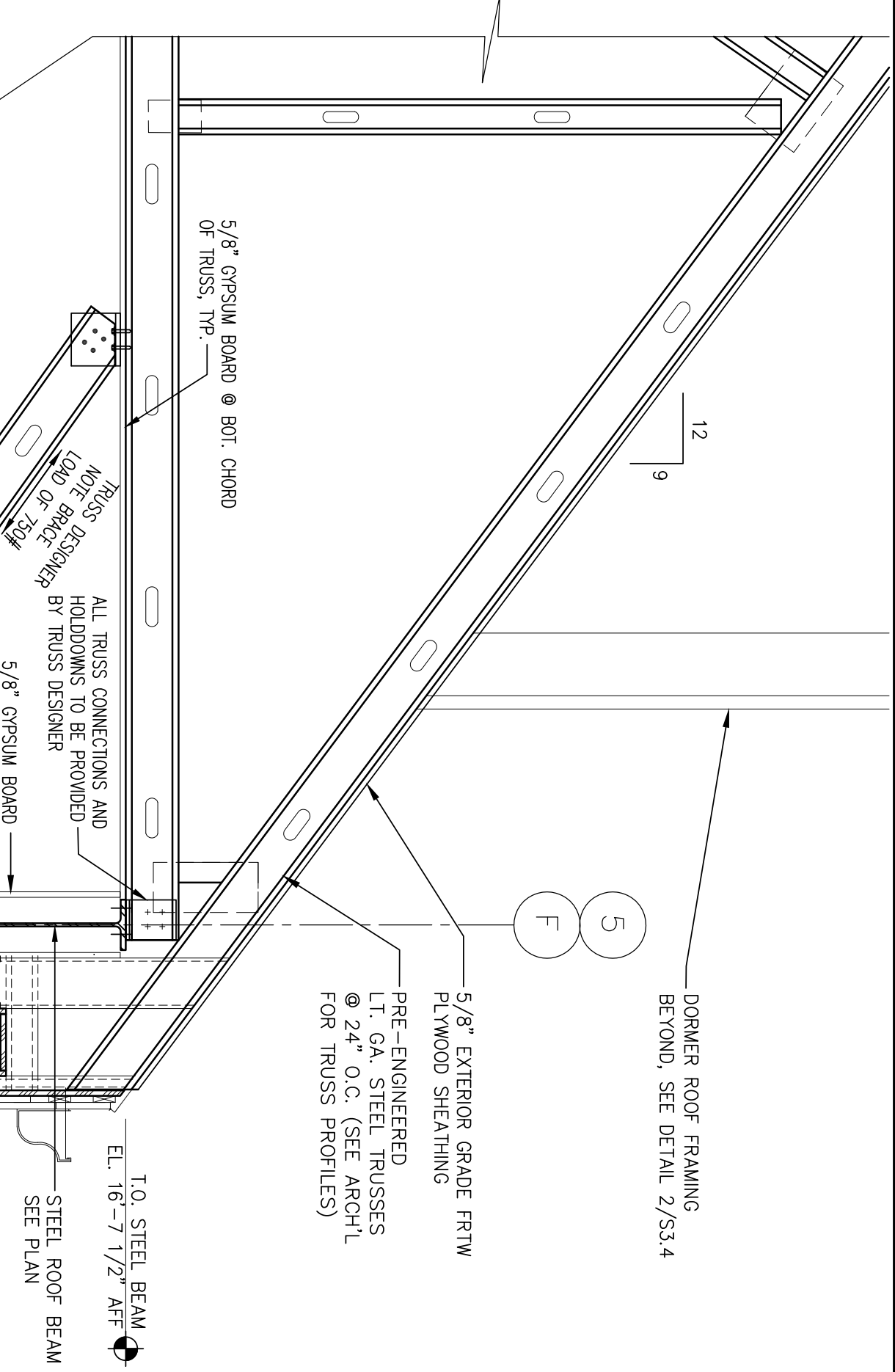
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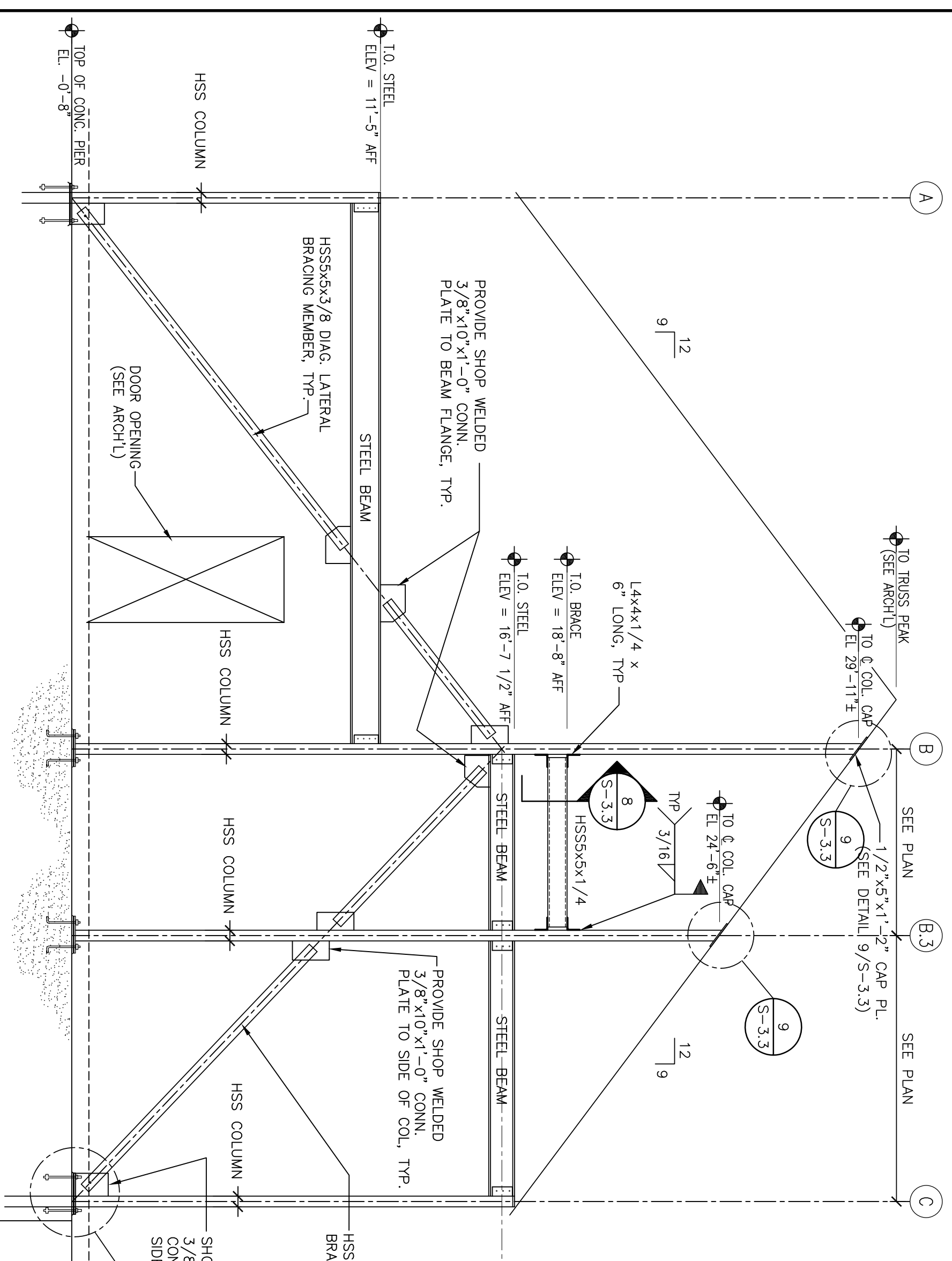
1 SECTION AT ROOF TRANSITION
SCALE: 3/4"=1'-0"



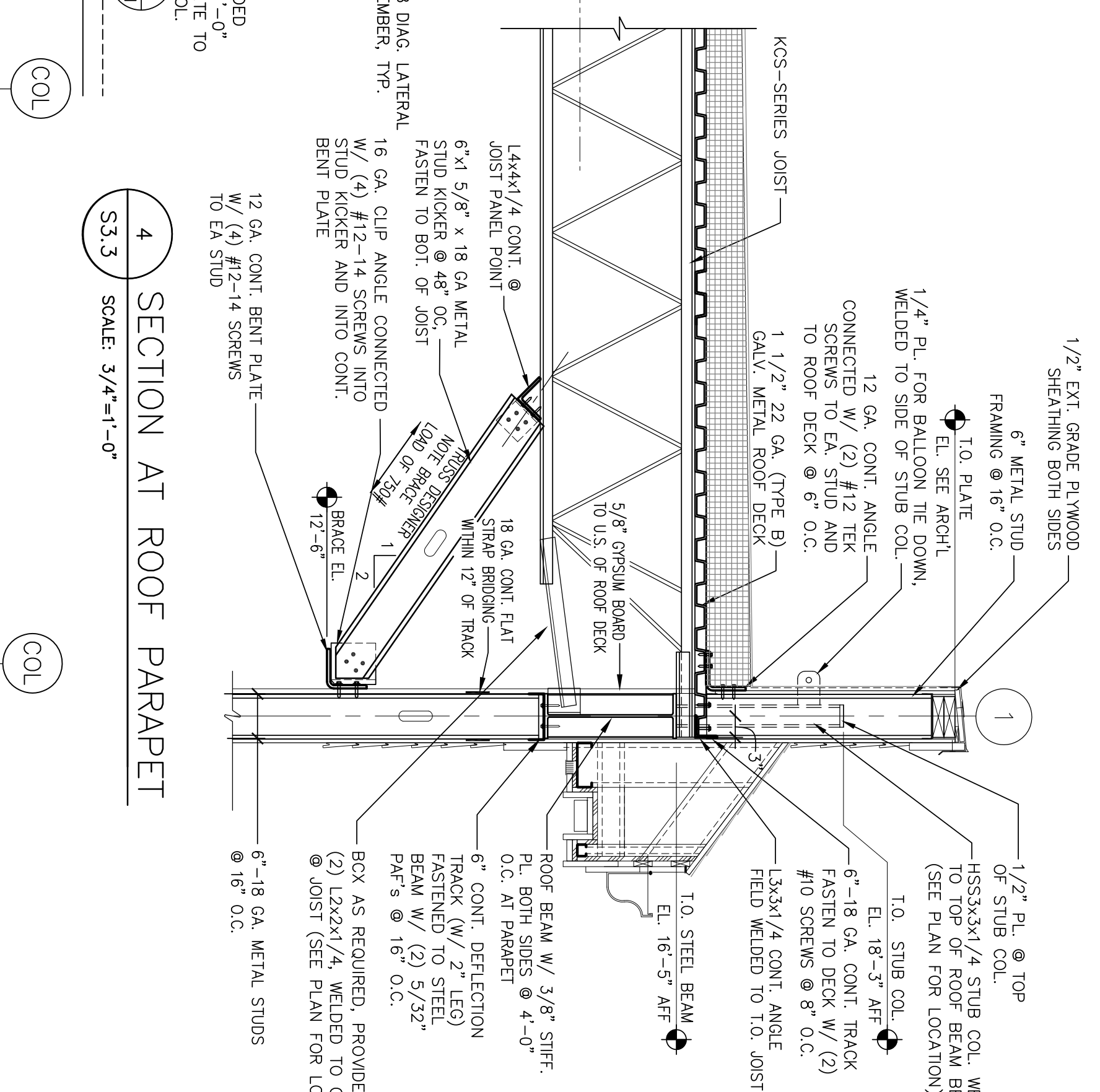
2 SECTION AT ROOF TRANSITION
SCALE: 3/4"=1'-0"



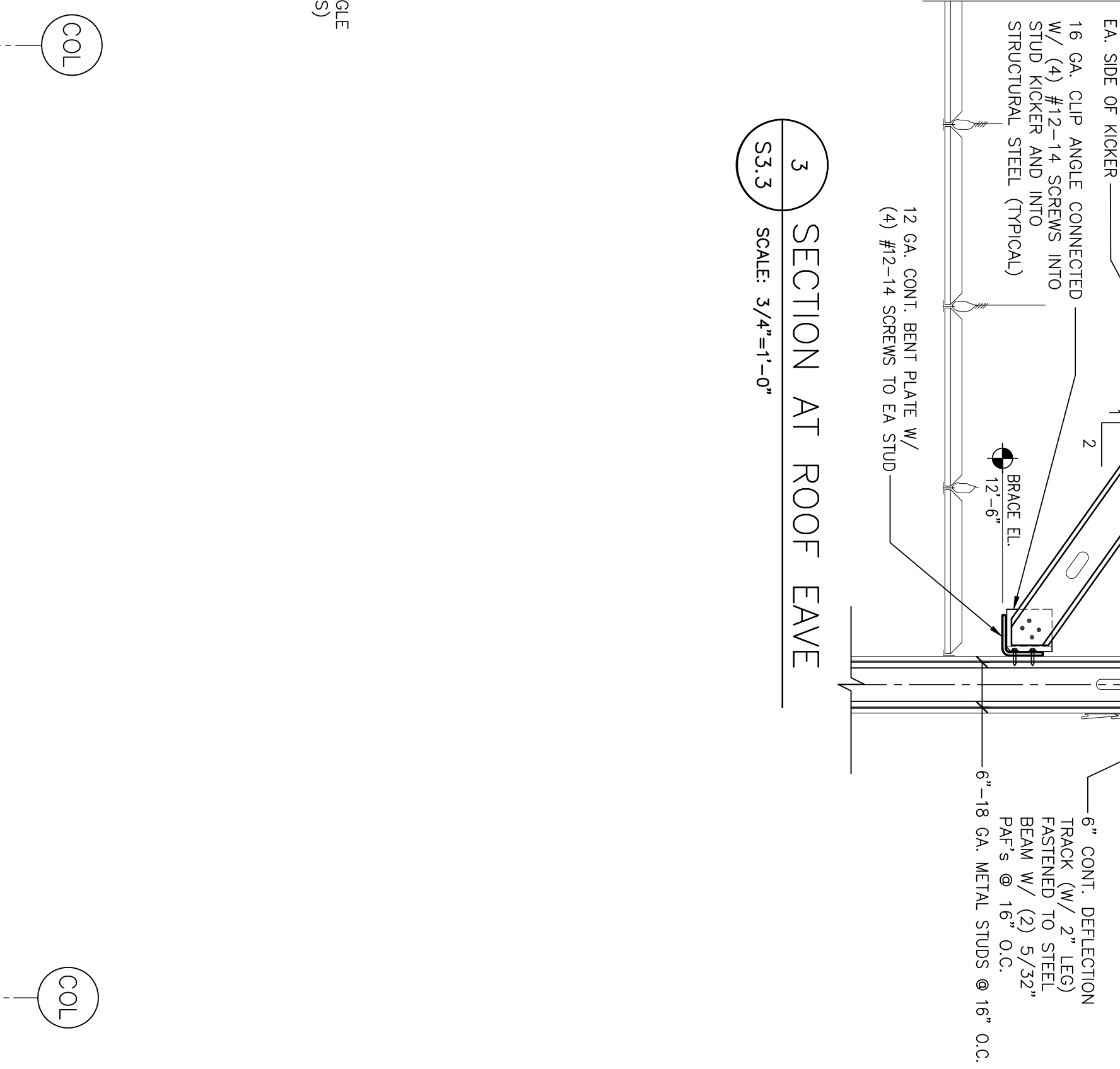
3 SECTION AT ROOF EAVE
SCALE: 3/4"=1'-0"



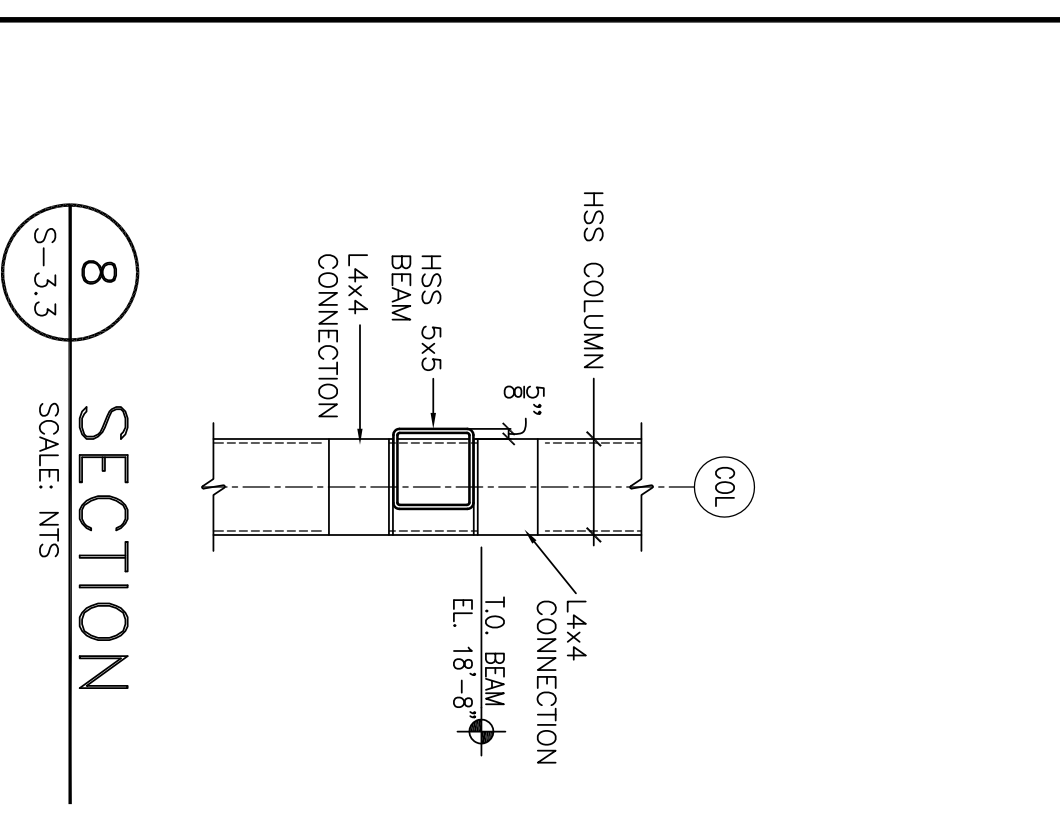
4 SECTION AT ROOF TRANSITION
SCALE: 3/4"=1'-0"



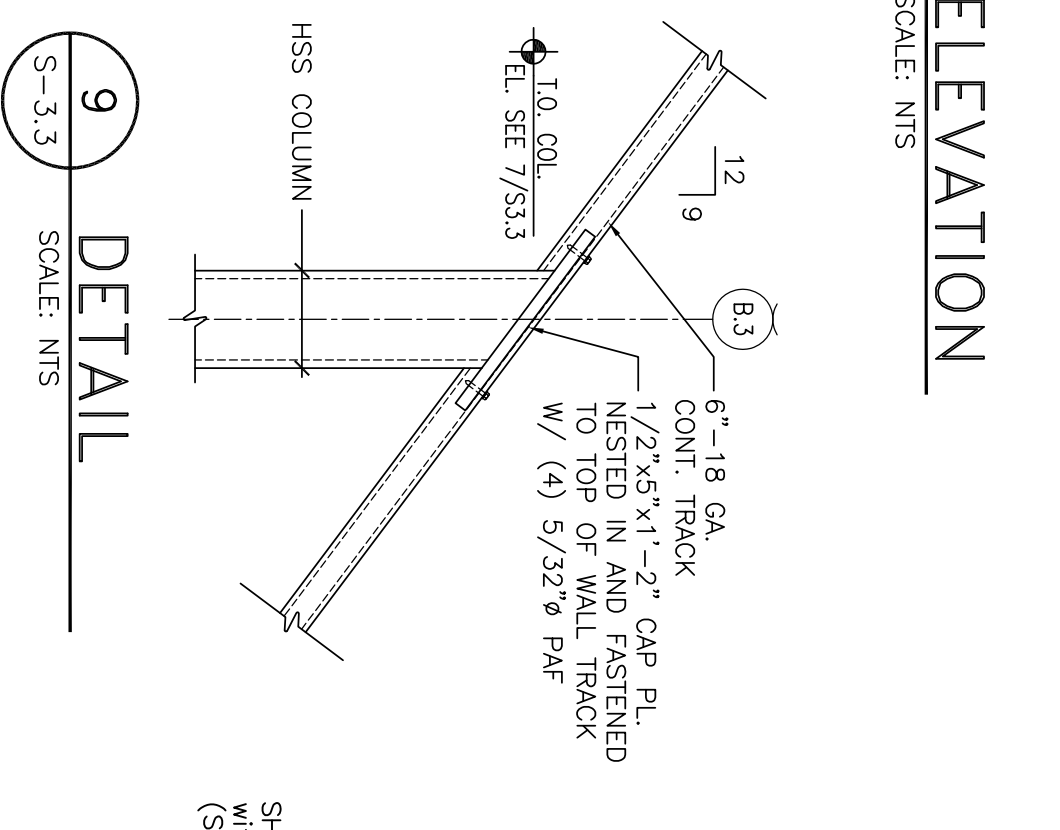
5 SECTION AT ROOF TRANSITION
SCALE: 3/4"=1'-0"



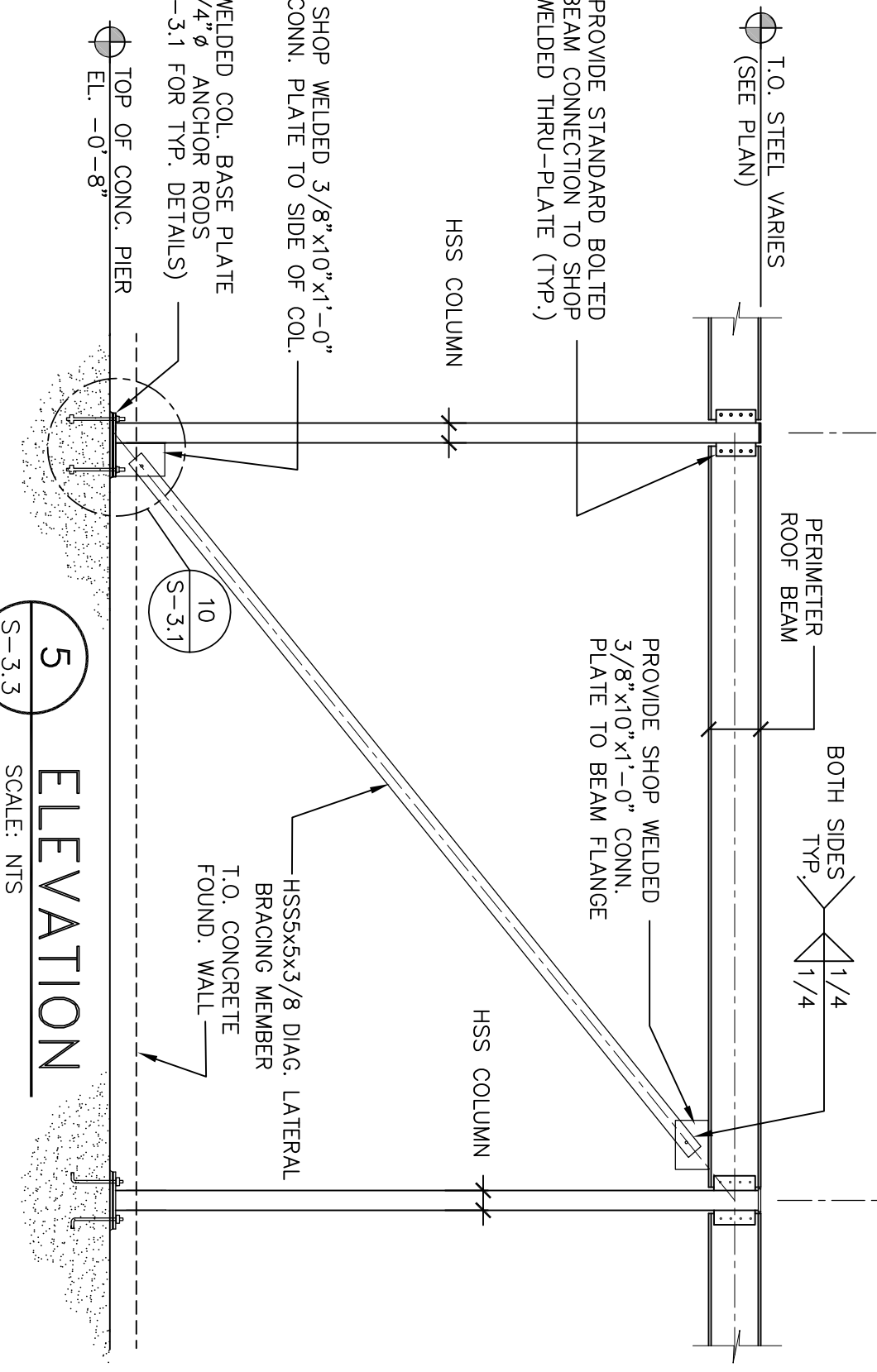
6 SECTION AT ROOF TRANSITION
SCALE: 3/4"=1'-0"



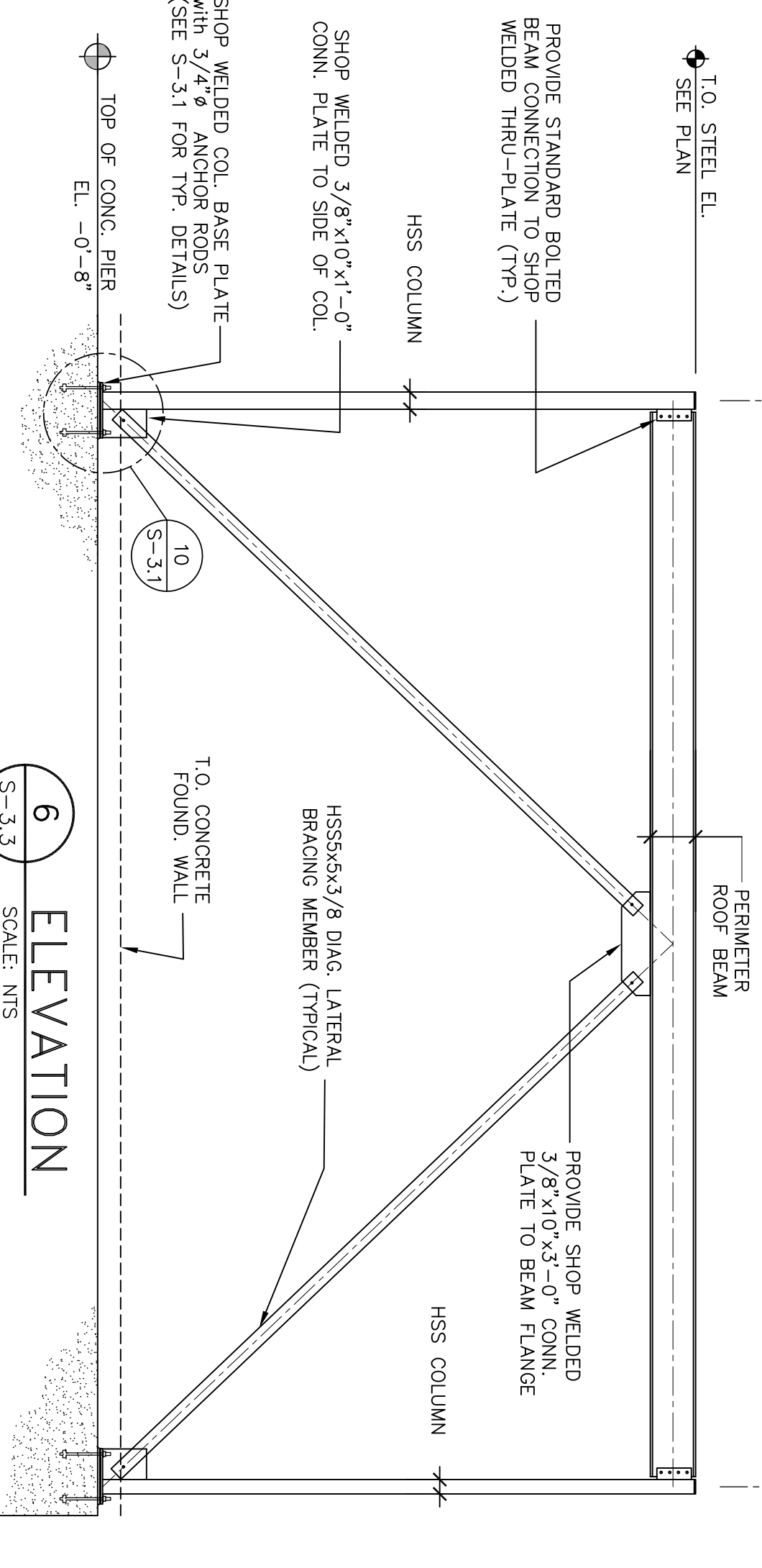
8 SECTION
SCALE: NTS



9 ELEVATION
SCALE: NTS



5 ELEVATION
SCALE: NTS

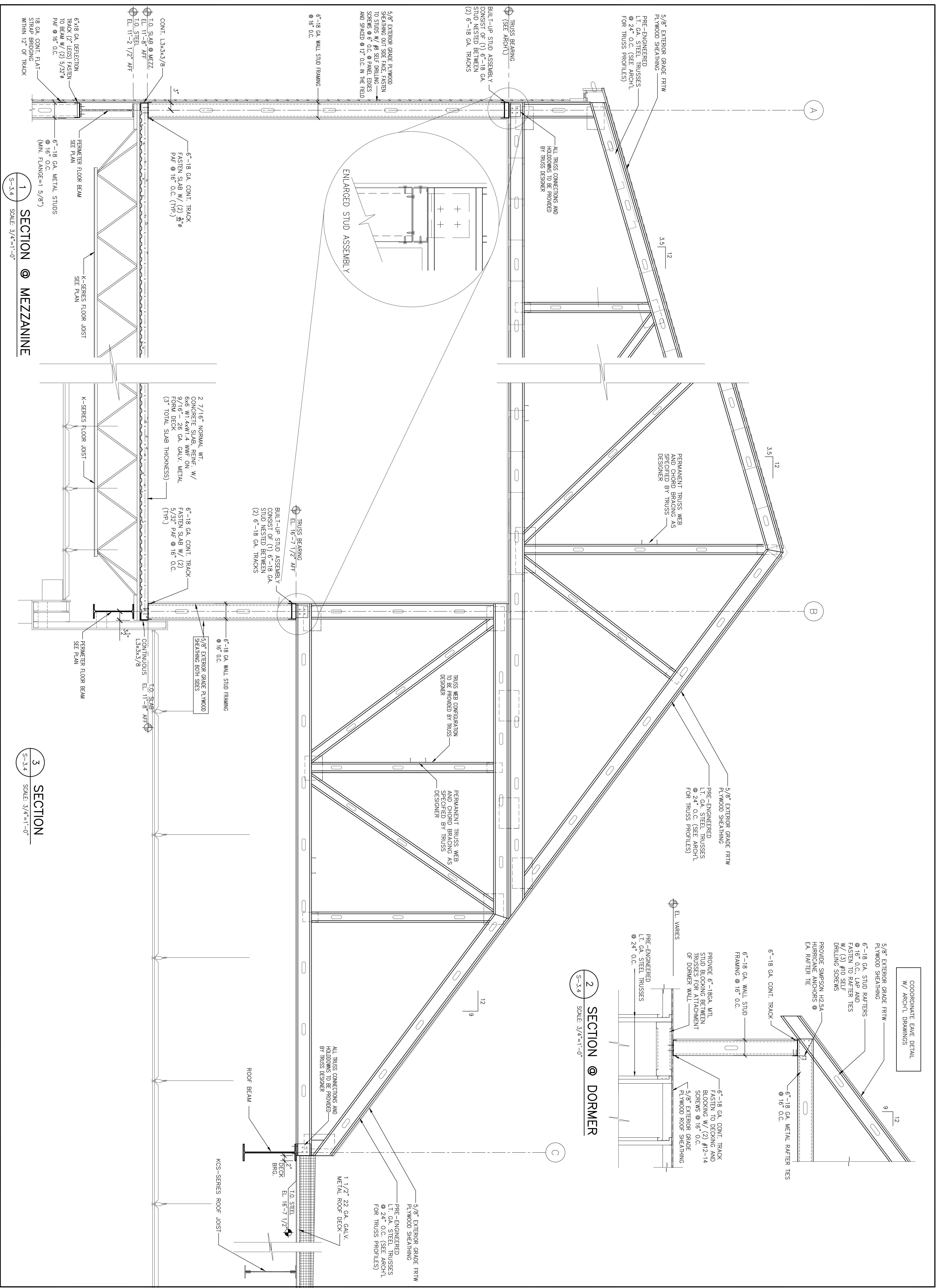


6 ELEVATION
SCALE: NTS

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CHECKED BY:	TG
ENGINEERED BY:	MVC
DRAWING BY:	AG
DATE:	08/31/2009
JOB NUMBER:	209017
TITLE:	STRUCTURAL WALL SECTIONS AND BRACING ELEVATIONS
SHEET NUMBER:	S-3.3
COMMENTS:	ISSUED FOR CONSTRUCTION

CONSULTANT:	BKA Architects, Inc. Architecture + Interiors 142 Crescent Street Brockton, MA 02302 tel : 508.583.5603 fax : 508.584.2914 e-mail : bka@bkaarch.com
SEAL:	



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CVS/
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NEW

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REVISIONS:

CHECKED BY: TG

ENGINEERED BY: MYC

DRAWING BY: AG

DATE: 08/31/2009

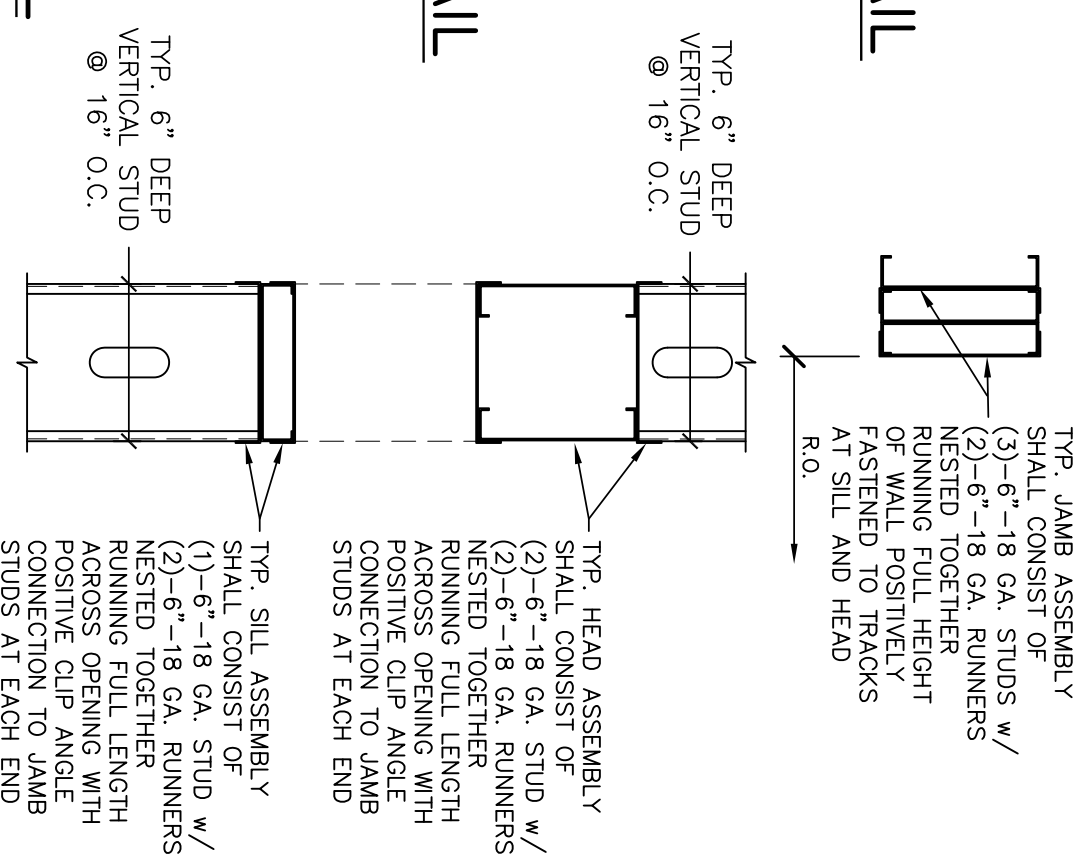
JOB NUMBER: 209017

TITLE: STRUCTURAL WALL SECTIONS

SHEET NUMBER: S-3.4

COMMENTS: ISSUED FOR CONSTRUCTION

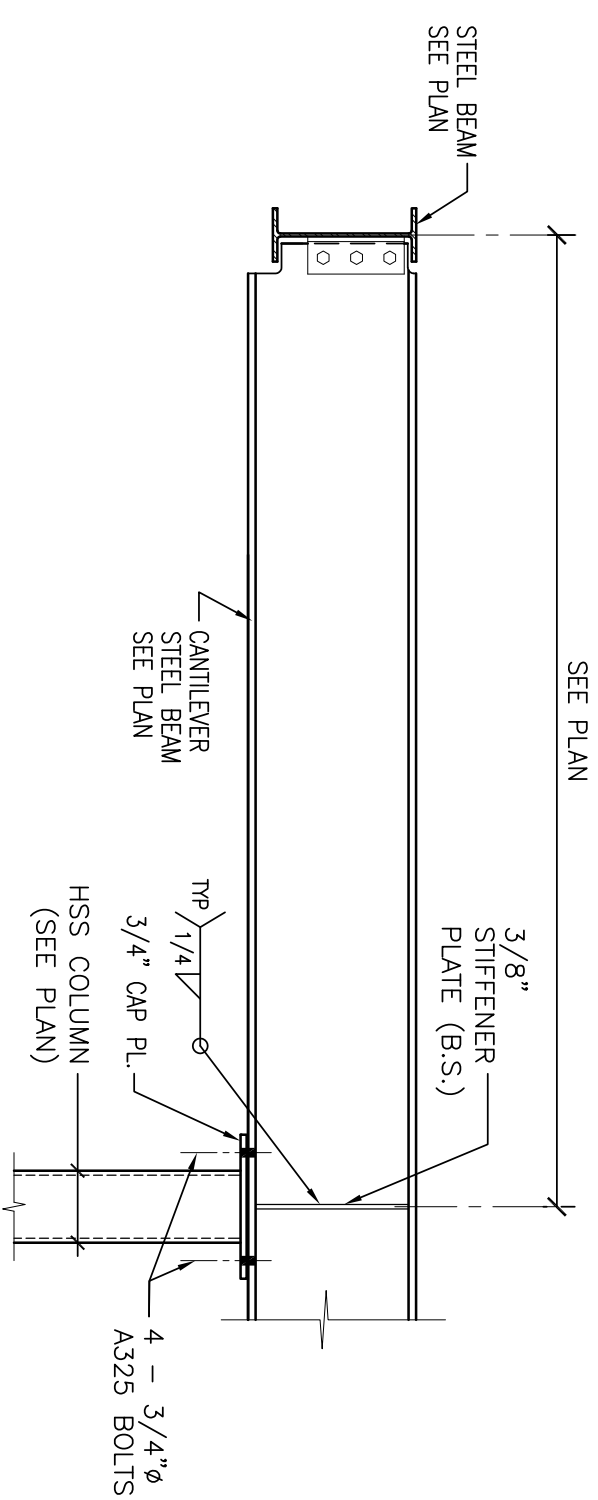
JAMB DETAIL



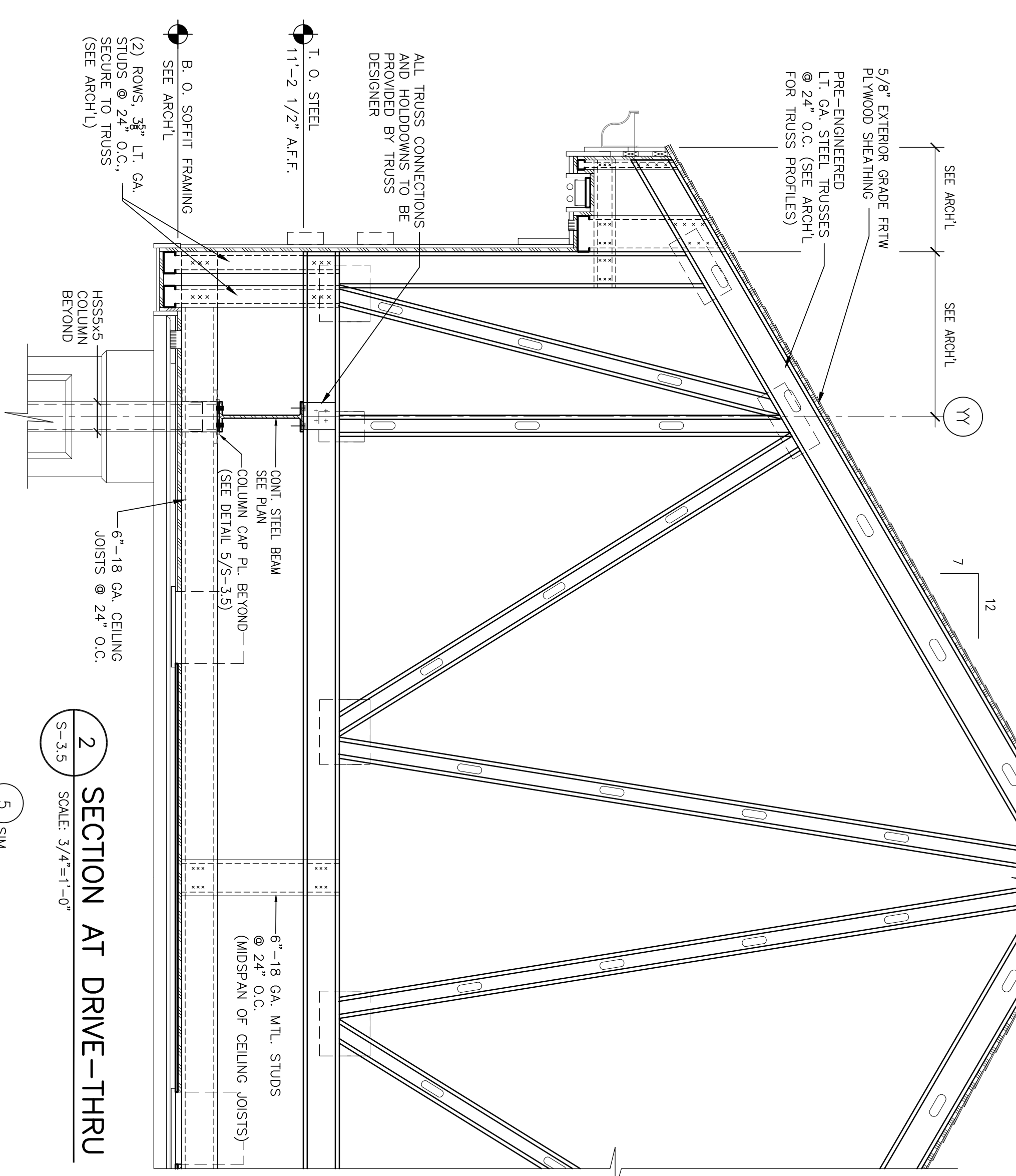
HEAD DETAIL

SILL DETAIL

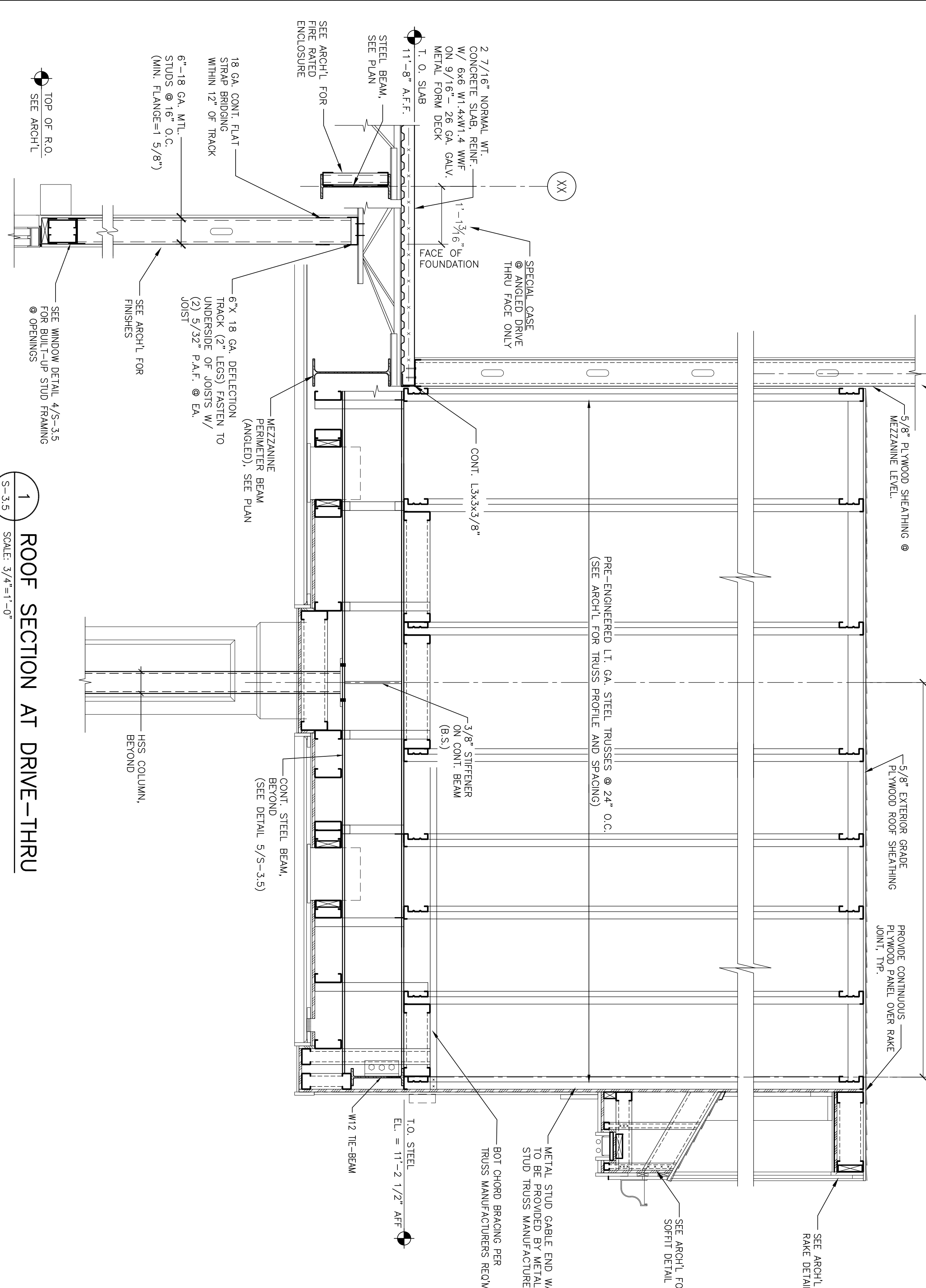
4 WINDOW DETAILS
 SCALE: NONE



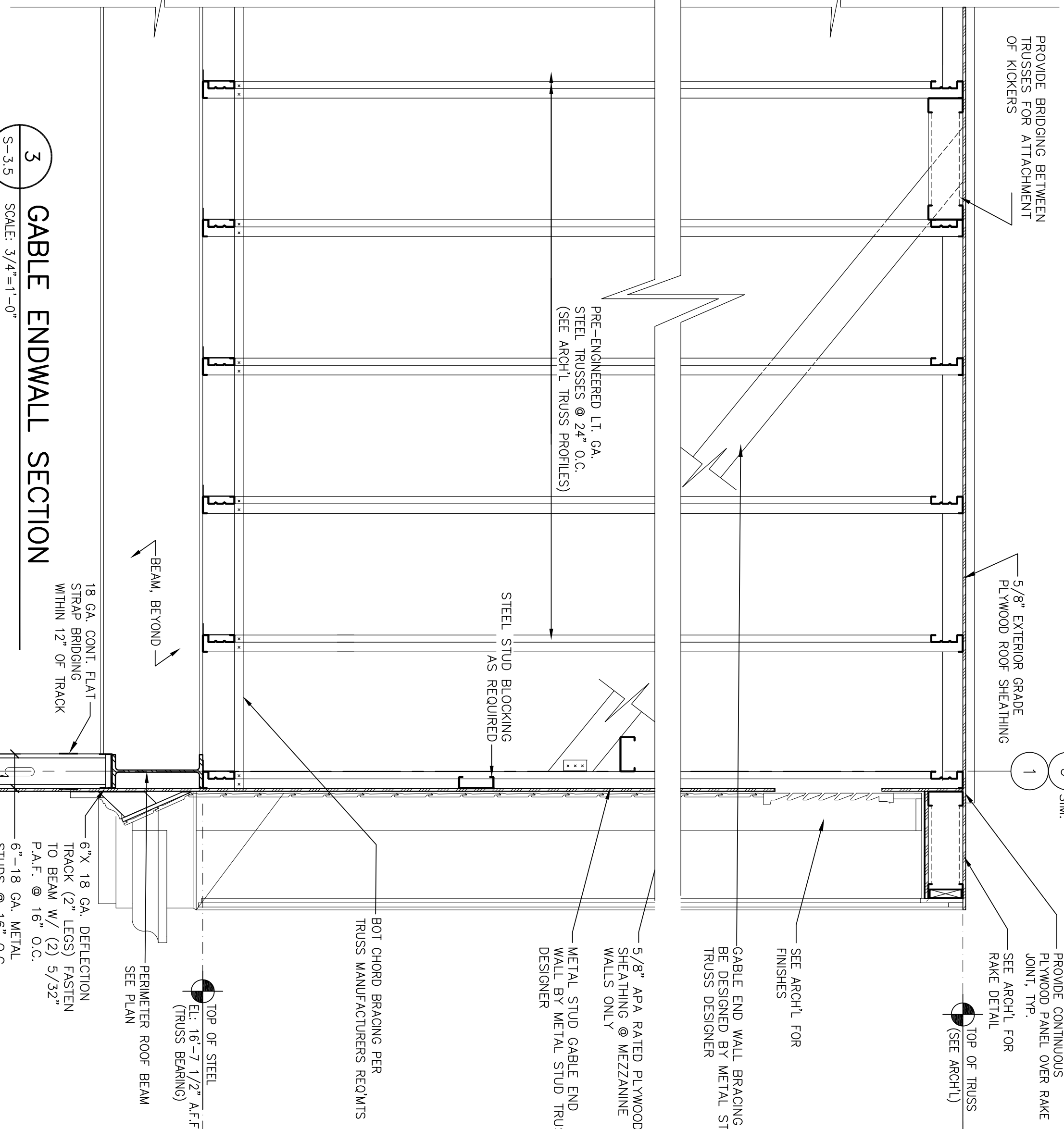
5 BEAM CANTILEVER @ DRIVE-THRU
 SCALE: 3/4"=1'-0"



2 SECTION AT DRIVE-THRU
 SCALE: 3/4"=1'-0"



1 ROOF SECTION AT DRIVE-THRU
 SCALE: 3/4"=1'-0"



3 GABLE ENDWALL SECTION
 SCALE: 3/4"=1'-0"

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 LEXINGTON, MA 02421

COMMENTS:

ISSUED FOR CONSTRUCTION

DRIVE-THRU SECTIONS AND TYPICAL DETAILS

SHEET NUMBER:

