

DEKALB COUNTY CENTRAL COMMUNICATIONS CENTER

AUBURN, INDIANA

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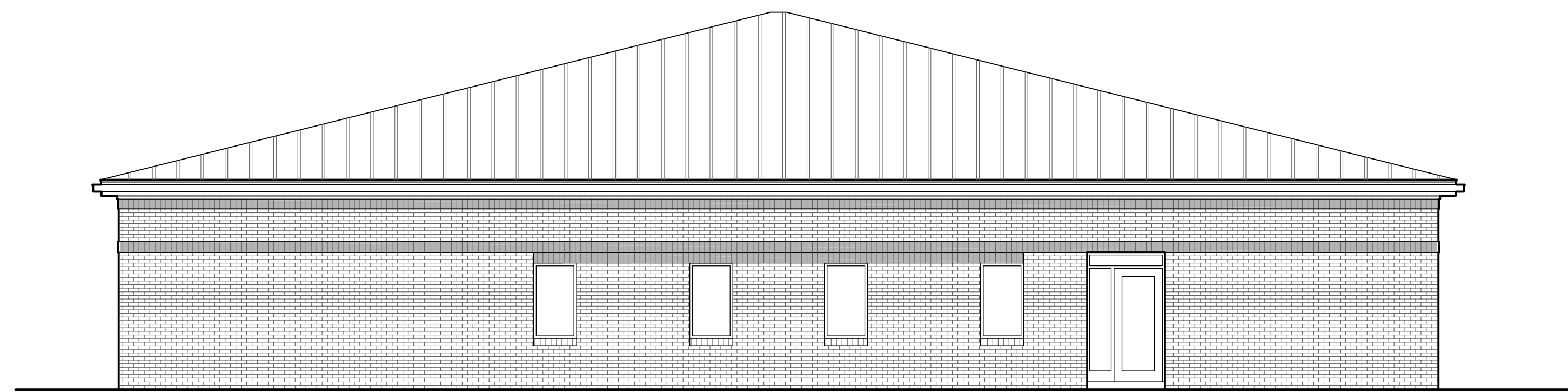
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SYMBOLS LEGEND

--- 100 --- EXIST. CONTOUR LINE
— 100 — NEW CONTOUR LINE
--- BOUNDARY & PROPERTY LINES
--- CENTER & PROJECTED LINES
--- BREAK LINE

CHASE
ROOM NAME EXTERIOR WINDOW NEW DOOR

FINISH FLOOR
FLOOR/STEEL ELEVATIONS

MATCH LINE "A"
MATCH LINE "B"

MATCH LINE WALL FOR DEMOLITION

SECTION REFERENCE
DETAIL REFERENCE

BORROWED LITE PLAN NOTE HALL TYPE

ADDENDUM DEMOLITION PLAN NOTE DETAIL MANUAL #

NEW WALL CONSTRUCTION EXISTING WALL CONSTRUCTION COLUMN COORDINATES

EXIST. SPOT ELEV. NEW SPOT ELEV.

MATERIALS

EARTH/CONCRETE FILL
FINISH FILL (STONE/GRAVEL)

STRUCTURAL CONCRETE
CONCRETE

BRICK (SECTION OR FACE)
MASONRY

STEEL/ALUMINUM

METAL

FINISH HOOD ROUGH HOOD SHIP, BLOCKING

PLYWOOD (LARGE SCALE)
PLYWOOD (SMALL SCALE)

INSULATION (GLASS OR BATT)
INSULATION (GRID)

FINISH WALL BOARD (FIBERBOARD, ETC.)
FINISHES

SEE HALL TYPES
PARTITION INDICATORS

PRELIMINARY - NOT FOR CONSTRUCTION

APPROVED BY :

Bret W. Dodd, AIA

PRINCIPAL ARCHITECT
Bret W. Dodd, AIA Project Architect

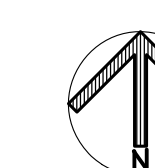
ARCHITECTS & ENGINEERS
RQAW CORPORATION
10401 N. Meridian, Suite 401
Indianapolis, Indiana 46290
(317) 815-7200 FAX (317) 815-7201



LOCATION MAPS



3395 CR 34
Waterloo, Indiana 46793



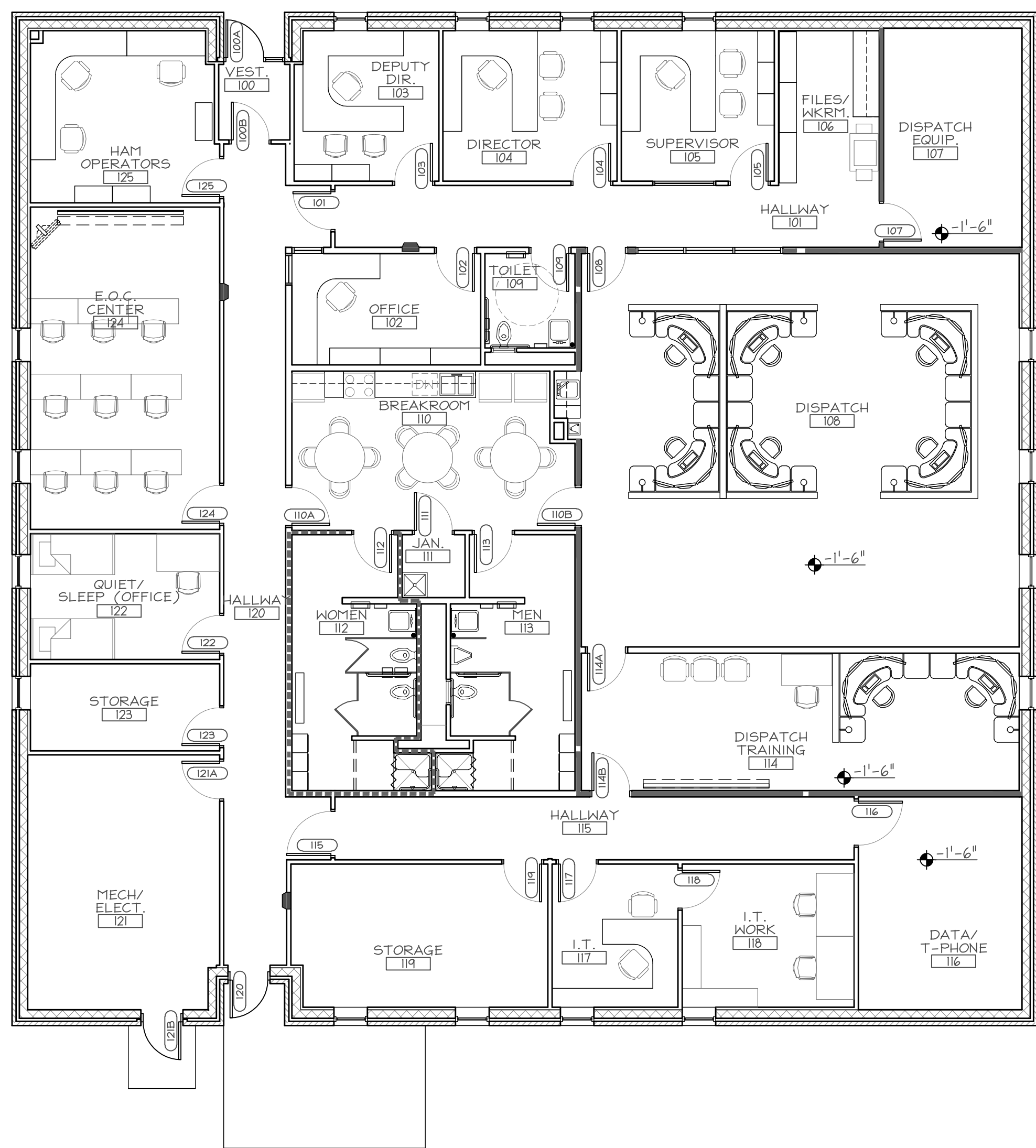
ISSUE DATE

07/27/10

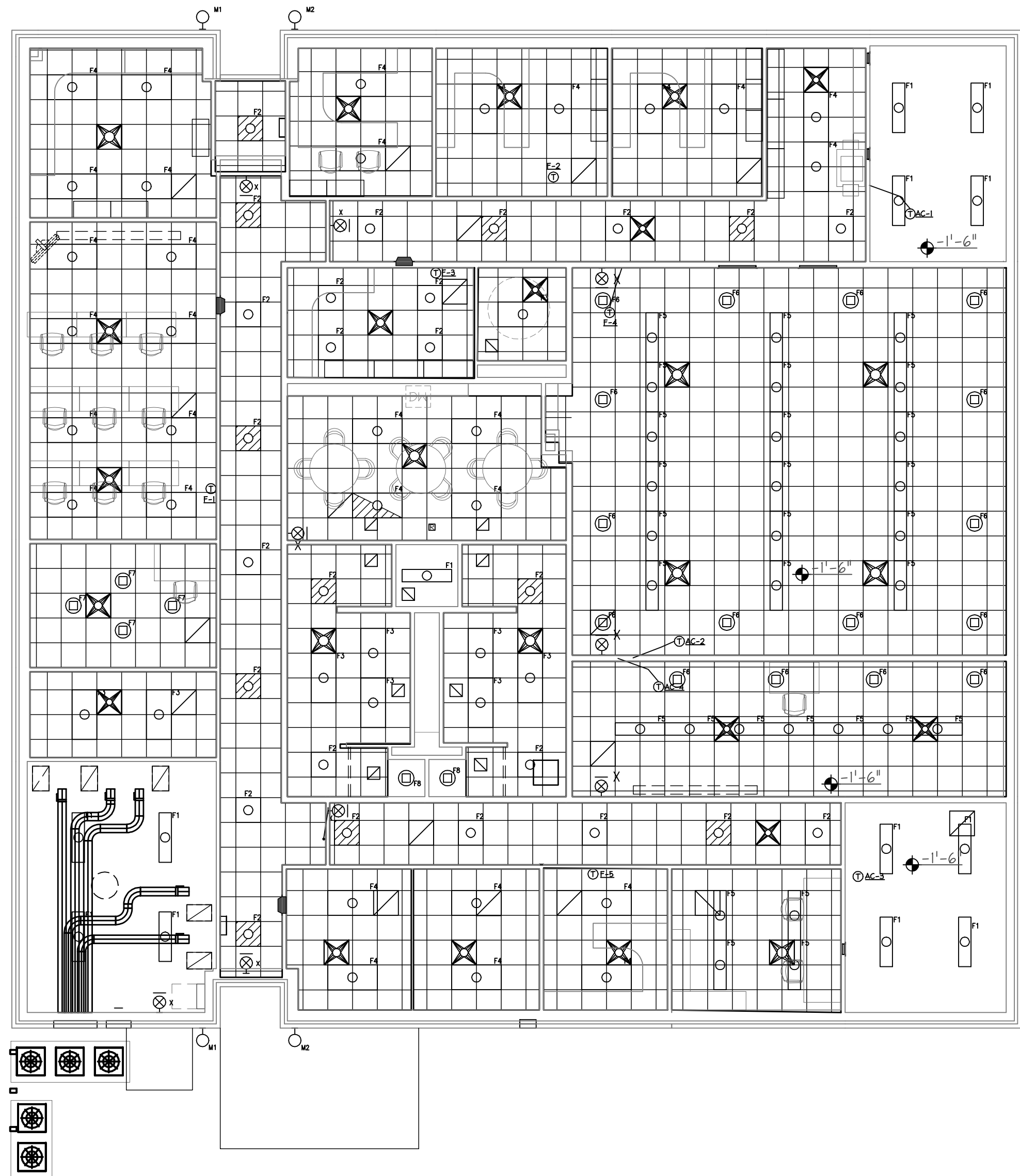
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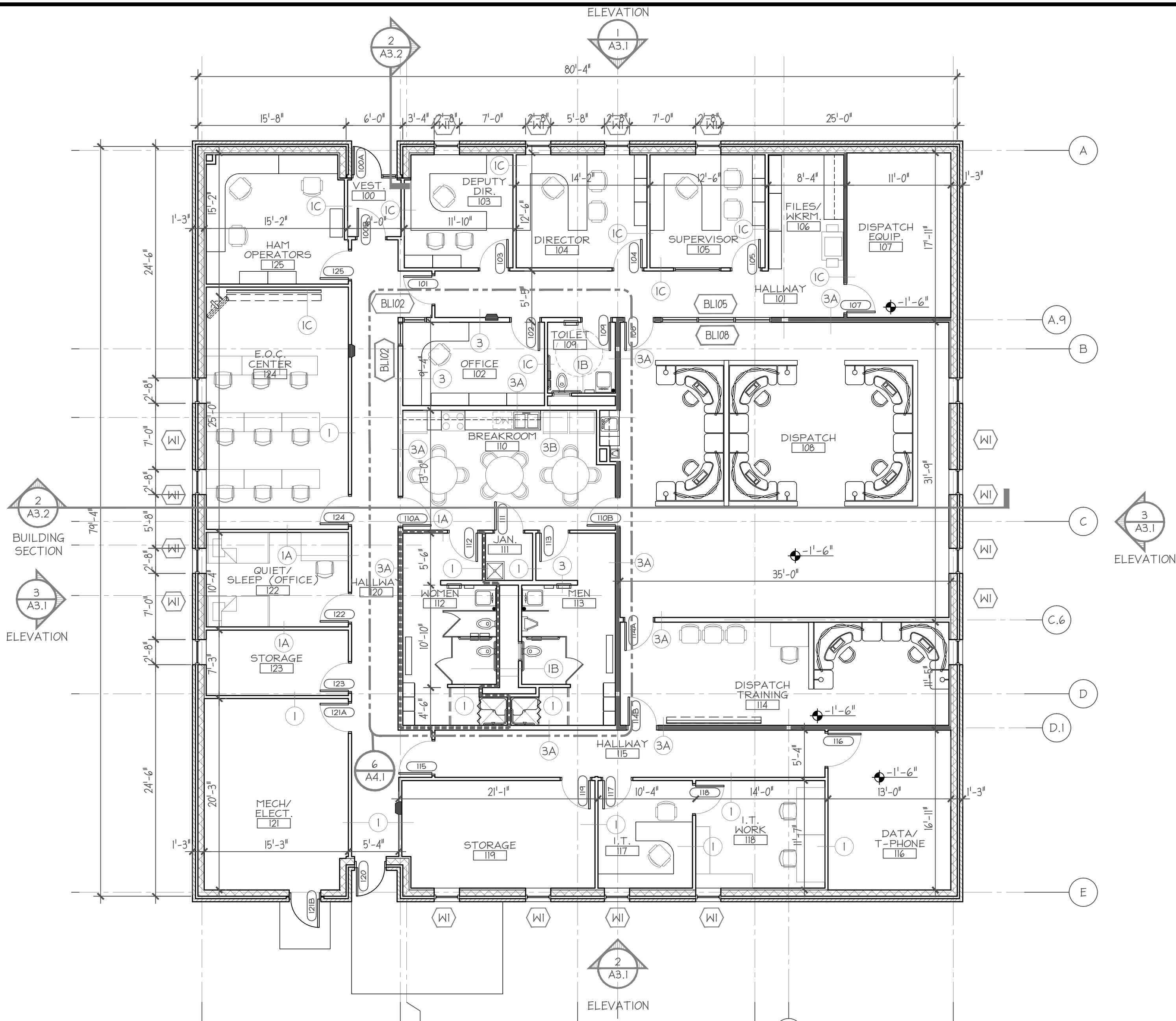
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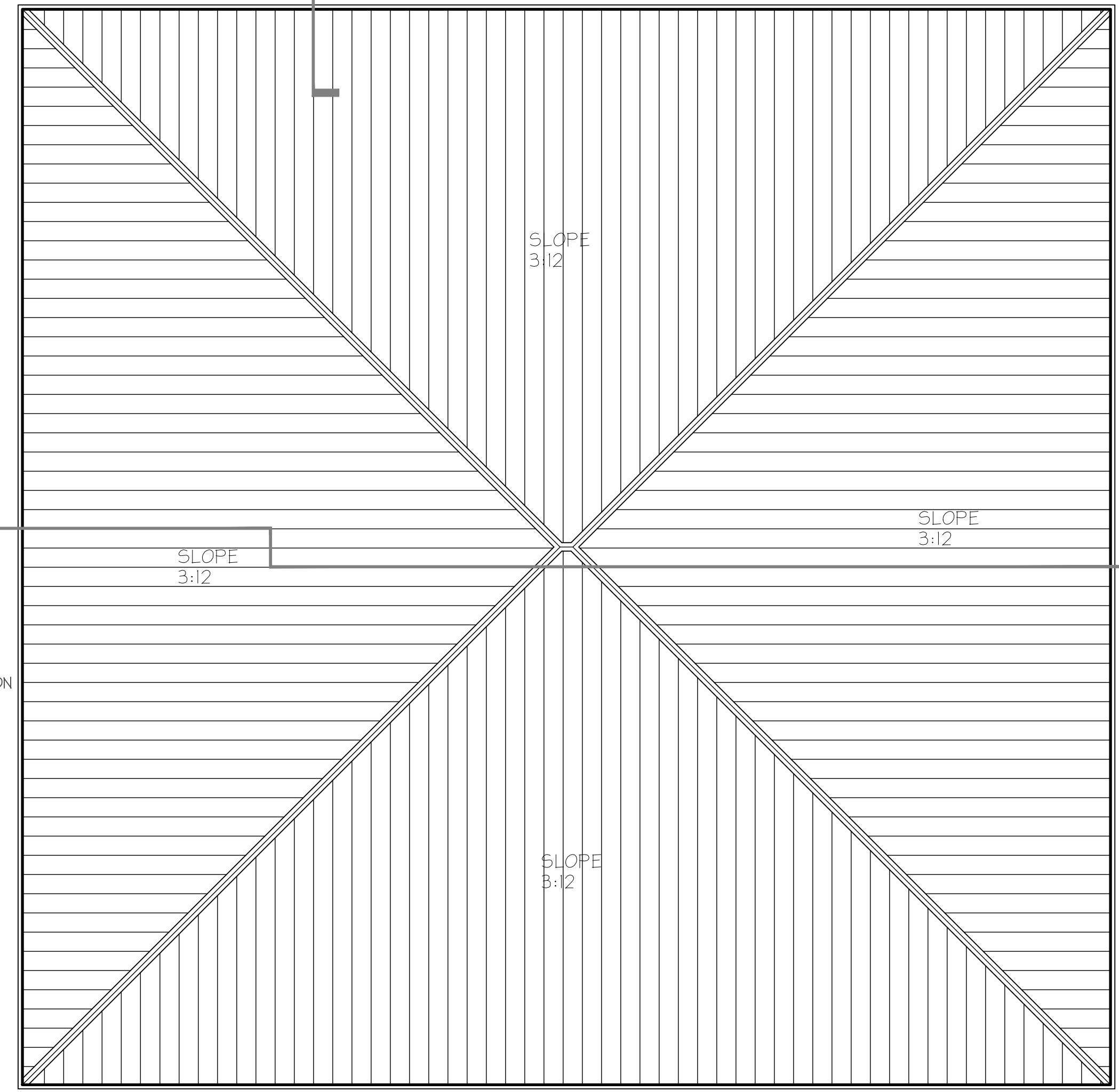
3 CODE COMPLIANCE PLAN
SCALE: 1/8"=1'-0" B-Plan02.dwg



4 REFLECTED CEILING PLAN
SCALE: 1/8"=1'-0" B-Plan02.dwg



1 FLOOR PLAN
SCALE: 1/8"=1'-0" B-Plan02.dwg



2 ROOF PLAN
SCALE: 1/8"=1'-0" B-Plan02.dwg

- GENERAL NOTES:**
1. ALL MASONRY SHALL BE NORMAL WEIGHT UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE AS NOTED AND NOT AS DRAWN.
 3. ALL DIMENSIONS ARE FROM FACE OF NOMINAL MASONRY AND FROM FACE OF STUD.
 4. ALL BUILDING MATERIALS (INCLUDING BUT NOT LIMITED TO METAL FLASHING, VAPOR BARRIERS, AIR/WATER RESISTANT BARRIERS, THRU-WALL FLASHING, ETC.) SHALL BE LAPPED TO SHED WATER TO THE OUTSIDE OF THE BUILDING ENVELOPE OR DRAINAGE CAVITY.
 5. AT ALL SHOWERS, USE CEMENTITIOUS BACKING BOARD IN LIEU OF GYPSUM WALL BOARD. AT ALL TOILET ROOMS, USE MOISTURE RESISTANT GYPSUM WALL BOARD.
 6. PLAN NOTES INDICATE ONE GRAPHIC REPRESENTATION TYPICAL. THE CONTRACTOR SHALL USE THE GRAPHIC REPRESENTATIONS FOR THE COUNT, NOT THE KEYED PLAN NOTES. THE ABSENCE OF A KEYED PLAN NOTES ON THE PLAN DOES NOT ABSOLVE THE CONTRACTOR FROM PROVIDING THE FEATURE GRAPHICALLY REPRESENTED ON THE DRAWING.
 9. REFER TO WALL/BUILDING SECTIONS FOR EXTERIOR WALL TYPES.
 10. ALL GYP. BD. SHALL BE A LEVEL 4 FINISH.
 11. SOUND ATTENUATION WHERE NOTED SHALL BE 3" ROCK-WOOL IN STUD CAVITIES COMPLETE.
 12. ALL HALLWAY OUTSIDE CORNERS ARE TO RECEIVE CORNER GUARDS TO 6'-0" A.F.F.
 13. SEE SHEET A2.2 FOR ROOM FINISH SCHEDULE

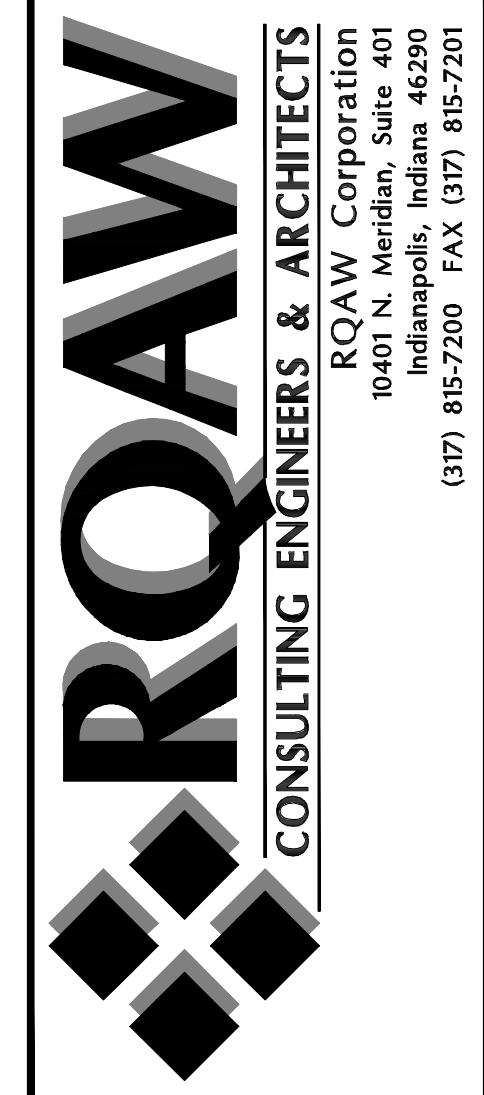
- PLAN NOTES**
- 1 JANITOR MOP SINK - SEE DETAIL 11/A4.1
 - 2 24"x24"x72" PLASTIC LAMINATE WARDROBE LOCKERS - SEE DETAIL 12/A4.1
 - 3 LOCKER ROOM BENCH
 - 4 CASEWORK - SEE ELEVATIONS: A4.1
 - 5 SEMI RECESSED FIRE EXTINGUISHER CABINET - SEE DETAIL 6/A4.2
 - 6 PLASTIC LAMINATE WORK SURFACE - SEE DETAIL 9/A4.1
 - 7 DRINKING FOUNTAIN
 - 8 ELECTRIC RANGE WITH RANGE HOOD

NOTE:

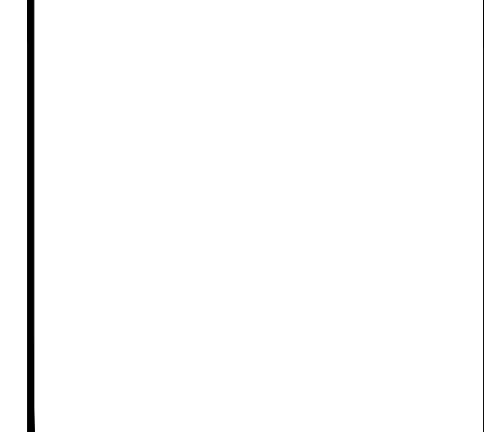
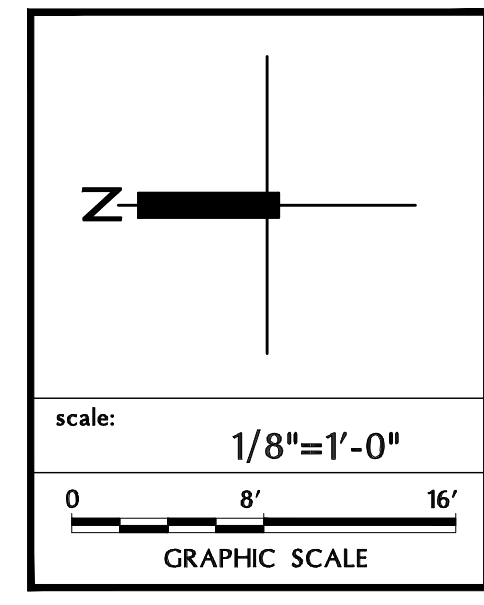
1. PLAN NOTES INDICATE ONE GRAPHIC REPRESENTATION TYPICAL. THE CONTRACTOR SHALL USE THE GRAPHIC REPRESENTATIONS FOR THE COUNT, NOT THE KEYED PLAN NOTES. THE ABSENCE OF A KEYED PLAN NOTE ON THE PLAN DOES NOT ABSOLVE THE CONTRACTOR FROM PROVIDING THE FEATURE GRAPHICALLY REPRESENTED ON THE DRAWING.

- WALL TYPE LEGEND:**
- ① 4" METAL STUDS @ 16" O.C. WITH 5/8" GYPSUM BOARD EACH SIDE
 - ①A 4" METAL STUDS @ 16" O.C. WITH 3" SOUND ATTENUATION INSULATION AND 5/8" GYPSUM BOARD EACH SIDE
 - ①B 4" METAL STUDS @ 16" O.C. WITH 5/8" GYPSUM BOARD ONE SIDE
 - ①C 4" METAL STUDS @ 16" O.C. WITH 5/8" GYPSUM BOARD EACH SIDE, 4" ABOVE CEILING AND 3" SOUND ATTENUATION INSULATION IN STUD CAVITY AND 24" OVER CEILING IN ALL DIRECTIONS.
 - ③ 6" METAL STUDS @ 16" O.C. WITH 5/8" GYPSUM BOARD EACH SIDE
 - ③A 6" METAL STUDS @ 16" O.C. WITH 3" SOUND ATTENUATION INSULATION AND 5/8" GYPSUM BOARD EACH SIDE
 - ③B 6" METAL STUDS @ 16" O.C. WITH 5/8" GYPSUM BOARD ONE SIDE
- INDICATES WALLS TO DECK.
 — INDICATES WALLS TO 12'-0"

- NOTES:**
1. SEE CODE COMPLIANCE PLANS FOR FIRE RATED WALLS
 2. FOR GYPSUM BOARD WALLS IN TOILETS USE MOISTURE RESISTANT BOARD. FOR WALL TO RECEIVE CERAMIC TILE, USE TILE BACKER BOARD
 3. REFER TO WALL SECTIONS FOR EXTERIOR WALL TYPES



date	revision

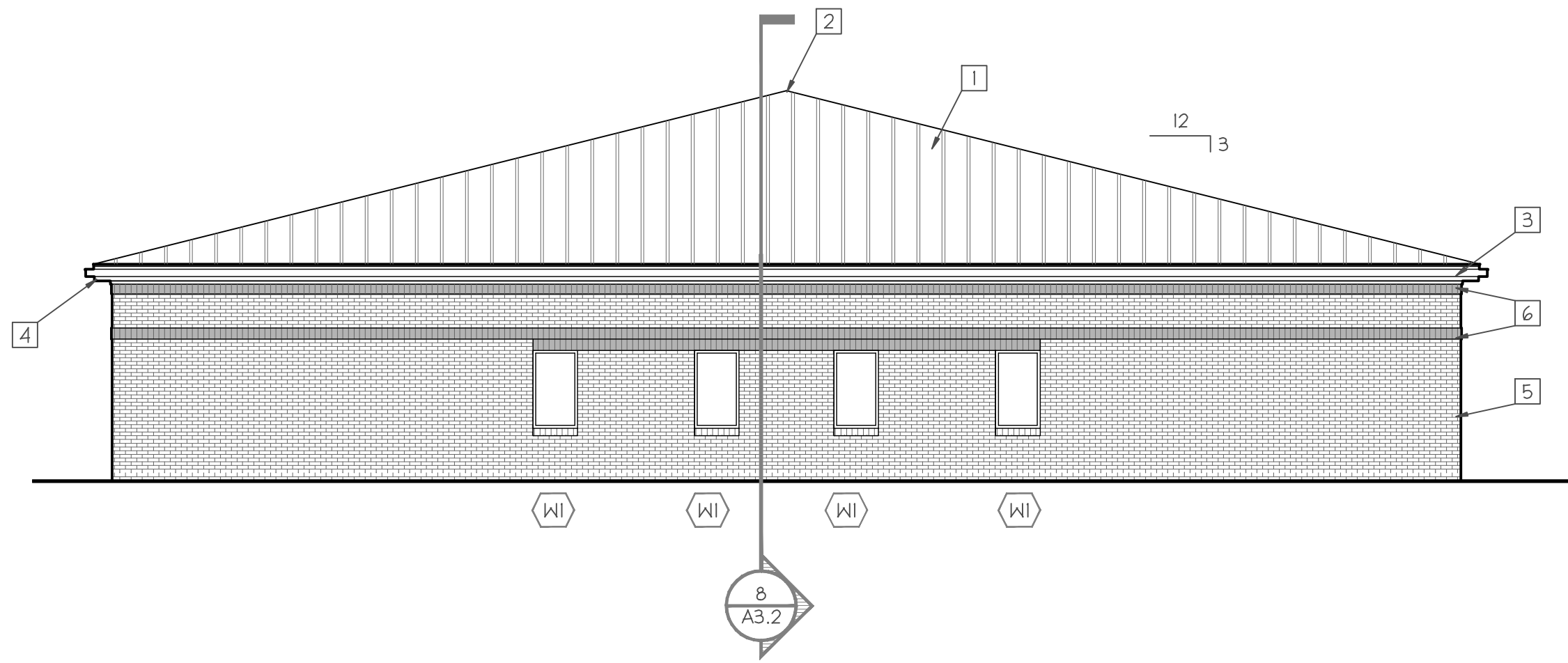


FIRST FLOOR, ROOF, CODE COMPLIANCE AND REFLECTED CEILING PLANS

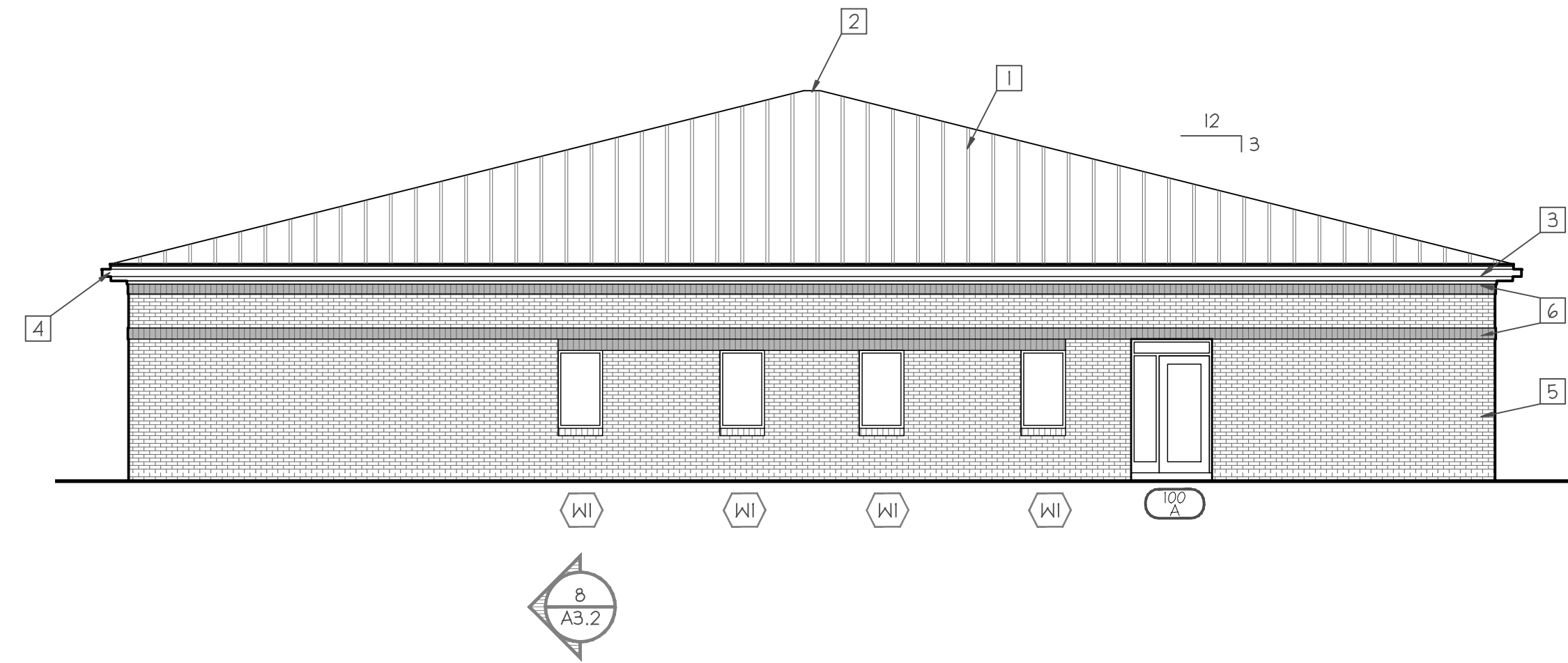
**DEKALB COUNTY
CENTRAL COMMUNICATIONS CENTER**

AUBURN
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SHEET
A2.1



3 NORTH AND SOUTH ELEVATION
SCALE: 1/8"=1'-0"
A-Elev01.dwg

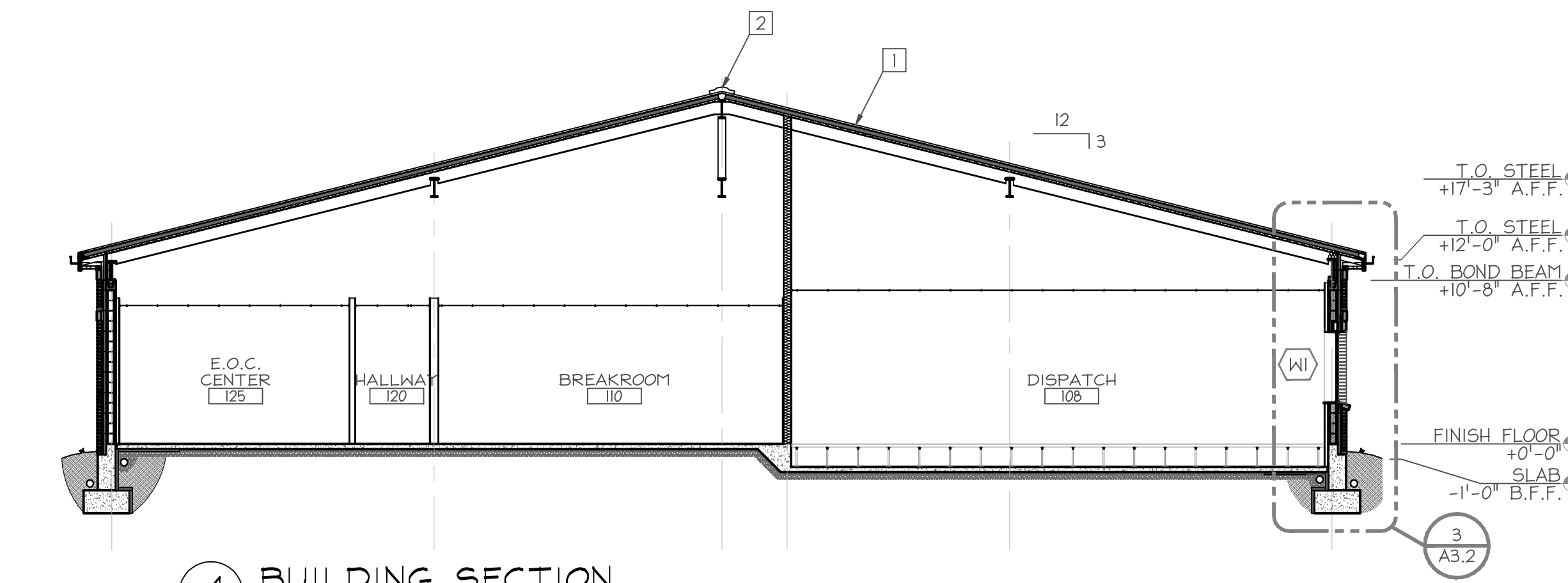


1 EAST ELEVATION
SCALE: 1/8"=1'-0"
A-Elev01.dwg

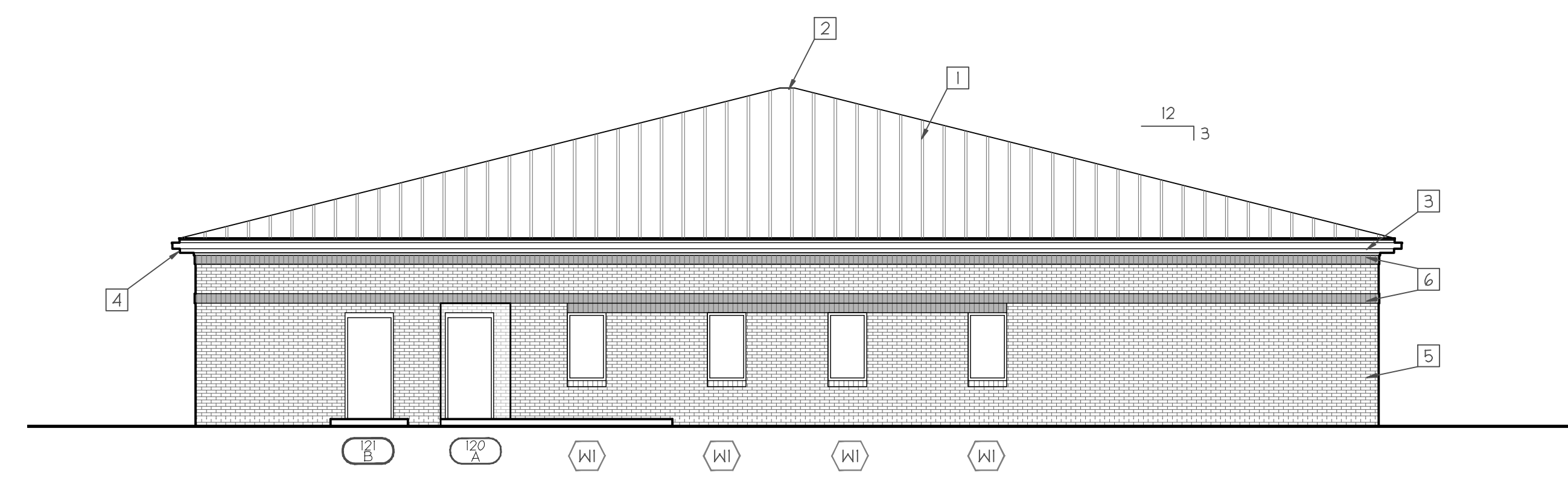
- ELEVATION NOTES**
- 1 STANDING SEAM METAL ROOF
 - 2 RIDGE CAP
 - 3 PREFINISHED ALUMINUM GUTTERS & DOWNSPOUTS
 - 4 PREFINISHED ALUMINUM CLAD FASCIA
 - 5 BRICK VENEER COLOR 1
 - 6 BRICK VENEER SOLDIER COURSE COLOR 2
 - 7 BRICK ROWLOCK

GENERAL NOTES:

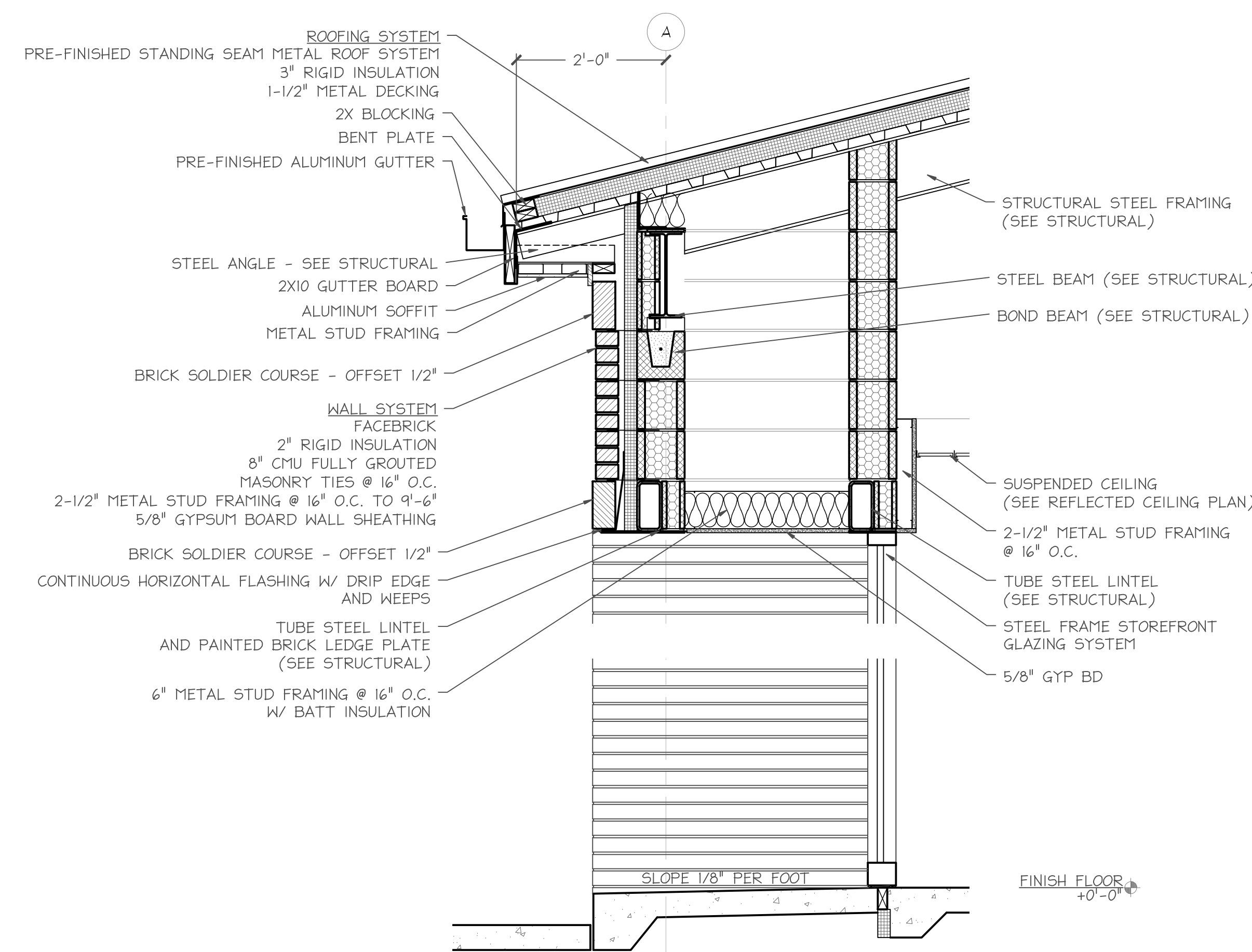
1. ELEVATION NOTES INDICATE ONE GRAPHIC REPRESENTATION TYPICAL. THE CONTRACTOR SHALL USE THE GRAPHIC REPRESENTATIONS FOR THE COUNT, NOT THE KEYPAD PLAN NOTES. THE ABSENCE OF KEYPAD ELEVATION NOTES ON THE PLAN DOES NOT ABSOLVE THE CONTRACTOR FROM PROVIDING THE FEATURE GRAPHICALLY REPRESENTED ON THE DRAWING.