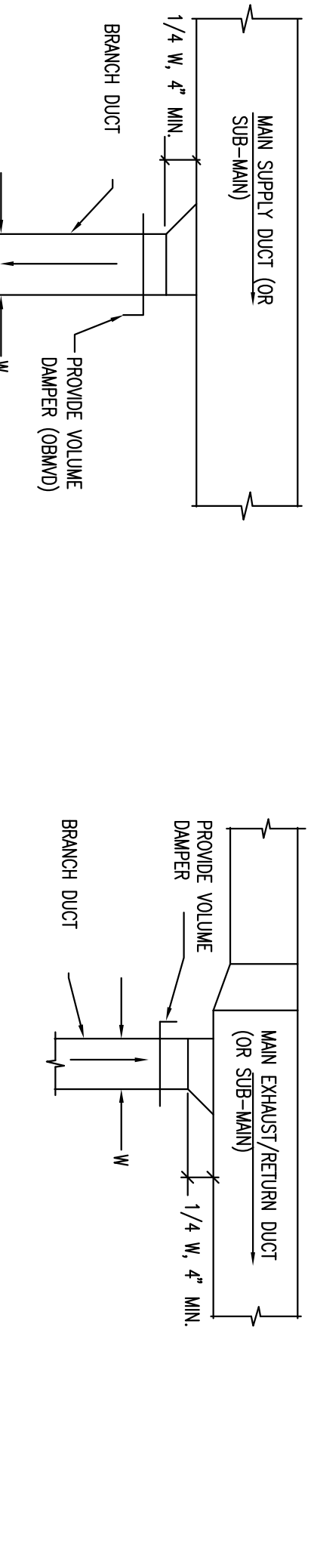
S-3.5

FANS

MARK	SERVICE	LOCATION	MANUFACTURER	CM	ESP. S.P.	ROFF. TYP.	ELECTRICAL DATA	REMARKS
EF-1	EXHAUST	RESTROOMS	WARRANTS	RESTROOMS	RESTROOMS	RESTROOMS	RESTROOMS	RESTROOMS
EF-1	EXHAUST	RESTROOMS	WARRANTS	RESTROOMS	RESTROOMS	RESTROOMS	RESTROOMS	RESTROOMS
EF-2	EXHAUST	RESTROOMS	WARRANTS	RESTROOMS	RESTROOMS	RESTROOMS	RESTROOMS	RESTROOMS

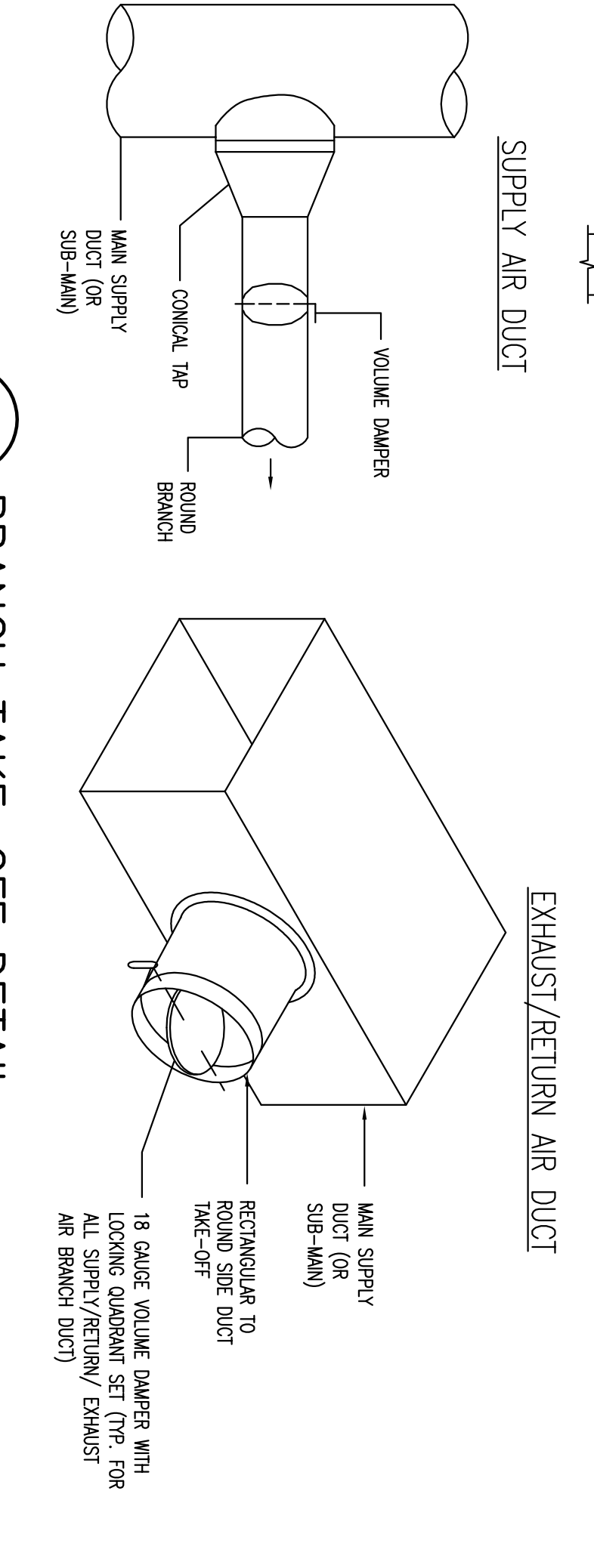
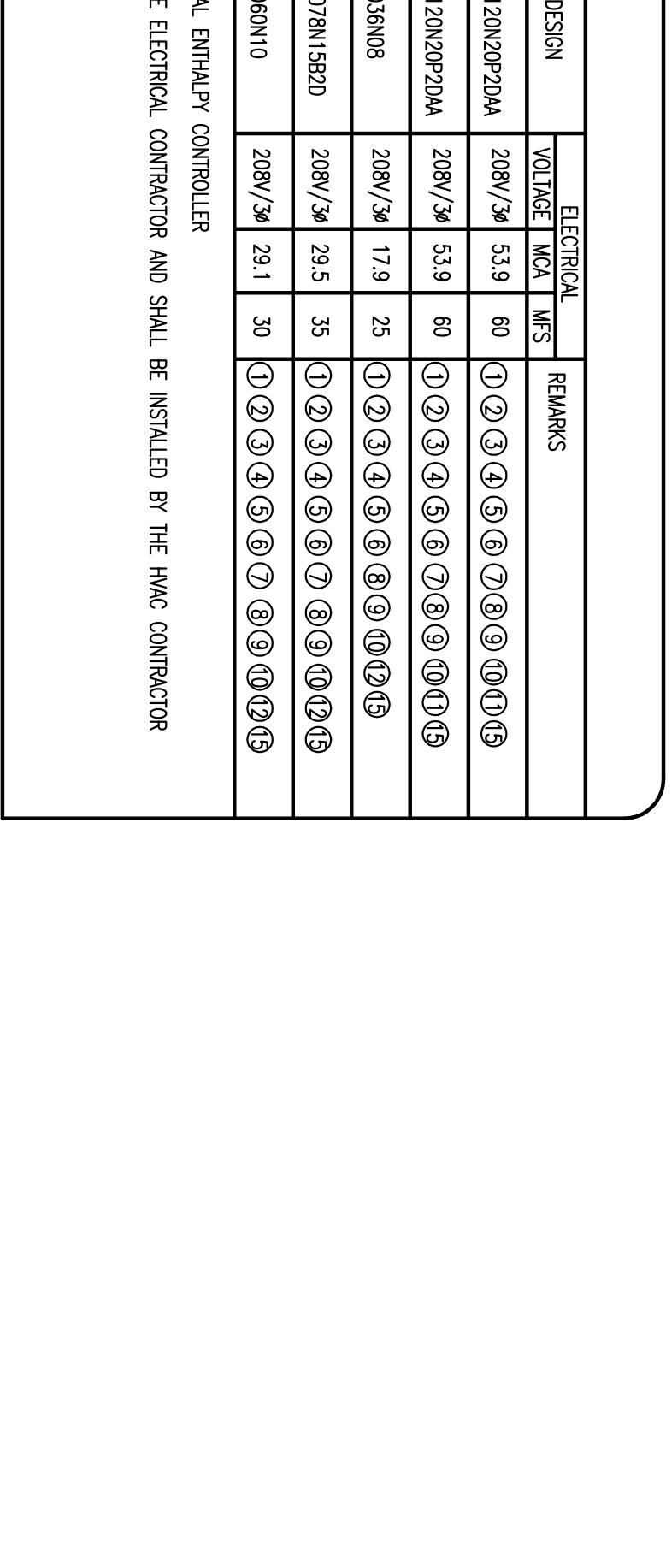
MINIMUM OUTSIDE AIR REQUIREMENTS

AREA	SQUARE FT. +/-	MINIMUM CFM REQUIRED	APPLICABLE UNIT
RETAIL AREA	9100	2720 CFM	RU-1, 2, & 5
PHARMACY	900	270 CFM	RU-3
OFFICE AREA	740	105 CFM	RU-4
MEZZANINE	2000	100 CFM	RU-4
		3105 CFM	
		3300 CFM	



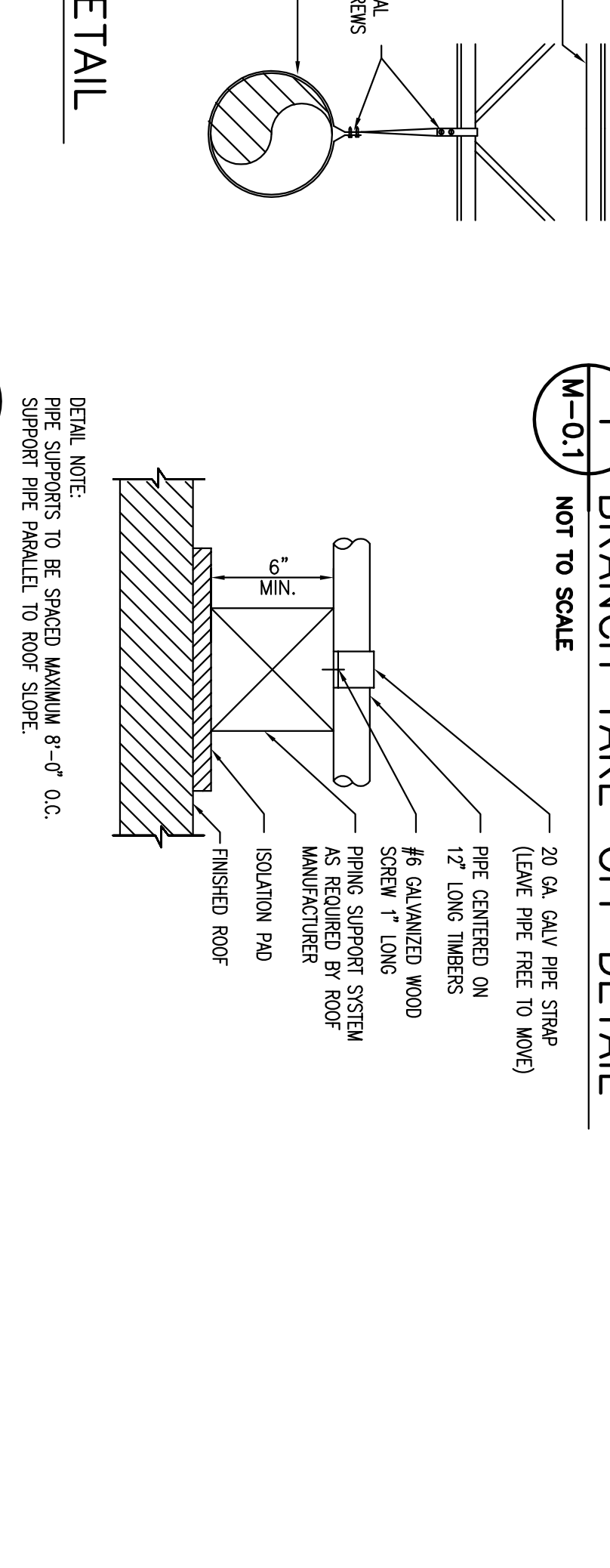
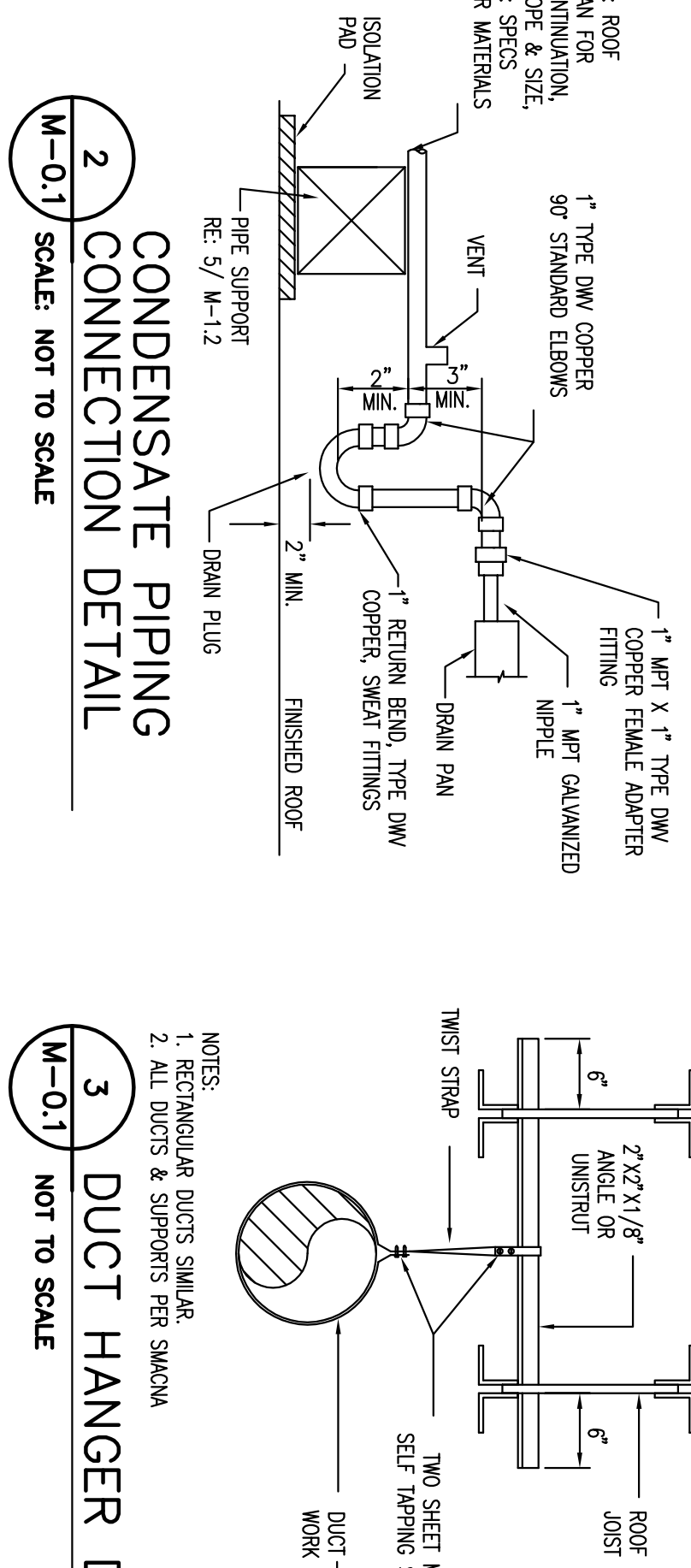
PACKAGED ROOFTOP UNIT (GAS)

MARK	SERVICE	CM	ESP. S.P.	ROFF. TYP.	ELECTRICAL DATA	REMARKS
RU-1	RETAIL AREA FRONT CO.	4060	1200	0.6	122	93.0
RU-2	RETAIL AREA REAR ROOM	3760	1200	0.6	122	93.0
RU-3	PHARMACY	1200	300	0.91	1.5	43.0
RU-4	UPPER FLOOR & RECEIVING	2740	425	0.6	1.5	90
RU-5	ENTRANCE AREA	2000	300	0.6	1.5	90



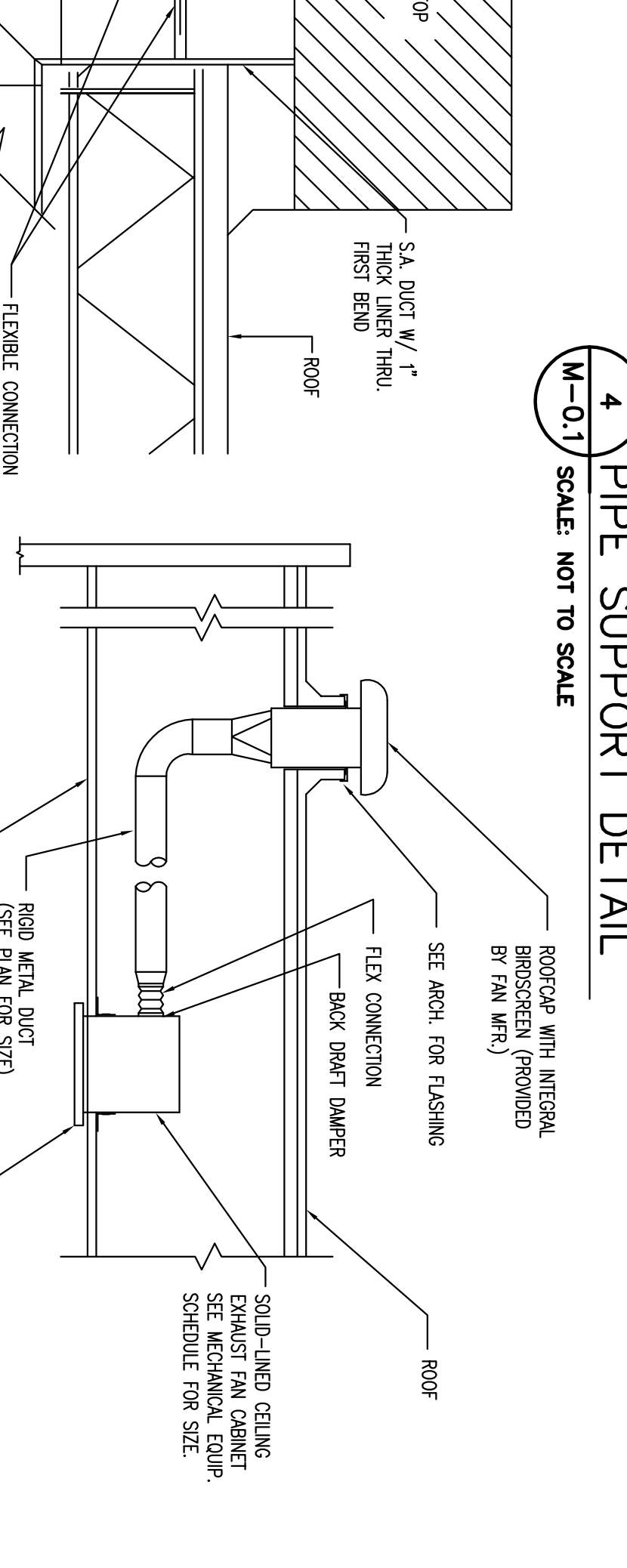
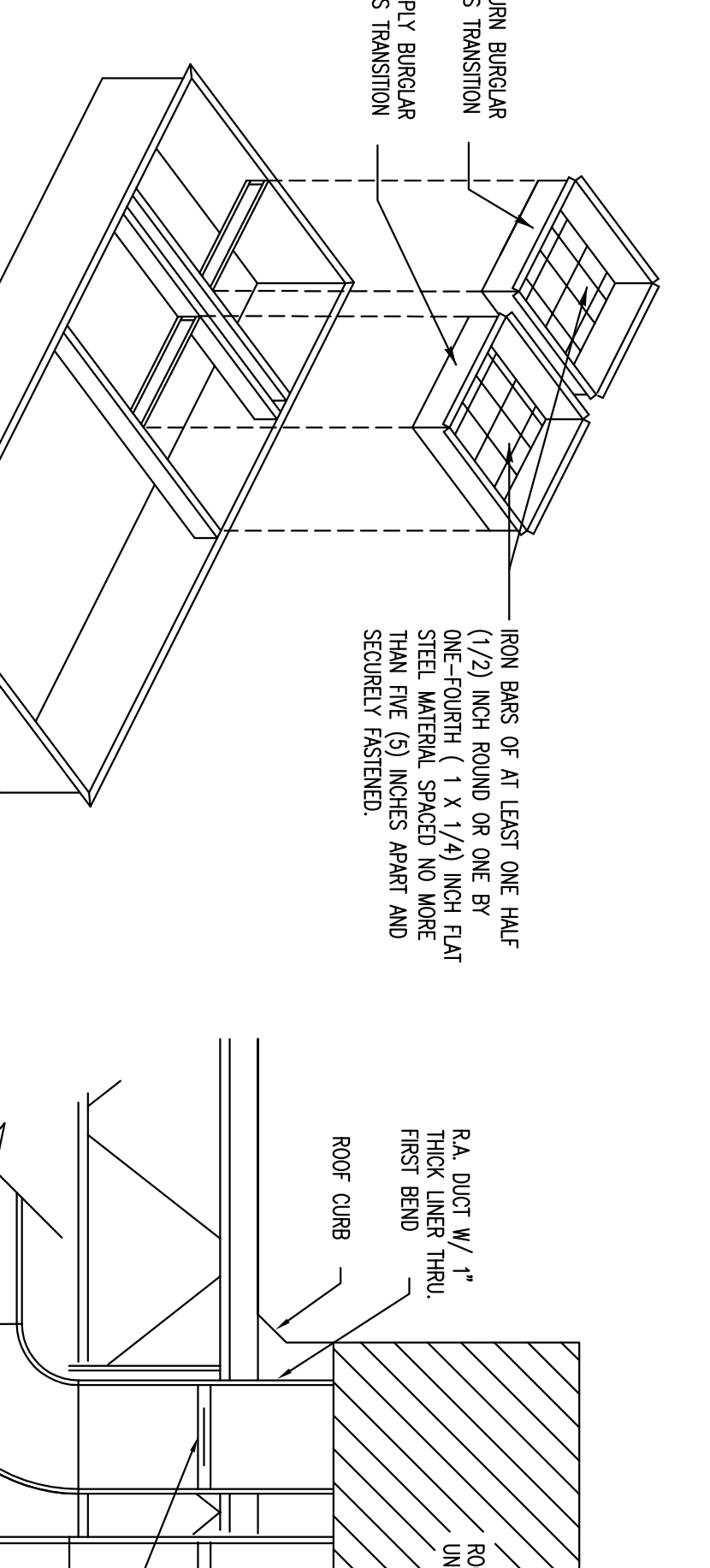
DIFFUSER SCHEDULE

TAG	SERVICE	CFM	NECK SIZE	FRAME TYPE	PATTERN	DAMPER	MATERIAL	FINISH	MANUFACTURER & MODEL NO.
(A)	SUPPLY	AS NOTED	NOTE 1.4	4-WAY	YES	OFF-WHITE	STEEL	OFF-WHITE	METALFAB 5500 SERIES
(B)	SUPPLY	AS NOTED	NOTE 2.5	4-WAY	YES	OFF-WHITE	STEEL	OFF-WHITE	METALFAB 5500 SERIES
(C)	SUPPLY	AS NOTED	NOTE 2.4	3-WAY	YES	OFF-WHITE	STEEL	OFF-WHITE	METALFAB 5500 SERIES
(D)	RETURN	AS NOTED	NOTE 2.4	MA	NO	OFF-WHITE	STEEL	OFF-WHITE	METALFAB CCI
(E)	SUPPLY	AS NOTED	NOTE 1.4	3-WAY	YES	OFF-WHITE	STEEL	OFF-WHITE	METALFAB 5500 SERIES
(F)	SUPPLY	AS NOTED	NOTE 1	---	YES	OFF-WHITE	STEEL	OFF-WHITE	METALFAB 6000 SERIES
(G)	RETURN	AS NOTED	NOTE 1.4	MA	NO	OFF-WHITE	STEEL	OFF-WHITE	METALFAB CCI
(H)	SUPPLY	AS NOTED	NOTE 3	2-WAY	YES	OFF-WHITE	STEEL	OFF-WHITE	METALFAB W4004
(I)	RETURN	AS NOTED	NOTE 4	MA	NO	OFF-WHITE	STEEL	OFF-WHITE	METALFAB CCI
(J)	RETURN	AS NOTED	NOTE 1.6	MA	NO	OFF-WHITE	STEEL	OFF-WHITE	METALFAB CCI
(K)	RETURN	AS NOTED	NOTE 3	4-WAY	YES	OFF-WHITE	STEEL	OFF-WHITE	METALFAB RH-1



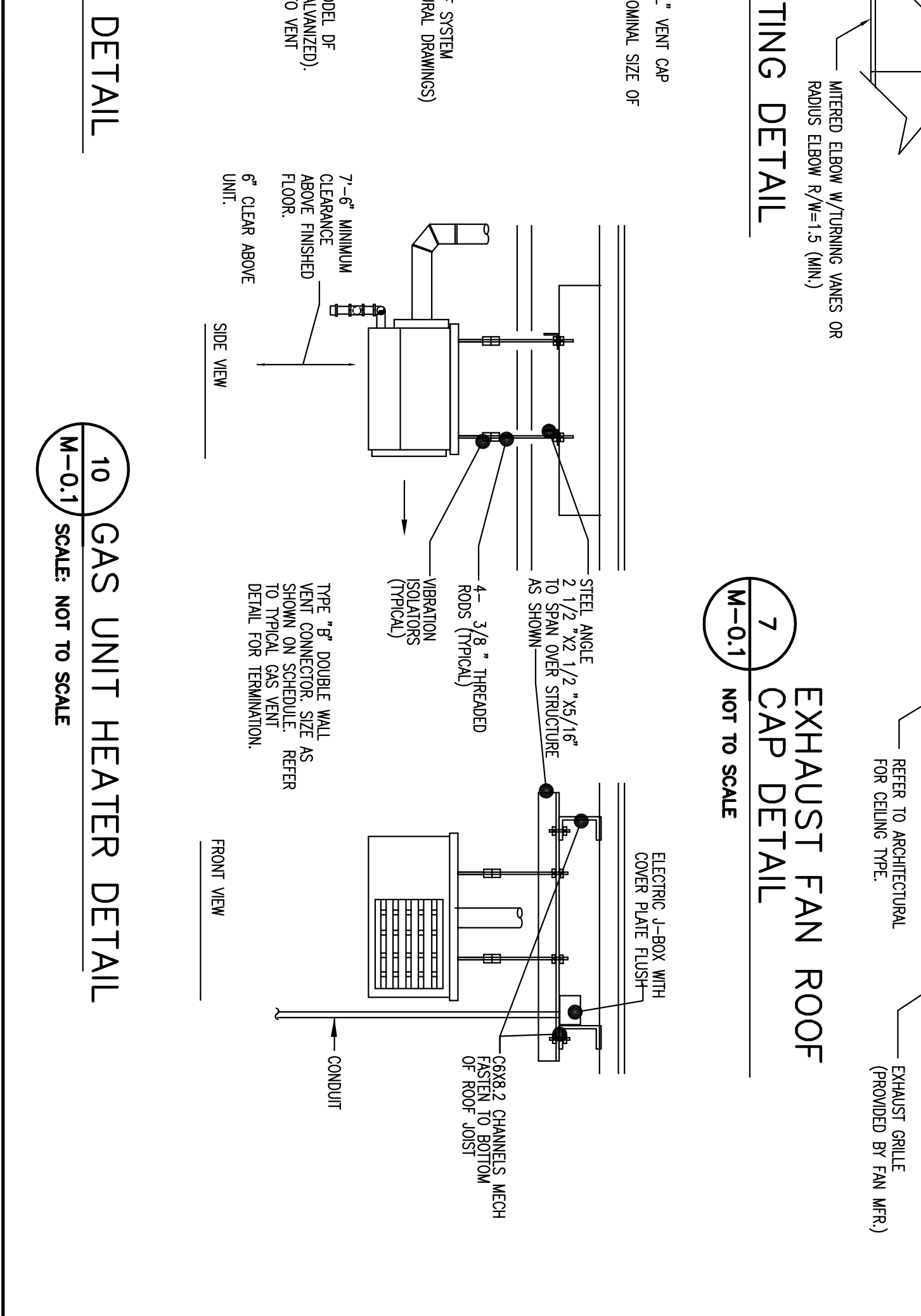
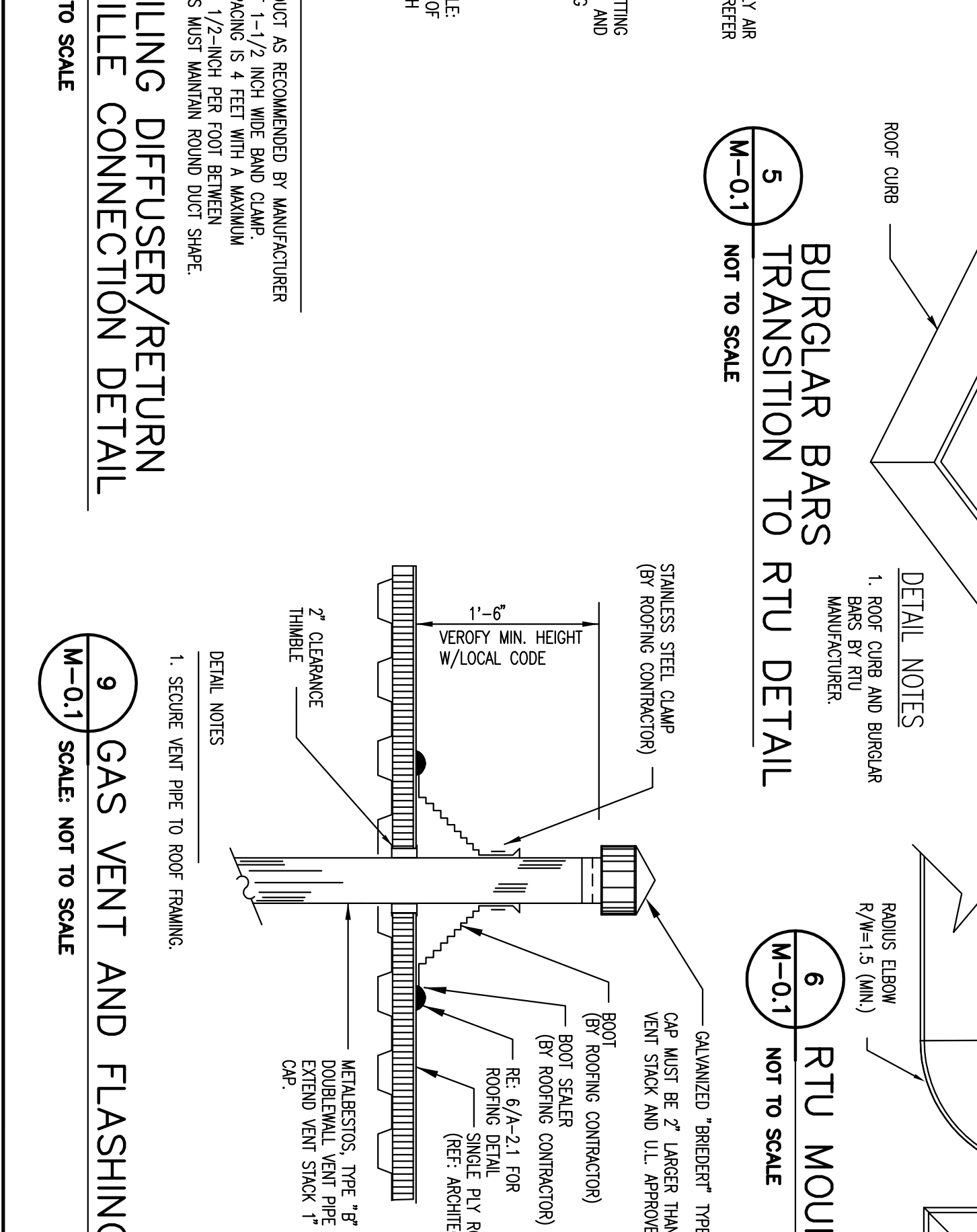
UNIT HEATER SCHEDULE

MARK	MODEL NUMBER	VENT IN/OUT	EFF.	FLUE SIZE	GAS PIPING SIZE	FAN DIA.	FAN HP	ELEC.	WEIGHT	REMARKS
UH-1	UDP-75	75/60	80%	4\"/>						



MINI SPLIT SYSTEM SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	OPERATING VOLTAGE	MCAPACIT	PROVIDE CONDENSATE DRAIN PUMP	SEE PLUMBING SHEETS.
AHU-1	SAVO	K53971	115/1 PHASE	20/20	PROVIDE CONDENSATE DRAIN PUMP	SEE PLUMBING SHEETS.
CU-2	SAVO	C03971	115/1 PHASE	---	INSTALL PER MANUFACTURER INSTRUCTIONS, PROVIDE LOW AMBIENT KIT	---



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COMMENTS:
ISSUED FOR CONSTRUCTION

REVISIONS:

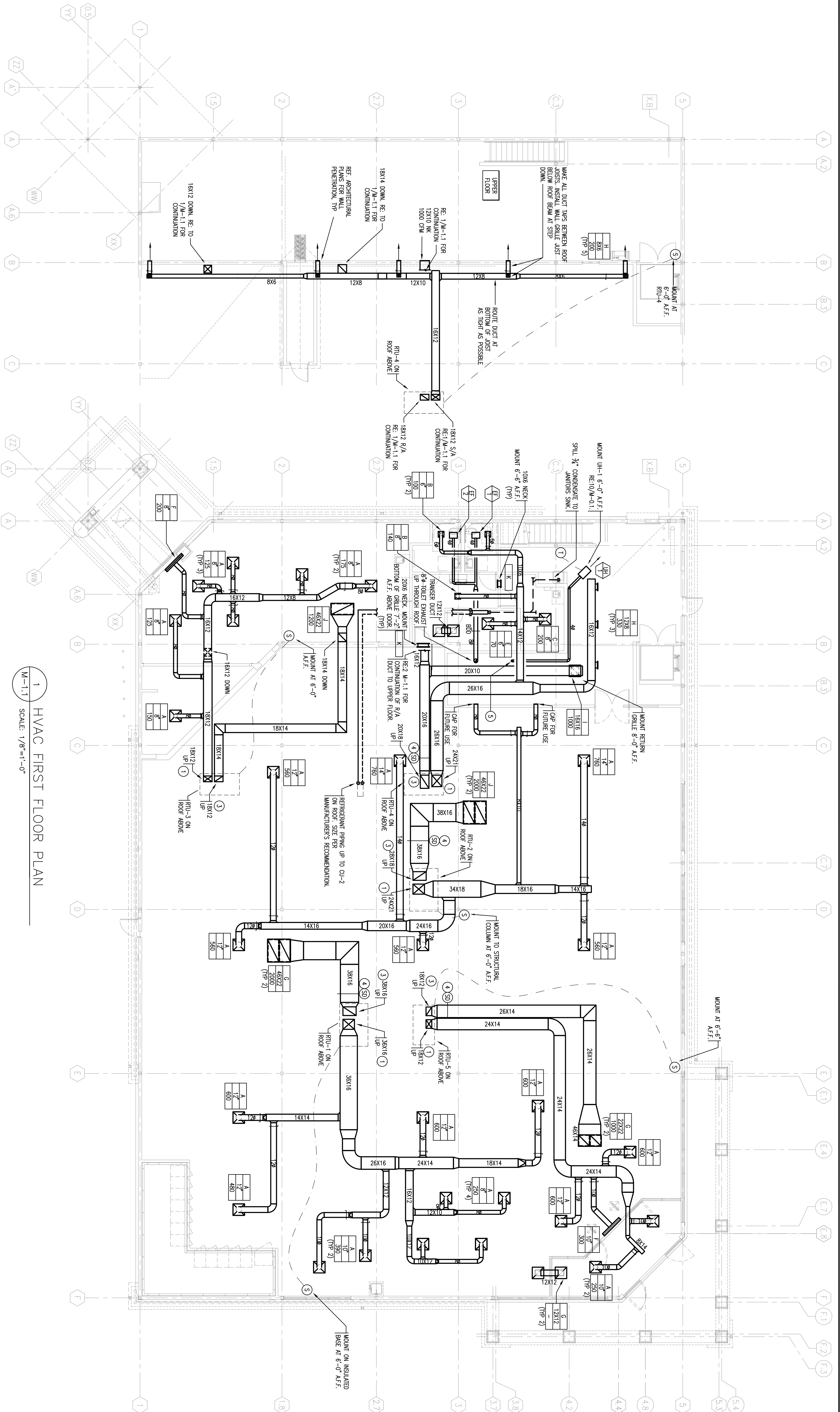
DRAWING BY: JHP

DATE: 8/31/09

JOB NUMBER: 209017

TITLE: MECHANICAL SCHEDULES & DETAILS

SHEET NUMBER: M-0.1



2 HVAC MEZZANINE PLAN
SCALE: 1/8"=1'-0"

1 HVAC FIRST FLOOR PLAN
SCALE: 1/8"=1'-0"

LEGEND

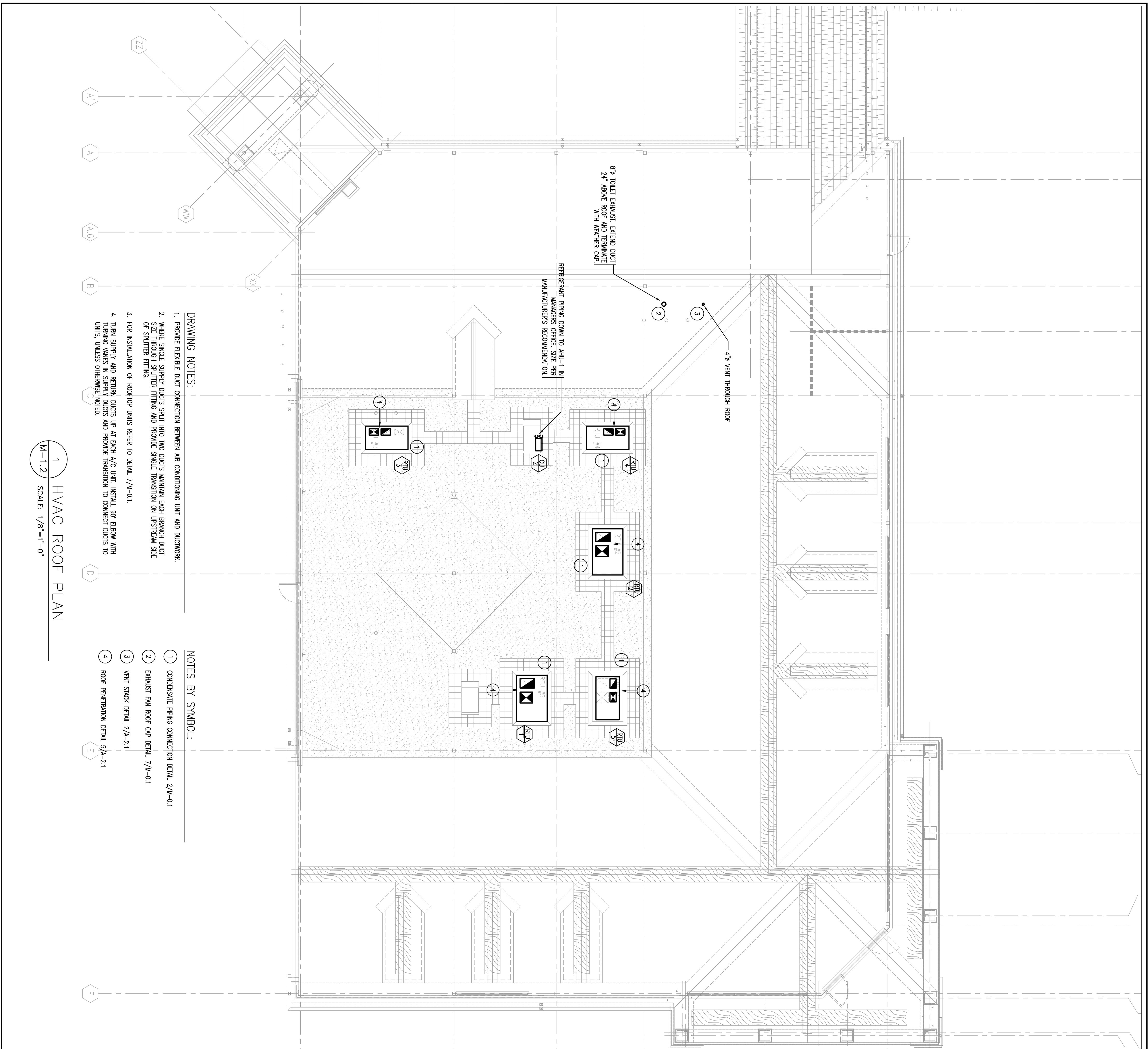
③	TEMPERATURE SENSOR	CM	CHIBG FEET	WK	ROOF FINISHED
①	THERMOSTAT CONTROL	DN	PER MINUTE	AF	FLOOR
②	SMOKE DETECTOR	CD	CONDENSATE DRAIN	ECH	EXHAUST
		SA	SUPPLY AIR	RDQ	REQUIRED
		RA	RETURN AIR	DWPR	DAMPER
		FD	FIRE DAMPER		

⊗	CEILING SUPPLY DIFFUSER	□	RETURN OR EXHAUST DUCT IN SECTION
⊘	CEILING RETURN GRILLE	⊘	MIRRED ELBOW
⊙	ZONING DAMPER	⊙	RADIUS ELBOW
⊚	AIR DEVICE TYPE	⊚	SPLITTER
⊛	NOTES BY SYMBOL	⊛	VOLUME CONTROL DAMPER
		⊜	PRE DAMPER (PD)

- NOTES BY SYMBOL**
1. SUPPLY AIR DUCT TRANSITION DOWN FROM UNIT AS REQUIRED IN THE VERTICAL TO RECTANGULAR ELBOW SHALL BE WITH TWO TURNING RADIUS. REFER TO MANUFACTURER'S LITERATURE FOR TURNING RADIUS REQUIREMENTS. EXAMPLE 'C' AND SMOKE DETECTOR CONSTRUCTION STANDARDS P.2.3, FIG. 2-2, THE RE. 3 RADIUS ELBOW WITH VANE.
 2. SUPPLY AIR DUCT DANGER FLOW BRANCH, REF. SMACNA HVAC DUCT CONSTRUCTION STANDARDS P.2.3, FIG. 2-5, THE 4".
 3. RETURN AIR DUCT TRANSITION IN THE VERTICAL TO RECTANGULAR ELBOW SHALL BE WITH TWO TURNING RADIUS. REFER TO MANUFACTURER'S LITERATURE FOR TURNING RADIUS REQUIREMENTS. EXAMPLE 'C' AND SMOKE DETECTOR CONSTRUCTION STANDARDS P.2.3, FIG. 2-2, THE RE. 3 RADIUS ELBOW WITH VANE.
 4. DUCT DETECTORS SHALL BE ACCESSIBLE FOR CLEANING AND MOUNTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. DETECTOR SHALL BE MOUNTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. DETECTOR SHALL BE MOUNTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. DETECTOR SHALL BE MOUNTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. DETECTOR SHALL BE MOUNTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
 5. 4" EKH, FLEX THRU ROOF CONRA ROUTING AND SPONGE NYLON/WRAP COORDINATE LOCATION WITH ARCH. RE. 10/M-01.

- GENERAL NOTES**
1. GENERAL NOTES ARE APPLICABLE TO ALL HVAC DRAWINGS.
 2. PERFORM WORK IN ACCORDANCE WITH THE LATEST EDITIONS, REVISIONS, AMENDMENTS, OR SUPPLEMENTARY OF APPLICABLE STATUTES, ORDINANCES, CODES AND REGULATIONS. REFER TO THE LATEST EDITIONS, REVISIONS, AMENDMENTS, OR SUPPLEMENTARY OF APPLICABLE STATUTES, ORDINANCES, CODES AND REGULATIONS.
 3. WHERE APPROVED STANDARDS HAVE BEEN ESTABLISHED BY OSHA, UNDERWRITERS LABORATORIES, AMERICAN CODES, ASA, ASHRAE, ARI, INC, STATE FIRE INSURANCE REGULATION BODY, NFPA, OR OTHERS, THESE STANDARDS SHALL BE FOLLOWED WHETHER OR NOT INDICATED ON THE DRAWING AND SPECIFICATIONS.
 4. ALL DUCT TO BE OF 'F' PRESSURE CLASS, UNLESS NOTED OTHERWISE.
 5. REFER TO STRUCTURAL DRAWINGS FOR EXACT LOCATION OF ROOF-TOP EQUIPMENT.
 6. PROVIDE TURNING VANES IN SUPPLY DUCT ELBOWS, PROVIDE TURNING VANES IN RETURN AND EXHAUST ELBOWS ONLY WHERE INDICATED ON PLANS.
 7. PROVIDE TURNING VANES IN SPLIT FREE AREA.
 8. DUCT HANGER DETAIL 9/M-01 IS APPLICABLE THROUGHOUT THE STORE, UNLESS NOTED OTHERWISE. DUCTWORK SHALL NOT BE SUPPORTED FROM BRACING. DO NOT USE FASTENERS THAT PENETRATE ROOF DECK.
 9. REFER TO DETAIL 9/M-01 FOR DRIPTRAY/RETURN GRILLE INSTALLATION.
 10. ALL EXPOSED DUCT IN OR ON ROOF SHALL HAVE INTERLOCKED INSULATION.
 11. REFER TO 9/M-01 FOR ALL BRANCH TAKE-OFF CONNECTIONS.
 12. REFER TO 9/M-01 FOR ALL BRANCH TAKE-OFF CONNECTIONS.
 13. REFER TO 9/M-01 FOR ALL BRANCH TAKE-OFF CONNECTIONS.
 14. ALL PIPING, DUCTS, VENTS, EXTENDING THROUGH WALLS & ROOF SHALL BE FLASHED, COUNTER FLASHED IN A WATERPROOF MANNER. RE: 9/M-01

<p>CVS/ pharmacy</p> <p>NEW</p> <p>STORE NUMBER: 329</p> <p>NORTHGATE PLAZA 91 AUBURN STREET PORTLAND, MAINE</p>		<p>DEVELOPER:</p> <p>A & D REALTY, LLC 5 MULTIA DRIVE LEXINGTON, MA 02421</p>		<p>REVISIONS:</p>		<p>DRAWING BY: JHP</p> <p>DATE: 8/31/09</p> <p>JOB NUMBER: 209017</p> <p>TITLE: HVAC FIRST & MEZZANINE FLOOR PLAN</p> <p>SHEET NUMBER: M-1.1</p> <p>COMMENTS: ISSUED FOR CONSTRUCTION</p>		<p>CONSULTANT:</p> <p>R.W. Sullivan Engineering 2000 The Station House, 2000 St. James St. Portland, ME 04103 Tel: 603.876.8800</p>		<p>CONSULTANT:</p> <p>BKA Architects, Inc. Architecture + Interiors</p> <p>142 Crescent Street Brockton, MA 02302</p> <p>Tel: 508.689.6603 Fax: 508.684.2914 E-mail: bka@bkaarch.com</p>	
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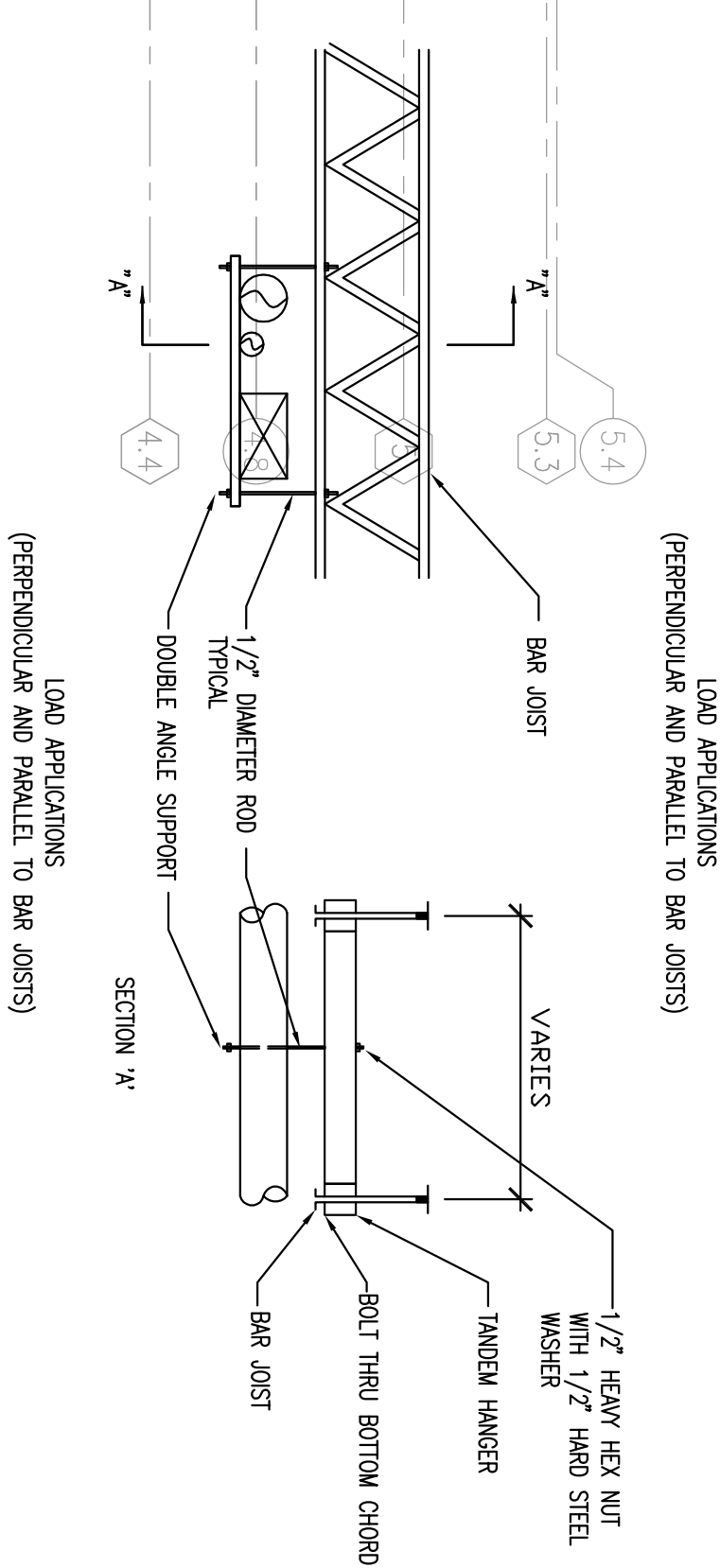
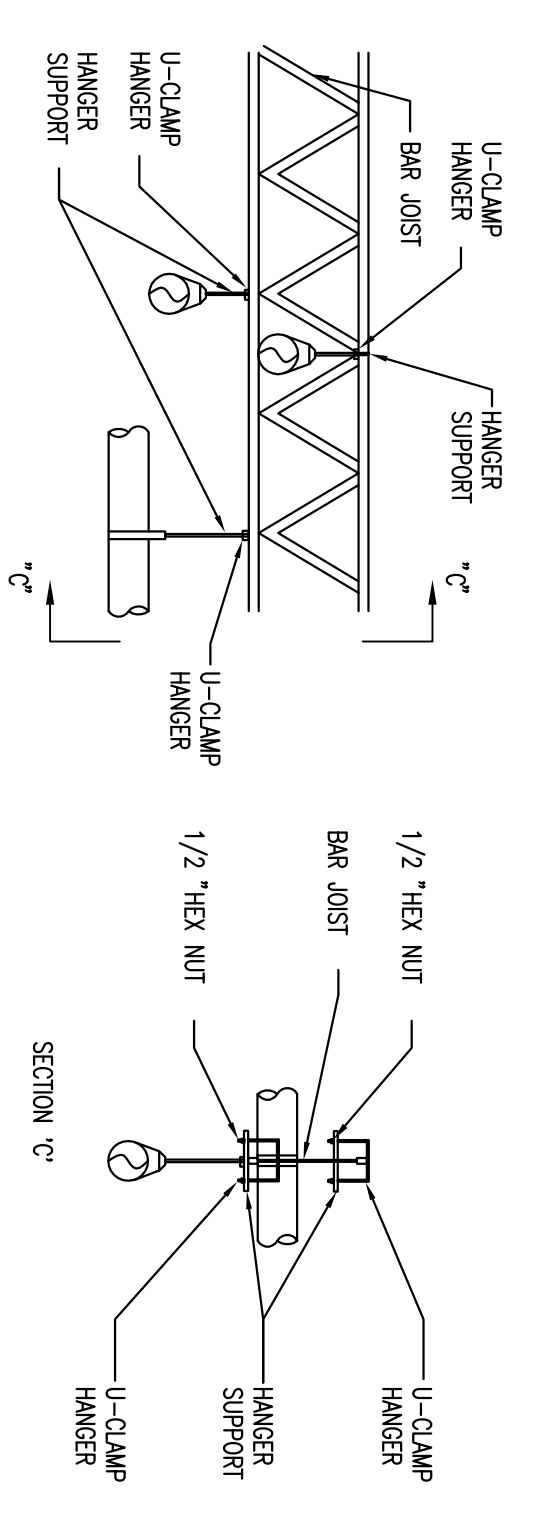
DRAWING NOTES:

1. PROVIDE FLEXIBLE DUCT CONNECTION BETWEEN AIR CONDITIONING UNIT AND DUCTWORK.
2. WHERE SINGLE SUPPLY DUCTS SPLIT INTO TWO DUCTS MAINTAIN EACH BRANCH DUCT WITH EQUAL LENGTHS OF DUCT AND PROVIDE SINGLE TRANSITION ON UPSHOWN SIDE OF SPLITTER FITTING.
3. FOR INSTALLATION OF ROOFTOP UNITS REFER TO DETAIL 7/M-0.1.
4. TURN SUPPLY AND RETURN DUCTS UP AT EACH A/C UNIT. INSTALL 90° ELBOW WITH TURNING VANES IN SUPPLY DUCTS AND PROVIDE TRANSITION TO CONNECT DUCTS TO UNITS, UNLESS OTHERWISE NOTED.

NOTES BY SYMBOL:

- ① CONDENSATE PIPING CONNECTION DETAIL 2/M-0.1
- ② EXHAUST FAN ROOF CAP DETAIL 7/M-0.1
- ③ VENT STACK DETAIL 2/A-2.1
- ④ ROOF PENETRATION DETAIL 5/A-2.1

1 HVAC ROOF PLAN
SCALE: 1/8"=1'-0"



1 HANGER DETAILS
SCALE: NOT TO SCALE

HANGER DETAIL NOTES:

- THE FOLLOWING GUIDELINES SHALL BE FOLLOWED WHEN ATTACHING TEARS TO BAR JOISTS:
1. DO NOT HANG ANY TYPE OF CRANE OR HOIST FROM BAR JOISTS.
 2. OBTAIN CONCENTRATED LOADS FROM CERTIFIED EQUIPMENT DRAWINGS AND MANUFACTURERS DATA.
 3. DO NOT HANG ANY LOAD OVER 50 POUNDS FROM JOIST BRACES.
 4. DO NOT HANG ANY LOADS OVER 50 POUNDS FROM THE TOP OR BOTTOM CHORD OF THE BAR JOIST BETWEEN JOISTS. ALWAYS HANG OVER A DIAGONAL-TO-CHORD JOINT.
 5. DO NOT DRILL OR WELD ANY PART OF THE BAR JOIST.
 6. DO NOT HANG ANY LOAD OVER 50 POUNDS FROM ONE SIDE OF THE BAR JOIST CHORD. THIS ECCENTRICITY CAN SERIOUSLY IMPAIR THE MEMBER'S STRUCTURAL PERFORMANCE.
 7. DO NOT HANG LOAD GREATER THAN 1000 POUNDS FROM ONLY ONE JOIST BECAUSE OF HANGER DEFLECTION, HANG BETWEEN TWO JOISTS TO DISTRIBUTE THE LOAD AND ONE A SPRINGER, MORE STABLE HANGING SYSTEM.
 8. DO NOT HANG ANY LOAD OVER 10 POUNDS/LINEAR FOOT CONCENTRICALLY ALONG ONE BAR JOIST UNLESS THAT JOIST IS CAPABLE OF CARRYING THE APPLIED LOAD IN ADDITION TO THE REQUIRED BUILDING LIVE LOAD.
 9. CORRODATE HANGER LOADS WITH THE GENERAL CONTRACTOR CONSTRUCTION MANAGEMENT.
 10. LOCATION OF HANGER LOADS SHALL BE APPROVED BY GENERAL CONTRACTOR.

<p>REVISIONS:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>													<p>DEVELOPER:</p> <p>A & D REALTY, LLC 5 MULTIA DRIVE LEXINGTON, MA 02421</p>	<p>NEW STORE NUMBER: 329</p> <p>NORTHGATE PLAZA 91 AUBURN STREET PORTLAND, MAINE</p>	<p>SEAL:</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>R. W. Sullivan Engineering Company Professional Seal No. 115259 The State of Massachusetts Exp. 12/31/2010 RWS 100 STATE STREET SUITE 200 BOSTON, MA 02109 TEL: 617.552.8800</p> </div>
<p>COMMENTS:</p> <p>ISSUED FOR CONSTRUCTION</p>	<p>SHEET NUMBER:</p> <p style="font-size: 2em; font-weight: bold;">M-1.2</p>	<p>TITLE:</p> <p>HVAC ROOF PLAN</p>	<p>DATE: 8/31/09</p> <p>JOB NUMBER: 209017</p> <p>DRAWING BY: JHP</p>												

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CVS/
pharmacy

NEW

PLUMBING NOTES

- REFER TO THE ARCHITECTURAL DETAILED DRAWINGS FOR EXACT LOCATIONS OF ALL FIXTURES AND EQUIPMENT
- CONTRACTOR SHALL INSTALL TRAP PRIMER VALVES TO ACCOMMODATE THE FLOOR DRAIN LOCATED WITHIN BUILDING. CONTRACTOR SHALL COORDINATE WITH FLOOR PLANS EXACT LOCATION OF THE TRAP PRIMER VALVE.
- PRIOR TO START OF INSTALLATION OF BELOW SLAB PIPING, PLUMBING SUBCONTRACTOR SHALL COORDINATE LOCATIONS OF PIPING WITH STRUCTURAL FOOTINGS, GRADE BEAMS, ETC. WITH STRUCTURAL ENGINEER.
- PRIOR TO INSTALLATION OF UNDERSLAB PIPING AT GROUND FLOOR, PLUMBING SUBCONTRACTOR SHALL COORDINATE ALL EXISTING INVERT ELEVATIONS WITH SITE CONTRACTOR.
- PRIOR TO INSTALLATION OF ANY SURFACE MOUNTED OR RECESSED PLUMBING COMPONENTS (I.E. WALL HYDRANTS, PIPING PENETRATIONS, ETC.) ON EXTERIOR OF BUILDING, PLUMBING SUBCONTRACTOR SHALL COORDINATE THEIR EXACT LOCATION WITH ARCHITECT AND GENERAL CONTRACTOR.
- ALL PLUMBING WORK SHALL BE COORDINATED WITH ALL OTHER TRADES BEFORE PROCEEDING WITH INSTALLATION.
- NO CHANGES ARE TO BE MADE IN PLUMBING LAYOUT WITHOUT WRITTEN PERMISSION BY THE ARCHITECT.
- NO PIPING SHALL RUN EXPOSED IN SALES OR FINISHED AREAS.
- PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR PAYING RELATED FEES.
- INSTALL BALL VALVES ON ALL BRANCH SUPPLY LINES.
- PROVIDE ACCESS PANELS ON ALL INACCESSIBLE VALVES AND CLEANOUTS. ACCESS PANELS SHALL BE PROVIDED BY GENERAL CONTRACTOR. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR LOCATION. MOUNT SHUT-OFF VALVES NO HIGHER THAN 12'-0" AFF.
- ALL WORK SHALL BE PROPERLY TESTED, BALANCED AND CLEANED. PROVIDE A ONE YEAR WARRANTY FROM DATE OF FINAL INSPECTION ON ALL PARTS AND LABOR.
- ALL FIXTURES TO BE SUPPLIED & INSTALLED BY PLUMBING CONTRACTOR, EXCEPT THE PHARMACY SINK AND/OR PHOTO-LAB SINK: CVS SUPPLIES & PLUMBING CONTRACTOR INSTALLS.
- SANITARY SEWER PIPING SHOWN IS BASED ON 0.125" PER FOOT FALL FOR ALL PIPING. COORDINATE BUILDING SEWER LOCATION AND INVERT ELEVATION WITH CIVIL DRAWINGS.

PLUMBING FIXTURE SCHEDULE

ITEM	MANUFACTURER	REMARKS AND SPECIFICATIONS
P-1	TOTO	WATER CLOSET: #G1705EL: 18" HIGH ELONGATED RIM VITREOUS CHINA TOILET, COMPLETE WITH ZURN Z6200PEV FLUSH VALVE, BOWL: 1.28 GPF/4.8 LPF, COMMERCIAL STANDARD PLASTIC OPEN FRONT TOILET SEAT: TOT - SC534
P-2	ZURN	LAVATORY: Z5354: VITREOUS CHINA WALL-HUNG LAVATORY, PROVIDED WITH WALL HANGER, FAUCET HOLES ON 4" CENTERS, BACK OVERFLOW; FAUCET: DELTA #520 WATER-EFFICIENT FAUCET WITH RP330 POLISHED CHROME AERATOR; LESS POP-UP DRAIN AND LIFT HOLE IN POLISHED CHROME. 1-1/4" TAILPIECE. PROVIDE 3/8" WALL SUPPLIES WITH STOP AND 1-1/4" OFFSET DRAIN, CAST BRASS GRID STRAINER. (FURNISH AND INSTALL "LAVGUARD" #102 TRAP WRAP BY TRUEBRO FOR PF-2H) TRUEBRO TEL: (800) 340-5969
P-3	HALSEY TAYLOR	ELECTRIC WATER COOLER: #HAC8FSBL-Q WALL-HUNG, BARRIER-FREE WITH FRONT PUSH BARS, CANE TOUCH APRON, TWO STREAM MOUNT BUILDING PROJECTOR AND AUTOMATIC STREAM REGULATION, MOUNT HANDICAP (REFRIGERATED) UNIT ON RIGHT WALL BRACKET, 36" RECOMMENDED HEIGHT FROM FLOOR TO CENTER OF BUBBLER (CHECK LOCAL CODES). PROVIDE 3/8" ANGLE SUPPLY WITH STOP AND 1-1/4" CAST BRASS "P" TRAP. HALSEY TAYLOR TEL: (630) 574-3500
P-4	SINK & FAUCET FURNISHED BY MILLWORK SUPPLIER, INSTALLED BY PLUMBER	PHARMACY SINK & FAUCETS: 16"x18"x10" STAINLESS STEEL SINK; FAUCET: 1-1/2" CAST BRASS "P" TRAP; PROVIDE 3/8" ANGLE SUPPLIES WITH STOP. PLUMBER SHALL PROVIDE ALL NECESSARY APPURTENANCES TO HAVE A FULLY OPERATIONAL SYSTEM.
P-5	MUSTEE 14 UTILATUB	CATALOG #14, UTILITY LAUNDRY TUB W/ TRAY#14; 20 GAL. CAPACITY, 25"Lx23"W, ONE PIECE MOLDED CONSTRUCTION, SUPPORT WITH LEGS AT 30" AFF. TO LIP OF SINK, FAUCET: #93600 FAUCET; POLISHED CHROME FINISH, BRASS WATERWAYS, 4" CENTER, 6" HIGH RISE TUBULAR SWING SPOUT WITH AERATOR, LEVER HANDLES. 2" CAST BRASS "P" TRAP; PROVIDE 3/8" ANGLE SUPPLIES WITH STOP. MUSTEE TEL: (216) 267-3100
P-6	ELKAY DAYTON	BREAKROOM SINK: MODEL # DP2-11515-C, STAINLESS STEEL SINK, 15"x15", 5-1/8" DEEP, 14-3/8"x14-3/8" CUTOUT WITH 1-1/2" RAD. CORNERS, 1-1/4" DIA. FAUCET HOLES. FAUCET: ELKAY-#LKA-2475-BBH-GOOSE NECK BAR FAUCET WITH LEVER HANDLES AND AERATOR, OVERALL HEIGHT 8". (FURNISH AND INSTALL "BROCAR" #C500R-B TRAP WRAP FOR PFB) BROCAR TEL: (800) 827-1207.
P-7	SINK & FAUCET FURNISHED BY MILLWORK SUPPLIER, INSTALLED BY PLUMBER	PHOTO-LAB SINK: FIAT MODEL DL-1, DROP-IN SINK WITH ACCESSORY BRASS FAUCET #A1 AND ACCESSORY COVER #A6. PROVIDE POLYPROPYLENE TRAP AND TAIL PIECE. PLUMBER SHALL PROVIDE ALL NECESSARY APPURTENANCES TO HAVE A FULLY OPERATIONAL SYSTEM.
EW-1	EYEWASH FURNISHED BY MILLWORK SUPPLIER, INSTALLED BY PLUMBER	EYEWASH: GUARDIAN EQUIPMENT #G1805, DECK MOUNTED AUTO FLOW, SWIVEL, RIGHT HAND MOUNTING AT PHOTO HAND SINK (P-7). PROVIDE TEMPERING VALVE #G3600. ALL EYEWASH EQUIPMENT AND TEMPERING VALVE SHALL MEET LOCAL STATE PLUMBING CODE REQUIREMENTS.
RD	J. R. SMITH	ROOF DRAIN: #1010C, PIPE CONNECTIONS AND LARGE GENERAL PURPOSE ROOF DRAIN WITH 16" DIA. COATED CAST IRON BODY WITH COMBINED FLASHING CLAMP AND GRAVEL STOP WITH POLYETHYLENE LOW PROFILE DOME.
ORD	J. R. SMITH	OVERFLOW ROOF DRAIN: #1080C, PIPE CONNECTIONS AND LARGE GENERAL PURPOSE OVERFLOW ROOF DRAIN WITH 16" DIA. DUCO CAST IRON BODY WITH COMBINED FLASHING CLAMP AND GRAVEL STOP WITH POLYETHYLENE LOW PROFILE DOME AND 2" DAM. REFER TO PLUMBING CODE FOR INFORMATION ON INSTALLATION.
FD	J. R. SMITH	FLOOR DRAIN: #2005, DUCO CAST IRON BODY WITH FLASHING COLLAR, ADJUSTABLE STRAINER AND ROUND TOP.
WH	J. R. SMITH	WALL HYDRANT: #55090T, BRONZE NICKEL PLATED QUARTER-TURN NON-FREEZE HYDRANT WITH HOSE CONNECTION, INTEGRAL VACUUM BREAKER, "T" HANDLE KEY, AND STAINLESS STEEL BOX WITH FULL 180 DEGREE COVER OPENING.
PCO	J. R. SMITH	PLUG CLEANOUT: #4420CL, CAULK FERRULE CLEANOUT WITH TAPER THREAD PLUG
FCO	J. R. SMITH	FLOOR CLEANOUT: #4890" ROUND DECK PLUG WITH THREADED SPANNER WRENCH COVER SET AND ADJUSTED TO FINISH FLOOR LEVEL.
WCO	J. R. SMITH	WALL CLEANOUT: #4462 TAPER THREAD PLUG WITH ROUND COVER.
	"FILLMASTER"	WATER PURIFICATION SYSTEM: PROVIDE ALL NECESSARY PIPING, FITTINGS AND EQUIPMENT NEEDED TO ASSURE A FULLY OPERATIONAL SYSTEM.(SEE DETAIL 2 ON P-0.2)

WATER HEATER SCHEDULE

ITEM	MANUFACTURER	REMARKS AND SPECIFICATIONS
WH-1	A.O. SMITH	WATER HEATER: MODEL #EJCS-20, PROMAX, 18"DIA. x 25"H., 19 GALLON GLASS LINED TANK, ONE-2500 WATT, 120 VOLT, SINGLE PHASE ELEMENT. INSTALL 20 GAUGE GALV. SHEET METAL PAN BELOW.
WH-2	CHRONOMITE LABORATORIES, INC. (OR APPROVED EQUAL)	INSTANTANEOUS WATER HEATER: MODEL #SR-30L, TANKLESS ELECTRIC WATER HEATER, FLOW ACTIVATED, STAINLESS STEEL HEATING COILS, ONE-3600 WATT, 120 VOLT, SINGLE PHASE, 30 AMP 1/2" WATER CONNECTION, 6"Hx9"Wx2-1/2". 80-129 DEGREE F. TEMP. RANGE. WATER HEATER SHALL BE APPROVED TO PROVIDE TEPID WATER TO AN EMERGENCY EYEWASH AND MEET ANSI Z358.1 AND LOCAL STATE PLUMBING CODE REQUIREMENTS. (BRASS FITTINGS SHALL BE USED, PLASTIC IS NOT ACCEPTABLE)

FIXTURE & CONNECTION SCHEDULE

SYMBOL	FIXTURE NUMBER	FIXTURE	SOIL/WASTE	VENT	COLD WATER	HOT WATER	H/C MTG.	REMARKS
	P-1	WATER CLOSET	4"	2"	1-1/4"	-	Y	
	P-2	LAVATORY	2"	2"	1/2"	1/2"(110")	Y	
	P-3	EWC	2"	2"	1/2"	-	Y	
	P-4	PHARMACY SINK	2"	2"	1/2"	1/2"	N	
	P-5	JANITOR'S SINK	3"	2"	3/4"	3/4"	N	
	P-6	OFFICE/EMPLOYEE SINK	2"	2"	1/2"	1/2"	N	
	P-7	HAND SINK STAINLESS STEEL SINK WITH EMERGENCY EYEWASH (EW-1)	2"	2"	1/2"	1/2"	N	

PLUMBING LEGEND

SYMBOL	ABBR	DESCRIPTION
	S or W	SOIL or WASTE PIPING
	S or W	SOIL or WASTE PIPING (BURIED or BELOW SLAB)
	V	VENT PIPING
	V	VENT PIPING (BURIED or BELOW SLAB)
	ST	STORM PIPING
	ST	STORM PIPING (BURIED or BELOW SLAB)
	CW	DOMESTIC COLD WATER PIPING
	CW	DOMESTIC COLD WATER PIPING (BURIED or BELOW SLAB)
	HW	HOT WATER PIPING
	G	NATURAL GAS PIPING
	G	NATURAL GAS PIPING (BURIED or BELOW SLAB)
	TP	TRAP PRIMER PIPING
	TP	TRAP PRIMER PIPING
	IW	INDIRECT WASTE
	GV	GATE VALVE
	PRV	PRESSURE REDUCING VALVE
	GC	NATURAL GAS COCK
	RD	ROOF DRAIN
	FD	FLOOR DRAIN
	OED	OPEN END DRAIN
	WH	WALL HYDRANT
		NATURAL GAS METER (PROVIDED BY GAS COMPANY)
		DOMESTIC WATER METER
	W&T	WASTE & TRAP
	CO	LINE CLEANOUT
	WCO	WALL LINE CLEANOUT
	DCO	DANDY CLEANOUT
	FCO	FLUSH FLOOR CLEANOUT
		PIPE CAP
		PIPE CONTINUATION
		PIPE UP THRU SLAB OF FLOOR ABOVE
		PIPE DOWN THRU FLOOR SHOWN
		PIPE DROP
		PIPE RISE
		UNION CONNECTION
	VIV	VALVE IN VERTICAL
	W&V	WASTE & VENT PIPING
	VTR	VENT THRU ROOF
	WC	WATER CLOSET
	LAV	LAVATORY
	SK	SINK
	AP	ACCESS PANEL
	INV. EL	INVERT ELEVATION
	N.T.S.	NOT TO SCALE
	P.P.F.	PITCH PER FOOT
	V.I.F.	VERIFY IN FIELD
	F.F.E.	FINISHED FLOOR ELEVATION
	R.T.U.	ROOF TOP UNIT (FURNISHED BY HVAC SUBCONTRACTOR, NATURAL GAS SUPPLY BY PLUMBING SUBCONTRACTOR)
	G.U.H.	GAS UNIT HEATER (FURNISHED BY HVAC SUBCONTRACTOR, NATURAL GAS SUPPLY BY PLUMBING SUBCONTRACTOR)

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 RWS ACS # 80798J00

SEAL:

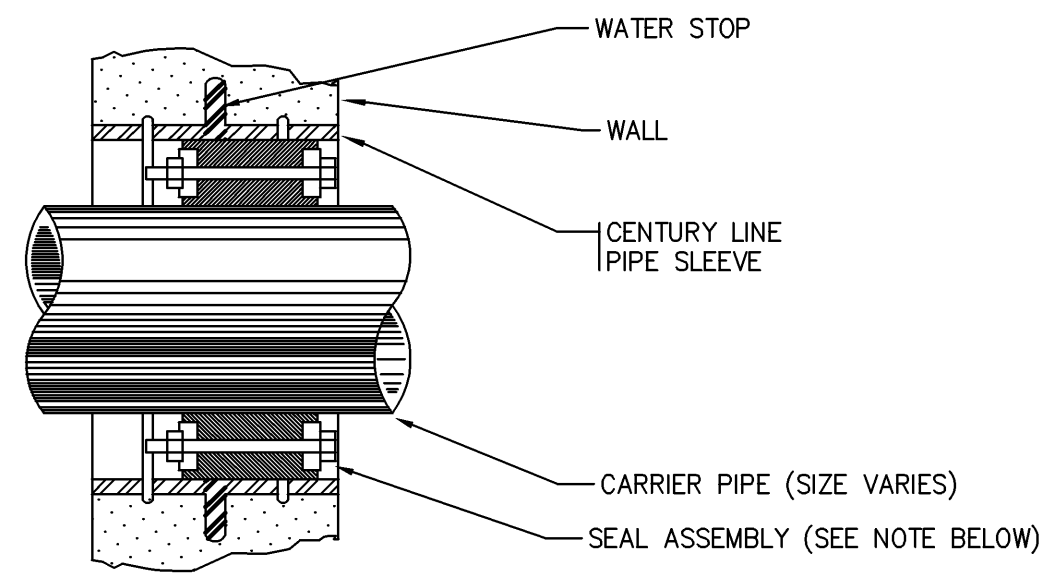
CVS/
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NEW
STORE NUMBER: 329
 NORTHGATE PLAZA
 91 AUBURN STREET
 PORTLAND, MAINE

DEVELOPER:
 A & D REALTY, LLC
 5 MILITIA DRIVE
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REVISIONS:

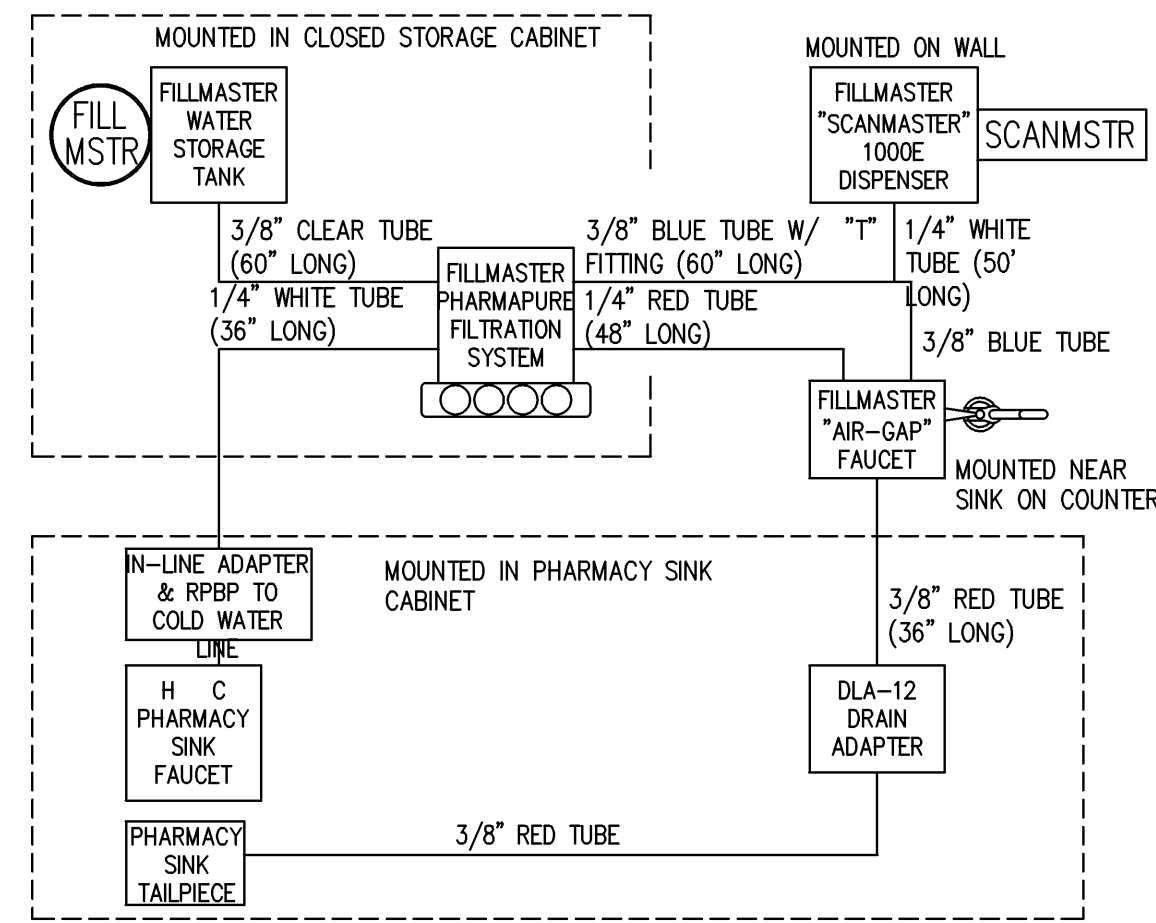
DRAWING BY: RMP
DATE: 8/31/09
JOB NUMBER: 209017
TITLE: PLUMBING LEGEND, NOTES, AND SCHEDULES
SHEET NUMBER: P-0.1
COMMENTS: ISSUED FOR CONSTRUCTION

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NOTES:
SEAL ASSEMBLY SHALL BE MODULAR MECHANICAL TYPE CONSISTING OF INTERLOCKING RUBBER LINKS SHAPED TO CONTINUOUSLY FILL IN THE ANNULAR SPACE BETWEEN PIPE & WALL OPENING. PRESSURE PLATES SHALL BE DELRIN PLASTIC. BOLTS & NUTS SHALL BE 18.8 STAINLESS STEEL. SEALING ELEMENTS SHALL BE EPDM RUBBER.

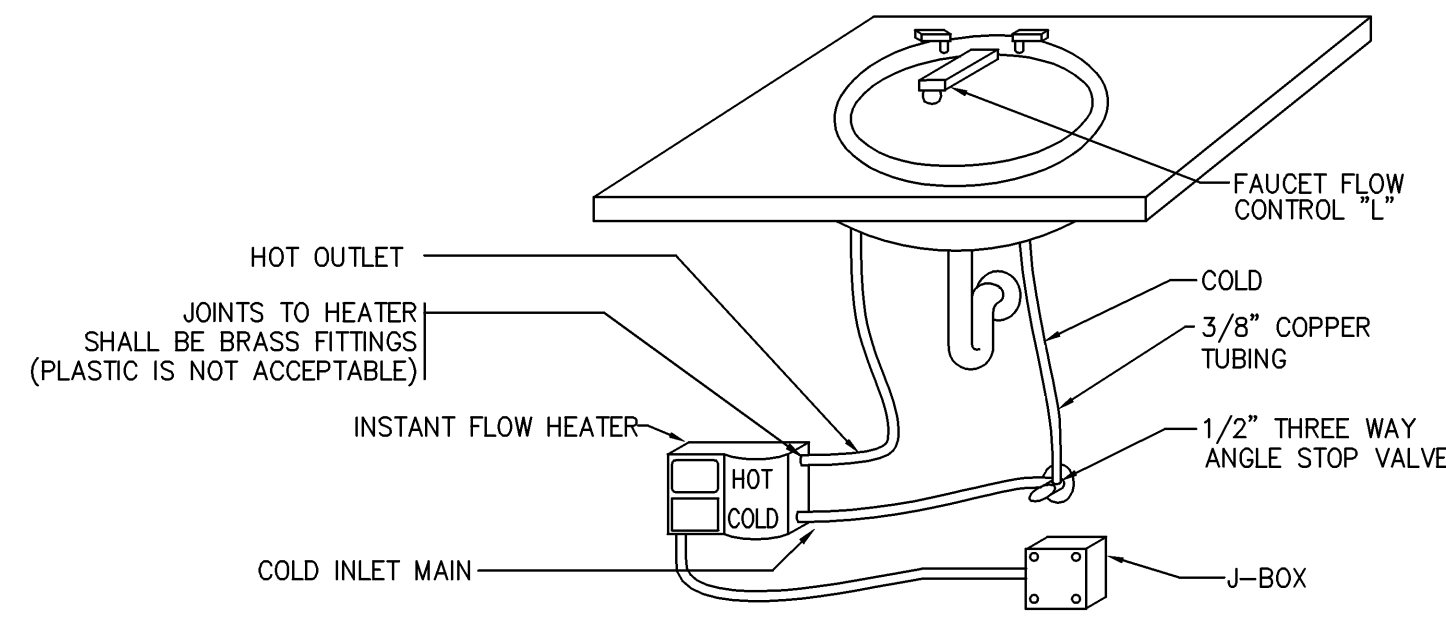
1 WATER TIGHT PENETRATION
P-0.2 SCALE: NOT TO SCALE



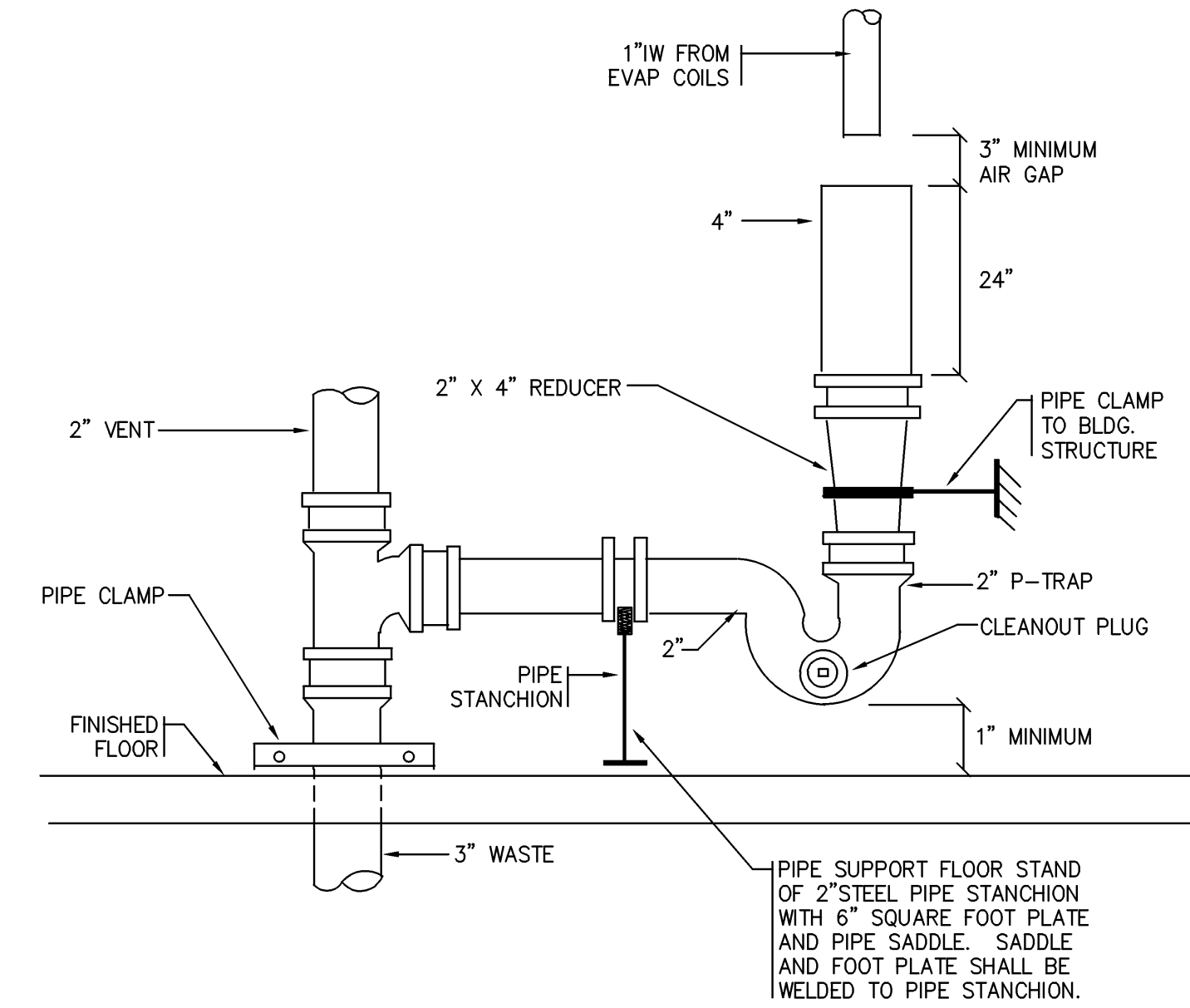
DETAIL NOTE:
ALL REQUIRED FILLMASTER EQUIPMENT, CONNECTORS AND TUBING SUPPLIED BY INNOVATIVE MEDICAL SERVICES. THIS EQUIPMENT SHALL BE PURCHASED AND INSTALLED BY GENERAL CONTRACTOR.

ESTIMATED MAXIMUM DISCHARGE RATE FOR THE FILM PROCESSOR IS 25 GAL/DAY AT A PH FACTOR OF 7.0-8.0.

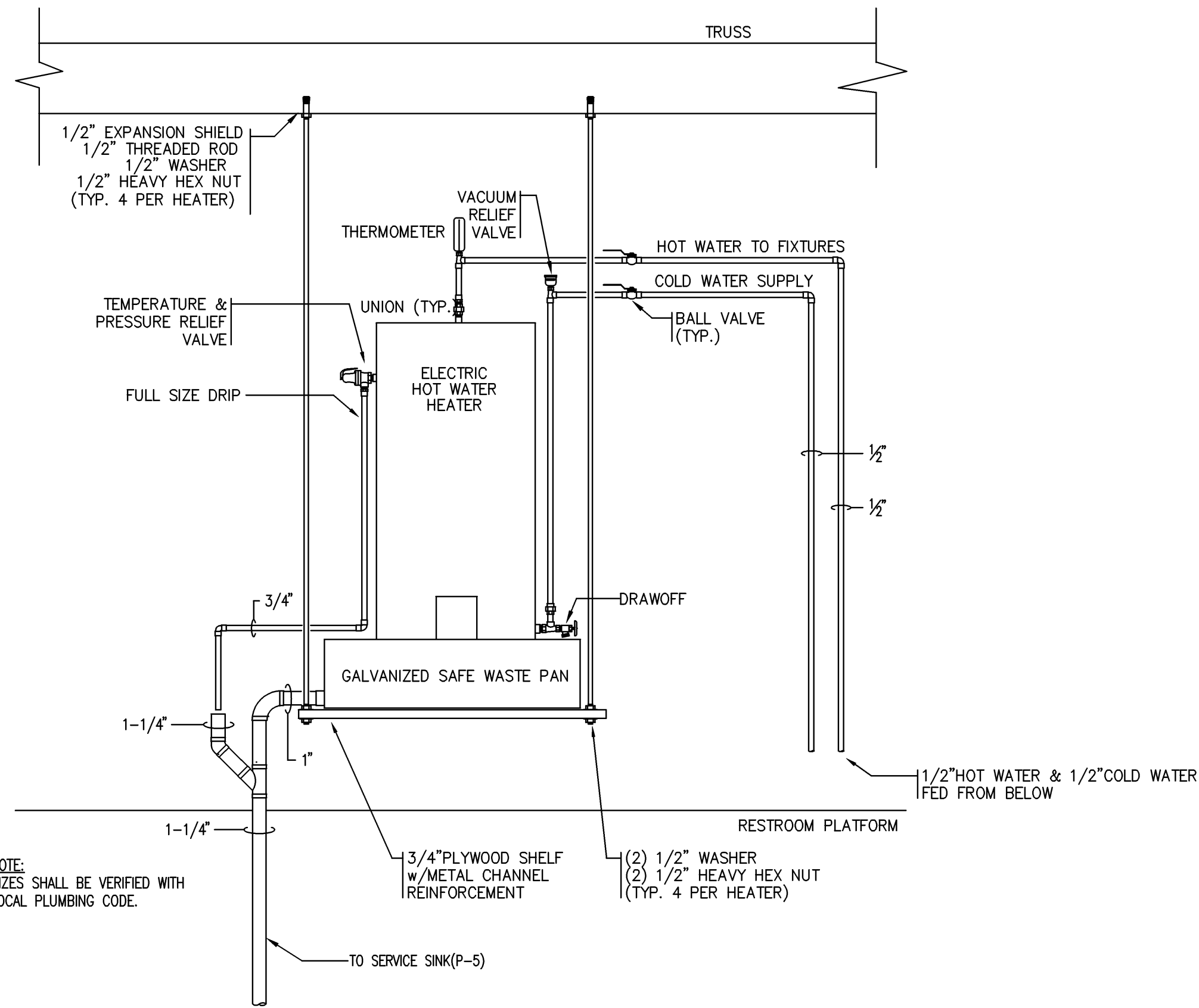
2 WATER PURIFICATION DETAIL
P-0.2 SCALE: NOT TO SCALE



3 INSTANTANEOUS WATER HEATER
P-0.2 SCALE: NOT TO SCALE

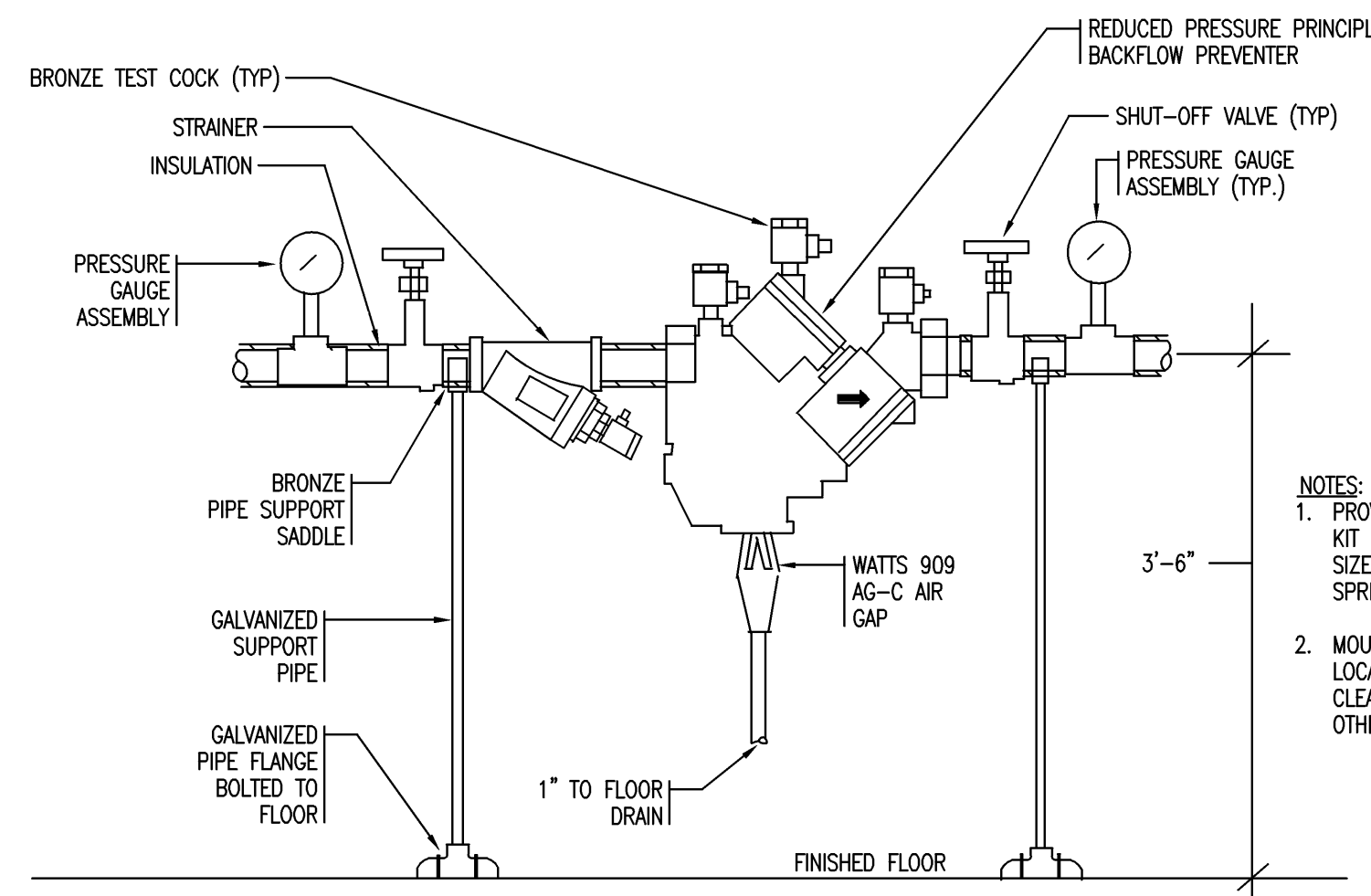


4 OPEN END DRAIN (OED)
P-0.2 SCALE: NOT TO SCALE



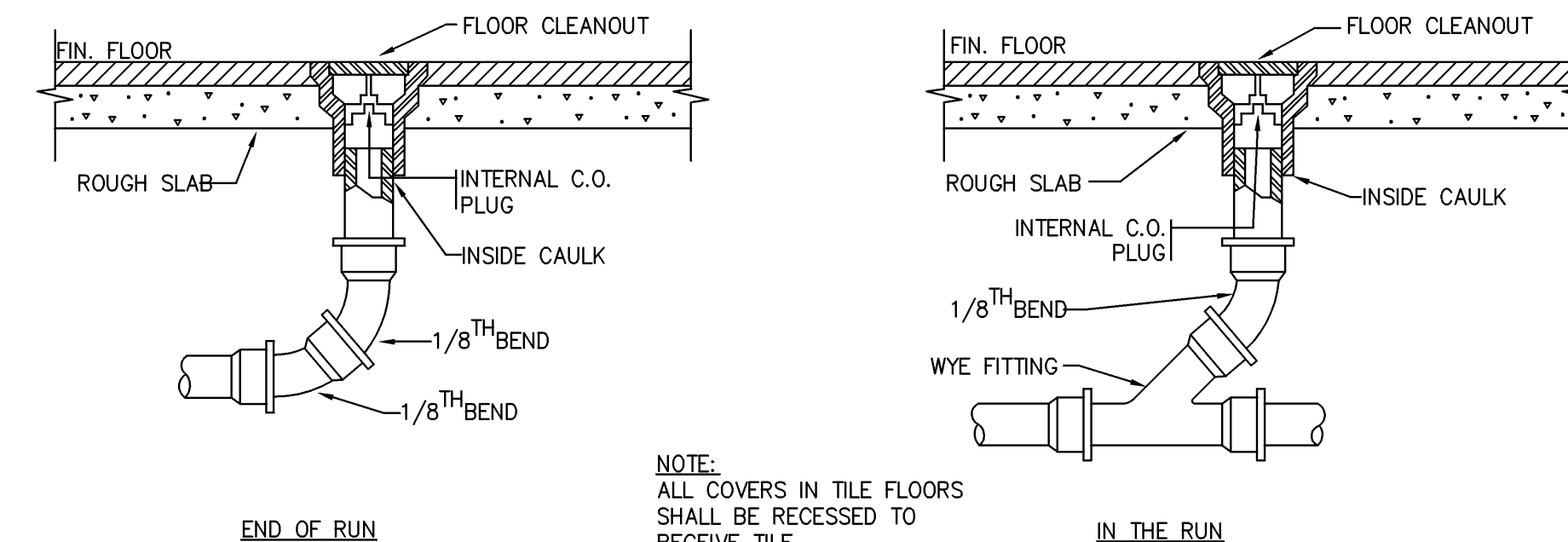
NOTE:
SIZES SHALL BE VERIFIED WITH LOCAL PLUMBING CODE.

5 DETAIL OF SUSPENDED ELECTRIC WATER HEATER
P-0.2 SCALE: NOT TO SCALE



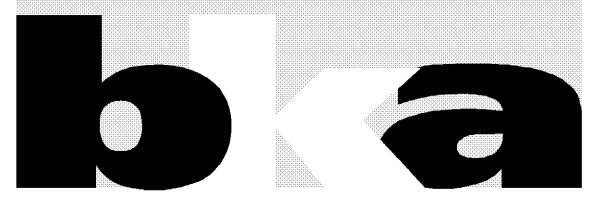
NOTES:
1. PROVIDE SPARE PARTS KIT FOR EACH DIFFERENT SIZE UNIT INCLUDING GASKETS, SPRINGS, & MAIN ASSEMBLIES.
2. MOUNT IN ACCORDANCE WITH LOCAL REGULATIONS WITH CLEARANCE FROM WALLS AND OTHER OBSTRUCTIONS.

6 DETAIL OF BACKFLOW PREVENTER
P-0.2 SCALE: NOT TO SCALE



NOTE:
ALL COVERS IN TILE FLOORS SHALL BE RECESSED TO RECEIVE TILE.

7 DETAIL OF FLUSH FLOOR CLEANOUTS
P-0.2 SCALE: NOT TO SCALE



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SEAL:



NEW

STORE NUMBER: 329

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REVISIONS:

DRAWING BY: RMP

DATE: 8/31/09

JOB NUMBER: 209017

TITLE:

PLUMBING
DETAILS

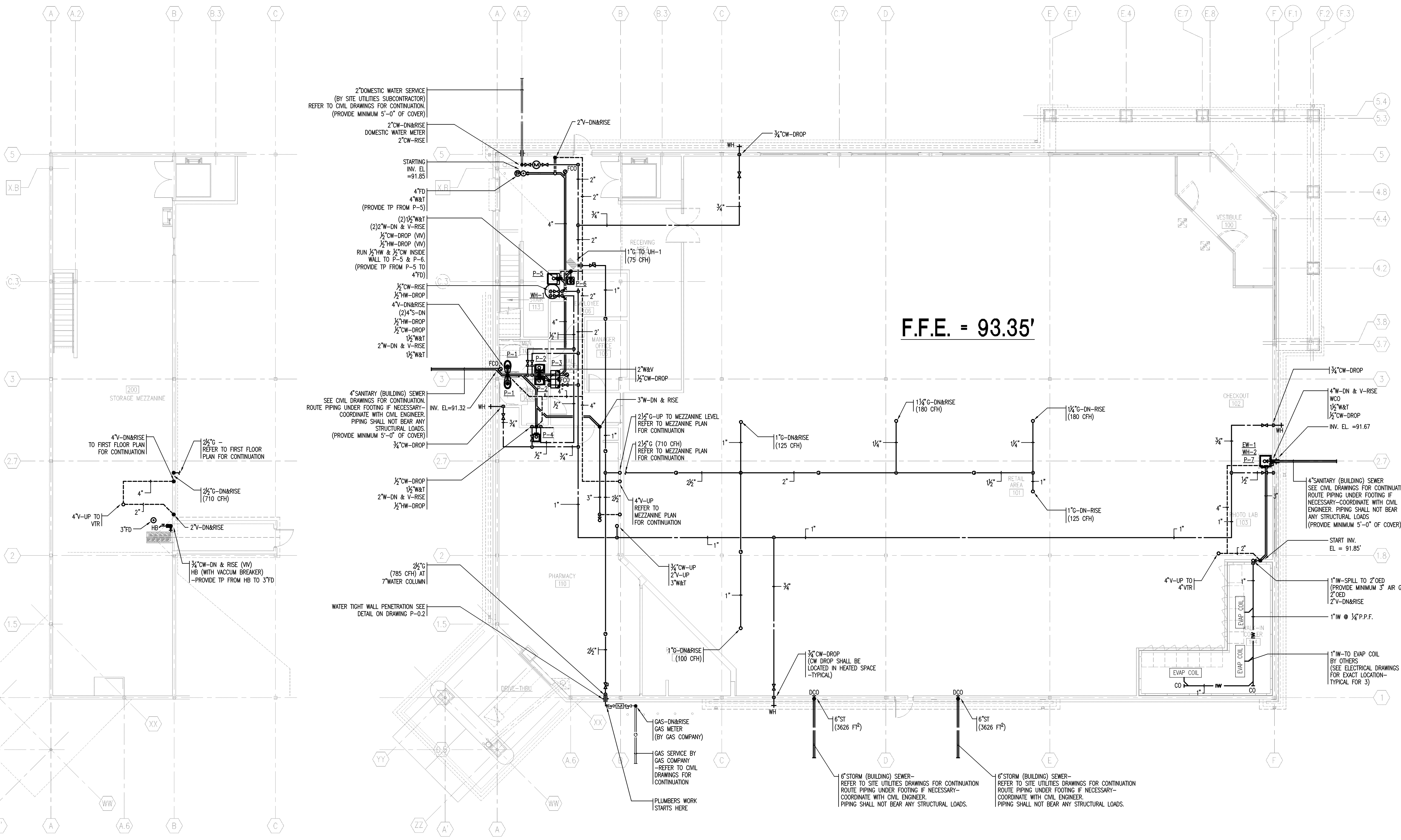
SHEET NUMBER:

P-0.2

COMMENTS:
ISSUED FOR CONSTRUCTION

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PLUMBING SUBCONTRACTOR SHALL PROVIDE A WATER TIGHT PENETRATION FOR THE IRRIGATION SUBCONTRACTOR IN RECEIVING AREA NEAR DOMESTIC WATER METER. PROVIDE REDUCE PRESSURE BACKFLOW PREVENTER, COORDINATE SIZE AND LOCATION WITH IRRIGATION SUBCONTRACTOR PRIOR TO INSTALLATION.
 (PLUMBING SUBCONTRACTOR SHALL COORDINATE EXACT LOCATION OF PENETRATION WITH IRRIGATION SUBCONTRACTOR AND ARCHITECT PRIOR TO INSTALLATION.)