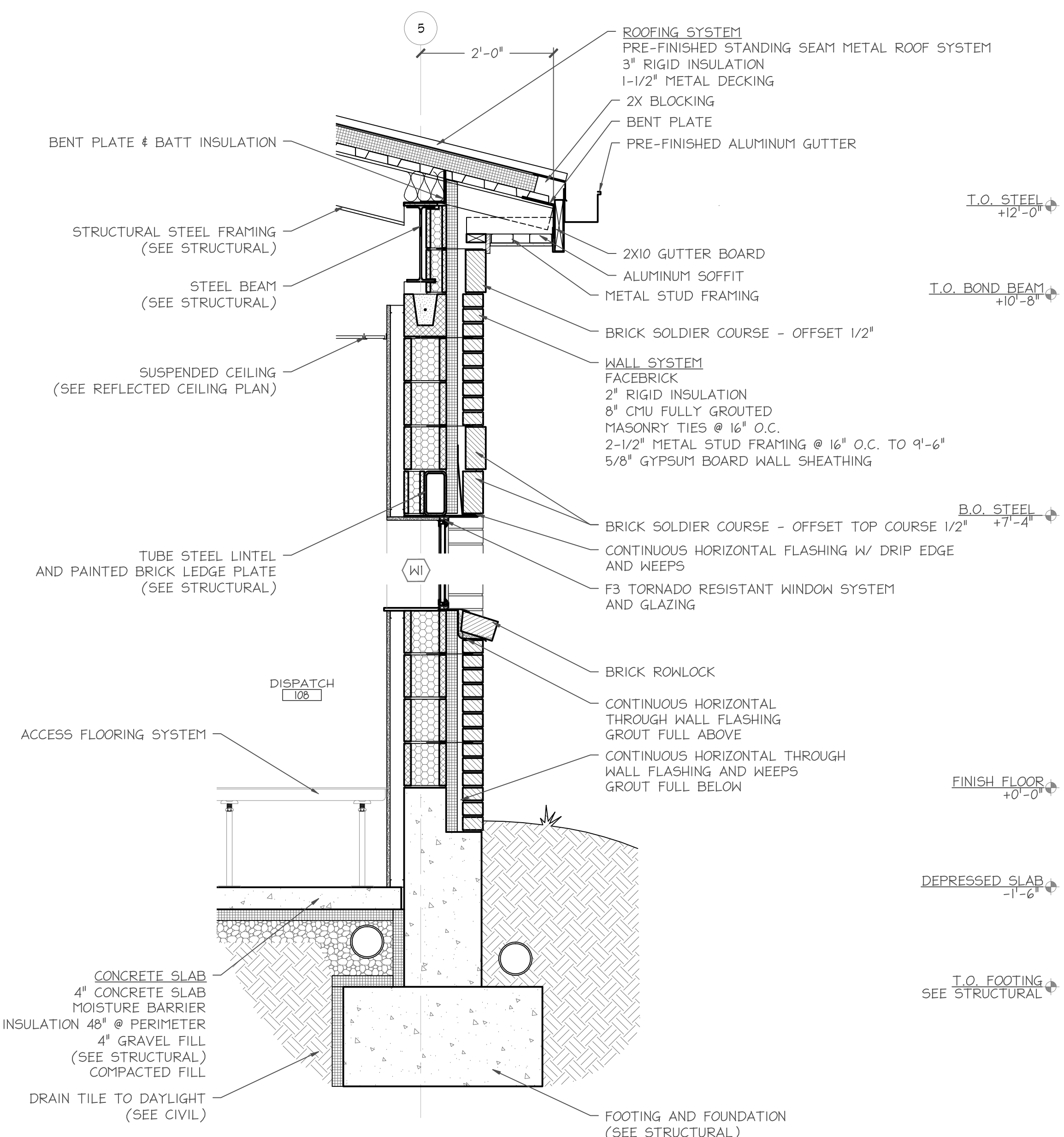
4 BUILDING SECTION
SCALE: 1/8"=1'-0"
A-Elev01.dwg



2 WEST ELEVATION
SCALE: 1/8"=1'-0"
A-Elev01.dwg



6 WALL SECTION
SCALE: 1/8"=1'-0"
A-Elev01.dwg



5 WALL SECTION
SCALE: 1/8"=1'-0"
A-Elev01.dwg

date	revision	sym

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

0 8' 16'

GRAPHIC SCALE

job#	contract#	designer	drawn	checked	date
210-0651		B. DODD	C. GRAY	B. DODD	

EXTERIOR ELEVATIONS AND SECTIONS

DEKALB COUNTY

CENTRAL COMMUNICATIONS CENTER

AUBURN, IN

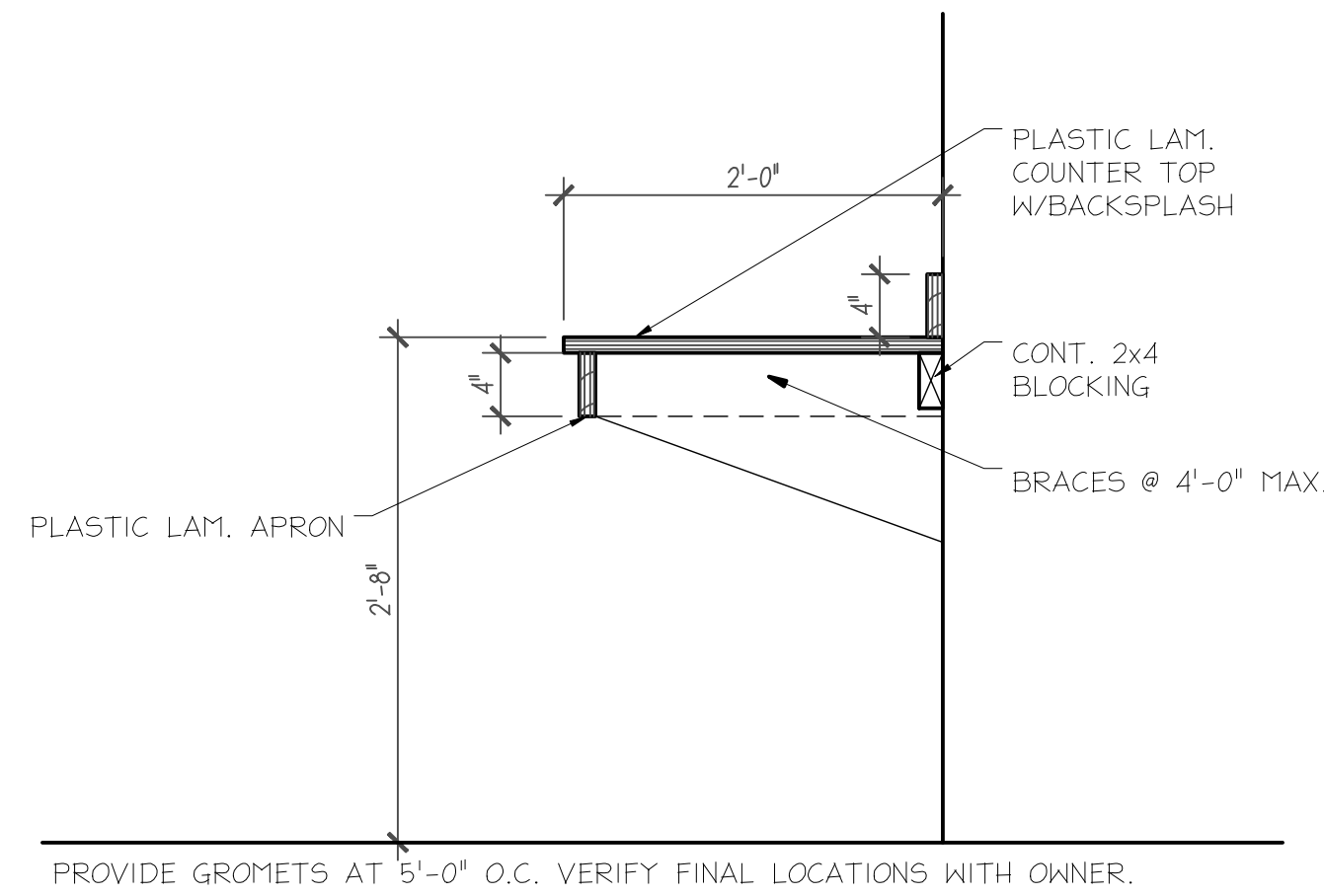
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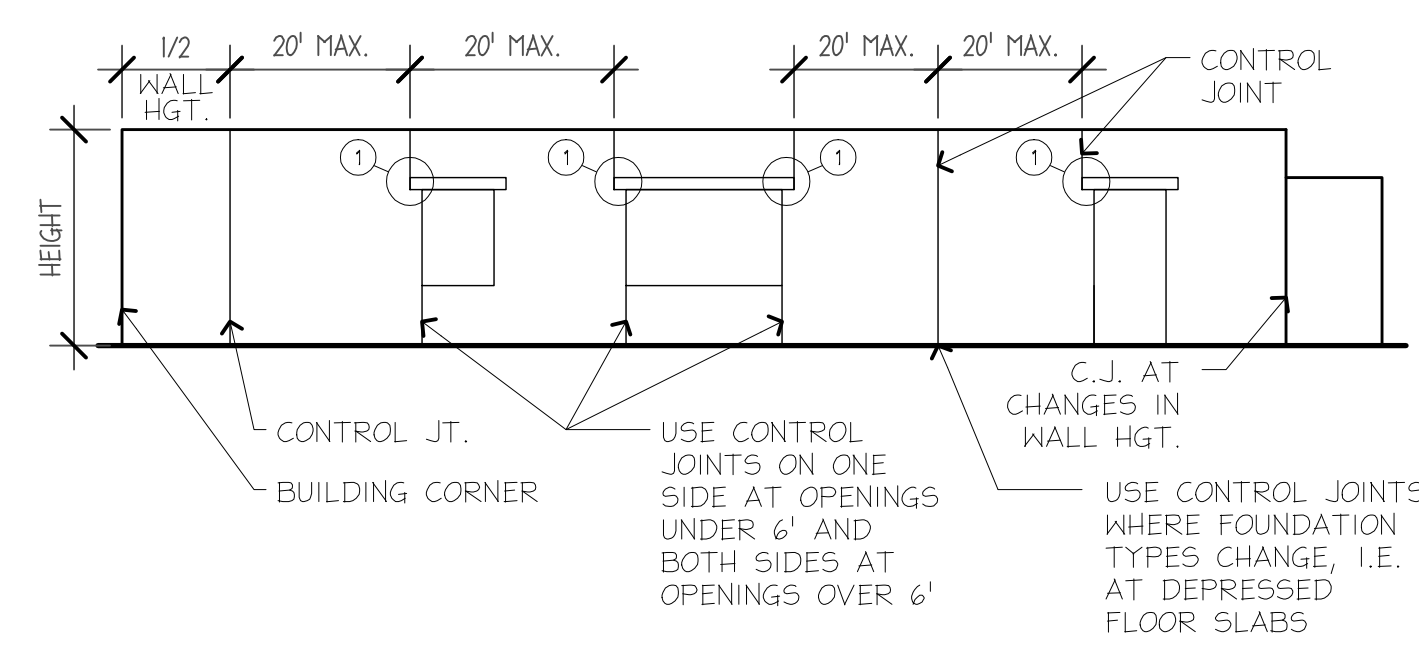
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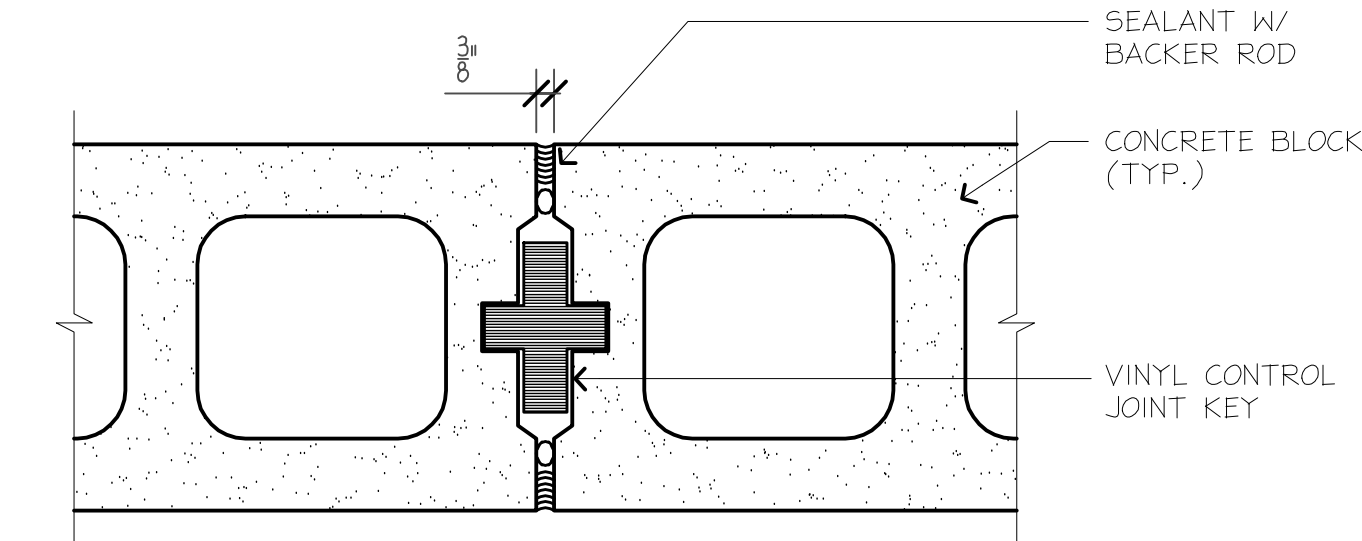
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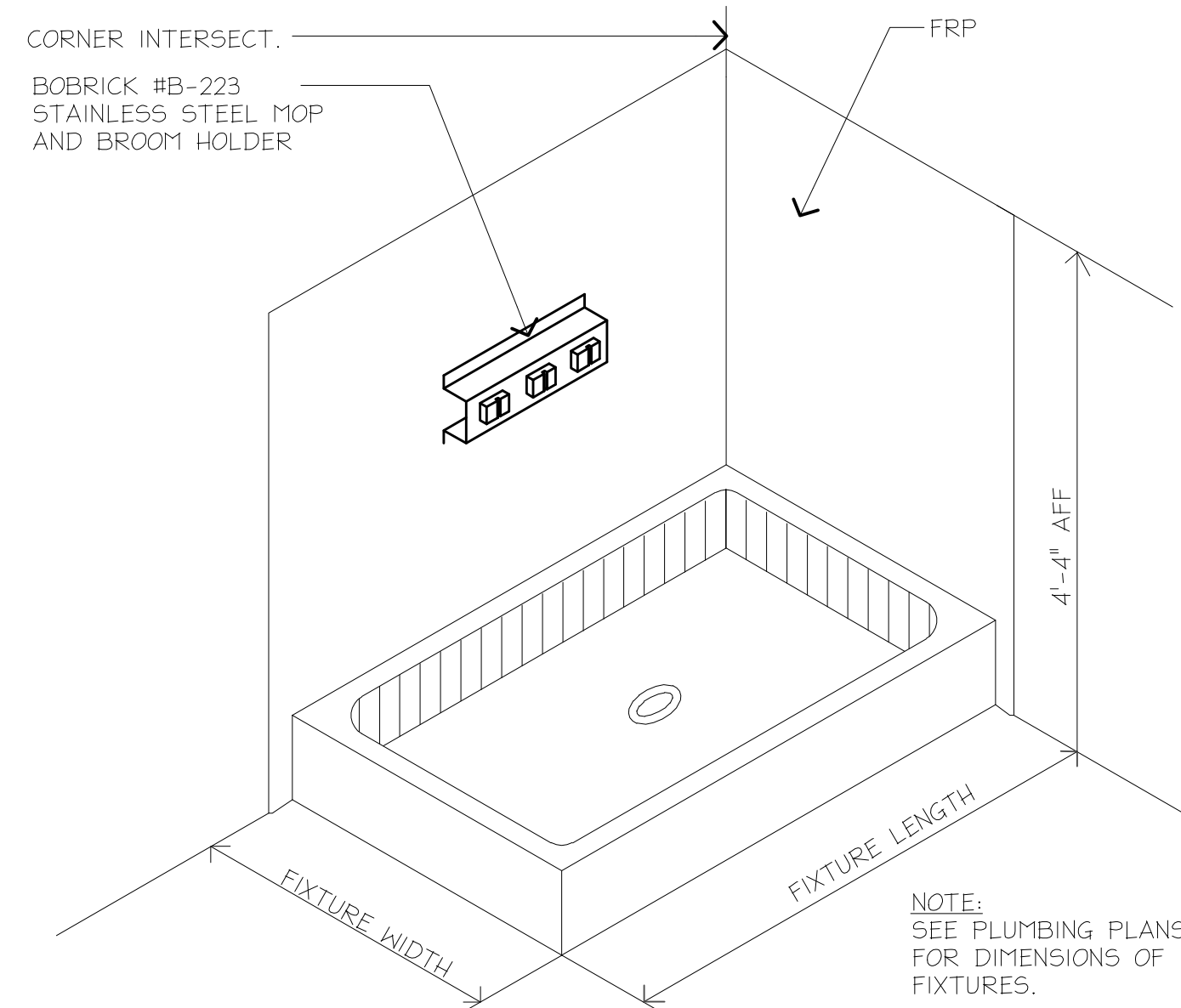
9 PLASTIC LAMINATE WORK SURFACE
SCALE: 1/4"=1'-0" 04400-02.dwg



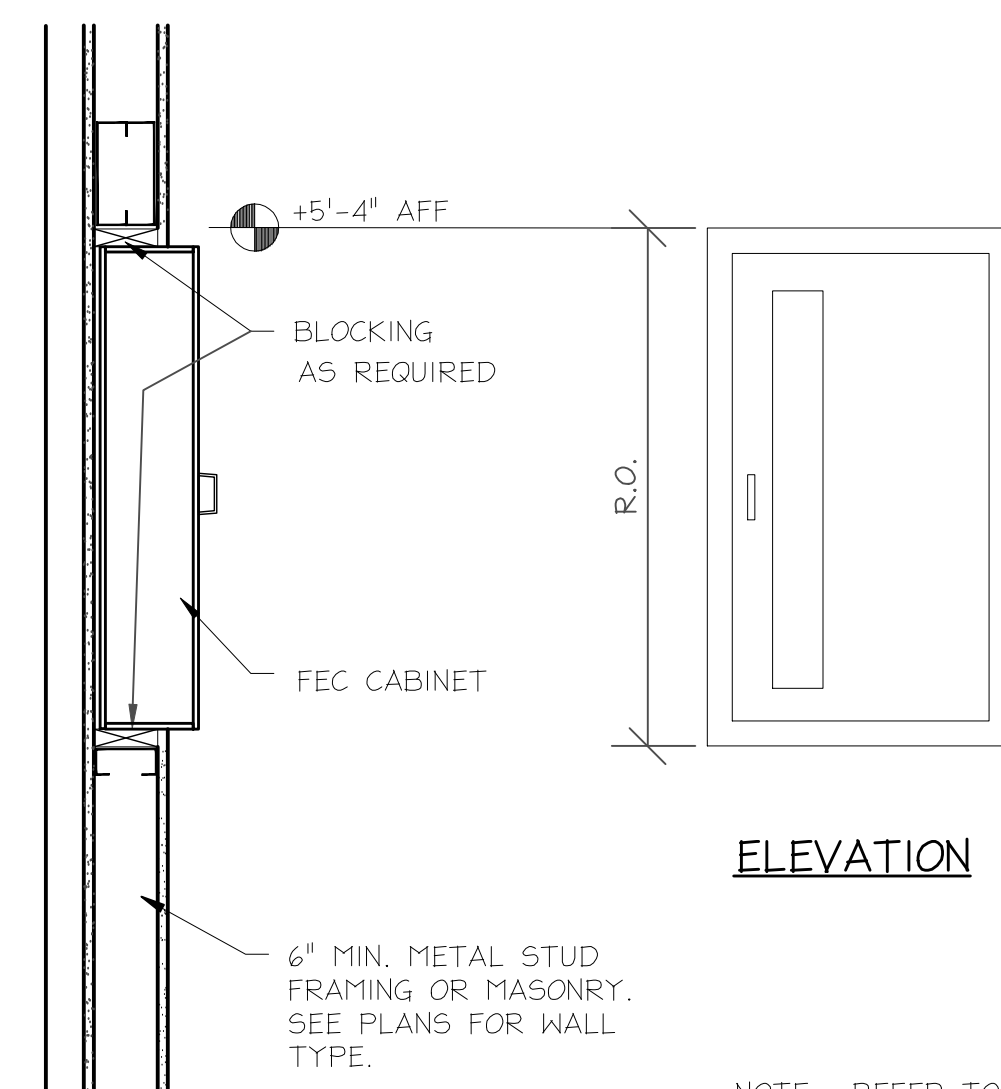
6 TYPICAL CONTROL JOINT LOCATIONS / ELEVATION
SCALE: N.T.S. 04300-01.dwg



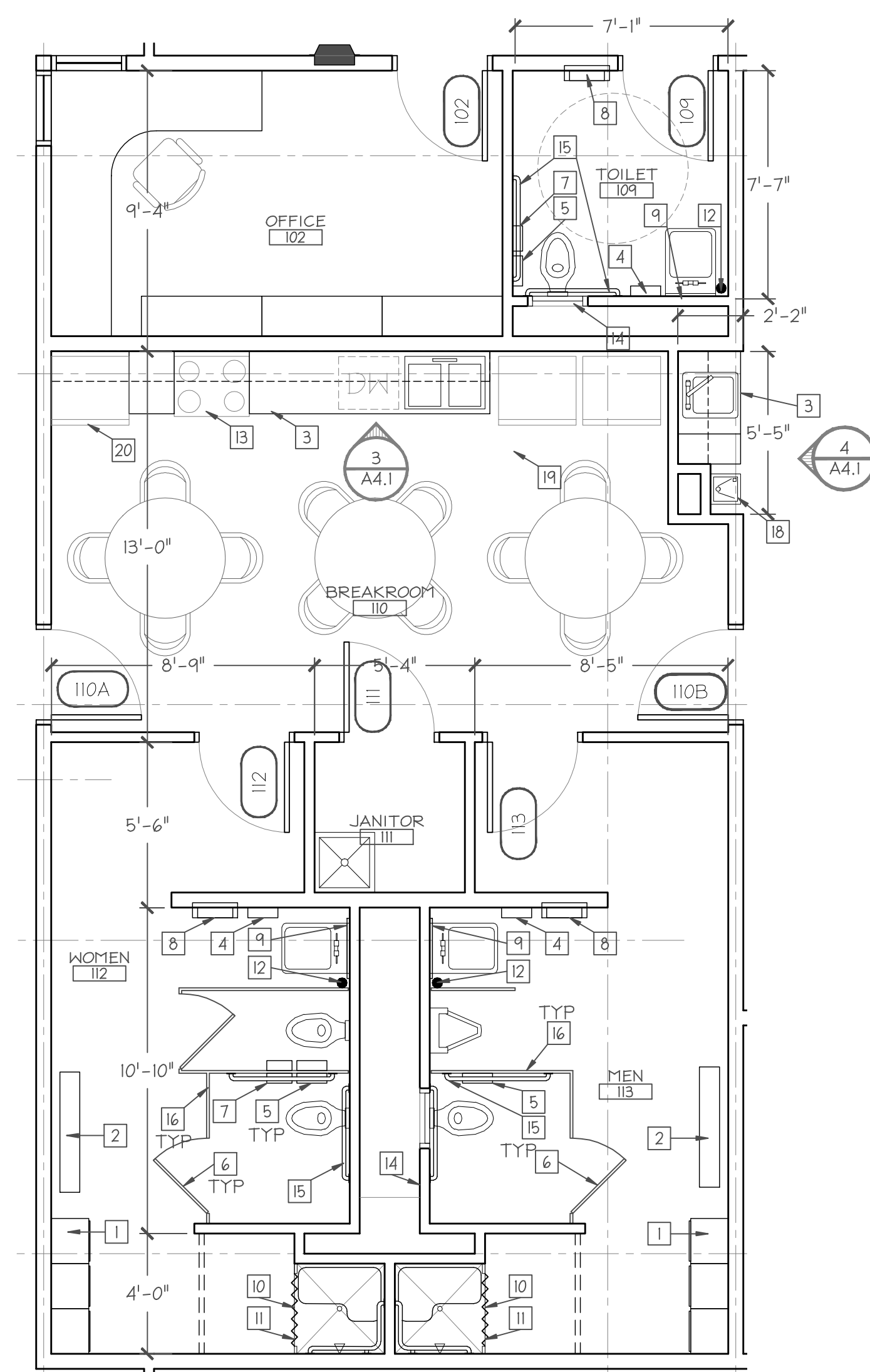
7 #04300.02 TYPICAL CONTROL JOINT AT INT. WALL
SCALE: 3/8"=1'-0" 04300-02.dwg



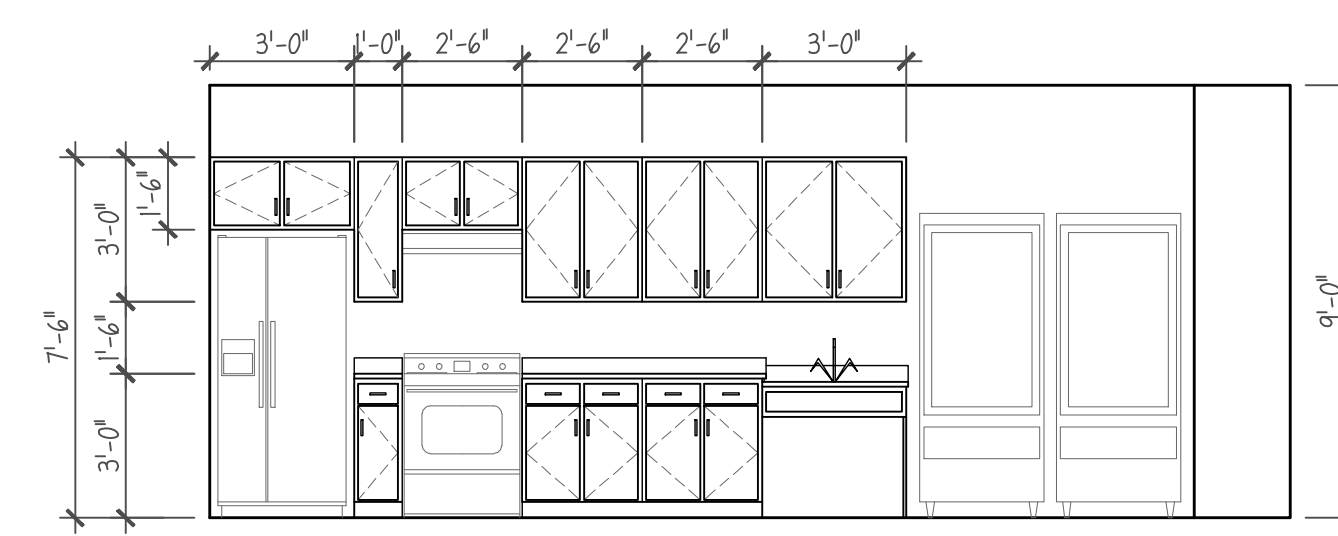
11 JANITORS MOP SINK
SCALE: FULL Det1-5501.dwg



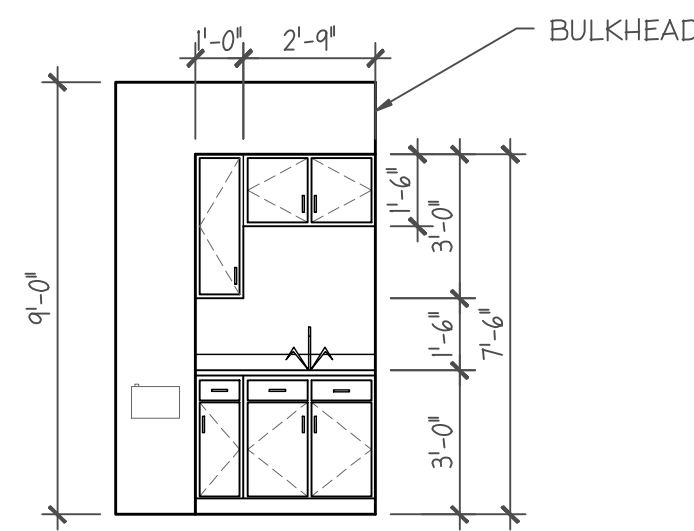
8 SEMI-RECESSED F.E.C. MTL. STUD WALL CONSTRUCTION
SCALE: 1/4"=1'-0" Det1-5502.dwg



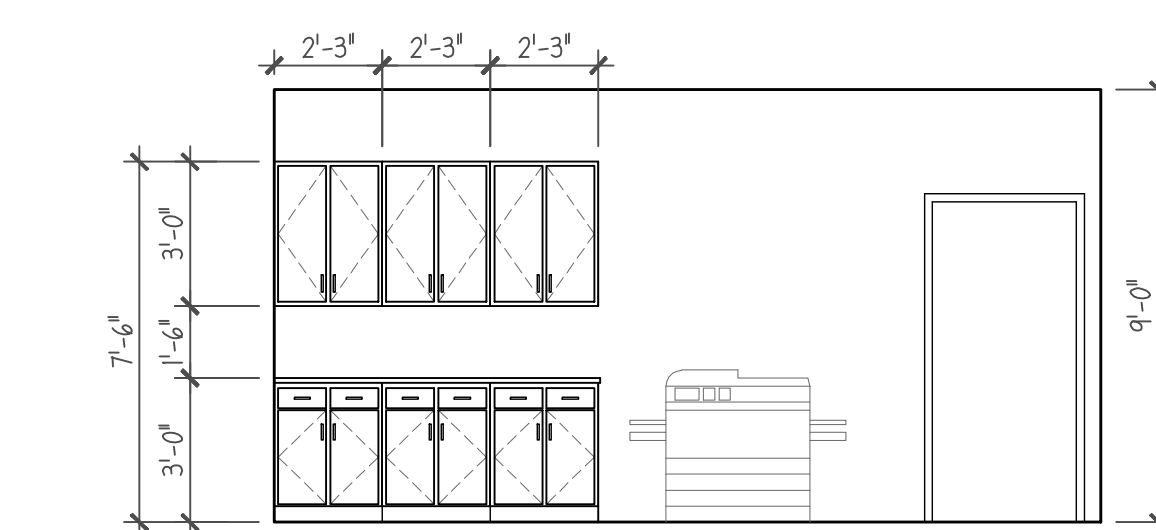
2 ENLARGED PLAN ROOMS #108 & #109
SCALE: 1/4"=1'-0" B-Plan01.dwg



3 KITCHEN CASEWORK ELEVATION
SCALE: 1/4"=1'-0"

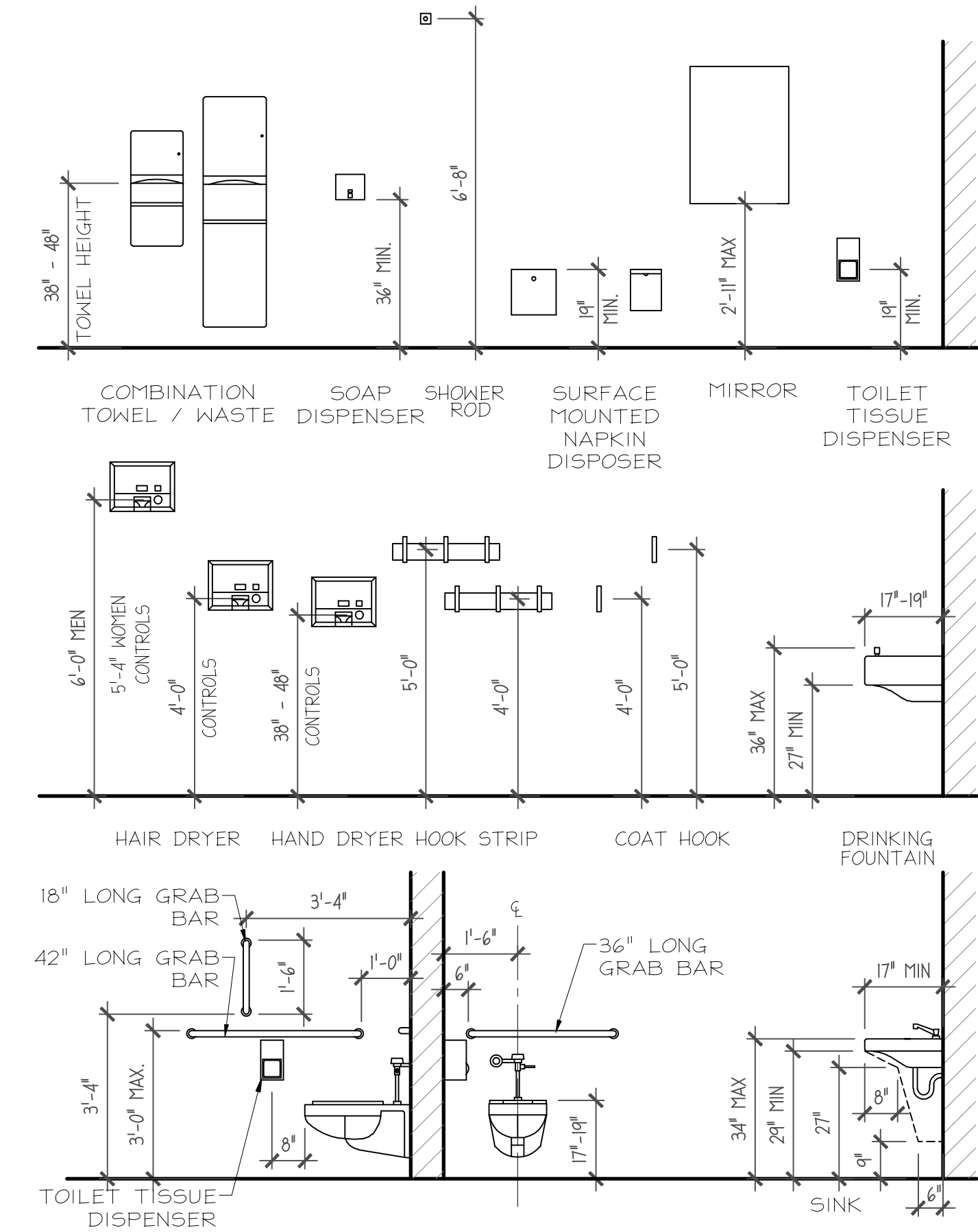


4 DISPATCH CASEWORK ELEVATION
SCALE: 1/4"=1'-0"



5 FILES/WORKROOM CASEWORK ELEVATION
SCALE: 1/4"=1'-0"

NOTE: ALL ACCESSORIES TO BE MOUNTED AS PER A.D.A. REQUIREMENTS MOUNTING HEIGHTS MAY VARY BASED ON MANUFACTURER



1 TOILET ACCESSORY MOUNTING HEIGHTS
SCALE: 3/8"=1'-0" ACCSHGTS.dwg

ENLARGED PLAN NOTES

- 1 24"x24"x 36" STACKED VENTED PRE-FINISHED METAL LOCKERS
- 2 BENCHES - BRADLEY LENOX PEDESTAL BENCH OR APPROVED EQUAL
- 3 PLASTIC LAMINATE COUNTERTOP W/ BACKSPASH
- 4 MOTION SENSOR PAPER TOWEL DISPENSER
- 5 DOUBLE ROLL SURFACE MOUNTED TOILET PAPER DISPENSER
- 6 WARDROBE HOOK ON PARTITION DOOR
- 7 SURFACE MOUNTED FEMINE NAPKIN DISPOSAL
- 8 SEMI-RECESSED WASTE RECEPTACLE
- 9 24" FRAMELESS PLATE GLASS MIRROR FROM SPLASH TO 8'-0" A.F.F.
- 10 WHITE & GA ANTI MICROBIAL VINYL SHOWER CURTAIN
- 11 PRECAST TERRAZZO SHOWER BASE
- 12 MOTION SENSOR SOAP DISPENSER
- 13 GAS RANGE W/ RANGE HOOD
- 14 18x24 ACCESS PANEL
- 15 GRAB BARS; SEE 1/A4.1
- 16 TOILET PARTITION
- 17 PLASTIC LAMINATE BASE AND WALL CABINETS
- 18 WATER COOLER - SEE PLUMBING
- 19 VENDING MACHINES BY OWNER
- 20 SIDE BY SIDE REFRIGERATOR W/ ICEMAKER

GENERAL NOTE:
1. ALL TOILET ACCESSORIES ARE TO BE FURNISHED AND INSTALLED BY G.C. UNLESS NOTED OTHERWISE.

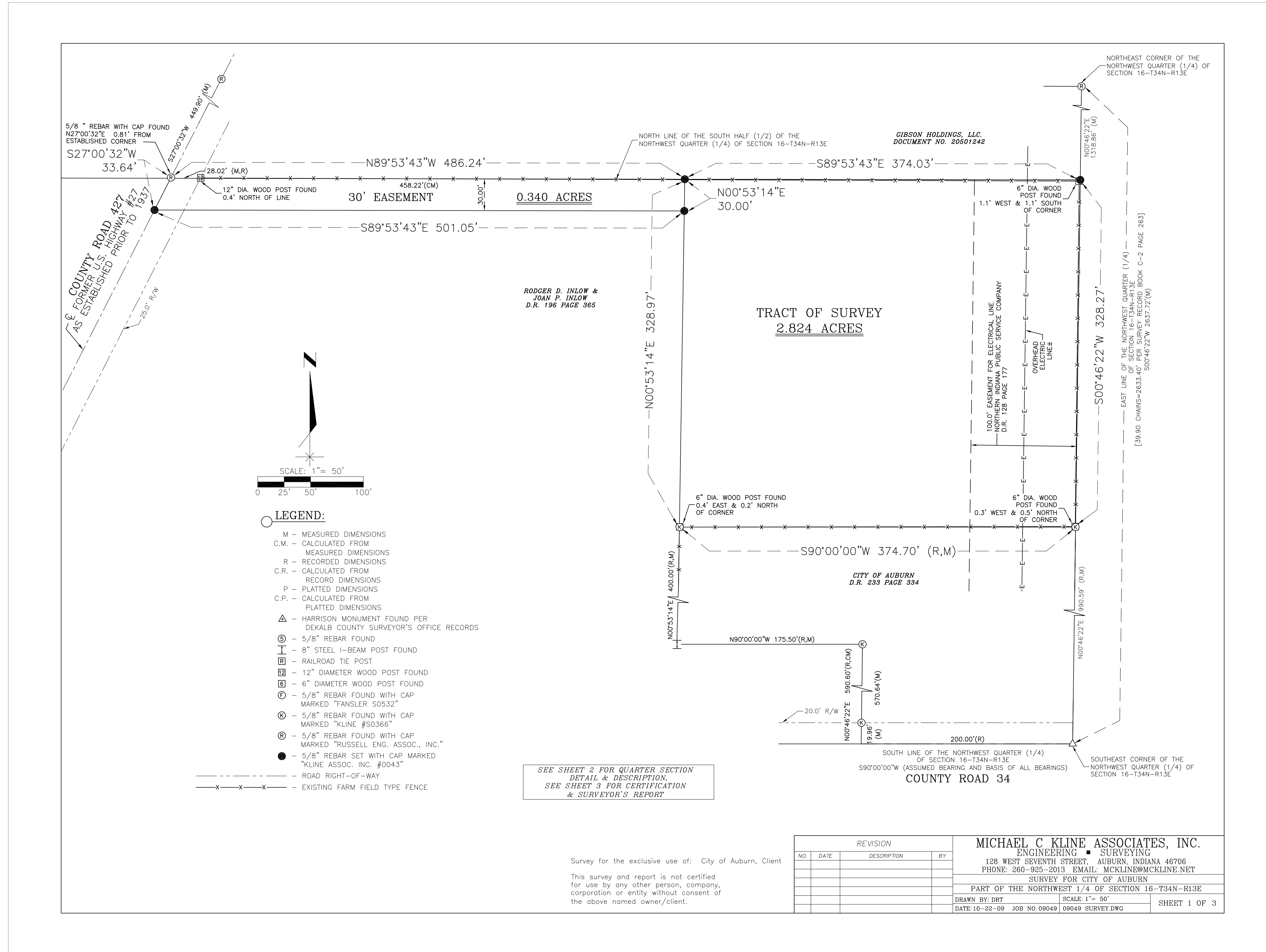
date

revision

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

GRAPHIC SCALE
0 8' 16'

job	contract	design	drawn	checked	date
210-0651		B. DODD	C. GRAY	B. DODD	



SEE SHEET 2 FOR QUARTER SECTION
DETAIL & DESCRIPTION
SEE SHEET 3 FOR CERTIFICATION
& SURVEYOR'S REPORT

Survey for the exclusive use of: City of Auburn, Client
This survey and report is not certified
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corporation or entity without consent of
the above named owner/client.

REVISION		
NO.	DATE	DESCRIPTION

MICHAEL C. KLINE ASSOCIATES, INC.
 ENGINEERING & SURVEYING
 128 WEST SEVENTH STREET, AUBURN, INDIANA 46706
 PHONE: 260-925-2013 EMAIL: MCKLINE@MCKLINE.NET
 SURVEY FOR CITY OF AUBURN
 PART OF THE NORTHWEST 1/4 OF SECTION 16-T34N-R13E
 DRAWN BY: DMK SCALE: 1" = 50'
 DATE: 10-22-09 JOB NO: 09049 09049 SURVEY.DWG SHEET 1 OF 3

date	revision

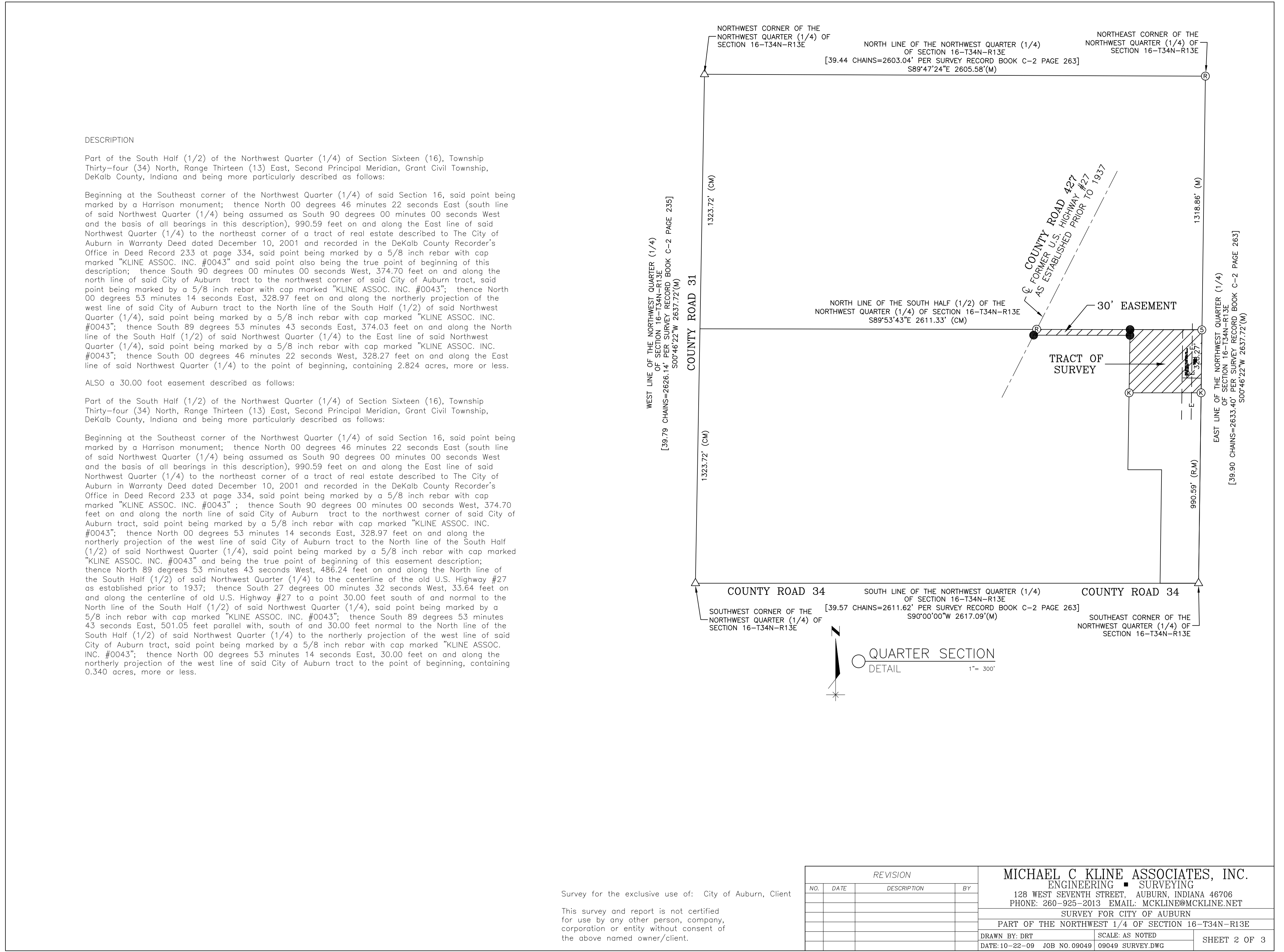
scale: AS SHOWN

0 25 50 100'

GRAPHIC SCALE

job	210-0651
contact	
designed	
drawn	
checked	
date	

SITE SURVEY
DEKALB COUNTY
CENTRAL COMMUNICATIONS CENTER
AUBURN, IN
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Survey for the exclusive use of: City of Auburn, Client

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REVISION		
NO.	DATE	DESCRIPTION

MICHAEL C KLINE ASSOCIATES, INC.
ENGINEERING & SURVEYING
128 WEST SEVENTH STREET AUBURN, INDIANA 46706
PHONE: 260-925-2013 EMAIL: MCKLINE@MCKLINE.NET

SURVEY FOR CITY OF AUBURN
PART OF THE NORTHWEST 1/4 OF SECTION 16-T34N-R13E
DRAWN BY: DMT SCALE: AS NOTED
DATE: 10-22-09 JOB NO: 09049 09049 SURVEY.DWG SHEET 2 OF 3

date	revision	sym

scale: **AS SHOWN**

0
GRAPHIC SCALE

job#	210-0651
contact#	
designed:	
drawn:	
checked:	
date:	

SITE SURVEY
DEKALB COUNTY
CENTRAL COMMUNICATIONS CENTER

AUBURN, IN
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SURVEYOR'S REPORT

This survey is intended to create a new tract of real estate that lies totally within the owner's base tract as said base tract is described to Roger D. Inlow and Joan P. Inlow in Warranty Deed dated June 27, 1997 and recorded in the DeKalb County, Indiana Recorder's Office in Deed Record 196 at page 365.