2 PLUMBING MEZZANINE PLAN
 P-1.1 SCALE: 1/8"=1'-0"

1 PLUMBING FIRST FLOOR PLAN
 P-1.1 SCALE: 1/8"=1'-0"

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SEAL:

CVS/
pharmacy
 NEW
 STORE NUMBER: 329
 NORTHGATE PLAZA
 91 AUBURN STREET
 PORTLAND, MAINE

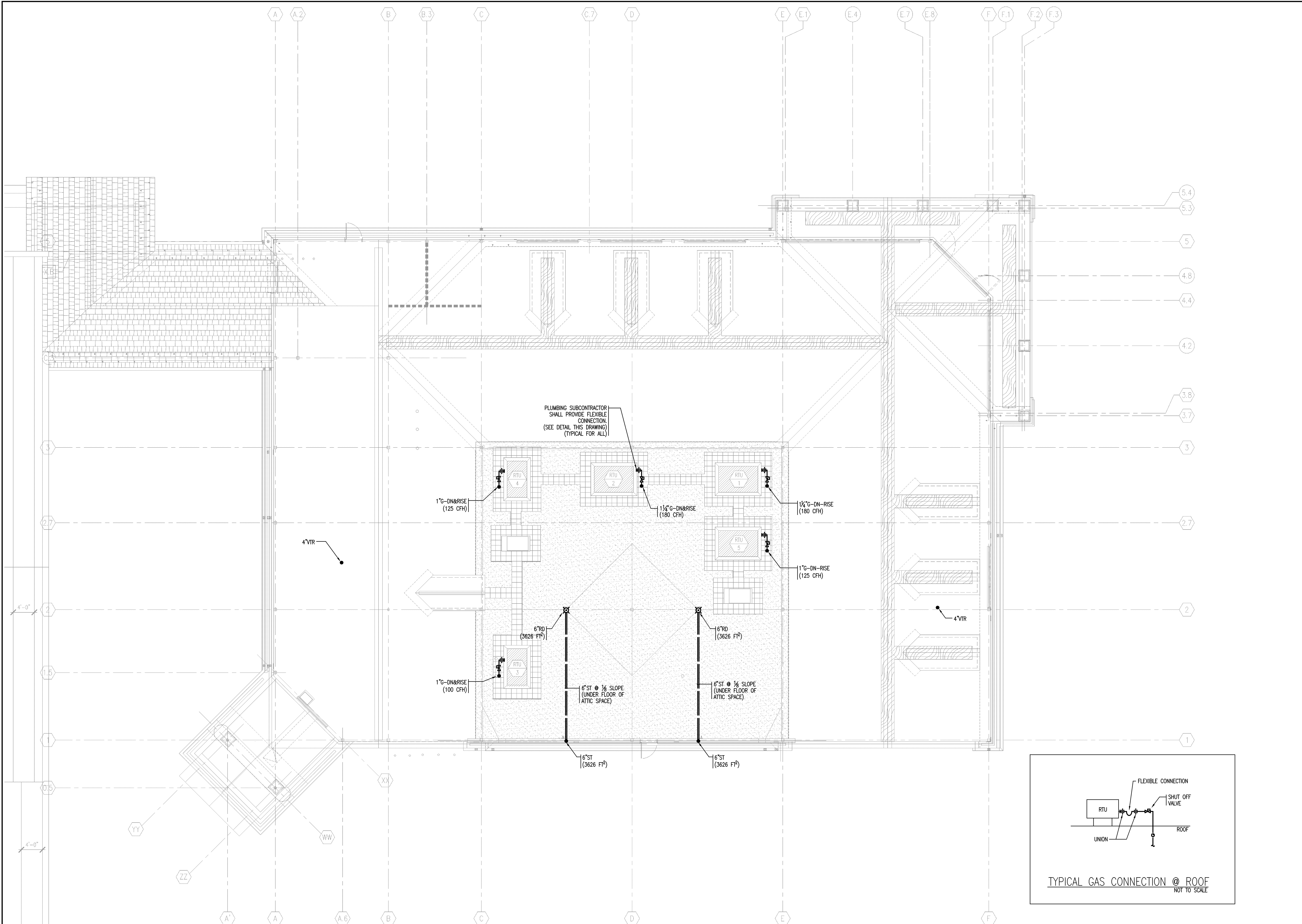
DEVELOPER:
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 5 MILITIA DRIVE
 LEXINGTON, MA 02421

REVISIONS:

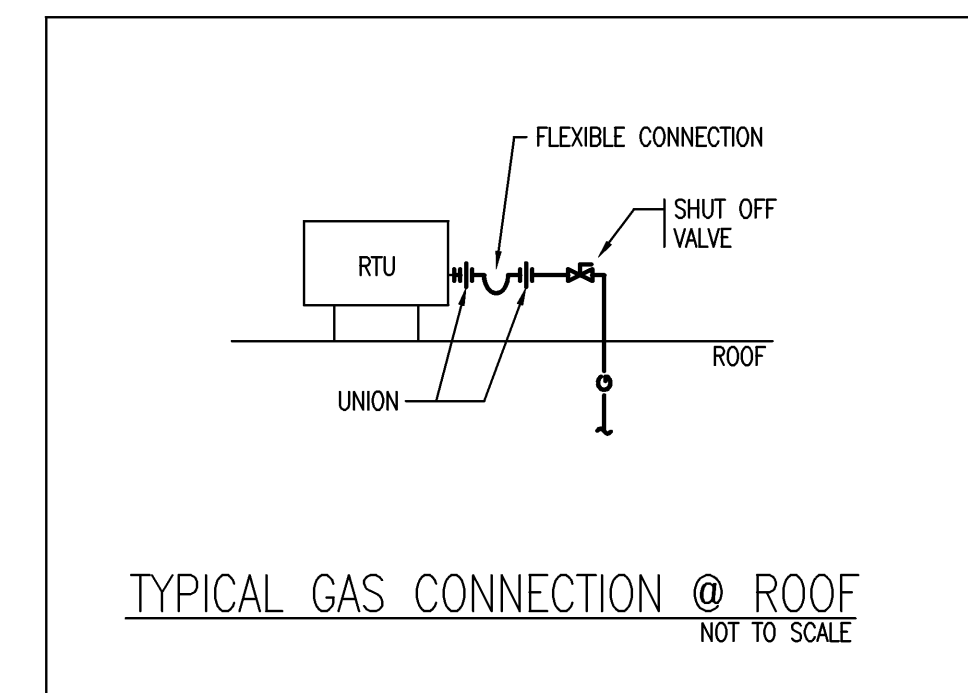
DRAWING BY: RMP
 DATE: 8/31/09
 JOB NUMBER: 209017
 TITLE: PLUMBING FIRST & MEZZANINE FLOOR PLAN
 SHEET NUMBER: P-1.1
 COMMENTS:
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1 PLUMBING ROOF PLAN
P-1.2 SCALE: 1/8"=1'-0"



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 SHEET NUMBER: P-1.2
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FIRE PROTECTION LEGEND

SYMBOL	ABBR	DESCRIPTION
	F	BURIED FIRE PROTECTION WATER SERVICE
	F	FIRE MAIN PIPING
	SPR	WET SPRINKLER PIPING
	D	DRY SPRINKLER PIPING
	DR	DRAIN PIPING
	PC	PUMPER CONNECTION PIPING
	TC	TEST CONNECTION PIPING
	MACV	MAIN ALARM CHECK VALVE
	FDC	4" STORZ FIRE DEPARTMENT CONNECTION
	FS	FLOW SWITCH
	OS&Y	OUTSIDE SCREW & YOKE VALVE W/ TAMPER SWITCH
	CV	CHECK VALVE
	CVD	CHECK VALVE W/ BALL DRIP
	VV	VALVE IN VERTICAL
	DCVA	DOUBLE CHECK VALVE ASSEMBLY
		PIPE CAP
		PIPE CONTINUATION
		PIPE UP THRU SLAB OF FLOOR ABOVE
		PIPE DOWN THRU FLOOR SHOWN
		PIPE DROP
		PIPE RISE
		ELECTRIC ALARM BELL
	VIF	VERIFY IN FIELD
	NTS	NOT TO SCALE
	L.O.W.	LIMIT OF WORK
		HYDRAULIC CALCULATION NODE POINT
	F	FLOW SWITCH (FURNISHED BY FP SUBCONTRACTOR & WIRED BY ELECTRICAL SUBCONTRACTOR)
	T	TAMPER SWITCH (FURNISHED BY FP SUBCONTRACTOR & WIRED BY ELECTRICAL SUBCONTRACTOR)
	LP	LOW PRESSURE SWITCH (FURNISHED BY FP SUBCONTRACTOR & WIRED BY ELECTRICAL SUBCONTRACTOR)

HYDRAULIC DESIGN INFORMATION

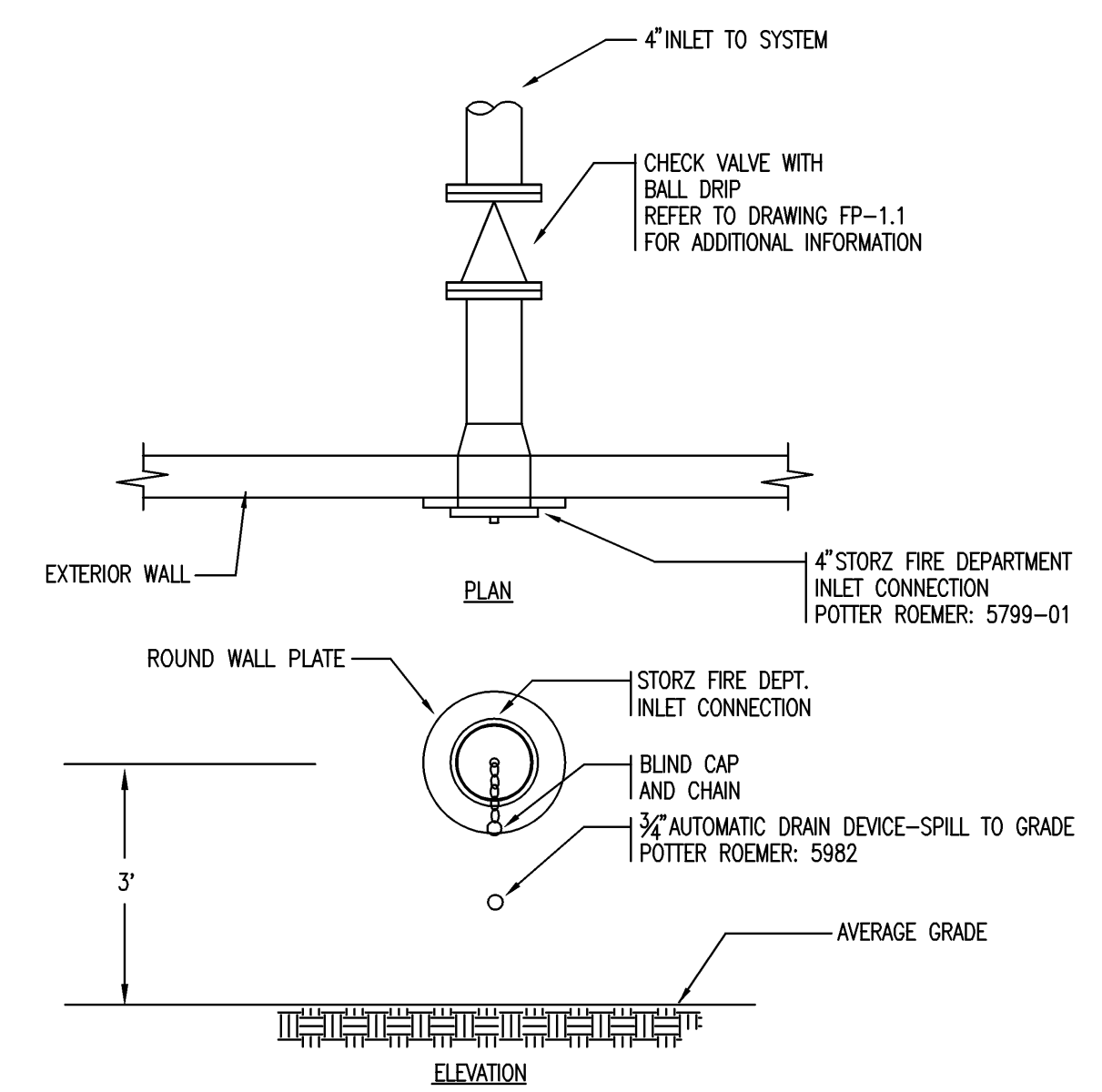
SYSTEM NUMBER:	1	REMOTE AREA NUMBER:	1
OCCUPANCY CLASSIFICATION:	ORDINARY HAZARD GROUP II	AREA OF APPLICATION:	1,500 SQ.FT.
DENSITY:	0.20 GPM/SQ.FT.	SYSTEM TYPE:	WET
NO. OF HEADS CALC'D:	-	ORIFICE SIZE:	1/2"
SQ. FT. PER HEAD:	130 SQ FT	HOSE STREAM REQUIRED:	0 GPM (INSIDE) 250 GPM (TOTAL COMBINED INSIDE & OUTSIDE)

SPRINKLER SCHEDULE

SYMBOL	DESCRIPTION
	RELIABLE MODEL GFR QUICK RESPONSE EXPOSED UPRIGHT SPRINKLER HEAD WITH 165°F TEMPERATURE RATING, AND 1/2" ORIFICE.
	RELIABLE MODEL F1FR QUICK RESPONSE PENDENT SPRINKLER WITH 155°F TEMPERATURE RATING, AND 1/2" ORIFICE.
	RELIABLE MODEL F3OR QUICK RESPONSE DRY PENDENT SPRINKLER WITH 155°F TEMPERATURE RATING, AND 1/2" ORIFICE.
	TYCO MODEL DS-3, OR APPROVED EQUAL, EXTENDED COVERAGE DRY HORIZONTAL SIDEWALL SPRINKLER HEAD WITH 200°F TEMPERATURE RATING, AND 1" ORIFICE.

FIRE PROTECTION GENERAL NOTES

- ALL WORK TO OCCUR AT OWNER'S CONVENIENCE. NOTIFY OWNER WELL IN ADVANCE OF BEGINNING ANY PHASE OF WORK.
- FIRE PROTECTION CONTRACTOR SHALL COORDINATE ALL NEW FIRE PROTECTION SYSTEM ALARM ZONES WITH THE OWNER.
- SPRINKLER HEADS ARE SHOWN FOR COORDINATION PURPOSES WITH ARCHITECTURAL REFLECTED CEILING PLANS. SUBCONTRACTOR SHALL ESTABLISH FOR HIMSELF, THE EXACT QUANTITY AND LOCATION OF HEADS REQUIRED FOR THIS PROJECT AND THE EXACT EXTENT OF WORK REQUIRED. INCLUDING ADDITIONAL HEADS NEEDED FOR COORDINATION WITH OBSTRUCTIONS. CONTRACTOR SHALL PROVIDE ADDITIONAL HEADS AS NECESSARY TO COORDINATE WITH OBSTRUCTIONS WITHOUT ANY ADDITIONAL COST TO THE OWNER.
- HYDRANT FLOW TEST DATA IS BASED ON THE MOST RECENT HYDRANT FLOW TEST AVAILABLE FROM THE LOCAL WATER DEPT. FIRE PROTECTION CONTRACTOR SHALL PERFORM HIS OWN HYDRAULIC CALCULATIONS. ACTUAL PIPE SIZES SHALL BE DETERMINED BY HYDRAULIC CALCULATIONS USING CURRENT SITE SPECIFIC FLOW DATA.
- REFER TO SPECIFICATIONS FOR FIRE PROTECTION SYSTEM REQUIREMENTS. SYSTEM SHALL BE DESIGNED FOR MAXIMUM STORAGE HEIGHT OF 10 FEET.
- CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL SYSTEM DESIGN AND LAYOUT. A REQUEST FOR INFORMATION SHALL BE SUBMITTED FOR ANY QUESTIONS, COMMENTS, OR REVISIONS TO THESE DOCUMENTS.
- CONTRACTOR SHALL COORDINATE LOCATIONS OF PIPING, ALARMS, DRAINS, TEST POINTS, ETC., WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS.
- FOR DRY SPRINKLER SYSTEM, ALL SPRINKLER PIPING 2-1/2" AND LARGER SHALL BE GALVANIZED SCHEDULE 10 PIPING & FITTINGS. ALL SPRINKLER PIPING 2" OR SMALLER SHALL BE GALVANIZED SCHEDULE 40 PIPING & FITTINGS.
- FOR WET SPRINKLER SYSTEM, ALL SPRINKLER PIPING 2-1/2" AND LARGER SHALL BE BLACK STEEL SCHEDULE 10 PIPING & FITTINGS. ALL SPRINKLER PIPING 2" AND SMALLER SHALL BE BLACK STEEL SCHEDULE 40 PIPING & FITTINGS.
- AUXILIARY DRAINAGE IN ACCORDANCE WITH NFPA 13 SHALL BE PROVIDED FOR ALL TRAPPED SECTIONS OF PIPE.
- PIPE ALL DRAINS AND INSPECTOR'S TEST TO OUTSIDE OR DRAIN TO A DRAIN APPROVED BY THE OWNER FOR SPRINKLER DISCHARGE.
- PROVIDE 1" DROPS TO PENDENT SPRINKLERS LOCATED BELOW RTU DUCTWORK.
- THESE PLANS HAVE BEEN PREPARED FOR GUIDANCE IN BIDDING. CONTRACTOR IS RESPONSIBLE FOR OBTAINING APPROVAL OF HIS WORKING DRAWINGS FROM THE AUTHORITY HAVING JURISDICTION.
- REFER TO DRAWING FP-1.1 FOR PROPOSED FIRE DEPARTMENT CONNECTION LOCATION, FINAL LOCATION SHALL BE APPROVED BY THE LOCAL FIRE DEPARTMENT PRIOR TO INSTALLATION.
- ALL SPRINKLER PIPING SHALL HAVE CALCULATED SEISMIC BRACING IN ACCORDANCE WITH THE MAINE BUILDING CODE.



1
FP-0.1
DETAIL OF FIRE DEPARTMENT CONNECTION - 4" STORZ
SCALE: NOT TO SCALE

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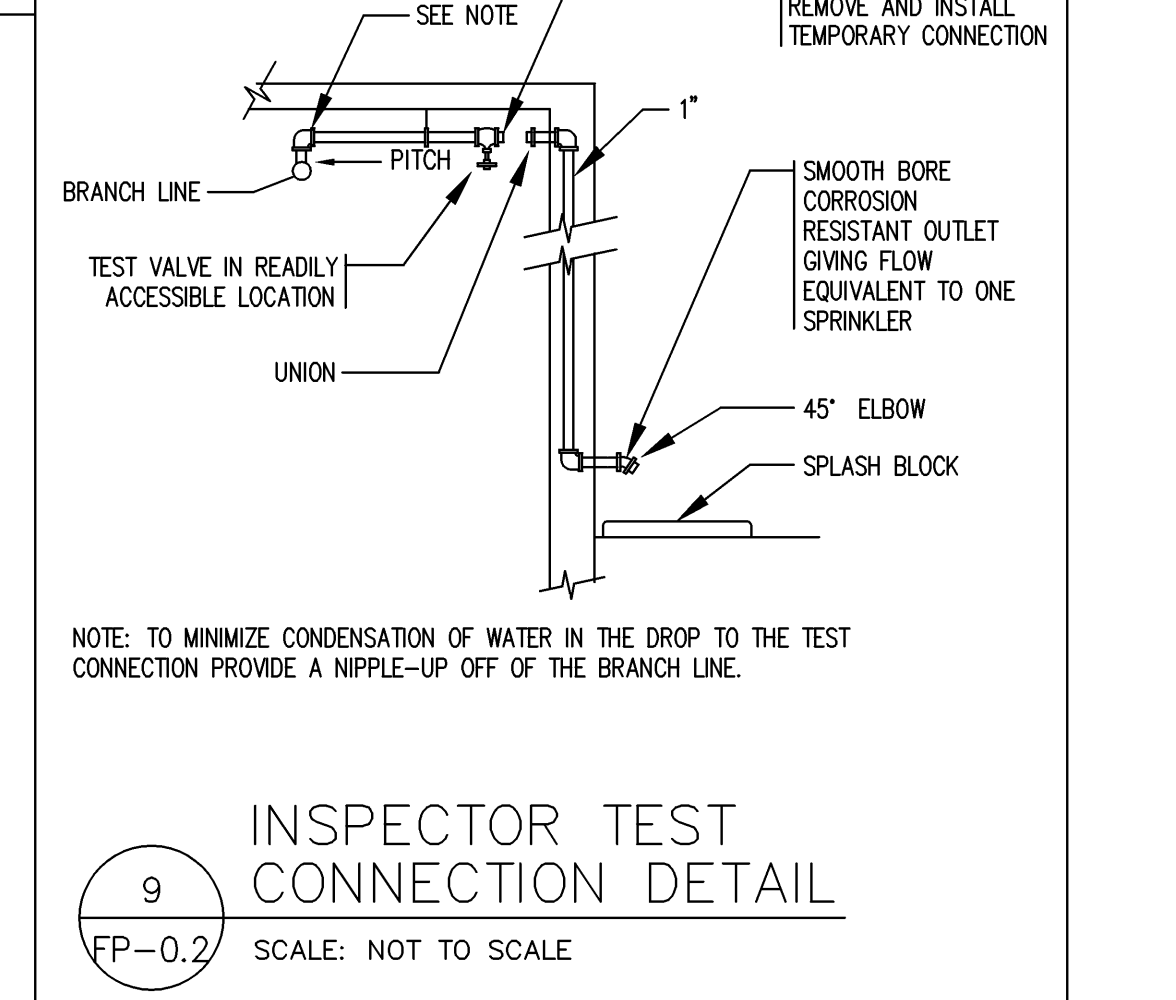
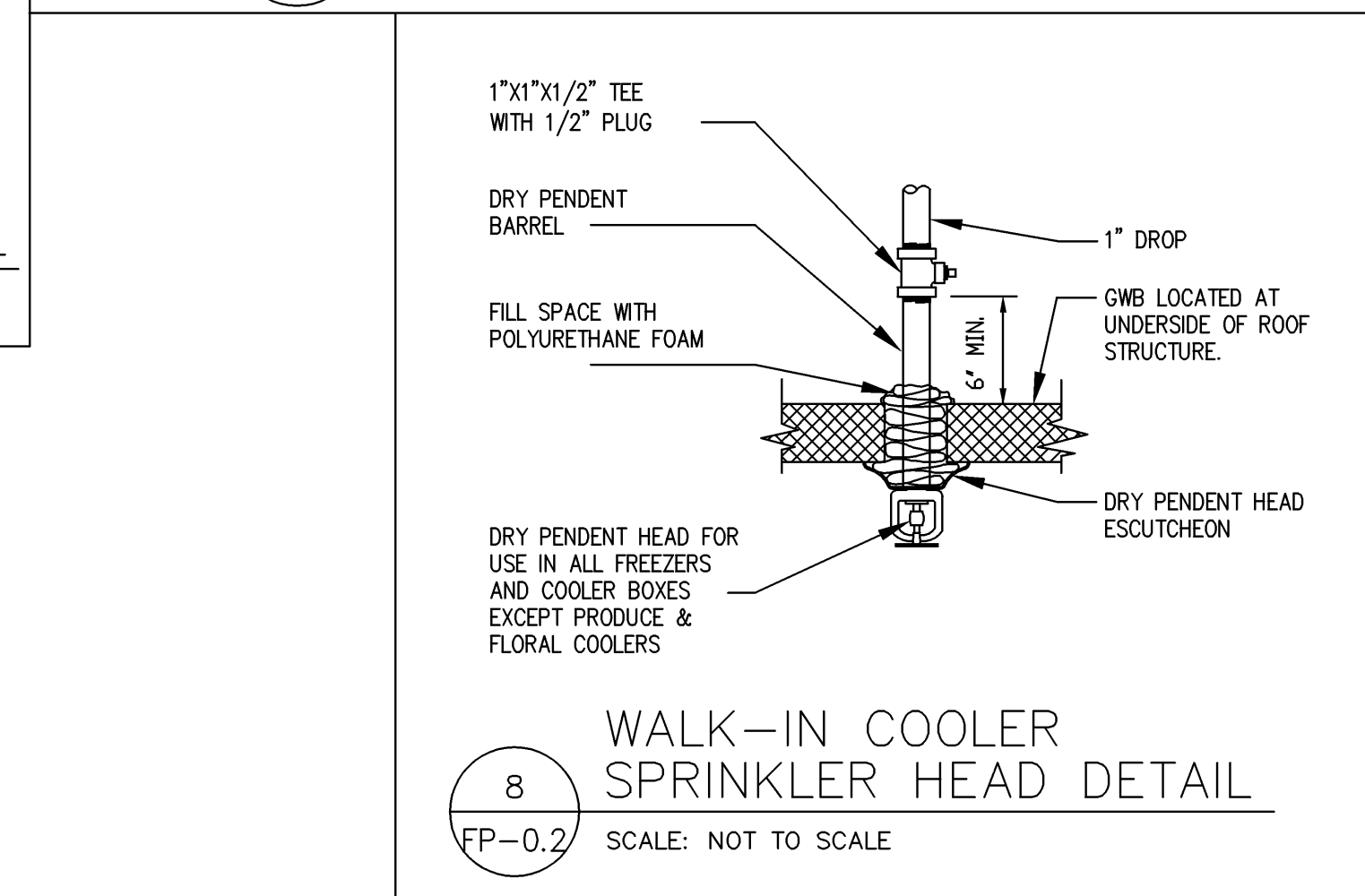
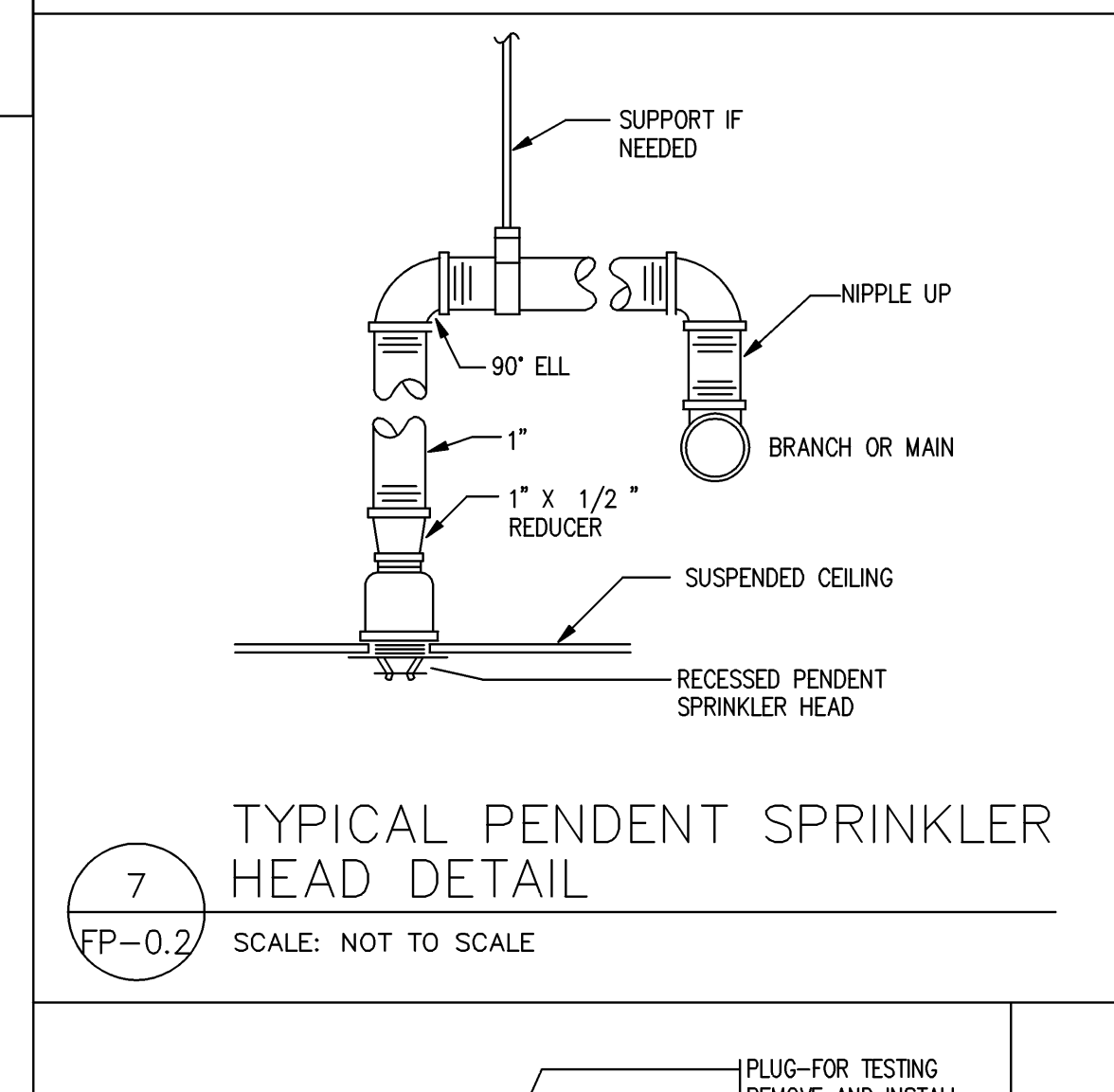
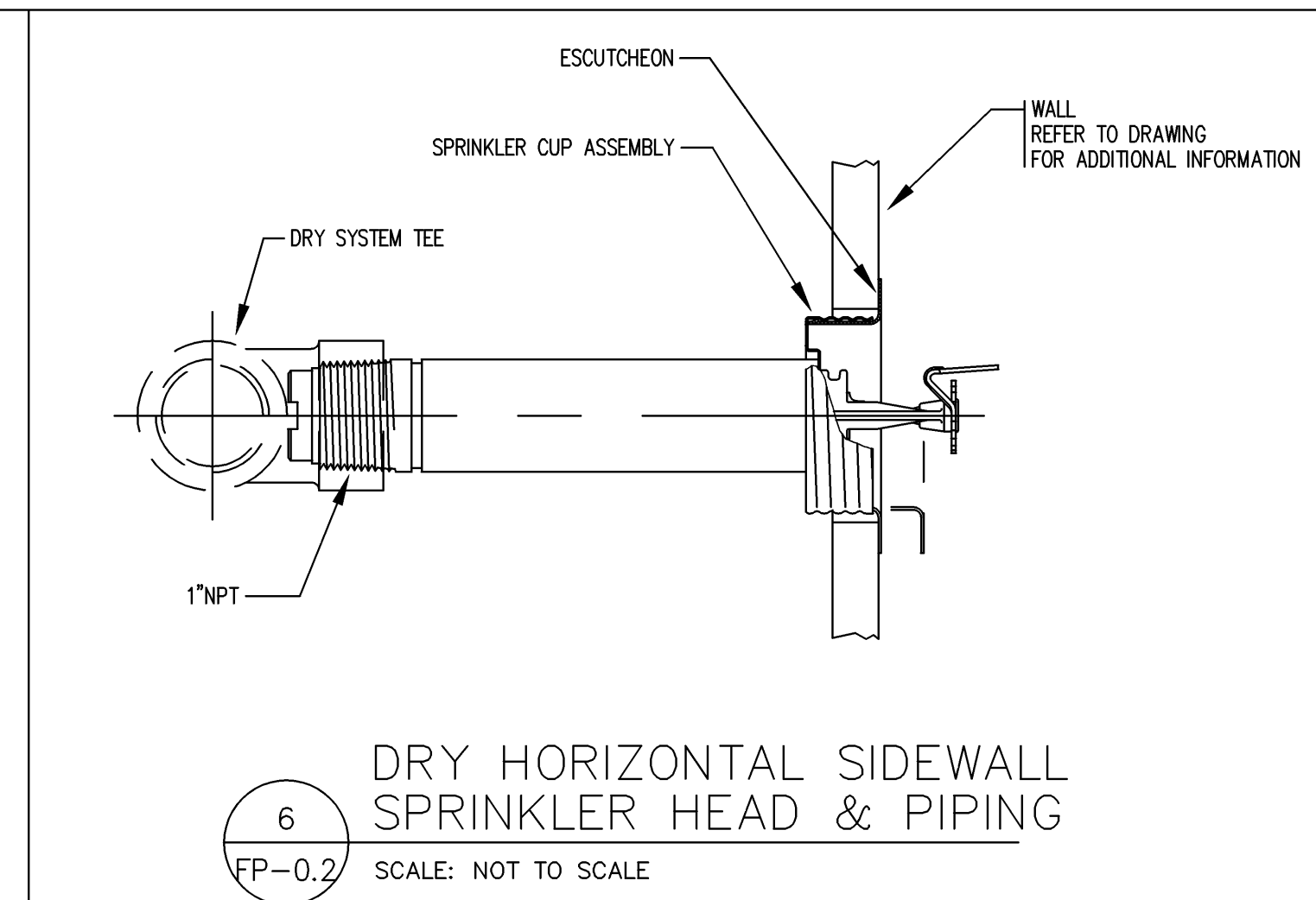
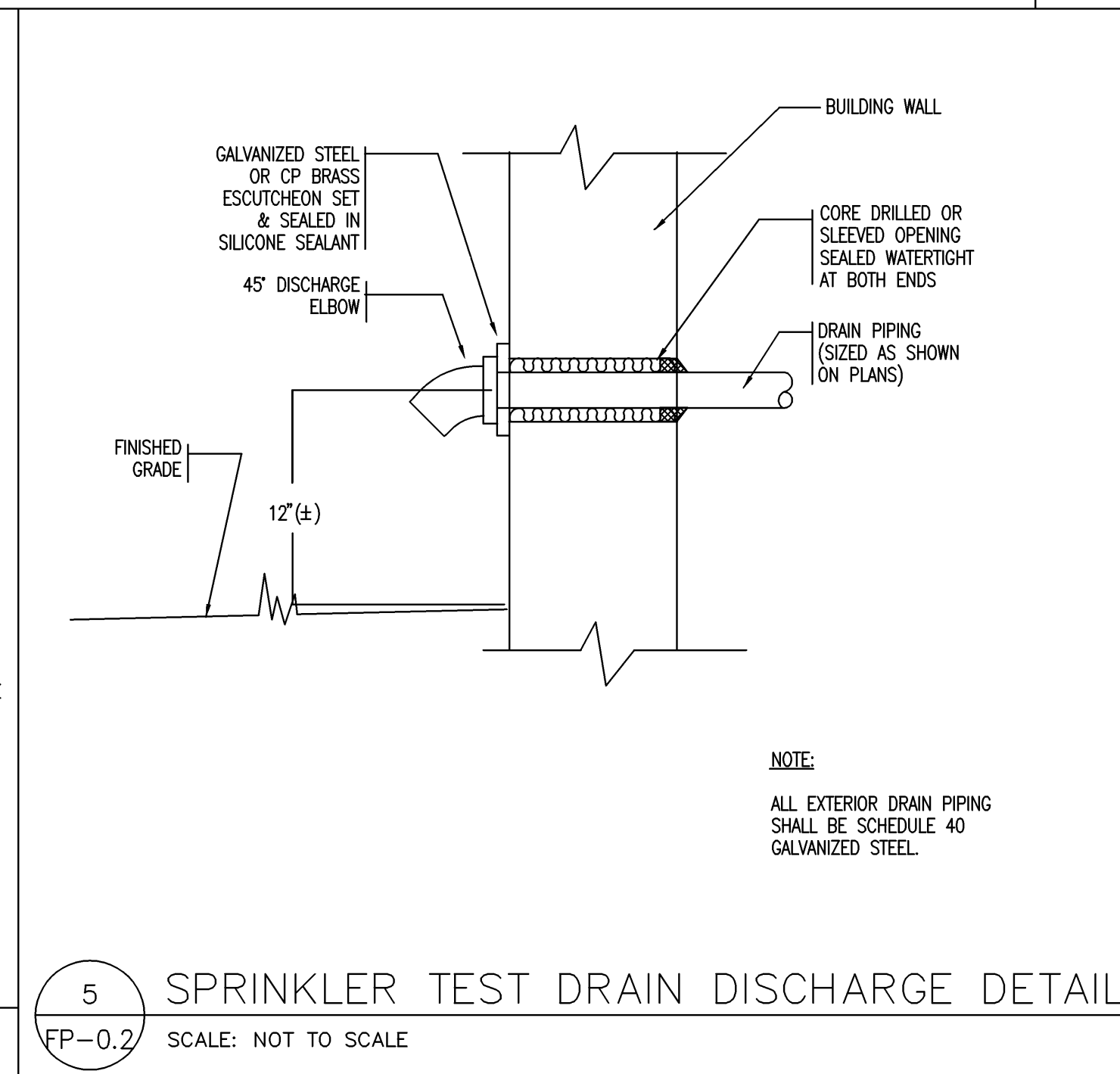
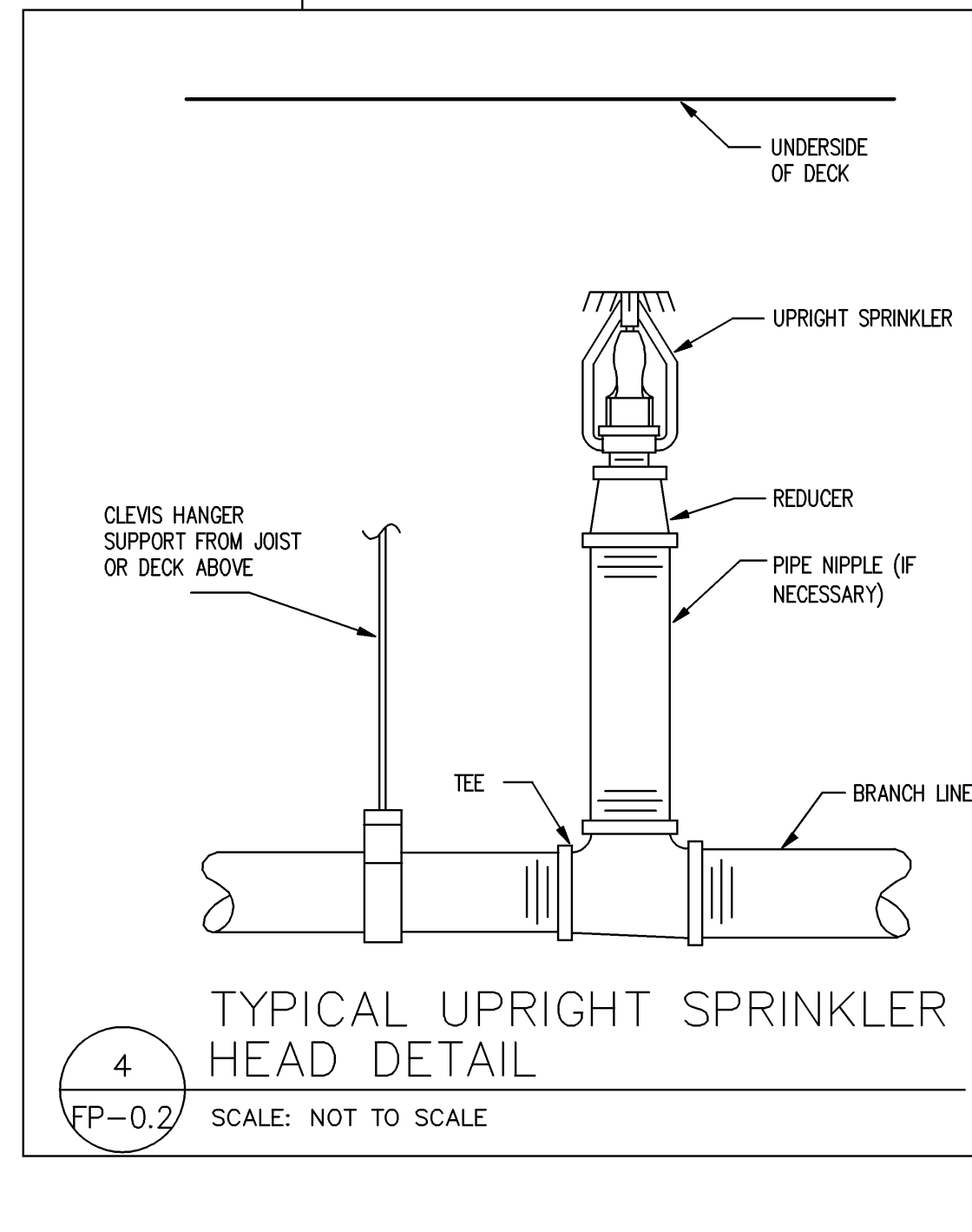
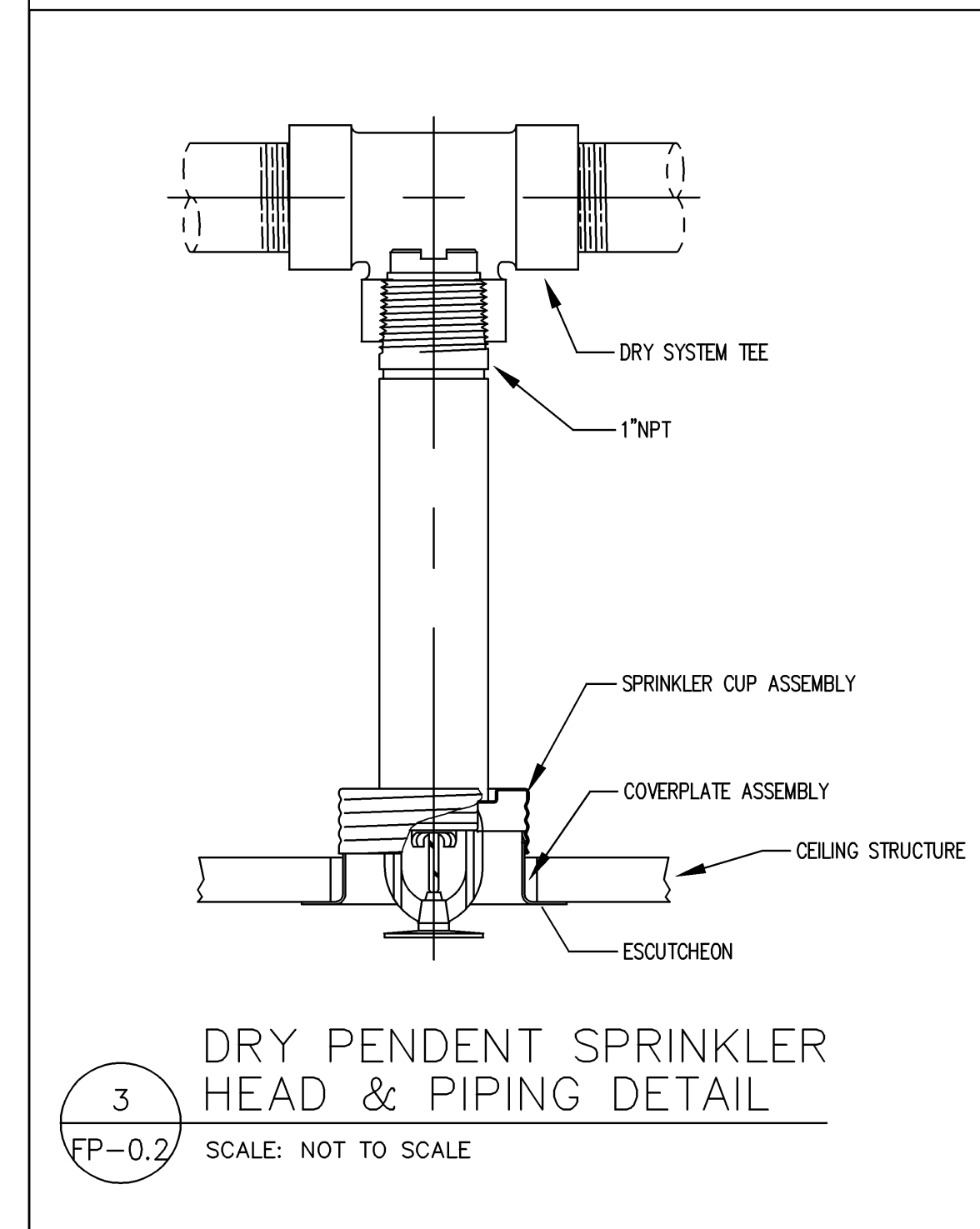
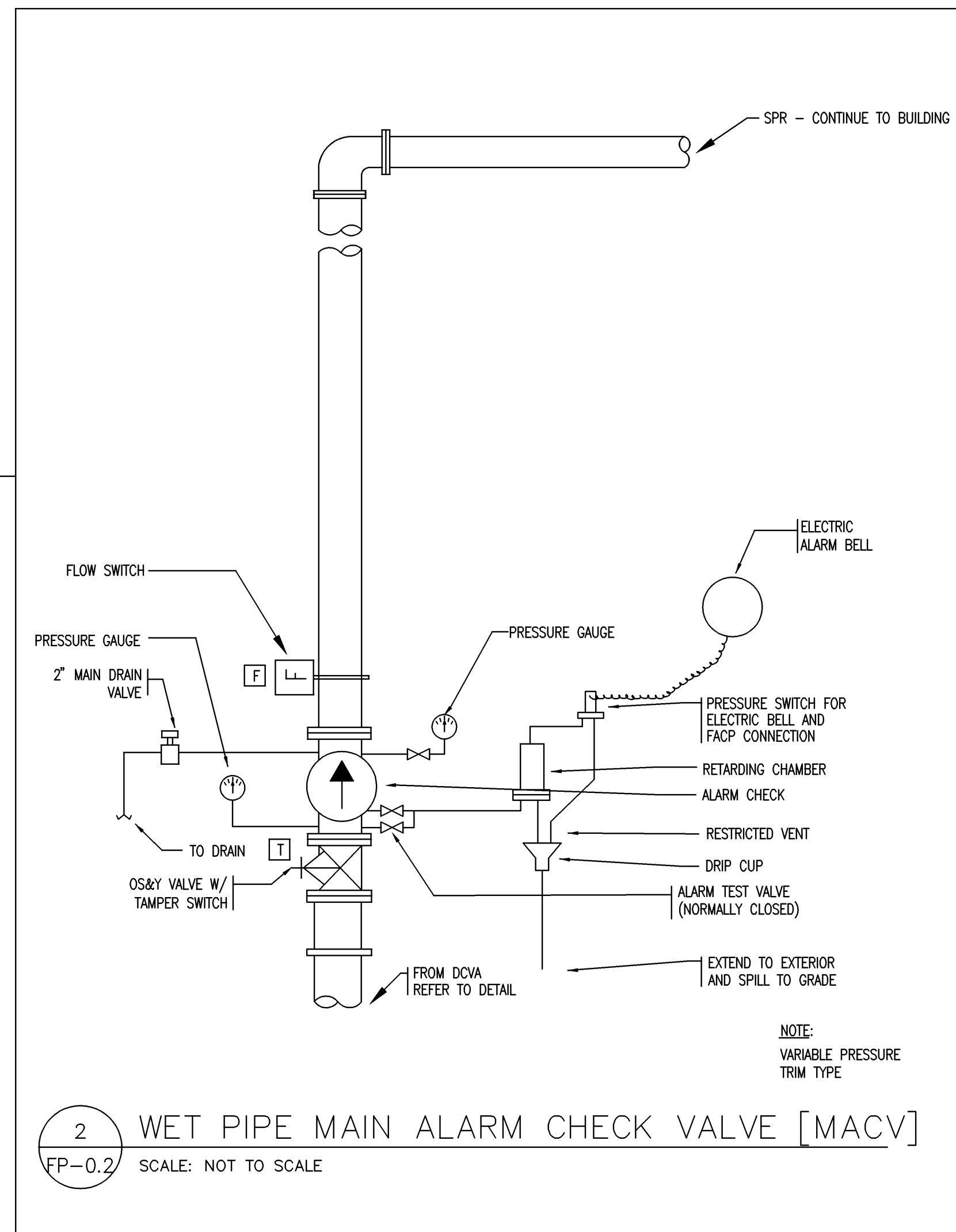
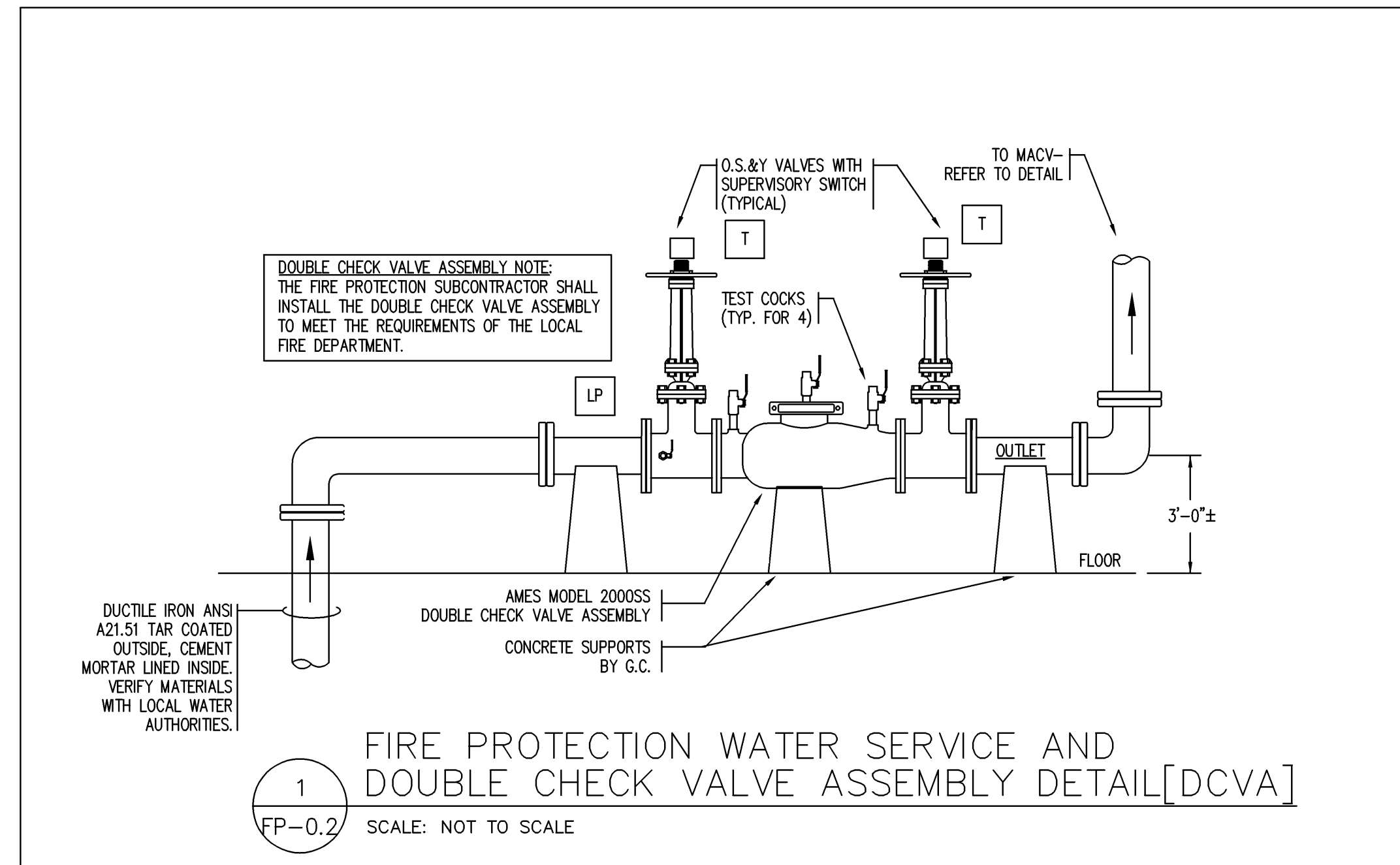
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REVISIONS:

DRAWING BY:	RMP
DATE:	8/31/09
JOB NUMBER:	209017
TITLE:	FIRE PROTECTION LEGEND, NOTES, AND DETAILS
SHEET NUMBER:	FP-0.1
COMMENTS:	ISSUED FOR CONSTRUCTION

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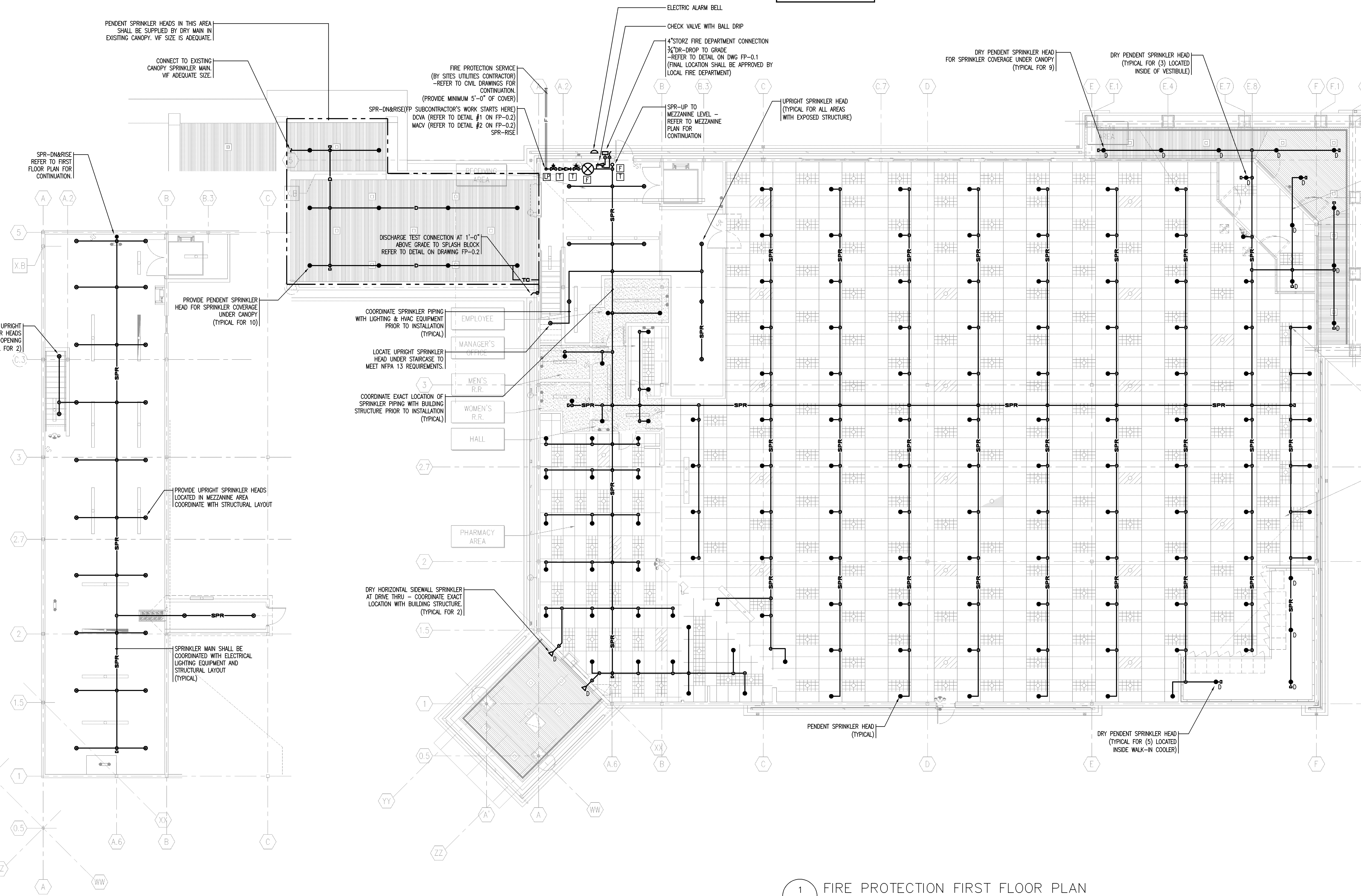
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REVISIONS:

DRAWING BY: RMP
DATE: 8/31/09
JOB NUMBER: 209017
TITLE: FIRE PROTECTION DETAILS
SHEET NUMBER: FP-0.2
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2 FIRE PROTECTION MEZZANINE PLAN
FP-1.1 SCALE: 1/8"=1'-0"

1 FIRE PROTECTION FIRST FLOOR PLAN
FP-1.1 SCALE: 1/8"=1'-0"

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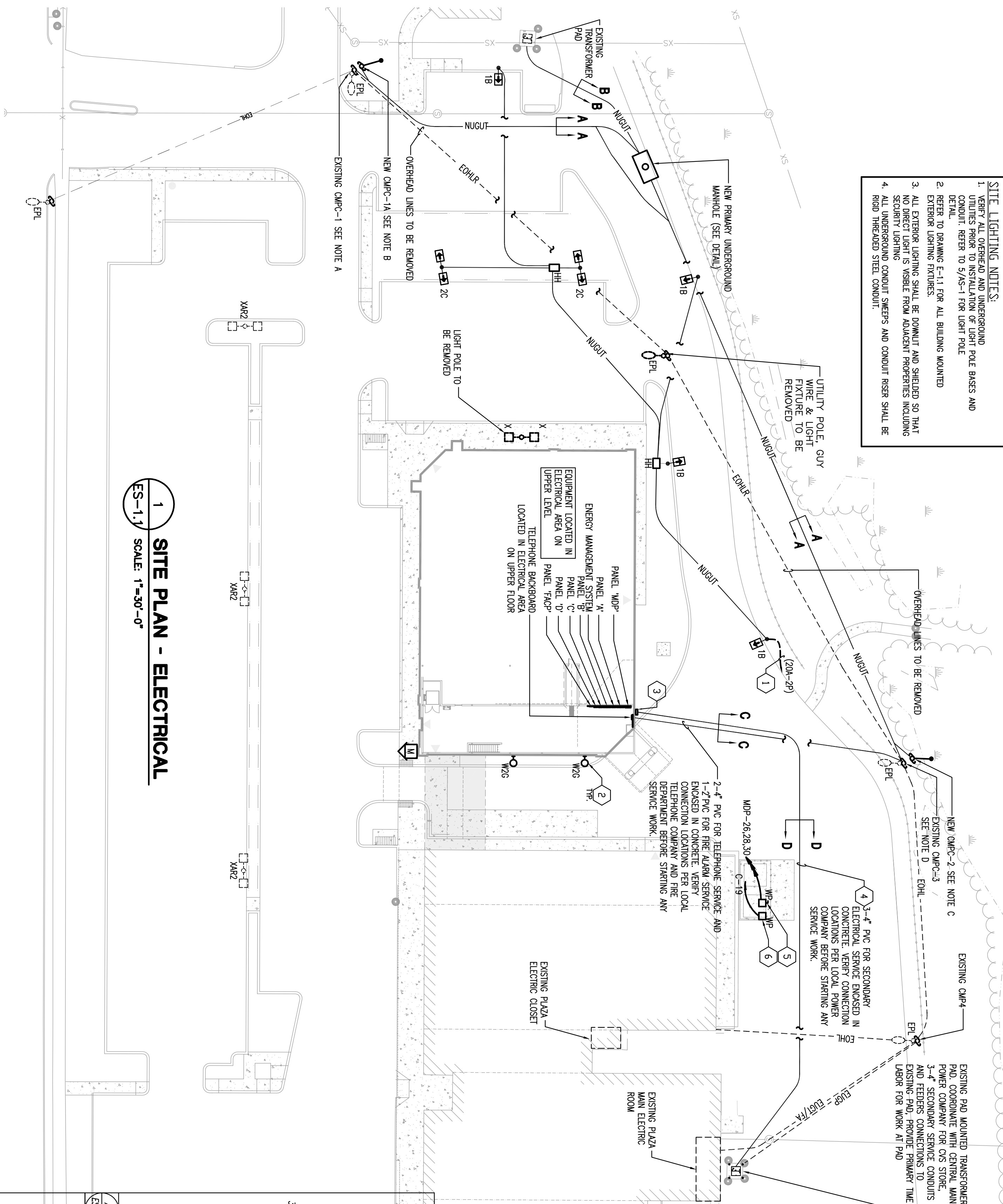
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REVISIONS:

DRAWING BY: RMP
 DATE: 8/31/09
 JOB NUMBER: 209017
 TITLE: FIRE PROTECTION FIRST & MEZZANINE FLOOR PLAN
 SHEET NUMBER: FP-1.1
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- SITE LIGHTING NOTES:**
1. VERIFY ALL OVERHEAD AND UNDERGROUND POLE BASES AND CONDUIT REFER TO 5/4'S-11 FOR LIGHT POLE DETAIL.
 2. REFER TO DRAWING E-11 FOR ALL BUILDING MOUNTED EXTERIOR LIGHTING FIXTURES.
 3. ALL EXTERIOR LIGHTING SHALL BE DOWNLIT AND SHIELDED SO THAT NO DIRECT LIGHT IS VISIBLE FROM ADJACENT PROPERTIES INCLUDING EXTERIOR LIGHTING FIXTURES.
 4. ALL UNDERGROUND CONDUIT SIZES AND CONDUIT RISER SHALL BE AS SHOWN.