- REFERENCES: The following documents were reviewed and/or used in the completion of this survey:
-1863 Government Township Plat for Township 34 North, Range 13 East, Co. Surveyor's Office.
-1863 survey by D. Eberly, County Surveyor, Survey Book 02 page 263, Co. Surveyor's Office.
-Survey by Gale L. Fansler, RLS No. S0532, Job No. 6819RDS, dated October 6, 1998.
-Survey by Russell Engineering Associates, Inc. Job No. 0105-310, dated May 24, 2001.
-Survey by David K. Wolf, RLS No. 10429, Job No. 78129, dated August 25, 1978.
-Flood Insurance Rate Maps of DeKalb County, Indiana, Effective Date September 29, 2006, Map Number 18033C0141E and Map No. 18033C0143E.
-Zoning Map for DeKalb County, Indiana.

The following information was found in the DeKalb County, Indiana Recorder's Office:
Warranty Deed to Roger D. and Joan P. Inlow, Deed Record 196 page 365.
Warranty Deed to Denver L. Kimpel, Deed Record 203 page 118.
Warranty Deed to DeKalb County Central United School District, Deed Record 168 page 588.
Easement For Electrical Lines to N.J.P.S.CO, Deed Record 128 page 177.
Warranty Deed to the City of Auburn, Deed Record 233 at page 334.
Warranty Deed to Gibson Holdings, LLC, Document No. 20501242.

(A) AVAILABILITY AND CONDITION OF REFERENCE MONUMENTS.
All reference monuments found are shown as found on the attached plot of survey and were perpetuated as found and where found and are even with or above ground unless otherwise noted. The source of monuments found in place is indicated if identifiable.
A Harrison Monument was found, accepted, and held as the Southeast corner of the Northwest Quarter (1/4) of Section 16-T34N-R13E. Said monument set by the County Surveyor's Office over a stone and is accepted as that same stone set at point "5" of above referenced 1863 survey.
A Harrison Monument was found, accepted, and held as the Southwest corner of the Northwest Quarter (1/4) of said Section 16. Said monument set by the County Surveyor's Office replacing a stone over a pipe which had been accepted as a perpetuation of point "6" of said 1863 survey.
A 5/8" rebar with cap marked "RUSSELL ASSOC. CORP. #0017" was found, accepted, and held as the Northeast corner of the Northwest Quarter (1/4) of said Section 16. Said rebar set by Russell Engineering Associates, Inc. during previous survey. Said monument has been accepted as the section corner by previous surveys, referenced above, and is considered the best available evidence of said section corner.
A Harrison monument, per DeKalb County Surveyor's Office records, was found, accepted, and held as the Northwest corner of the Northwest Quarter (1/4) of said Section 16.
The above four (4) monuments were used to establish the boundary lines of the Northwest Quarter (1/4) of said Section 16. The North line of the South Half (1/2) of said Northwest Quarter (1/4) was established by a line from the mid-point of the West line of said Northwest Quarter (1/4) to the mid-point of the East line of said Northwest Quarter (1/4).

Other found monuments shown on the plot of survey were accepted and held in their found position (unless shown at variance by specific note) to establish the lines and corners of this plot of survey. Variations between the measured dimensions and the recorded dimensions along the lines established between the above referenced monuments are shown on the plot of survey.

(B) OCCUPATION OR POSSESSION LINES
The occupation and/or possession line along the East line of this tract of survey is an existing farm field type fence that varies from the established East line by 0.3 feet west at the south end of said east line to 1.1 feet west at the north end of said east line. The occupation and/or possession line along the north line of the tract of survey is an existing farm field type fence that varies from the established north line by 1.1 feet south of said north line. The occupation and/or possession line along the south line of the tract of survey is a farm field type fence that varies from the established south line by 0.5 feet north at the east end of said south line to 0.2 feet north at the west end of said south line. All as shown on the plot of survey. There is no occupation and/or possession line along the west line of the tract of survey. Encroachments and/or discrepancies buried or obscured by natural or man-made obstructions may exist.

(C) CLARITY OR AMBIGUITY OF THE RECORD DESCRIPTION USED AND/OR ADJOINER'S DESCRIPTION
Based upon review of the most current deeds of record, the record description for the base tract does not appear to contain any ambiguities within the description or with adjoining record descriptions at the location of the tract of survey, therefore there are no uncertainties based upon clarity or ambiguity of the record descriptions used.

(D) THE RELATIVE POSITIONAL ACCURACY OF THE MEASUREMENTS
The Relative Positional Accuracy (due to random errors in measurement) of this survey is within that allowable for a Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

(E) ESTABLISHMENT OF LINES AND CORNERS
1. The east line of the tract of survey was established on and along the East line of said Northwest quarter (1/4) as established in "A" above.
2. The south line of the tract of survey was established on and along the north line of the City of Auburn tract referenced above.
3. The north line of the tract of survey was established on and along the North line of the South (1/2) of said Northwest Quarter (1/4) as established in "A" above.
4. The west line of the tract of survey was established on and along the northerly projection of the west line of the City of Auburn tract as referenced above.
5. The centerline of the former U.S. Highway 27 right of way was established by the southerly projection of a line between the two 5/8" rebar with caps marked "RUSSELL ENG. ASSOC. INC." found north of the North line of the South Half (1/2) of said Northwest Quarter (1/4) as shown on the plot of survey.
6. A 5/8 inch rebar with cap marked "KLINE ASSOC. INC. #0043" was set at the intersection of the East line of said Northwest Quarter (1/4) and the North line of the South Half (1/2) of said Northwest Quarter (1/4).
7. A 5/8 inch rebar with cap marked "KLINE ASSOC. INC. #0043" was set at the intersection of the North line of the South Half (1/2) of said Northwest Quarter (1/4) and the northerly projection of the west line of the City of Auburn tract.
8. A 5/8 inch rebar with cap marked "KLINE ASSOC. INC. #0043" was set on the northerly projection of the west line of the City of Auburn tract at a point 30.00 feet normal to the North line of the South Half (1/2) of said Northwest Quarter (1/4).
9. A 5/8 inch rebar with cap marked "KLINE ASSOC. INC. #0043" was set on the centerline of the former U.S. Highway 27 right of way as established in "5" above at its intersection with a line south of, parallel with, and 30.00 feet normal to the North line of the South Half (1/2) of said Northwest Quarter (1/4).

(F) NOTES
1. There were no building improvements on the tract of survey as of the date of field work.
2. The tract is currently zoned R1 (low density residential) per the Zoning Map of DeKalb County, Indiana at the time of survey. The setback requirements for this zone are subject to interpretation by the DeKalb County Plan Commission.
3. The tract of survey is subject to a 100 foot NIPSCO overhead electric easement per Deed Record 128 page 177, referenced above, as shown on the plot of survey.
Except as specifically stated or shown on the plot of survey, this survey does not purport to reflect any of the following which may be applicable to the subject real estate: easements, other than possible easements which were visible at the time of making this survey or as shown in the references above; building setback lines; restrictive covenants; subdivision restrictions; land use regulations; and any other facts which on accurate and current title search may disclose.
Every document of record reviewed and considered as a part of this survey is noted herein. No abstract of title, nor title commitment, nor results of title searches were furnished to this surveyor. An abstract or title search may reveal additional documents of record and/or other information affecting this property.
All documents of record and information from other public sources referred to in the survey are hereby incorporated as a part of this survey as if fully set out.
Subsurface and environmental conditions were not examined or considered as a part of this survey. This survey and report may be required to be recorded in accordance with the above referenced code. Objections to said recording must be given in the form provided by Article 1, Rule 12, Section 12, and said written objection must be returned with payment for this survey.
The Surveyor's Report is a part of and is to accompany the Certificate of Survey.
This survey is valid only with original signature and/or seal and payment of invoice. Copies of this survey may be used for archival purposes only.
All monuments shown as set have yellow plastic identification caps where possible marked "KLINE ASSOC. INC. #0043".
Ownership shown on the Certificate of Survey is per DeKalb County Records or as indicated in title work provided by others.
Last date of fieldwork was October 27, 2009.

I, Michael C. Kline, a Professional Land Surveyor, licensed in compliance with the laws of the State of Indiana, certify that to the best of my knowledge, information and belief and in my professional opinion, this plot and description represents a true and accurate survey as made by me and/or by others under my direction of the real estate as shown and/or described. All monumentation is as shown on the plot of survey and/or as called for in the description. The tract of survey does not lie within a Special Flood Hazard Area as said land plots by scale on Map Number 18033C0141E and Map Number 18033C0143E of the Flood Insurance Rate Maps of DeKalb County, Indiana, dated September 29, 2006. The accuracy of any flood hazard data shown on this survey is subject to map scale uncertainty and to any other uncertainty in location or elevation on the referenced flood insurance rate map. No certification is made as to ownership of the above described tract(s) or portions of said tract(s).

IN WITNESS WHEREOF:
I have set my hand and official seal this 27th day of October, 2009.

Michael C. Kline, P.L.S.
State of Indiana
Professional Land Surveyor No. LS # 80040366

I affirm under the penalties for perjury, that I have taken reasonable care to redact each Social Security number in this document, unless required by law, Michael C. Kline.

Survey for the exclusive use of: City of Auburn, Client

This survey and report is not certified for use by any other person, company, corporation or entity without consent of the above named owner/client.

Table with 3 columns: NO., DATE, DESCRIPTION, BY. Includes project information for Michael C. Kline Associates, Inc. and City of Auburn.

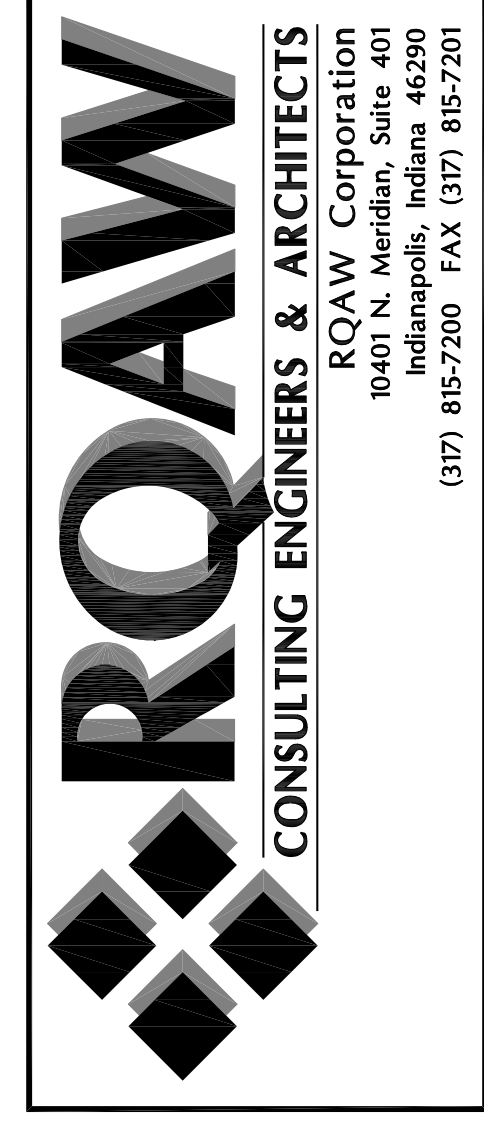


Table with columns: date, revisions, sym.

Scale: AS SHOWN
GRAPHIC SCALE

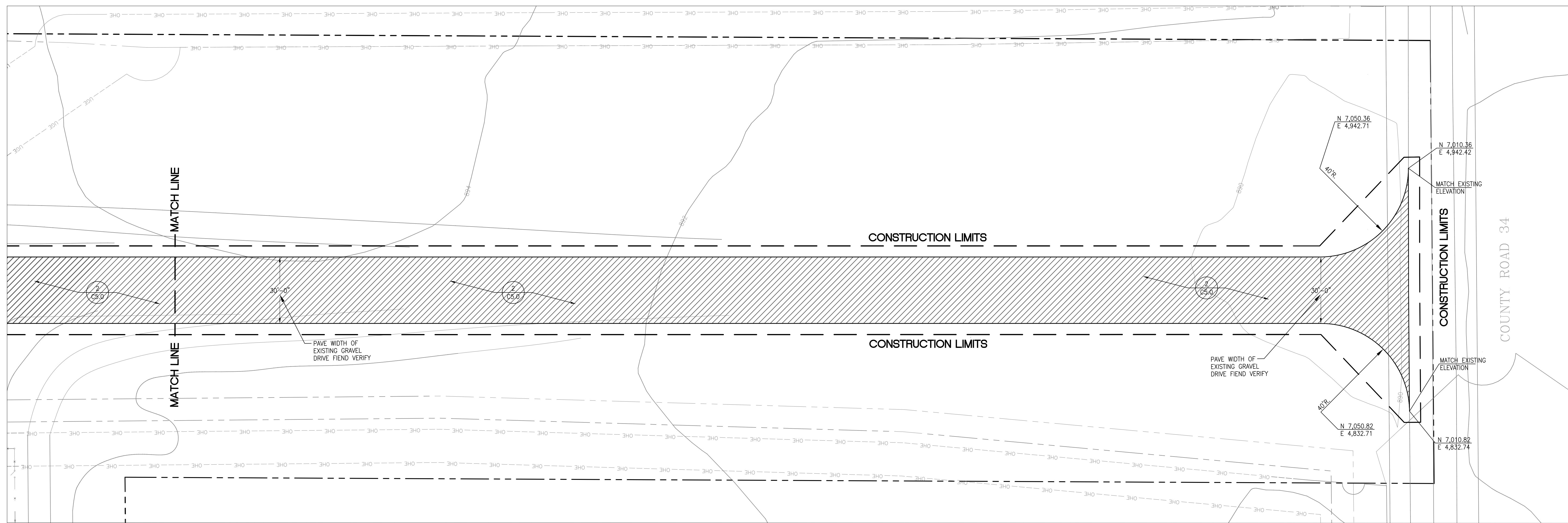
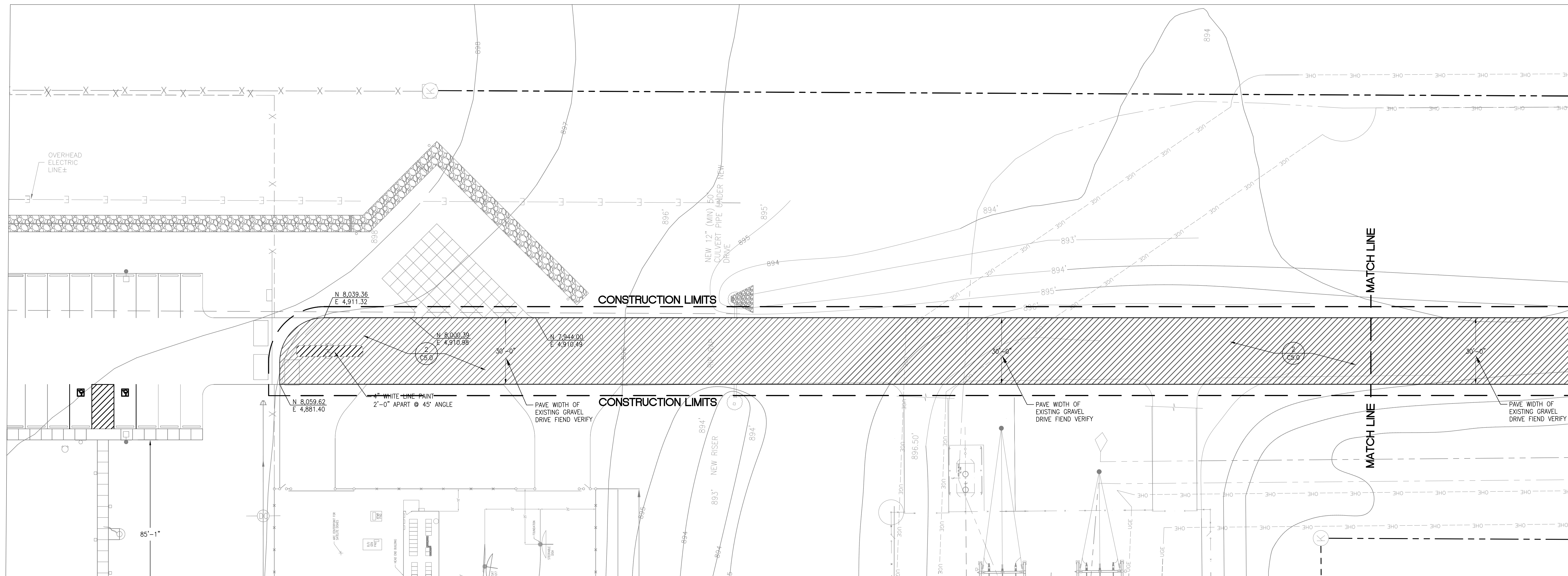
Table with columns: job#, contract#, designed, drawn, checked, date.

Table with columns: job#, contract#, designed, drawn, checked, date.

SITE SURVEY
DEKALB COUNTY
CENTRAL COMMUNICATIONS CENTER
AUBURN, IN
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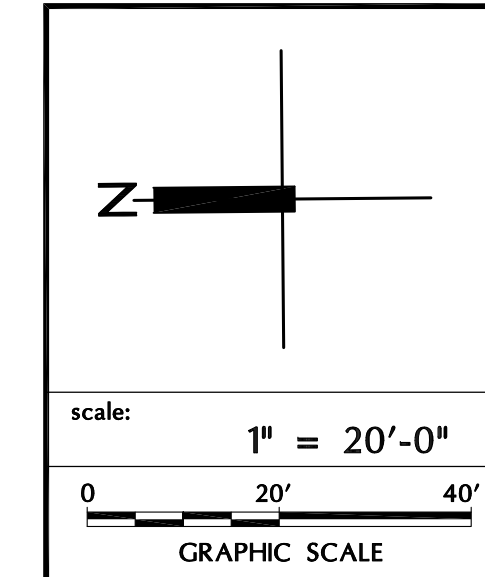
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date

revisions



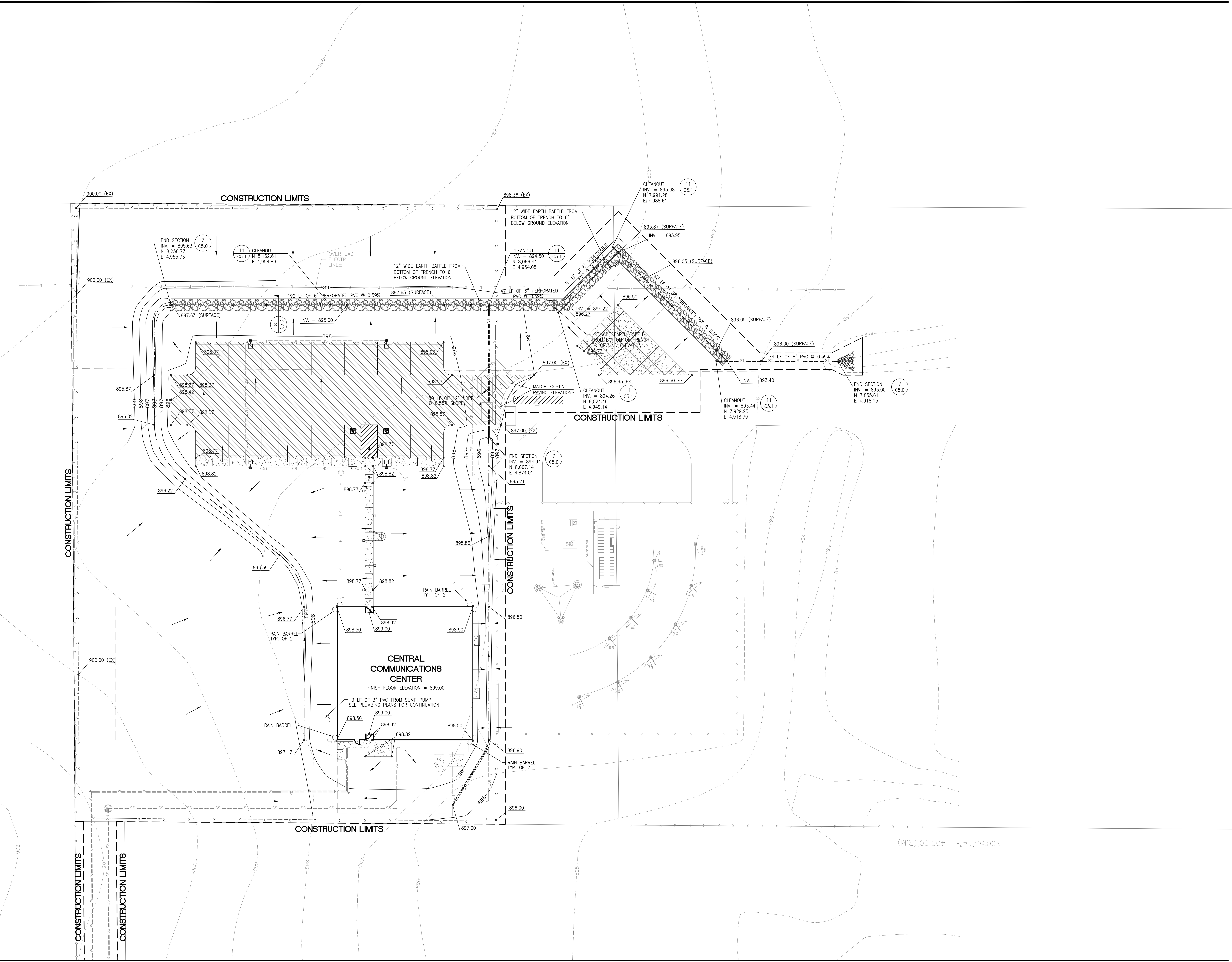
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job#	210-0651
concept	
designed	KMA
drawn	
checked	
date	

ALTERNATE PAVED DRIVE
**DEKALB COUNTY
CENTRAL COMMUNICATIONS CENTER**

PRINTED: 7/26/2010 @ 3:26PM BY: baronson

FILE NAME: P:\71065-1\Design\Civil\C2.0.dwg



RQAW
CONSULTING ENGINEERS & ARCHITECTS

RQAW Corporation
10401 N. Meridian, Suite 400
Indianapolis, Indiana 46290
(317) 85-7200 FAX (317) 85-7201

date

SYN

Z

Scale: 1" = 20'-0"
0 20' 40'
GRAPHIC SCALE

Job#	210-065.1
Contract#	
Design#	KMA
Drawn	
Checked	
Date	

SITE GRADING AND DRAINAGE PLAN
DEKALB COUNTY
CENTRAL COMMUNICATIONS CENTER
AUBURN/JN
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SITE GRADING AND DRAINAGE PLAN

DEKALB COUNTY

CENTRAL COMMUNICATIONS CENTER

AUBURN/JN

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SHEET

C2.0

PRINTED: 7/26/2010 @ 3:24PM BY: baronson

FILE NAME: P:\710065-1\Design\CW\C3.0.dwg

MATCH LINE --- MATCH LINE

8 N 8,316.98
C5.1 E 4,338.93

CONSTRUCTION LIMITS

STR. No. 2
TOP OF CASTING = 900.88
(E) INV. = 893.60
(W) INV. = 893.50
N 8,299.98
E 4,338.42

4
C5.1

STR. No. 1
TOP OF CASTING = 896.83
(E) INV. = 892.25
(Ex. W) INV. = 892.15
N 8,300.551
E 4,025.48

4
C5.1

PLACE MANHOLE OVER TOP OF EXISTING 6" PRIVATE SANITARY LINE FIELD VERIFY EXACT LOCATION

BORE UNDER CR 427

COUNTY ROAD 427

CONNECT TO EXISTING 16" WATER MAIN FIELD VERIFY EXACT LOCATION

MATCH LINE --- MATCH LINE

CONSTRUCTION LIMITS

CONSTRUCTION LIMITS

CONSTRUCTION LIMITS

STR. No. 3
TOP OF CASTING = 900.82
(S) INV. = 894.95
(W) INV. = 894.85
N 8,299.41
E 4,651.37

4
C5.1

11 CLEANOUT
INV. = 896.02
N 8,124.68
E 4,649.84

4
C5.1

SEE SANITARY PLAN AND PROFILE SHEET C3.1

CONSTRUCTION LIMITS

10
C5.1

N 8,154.42
E 4,660.10

CENTRAL COMMUNICATIONS CENTER
FINISH FLOOR ELEVATION = 899.00

GAS METER VAULT
COORDINATE INCOMING GAS SERVICE WITH LOCAL UTILITY COMPANY
SEE PLUMBING PLANS FOR CONTINUATION

3" DOMESTIC WATER
6" FIRE PROTECTION
SEE PLUMBING PLANS FOR CONTINUATION
INV. 896.23
SEE PLUMBING PLANS FOR CONTINUATION

SEE PLUMBING PLANS FOR CONTINUATION

9
C5.1

LIGHT POLE (TYP.)
SEE ELECTRICAL SITE PLAN

SEE ELECTRICAL SITE PLAN

CONSTRUCTION LIMITS

SEE ELECTRICAL SITE PLAN

SEE ELECTRICAL SITE PLAN

SEE ELECTRICAL SITE PLAN

SEE ELECTRICAL SITE PLAN

39 LF OF 6" PVC SDR-35 SANITARY SEWER LATERAL @ 0.61% SLOPE

SEE ELECTRICAL SITE PLAN

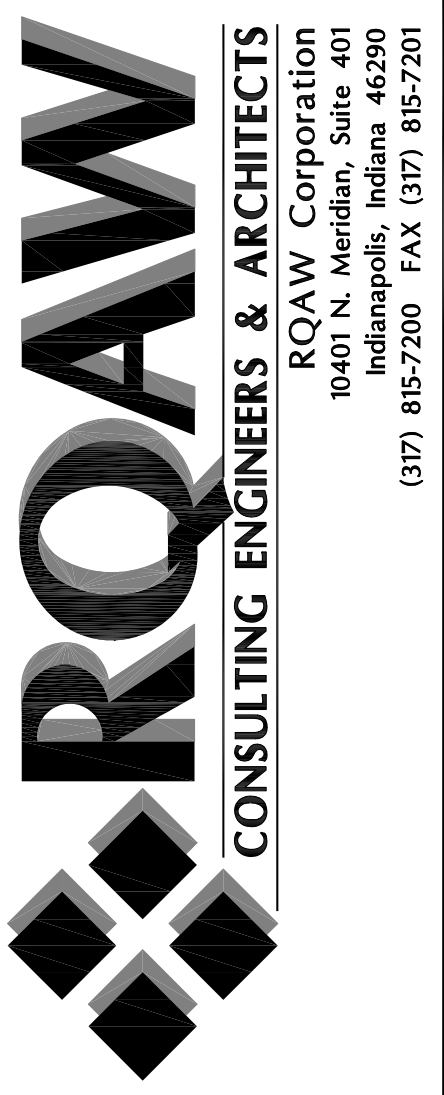
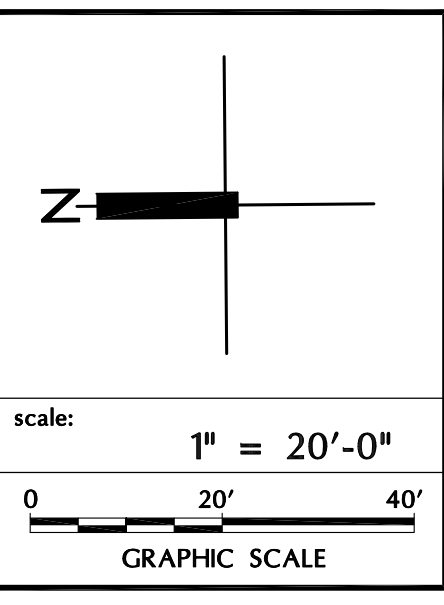


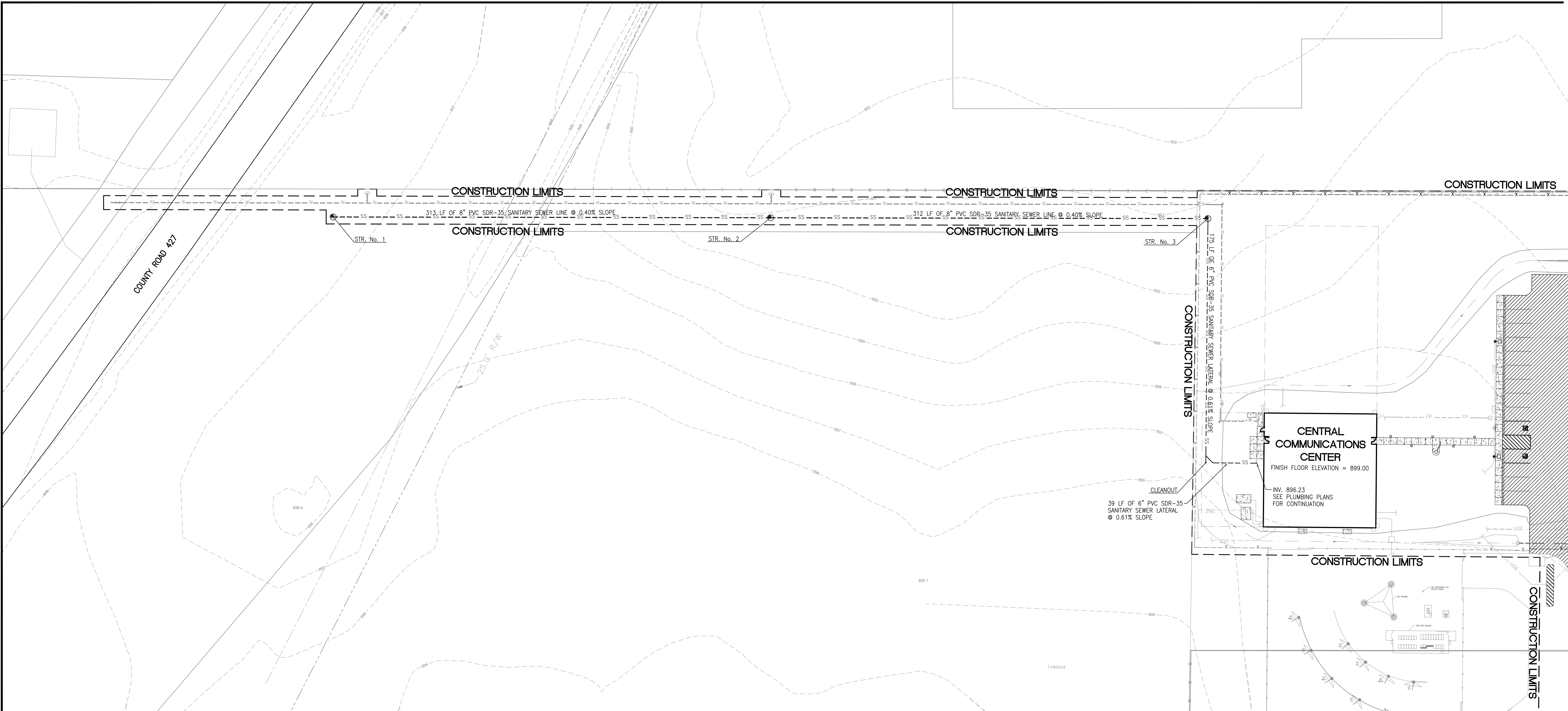
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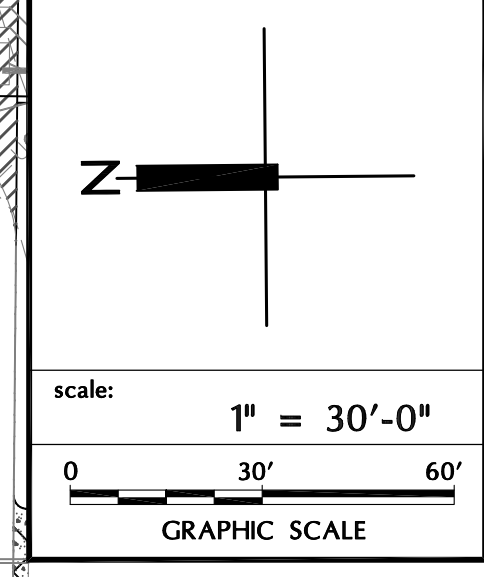
Job information table with fields: job (210-0651), contract, designer (KMA), drawn, checked, date.

SITE UTILITY PLAN
DEKALB COUNTY
CENTRAL COMMUNICATIONS CENTER
AUBURN/JN
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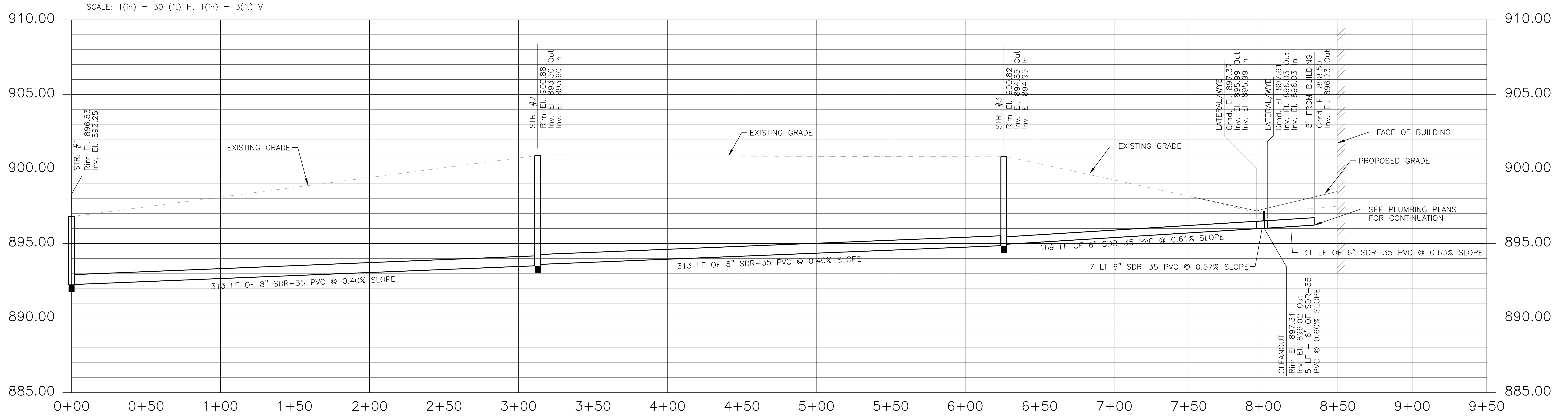
SHEET
C3.0



date	revisions



job#	contract	designer	drawn	checked	date
210-0651		KMA	DJP		



job#	contract	designer	drawn	checked	date
210-0651		KMA	DJP		

SANITARY SEWER PLAN & PROFILE
 DEKALB COUNTY
 CENTRAL COMMUNICATIONS CENTER
 AUBURN, IN
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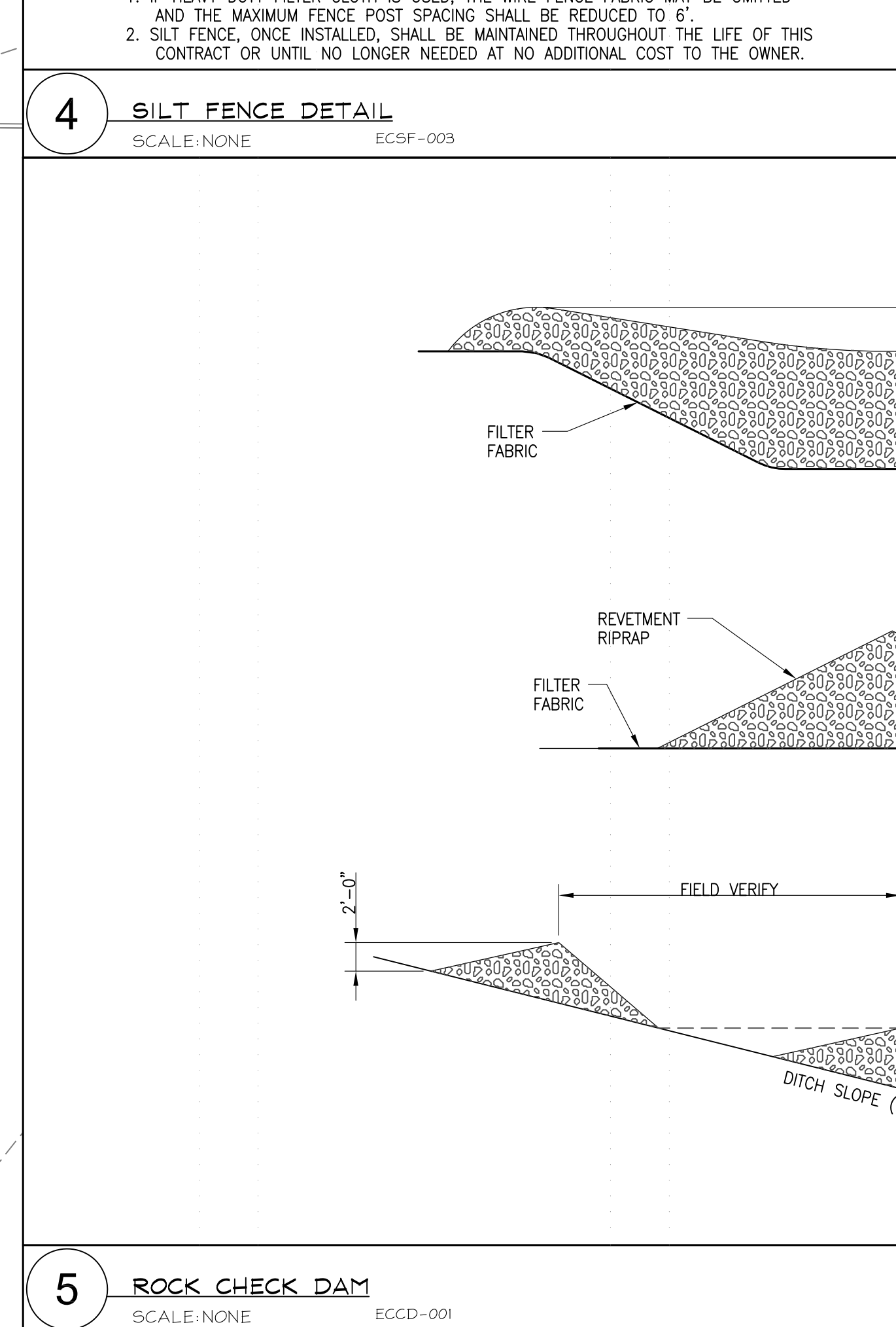
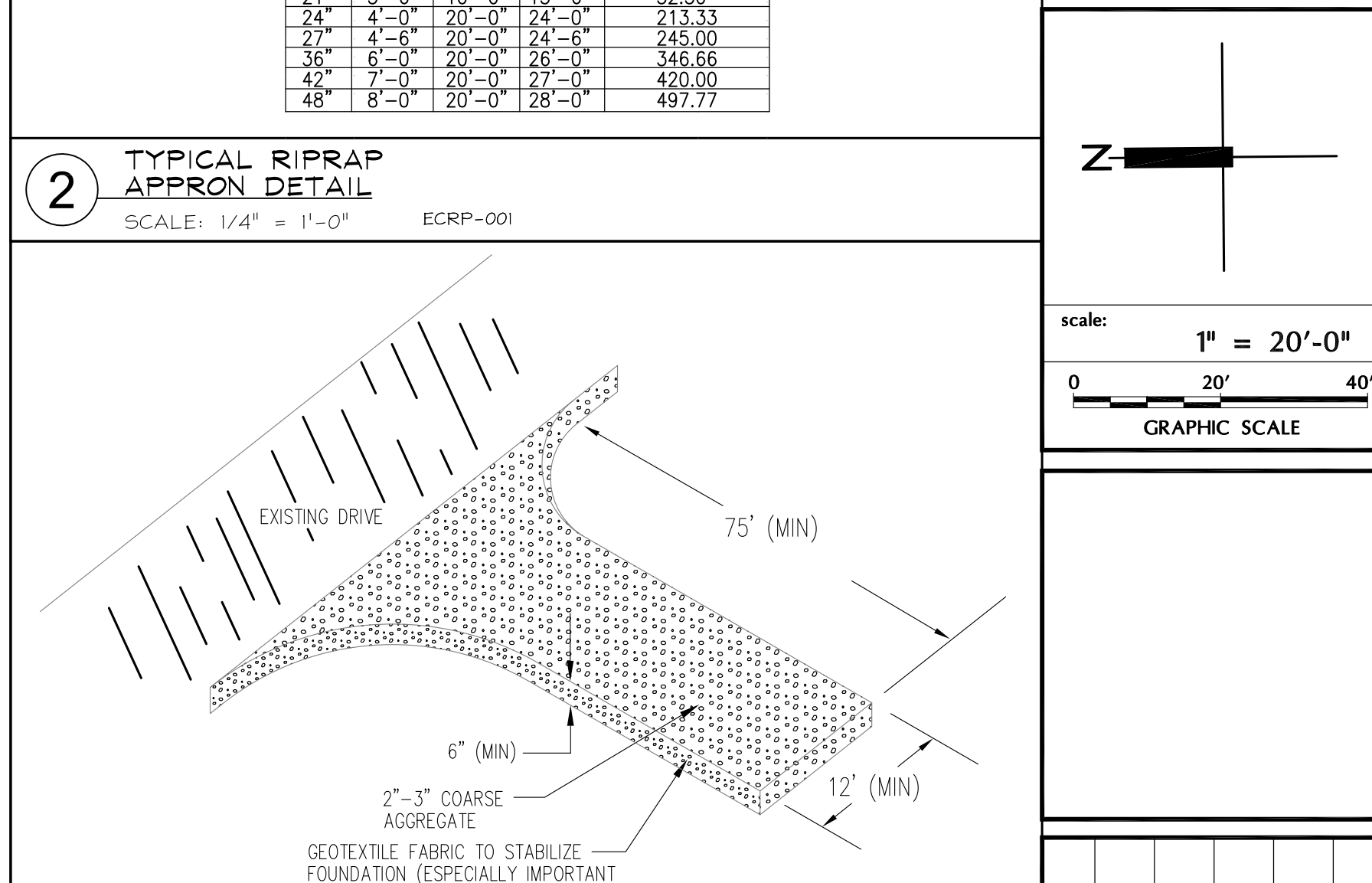
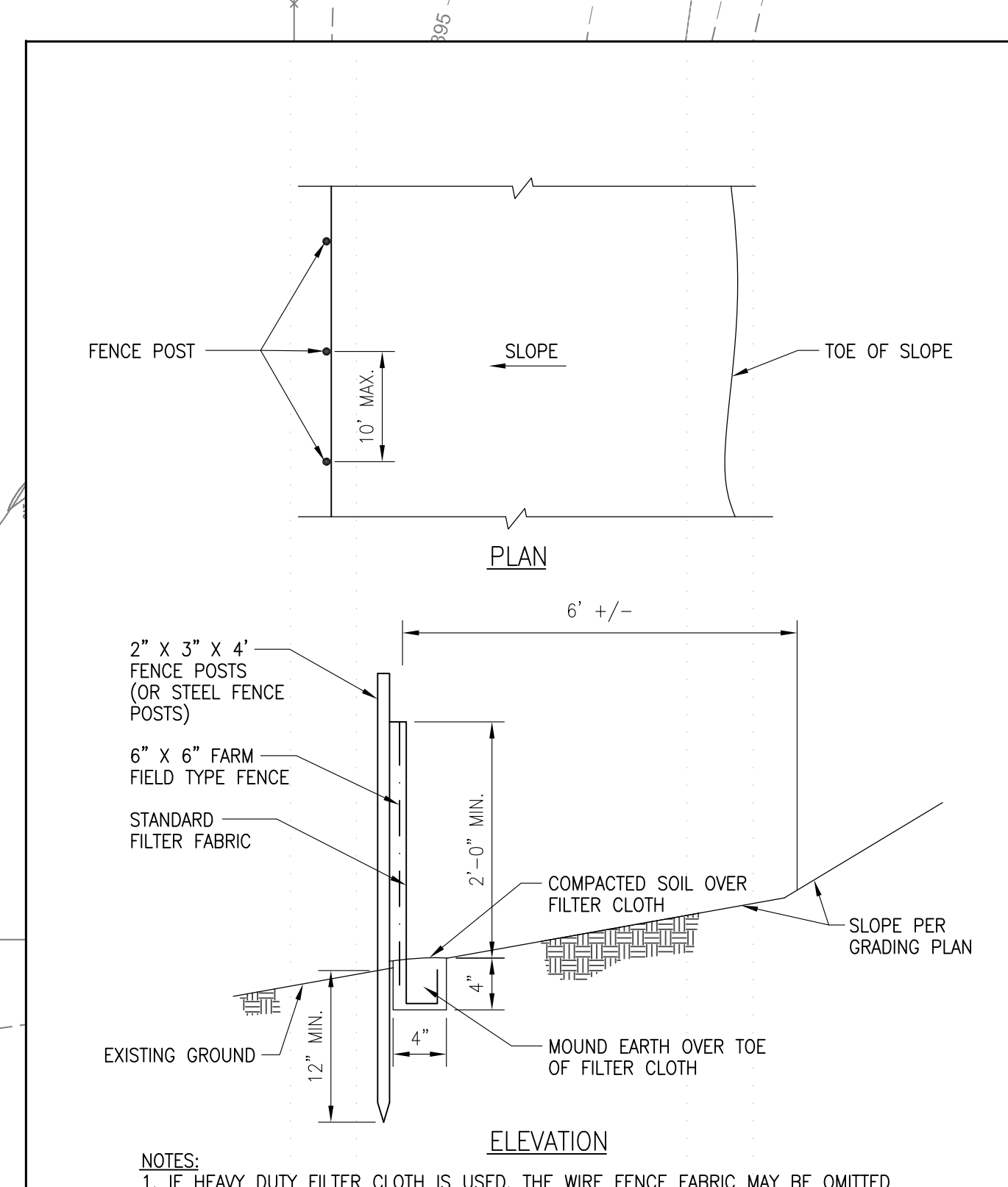
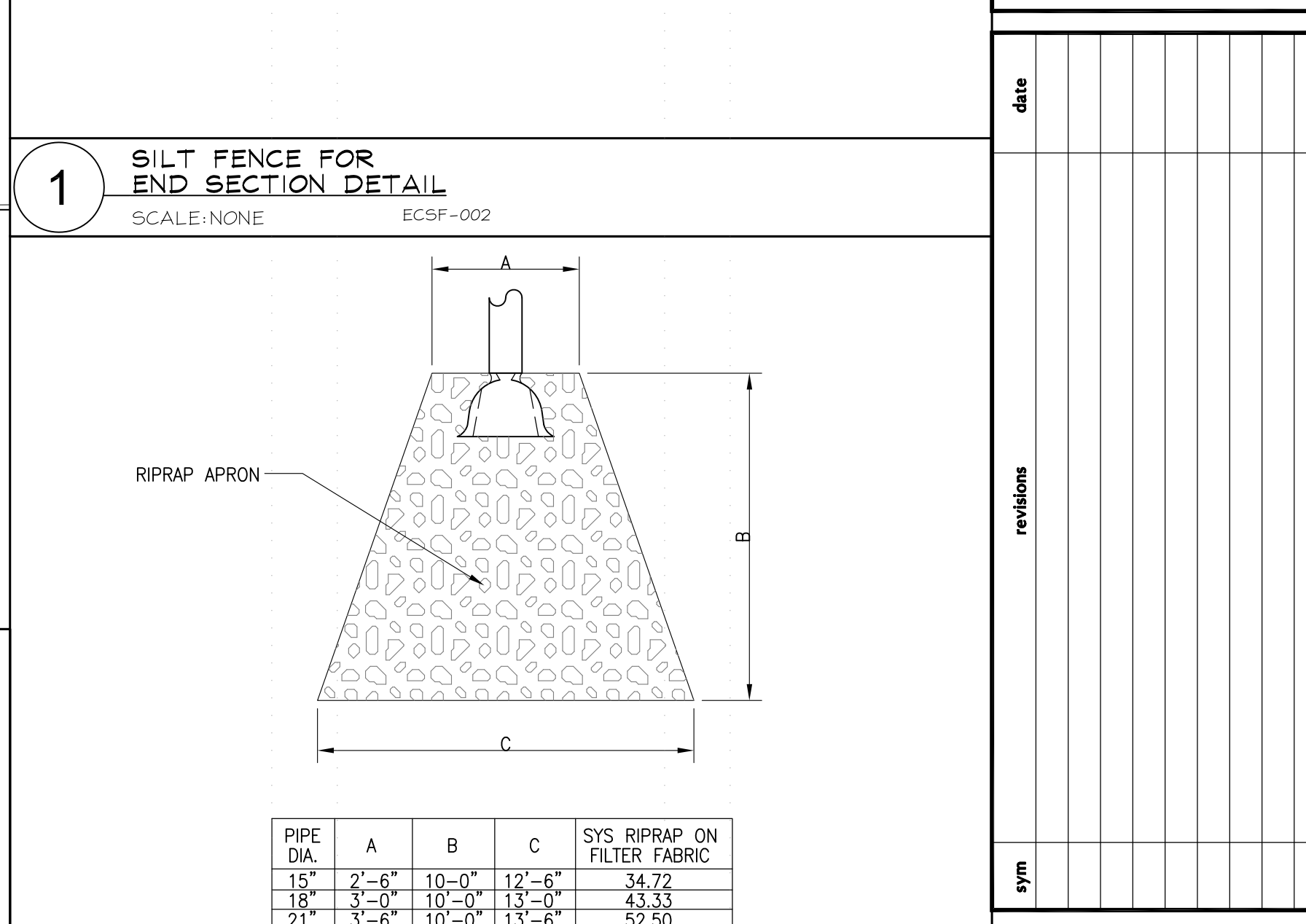
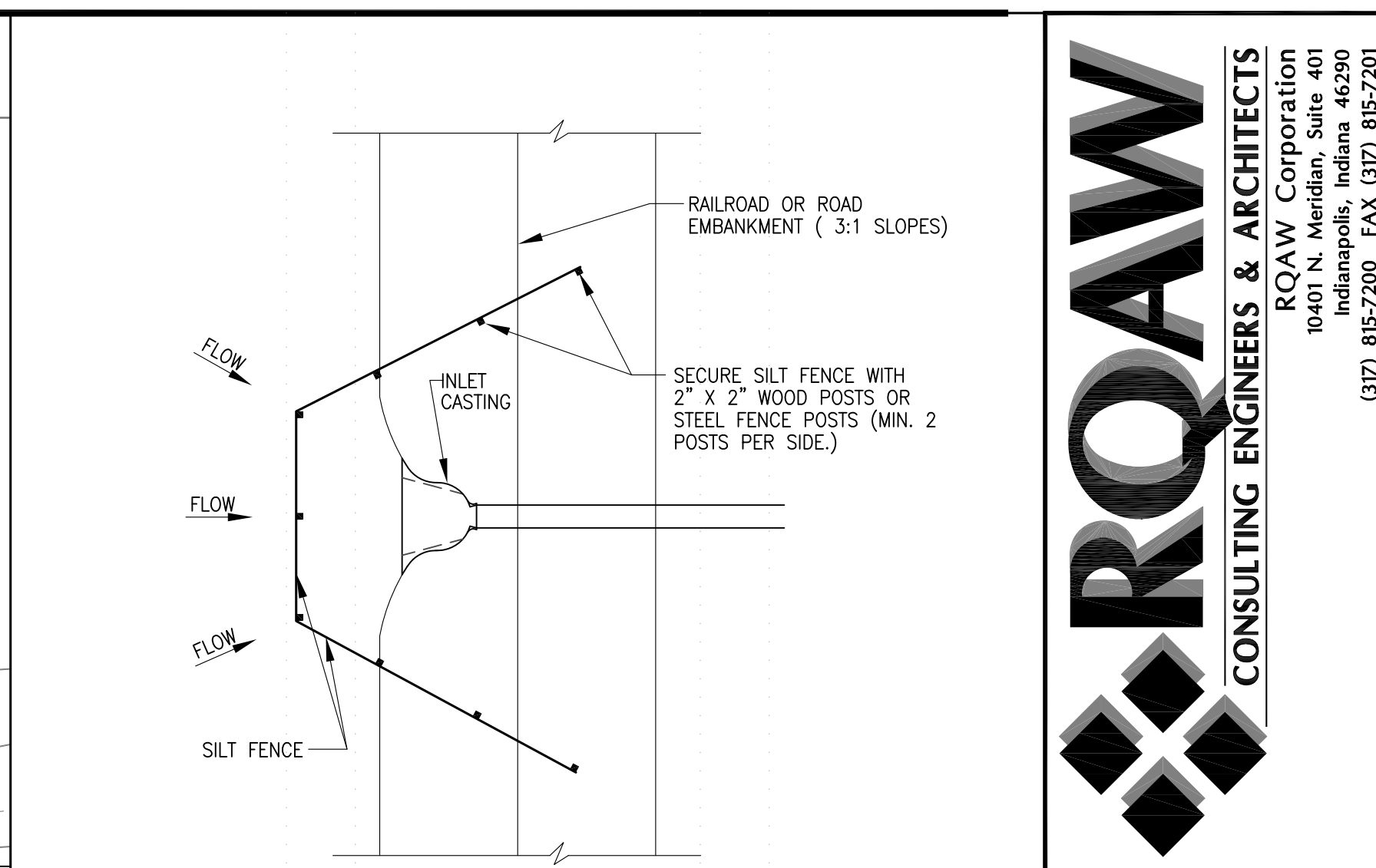
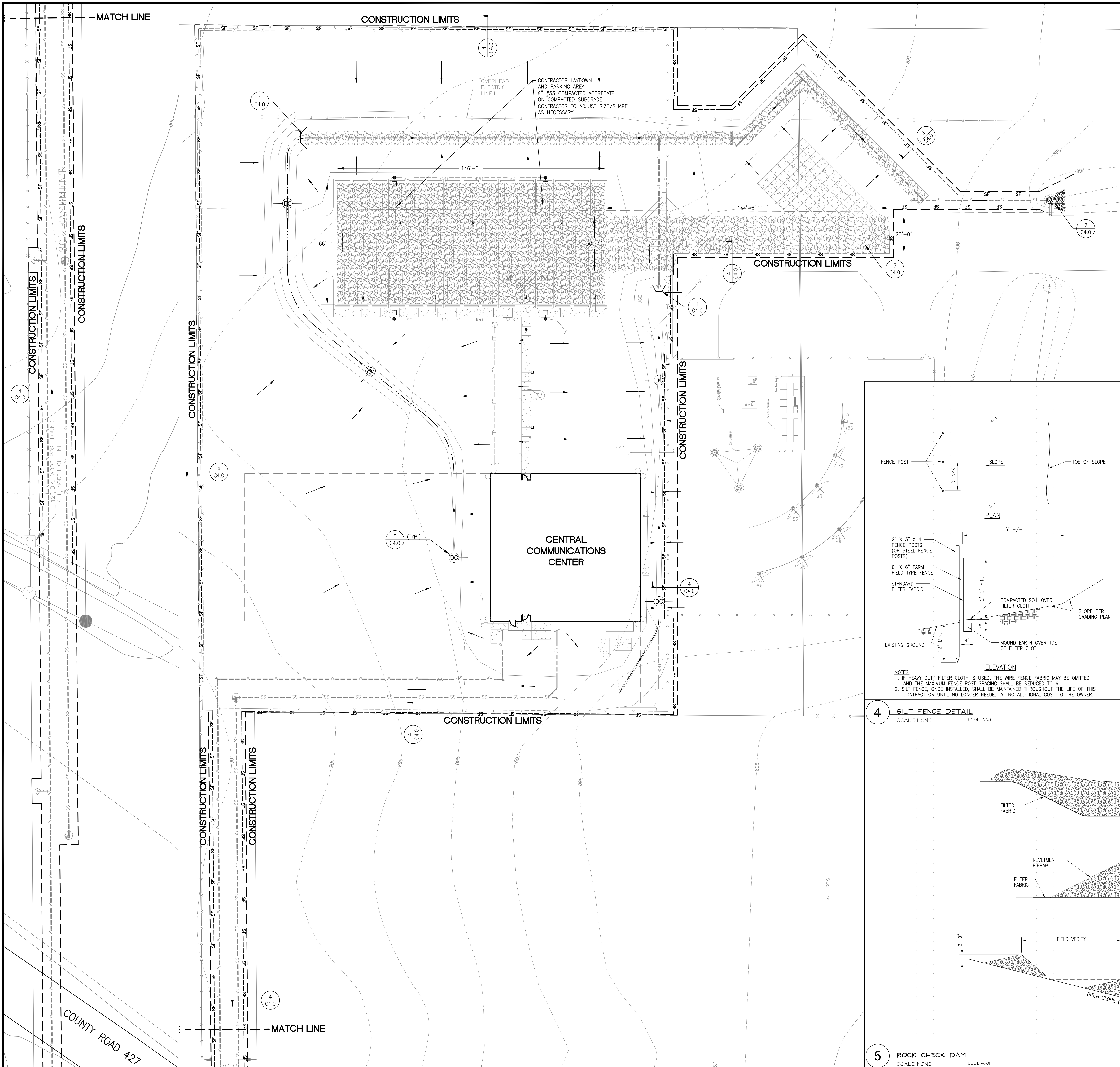
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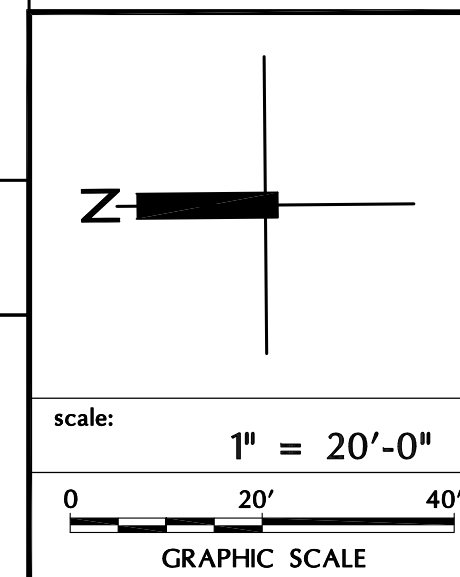
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date: _____

revisions:

sym	date	description



job# 210-0651

contact: _____

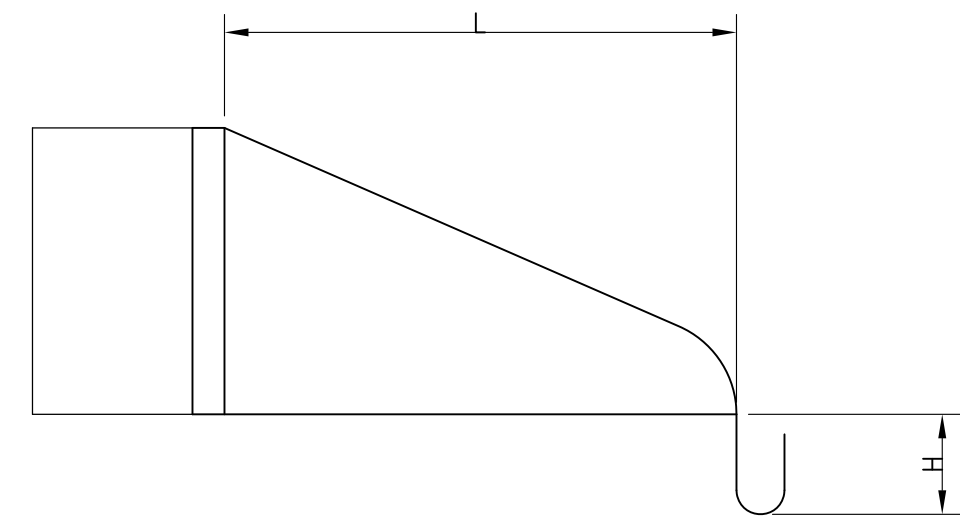
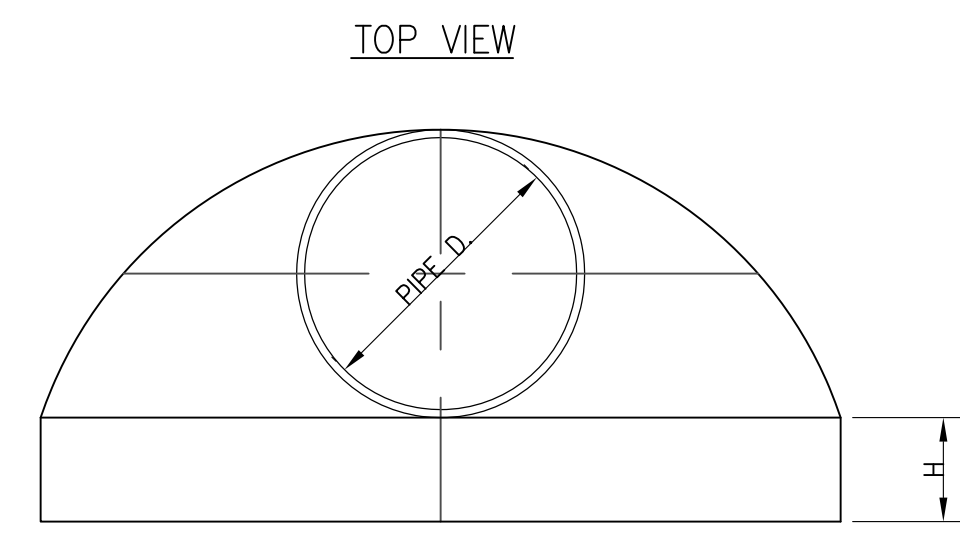
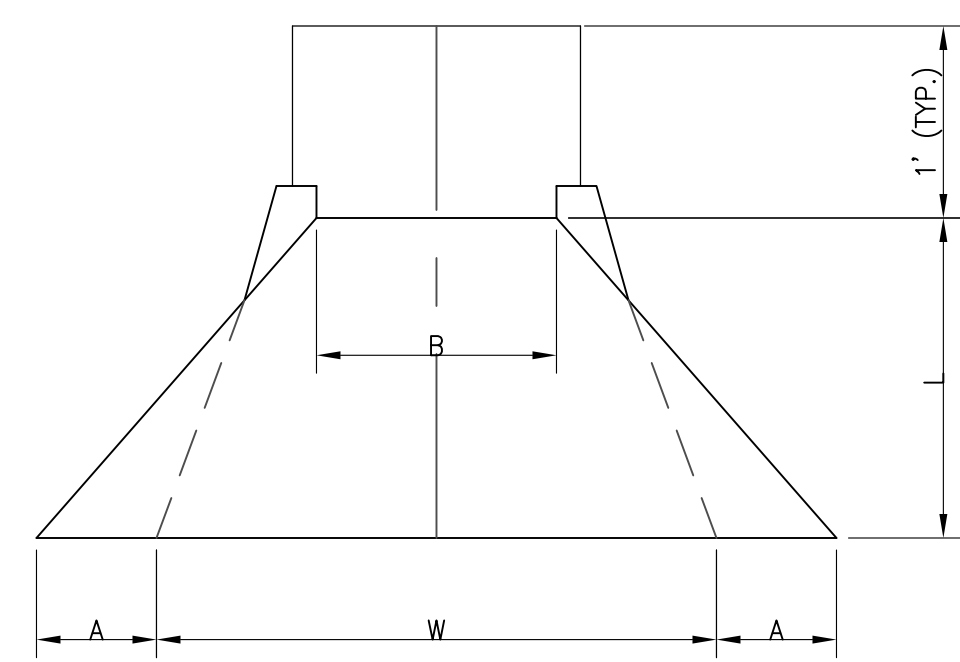
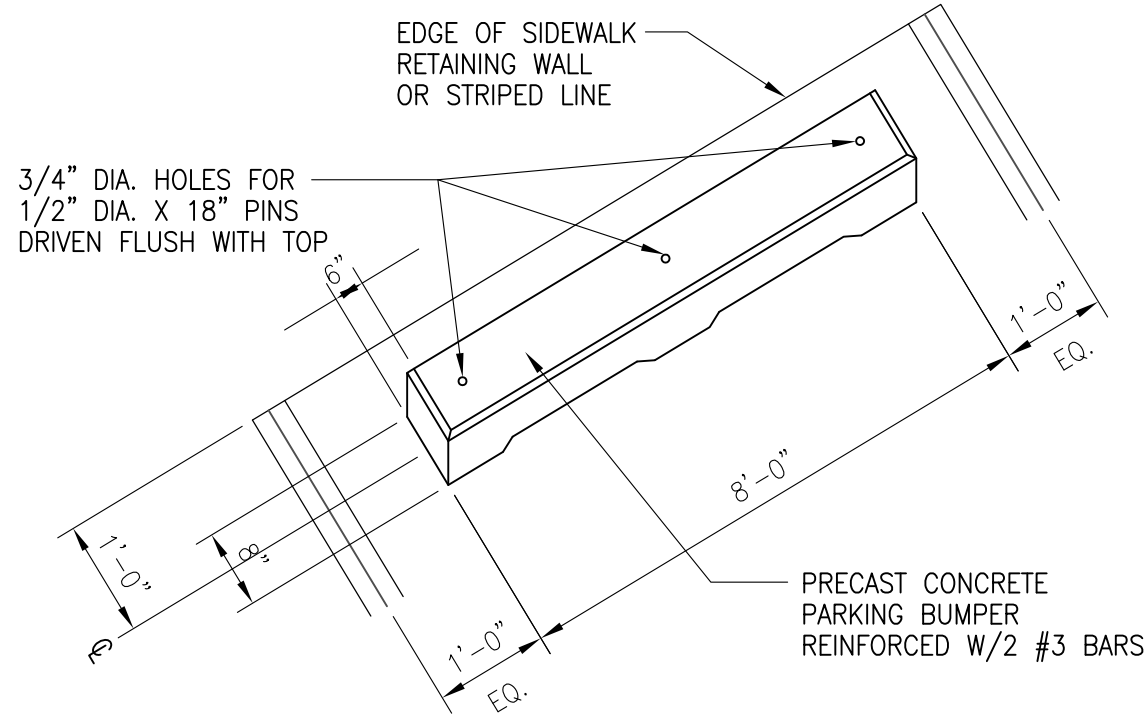
designed: KMA

drawn: _____

checked: _____

date: _____

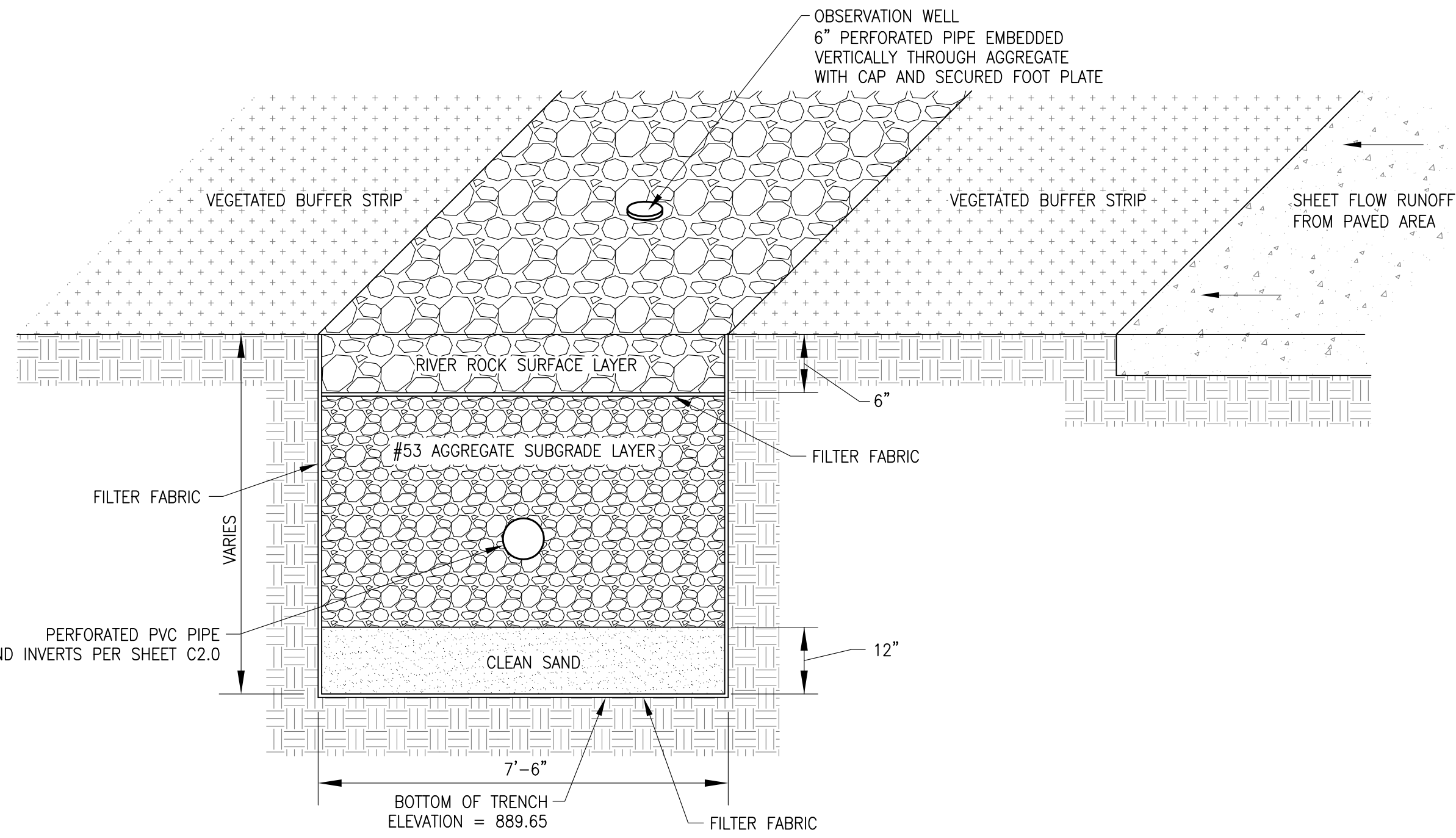
NOTE:
PARKING BARRIERS SHALL BE OF THE DIMENSIONS SHOWN ON THE PLANS.
THE BARRIERS SHALL BE CAST AND TESTED IN ACCORDANCE WITH THE
APPLICABLE REQUIREMENTS OF 615.03 OF THE INDOT STANDARD SPECIFICATIONS
EXCEPT THE STRENGTH SHALL BE DETERMINED BY CONCRETE CORES TAKEN
FROM THE FINISHED PRODUCT. AT LEAST 2 CONCRETE CORES WILL BE TAKEN
FROM EACH UNIT AND THE AVERAGE STRENGTH OF THE UNIT SHALL BE AT
LEAST 28 MPa (4000 PSI) WITH NO INDIVIDUAL CORE STRENGTH LESS THAN
25 MPa (3600 PSI).



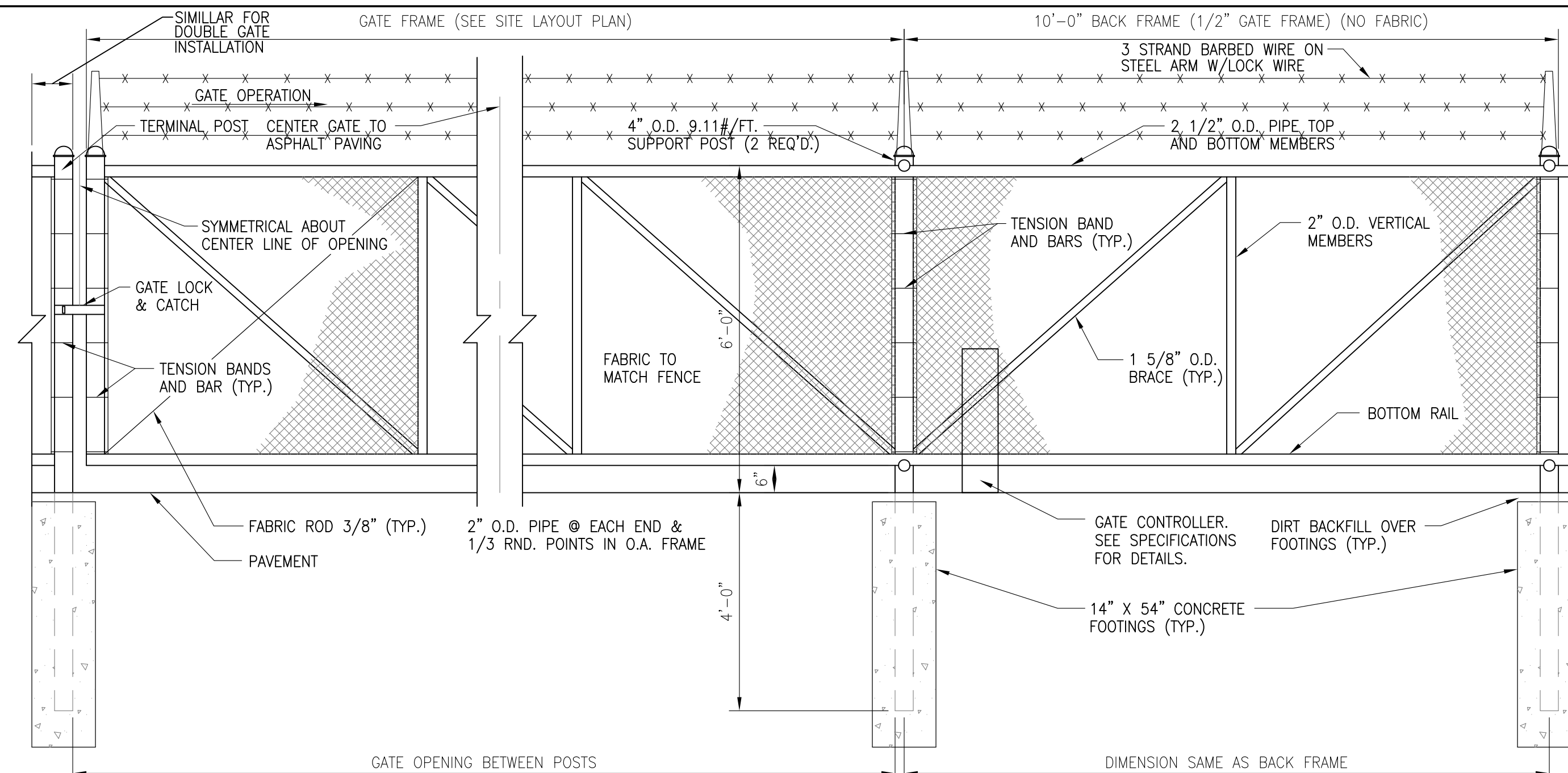
SIDE VIEW

PIPE DIAMETER	PART NO.	DIMENSIONS (INCHES)				
		A (1+/-)	B MAX	H (1+/-)	L (1/2 +/-)	W (2 +/-)
12" AND 15"	1210NP	6.5	10	6.5	25	29
18"	1810NP	7.5	15	6.5	32	36
24"	2410NP	7.5	18	6.5	36	45
30"	3010NP	10.5	NA	7.0	53	68
36"	3610NP	10.5	NA	7.0	53	68

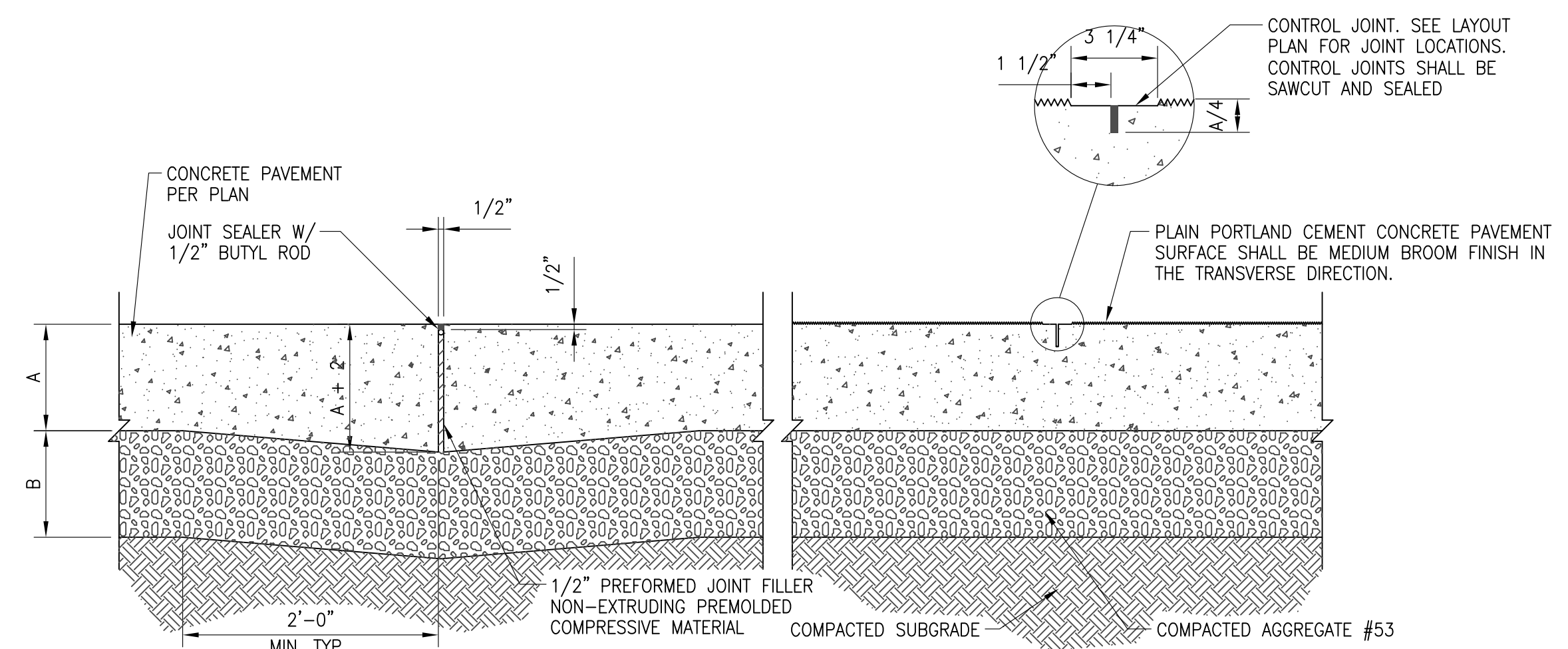
7 PVC END SECTION DETAIL
SCALE: 1" = 1'-0" STES-PVC-002



8 INFILTRATION TRENCH
SCALE: NONE INFILTRATION TRENCH



9 CANTILEVER SLIDE GATE DETAIL
SCALE: NONE FEGT-006

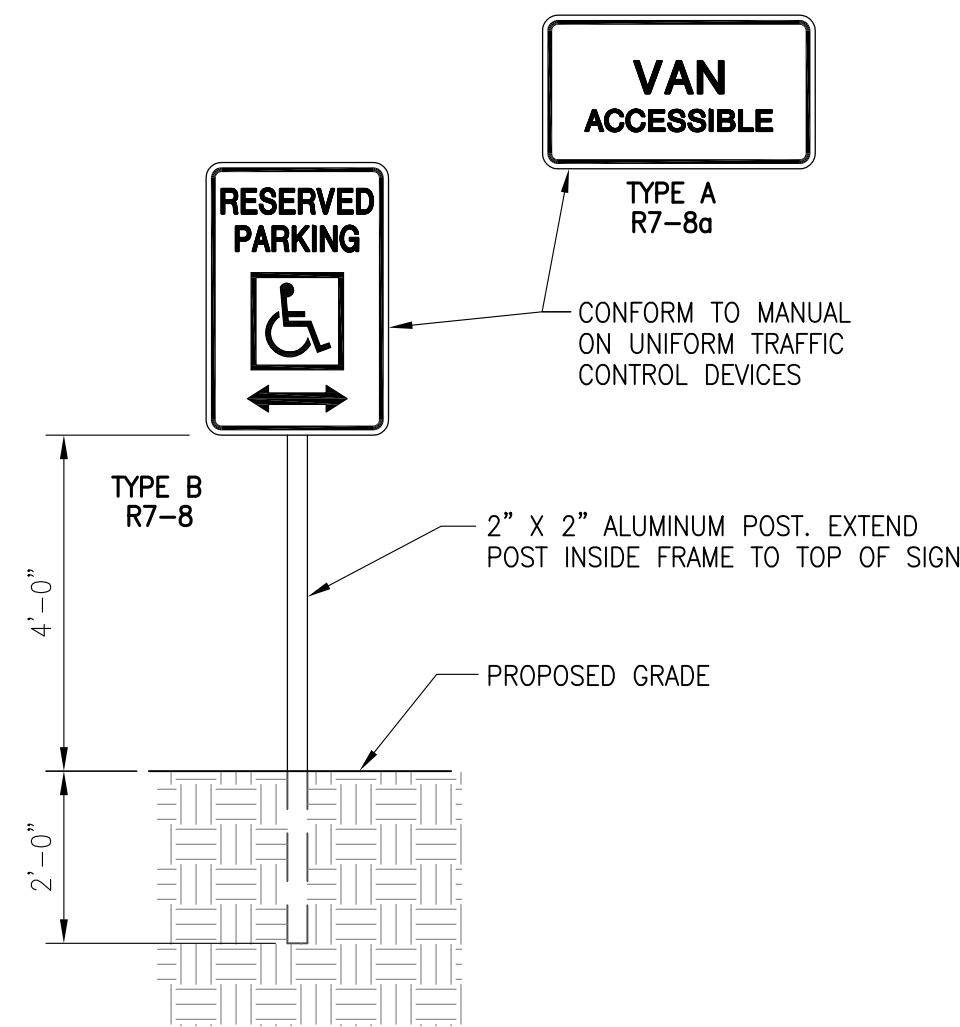


NOTE:
EXPANSION JOINTS SHALL BE INSTALLED WHERE SHOWN ON PLANS
AND WHERE CONCRETE PAVEMENT ABUTS VERTICAL SURFACES.