ALL FINISHES SHALL BE PURCHASED THROUGH WEBBBERG-BROWN CO. (888) 230 1869

MARK	DESCRIPTION	MOUNTING	VOLTS	LAMPS	REMARKS
1A	(2) EXISTING KAMAQOSKAR WITH 27'-0" POLE, RAM TWIN LUMINAIRE, POLE BASE 3'-0"	POLE MOUNTED	-	2-XXW-SUPER 1-250W-SUPER PER LUMINAIRE	PROVIDE GREY FINISH, PROVIDE POLE WIND RAINING FOR AREA INSTALLED.
1B	(1) HUBBEL MSV-4-HS-FHS WITH 27'-0" POLE, RAM MOUNT (1) HUBBEL MSV-4-HS-FHS WITH 27'-0" POLE, RAM MOUNT	POLE MOUNTED	208	1-250W-SUPER HALIDE POT PER LUMINAIRE	PROVIDE GREY FINISH, PROVIDE POLE WIND RAINING FOR AREA INSTALLED.
2C	(2) TWIN LUMINAIRE, MSS-27-80-3-06-XX POLE BASE 3'-0"	POLE MOUNTED	208	2-250W-SUPER HALIDE PER LUMINAIRE	PROVIDE GREY FINISH, PROVIDE POLE WIND RAINING FOR AREA INSTALLED.

ELECTRICAL LEGEND NOTES (SHEET SE-11 ONLY):

1. PROVIDE 2#8 & #8S, - 1" C, THROUGHOUT CIRCUIT, CONNECT TO EXISTING PLAZA PANEL, IF REQUIRED.
2. COORDINATE ALL EXTERIOR WALL LIGHT FIXTURE LOCATIONS WITH SHEET A-4.1 AND REFER SHEET E-11 FOR CIRCUIT INFORMATION.
3. ELECTRICAL SERVICE ENTRANCE LOCATION OF POWER COMPANY METER/CT CABINET AND FURTHER DETAILS, LOCATION, REF. E-1.2.
4. PROVIDE SECONDARY CONDUIT AND WIRING FROM UTILITY TRANSFORMER. SEE ELECTRICAL RISER DIAGRAM ON SHEET E-2.2 FOR FURTHER INFORMATION.
5. PROVIDE 6#4/2#6/2#8/2#10 DISCONNECT SWITCH, CONNECT TO RISER COMPACTORS (20#6/2#10 HP), CIRCUIT TO PANEL WITH #6 & #10S - 3/4" C, COORDINATE LOCATION OF DISCONNECT SWITCH WITH ARCHITECT PRIOR TO RIGGING-IN, INSTALL DISCONNECT SWITCH AT 44' AFF.
6. RISER COMPACTORS START/STOP STATION, PROVIDE CONNECTION TO 120V CONTROL CIRCUIT, MOUNT SWITCH 32" AFF. TO CENTER OF SWITCH TO CLEAR WANSOOT.

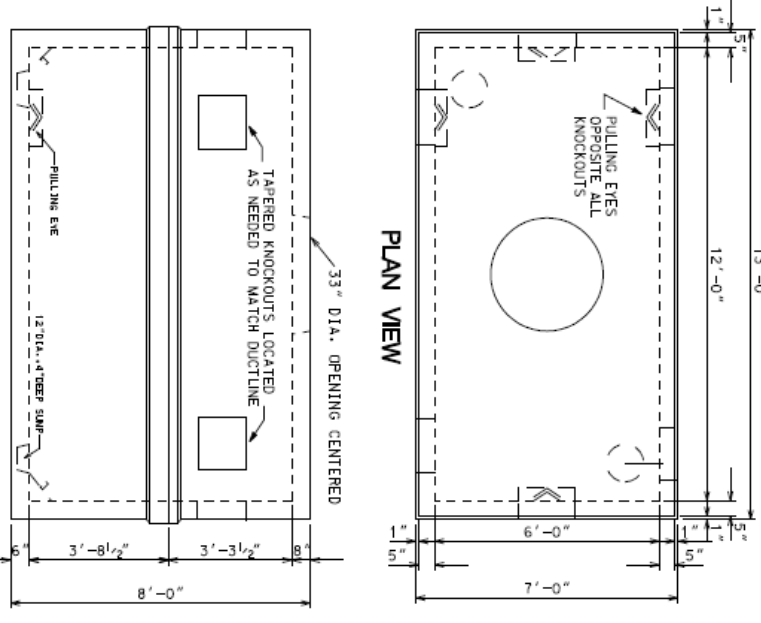
1 SITE PLAN - ELECTRICAL
SCALE: 1"=30'-0"

LIGHTING FIXTURE SCHEDULE

MARK	DESCRIPTION	MOUNTING	VOLTS	LAMPS	REMARKS
1A	(2) EXISTING KAMAQOSKAR WITH 27'-0" POLE, RAM TWIN LUMINAIRE, POLE BASE 3'-0"	POLE MOUNTED	-	2-XXW-SUPER 1-250W-SUPER PER LUMINAIRE	PROVIDE GREY FINISH, PROVIDE POLE WIND RAINING FOR AREA INSTALLED.
1B	(1) HUBBEL MSV-4-HS-FHS WITH 27'-0" POLE, RAM MOUNT (1) HUBBEL MSV-4-HS-FHS WITH 27'-0" POLE, RAM MOUNT	POLE MOUNTED	208	1-250W-SUPER HALIDE POT PER LUMINAIRE	PROVIDE GREY FINISH, PROVIDE POLE WIND RAINING FOR AREA INSTALLED.
2C	(2) TWIN LUMINAIRE, MSS-27-80-3-06-XX POLE BASE 3'-0"	POLE MOUNTED	208	2-250W-SUPER HALIDE PER LUMINAIRE	PROVIDE GREY FINISH, PROVIDE POLE WIND RAINING FOR AREA INSTALLED.

LEGEND

- EOH --- EXISTING OVER HEAD LINE
- EUG --- EXISTING UNDERGROUND PRIMARY SERVICE CONDUITS
- EUG-1/VA --- EXISTING UNDERGROUND TELEPHONE AND FIRE ALARM SERVICE CONDUITS
- EOH-1 --- EXISTING OVER HEAD LINE TO BE REMOVED
- NUG --- NEW UNDERGROUND UTILITY SERVICE CONDUITS (SEE DUCT BANK DETAILS)
- NUG --- NEW UNDERGROUND PRIMARY SERVICE CONDUITS
- E-1 --- NEW SINGLE LUMINAIRE LIGHT POLE
- E-2 --- NEW TWIN LUMINAIRE LIGHT POLE
- E-3 --- NEW AND EXISTING UTILITY POLE
- E-4 --- NEW 12" X 24" X 24" DEEP HANDHOLE FLUSH WITH GRADE
- E-5 --- EXISTING SINGLE LUMINAIRE LIGHT ON UTILITY POLE
- E-6 --- EXISTING TWIN LUMINAIRE LIGHT POLE TO BE REMOVED

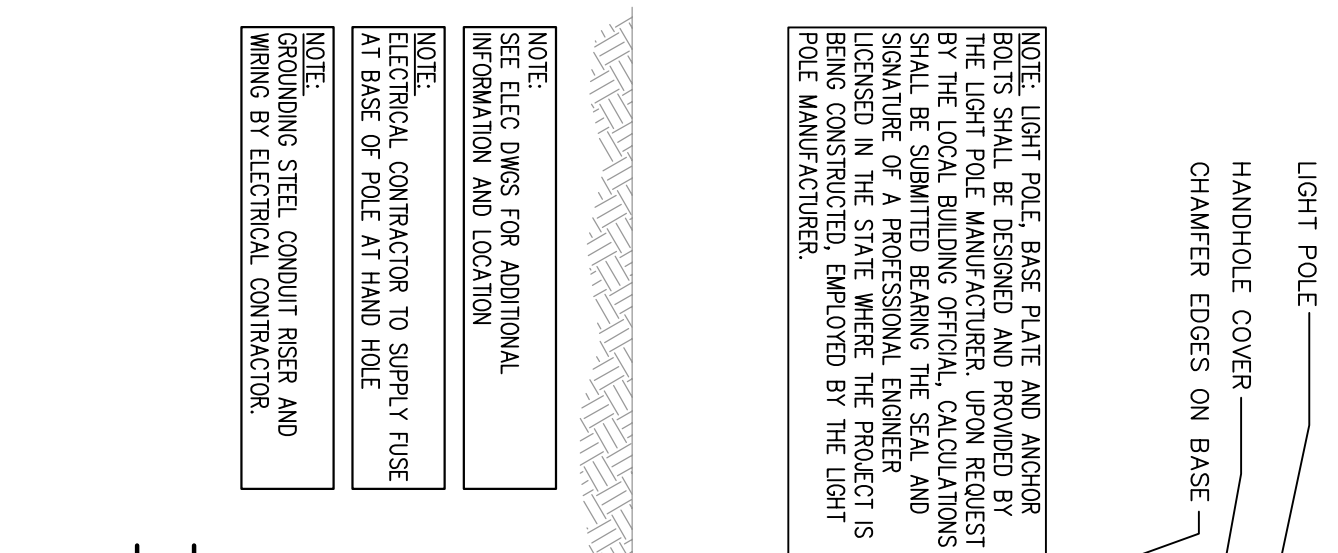


PRIMARY ELECTRIC MANHOLE NOTES:

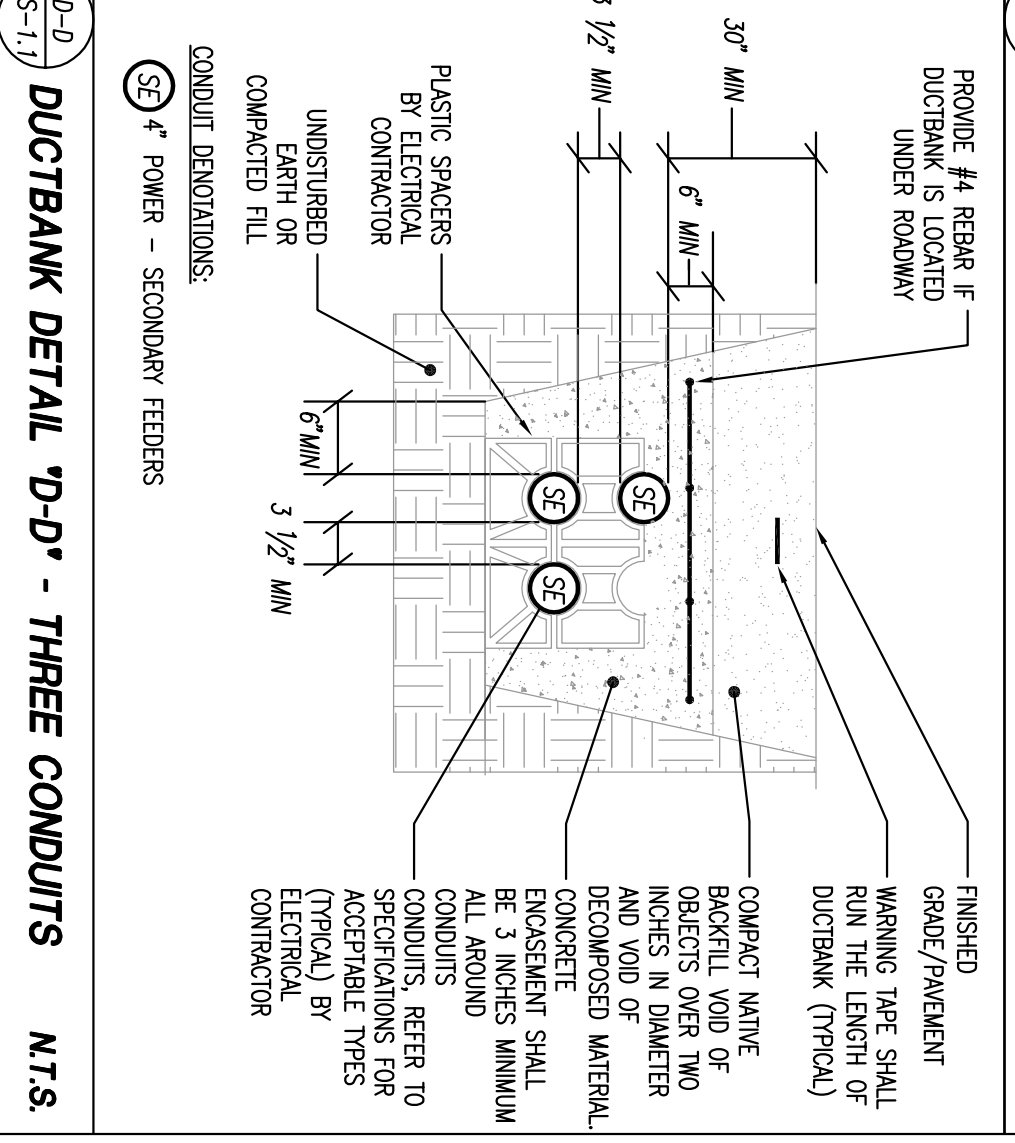
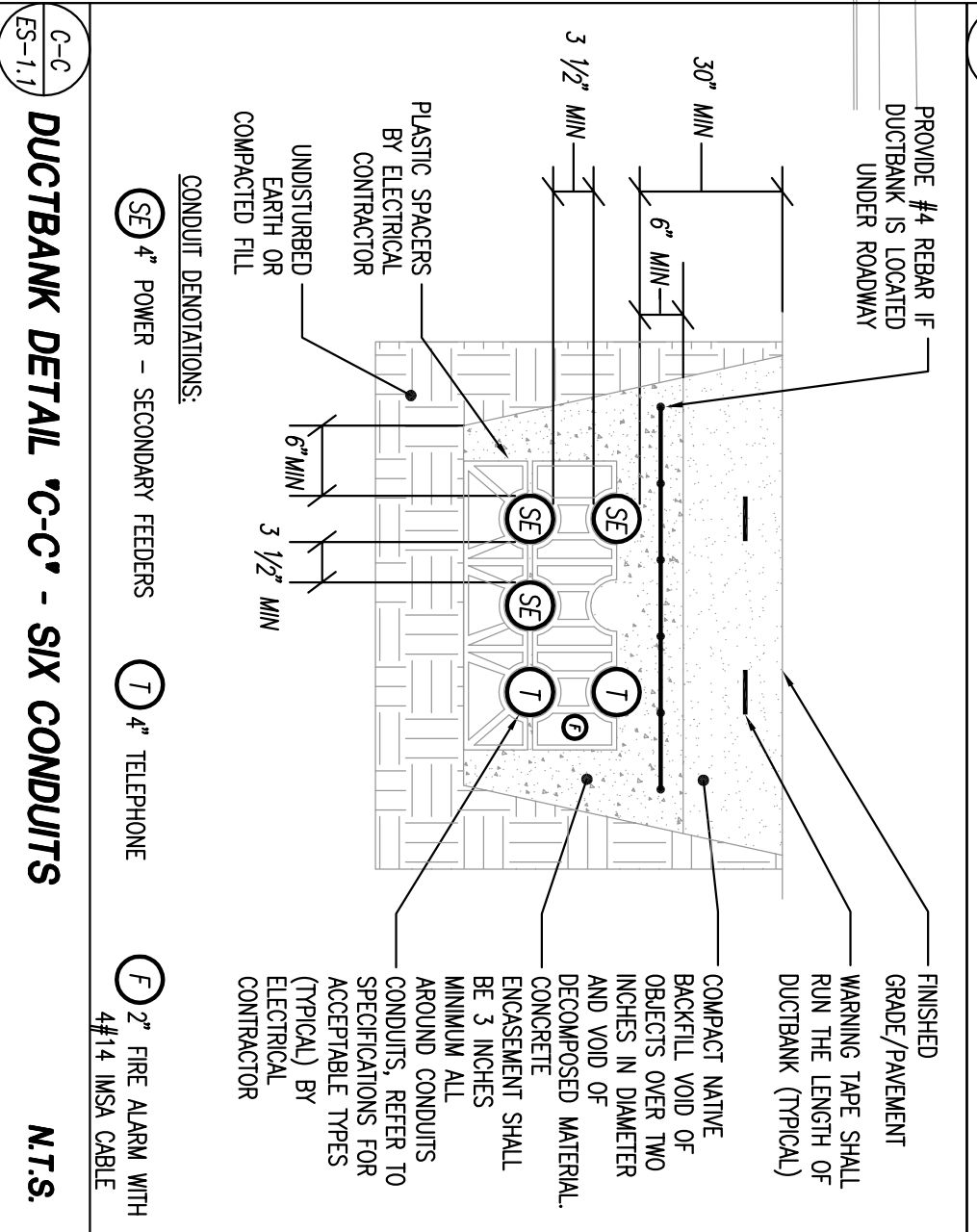
1. MANHOLE SHALL BE DESIGNED TO WITHSTAND 150 LBS. LOADS WITH 6 INCHES OF OVERBURDEN. THE DESIGN SHALL MEET ALL LOCAL AND STATE REQUIREMENTS OF NATIONAL ELECTRICAL SAFETY CODE SECTION 324. PROVIDE SHOP DRAWING STAMPED BY A STATE OF MAINE REGISTERED PROFESSIONAL ENGINEER UPON REQUEST.
2. JOINT SEALED WITH ASPHALT.
3. MOUNTING FOR CABLE RACK ETC. CAST IN WALL BY FURTHER PLANS OR FIELD LOCATED.
4. MANHOLE SHALL BE SET ON SUITABLE GRAVEL BASE.
5. CABLES ARE TO BE RACKED ALONG ONE WALL ONLY.
6. FINISHED AND INSTALLED BY GENERAL CONTRACTOR.

ELECTRICAL DRAWING LIST

DRAWING NO.	DESCRIPTION
ES-1.1	ELECTRICAL - SITE PLAN
E-1.1	ELECTRICAL - LIGHTING FLOOR PLAN
E-1.2	ELECTRICAL - POWER PLAN & LEGEND
E-1.3	ELECTRICAL - PHARMACY & UPPER FLOOR POWER PLANS
E-1.4	ELECTRICAL - TITLO PLAN
E-1.5	ELECTRICAL - DETAILS & RISER DIAGRAM
E-2.1	ELECTRICAL - SCHEDULES & RISER DIAGRAM
E-2.2	ELECTRICAL - NOTES & SWS DIAGRAM
E-2.3	ELECTRICAL - NOTES & SWS DIAGRAM
E-2.4	ELECTRICAL - THE ALARM FLOOR PLANS
PA-1.2	ELECTRICAL - THE ALARM FLOOR PLANS



3 SITE LIGHTING BASE DETAIL
SCALE: 3/4"=1'-0"



- GENERAL SERVICE NOTES:**
- A ALL NEW PRIMARY ELECTRIC SERVICE WORK TO BE DONE PER C.A.P.C. HANDBOOK REQUIREMENTS AND DIRECTIONS IN THE FIELD FOR NEW WORK INDICATED.
 - B ALL NEW TELEPHONE CONDUIT SERVICE WORK TO BE DONE PER LOCAL TELEPHONE TELEPHONE WORK SHOWN IS FOR ESTIMATING ONLY. FINAL WORK TO BE DONE PER LOCAL TELEPHONE COMPANY MEETING.
 - C ALL NEW FIRE ALARM SERVICE WIRE AND CONDUIT WORK TO BE DONE PER PORTLAND FIRE ALARM SERVICE WORK SHOWN IS FOR ESTIMATING ONLY. FINAL WORK TO BE DONE PER PORTLAND FIRE DEPARTMENT MEETING.
 - D EXISTING OVERHEAD LINES AND UTILITY POLES NOTED TO BE REMOVED BY UTILITY COMPANY.
 - E ALL UTILITY COMPANIES AND FIRE DEPARTMENT BACK CHARGES TO BE PAID BY THE GENERAL CONTRACTOR.
 - F ALL UTILITY (POWER AND TELEPHONE CABLES) BY UTILITY COMPANIES.

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DEVELOPER: A & D REALTY, LLC, 5 MILITIA DRIVE, LENINGTON, MA 02421

NEW STORE NUMBER: 329

PHARMACY: CVS/pharmacy

DATE: 8/31/09

DRAWING BY: HYZ

JOB NUMBER: 209017

TITLE: ELECTRICAL SITE PLANS

SHEET NUMBER: ES-1.1

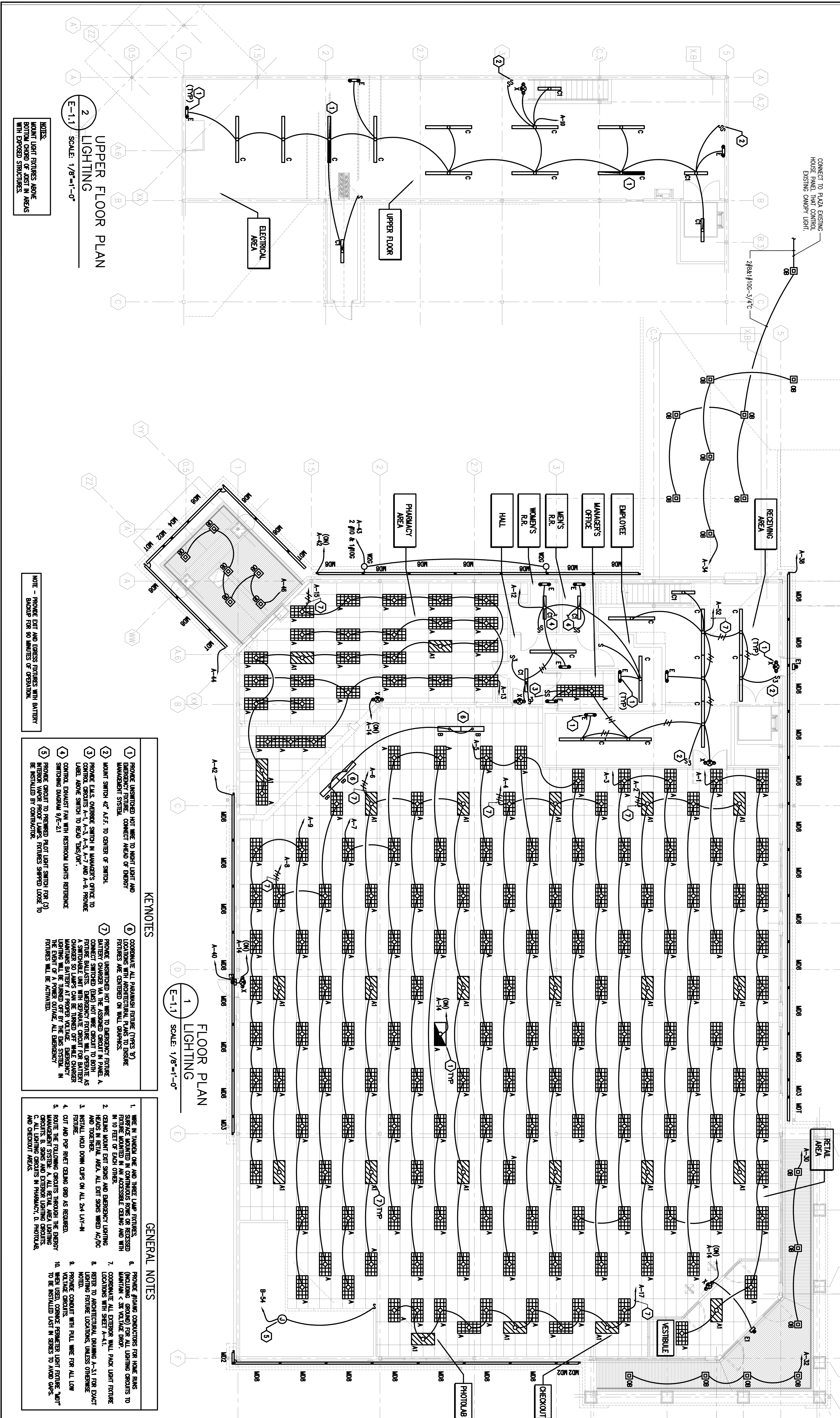
COMMENTS: ISSUED FOR CONSTRUCTION

LIGHTING FIXTURE SCHEDULE

ALL FIXTURES SHALL BE PACKAGED THROUGH WOODBRIDGE-SHOWN CO. (800) 230-1589

REFER TO ELECTRICAL SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS WHICH MAY NOT NECESSARILY BE REFLECTED IN COLUMN NUMBER AND/OR DESCRIPTION IN THIS SCHEDULE. CONTRACTOR CAN VERIFY OTHER REQUIRY OR ALTERNATE LIGHTING PACKAGE AS INDICATED UNDER THE MANUFACTURER COLUMN.

SYMBOL	DESCRIPTION	MANUFACTURER (3) (SEE NOTE 1)	MODELING	VOLT	IN	LUMENS	BALLAST	REMARKS/NOTES
A	24 RECESSED PARABOLIC	LITHONIA/250P 232 1/2 OZONE SHIELDING MANT	RECESSED	120	63	2-102/835/95/520	1-400K2070/AM 82-SC	NON-ENERGY TO FINISHES WITH BALLAST
AI	24 RECESSED PARABOLIC	LITHONIA/250P 232 1/2 OZONE SHIELDING MANT-EL14	RECESSED	120	63	2-102/835/95/520	1-400K2070/AM 82-SC	NON-ENERGY TO FINISHES WITH BALLAST
B	RECESSED WALL WASH 4"	LITHONIA/WM 0 2 32 REL. OZONE UPHOLDERS	RECESSED	120	63	2-102/835/95/520	1-400K2070/AM 82-SC	NON-ENERGY TO FINISHES WITH BALLAST
C	4 SHIP	1. LITHONIA/2 2 32 UNLT. ORIGINAL 2. LITHONIA/OS-018-232-120V-000000 3. LITHONIA/OS-018-120V-000000	SHIP	120	63	2-102/835/95/520	1-400K2070/AM 82-SC	NON-ENERGY TO FINISHES WITH BALLAST
CI	4 SHIP	1. LITHONIA/2 2 32 UNLT. ORIGINAL 2. LITHONIA/OS-018-232-120V-000000 3. LITHONIA/OS-018-120V-000000	SHIP	120	63	2-102/835/95/520	1-400K2070/AM 82-SC	NON-ENERGY TO FINISHES WITH BALLAST
E	RECESSED LIGHT	1. LITHONIA/EA 8 W. MK. HODGE 2. SHENZHEN/OS-018-120V-000000	RECESSED WALL	120	9	INCLUDED WITH LAMP	1-400K2070/AM 82-SC	NON-ENERGY TO FINISHES WITH BALLAST
MI	1" PENDANT	1. SPECTROLUM BY 10294 120 AMP. US. 835 MANT 2. SPECTROLUM BY 10294 120 AMP. US. 835 MANT	SURFACE	120	28	1-1200/835	1-400K2070/AM 82-SC	NON-ENERGY TO FINISHES WITH BALLAST
MH	MOUNT LIGHT							



UPPER FLOOR PLAN LIGHTING

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

NOTES:
MOUNT LIGHT FIXTURES ABOVE BOTTOM CORNER OF CASES IN AREAS WITH EXPOSED STRUCTURES.

FLOOR PLAN LIGHTING

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

KEYNOTES:
 1 PROVIDE UNSWITCHED HOT WIRE TO NIGHT LIGHT AND EMERGENCY FEATURE. CONNECT ABOVE OF EMERGENCY MANAGEMENT SYSTEM.
 2 MOUNT SWITCH 42" AFF. TO CENTER OF SWITCH.
 3 PROVIDE EALS OVERHEAD SWITCH IN MANAGER'S OFFICE TO CONTROL CIRCUITS A-1, A-2, A-3, A-4, A-7 AND A-8. PROVIDE LABEL ABOVE SWITCH TO READ "EALS/ON".
 4 CONTROL EXHAUST FAN WITH RESTROOM LIGHTS REFERENCE SWITCHING DIAGRAM 9/E-21.
 5 PROVIDE CIRCUIT TO PREPARED PLOT LIGHT SWITCH FOR (3) INTERIOR WARD PROOF LAMPS. FIXTURES SHIPPED LOSSES TO BE INSTALLED BY CONTRACTOR.

GENERAL NOTES

- WIRE IN TUBING ONE AND THREE LAMP FIXTURES. SURFACE MOUNTED IN CONDUITS OR RINGS OR RECESSED IN TOE OF EACH OTHER.
- CEILING MOUNT OUT SINGS AND EMERGENCY LIGHTING HEADS IN RETAIL AREA. ALL EXIT SIGNS WERE A/C/O.
- INSTALL HOOD DOWN CURS ON ALL 24 LAV-IN.
- CUT AND POP RING CEILING GRID AS REQUIRED.
- ROUTE THE FOLLOWING CIRCUITS THROUGH THE EMERGENCY MANAGEMENT SYSTEM: A. ALL RETAIL AREA LIGHTING CIRCUITS. B. SIGNS AND EXTERIOR LIGHTING CIRCUITS. C. ALL PHOTO LAB LIGHTING CIRCUITS. D. PHOTO LABS.
- PROVIDE ALL PHARMACY FIXTURES (TYPES 3) LOCATIONS WITH ARCHITECTURAL PLANS TO ENSURE FIXTURES ARE CENTERED ON WALL GRAPHS.
- PROVIDE UNSWITCHED HOT WIRE TO EMERGENCY FEATURE. CONNECT CHANGER VIA THE ASSIGNED CIRCUIT IN PANEL A.
- PROVIDE EALS OVERHEAD SWITCH IN MANAGER'S OFFICE TO CONTROL CIRCUITS A-1, A-2, A-3, A-4, A-7 AND A-8. PROVIDE LABEL ABOVE SWITCH TO READ "EALS/ON".
- CONTROL EXHAUST FAN WITH RESTROOM LIGHTS REFERENCE SWITCHING DIAGRAM 9/E-21.
- PROVIDE CIRCUIT TO PREPARED PLOT LIGHT SWITCH FOR (3) INTERIOR WARD PROOF LAMPS. FIXTURES SHIPPED LOSSES TO BE INSTALLED BY CONTRACTOR.

DATE: 8/31/09
 DRAWING BY: HYZ
 JOB NUMBER: 209017
 TITLE: LIGHTING FLOOR PLANS
 SHEET NUMBER: E-1.1

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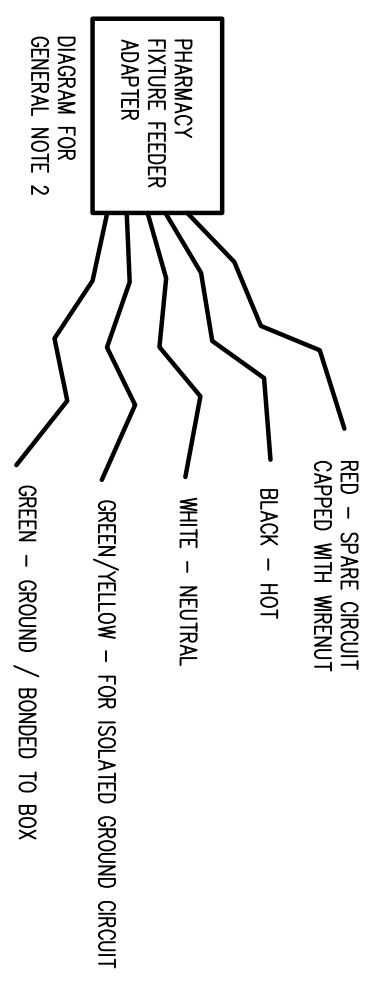
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ELECTRICAL LEGEND NOTES (POWER PLAN):

- (P1) PROVIDE JUNCTION BOX MOUNTED ABOVE CEILING WITH FEEDER ADAPTER FOR CONNECTION TO CENTER ISLAND WIRING CHASE.
- (P2) PROVIDE JUNCTION BOX MOUNTED ABOVE CEILING WITH FEEDER ADAPTER FOR CONNECTION TO CENTER ISLAND CONNECTION TO VENDOR PROVIDED CABINETS. RE: 5/E-1.3.
- (P3) PROVIDE (2) DUREX OUTLET SHACKLES, ONE AT 1'-3" AFF AND ONE 1'-9" AFF FOR 816-890 INTERSPACE BOX WIRING CHASE.
- (P4) PROVIDE JUNCTION BOX MOUNTED ABOVE CEILING WITH FEEDER ADAPTER FOR CONNECTION TO PULL COILER WIRING CHASE.
- (P5) PROVIDE JUNCTION BOX ABOVE CEILING FOR CONNECTION TO ROLL-UP DOOR, COORDINATE WITH EQUIPMENT AND WIRE CONTROLS COMPLETE.
- (P6) MOUNT ROLL-UP DOOR CONTROLS 48" AFF AND WIRE COMPLETE. PROVIDE THREE SWITCHES, ONE FOR EACH ELECTRIC ROLL-UP DOOR.
- (P7) PROVIDE 3 - 3/4" CONDUIT FOR PNEUMATIC TUBE CONTROLS AND POWER AT 4" AFF (UON). REIMBURSE THRU CONDUIT LAYOUT ON E-2.1.
- (P8) PROVIDE JUNCTION BOX MOUNTED AT 8" AFF (UON) WITH A CLEAR DISTRIBUTION CABLE CONNECTOR FOR CONNECTION TO VENDOR PROVIDED CABINETS. RE: 5/E-1.3.
- (P9) PROVIDE 3/4" CONDUITS FOR UPS CIRCUITRY, HARD WIRED IN THE FIELD TO ACCEPT UNWIB CABLES. RE: 4/E-1.3 CONNECTIONS.
- (P10) PROVIDE 1-1" CONDUIT AT 8" AFF (UON) WITH A PURGE DISTRIBUTION CABLE CONNECTOR FOR CONNECTION TO VENDOR PROVIDED CABINETS. RE: 5/E-1.3.
- (P11) PROVIDE (3) JUNCTION BOXES AT 12" AFF (UON) W/ 2 - 1" CONDUITS WITH PULL STRING TO ABOVE PHARMACY CEILING.
- (P12) PROVIDE DUREX OUTLET AT 12" AFF FOR ESTS ARE TO POWER SUPPLY.
- (P13) PROVIDE NEUA US-336 "NIST" LOOK RECEPTACLE IN CAVITY ABOVE DRIVE-UP ISLAND FOR EAST ARE TO BLOWER PACKAGE.
- (P14) WALL MOUNT DUREX RECEPTACLE AND JUNCTION BOX 84" AFF WITH 3/4" C TO 6" ABOVE CEILING FOR FUTURE CAVY OUTLET.
- (P15) REIMBURSE COOLER OUTLET. PROVIDE DUREX OUTLET MOUNTED 18" AFF.
- (P16) PROVIDE DUREX AT 18" AFF FOR BLOOD PRESSURE MACHINE AND FUTURE CUSTOMER ACCESS CONDUIT.
- (P17) PROVIDE JUNCTION BOX AND CONDUIT FOR VERTICAL LEFT DISTRIBUTION STATION COORDINATE WITH EQUIPMENT INSULATOR PRIOR TO ANY WORK.
- (P18) PROVIDE JUNCTION BOX AND CONDUIT FOR VERTICAL LEFT MOTOR CONTROL BOX COORDINATE WITH EQUIPMENT INSULATOR PRIOR TO ANY WORK.
- (P19) PROVIDE 30A/2P/NE DISCONNECT SWITCH. CONNECT TO VERTICAL LEFT (208V/2P, 5 HP), COORDINATE EXACT LOCATION AND ELECTRICAL REQUIREMENTS WITH EQUIPMENT INSTALLER PRIOR TO ANY WORK.



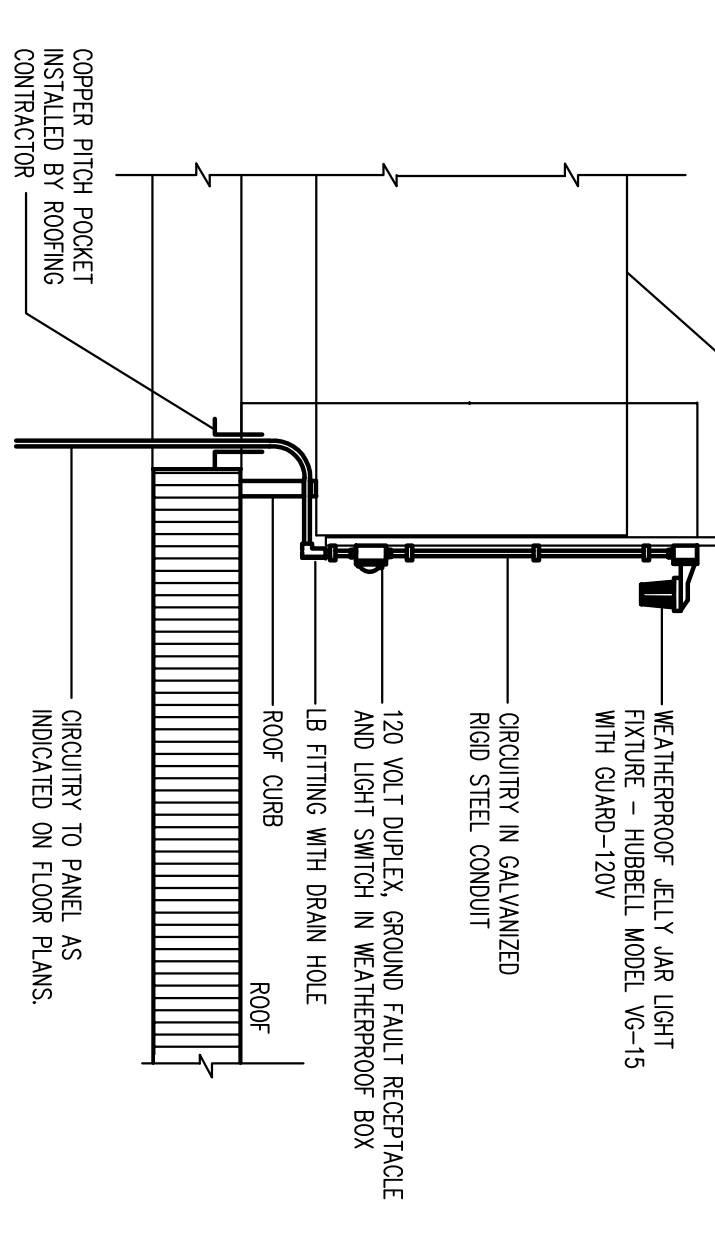
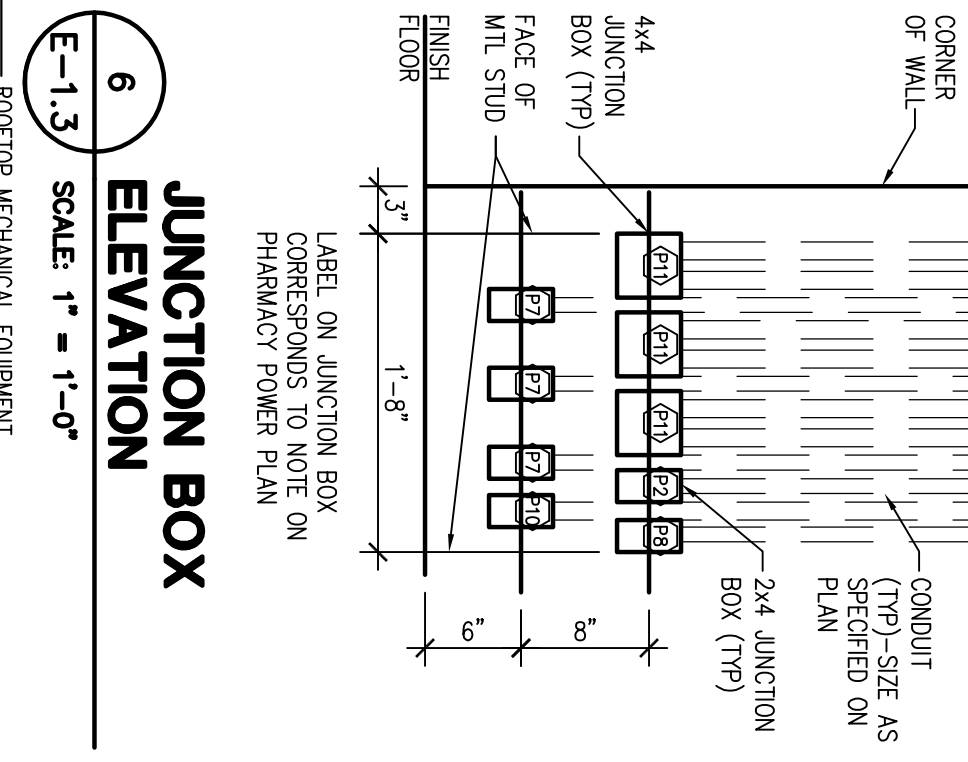
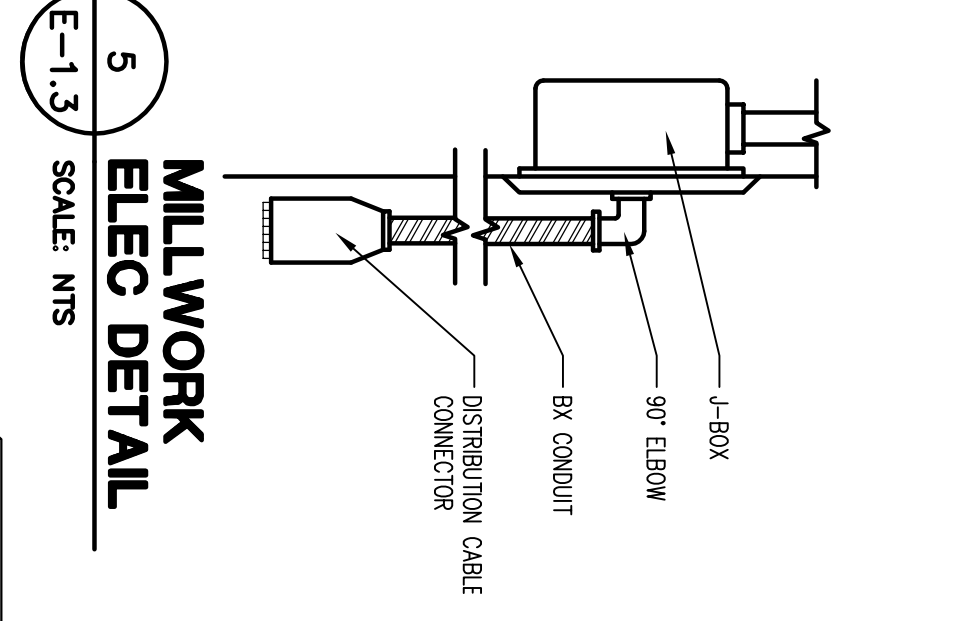
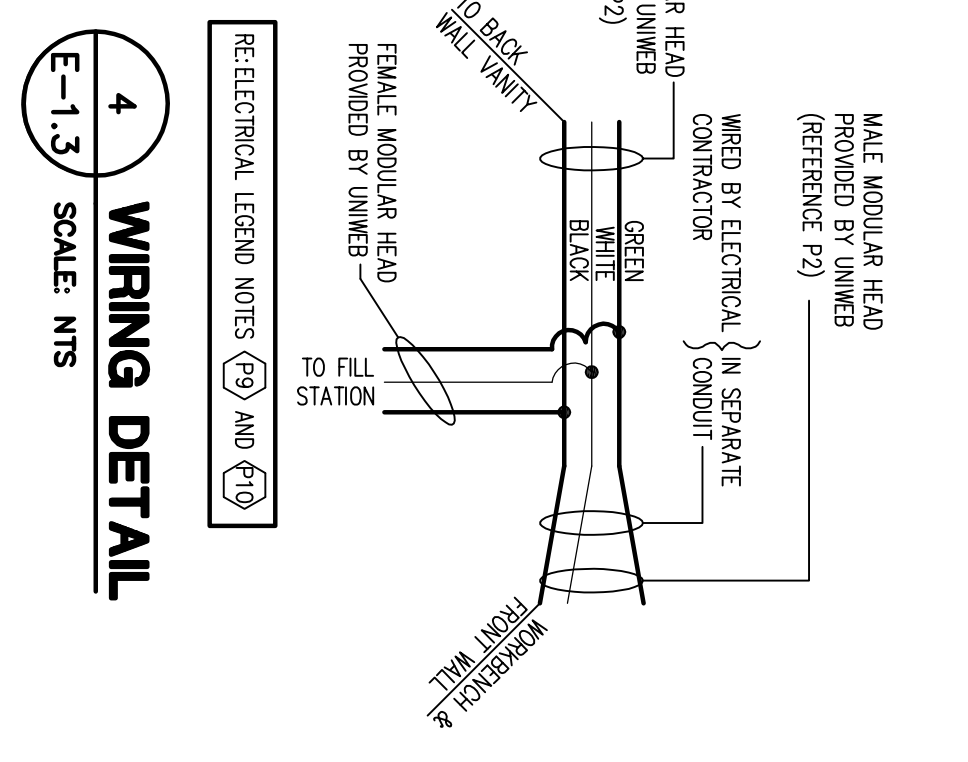
SYMBOL LEGEND (THIS SHEET ONLY)

SYMBOL	DESCRIPTION	WIRING HEIGHT
○	CABLE STUD AT CHECKOUT	
○	DUREX RECEPTACLE OUTLET	18" A.F.F.
○	GROUND FAULT CIRCUIT INTERRUPTER THE RECEPTACLE	18" A.F.F.
○	SPECIAL RECEPTACLE OUTLET AS NOTED	
△	SPECIAL OUTLET FOR USE WITH 816-890 AUDIO STEEL WIRE* LOCATION AS NOTED	18" A.F.F.
△	DATA	
(XX)	REFER TO ELECTRICAL NOTES	

LOOKING HEAVY IS FOR PRE-FABRICATED CONNECTIONS TO BE MADE BY THE CONTRACTOR.

NOTE: UNLESS OTHERWISE NOTED ALL OUTLETS & J-BOXES TO BE LOCATED 18" AFF. RECEPTACLES TO BE LOCATED #282-50 (TYPICAL) REFER ELECTRICAL NOTES TO VERIFY CONDITIONS FOR ELECTRICAL LEGEND.