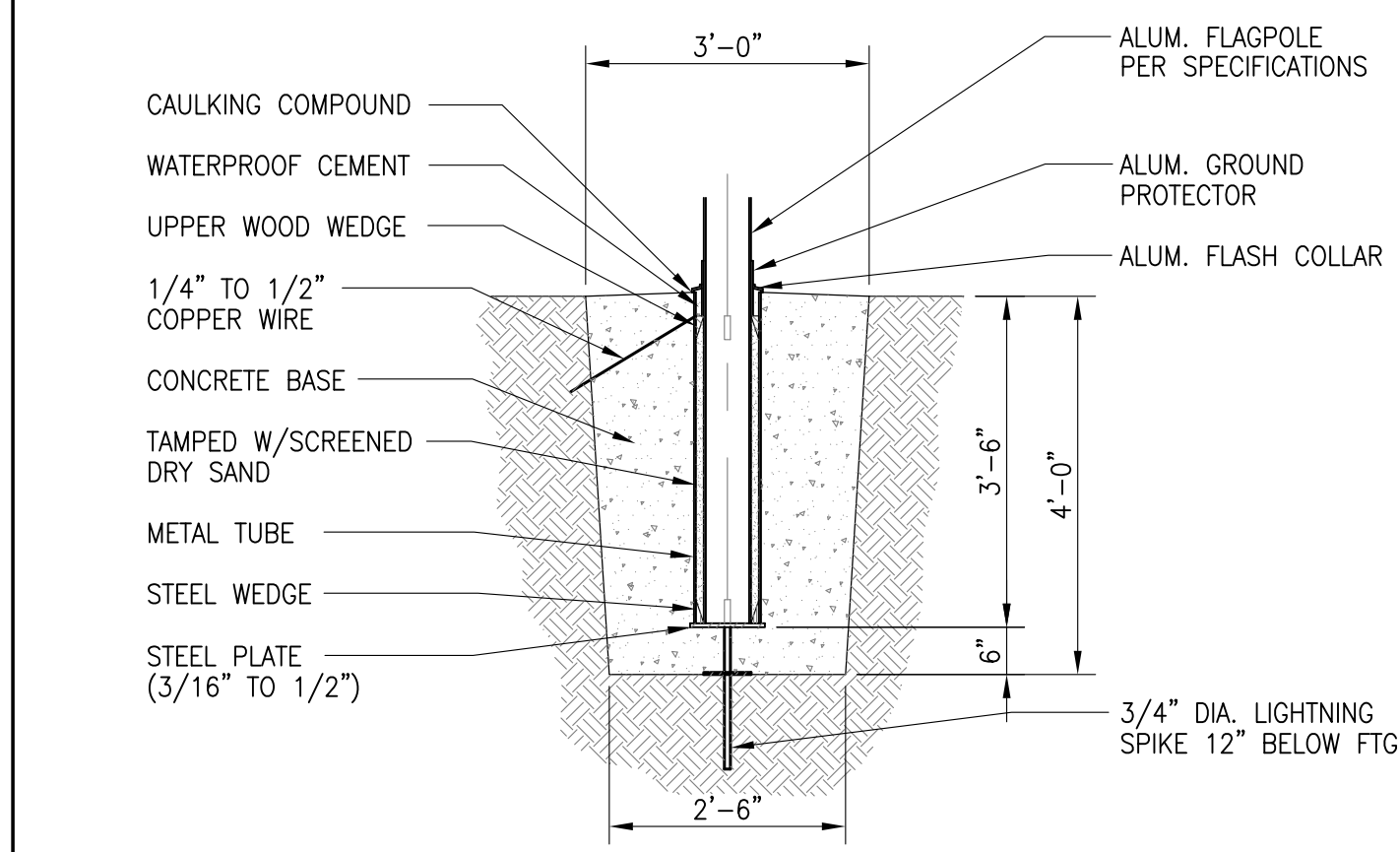
A = 10" PLAIN CONCRETE FOR APRONS/PAVEMENT
8" PLAIN CONCRETE FOR APRONS/PAVEMENT
6" PLAIN CONCRETE FOR APRONS/PAVEMENT
4" PLAIN CONCRETE FOR SIDEWALKS

B = 6" COMPACTED #53 CRUSHED LIMESTONE FOR 10" CONCRETE APRONS/PAVEMENT
6" COMPACTED #53 CRUSHED LIMESTONE FOR 8" CONCRETE APRONS/PAVEMENT
6" COMPACTED #53 CRUSHED LIMESTONE FOR 6" CONCRETE APRONS/PAVEMENT
4" COMPACTED #53 CRUSHED LIMESTONE FOR 4" CONCRETE SIDEWALKS

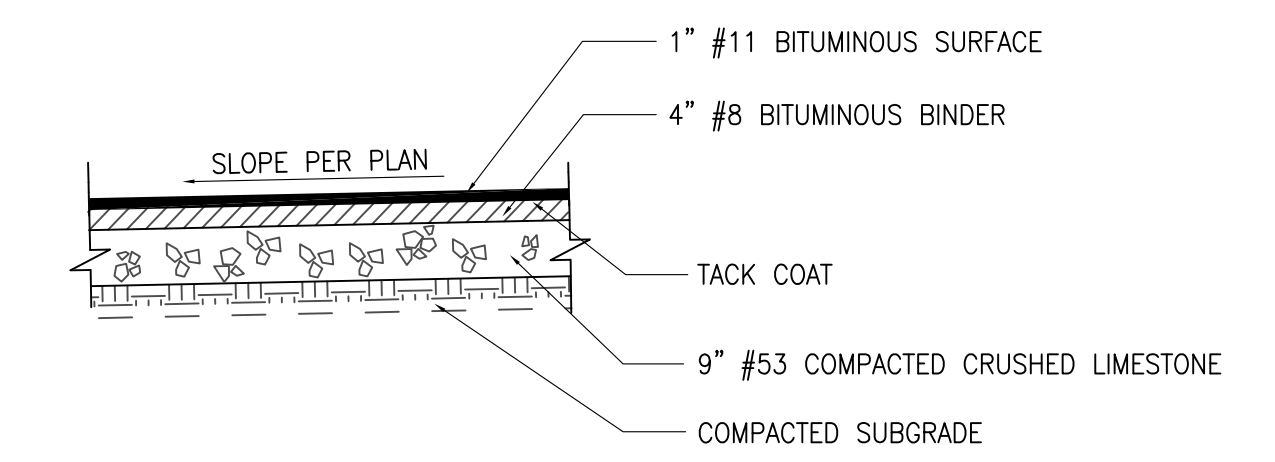
1 CONCRETE PAVEMENT EXPANSION AND CONTROL JOINTS
SCALE: NONE CP-001



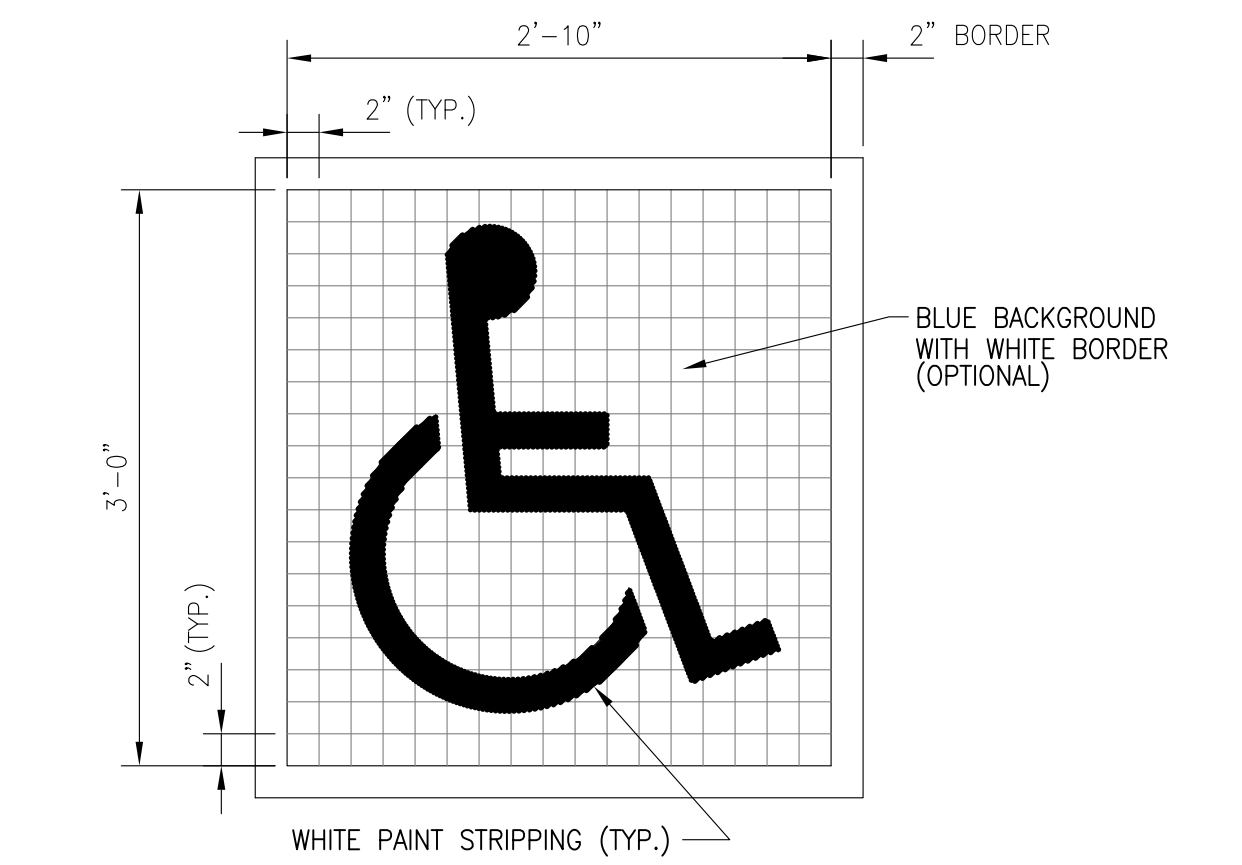
4 SIGN DETAIL
SCALE: NONE SIGN-001



5 FLAGPOLE BASE DETAIL
SCALE: 1/2" = 1'-0" FLP-001

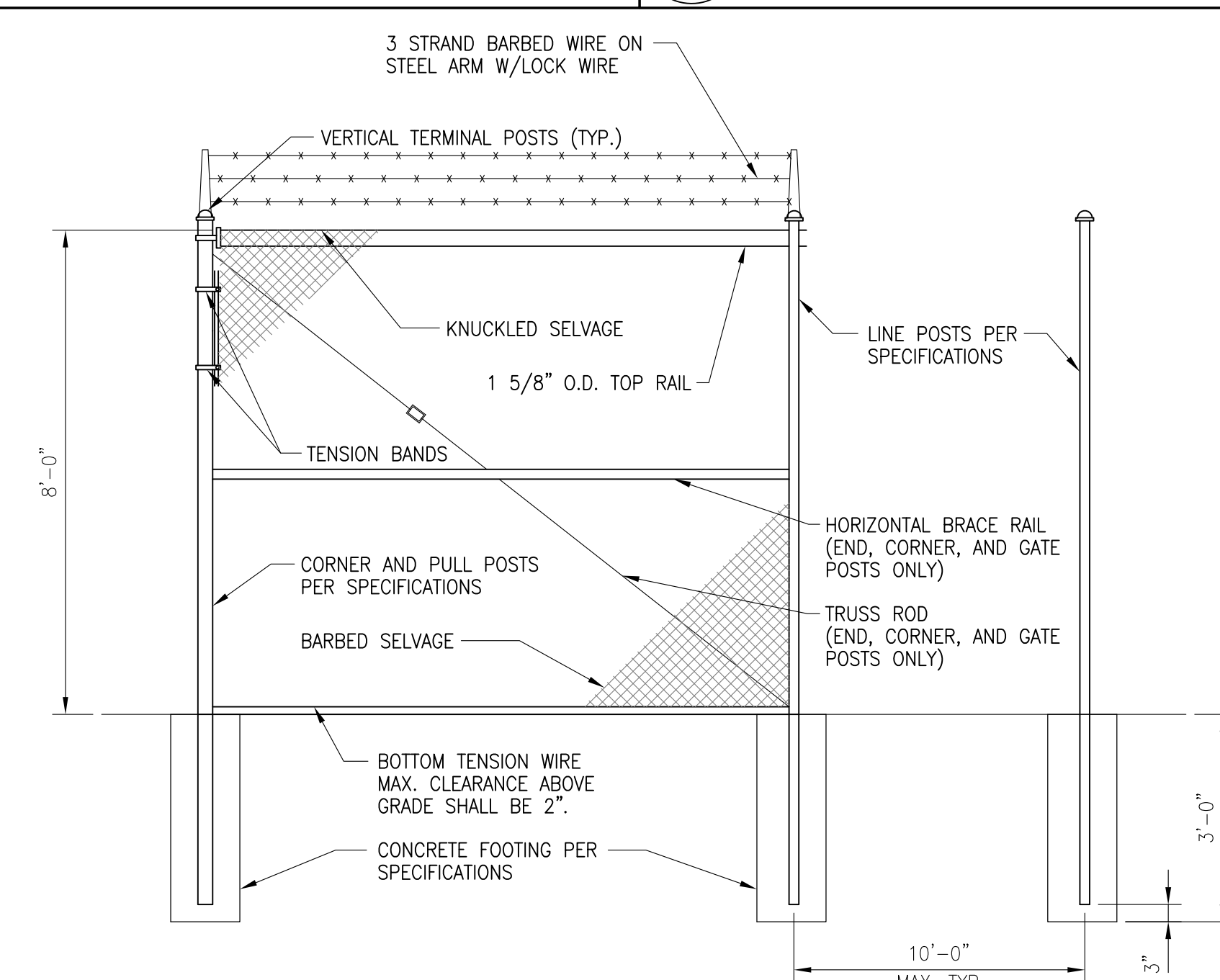


2 BITUMINOUS PAVING DETAIL
SCALE: NONE AP-002.dwg



NOTES:
1. GRID IS FOR LAYOUT PURPOSES ONLY.
IT SHALL NOT BE PAINTED.
2. ACCESSIBLE PAVEMENT MARKINGS SHALL
BE INSTALLED IN THE CENTER OF
EACH SPACE PER PLAN.

3 ACCESSIBLE PARKING PAVEMENT MARKING
SCALE: 1" = 1' ADA.dwg



6 CHAIN LINK FENCE ELEVATION
SCALE: NONE FE-006

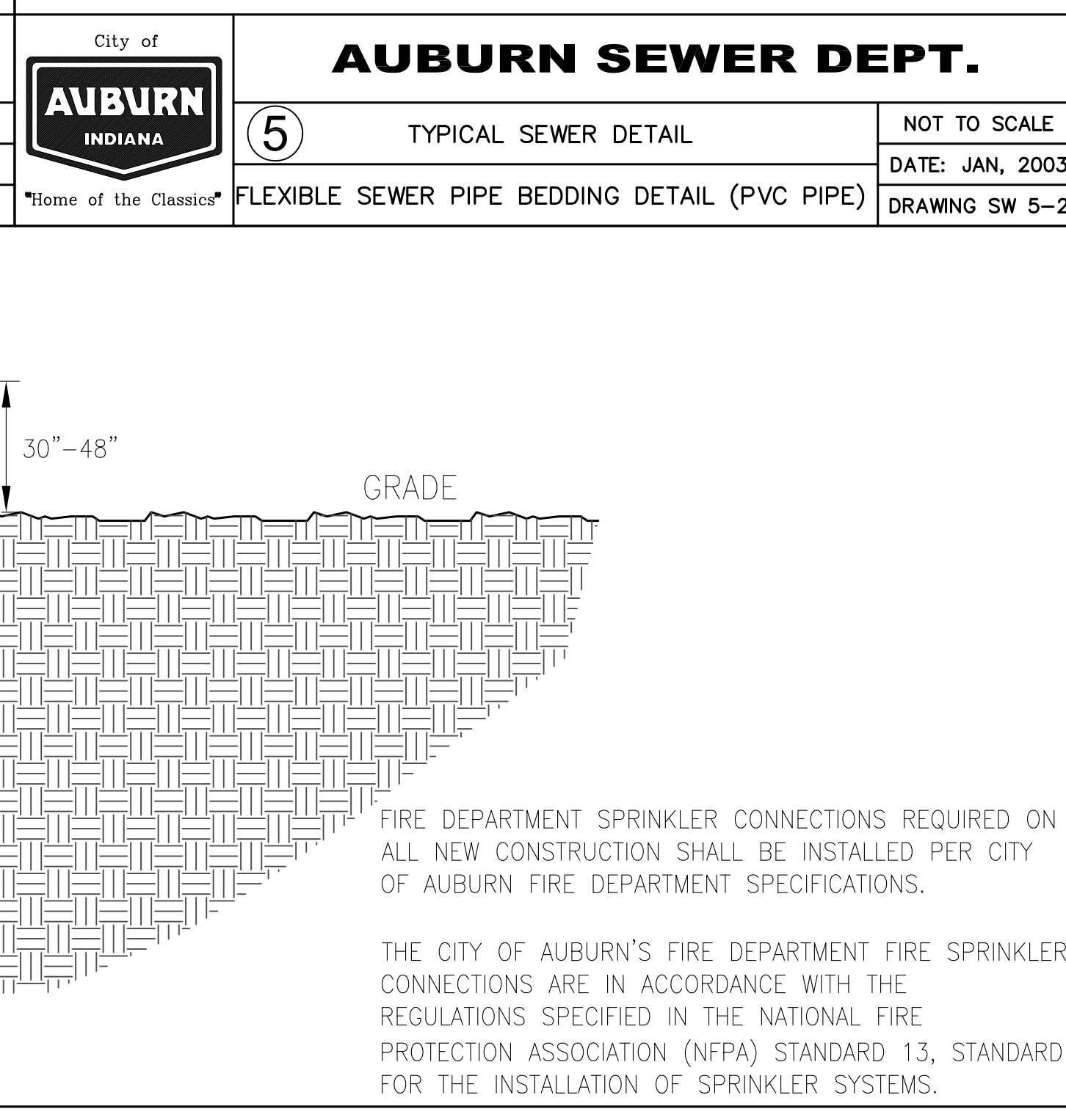
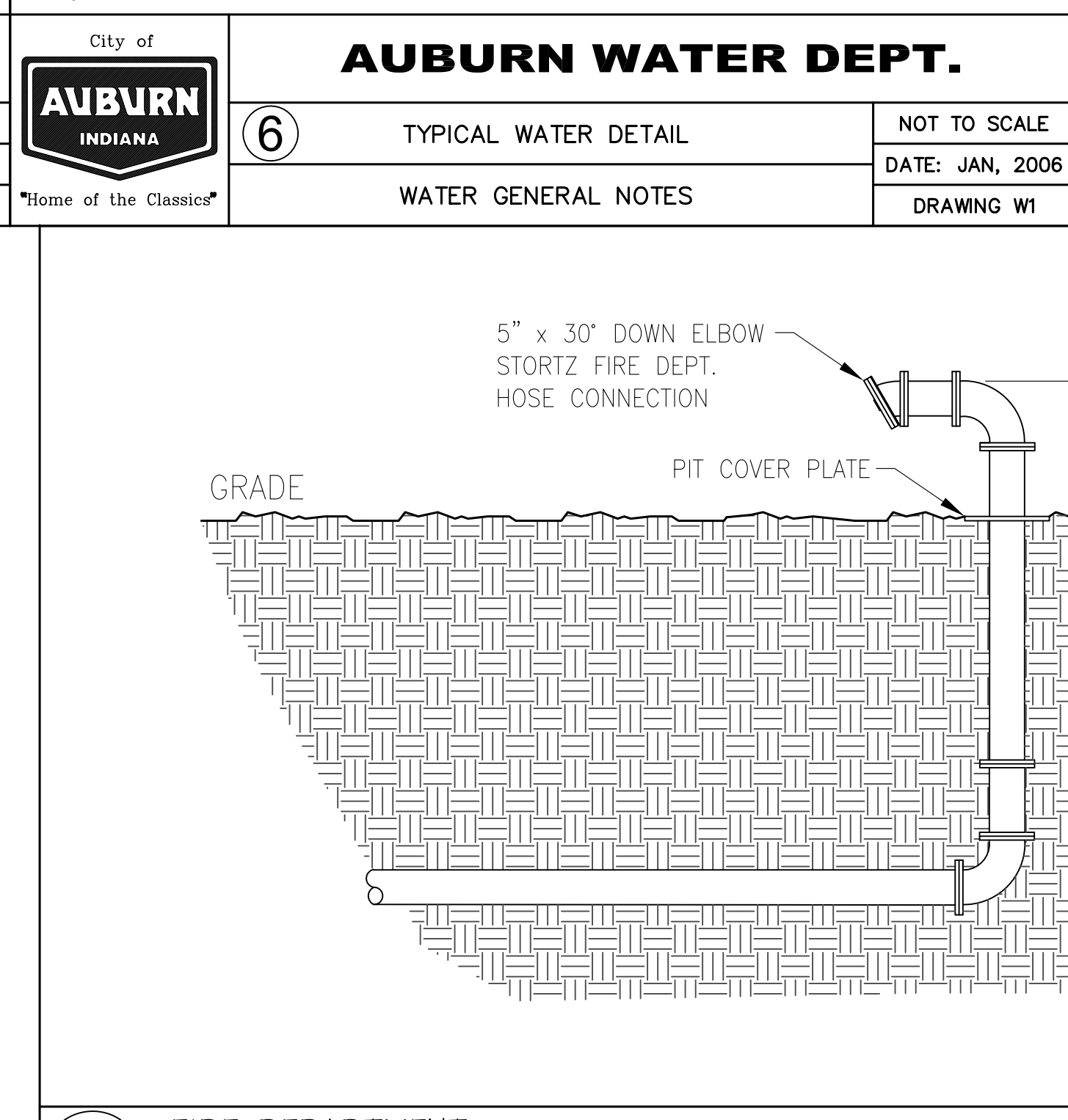
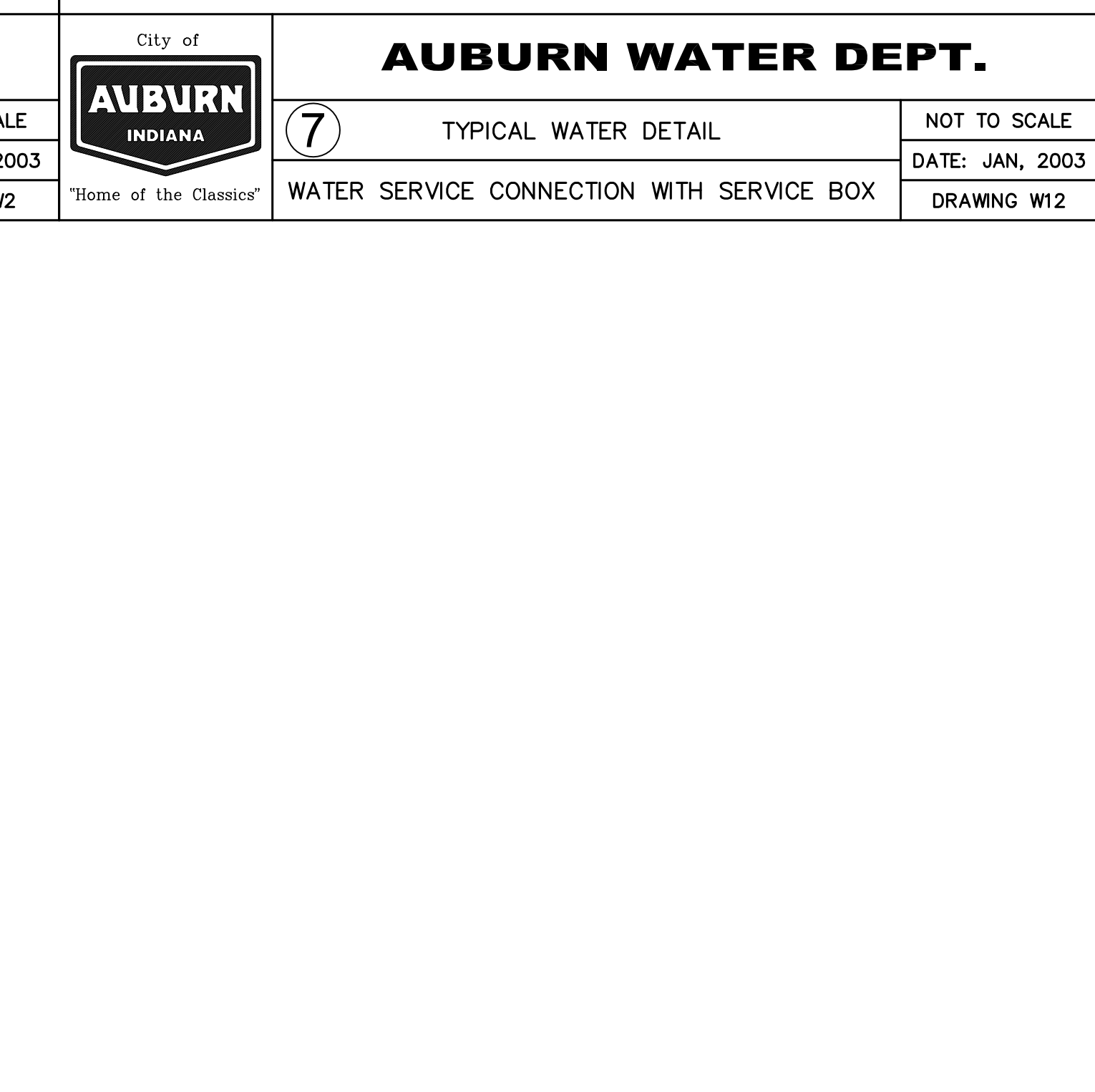
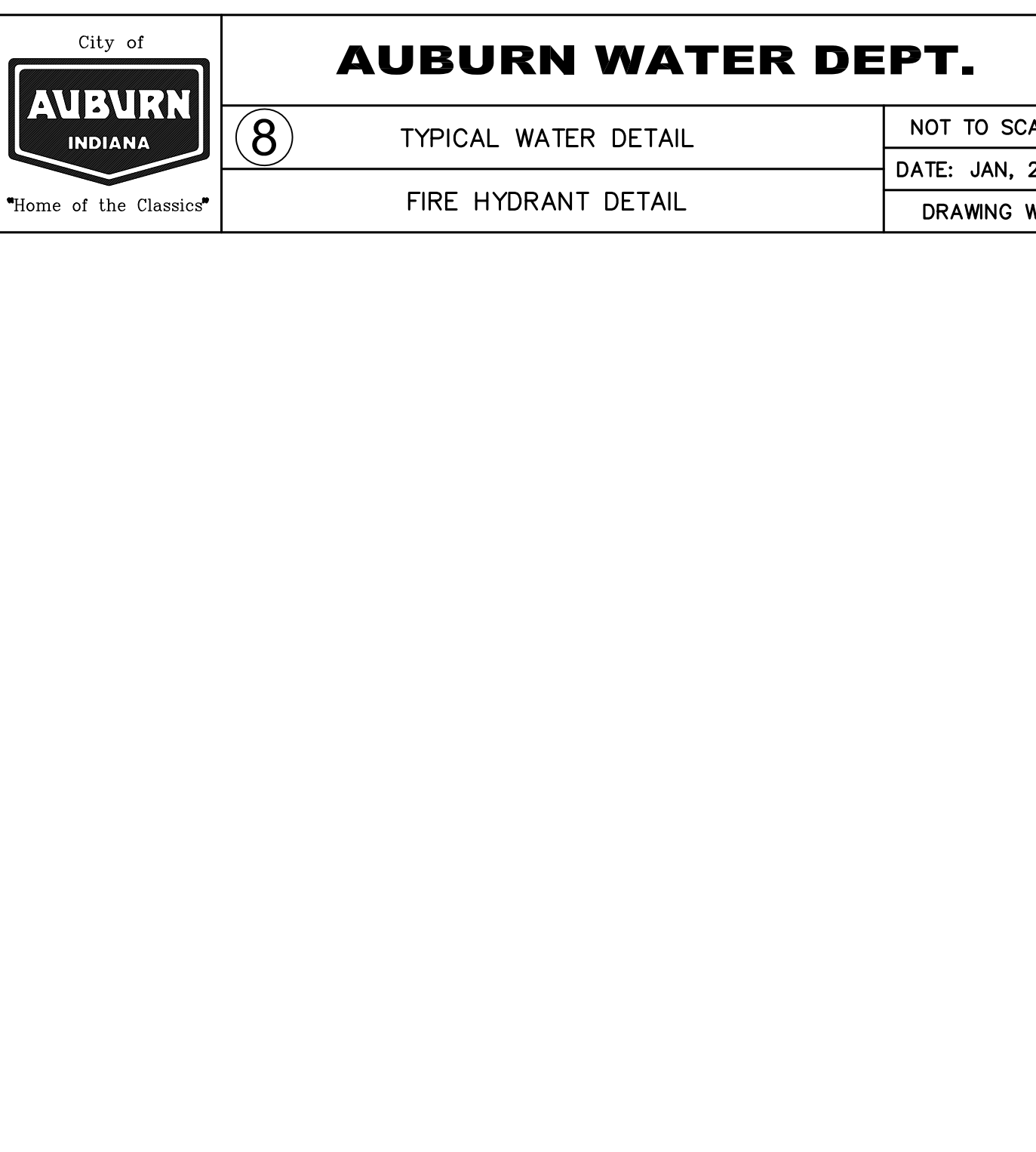
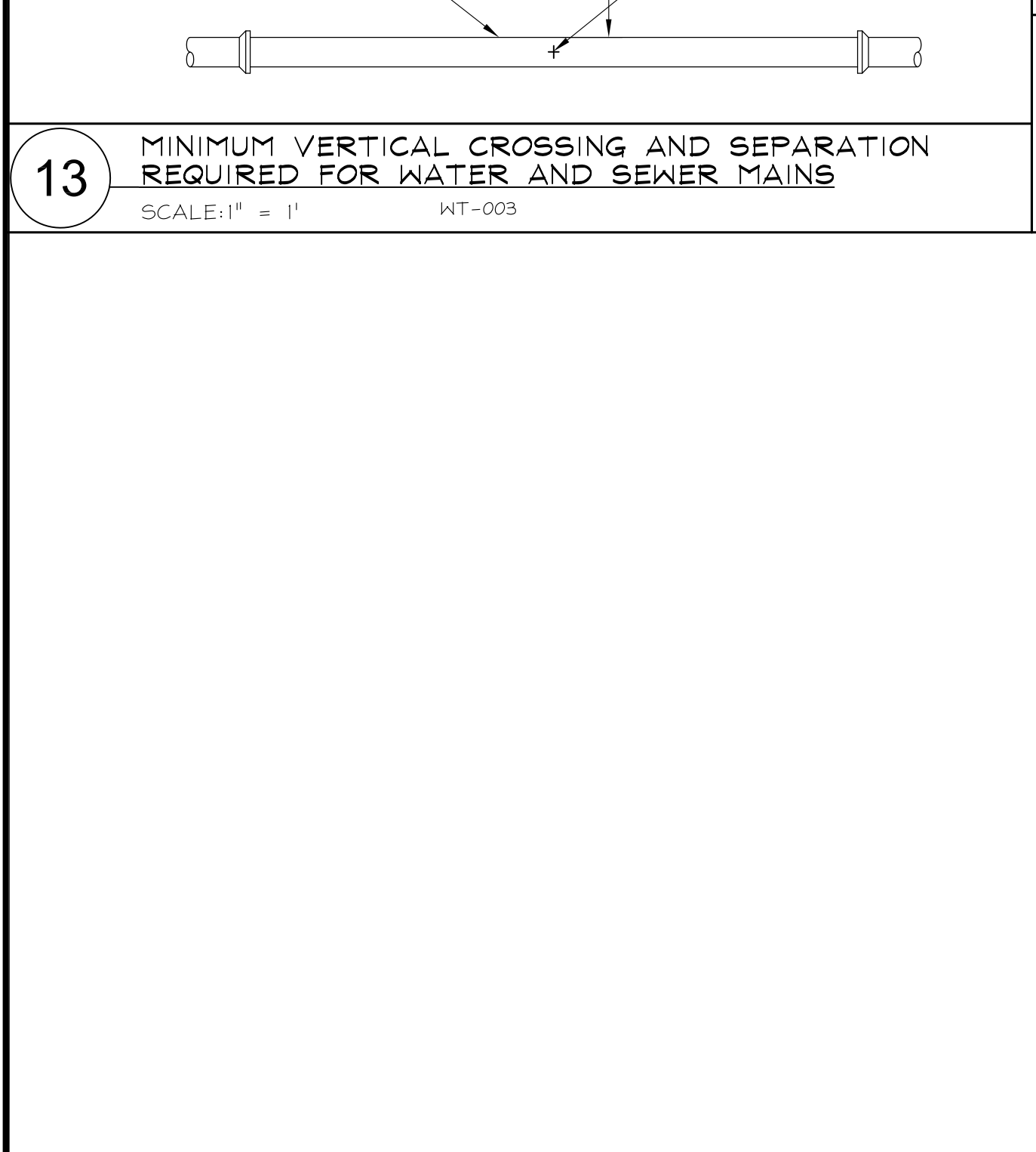
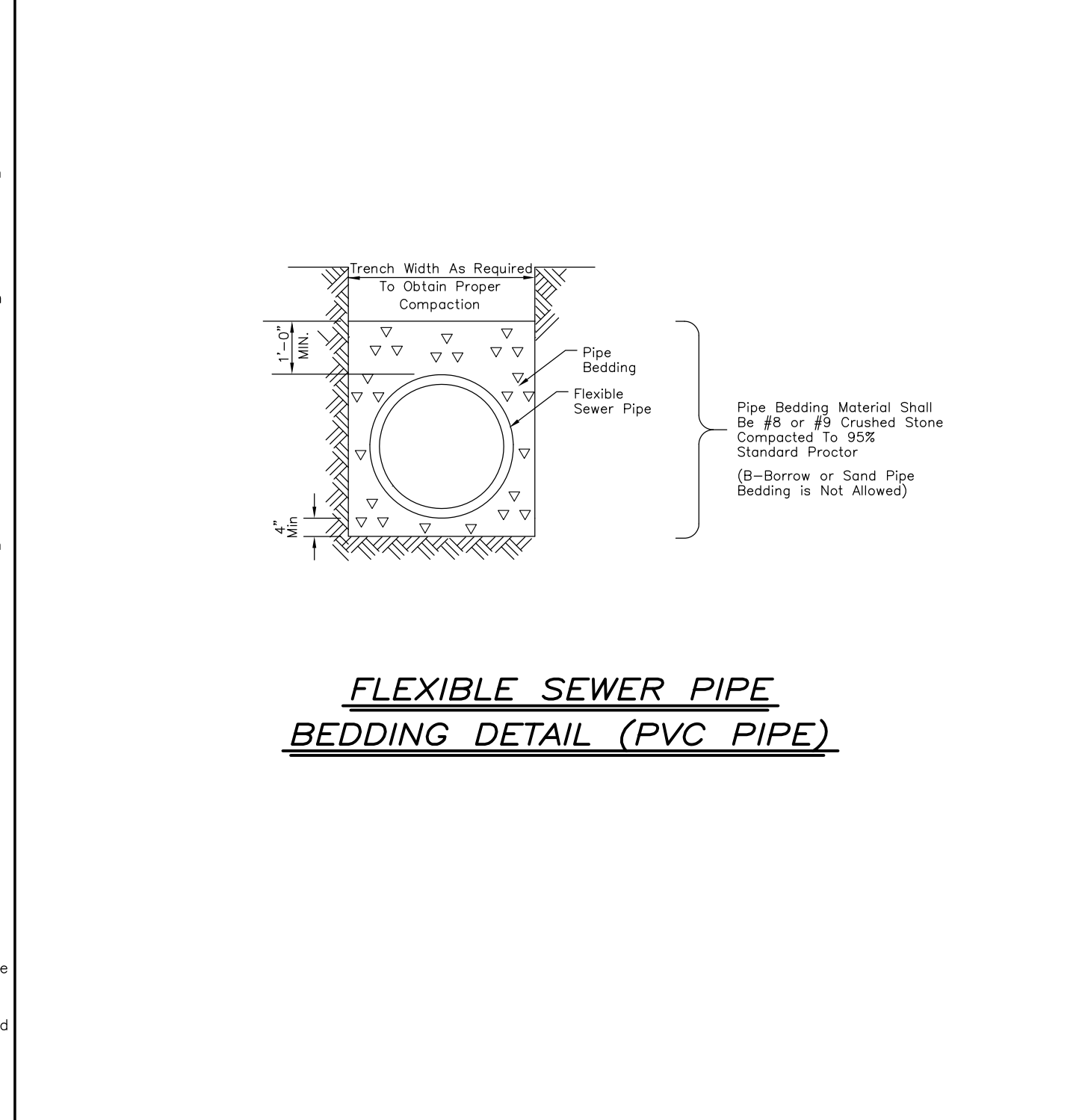
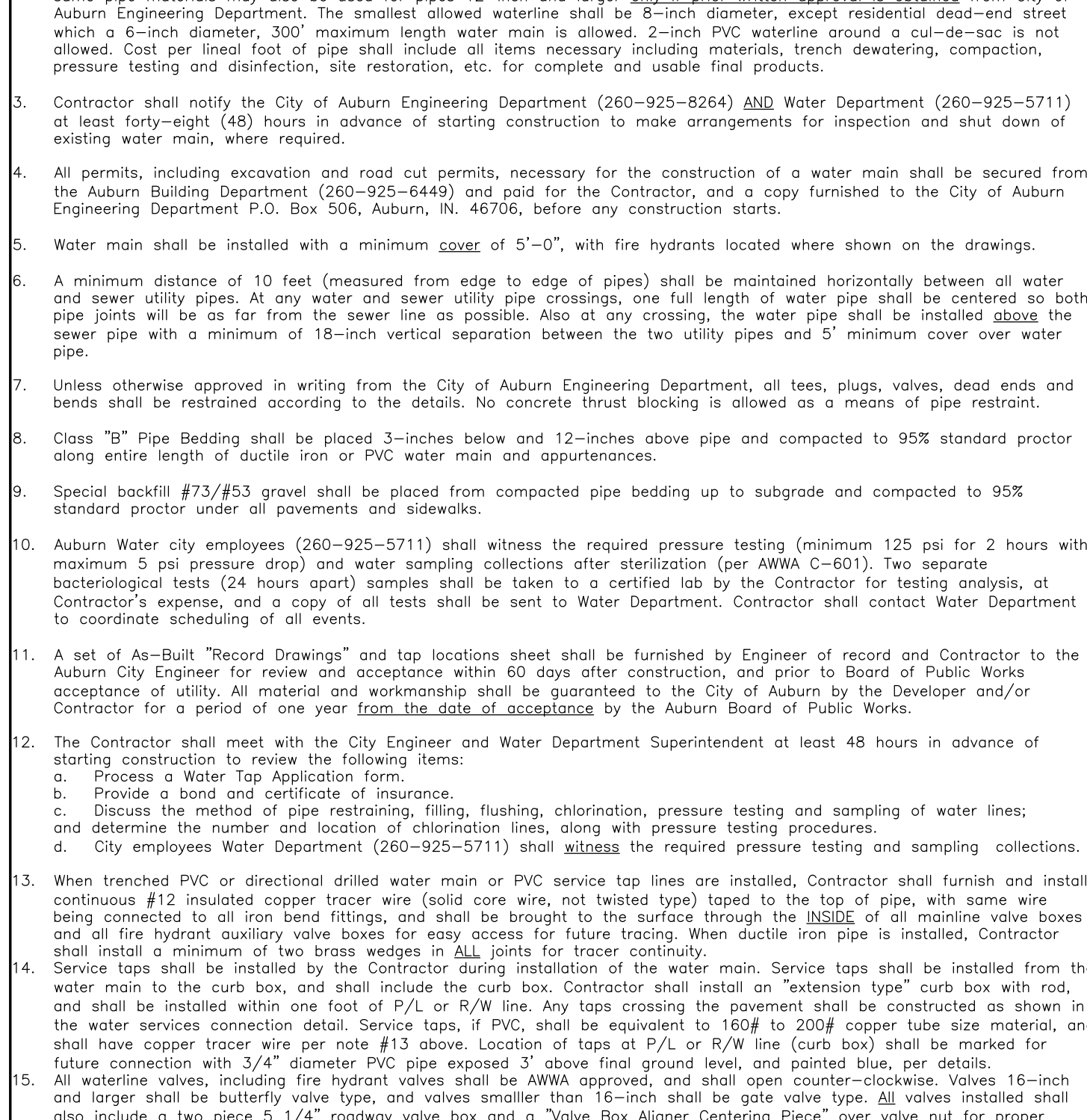
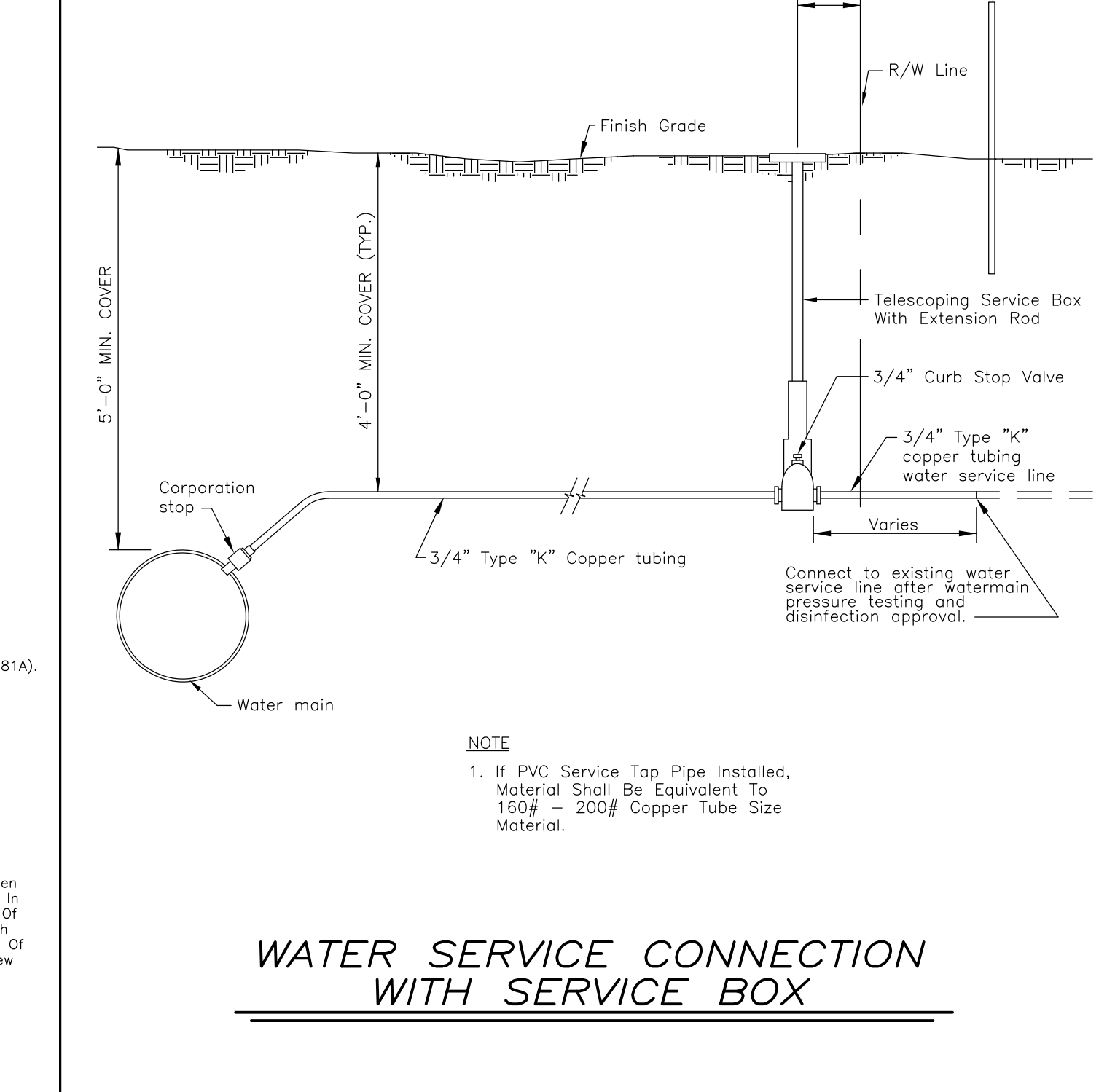
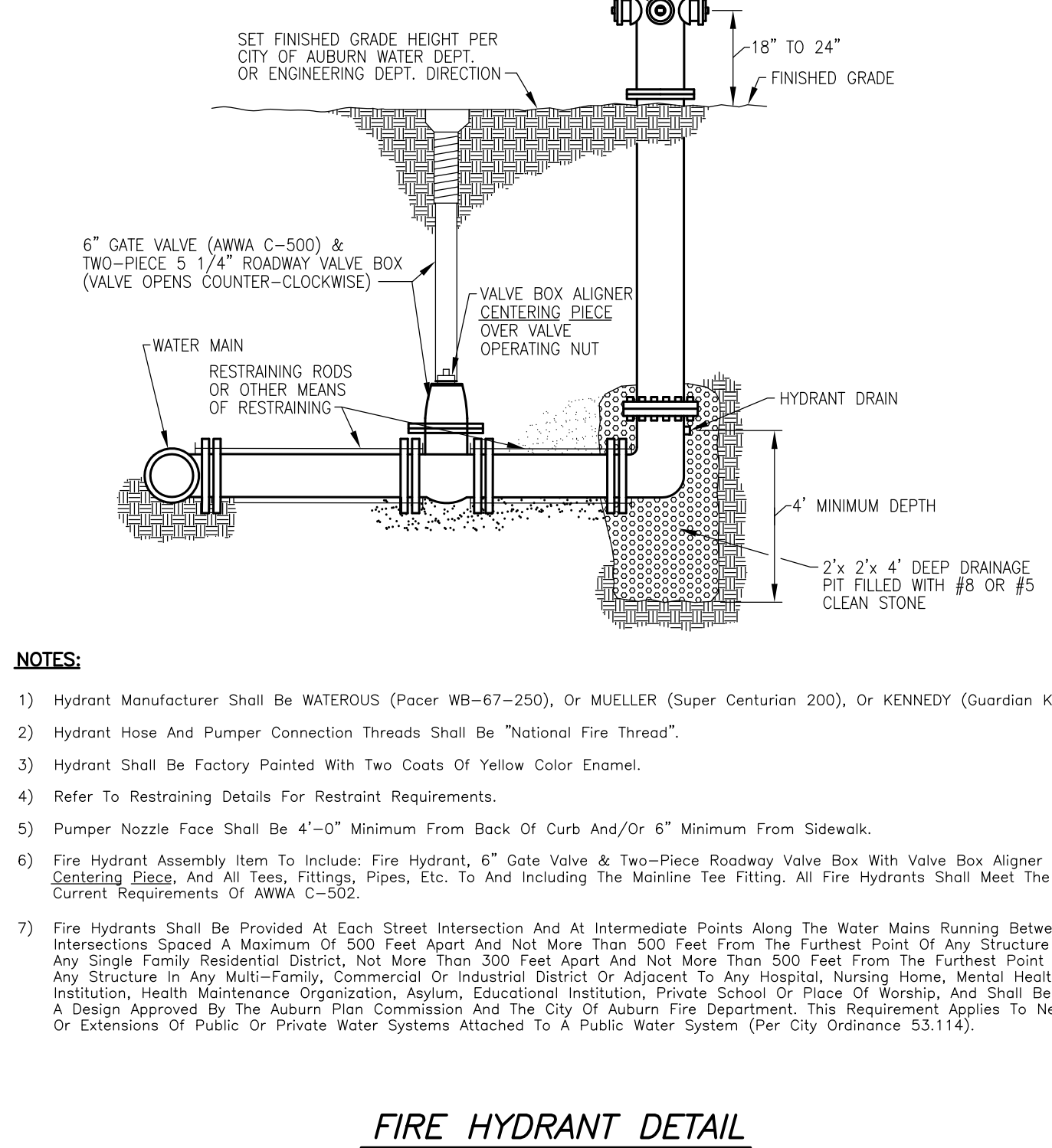
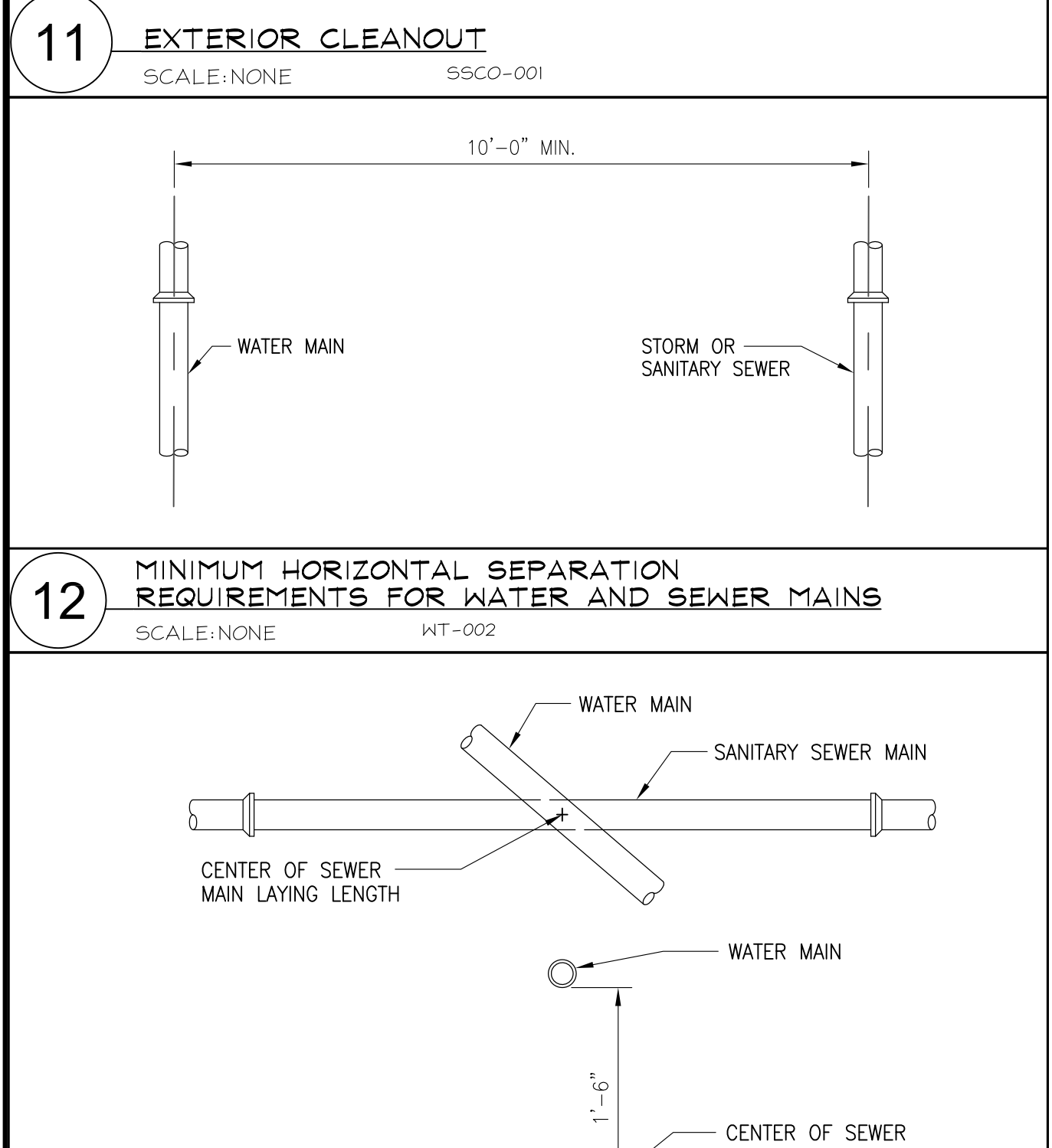
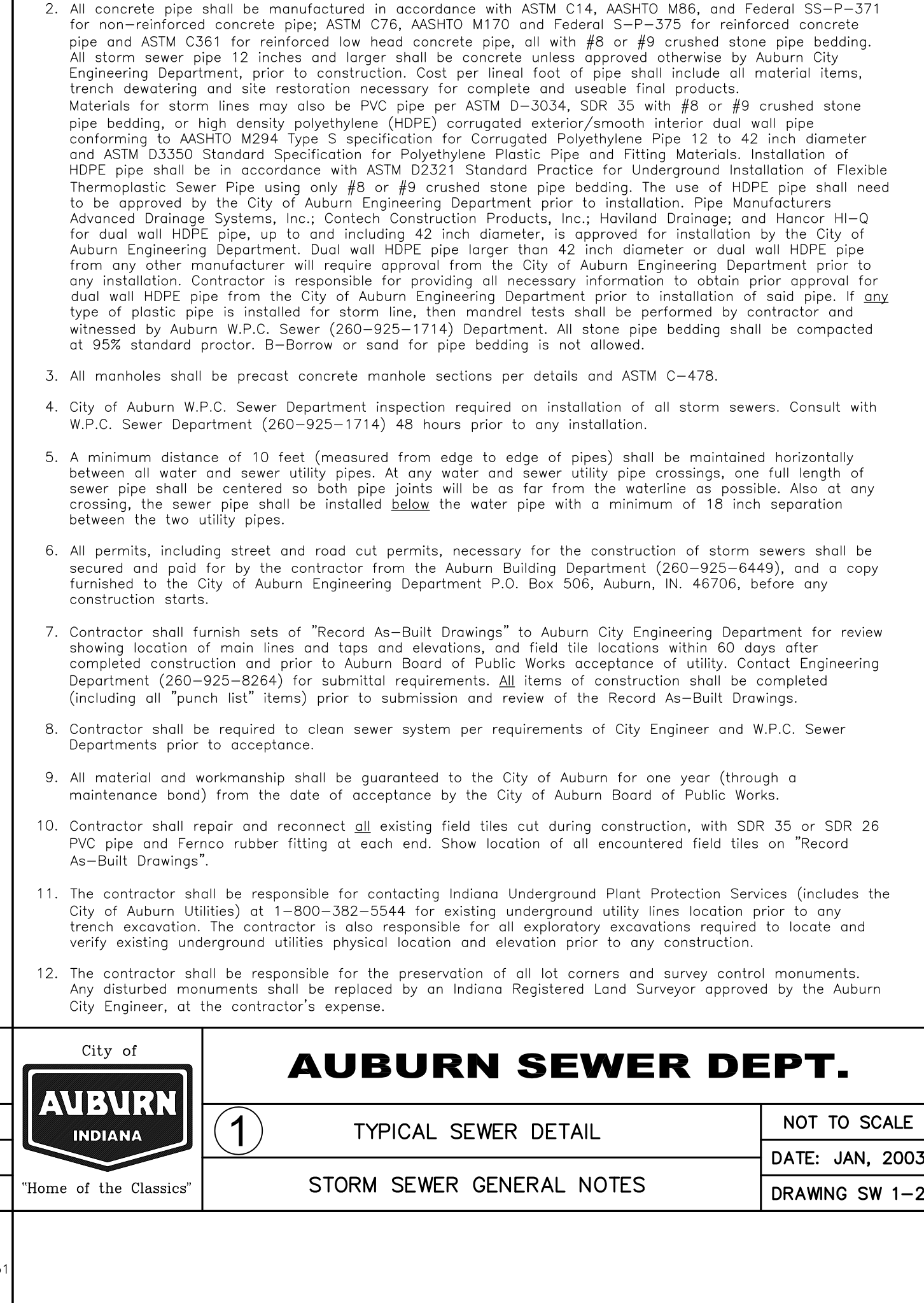
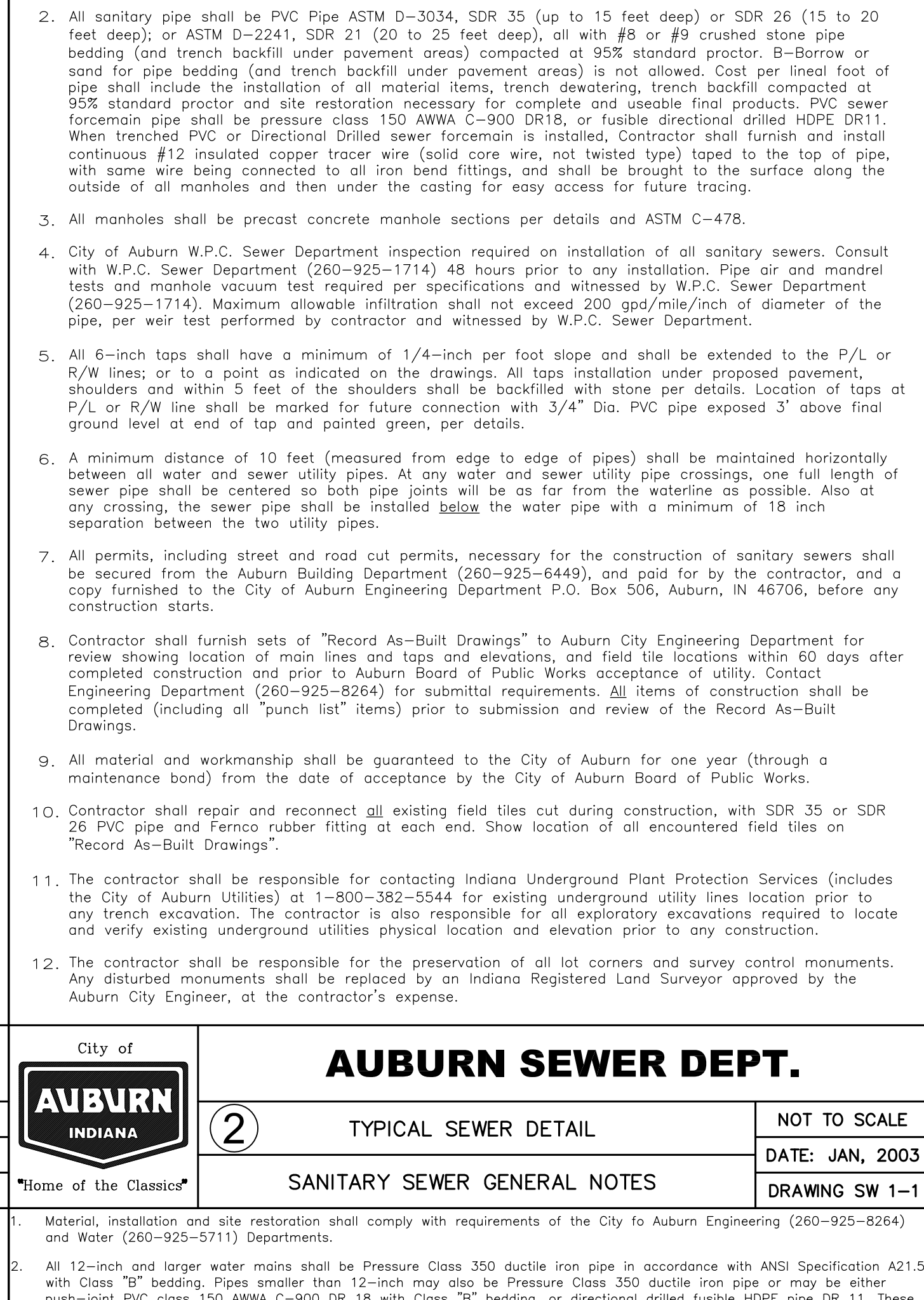
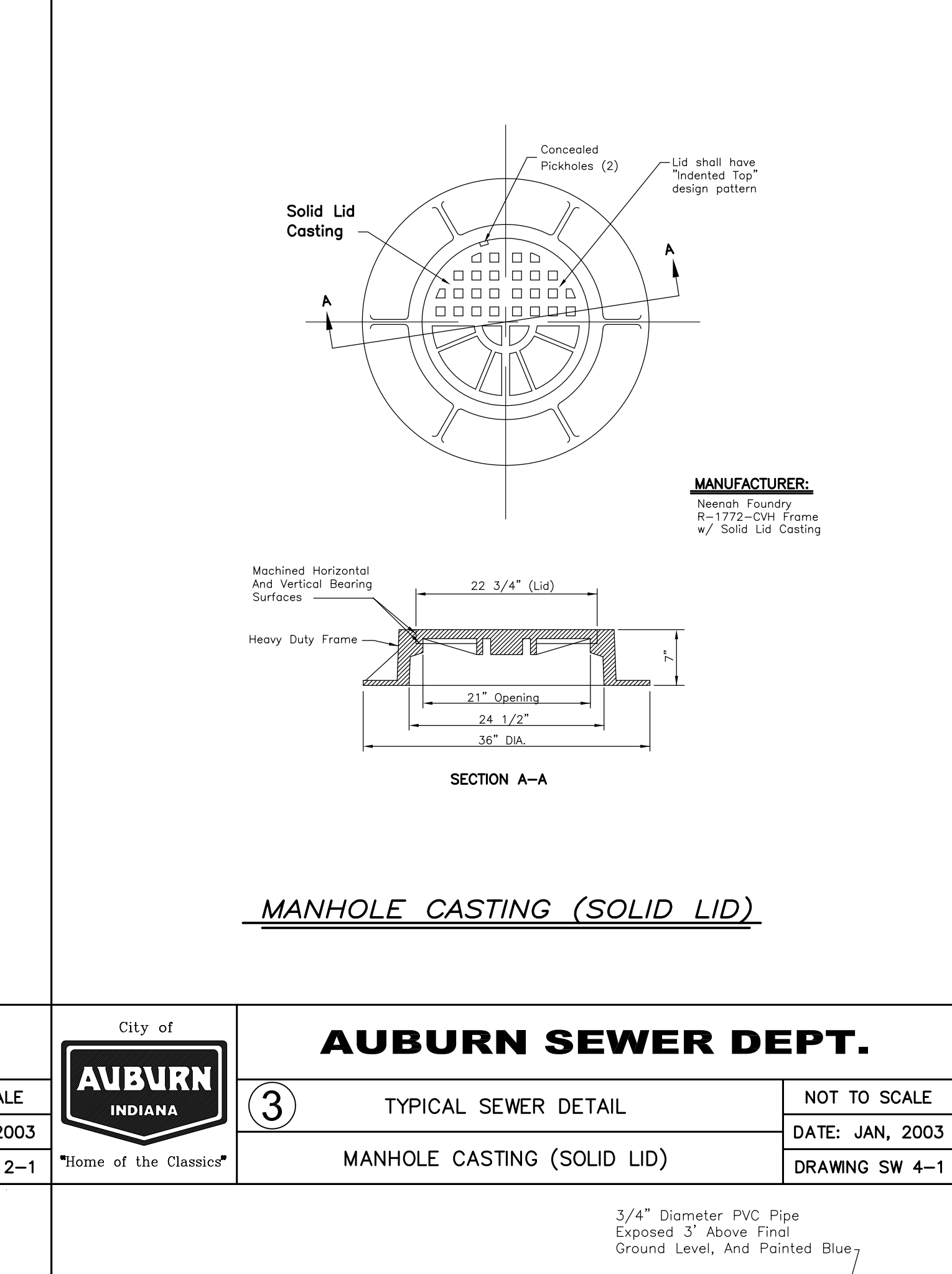
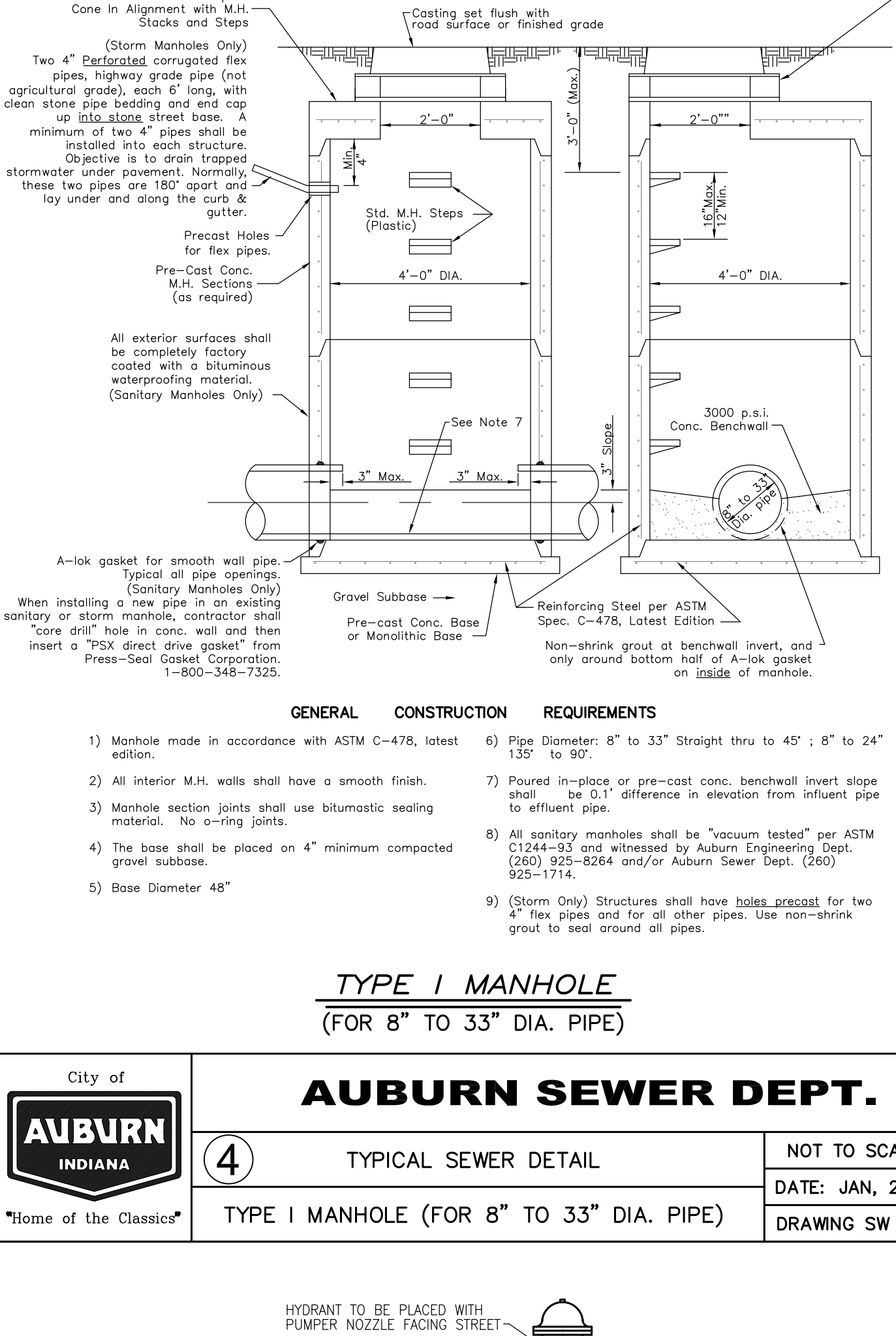
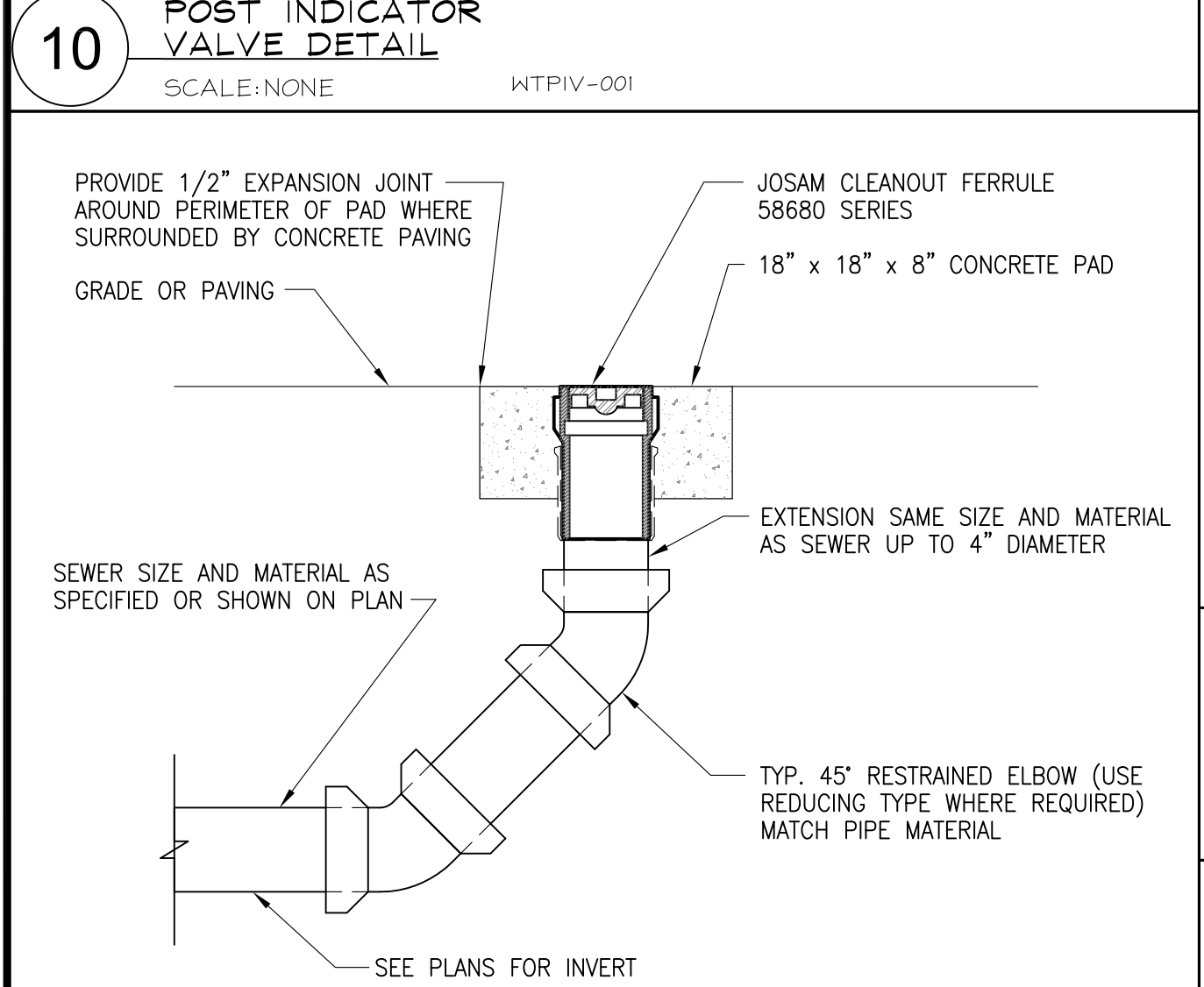
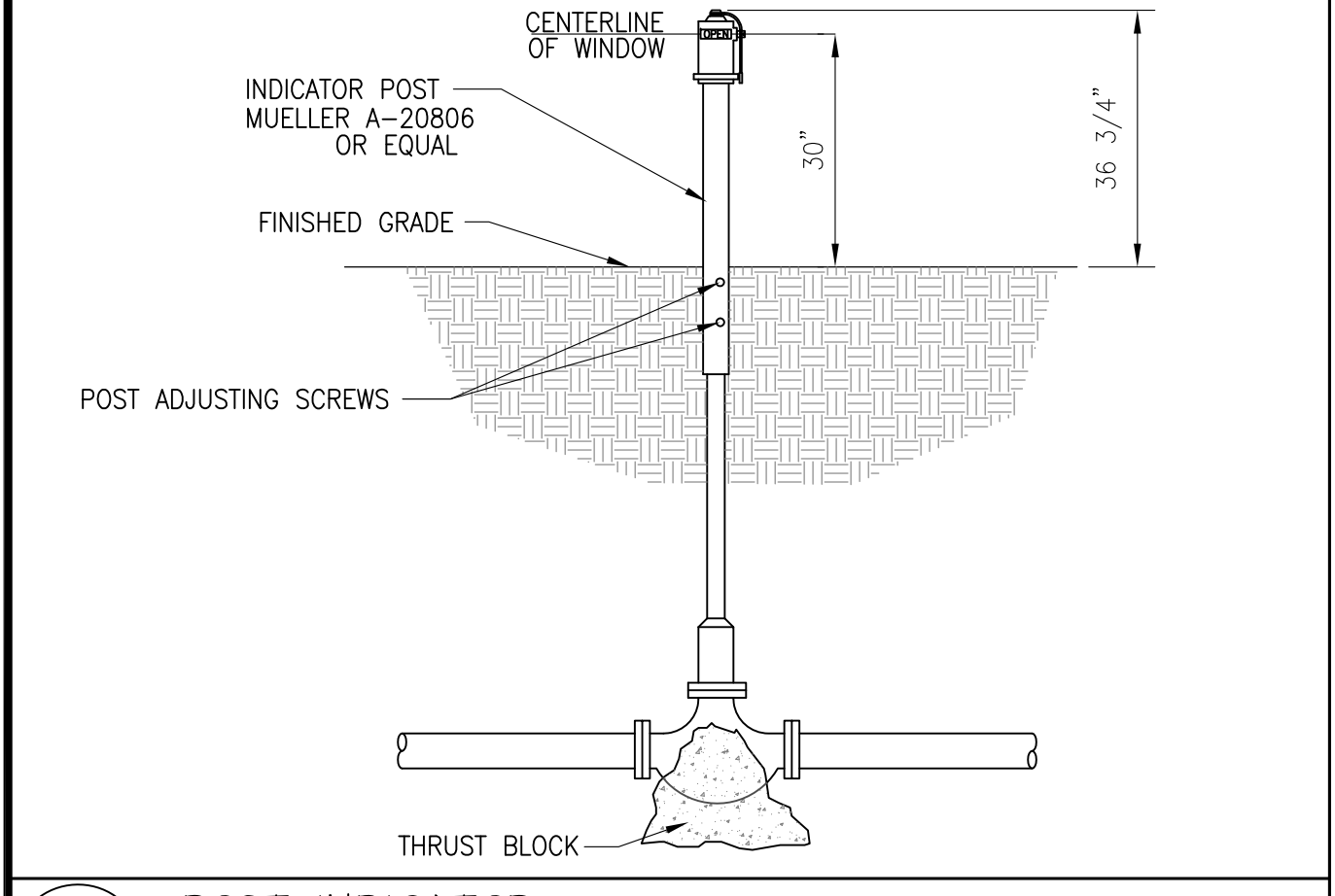
date	
revisions	
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scale: AS SHOWN
0 GRAPHIC SCALE

job#	210-0651
contract#	
designer:	KVA
drawn:	
checked:	
date:	

SITE DETAILS
**DEKALB COUNTY
CENTRAL COMMUNICATIONS CENTER**
AUBURN, IN
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SHEET
C5.0



DATE	REVISION	SYM

City of **AUBURN INDIANA**
AUBURN SEWER DEPT.
DATE: JAN, 2003
DRAWING SW 5-2

AS SHOWN
GRAPHIC SCALE

Job: 210-0651
Contract: KMA
Designed: []
Drawn: []
Checked: []
Date: []

SITE UTILITY DETAILS
DEKALB COUNTY
CENTRAL COMMUNICATIONS CENTER

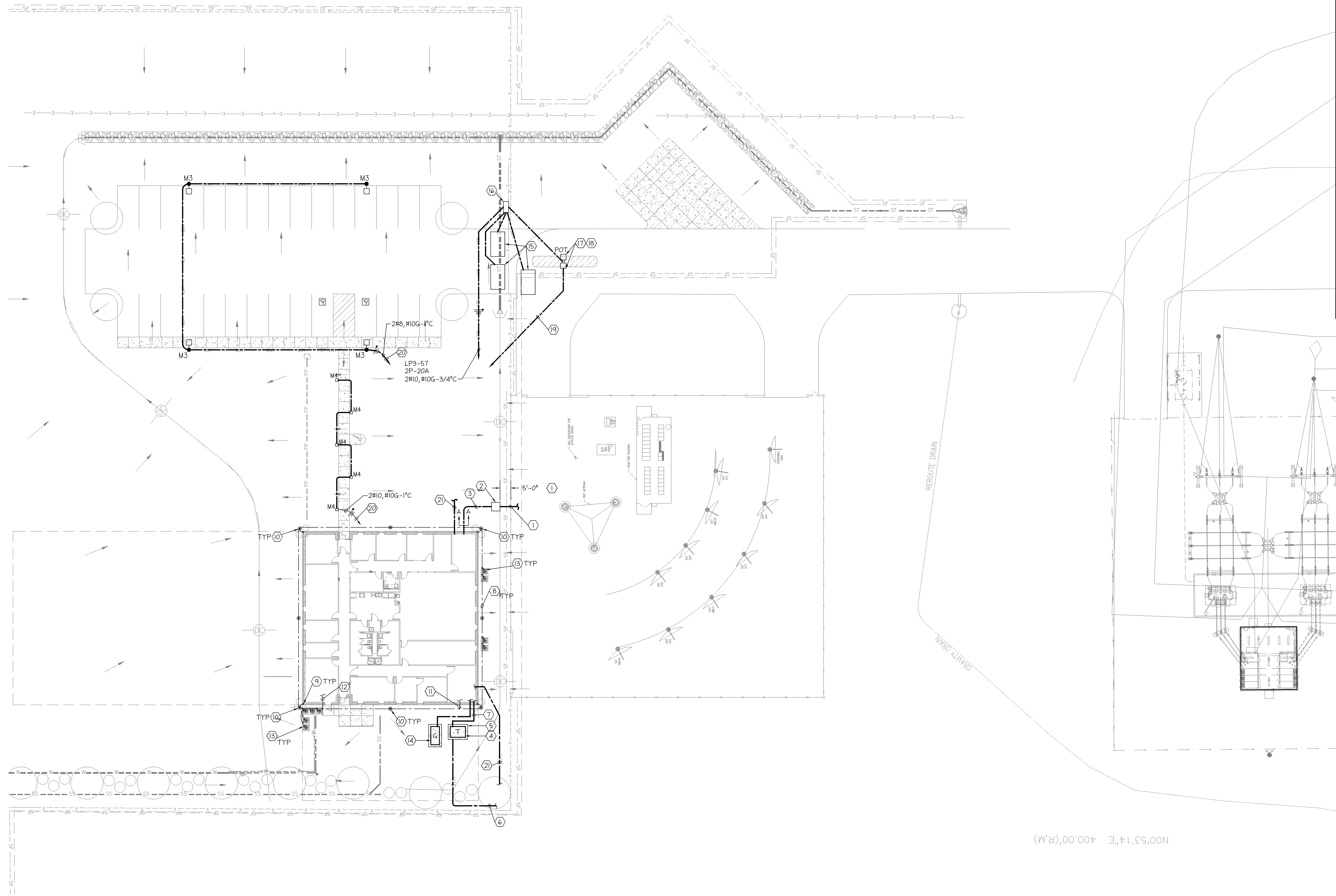
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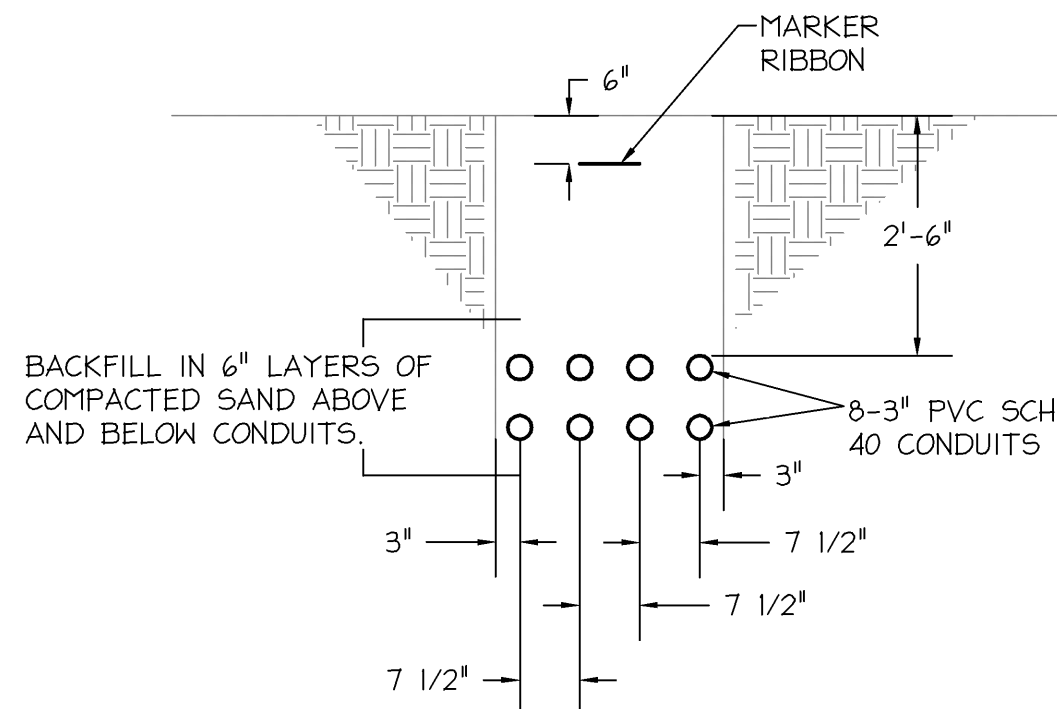
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NOO S3 1'4" E 400.00'(R,M)

1 ELECTRICAL SITE PLAN
SCALE: 1"=20'-0"

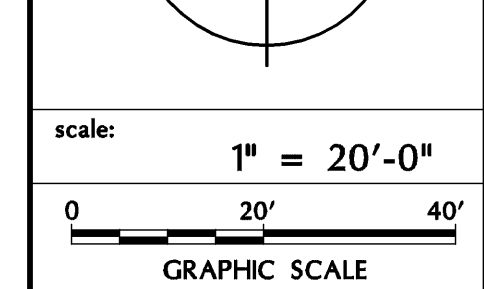


2 SECTION 'A-A'
SCALE: 1/2"=1'-0"

KEYED NOTES

- 1 8-3" EXISTING EMPTY CONDUITS STUBBED OUT 5'-0" BEYOND FENCE LINE AND CAPPED BY OTHERS FOR OWNER'S RADIO CABLING.
- 2 CONTRACTOR SHALL INSTALL PULL BOX SIZED PER NEC.
- 3 CONTRACTOR SHALL INSTALL 8-3" PVC SCH. 40 CONDUITS FROM PULL BOX TO DEPRESSED FLOOR AREA IN COM'1. CENTER ALL CONDUITS SHALL SLOPE 1/4" PER 12" FROM THE BUILDING TO THE PULL BOX. ALL CONDUITS PASSING THRU THE FOUNDATION WALLS SHALL BE SEAL LINK. (SIZE AS REQUIRED)
- 4 TRANSFORMER PAD BY ELECTRICAL CONTRACTOR PER UTILITIES COMPANIES REQUIREMENTS.
- 5 TRANSFORMER BY UTILITY COMPANY.
- 6 PRIMARY CABLING BY UTILITY COMPANY.
- 7 SECONDARY CABLING BY THE ELECTRICAL CONTRACTOR. SEE SHEET E5.0 FOR SIZING OF CABLE AND CONDUIT.
- 8 ENCIRCLE NEW BUILDING AS INDICATED WITH #4/0 BARE COPPER CONDUCTOR BURIED BELOW THE FROST LINE AND LOCATED OUTSIDE OF THE BUILDING FOUNDATION.
- 9 SECONDARY DOWN CONDUCTORS #2/0 Cu SHALL BE INSTALLED IN PVC CONDUIT DOWN THRU BUILDING.
- 10 PROVIDE 10'-0"x3/4" DIA COPPER CLAD GROUND RODS AND BOND TO THE ENCIRCLING GROUND LOOP WITH #4/0 BARE COPPER, CADWELDED GROUND LOOP TO GROUND ROD.
- 11 BOND #4/0 GROUNDING ELECTRODE TO MSHW.
- 12 BOND #2/0 TO INCOMING WATER SERVICE.
- 13 ALL MECHANICAL EQUIPMENT SHALL BE BONDED TO SECONDARY CONDUCTOR.
- 14 REFER TO SHEET E6.0, DETAIL #6 FOR GENERATOR AND CIVIL DRAWINGS FOR PAD SIZES.
- 15 SEE LOOP DETAILS ON SHEET E6.1 DETAIL #3 FOR ADDITIONAL INFORMATION.
- 16 GATE OPERATOR CONTROL UNIT.
- 17 PROXIMITY READER FOR GATE OPERATOR CONTROL.
- 18 REMOTE GATE INTERCOM STATION.
- 19 1" PVC CONDUIT WITH 2 PAIR #22 GA / INTERCOM, PROXIMITY READER.
- 20 TO CONTACTOR C-1.
- 21 2-2" PVC EMPTY CONDUITS FOR DATA/TELE/CATV CABLING BY OWNER.

date	revision

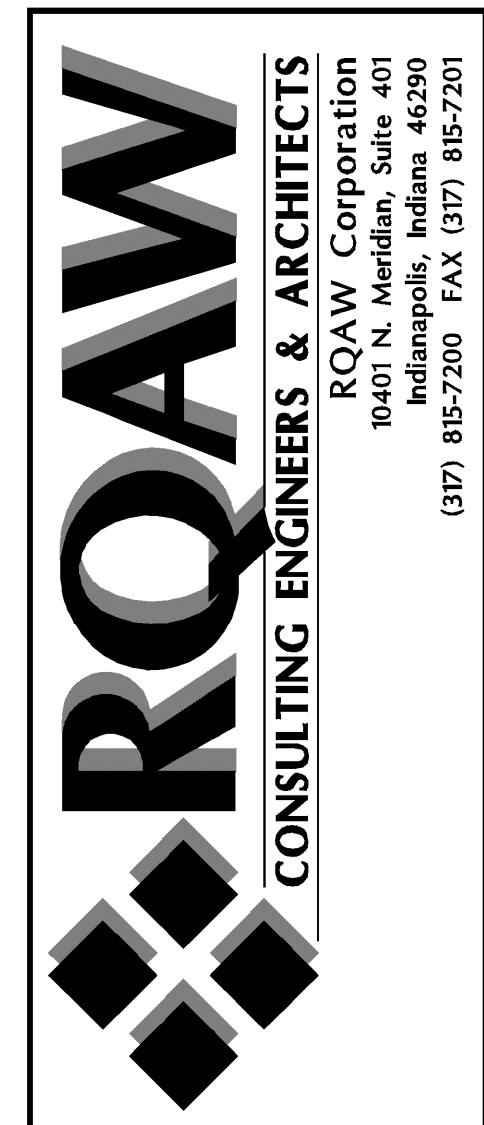


job:	210-0651
contract:	BDC
design:	N/M
drawn:	N/M
checked:	SKL
date:	

ELECTRICAL SITE PLAN
DEKALB COUNTY
CENTRAL COMMUNICATIONS CENTER

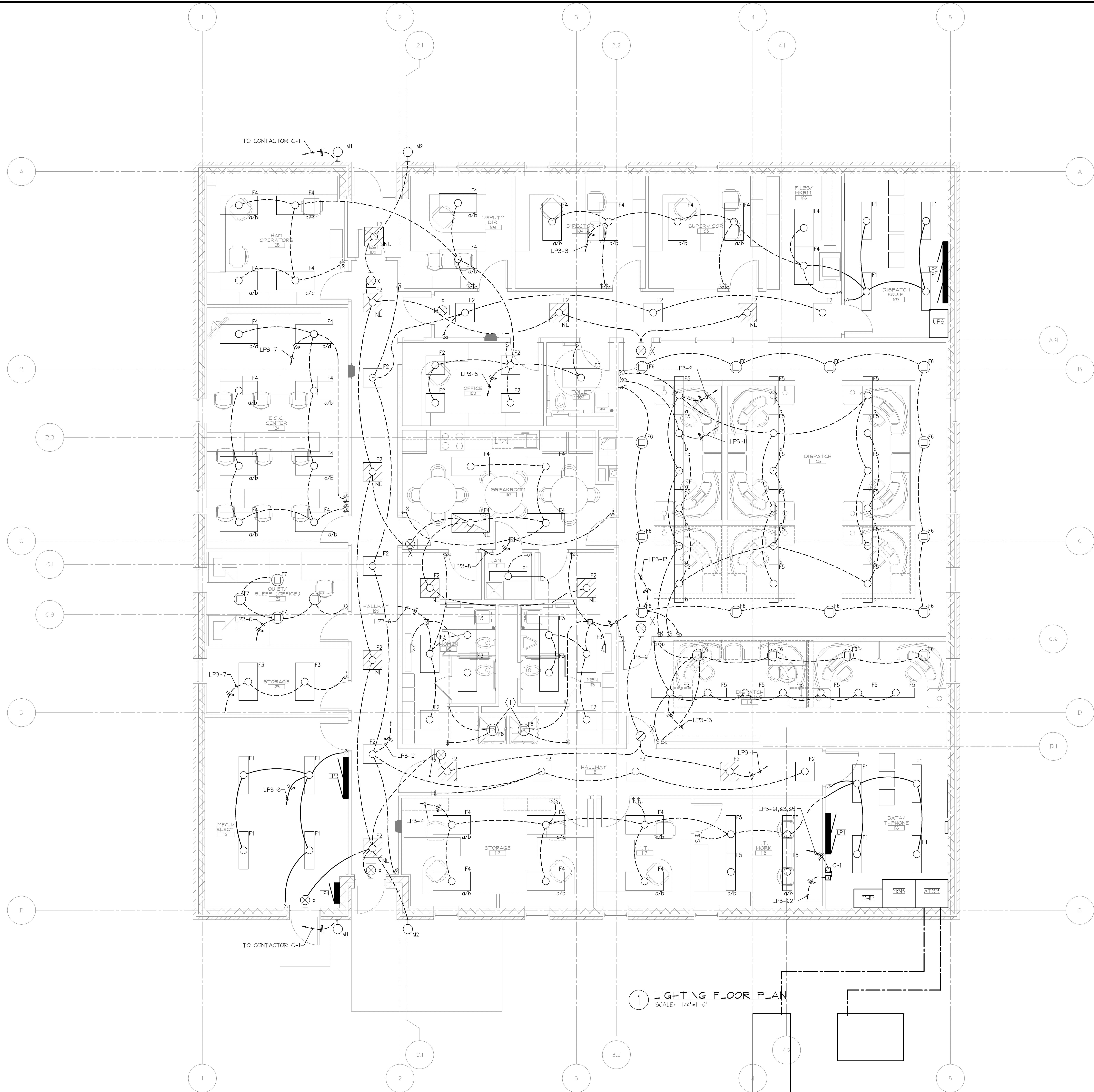
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SHEET
E1.0



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

GENERAL NOTES

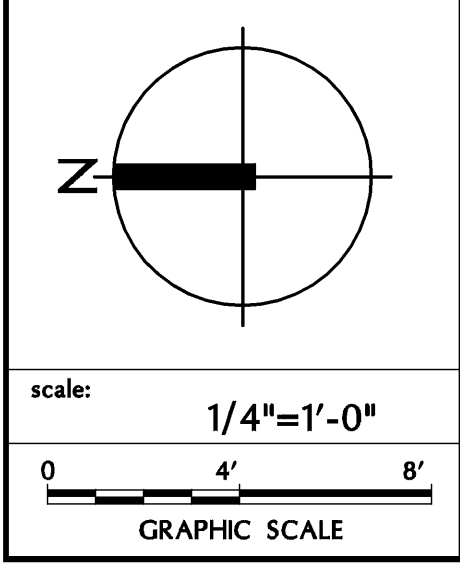
1. SEE SHEET E01 FOR ELECTRICAL GENERAL NOTES, LEGEND OF SYMBOLS AND ABBREVIATIONS.
2. NL
INDICATES 2-LAMP BALLAST CONNECTED TO EMERGENCY GENERATOR SYSTEM.
NL INDICATES LAMP SHALL BE CONNECTED AHEAD OF SWITCH FOR CONTINUOUS OPERATION.
3. CONTRACTOR IS RESPONSIBLE FOR LIGHT FIXTURE COUNTS ON THIS PROJECT.
4. CONTRACTOR IS RESPONSIBLE FOR VERIFYING CEILING TYPES AND THAT FIXTURE ARE CORRECT TYPE FOR CEILING.

KEYED NOTES

1. LIGHT FIXTURE PROVIDED BY SHOWER CABINET MANUFACTURER INSTALLED BY ELECTRICAL CONTRACTOR.



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job#	210-065.1
concept#	
design#	RDC
draw#	N/A
check#	SDL
date	

LIGHTING FLOOR PLAN
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CENTRAL COMMUNICATIONS CENTER**
AUBURN, IN
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E2.1
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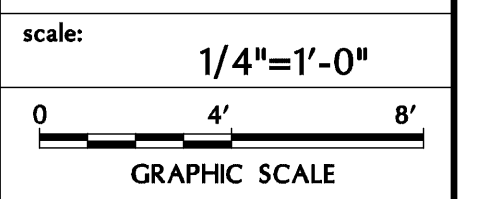
GENERAL NOTES

- SEE SHEET E0.1 FOR ELECTRICAL GENERAL NOTES, LEGEND OF SYMBOLS AND ABBREVIATIONS.
- CONTRACTOR WILL BE REQUIRED TO VERIFY ALL OUTLET HEIGHTS WITH APPROVE CASEWORK/MILL WORK SHOP DRAWINGS PRIOR TO ANY ROUGH-IN WORK. CONTRACTOR WILL BE REQUIRED TO FIT ACTUAL DESIGN.
- SEE SYSTEM PLANS FOR COORDINATION OF DATA/TELE LOCATIONS.