- GENERAL NOTES (PHARMACY AREA):**
- INSTALL ALL TELEPHONE OUTLETS AT 4'-6" AFF. UNLESS OTHERWISE NOTED.
 - PHARMACY FIXTURES COME WIRED PER THIS DRAWING.
 - PROVIDE FUTURE USE JUNCTION BOXES WITH BLANK CONDUITS.
 - ROUTE ELECTRICAL WIRE AND FEEDER CONDUITS THROUGH PRE-FABRICATED CONNECTIONS THROUGH THE WALLS AND FLOOR PANELS. DO NOT DRILL THROUGH PANELS FOR ANY REASON.



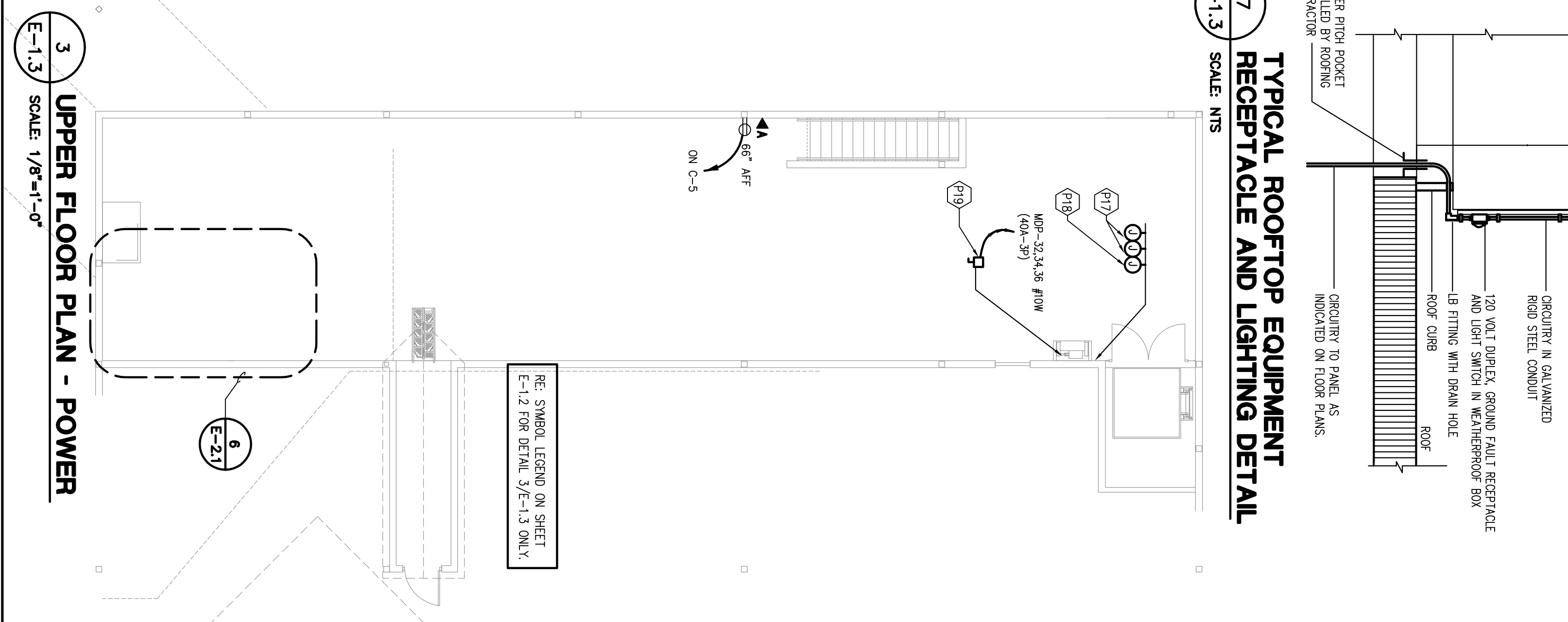
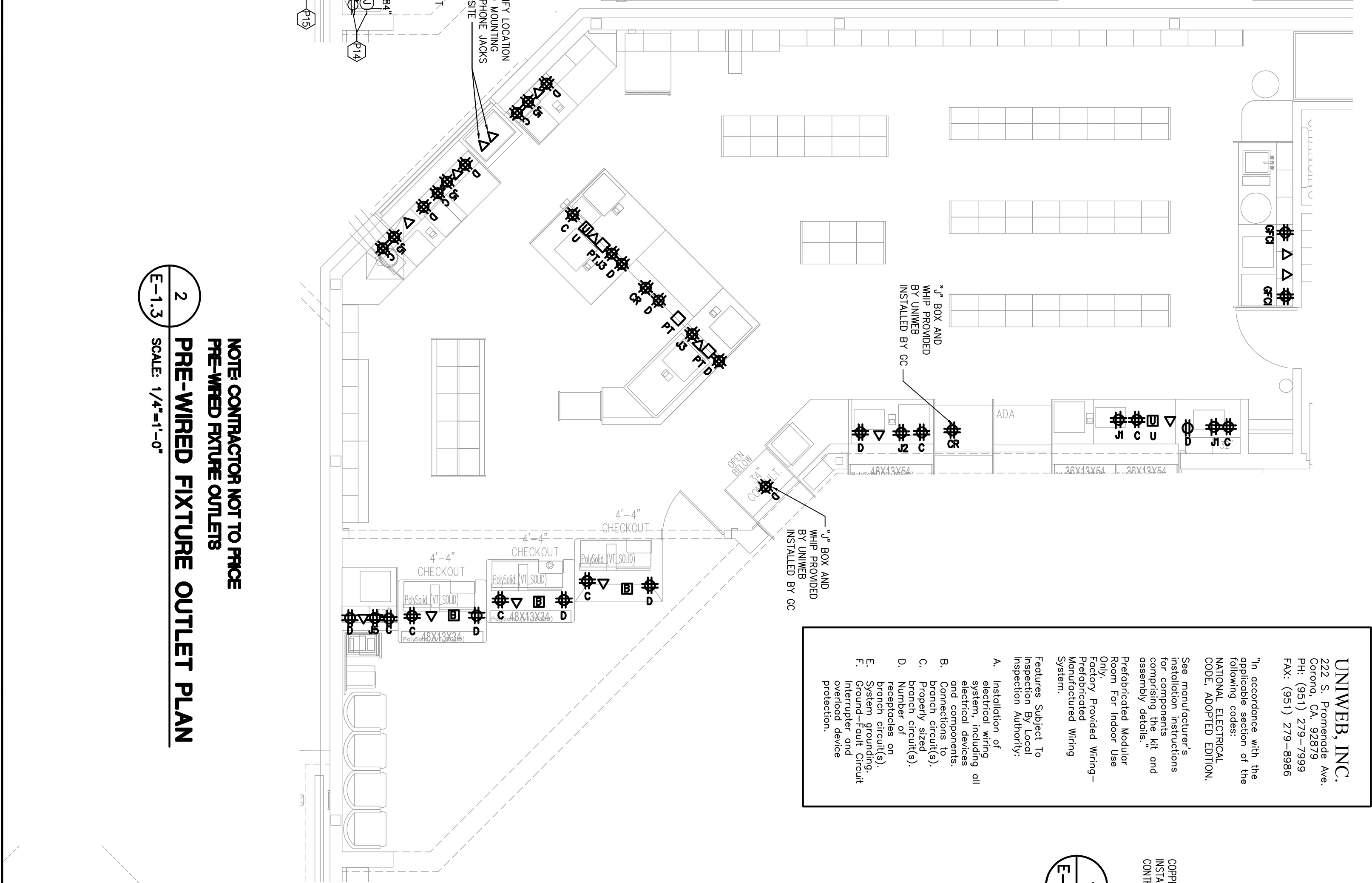
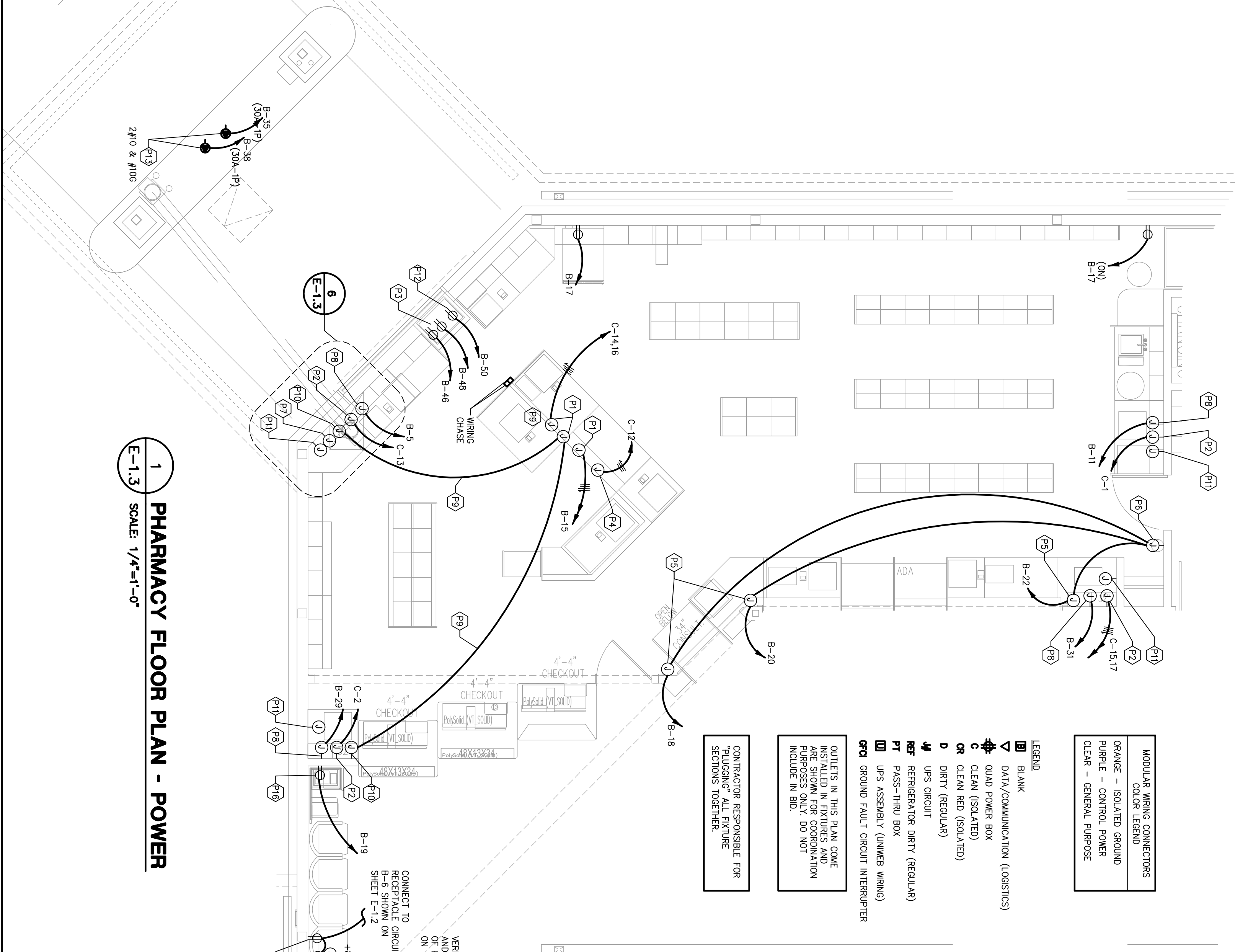
- MODULES WIRING CONNECTORS**
- COLOR LEGEND**
- ORANGE - ISOLATED GROUND
 - PURPLE - CONTROL POWER
 - CLEAR - GENERAL PURPOSE
- LEGEND**
- BLANK
 - ▽ DATA/COMMUNICATION (COAXIALS)
 - QUAD POWER BOX
 - CLEAN (ISOLATED)
 - OR CLEAN RED (ISOLATED)
 - D DIRTY (REGULAR)
 - UPS CIRCUIT
 - REFRIGERATOR DIRTY (REGULAR)
 - PASS-THRU BOX
 - UPS ASSEMBLY (UNWIB WIRING)
 - UPS ASSEMBLY (UNWIB WIRING)
 - GFCI GROUND FAULT CIRCUIT INTERRUPTER
- OUTLETS IN THIS PLAN COME INSTALLED IN FIXTURES AND PIPES. ONLY DO NOT INCLUDE IN BID.**
- CONTRACTOR RESPONSIBLE FOR "PLUGGING" ALL FIXTURE SECTIONS TOGETHER.**

UNWIB, INC.
222 S. Pennington Ave.
Corona, CA 92679
PH: (951) 279-7999
FAX: (951) 279-8986

"In accordance with the following codes:
NATIONAL ELECTRICAL CODE, ADAPTED EDITION.
See manufacturer's installation instructions for proper installation and assembly details."
Prefabricated Modular Room For Indoor Use
Factory Provided Wiring-Premanufactured Wiring System.

Features Subject to:
A. Installation of electrical wiring system, including all electrical conductors and devices.
B. Connections to branch circuit(s).
C. Number of branch circuit(s).
D. Number of branch circuit(s).
E. System grounding.
F. Interference and overvoltage device protection.

*"J" BOX AND WHIP PROVIDED BY UNWIB
*WHIP PROVIDED BY GC
*J BOX AND WHIP INSTALLED BY GC



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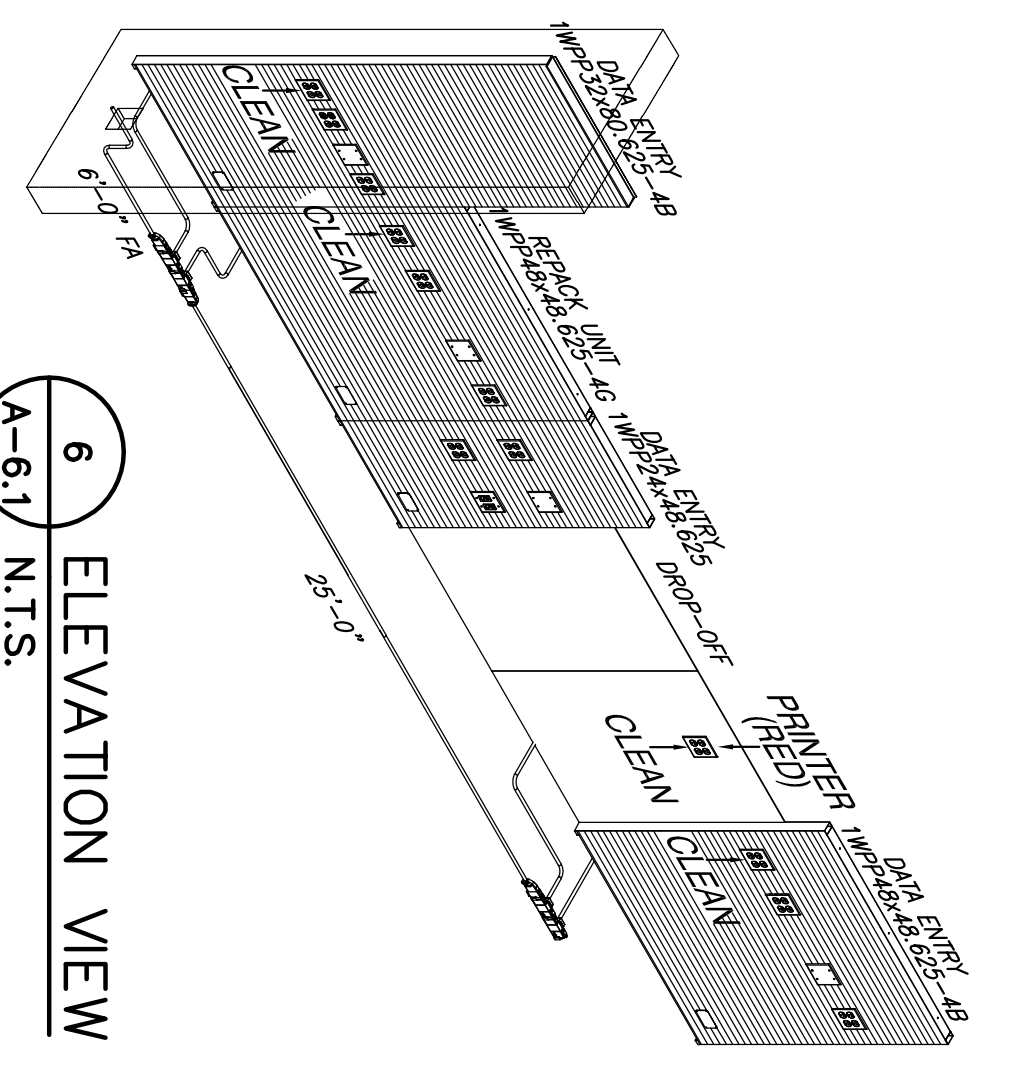
pharmacy

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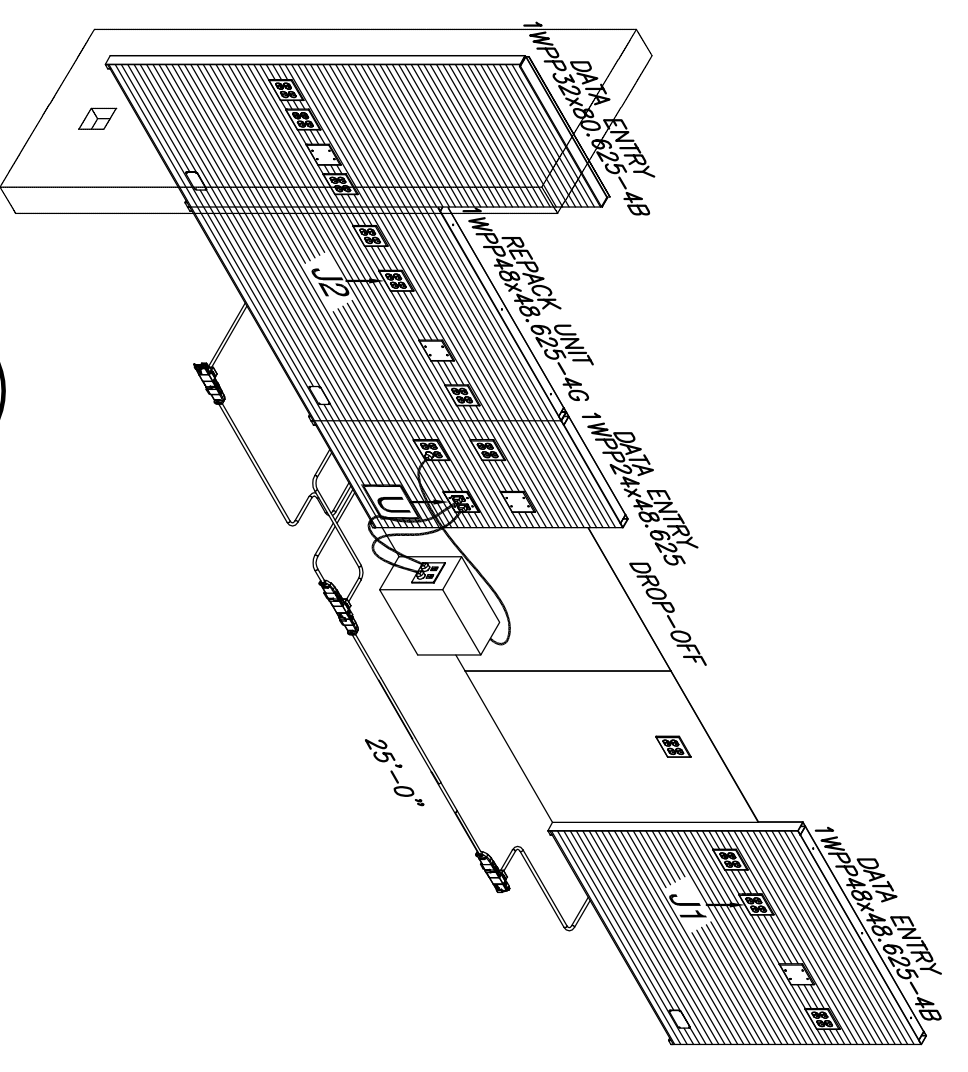
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DRAWING BY: HYZ
DATE: 8/31/09
JOB NUMBER: 209017
TITLE: PHARMACY AND UPPER FLOOR POWER PLANS
SHEET NUMBER: E-1.3

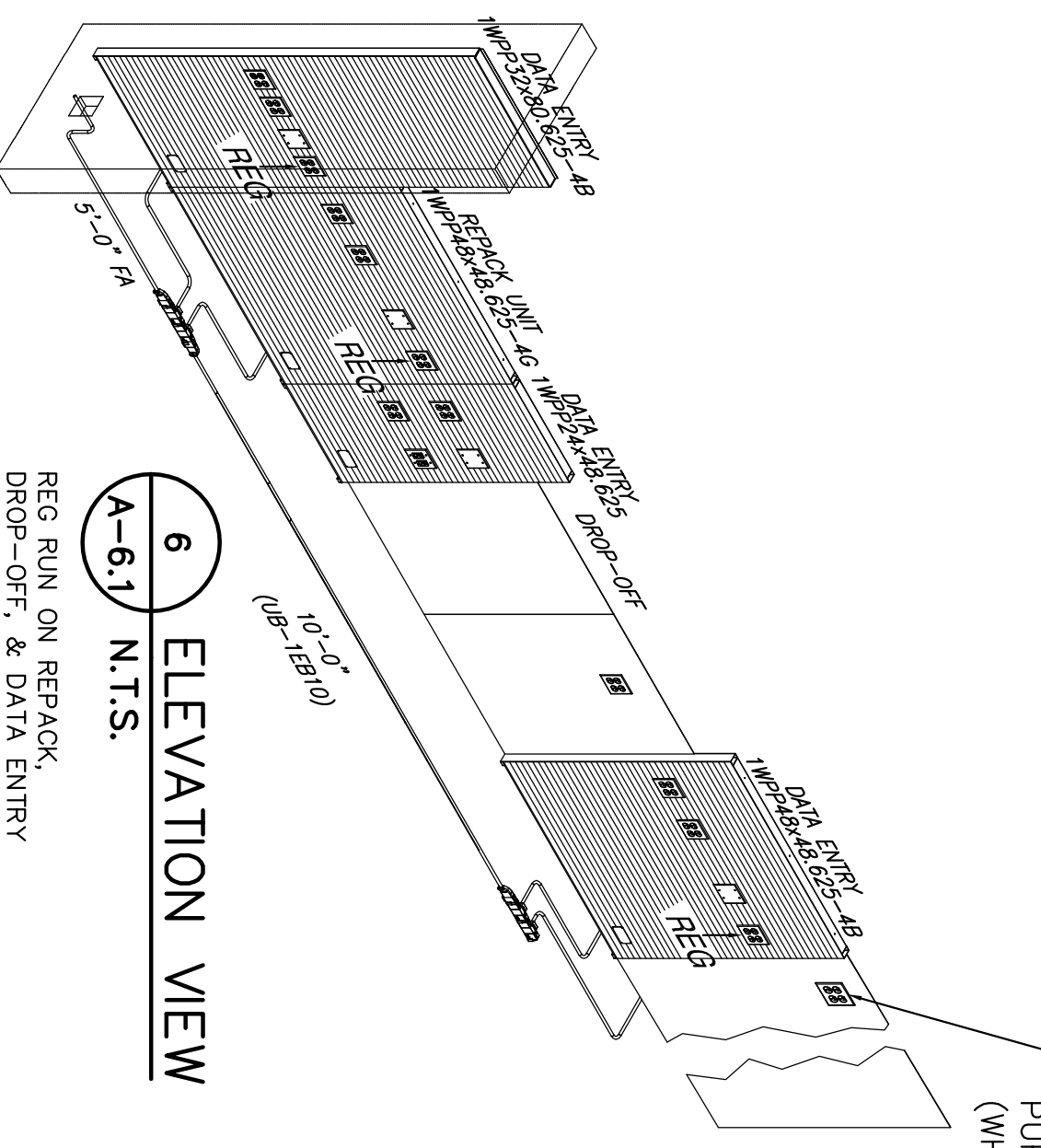
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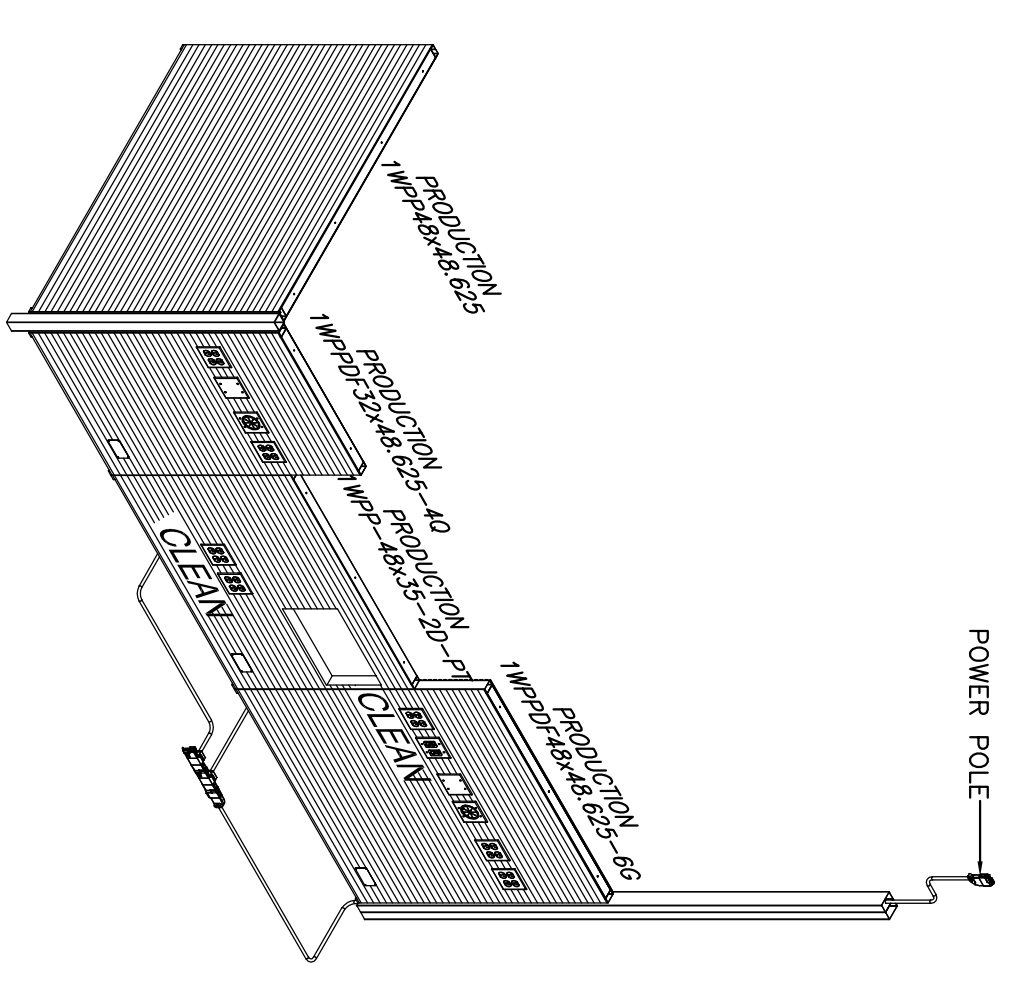
6 ELEVATION VIEW
A-6.1 N.T.S.
CLEAN RUN ON REPACK,
DROP-OFF, & DATA ENTRY



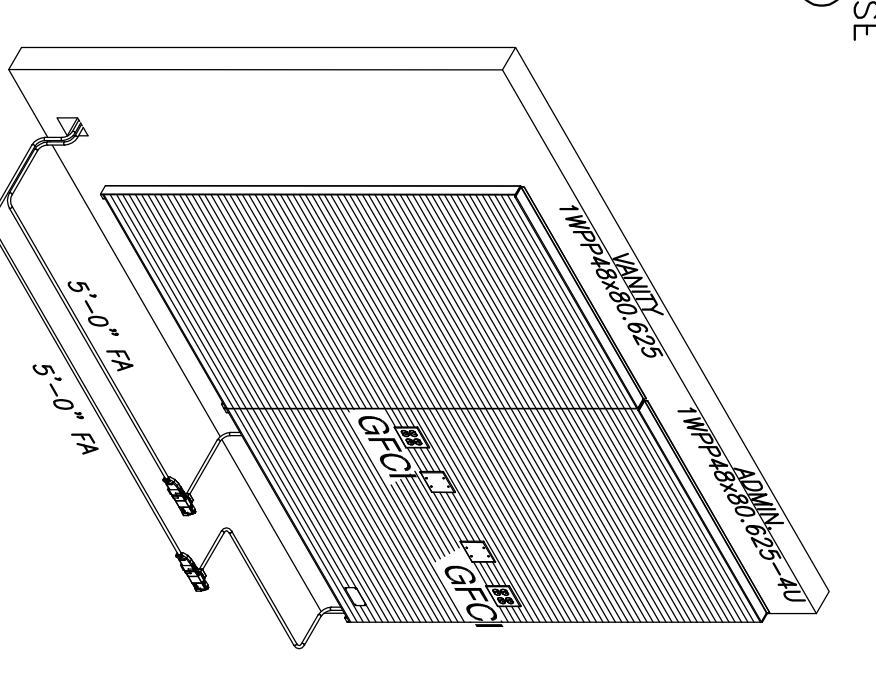
6 ELEVATION VIEW
A-6.1 N.T.S.
J1 & J2 RUN ON REPACK,
DROP-OFF, & DATA ENTRY



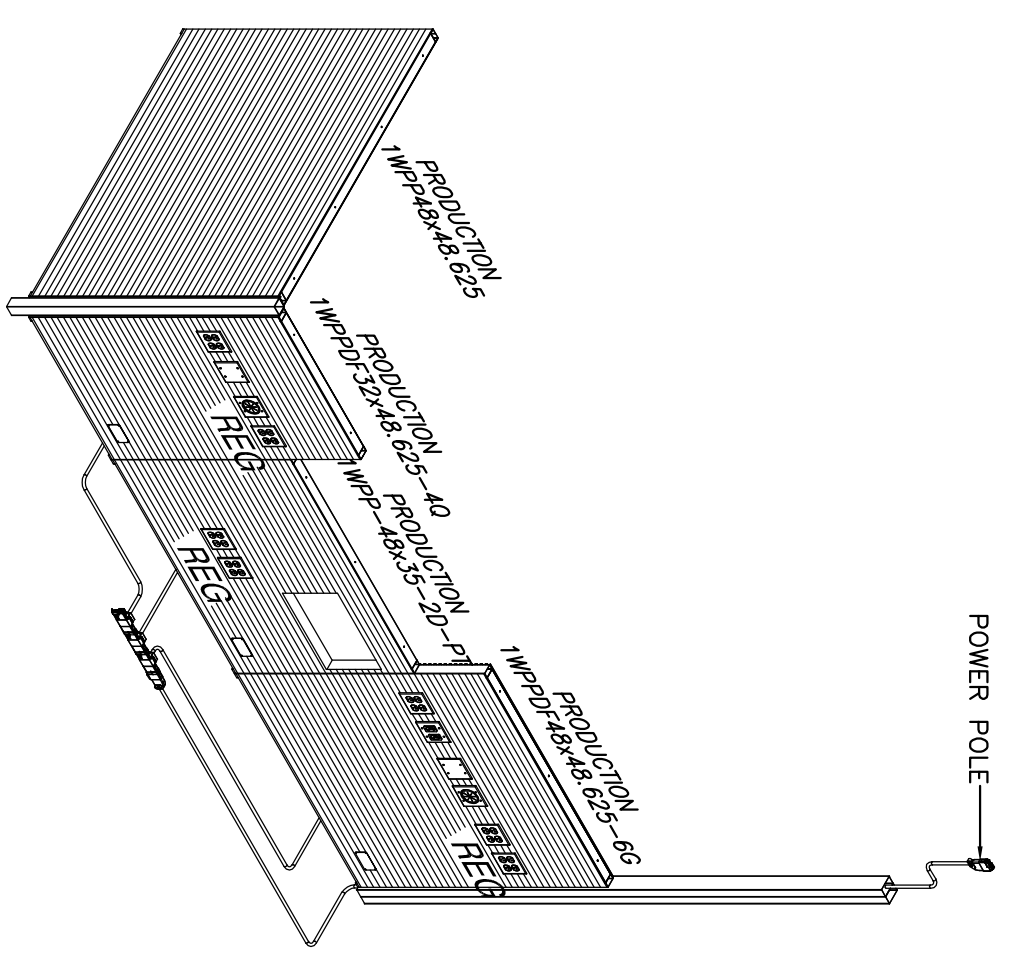
6 ELEVATION VIEW
A-6.1 N.T.S.
REG RUN ON REPACK,
DROP-OFF, & DATA ENTRY



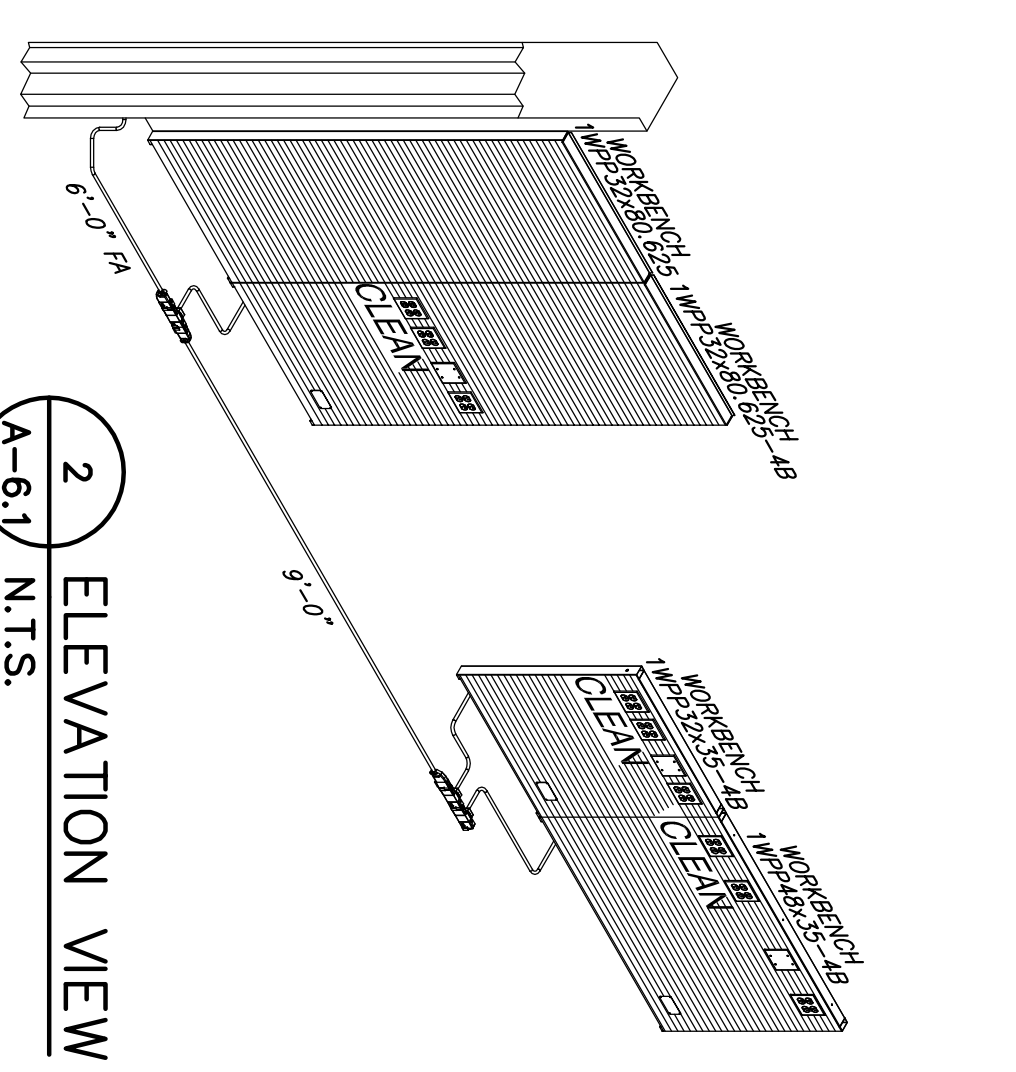
5 ELEVATION VIEW
A-6.1 N.T.S.
CLEAN RUN ON FILL SIDE
OF FILL STATION



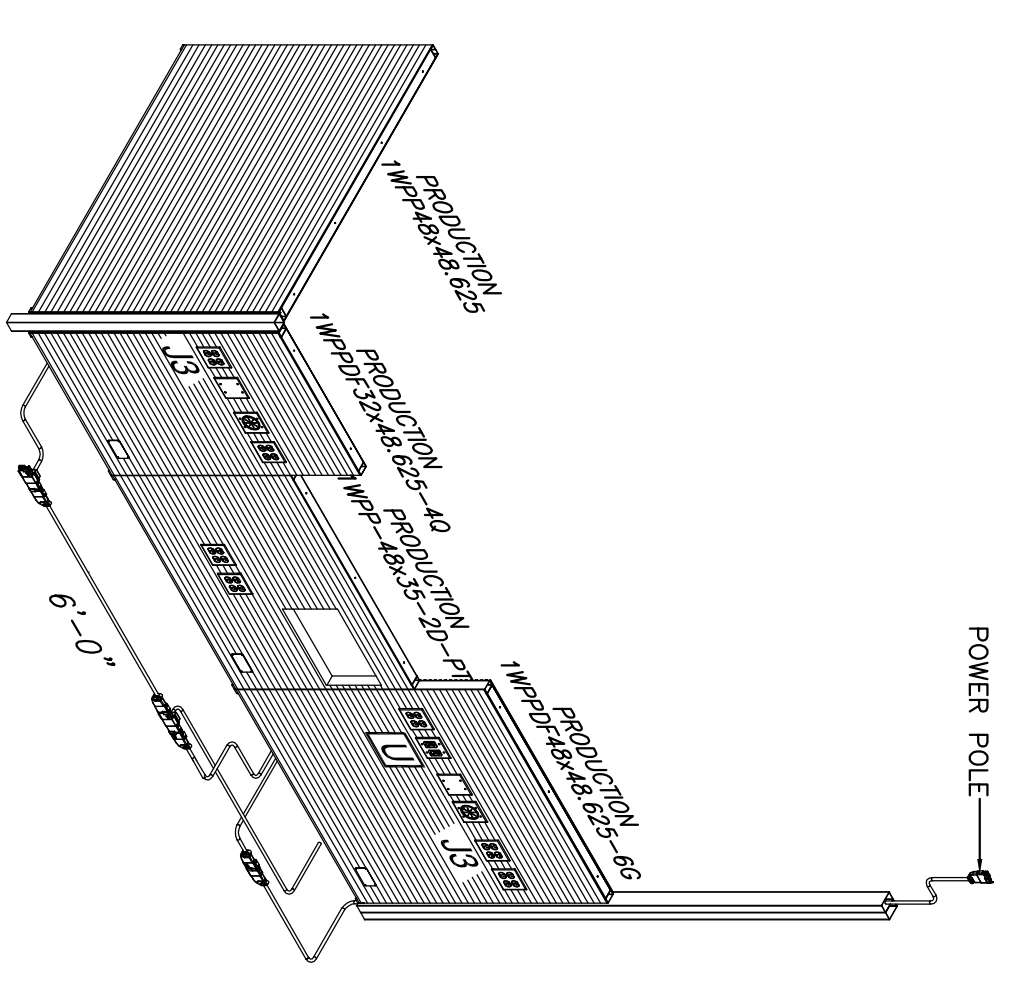
7 ELEVATION VIEW
A-6.1 N.T.S.
GFCI RUN ON ADMIN & VANITY



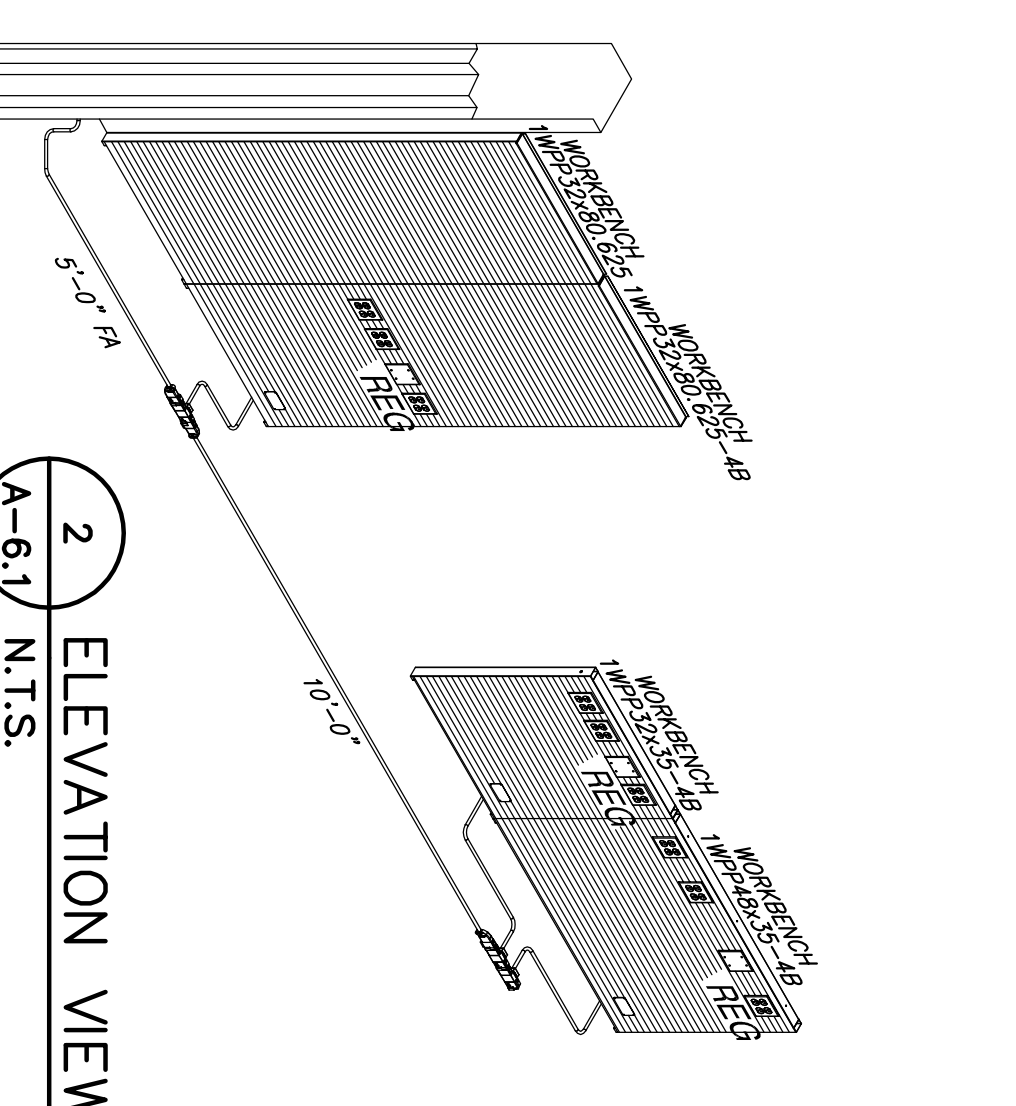
5 ELEVATION VIEW
A-6.1 N.T.S.
REG RUN ON FILL SIDE
OF FILL STATION



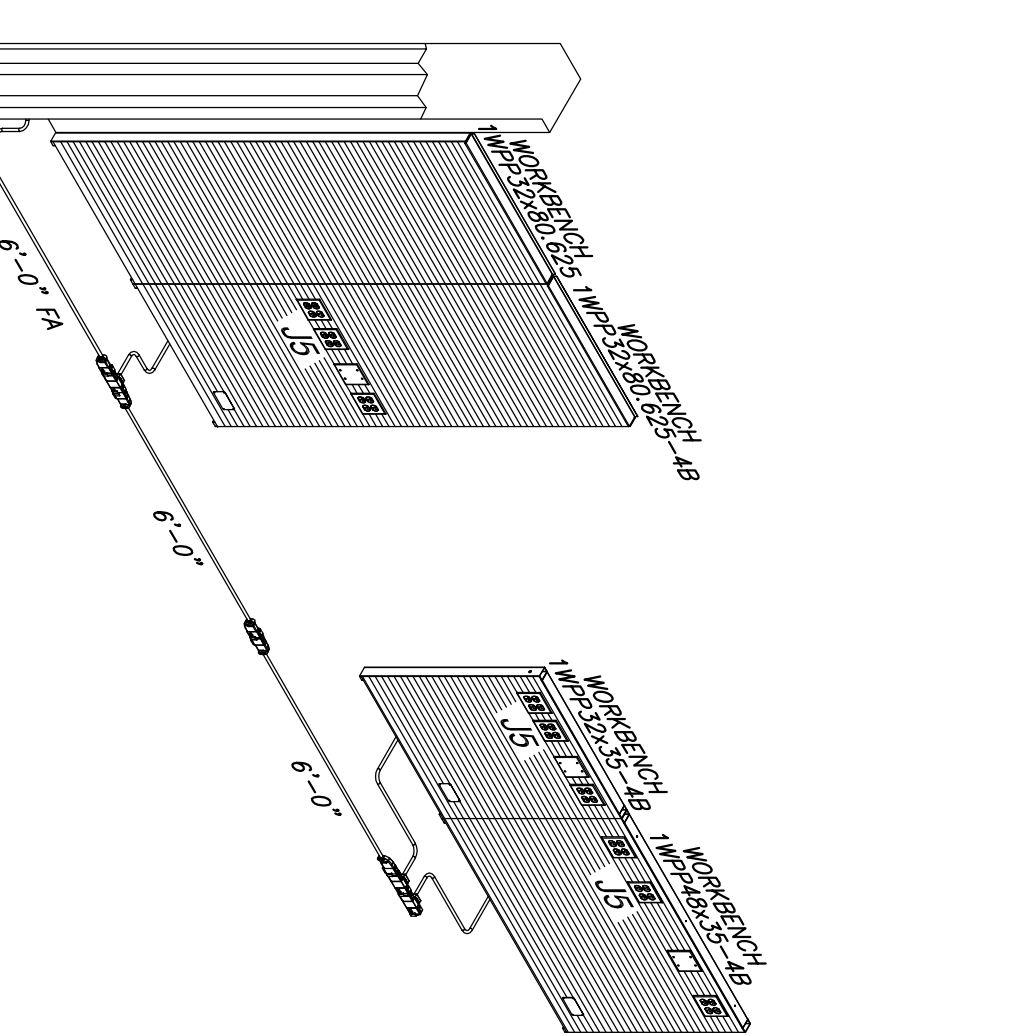
2 ELEVATION VIEW
A-6.1 N.T.S.
CLEAN RUN ON WORKBENCH



5 ELEVATION VIEW
A-6.1 N.T.S.
J5 & J3 RUN ON FILL
SIDE OF FILL STATION

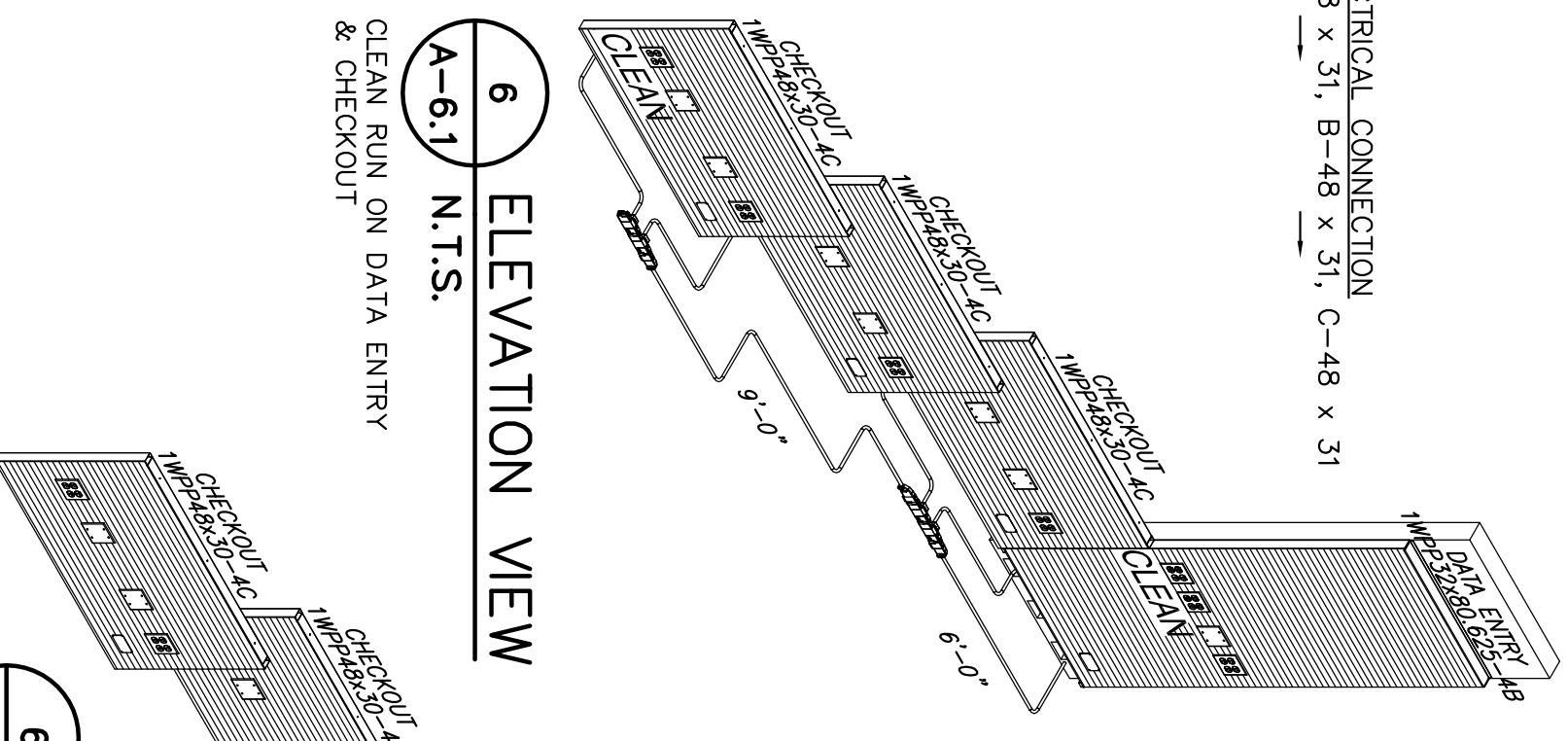


2 ELEVATION VIEW
A-6.1 N.T.S.
REG RUN ON WORKBENCH

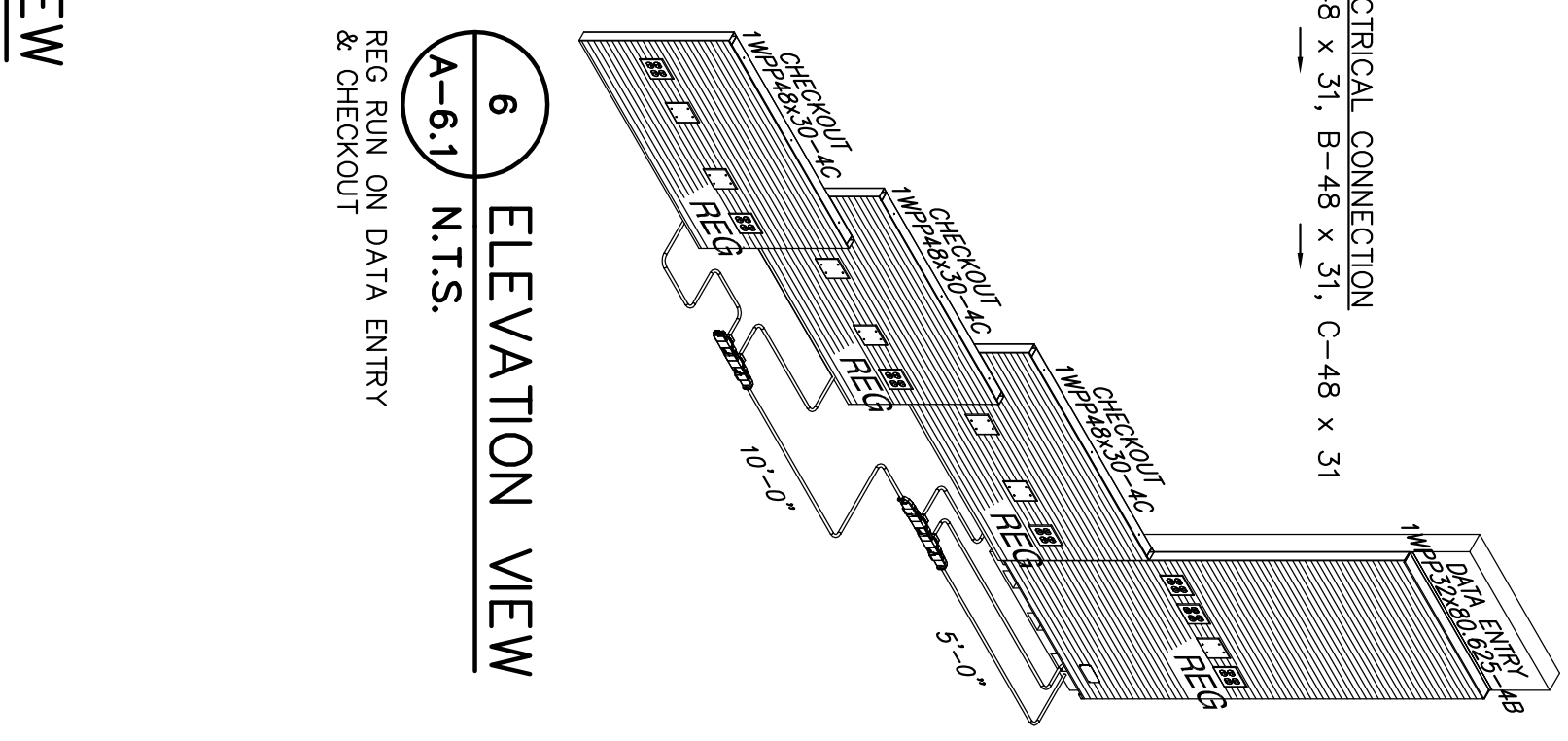


2 ELEVATION VIEW
A-6.1 N.T.S.
"J" & "J5" RUN ON WORKBENCH

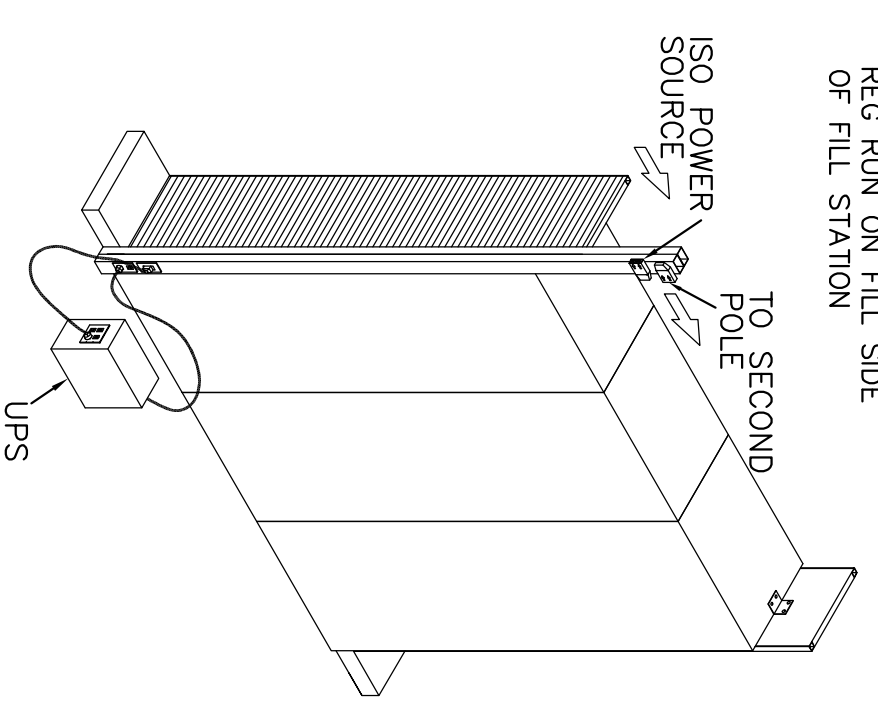
6 ELEVATION VIEW
A-6.1 N.T.S.
CLEAN RUN ON DATA ENTRY
& CHECKOUT