KEYED NOTES

- SEE SITE PLAN SHEET E1.0 FOR CONTINUATION.
- SEE SITE PLAN FOR UTILITY COMPANY TRANSFORMER AND ELECTRIC GENERATOR LOCATIONS. SEE SINGLE LINE RISER DIAGRAM FOR ADDITIONAL INFORMATION.
- DEVICE SHALL BE PROTECTED BY ARC FAULT CURRENT INTERRUPTER.
- NOT USED
- 4'x4" JUNCTION BOX SHALL BE SECURED TO DERESSED FLOOR.
- QUAD RECEPTACLES SHALL BE FREE TO MOVE WITH FLEX CONDUIT FROM RECEPTACLE TO JUNCTION BOX BELOW COMPUTER FLOOR.
- IF BRANCH CIRCUITS 5#12, #10G-3/4" C ARE GROUPED TOGETHER OTHER THAN INDICATED, WIRING SHALL BE WIRING SHALL BE DERATED FOR THE CONDUIT SIZE PER N.E.C.
- ELECTRICAL CONTRACTOR SHALL INSTALL A 2"x1/2" COPPER GROUND BUS BAR. BUS BAR SHALL HAVE STAND-OFFS AT LEAST EVERY 12" AND BE 1/2" LONG. ALL EQUIPMENT SHALL BE GROUNDED TO BUS BAR WITH A MIN. OF #6 COPPER WIRE SIZE. GROUND BUS BAR SHALL BE BONDED TO BUILDING GROUND LOOP WITH #2/0 BAR COPPER CABLE AND 1#8 MAIN GROUND BUS WITH NUMBER 4 GROUND CABLE.
- REFRIGERATOR 120V-1Ø.
- RANGE 2P-50A-2Ø8V-Ø.
- RANGE HOOD 120V-Ø.
- DISPOSAL 120V-1Ø.
- VENDING MACHINE 120V-1Ø.
- COMMUNICATIONS EQUIPMENT BOARD. 4'x8'x3/4"
- EXHAUST FAN INTERLOCKED WITH MOTORIZED DAMPER.
- CLEAN-AGENT CONTROL PANEL 120V-1Ø.
- CABLE TRAY LOCATED BELOW COMPUTER FLOOR.
- CABLE TRAY LOCATED ABOVE CEILING.

date	revisions	sym

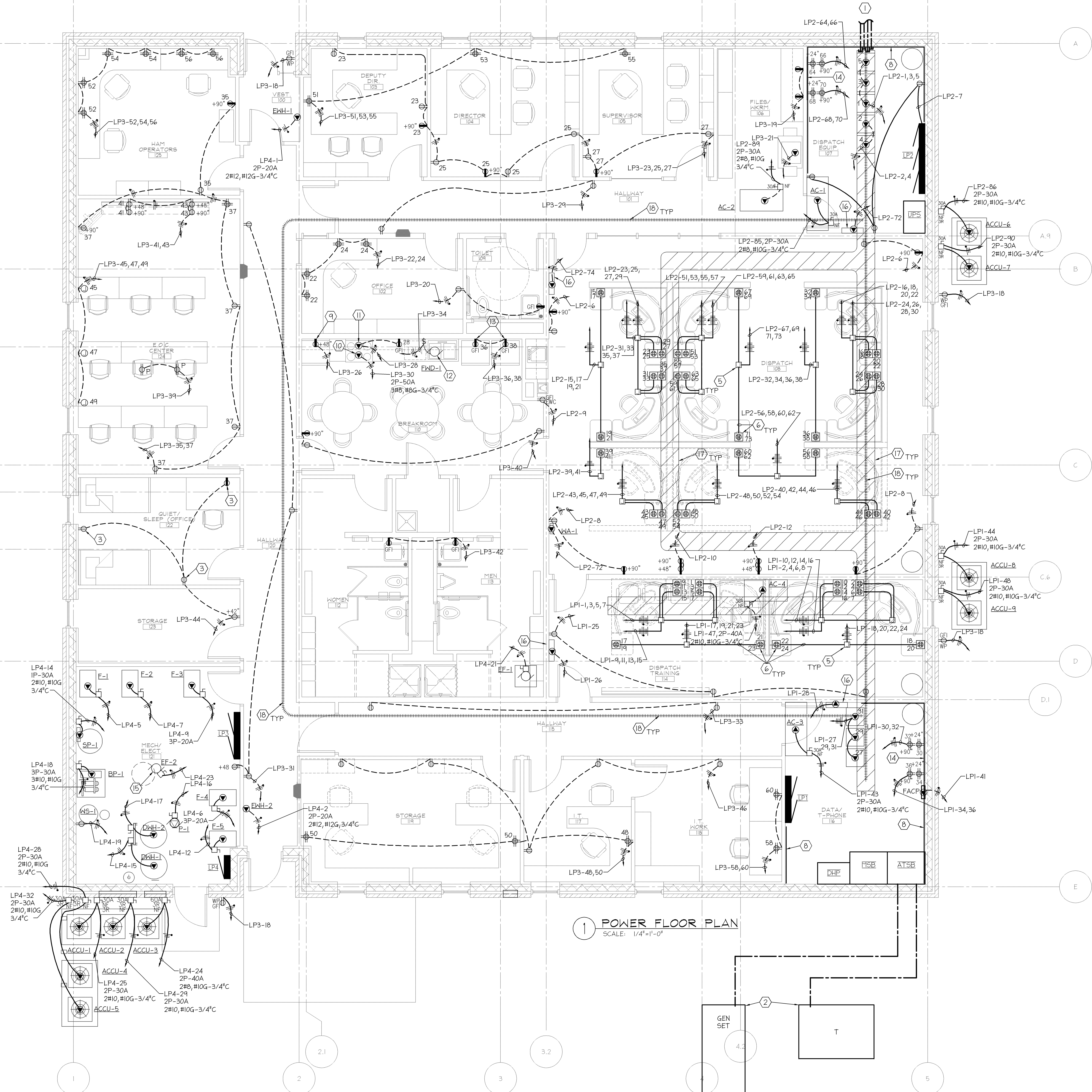


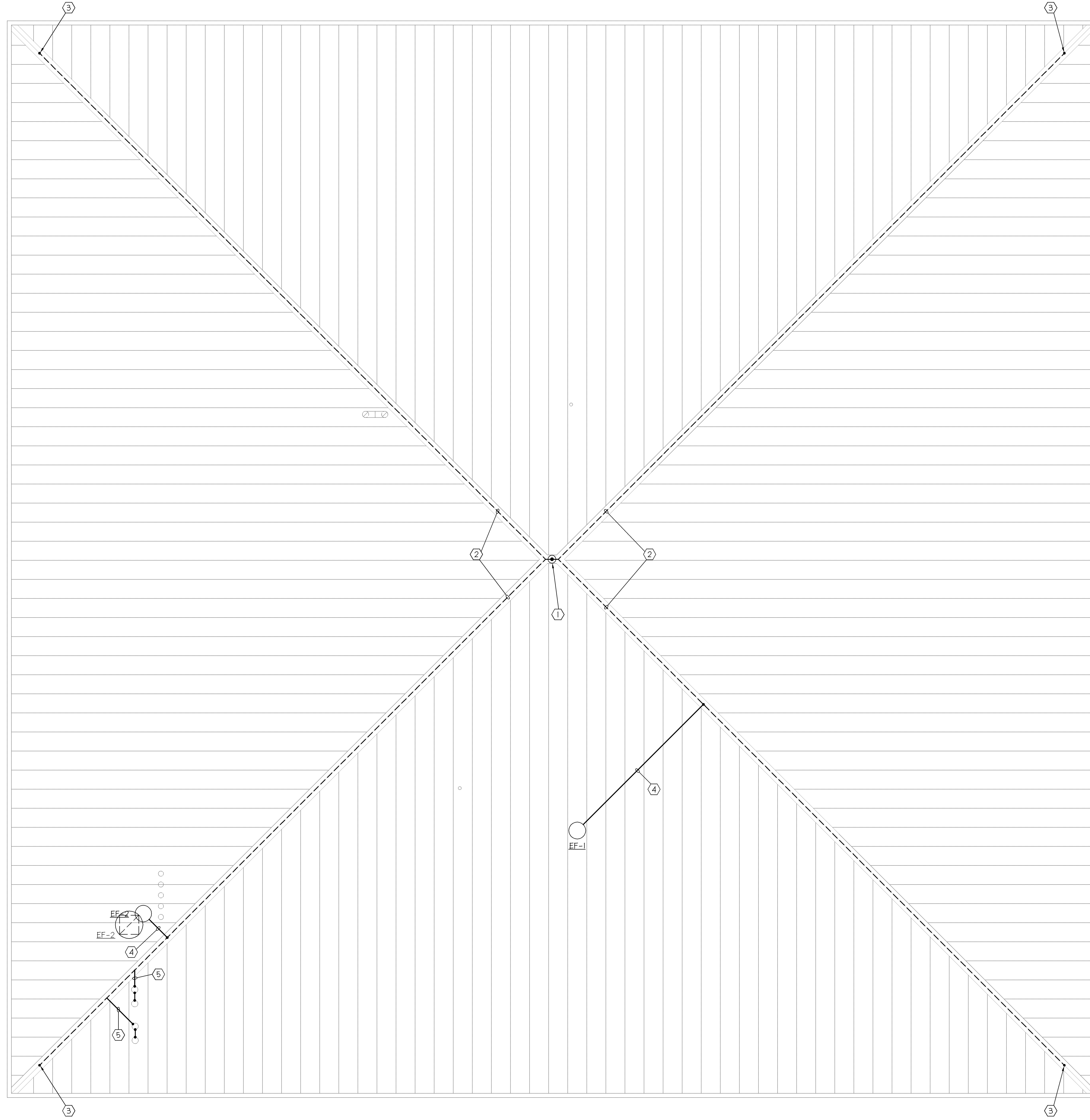
job	contract	design	drawn	checked	date
210-0651		BDC	NJK	SFL	

POWER FLOOR PLAN
DEKALB COUNTY CENTRAL COMMUNICATIONS CENTER

AUBURN IN
CENTRAL COMMUNICATIONS CENTER

E3.1





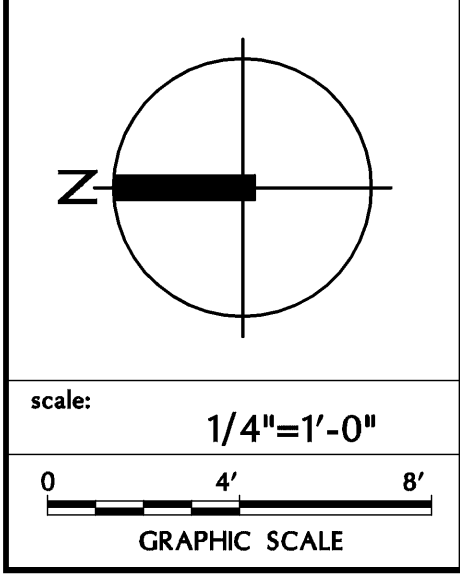
1 ELECTRICAL ROOF PLAN
SCALE: 1/4"=1'-0"

KEYED NOTES

- 1 AIR TERMINAL MOUNTED ON HIGHEST PEAK OF ROOF.
- 2 #2/0 CU SECONDARY GROUND CONDUCTOR SHALL BE RUN UNDER RIDGE OF ROOF, SECURE EVERY 5 FEET. SEE DETAIL ON SHEET E6.1
- 3 TURN SECONDARY GROUND CONDUCTOR DOWN INTO 1" PVC CONDUIT. SEE DETAIL SHEET E6.1 AND SHEET E1.0 FOR ADDITIONAL INFORMATION.
- 4 BOND EXHAUST FAN DUCTWORK TO SECONDARY GROUND CONDUCTOR WITH 2/0 CU RUN UNDER ROOF STRUCTURE.
- 5 BOND EXHAUST FLUE AND COMBUSTION AIR INTAKE DUCTWORK TO SECONDARY GROUND CONDUCTOR WITH 2/0 CU RUN UNDER ROOF STRUCTURE.

RQAW
CONSULTING ENGINEERS & ARCHITECTS
RQAW Corporation
1001 N. Meridian, Suite 400
Indianapolis, Indiana 46290
(317) 85-7200 FAX (317) 85-7201

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sym



job#	contract#	designer:	drawn:	checked:	date:
210-065.1		BDC	N/A	SD	

ELECTRICAL ROOF PLAN
**DEKALB COUNTY
CENTRAL COMMUNICATIONS CENTER**
AUBURN/JN
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E3.2
of

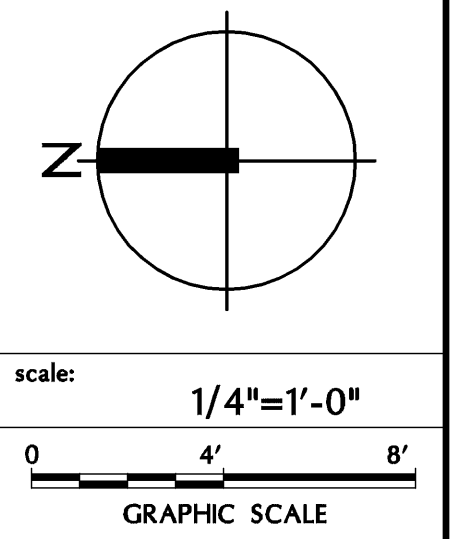
GENERAL NOTES

- SEE SHEET E0.1 FOR ELECTRICAL GENERAL NOTES, LEGEND OF SYMBOLS AND ABBREVIATIONS.
- CONTRACTOR WILL BE REQUIRED TO VERIFY ALL OUTLET HEIGHTS WITH APPROVE CASEWORK/MILL WORK SHOP DRAWINGS PRIOR TO ANY ROUGH-IN WORK. CONTRACTOR WILL BE REQUIRED TO FIT ACTUAL DESIGN.
- SEE POWER PLAN FOR COORDINATION OF RECEPTACLE LOCATIONS.

KEYED NOTES

- CABLE TRAY MOUNTED OVERHEAD. SIZE AS INDICATED ON DRAWING.
- CABLE TRAY MOUNTED BELOW ACCESS FLOOR. SIZE AS INDICATED ON DRAWING.
- SEE SITE PLAN E1.0 AND SHEET E3.1 FOR ADDITIONAL INFORMATION.
- FIRE ALARM REMOTE ANNUCIATOR PANEL. SEE SINGLE LINE RISER DIAGRAM ON SHEET E5.0.
- REMOTE GENERATOR PANEL. SEE SINGLE LINE RISER DIAGRAM ON SHEET E5.0.
- CONDUITS TURNED OUT ABOVE ACCESSIBLE CEILING.
- 4-4" CONDUITS FLUSH WITH FLOOR AND TURNED DOWN AND RAN OUTSIDE 3'-0" BEYOND BUILDING LINE. CONDUITS CAPPED FOR FUTURE USE.
- 4-4" EMPTY PVC CONDUITS THRU FLOOR, RUN UNDER SLAB AND ENTRY SIDE WALL OF DEPRESSED FLOOR AREA AND CAP FOR FUTURE USE. ALL COMMUNICATION CONDUIT SHALL HAVE LONG SWEEPING BENDS.
- NOT USED.
- CLEAN AGENT CONTROL PANEL.
- SEE FIRE PROTECTION SHEETS FOR ADDITIONAL INFORMATION AND EQUIPMENT LOCATIONS.
- 2-2" PVC EMPTY CONDUITS FOR DATA/TELE/CATV CABLING BY OWNER.

DATE	REVISIONS

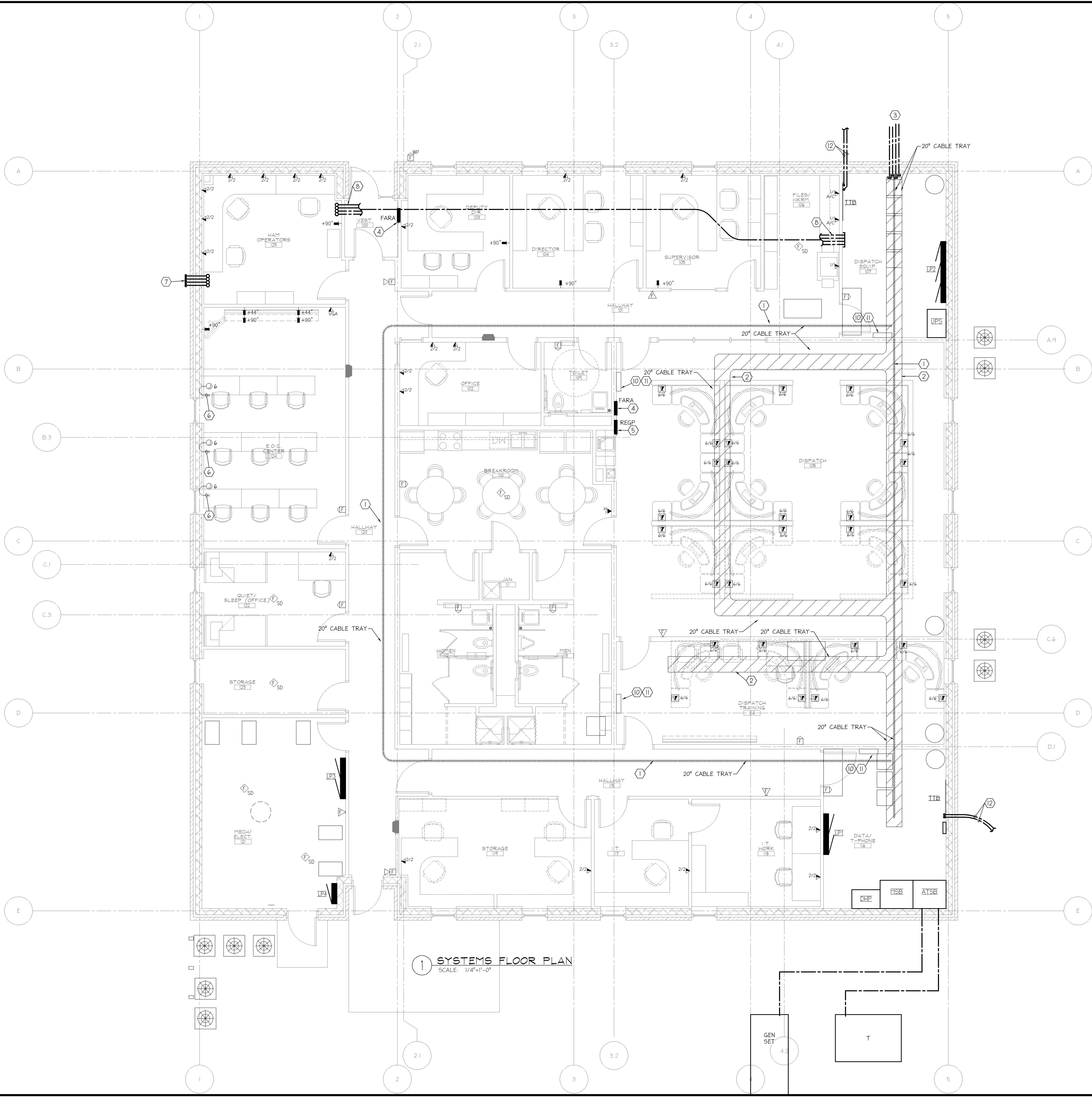


JOB NO.	CONTACT	DESIGNED	DRAWN	CHECKED	DATE
210-0651		RDC	NJK	SDL	

JOB NO.	CONTACT	DESIGNED	DRAWN	CHECKED	DATE
210-0651		RDC	NJK	SDL	

SYSTEMS FLOOR PLAN
DEKALB COUNTY
CENTRAL COMMUNICATIONS CENTER

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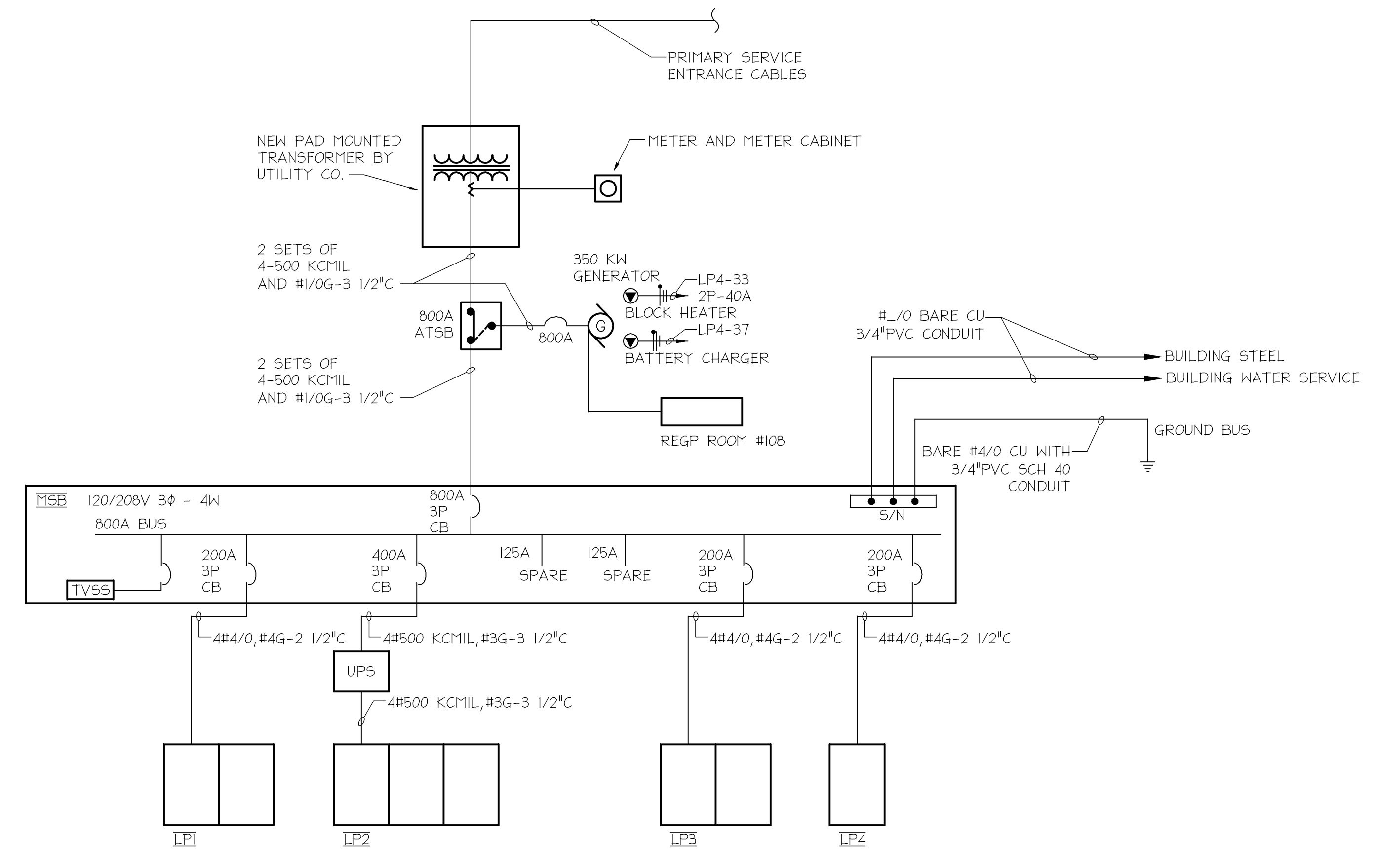


1 SYSTEMS FLOOR PLAN
SCALE: 1/4"=1'-0"

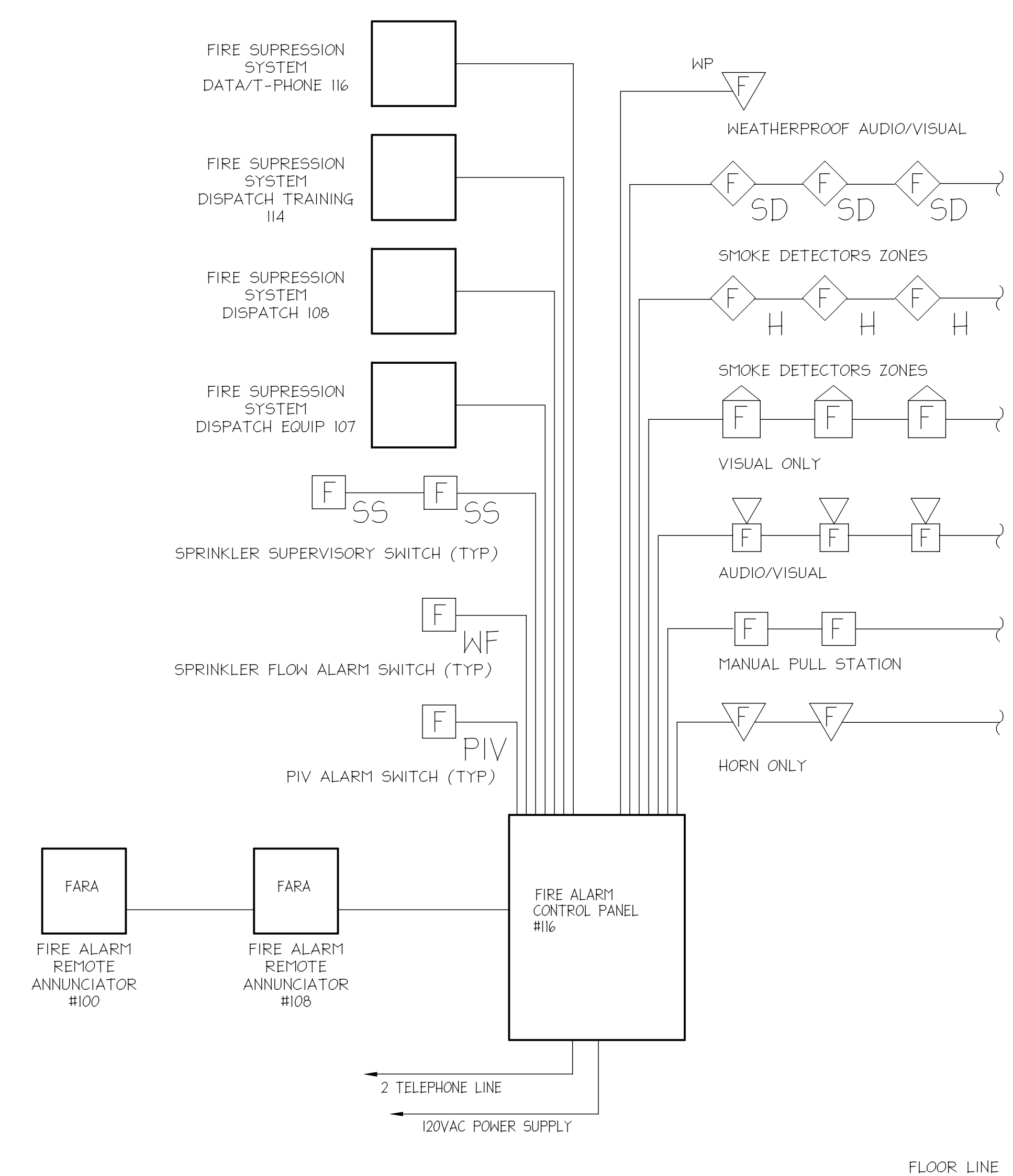
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PRINTED: 7/25/2010 @ 3:03:45PM BY: gprattmep1

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1 SINGLE LINE RISER DIAGRAM
SCALE: NONE



2 FIRE ALARM SYSTEM WIRING DIAGRAM
SCALE: NONE

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scale:	NONE
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contract#	
designed:	BDC
drawn:	NMK
checked:	SDL
date:	

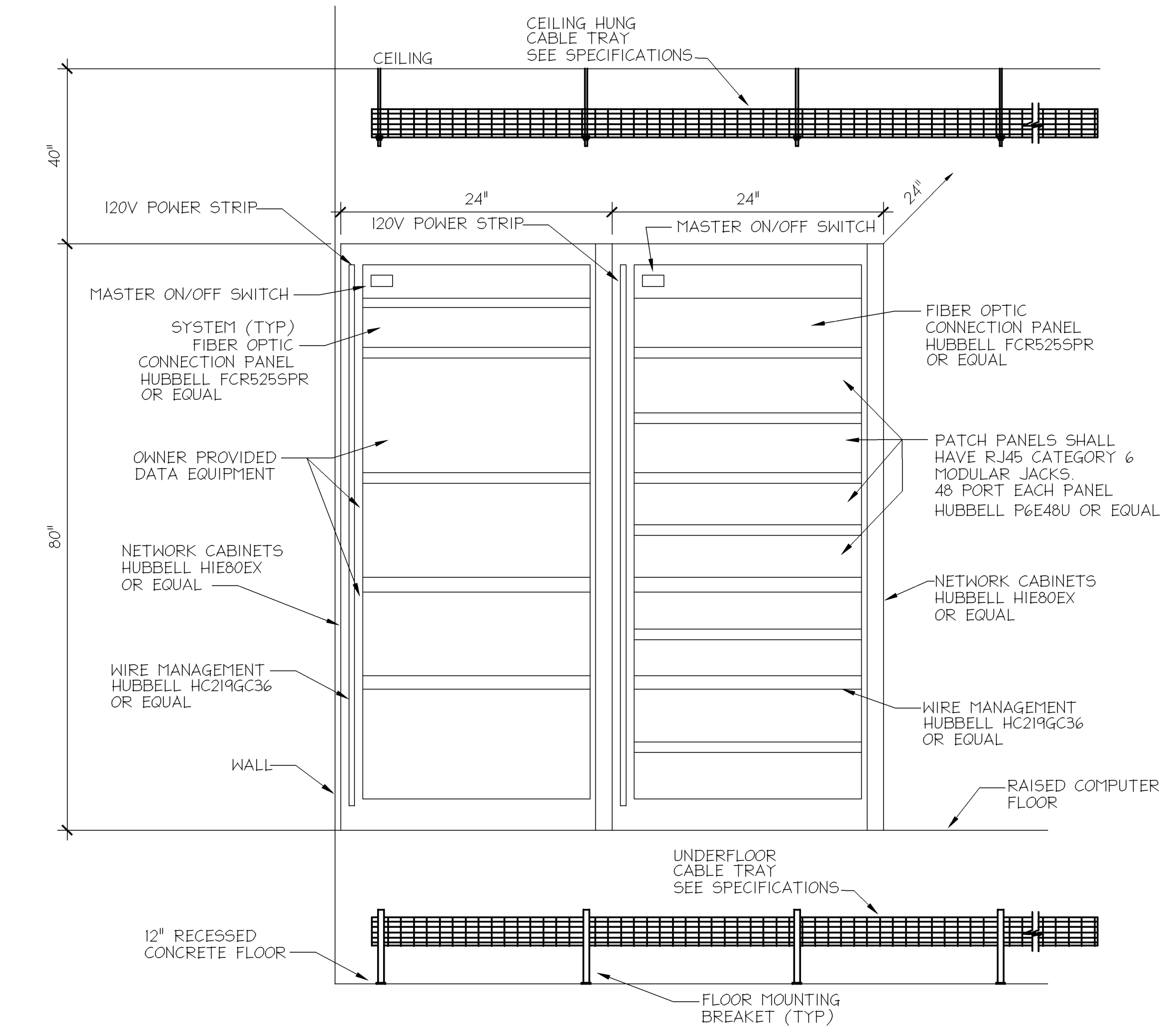
ELECTRICAL SINGLE LINE RISER DIAGRAMS
**DEKALB COUNTY
 CENTRAL COMMUNICATIONS CENTER**
 AUBURN, IN
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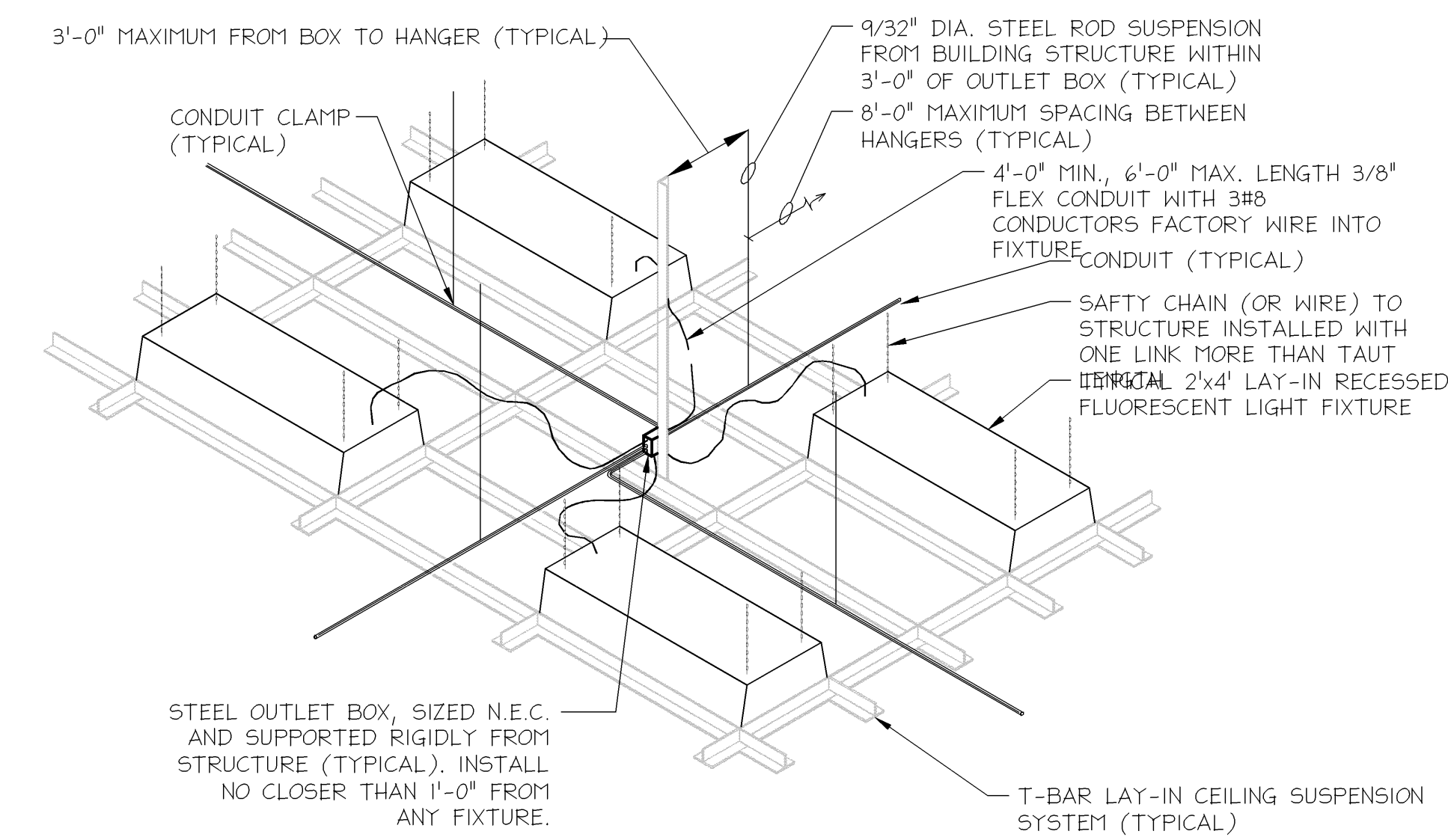
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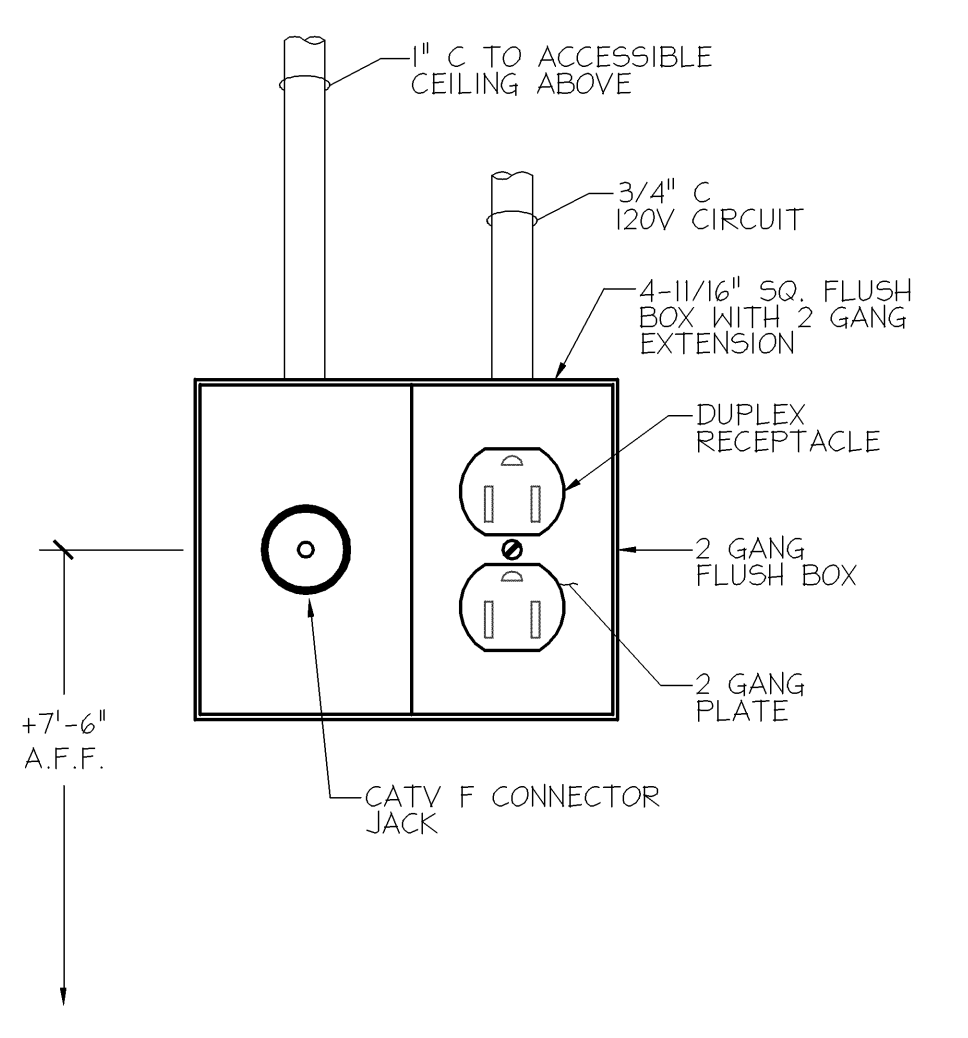
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contract#	
designer	RDC
drawn	NJK
checked	SDL
date	



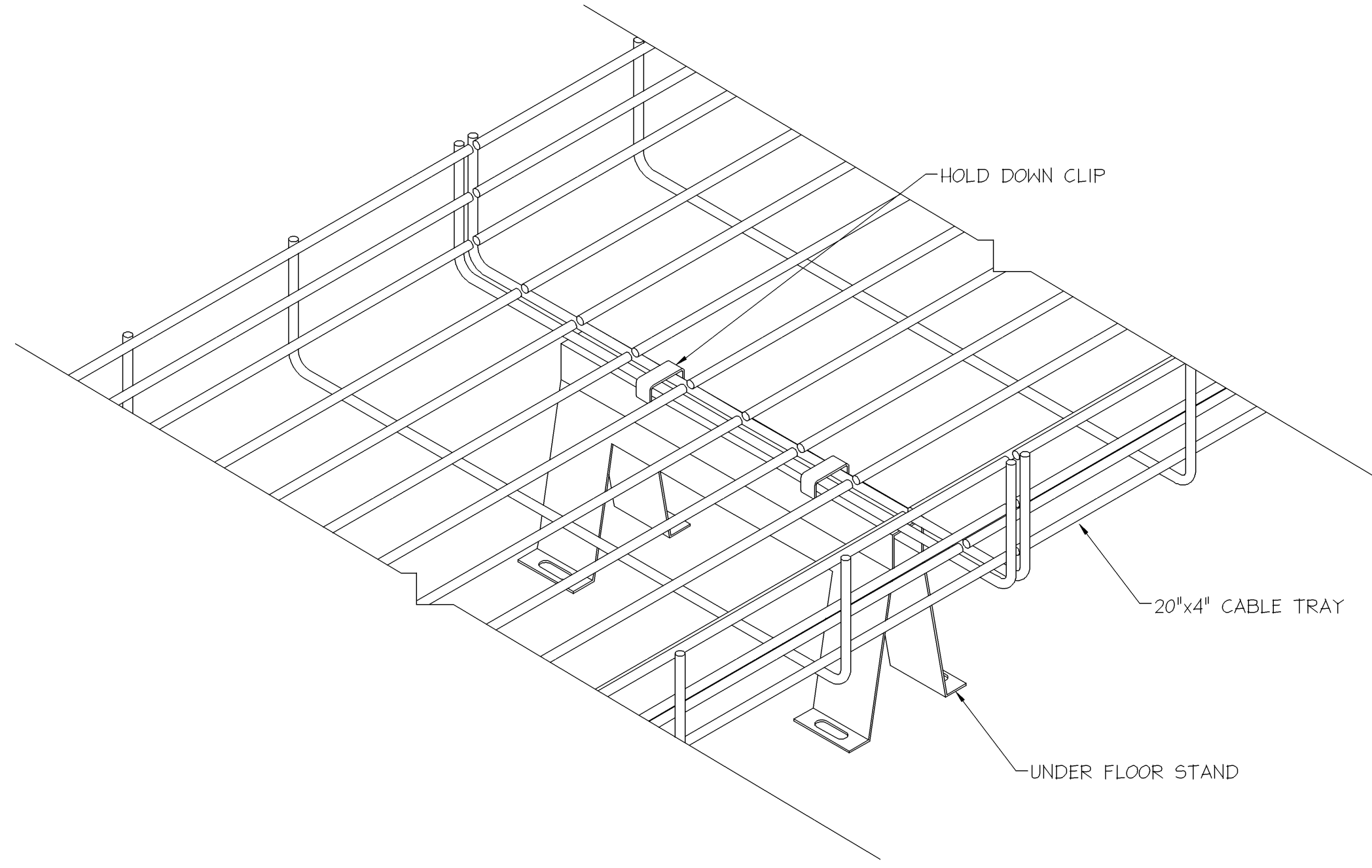
1 ELEVATION DATA/TELEPHONE NETWORK CABINETS DISPATCH EQUIPMENT 4.005
SCALE: NONE



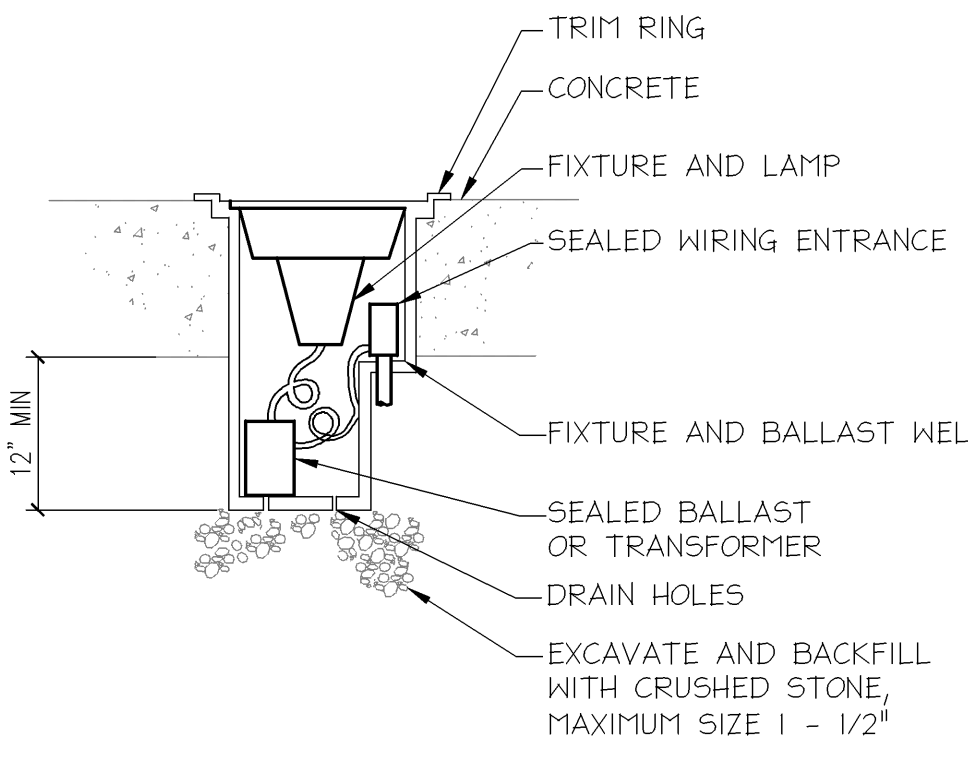
5 RECESSED FLUORESCENT LIGHTING INSTALLATION DETAIL
SCALE: NONE



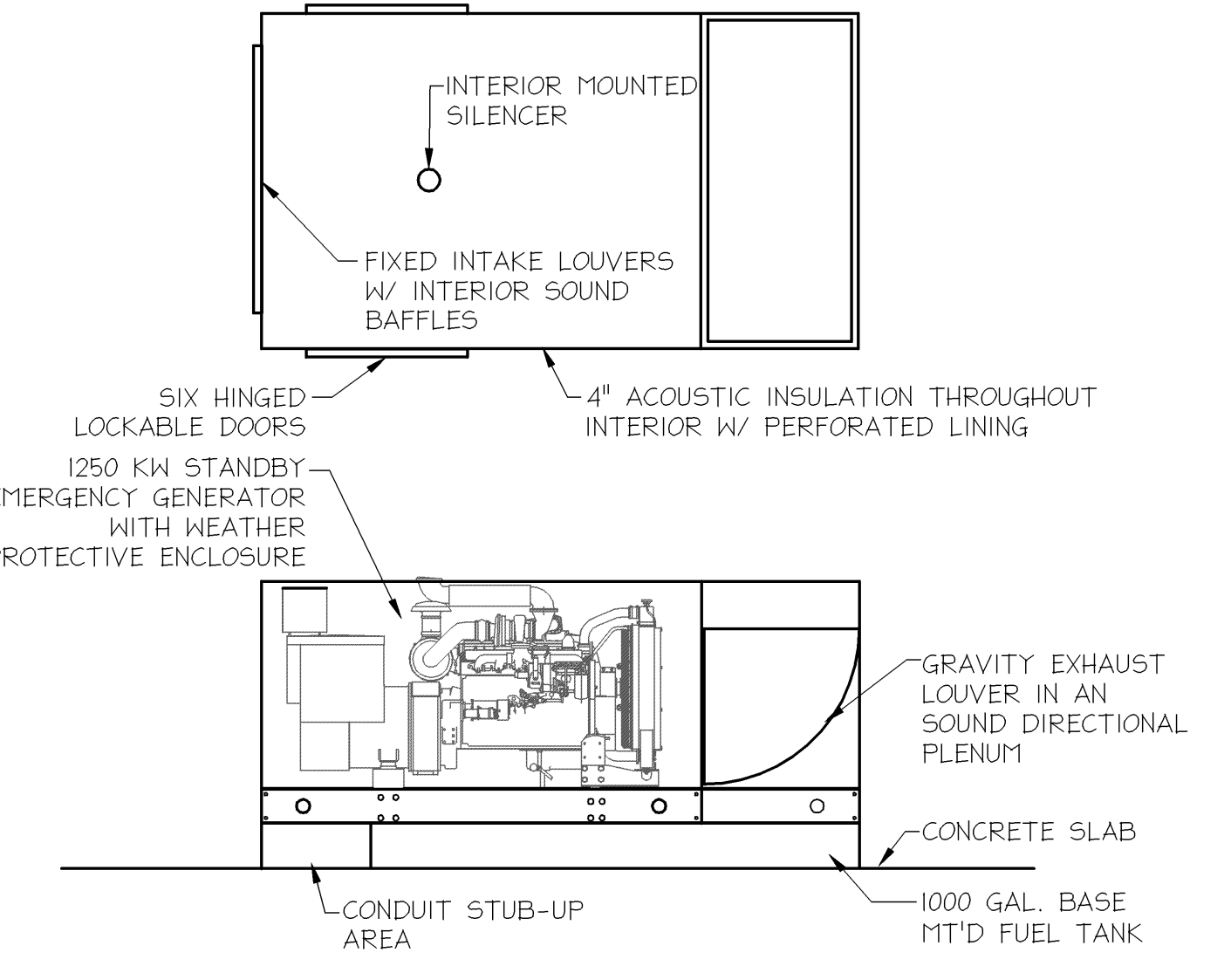
8 TYPICAL RECESS CCTV INSTALLATION DETAIL
SCALE: NONE