6 ELEVATION VIEW
A-6.1 N.T.S.
REG RUN ON DATA ENTRY
& CHECKOUT

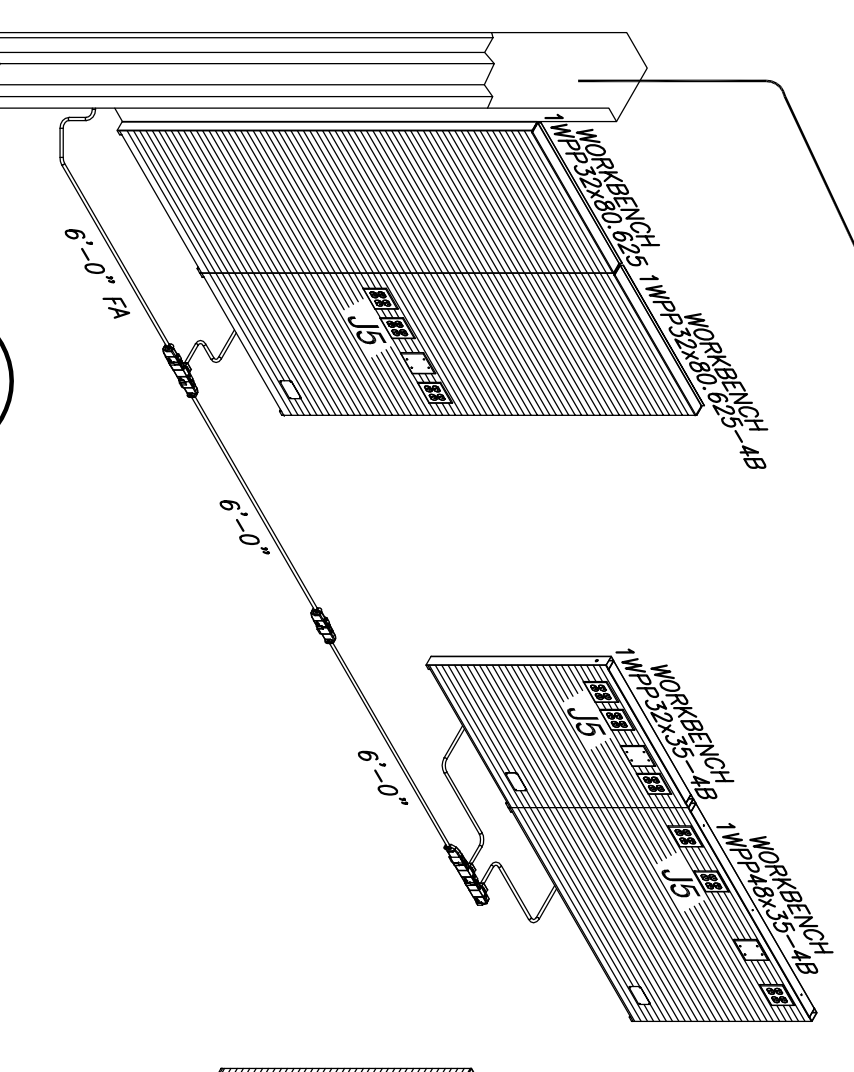


UPS CONNECTIONS ON I.A. UNIT
(AS APPLICABLE)

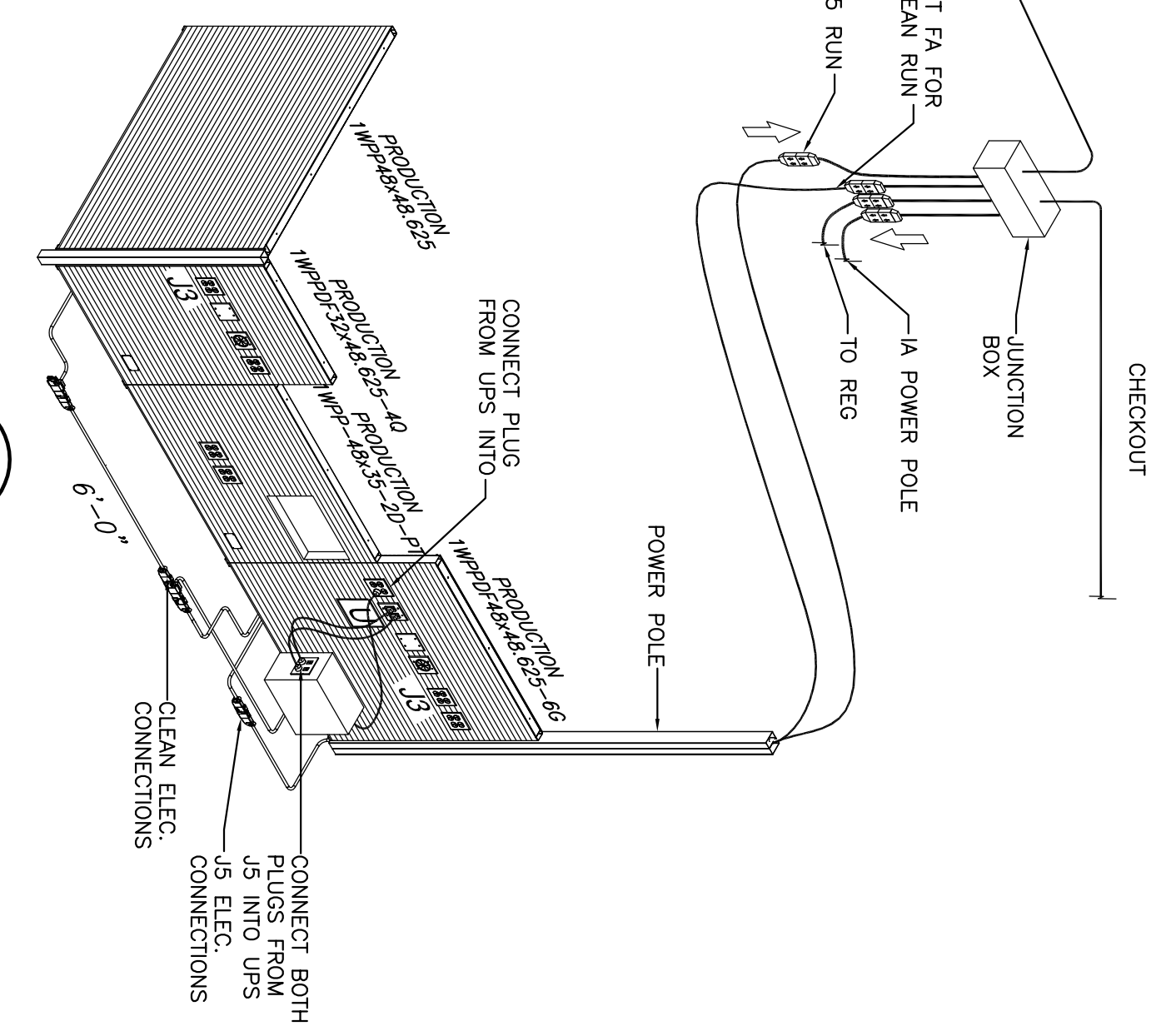


NOTE: ARROWS ADJACENT TO ELECTRICAL COMPONENTS INDICATE THE FLOW OF ELECTRICAL CURRENT. SEE SHEET A-6.1 FOR ELEVATION TAGS AND COMPONENT LOCATIONS.
QUESTIONS CONCERNING ELECTRICAL CONNECTIONS CALL UNIBER, 800-489-4882
NOTE: THIS EQUIPMENT IS FACTORY WIRE AND INCLUDED IN CONSTRUCTION PACKAGE FOR CONTRACTOR/OWNER'S CONVENIENCE. ENGINEER'S SEAL INDICATES ONLY GENERAL INTENT OF MODULAR SYSTEM. INSTALL EQUIPMENT IN COMPLIANCE WITH THE N.E.C., STATE AND LOCAL CODES.

2 ELEVATION VIEW
A-6.1 N.T.S.
"J" & "J5" RUN ON WORKBENCH



5 ELEVATION VIEW
A-6.1 N.T.S.
UPS CONNECTIONS ON FILL
SIDE OF FILL STATION



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DATE: 8/31/09
DRAWING BY: HYZ
JOB NUMBER: 209017
SHEET NUMBER: E-1.4

**UNIBER PHARMACY
POWER INSTALLATION**

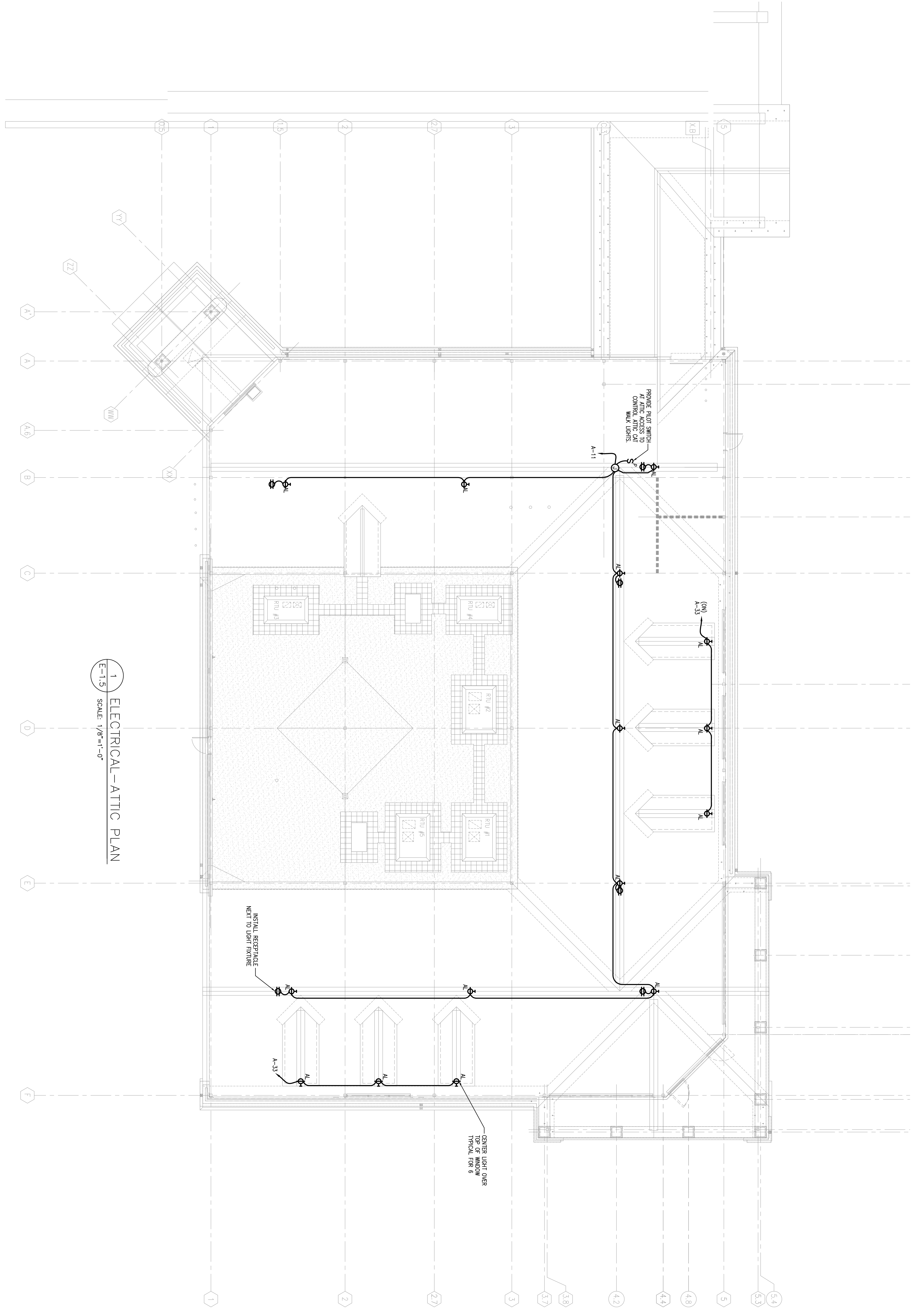
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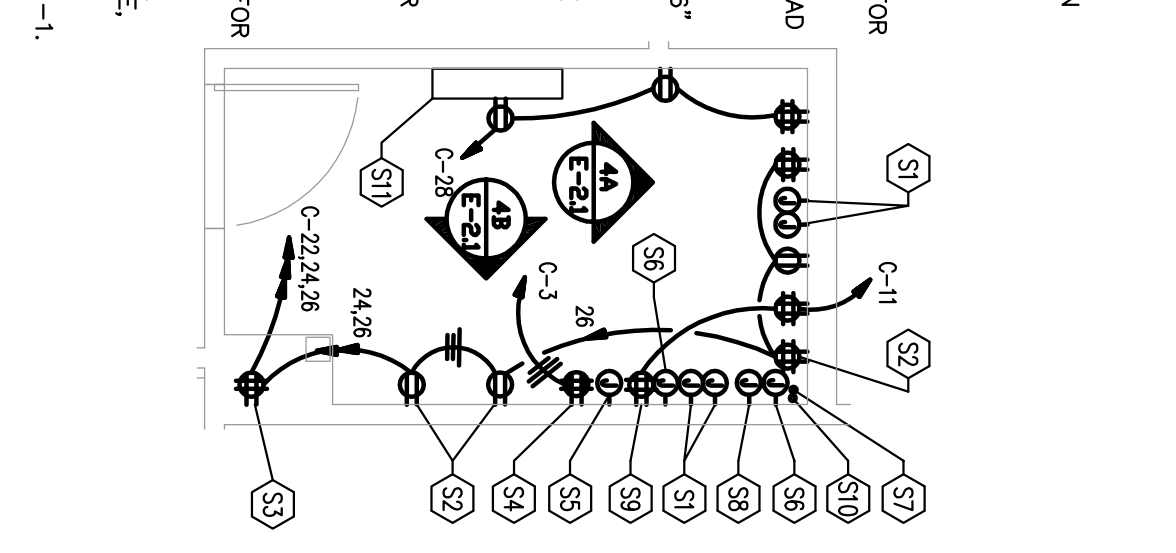
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<p>REVISIONS:</p>		<p>DATE: 8/31/09 JOB NUMBER: 209017 TITLE: ELECTRIC - ATTIC PLAN</p>	
<p>DRAWING BY: HYZ</p>		<p>SHEET NUMBER: E-1.5</p>	
<p>COMMENTS: ISSUED FOR CONSTRUCTION</p>			

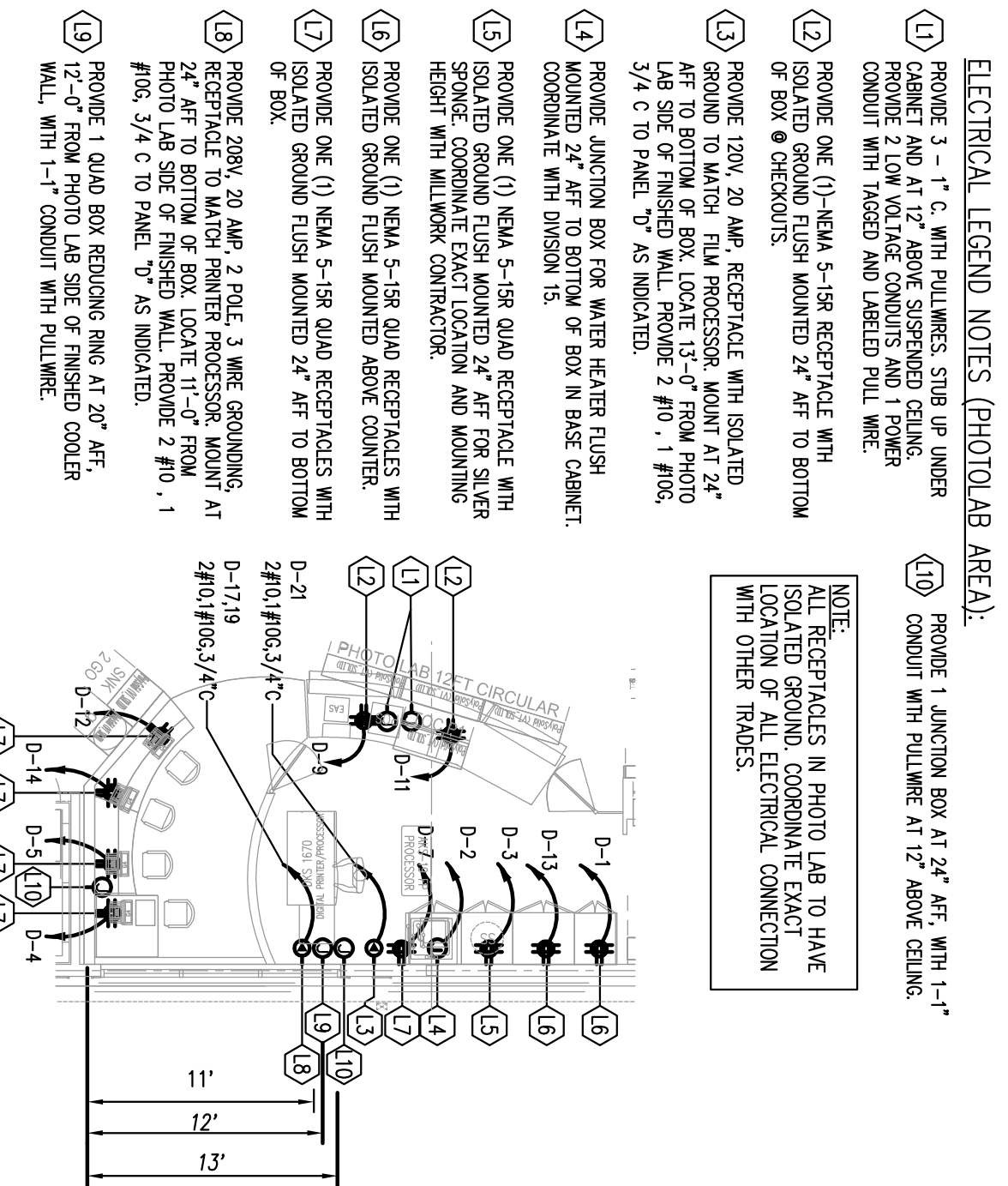
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- ELECTRICAL LEGEND NOTES (MANAGER'S):**
- ① PROVIDE (4) SINGLE GANG REDUCING RINGS AT 1'-8" AFF WITH PULLWIRE PROVIDING PATHWAY IN EXTERIOR WALL INSULATION FOR LOW VOLTAGE CABBING.
 - ② INSTALL RECEPTACLES AT 1'-8" AFF UNLESS NOTED OTHERWISE.
 - ③ PROVIDE (1) QUAD RECEPTACLE AT 1'-8" AFF FOR C-11.
 - ④ PROVIDE ISOLATED GROUND RECEPTACLE (1) QUAD FOR POS AS SHOWN ON POS/MAINFRAME.
 - ⑤ PROVIDE (1) JUNCTION BOX WITH PULLWIRE TO 6" ABOVE CEILING FOR FUTURE USE.
 - ⑥ PROVIDE JUNCTION BOX CONFIGURATION FOR MIZUK SYSTEM. RE: DETAIL 4/A-2-1 FOR MORE INFORMATION.
 - ⑦ PROVIDE PULL HOPE THRU RING AT TELEPHONE JACK LOCATIONS. RES. SHEET F-1.
 - ⑧ PROVIDE JUNCTION BOX WITH PASTER RING FOR LOCATION WITH ARCHITECT. PROVIDE 1" C. ABOVE CEILING. FROM JUNCTION BOX TO 6" ABOVE CEILING.
 - ⑨ PROVIDE (1) QUAD RECEPTACLE AT 7'-6" AFF FOR MIZUK SYSTEM. RE: DETAIL 4/A-2-1.
 - ⑩ PROVIDE (1) 2" CONDUIT WITH 200 JB PULLWIRE. RE: SHEET ES-11.
 - ⑪ PROVIDE 2#12/#5G, 3/4" C. FROM CU-2 TO AHU-1.
 - ⑫ INSTALL PER WHR GUIDELINES.

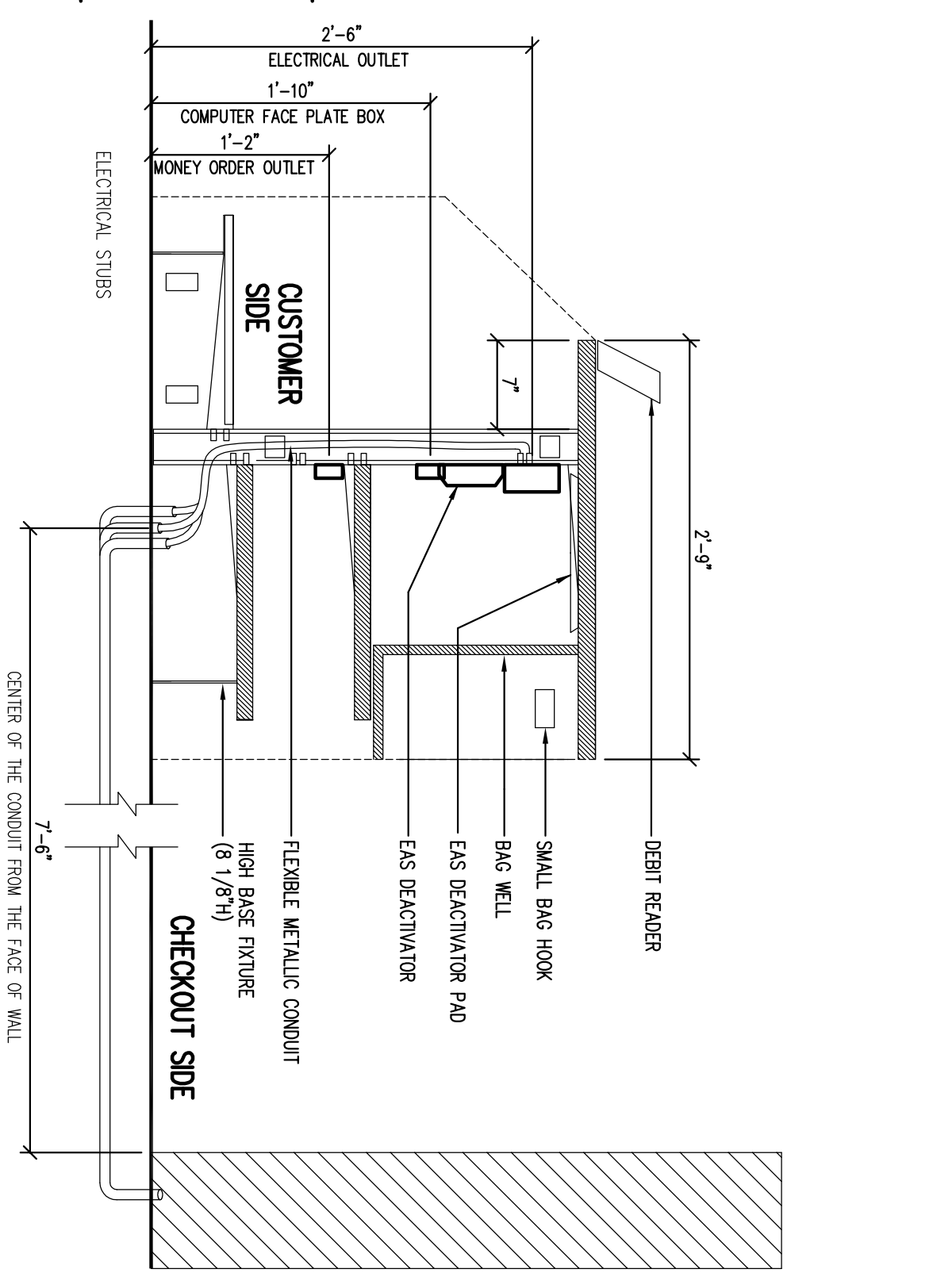


1 MANAGER'S FLOOR PLAN - POWER
SCALE: NOT TO SCALE

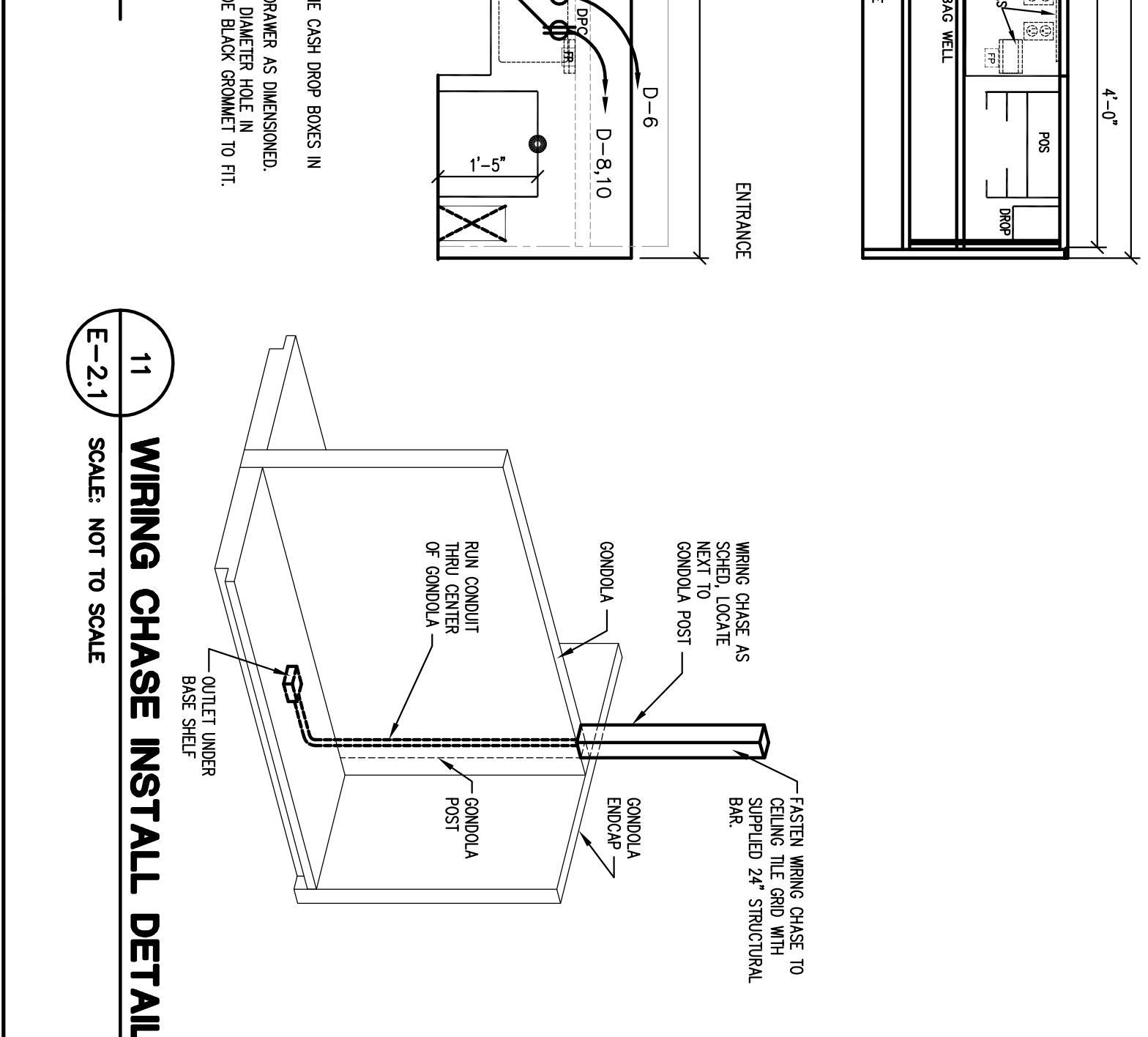
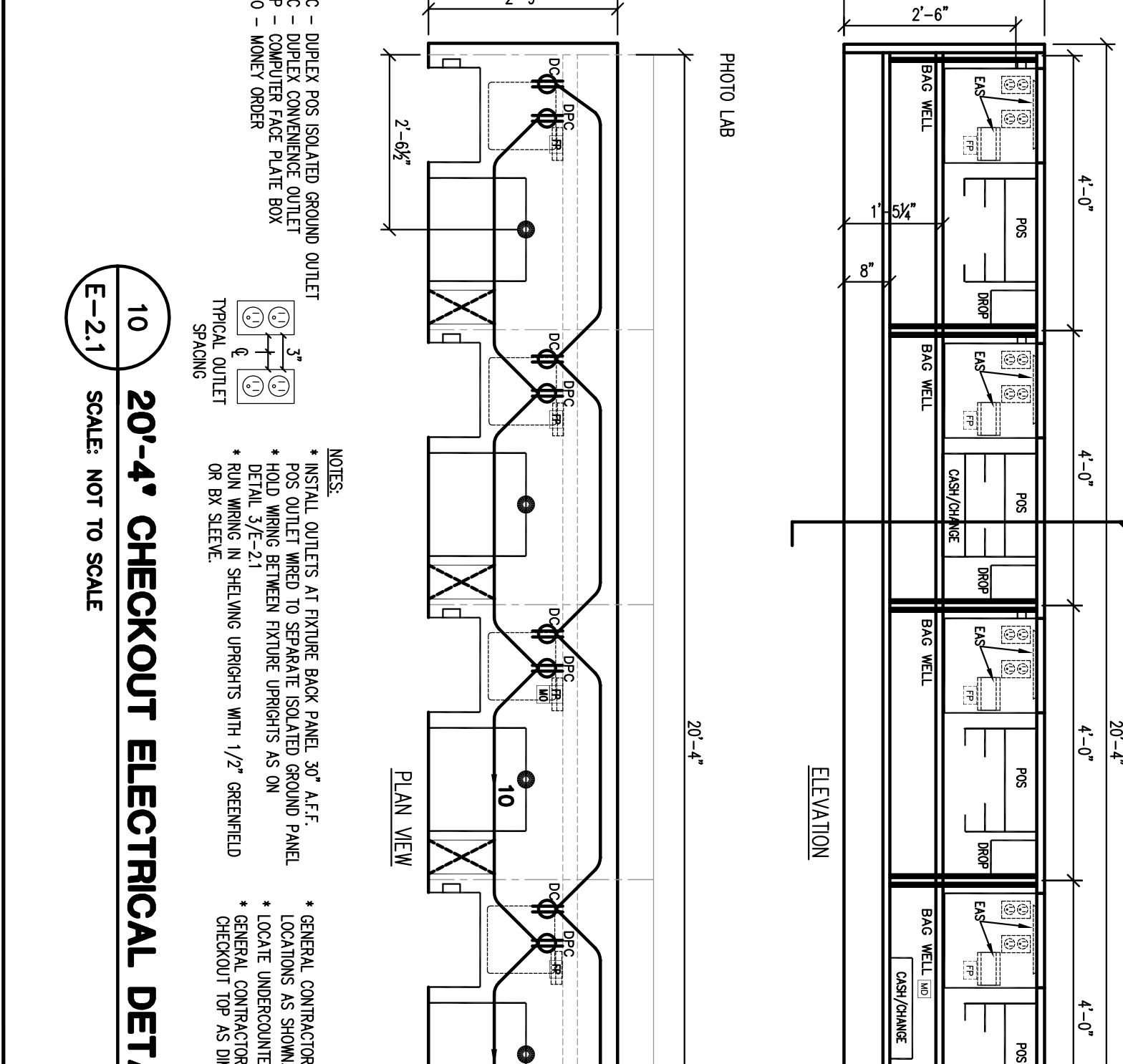
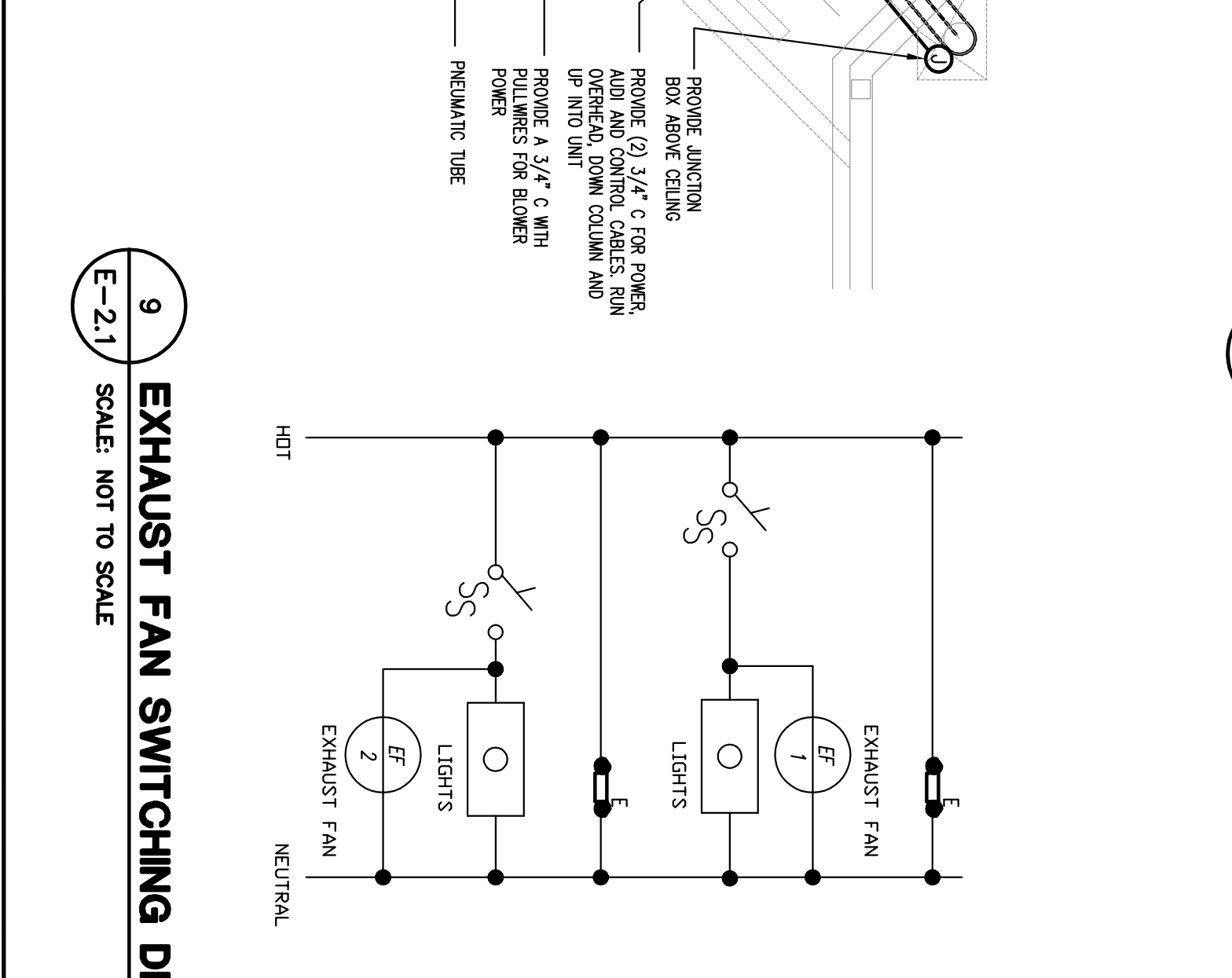
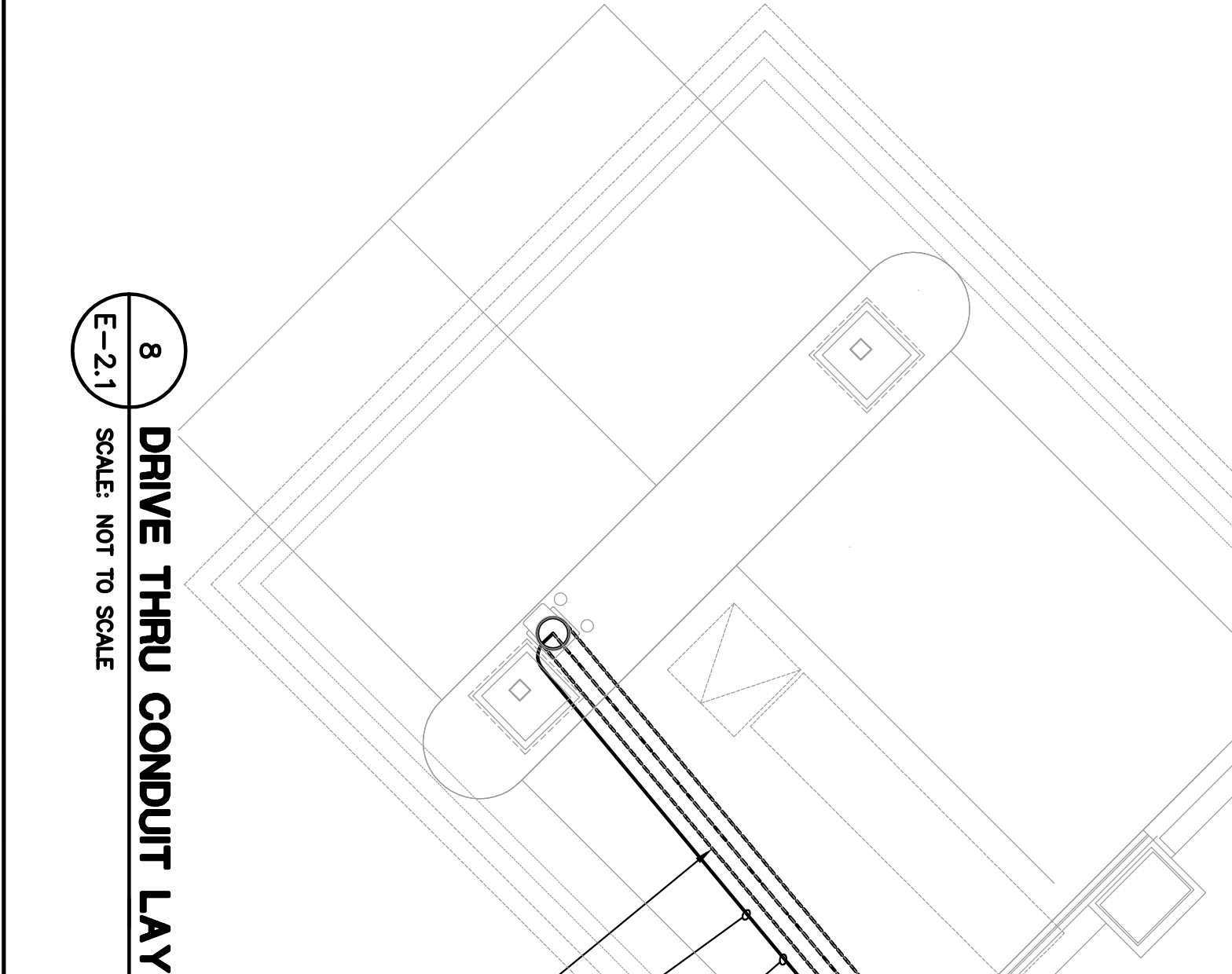
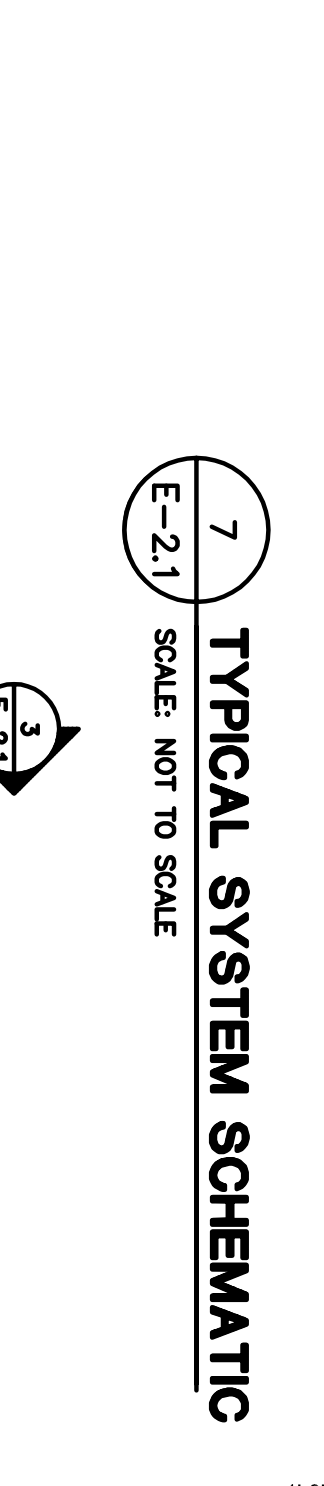
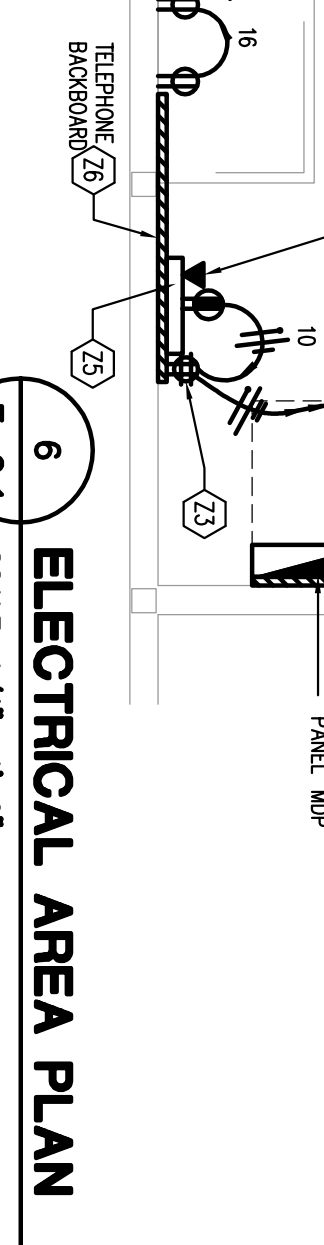
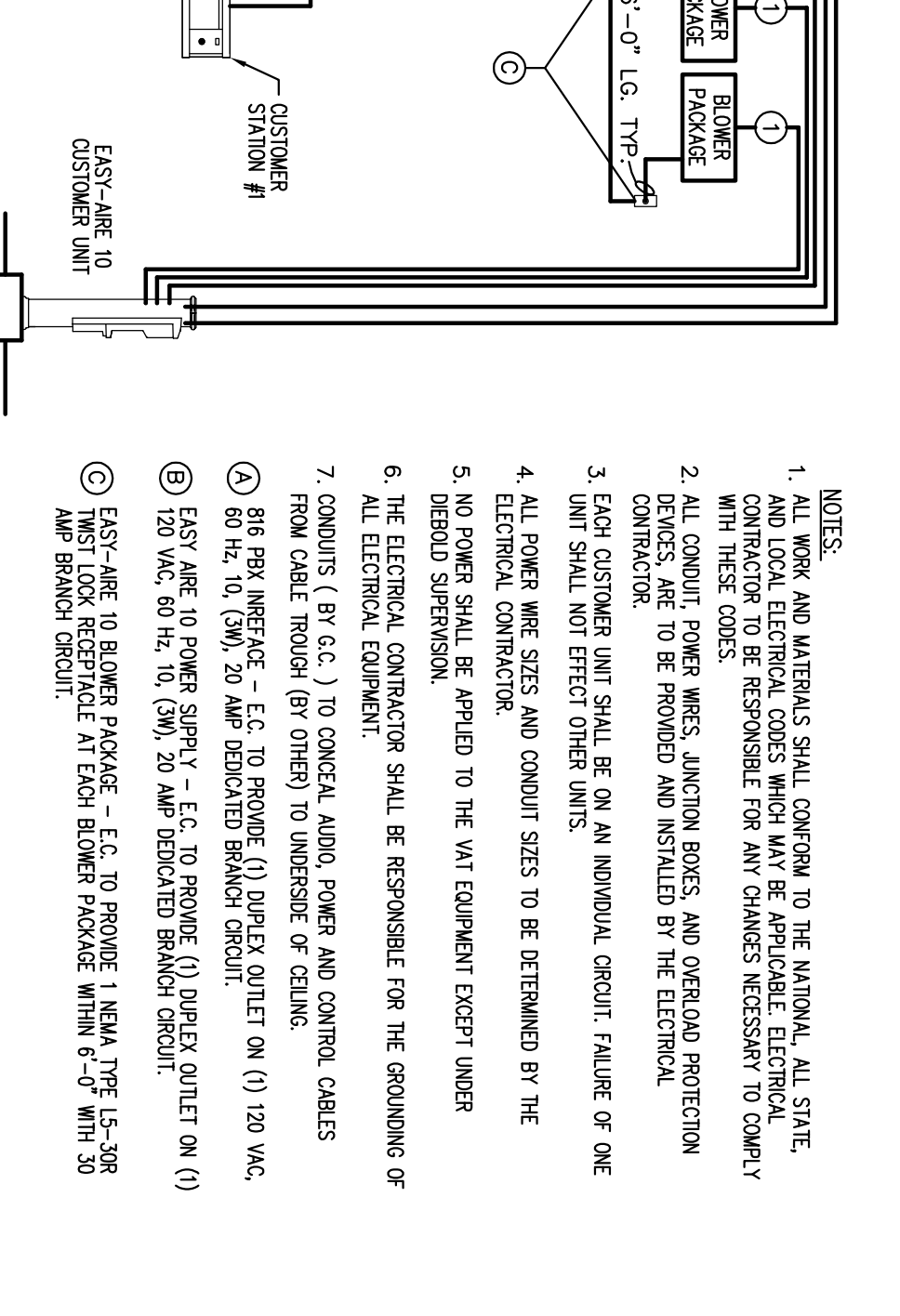
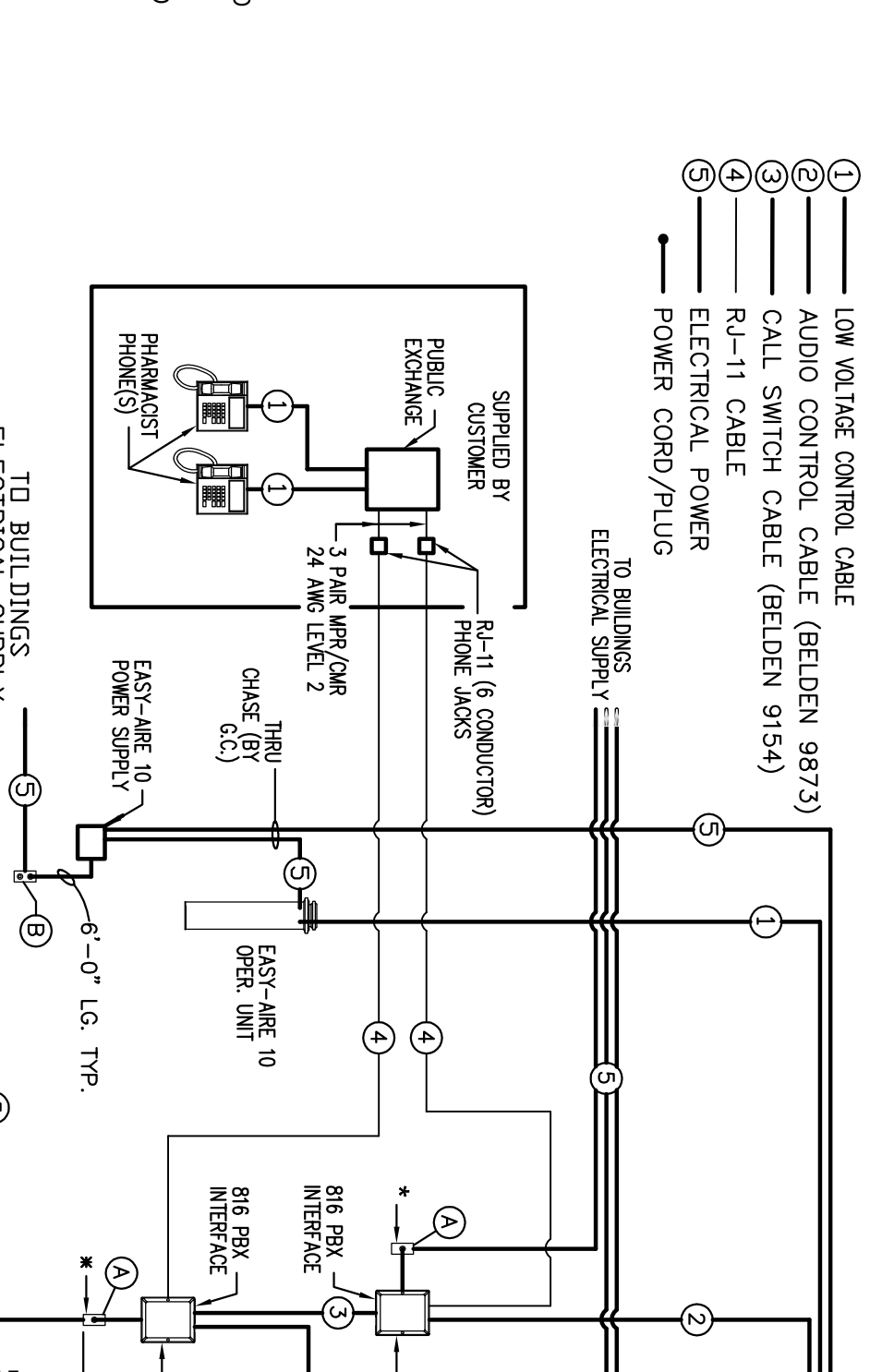
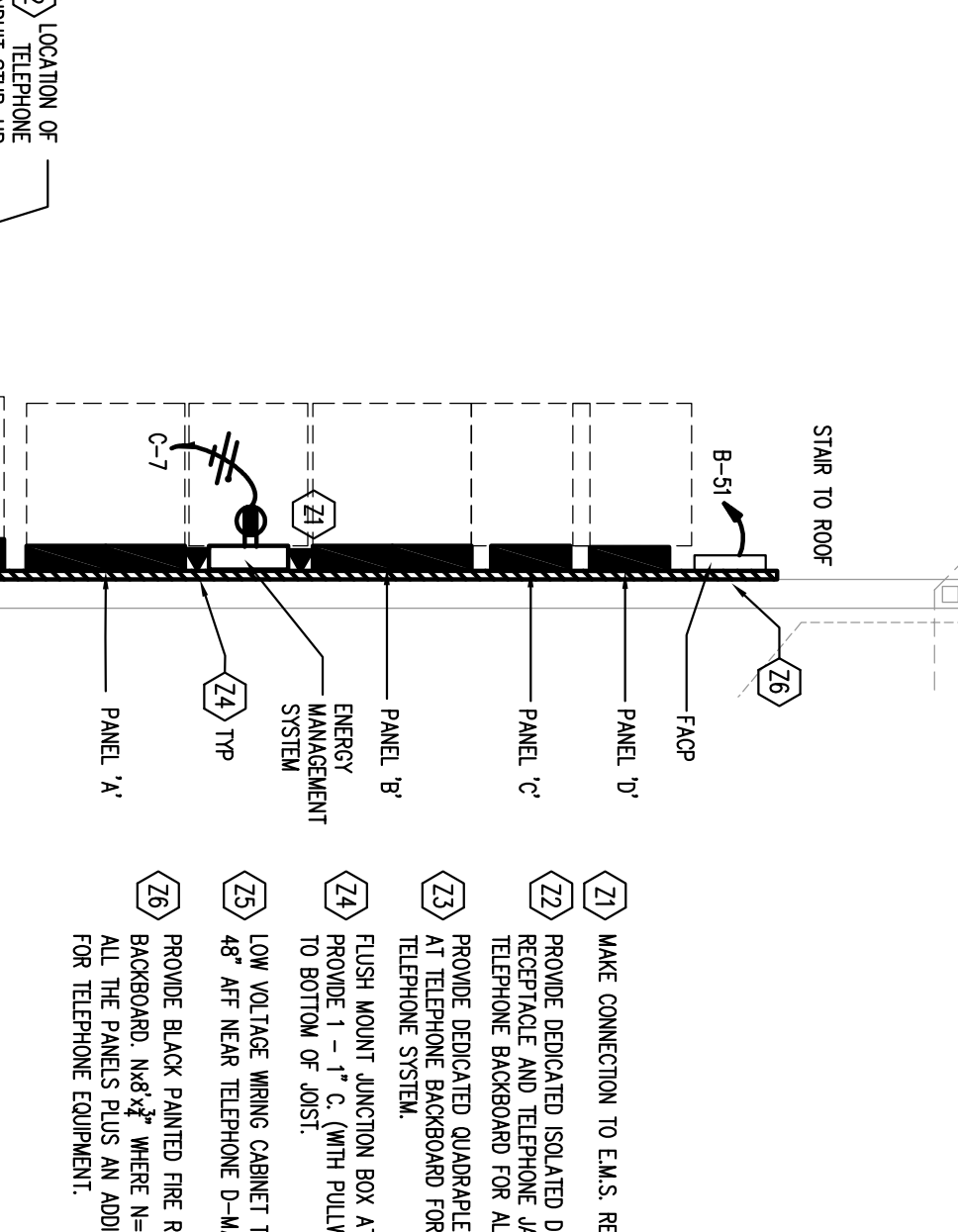
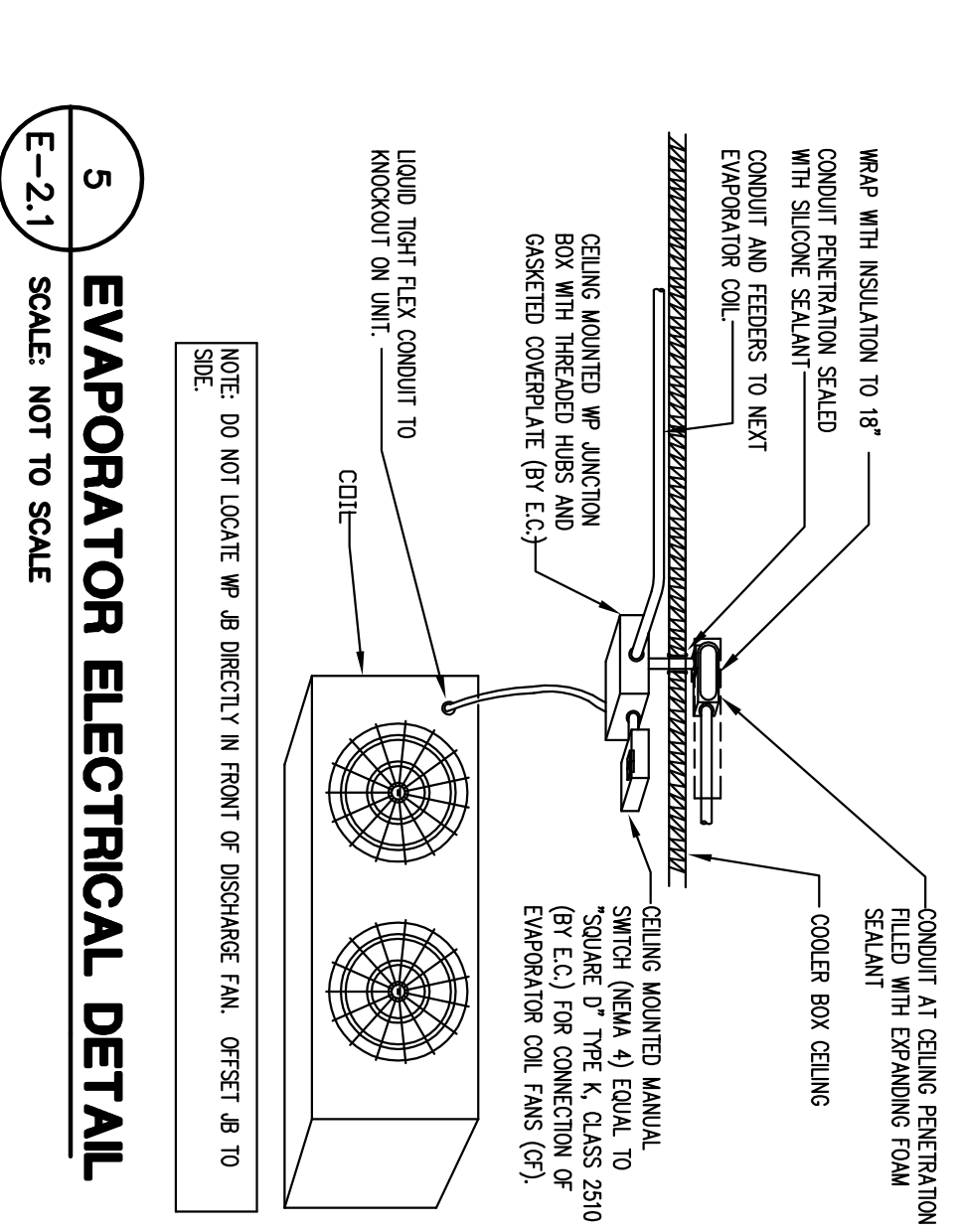
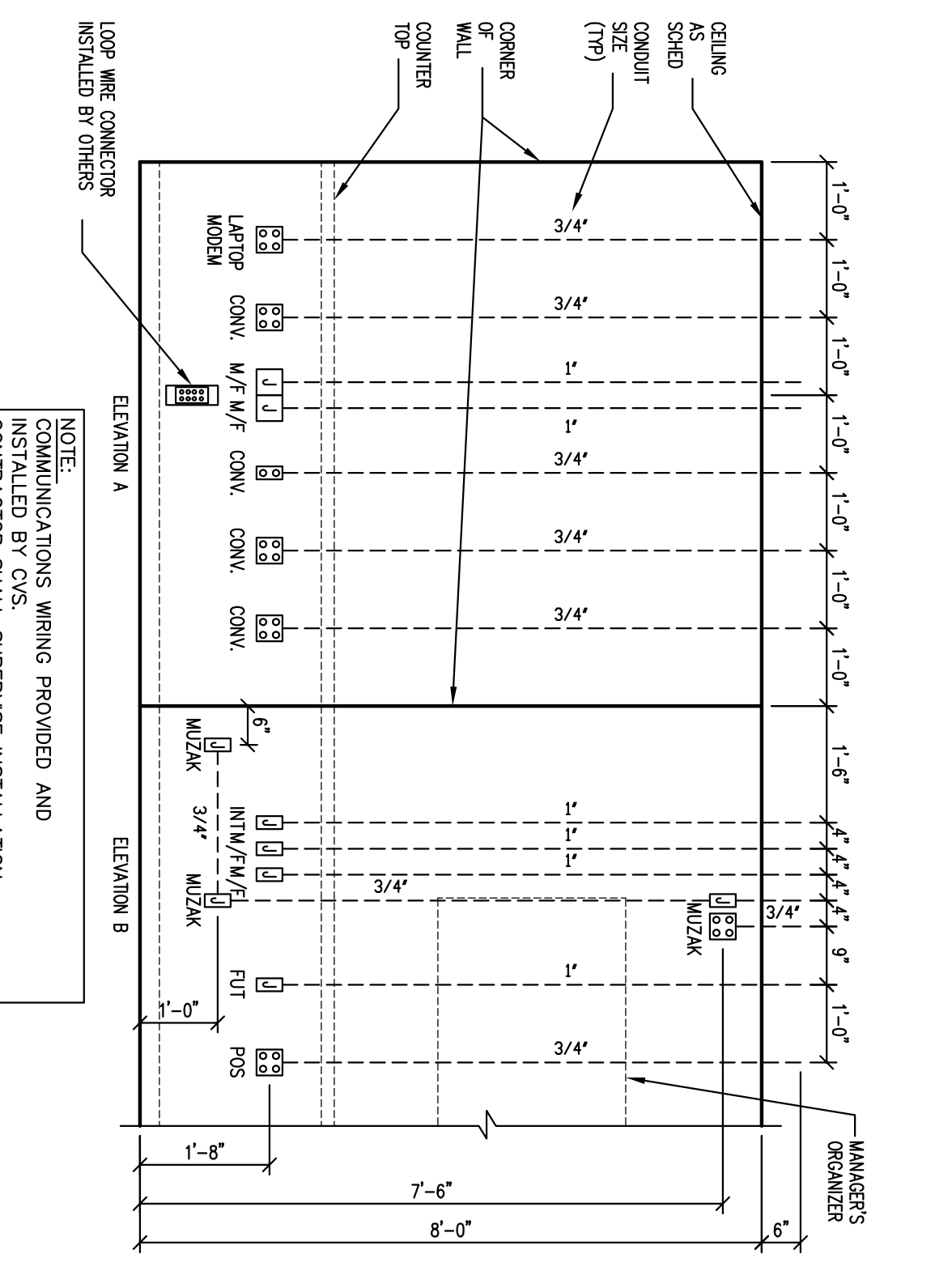
2 PHOTO LAB POWER PLAN
SCALE: NOT TO SCALE

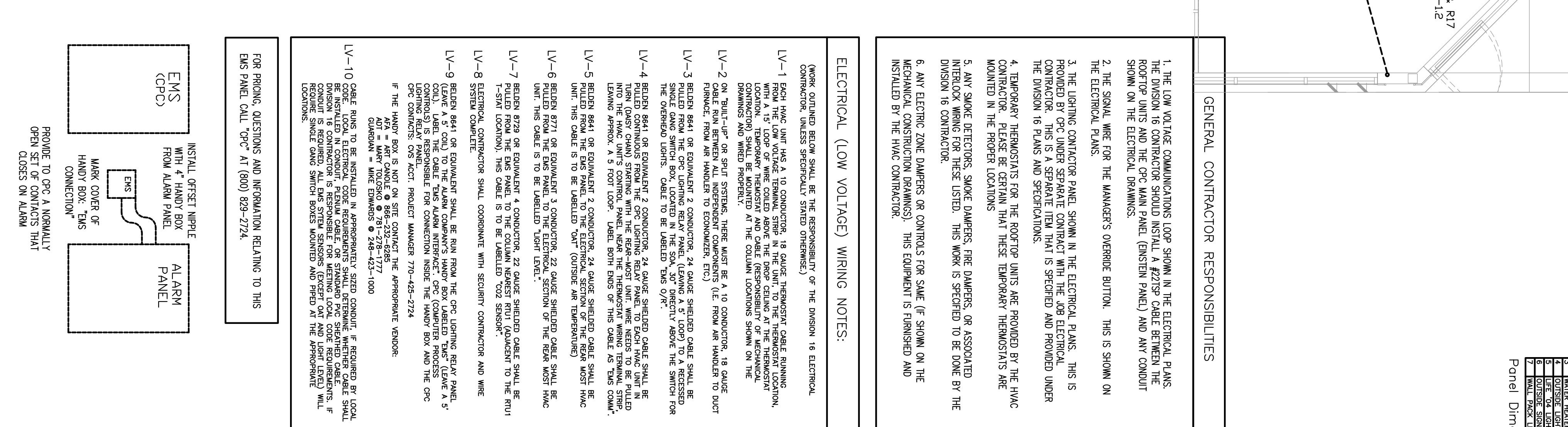
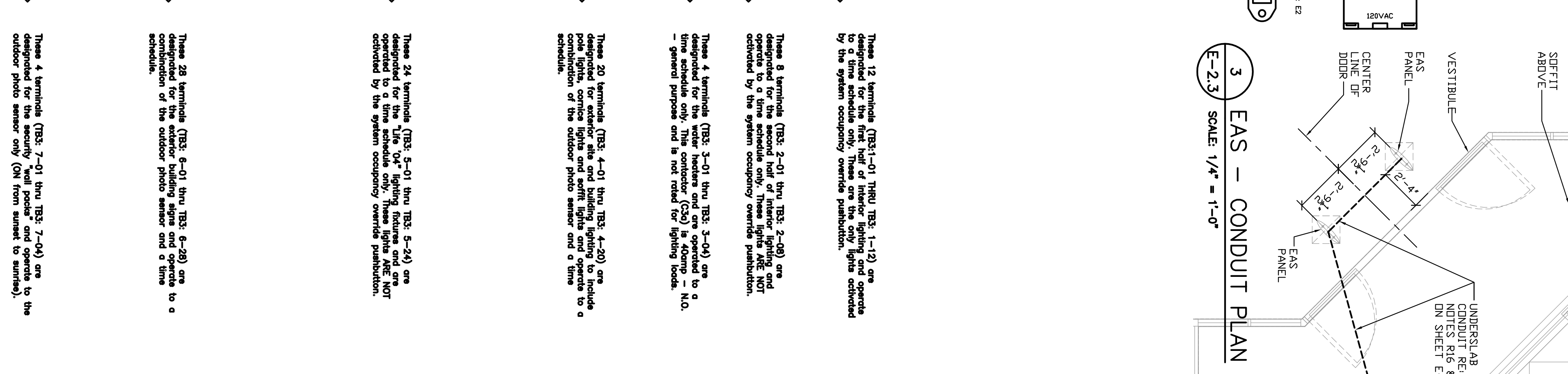
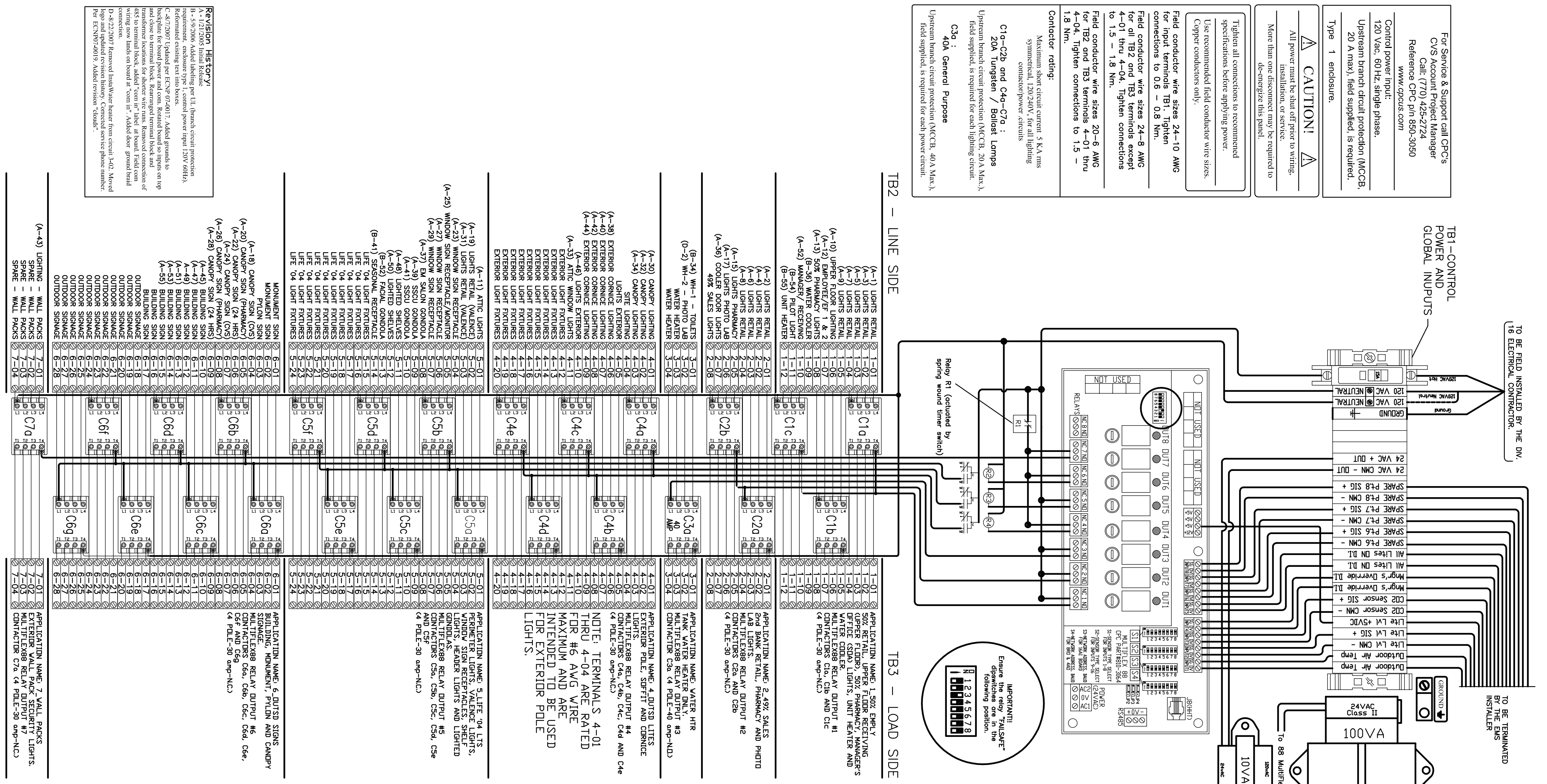


3 20'-4" COUNTER TOP DETAIL
SCALE: NOT TO SCALE PHOTO LAB COUNTER SIMILAR - SEE PLAN



4 POS/MAINFRAME ELEVATION
SCALE: NOT TO SCALE





CONTRACT DESCRIPTION	CONTRACT	CONTRACT
1. ROOF SMOKE LIGHTS	TOP AT 15 MINUTES AFTER STORE CLOSING	TOP AT 15 MINUTES AFTER STORE CLOSING
2. ROOF SMOKE LIGHTS	TOP AT 15 MINUTES AFTER STORE CLOSING	TOP AT 15 MINUTES AFTER STORE CLOSING
3. ROOF SMOKE LIGHTS	TOP AT 15 MINUTES AFTER STORE CLOSING	TOP AT 15 MINUTES AFTER STORE CLOSING
4. ROOF SMOKE LIGHTS	TOP AT 15 MINUTES AFTER STORE CLOSING	TOP AT 15 MINUTES AFTER STORE CLOSING
5. ROOF SMOKE LIGHTS	TOP AT 15 MINUTES AFTER STORE CLOSING	TOP AT 15 MINUTES AFTER STORE CLOSING
6. ROOF SMOKE LIGHTS	TOP AT 15 MINUTES AFTER STORE CLOSING	TOP AT 15 MINUTES AFTER STORE CLOSING
7. ROOF SMOKE LIGHTS	TOP AT 15 MINUTES AFTER STORE CLOSING	TOP AT 15 MINUTES AFTER STORE CLOSING
8. ROOF SMOKE LIGHTS	TOP AT 15 MINUTES AFTER STORE CLOSING	TOP AT 15 MINUTES AFTER STORE CLOSING
9. ROOF SMOKE LIGHTS	TOP AT 15 MINUTES AFTER STORE CLOSING	TOP AT 15 MINUTES AFTER STORE CLOSING
10. ROOF SMOKE LIGHTS	TOP AT 15 MINUTES AFTER STORE CLOSING	TOP AT 15 MINUTES AFTER STORE CLOSING
11. ROOF SMOKE LIGHTS	TOP AT 15 MINUTES AFTER STORE CLOSING	TOP AT 15 MINUTES AFTER STORE CLOSING
12. ROOF SMOKE LIGHTS	TOP AT 15 MINUTES AFTER STORE CLOSING	TOP AT 15 MINUTES AFTER STORE CLOSING
13. ROOF SMOKE LIGHTS	TOP AT 15 MINUTES AFTER STORE CLOSING	TOP AT 15 MINUTES AFTER STORE CLOSING
14. ROOF SMOKE LIGHTS	TOP AT 15 MINUTES AFTER STORE CLOSING	TOP AT 15 MINUTES AFTER STORE CLOSING
15. ROOF SMOKE LIGHTS	TOP AT 15 MINUTES AFTER STORE CLOSING	TOP AT 15 MINUTES AFTER STORE CLOSING
16. ROOF SMOKE LIGHTS	TOP AT 15 MINUTES AFTER STORE CLOSING	TOP AT 15 MINUTES AFTER STORE CLOSING
17. ROOF SMOKE LIGHTS	TOP AT 15 MINUTES AFTER STORE CLOSING	TOP AT 15 MINUTES AFTER STORE CLOSING
18. ROOF SMOKE LIGHTS	TOP AT 15 MINUTES AFTER STORE CLOSING	TOP AT 15 MINUTES AFTER STORE CLOSING
19. ROOF SMOKE LIGHTS	TOP AT 15 MINUTES AFTER STORE CLOSING	TOP AT 15 MINUTES AFTER STORE CLOSING
20. ROOF SMOKE LIGHTS	TOP AT 15 MINUTES AFTER STORE CLOSING	TOP AT 15 MINUTES AFTER STORE CLOSING

Panel Dimensions: 22.25" Wide x 56" High x 6.5 Deep

GENERAL ELECTRICAL NOTES

1. PERFORM ALL ELECTRICAL WORK IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL LOCAL AND STATE CODES.
2. PROVIDE ALL NEW MATERIAL THAT COMPARES TO THE STANDARDS OF THE UNDERWRITER'S LABORATORIES, INC. AND THE NATIONAL MANUFACTURERS ASSOCIATION.
3. OBTAIN AND PAY FOR ALL ELECTRICAL PERMITS AND INSPECTION FEES.
4. DIMENSIONS ARE DIMENSIONAL ONLY AND INDICATE ONLY THE GENERAL ARRANGEMENT. SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS.
5. GUARANTEE ALL WORK AND MATERIALS FOR ONE YEAR EFFECTIVE THE DAY THE PROJECT IS ACCEPTED BY THE OWNER.
6. MAKE ALL ELECTRICAL POWER CONNECTIONS TO HVAC PUMPING AND OTHER EQUIPMENT AS REQUIRED.
7. PROVIDE AND INSTALL A COMPLETE GROUNDING SYSTEM IN ACCORDANCE WITH ARTICLE 250 OF THE N.E.C. AND AS SHOWN ON THE DRAWINGS.
8. PROVIDE THE CUTTING AND PATCHING OF WALLS AND FLOORS REQUIRED FOR THE INSTALLATION OF ELECTRICAL EQUIPMENT.
9. PROVIDE ONLY COPPER CONDUCTORS RATED AT NOT LESS THAN 600 VOLTS. PROVIDE #12 AWG MINIMUM UNLESS OTHERWISE NOTED ON THE DRAWINGS. PROVIDE STRANDED CONDUCTORS FOR ALL WIRE #8 AWG AND LARGER. PROVIDE SOLID CONDUCTORS #10 AND SMALLER, UNLESS OTHERWISE NOTED.
10. PROVIDE BRANCH CIRCUIT CONDITIONS THAT ARE THIN OR THIN AS REQUIRED. WIRE CAN BE USED FOR LIGHT FIXTURE TO LIGHT FIXTURE.
11. PROVIDE A PULL WIRE IN ALL EMPTY CONDUCITS.
12. PROVIDE A TYPED DIRECTORY IN ALL PANEL BOARDS CLEARLY DESCRIBING THE LOCATION OF AND TYPE OF LOAD BEING SERVED FOR ALL CIRCUITS.
13. PROVIDE ENGRAVED PHENOLIC NAMEPLATES FOR ALL PANEL BOARDS AND DISCONNECT SWITCHES. WHITE LETTERS ON BLACK BACKGROUND.
14. VERIFY ALL REQUIREMENTS AND COORDINATE EXACT LOCATION OF INCOMING ELECTRICAL SERVICE WITH LOCAL POWER COMPANY PRIOR TO PROJECT START UP. NOTIFY ENGINEER OF ANY CHANGES.
15. PROVIDE PROPERLY INSTALL, AND IDENTIFY ALL TERMINALS, SPlicing CONNECTORS, LUGS, ETC. FOR USE WITH THE MATERIAL (CU) OF THE CONDUCTOR, AND RATED FOR 60/75C.
16. PROTECT ALL ELECTRICAL EQUIPMENT FROM FOREIGN MATERIAL DURING CONSTRUCTION (PAINT, SPARKLE, ETC.).
17. WHERE PENETRATIONS ARE MADE THROUGH A REQUIRED FIRE-RISTEIVE WALL, FLOOR OR PARTITION FOR THE PURPOSE OF RUNNING BACKWAX CARBON ELECTRICAL, TELEPHONE, TELEVISION, OR LOCAL COMMUNICATION AND/OR SIGNALING CIRCUITS, PROVIDE THE STOPPING AROUND THE OPENING OF THE BACKWAX PER THE STATE BUILDING CODE. MAINTAIN COMMUNICATION WITH THE GENERAL CONTRACTOR TO INSURE THAT THIS FIRE STOPPING IS ACCOMPLISHED USING APPROVED ASSEMBLY SUCH AS THE FOLLOWING: CONDUIT PENETRATIONS OF 1 & 2 HOUR GFC BOARD WALLS - UL-FRAMKIT; CONDUIT PENETRATIONS OF 1 & 2 HOUR CONCRETE OR BLOCK WALLS - UL-FRAMKIT; CONDUIT PENETRATIONS OF 1 & 2 HOUR CONCRETE FLOORS - UL-FRAMKIT.
18. PROTECT REQUIRED RATED WALLS, PARTITIONS, AND SPANNERS FOR INSTALLATION OF BOXES THAT ARE GREATER THAN 16 SQUARE INCHES AS REQUIRED BY U.L. COORDINATE CLOSELY WITH THE GENERAL CONTRACTOR TO INSURE THE INTEGRITY OF THE U.L. RATING IS MAINTAINED.
19. PROVIDE CONDUIT FOR ALL WIRING, INCLUDING BUT NOT LIMITED TO CONTROL AND POWER WIRING. COORDINATE INSTALLATION AND ROUTING REQUIREMENTS WITH APPROVED INSTALLERS.
20. INSTALL WIRING IN GALVANIZED RIBBON CONDUIT, ELECTRICAL METAL TUBING, RIBBON NON-METALLIC CONDUIT, FIBERGLASS WETAL CONDUIT AND LIQUID-TIGHT FIBERGLASS WETAL CONDUIT. EMT SHALL NOT BE USED IN OR UNDER CONCRETE SURFACES OR IN MASSWALL WALLS. USE SCHEDULE 40 GFC OUTDOORS WHERE NOT SUBJECT TO PHYSICAL DAMAGE. CONDUIT MAY BE SUBSTITUTED BY METAL-CLAD AND METAL-CLAD ARTICLE 450 SHALL BE ALLOWED BY THE LOCAL AUTHORITY THROUGH CONSTRUCTION. METAL-CLAD OR CABLE SHALL NOT BE USED FOR FIBER OPTICS.

EMS SPECIFICATIONS

ENERGY MANAGEMENT SYSTEM

A. ON-SITE/HAS BEEN INSTALLED INTO A NATIONAL ACCOUNT ABSENTMENT WITH CPC FOR FINISHING THE ENERGY MANAGEMENT SYSTEM SPECIFIED IN THIS SECTION FOR PRICING QUOTATIONS, PLACING ORDERS AND FURTHER INFORMATION, CALL CPC AT (800) 829-2724.

QUALITY ASSURANCE

A. STANDARDS: COMPLY WITH APPLICABLE INDUSTRY STANDARDS.

B. INSTALLER QUALIFICATIONS: CONTRACTOR SHALL ENTER INTO A CONTRACT WITH CPC FOR COMPLETE INSTALLATION OF THE ENERGY MANAGEMENT SYSTEM.

C. DELIVERY, STORAGE AND HANDLING

A. PROTECT MATERIALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.

B. PROVIDE COMPONENTS INCLUDING, BUT NOT NECESSARILY LIMITED TO, CONTROLLERS, SENSORS, EMS PANEL, CONTROL BOARDS, AND MISCELLANEOUS ACCESSORIES AS REQUIRED AND AS STANDBY WITH THE MANUFACTURER FOR THE OWNER'S INSPECTION.

A. INSPECT INSTALLATION AREAS FOR READINESS OF SYSTEM INCLUDING MATERIALS FOR ELECTRICAL WIRING AND CONNECTIONS.

B. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.

INSTALLATION

A. COORDINATE WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS FOR A COMPLETE INSTALLATION.

B. PROVIDE PROPER SUPPORT AS STANDBY WITH THE MANUFACTURER AND ANCHOR SECURELY TO STRUCTURING CONSTRUCTION WITH APPROVED FASTENERS.

C. COMPOSITE INSTALLATION WITH OTHER COMPONENTS OF THE WORK.

1. REPAIR ABRASION AREAS OF FACTORY APPLIED FINISHES.

CLEANING

A. CLEAN SURFACES PROMPTLY AFTER INSTALLATION. EXERCISE CARE TO AVOID DAMAGE TO THE FINISH. REMOVE EXCESS DIRT AND OTHER SUBSTANCES.

PROTECTION

A. INITIAL AND MAINTAIN PROTECTION AND OTHER PRECAUTIONS REQUIRED THROUGH THE REMAINDER OF THE PROJECT TO PROTECT THE FINISH FROM DAMAGE BY CONSTRUCTION EQUIPMENT AND WORKERS. PROTECT OR DETOURMENTATION AT THE TIME OF SUBSTANTIAL COMPLETION.

B. MAINTAIN A FACTORY-APPROVED SERVICE REPRESENTATIVE TO PERFORM TESTING AND TO TRAIN OWNER'S MAINTENANCE PERSONNEL AS SPECIFIED BELOW.

1. TEST AND ADJUST CONTROLS AND EQUIPMENT, REPLACE DAMAGED AND MALFUNCTIONING CONTROLS AND EQUIPMENT.

2. TRAIN OWNER'S MAINTENANCE PERSONNEL ON PROCEDURES AND SCHEDULES RELATED TO STARTUP, PROBLEMSHOOTING, SENSING, AND PREVENTIVE MAINTENANCE.

3. REVIEW DATA IN MAINTENANCE MANUALS. REFER TO DIVISION 1 SECTION "CLOSEOUT PROCEDURES".

4. SCHEDULE TRAINING WITH OWNER, THROUGH ARCHITECT, WITH AT LEAST SEVEN (7) DAYS ADVANCE NOTICE.

CVS/pharmacy

NEW

STORE NUMBER: 329

NORRPHATE PLAZA
51 AUBURN STREET
PORTLAND, MAINE

DEVELOPER:
A & D REALTY, LLC
5 MILLITA DRIVE
LEWINGTON, MA 02421

REVISIONS:

DRAWING BY: HYZ

DATE: 8/31/09

JOB NUMBER: 209017

TITLE: ELECTRICAL NOTES & EMS DIAGRAM

SHEET NUMBER: E-2.3

COMMENTS:
ISSUED FOR CONSTRUCTION

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ARCHITECTURE + INTERIORS:

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DEVELOPER:

A & D REALTY, LLC
5 MILLITA DRIVE
LEWINGTON, MA 02421

ALARM SYSTEM LEGEND	
FSB	FIRE ALARM PULL BOX
FCB	FIRE ALARM CONTROL PANEL
ANN	ANNUNCIATOR
DS	DUCT SMOKE DETECTOR
RTS	REMOTE TEST/ALARM SWITCH
R	EQUIPMENT SHUT-DOWN RELAY
SL	STROBE LIGHT AT 80" A.F.F.
SD	SMOKE DETECTOR
SD	HEAT DETECTOR
SD	SOUNDER / STROBE AT 80" A.F.F.
SD	SOUNDER / STROBE CEILING MOUNTED
SD	PULL STATION AT 48" A.F.F.
MA	MASTER BOX WITH ANTENNA
D	DIGITAL COMMUNICATOR
STV	SPRINKLER TAMPER VALVE
SPS	SPRINKLER PRESSURE SWITCH
SPS	SPRINKLER FLOW SWITCH
LEA	SPRINKLER LOW PRESSURE ALARM
E	WEATHERPROOF HORN STROBE BEACON
MM	MONITOR MODULE
K	KNOX BOX
B	SPRINKLER BELL

FIRE ALARM NOTES

CONTROL PANEL, ADDRESSABLE SYSTEM WITH OUTPUT TO ACTIVATE CONTROL SYSTEM DIALER, INCLUDES POWER SUPPLY, BATTERIES AND ANNUNCIATOR

LOC-80 REMOTE DISPLAY/CONTROL ANNUNCIATOR

DIGITAL COMMUNICATOR

SMOKE DETECTORS

PHOTOELECTRIC SMOKE DETECTORS WITH BASE

DUCT SMOKE DETECTOR

PHOTOELECTRIC PHOTOELECTRIC SMOKE DETECTOR, SHUT-DOWN RELAY.

REMOTE TEST STATION

PROVIDED WHERE DIRECTED BY THE DEPARTMENT ONE PER DETECTOR

HEAT SMOKE DETECTOR

PROVIDED WHERE INDICATED WITH UL LISTED AND ADA COMPLIANT 75 CANDELA STROBE

STROBE - ADA COMPLIANT

PROVIDED WHERE INDICATED WITH UL LISTED AND ADA COMPLIANT 75 CANDELA STROBE

DOUBLE ACTION PULL STATION WITH KEYS RESET AND KEYS TO MATCH THE CONTROL PANEL

SYSTEM OPERATION

ACTIVATION OF ANY ALARM INITIATING DEVICES SHALL AUTOMATICALLY INITIATE THE FOLLOWING:

1. CAUSE AN AUDIBLE ALARM SIGNAL TO SOUND AND THE SYSTEM ALARM LED TO LIGHT AT THE FIRE ALARM CONTROL PANEL. AUDIBLE SIGNAL SHALL BE CHANGING OF BEING SOUNDED DURING THE ALARM CONDITION.
2. INDICATE ON PANEL AND ANNUNCIATOR 80 CHARACTER LCD DISPLAY THE DEVICE IN ALARM AND LOCATION.
3. CAUSE ALL SYSTEM HORNS TO SOUND A TEMPORAL PATTERN.
4. CAUSE ALL VISUAL ALARMS TO FLASH.
5. ACTIVATE THE RADIO MASTER BOX AND DUAL LINE DIGITAL FIRE ALARM COMMUNICATION SYSTEM TO THE DEPARTMENT ONE-SIXTY EIGHT COMMUNICATION COMPANY AND THE DEPARTMENT.
6. ALL TAMPER SWITCHES SHALL BE SILENT.

SYSTEM NOTES

THE ACTIVATION OF A WATERFLOW SWITCH WILL INITIATE AN ALARM. THE ACTIVATION OF A FLOW SUPERVISION SWITCH WILL INITIATE A PROBABLE SIGNAL ON THE FIRE ALARM CONTROL PANEL.

FIRE ALARM NOTES

FIRE ALARM SYSTEM TO BE INSTALLED BY OES CONSTRUCTION REGION

FIRE SYSTEM DESIGN SHALL BE BASED ON FIRE MIA AND OES BEST PRACTICE SERVICES (P/S) SPECIFICATIONS

FIRE ALARM ANNUNCIATOR TO BE MOUNTED 5'-0" AFF AT FRONT ENTRANCE DOOR NEAR BACKLASH ALARM KEYPAD

CONDUIT ROUTING LOCATIONS WITH OES ALARM VENDOR PRIOR TO ROUGH-IN AND PROVIDE BACK BOX AND CONDUIT IN WALL TO THE CEILING

FIRE ALARM VENDOR TO FINISH DUCT SMOKE DETECTORS WITH VISUAL ANNUNCIATION, RESET SWITCH, AND KEYS TO MATCH THE CONTROL PANEL

PROVIDE PULL CONNECTION AS DIRECTED BY THE DEPARTMENT ONE-SIXTY EIGHT COMMUNICATION COMPANY

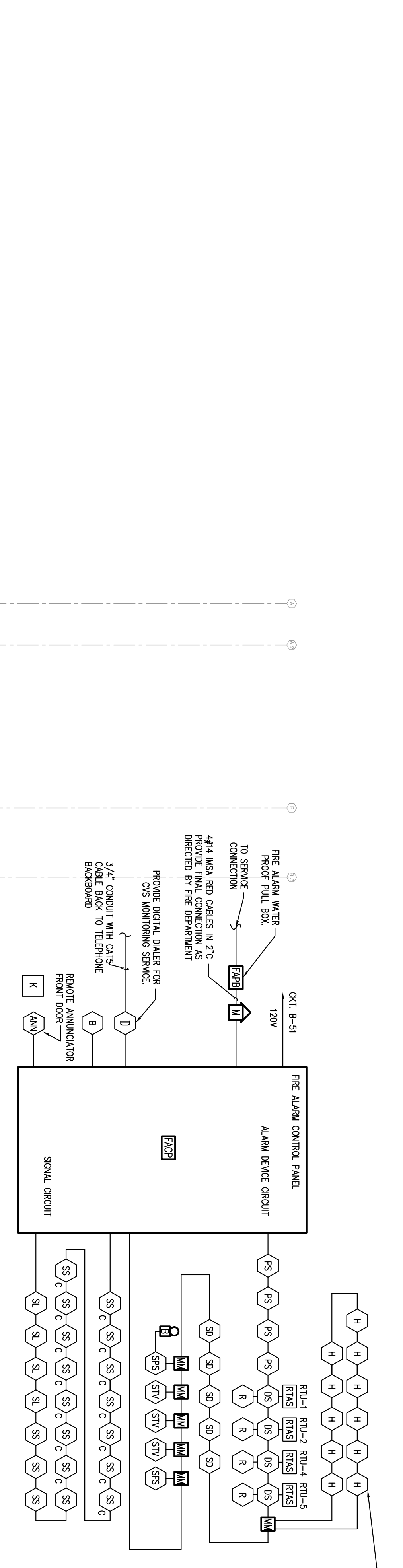
AND BE CONNECTED TO FIRE ALARM CONTROL PANEL BY THE ALARM VENDOR.

FIRE ALARM VENDOR TO FINISH DUCT SMOKE DETECTORS WITH VISUAL ANNUNCIATION, RESET SWITCH, AND KEYS TO MATCH THE CONTROL PANEL

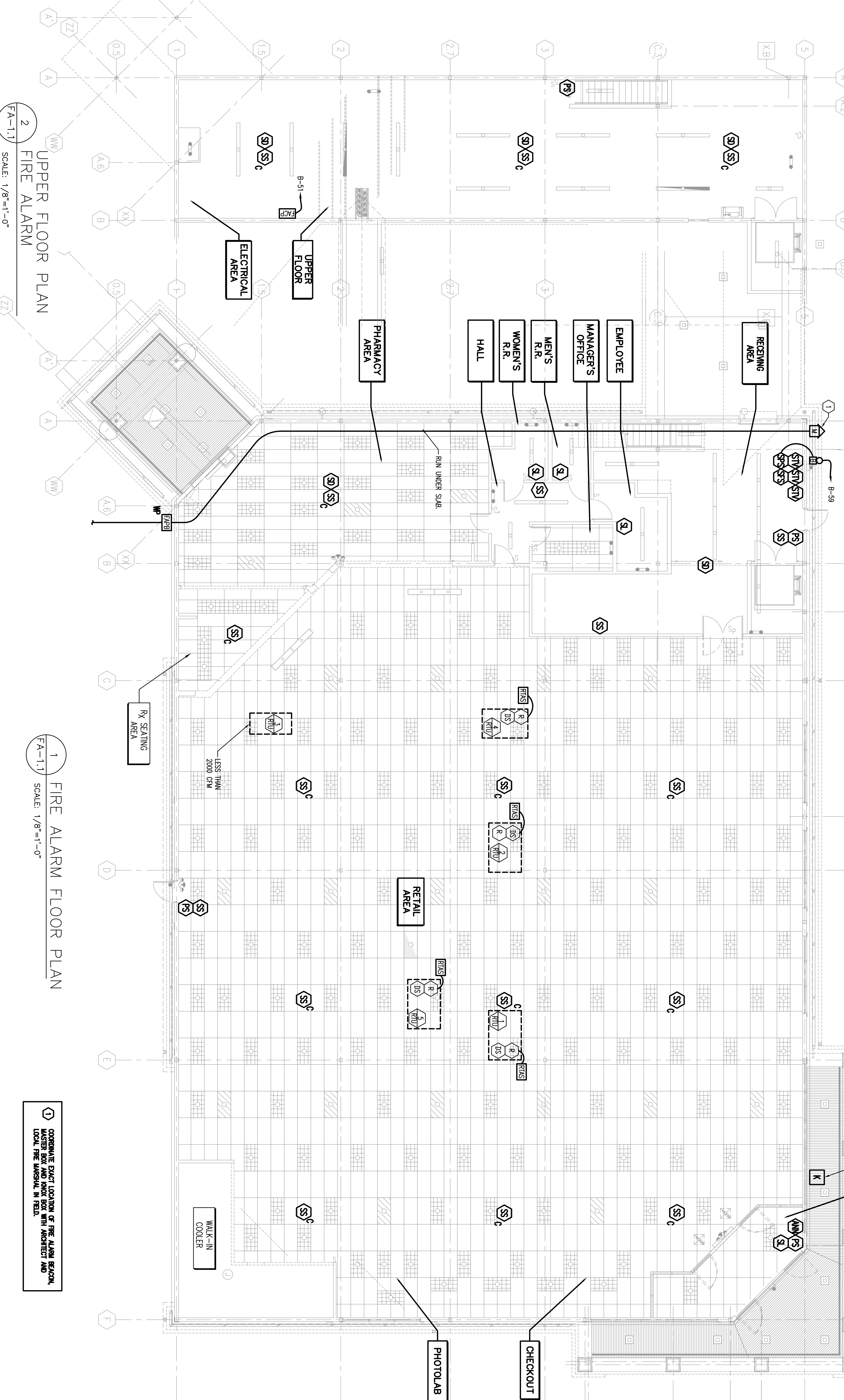
PROVIDE PULL CONNECTION AS DIRECTED BY THE DEPARTMENT ONE-SIXTY EIGHT COMMUNICATION COMPANY

AND BE CONNECTED TO FIRE ALARM CONTROL PANEL BY THE ALARM VENDOR.

WRITE FLOW AND VALVE SUPERVISION SWITCHES TO BE SUPPLIED BY SPRINKLER CO. FIRE ALARM VENDOR TO PROVIDE PULL CONNECTIONS AND CONNECT TO THE FIRE ALARM CONTROL PANEL.



3 FIRE ALARM RISER DIAGRAM
FA-1.7 SCALE: NOT TO SCALE



2 UPPER FLOOR PLAN
FA-1.7 SCALE: 1/8"=1'-0"

1 FIRE ALARM FLOOR PLAN
FA-1.1 SCALE: 1/8"=1'-0"

1 CORRELATE EXACT LOCATION OF THE ALARM BEACON, MASTER BOX AND KNOX BOX WITH ARCHITECT AND LOCAL FIRE MARSHAL IN FIELD.

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DEVELOPER:
A & D REALTY, LLC
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LEXINGTON, MA 02421

NEW STORE NUMBER: 329
NORRIS PLAZA
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SKA Architects, Inc.
Architecture + Interiors

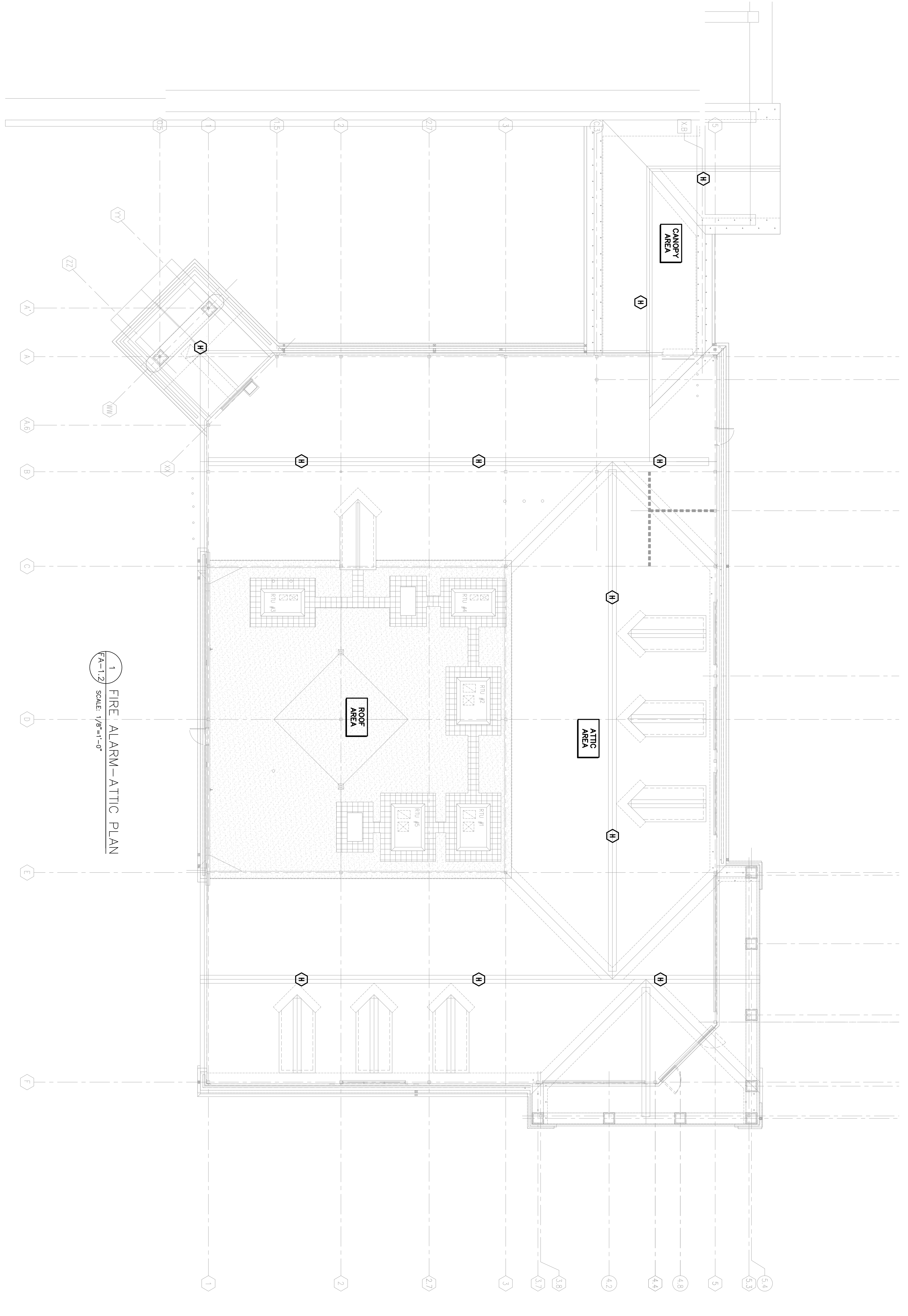
CVS/Pharmacy

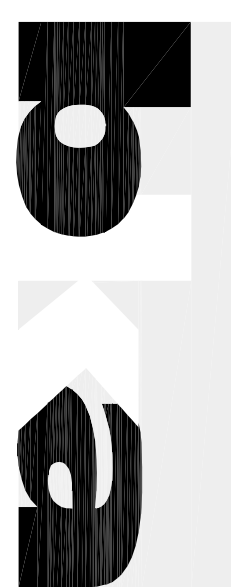
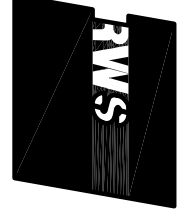
REVISIONS:

DRAWING BY: HYZ
DATE: 8/31/09
JOB NUMBER: 209017
TITLE: FIRE ALARM FLOOR PLANS

SHEET NUMBER: FA-1.1

COMMENTS:
ISSUED FOR CONSTRUCTION



 <p>BKA Architects, Inc. Architecture + Interiors 142 Crescent Street Brockton, MA 02302 tel : 508.583.5603 fax : 508.594.2914 e-mail : bka@bkaarch.com</p>	<p>CONSULTANT:</p>  <p>R. W. S. Ryan Engineering 1100 Commercial Center, Suite 200 Brockton, MA 01921 Phone: 978.325.2277 Fax: 978.325.2816 RWS 028 00789.00</p>	<p>SEAL:</p>	<p>CVS/ <i>pharmacy</i></p> <p>NEW STORE NUMBER: 329 NORTHGATE PLAZA 91 AUBURN STREET PORTLAND, MAINE</p>	<p>DEVELOPER:</p> <p>A & D REALTY, LLC 5 MILITIA DRIVE LEXINGTON, MA 02421</p>	<p>REVISIONS:</p> <p>DRAWING BY: HYZ</p> <p>DATE: 8/31/09</p> <p>JOB NUMBER: 209017</p> <p>TITLE: FIRE ALARM - ATTIC PLAN</p> <p>SHEET NUMBER: FA-1.2</p> <p>COMMENTS: ISSUED FOR CONSTRUCTION</p>
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