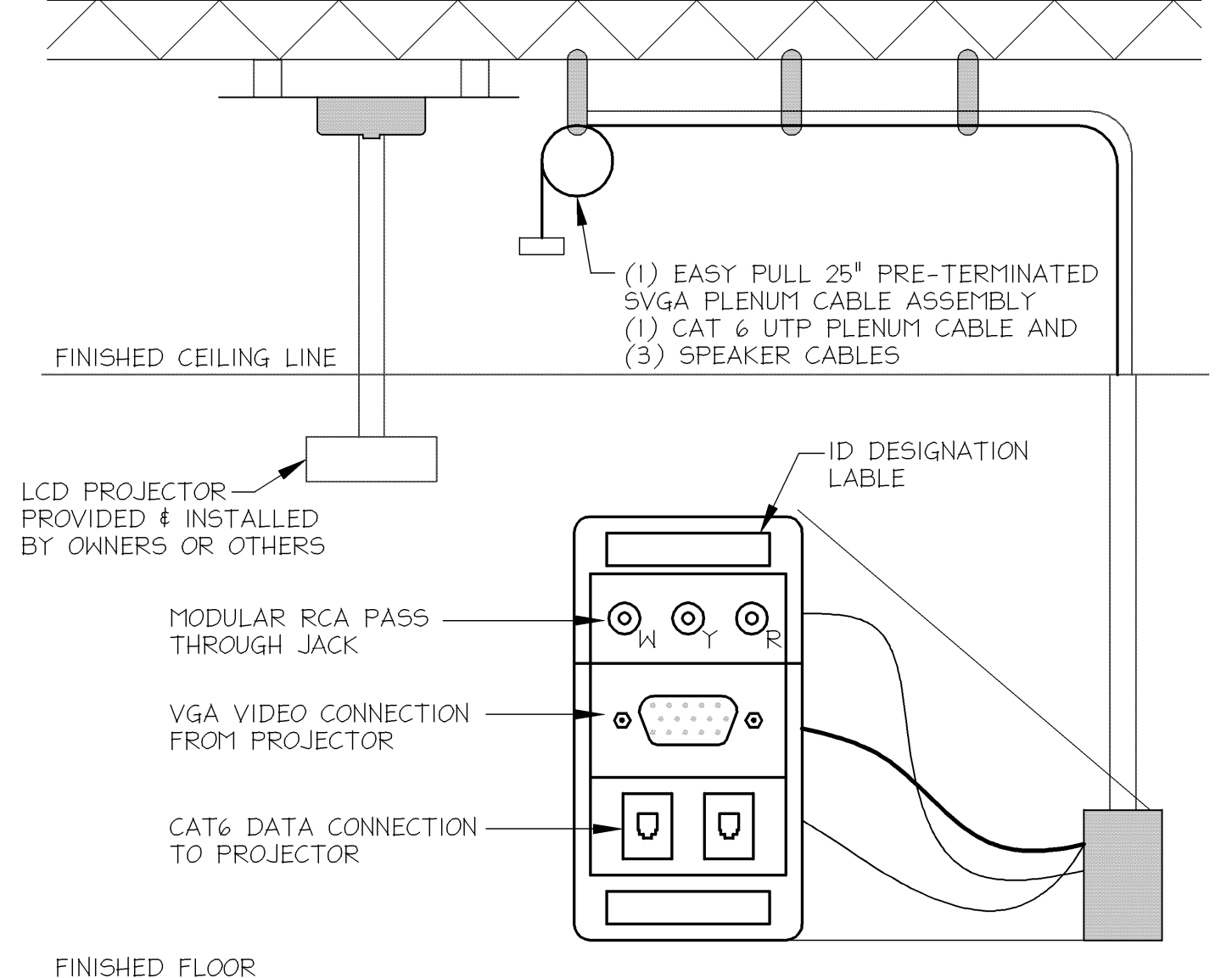
9 FLOOR MOUNTED CABLE TRAY
SCALE: NONE



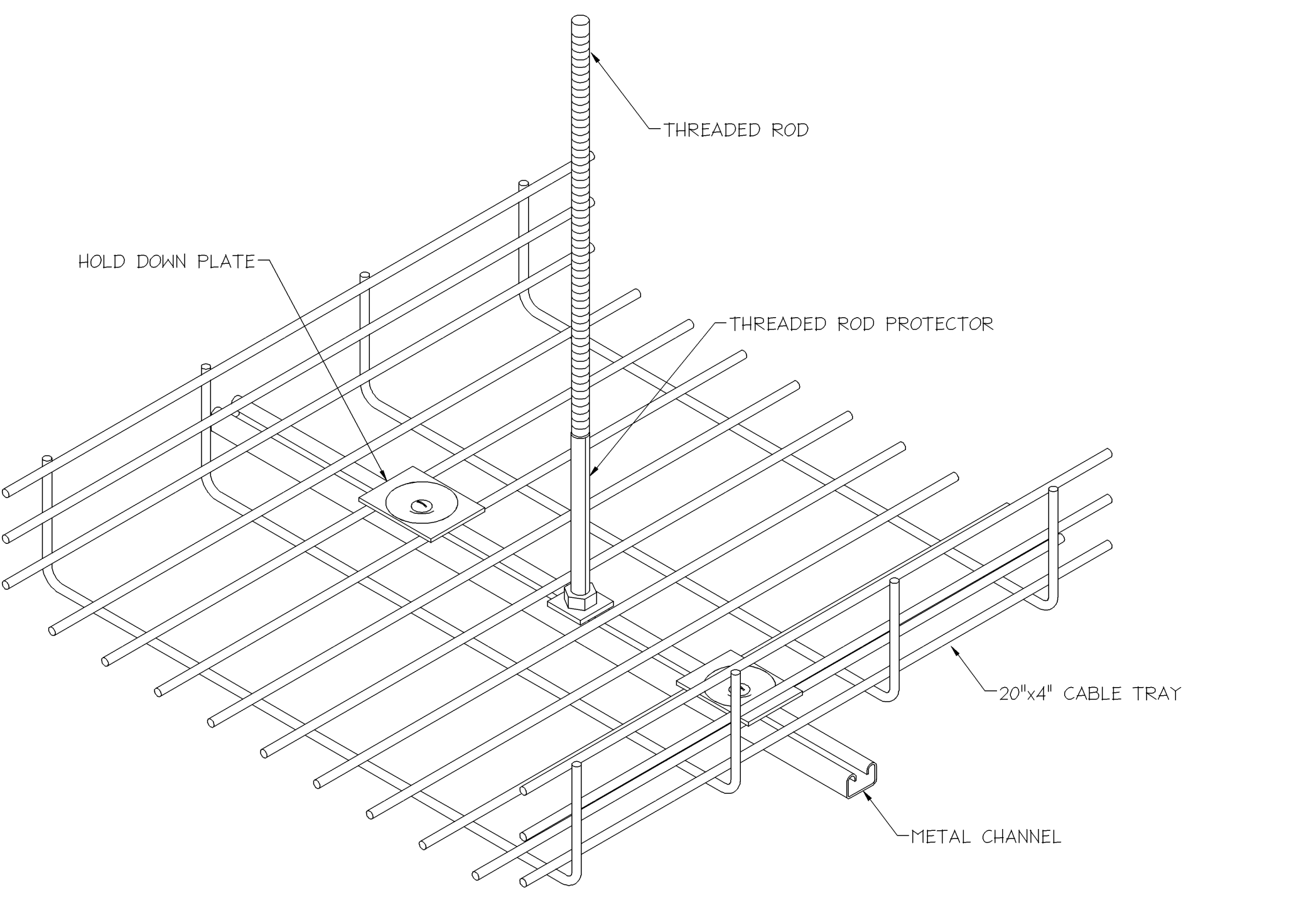
4 NON-METALLIC DIRECT BURIAL FIXTURE DETAIL
SCALE: NONE



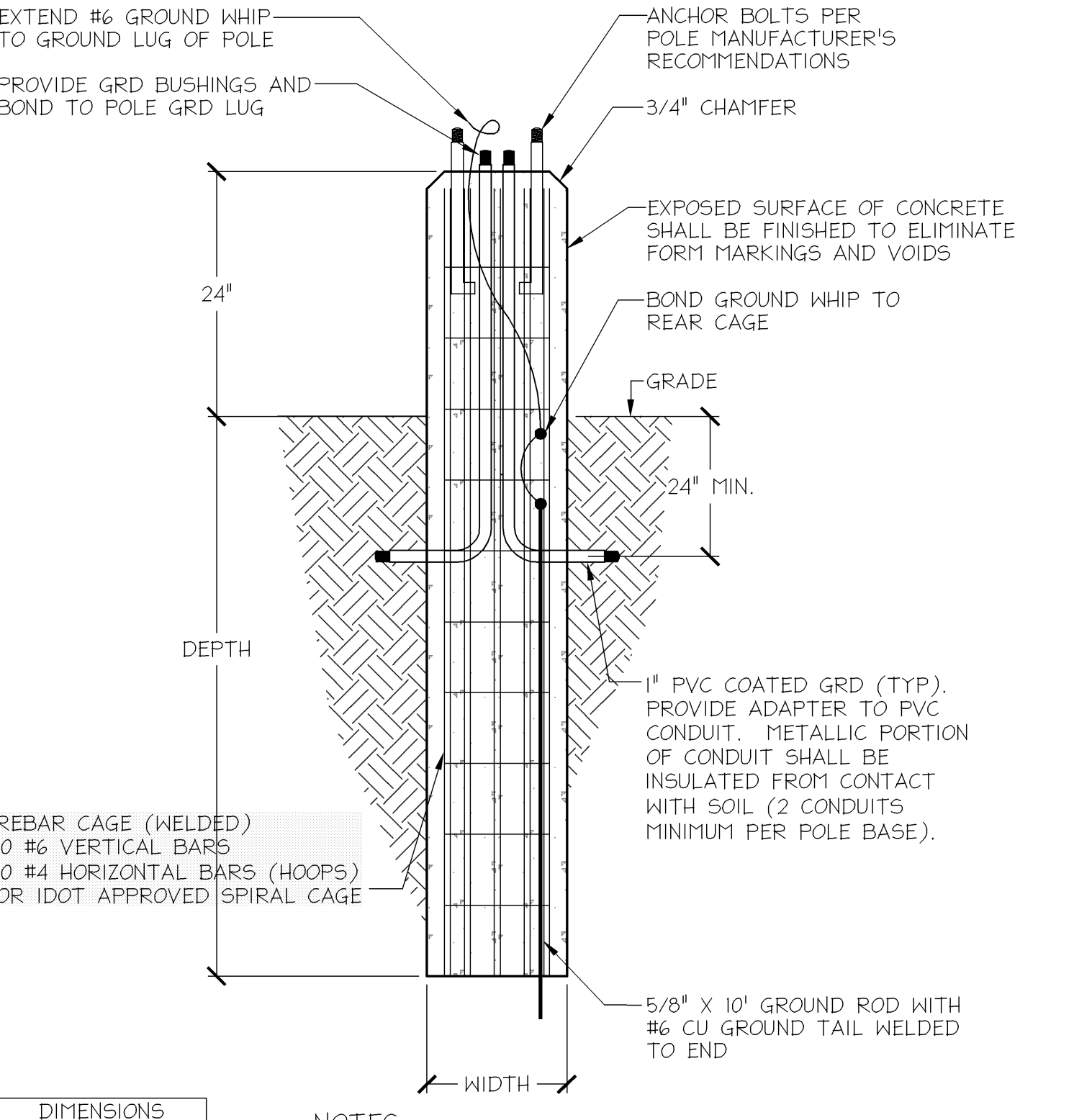
6 GENERATOR DETAIL
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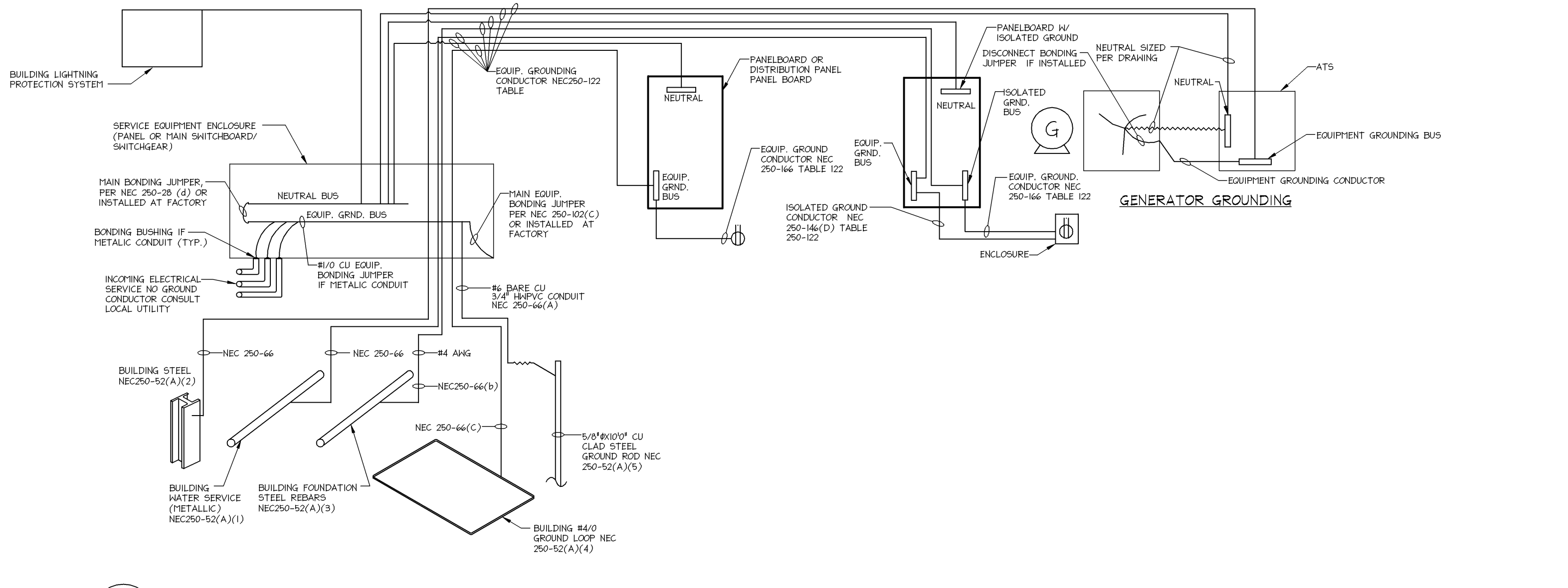
2 VGA FACE PLATE DETAIL
SCALE: NONE



10 SUSPENDED CABLE TRAY
SCALE: NONE



7 LIGHT POLE BASE DETAIL
SCALE: NONE

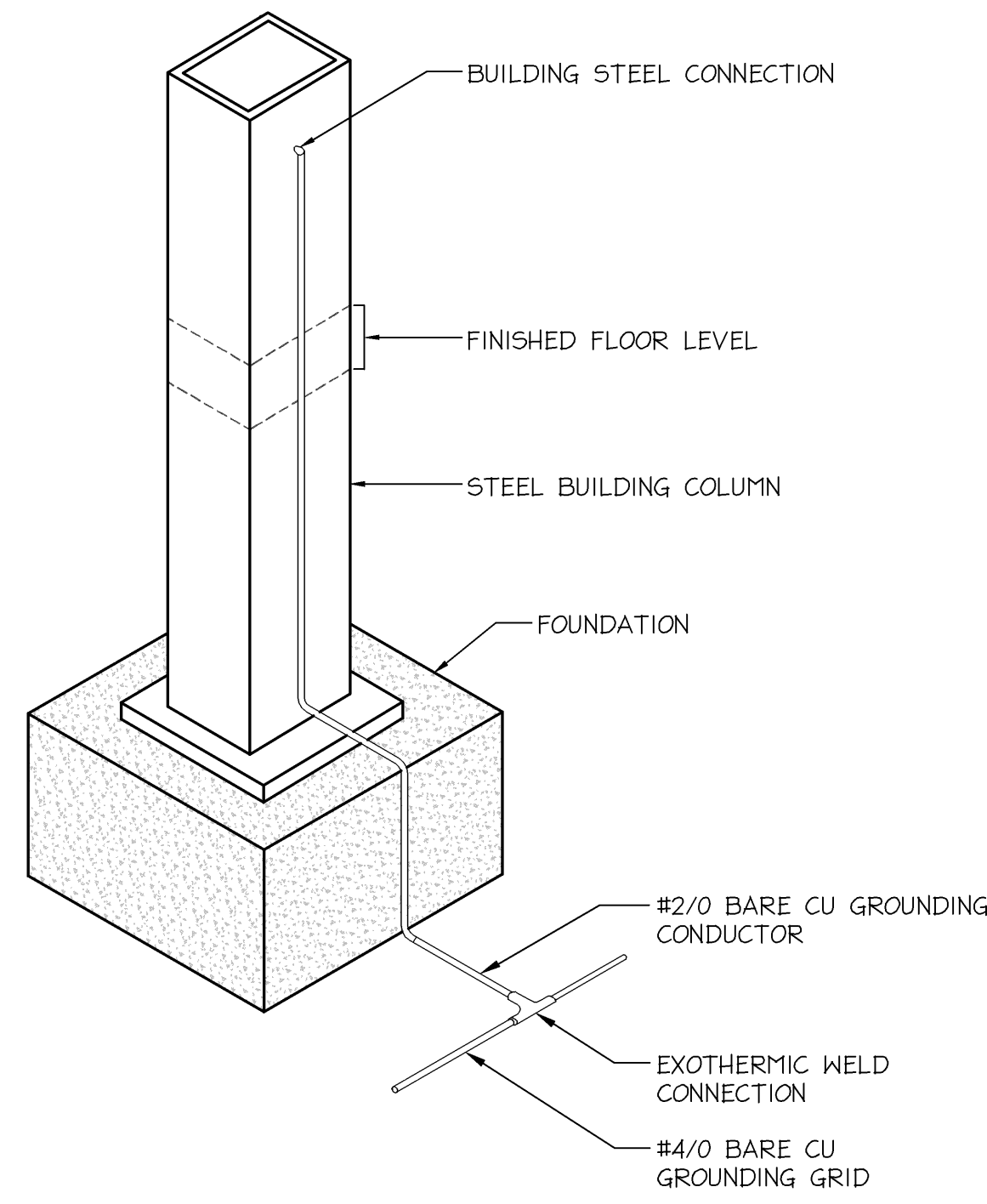


3 TYPICAL ELECTRICAL SYSTEM GROUNDING DIAGRAM
SCALE: NONE

DIMENSIONS			
POLE HEIGHT	L	D	
12'-0"	4'-6"	1'-6"	
20'-0"	5'-0"	2'-0"	
30'-0"	6'-0"	2'-6"	
40'-0"	7'-0"	3'-0"	

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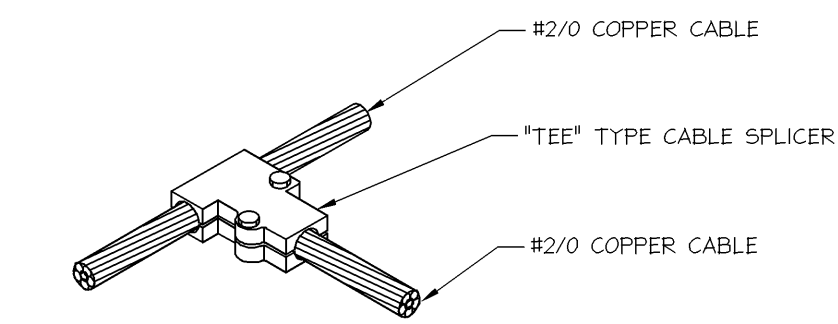
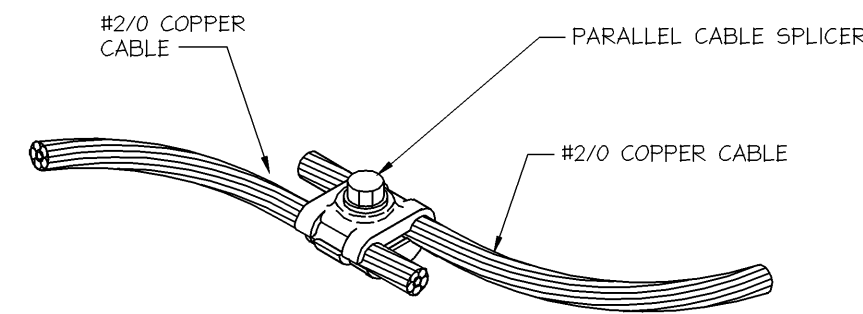
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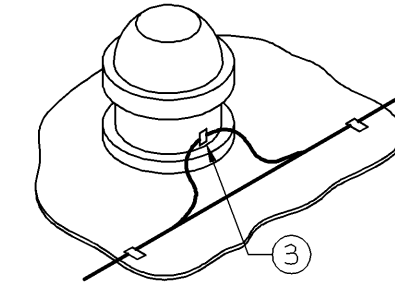
NOTES:

- BUILDING STEEL CONNECTION SHALL BE EXOTHERMIC WELD. CLEAN SURFACE TO BRIGHT METAL BEFORE CONNECTION AND RESTORE TO ORIGINAL FINISH AFTER MAKING CONNECTION.
- BUILDING STEEL CONNECTION SHALL BE LOCATED ABOVE THE FINISHED FLOOR.

10 STRUCTURAL STEEL GROUNDING DETAIL
SCALE: NONE 16060-10.dwg



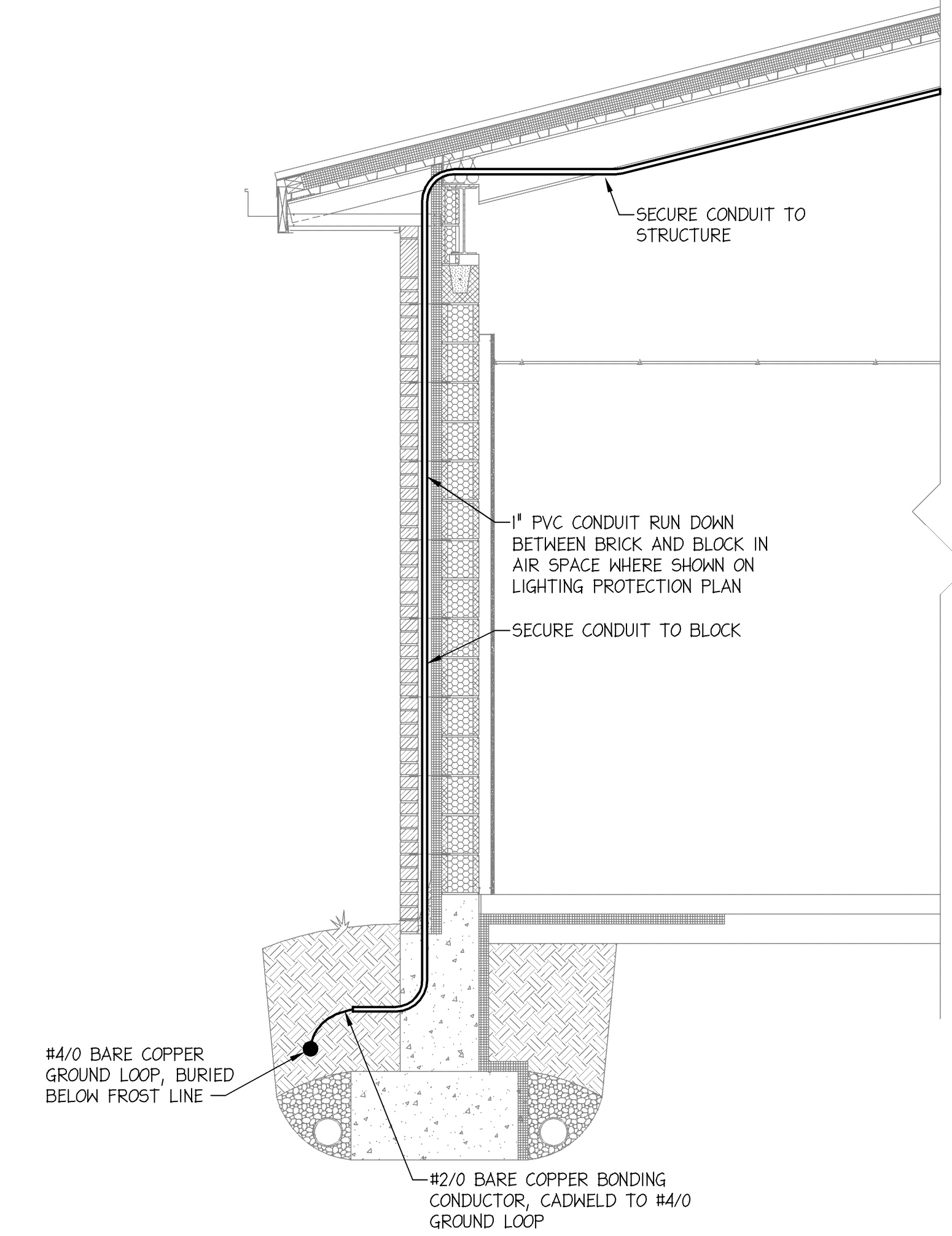
7 TYPICAL CABLE SPLICERS
SCALE: NONE



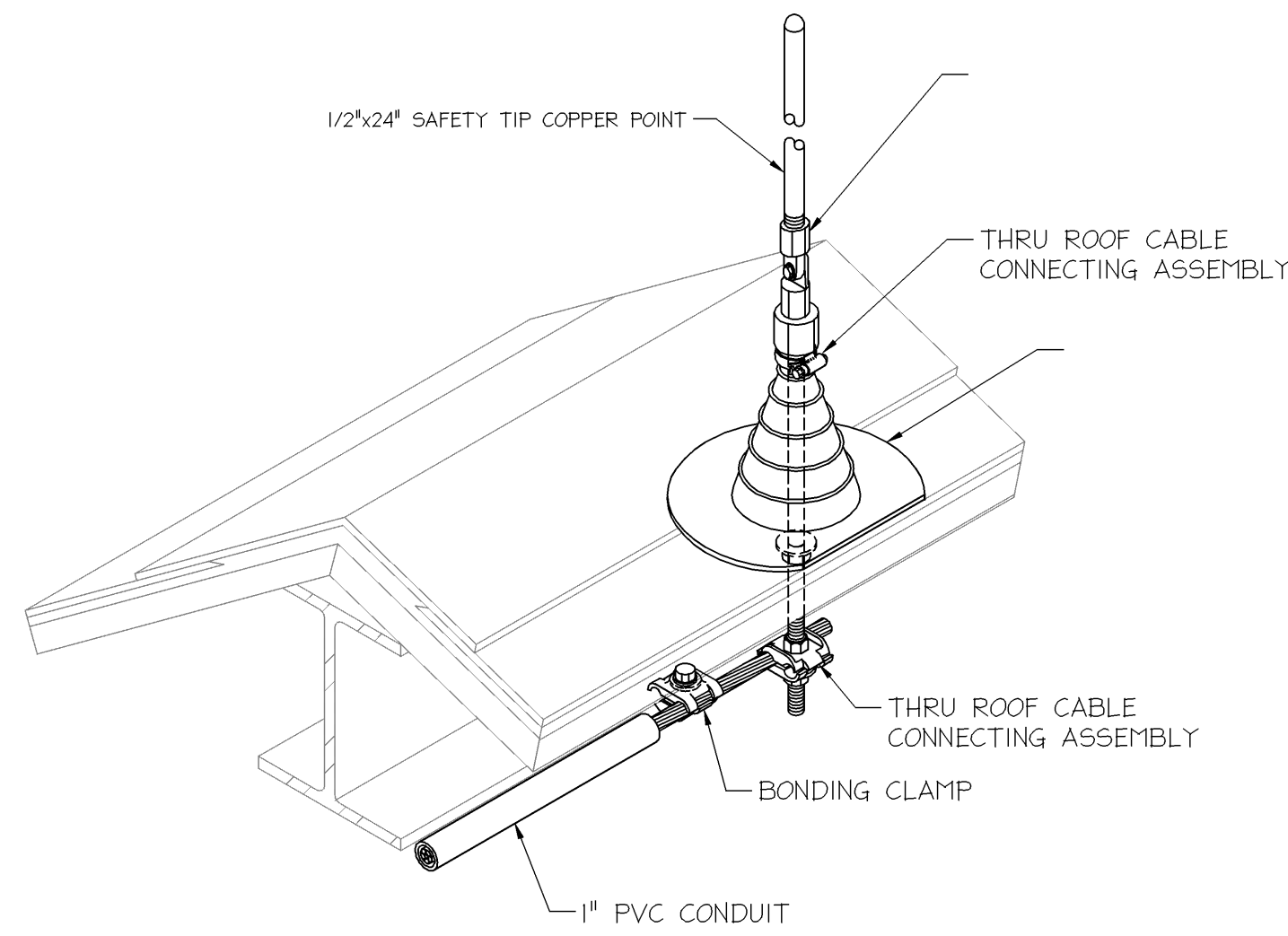
NOTE: PER NFPA, WHERE ONLY ONE STRIKE TERMINATION DEVICE IS REQUIRED ON A CHIMNEY OR VENT, AT LEAST ONE MAIN SIZED CONDUCTOR SHALL CONNECT THE STRIKE TERMINATION DEVICE TO A MAIN CONDUCTOR AT THE LOCATION WHERE THE CHIMNEY OR VENT MEETS THE ROOF SURFACE AND PROVIDES TWO OR MORE PATHS TO GROUND FROM THAT LOCATION IN ACCORDANCE WITH SECTION 4-9 AND 4-9.2.

WARNING NOTE:
IT IS THE RESPONSIBILITY OF THE LIGHTNING PROTECTION INSTALLER TO COORDINATE WITH THE MECHANICAL EQUIPMENT CONTRACTOR AND FIELD VERIFY APPROVED LOCATIONS PRIOR TO INSTALLATION OF LIGHTNING PROTECTION COMPONENT FASTENERS FOR ANY DRILLING OR PUNCHING OF HOLES WHICH MAY BE REQUIRED FOR INSTALLATION OF FASTENERS, SO AS NOT TO DAMAGE INTERNAL PIPING SYSTEMS, WIRING SYSTEMS OR THE OPERATION/FUNCTION OF THE EQUIPMENT.

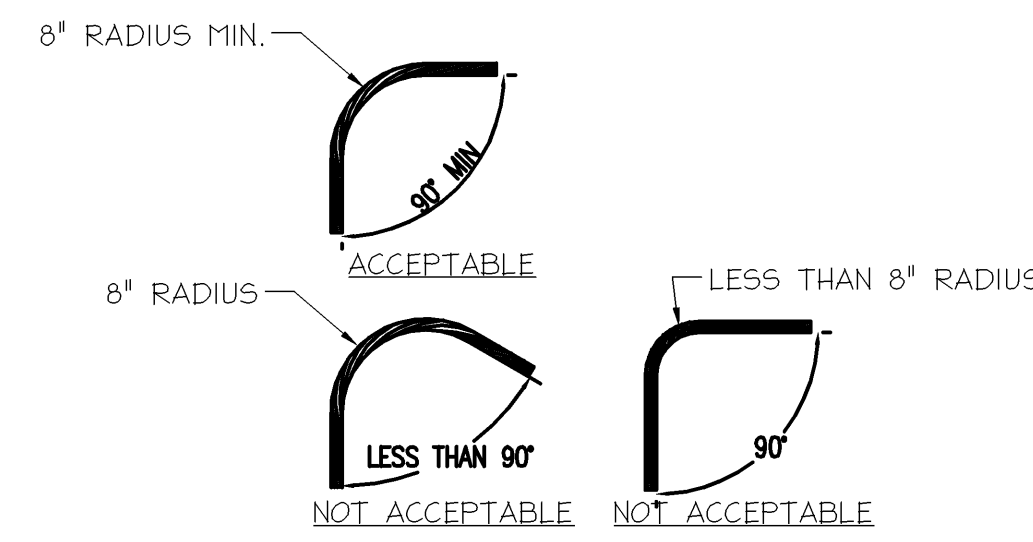
4 SCHEMATIC VIEW TYP. CABLE ROUTING AT EQUIPMENT
SCALE: NONE



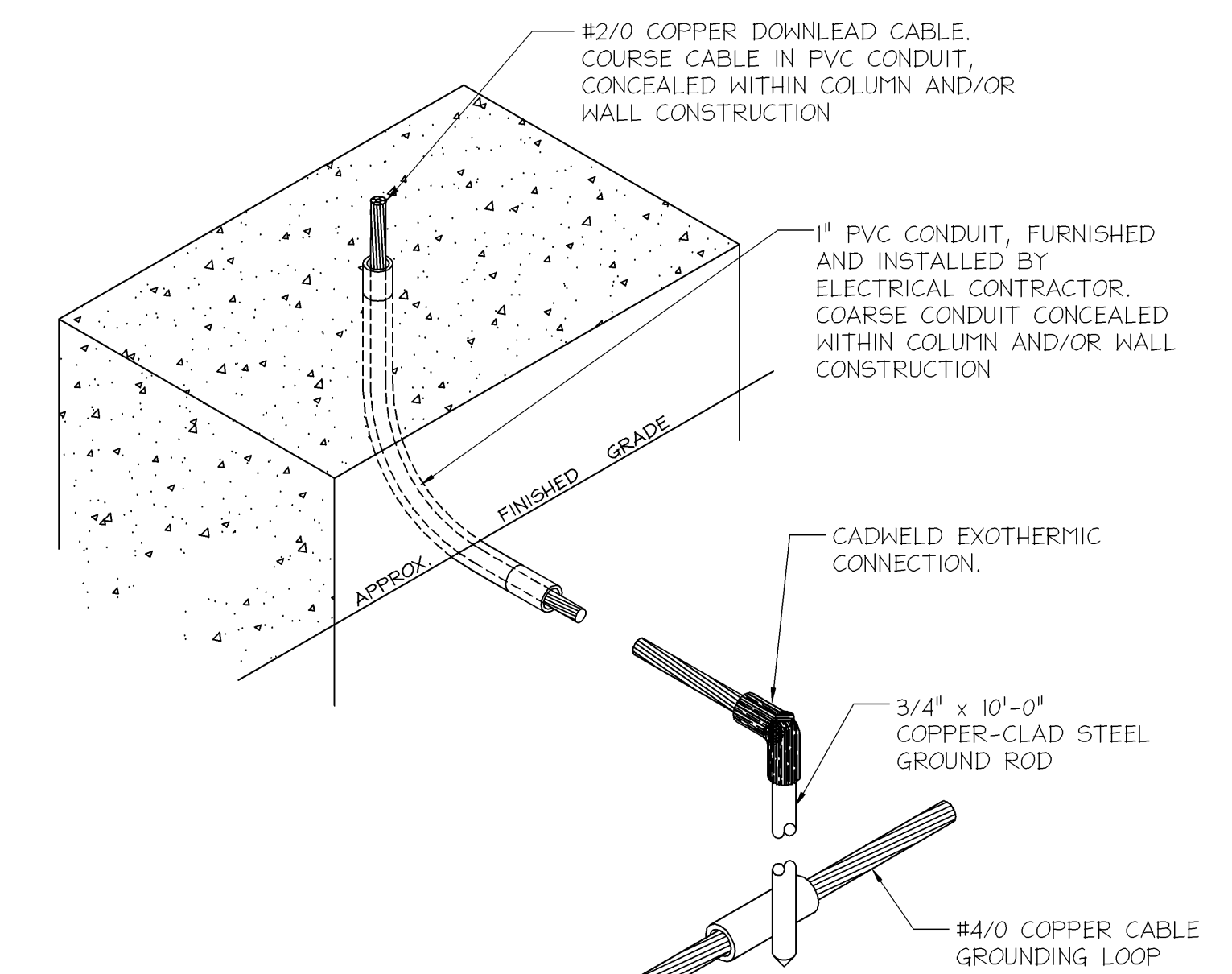
1 DETAIL LIGHTNING PROTECTION DOWN LEADER
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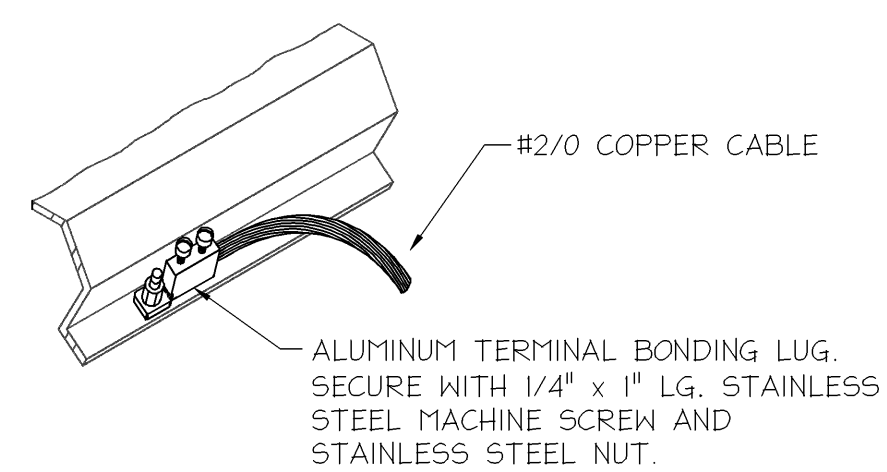
8 AIR TERMINAL DETAIL
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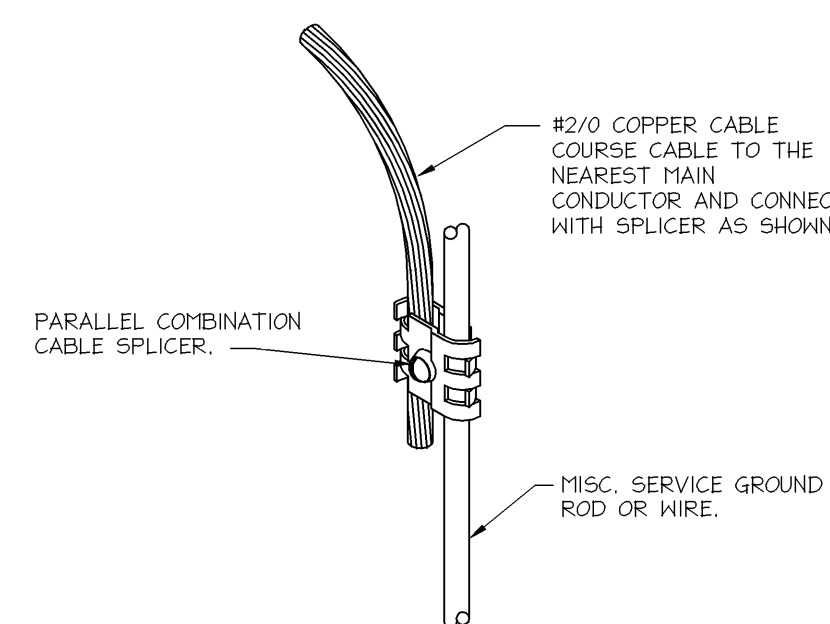
5 TYP. CABLE BEND REQUIREMENTS
SCALE: NONE



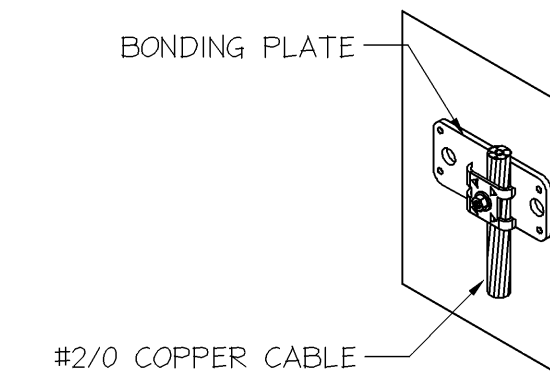
2 DOWNLEAD GROUNDING
SCALE: NONE



9 TYPICAL FLASHING BOND
SCALE: NONE



6 TYP. TELEPHONE AND/OR ELECTRICAL SERVICE BOND
SCALE: NONE



3 TYP. EQUIPMENT BOND
SCALE: NONE

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revisions	
sym	

scale: NONE

0 1" 2"

GRAPHIC SCALE

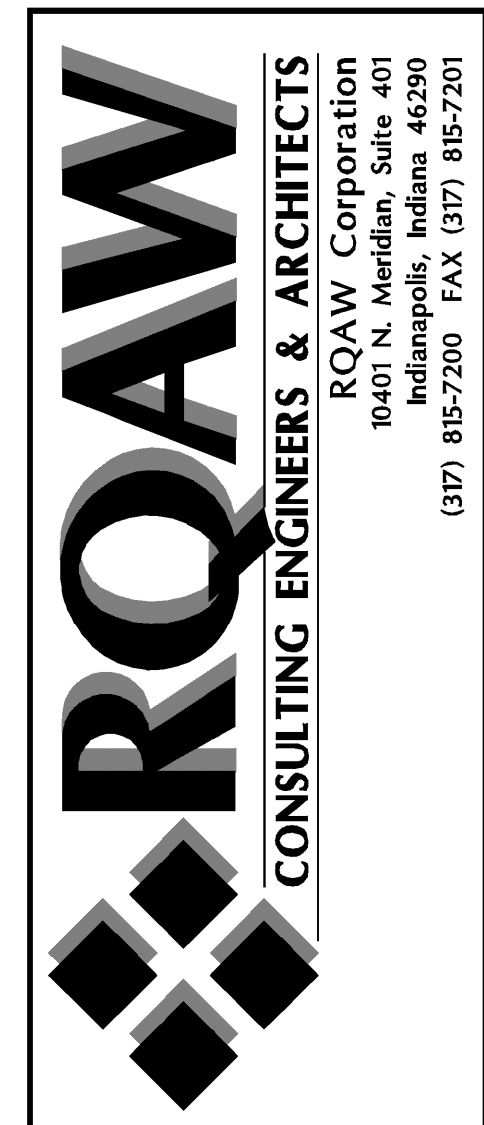
job#	210-065.1
contract#	
designed:	RDC
drawn:	NMK
checked:	SDL
date:	

job#	210-065.1
contract#	
designed:	RDC
drawn:	NMK
checked:	SDL
date:	

ELECTRICAL DETAILS
**DEKALB COUNTY
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scale: NONE
GRAPHIC SCALE

job: 210-065.1
contract:
design: RDC
drawn: NAK
checked: SKL
date:

ELECTRICAL SCHEDULES
DEKALB COUNTY COMMUNICATIONS CENTER
AUBURN/JN
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SHEET
E7.0

MAIN SWITCHGEAR LOAD SCHEDULE table with columns for LGT, RECP, MOTOR, OTHER, LOAD DESCRIPTION, CKT No, OCP, PH, OCP, CKT No, LOAD DESCRIPTION, LGT, RECP, MOTOR, OTHER.

PANELBOARD SCHEDULE (3Ø-4W) table with columns for LGT, RECP, MOTOR, OTHER, LOAD DESCRIPTION, CKT No, OCP, PH, OCP, CKT No, LOAD DESCRIPTION, LGT, RECP, MOTOR, OTHER.

PANELBOARD SCHEDULE (3Ø-4W) table with columns for LGT, RECP, MOTOR, OTHER, LOAD DESCRIPTION, CKT No, OCP, PH, OCP, CKT No, LOAD DESCRIPTION, LGT, RECP, MOTOR, OTHER.

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PANELBOARD SCHEDULE (3Ø-4W) table with columns for LGT, RECP, MOTOR, OTHER, LOAD DESCRIPTION, CKT No, OCP, PH, OCP, CKT No, LOAD DESCRIPTION, LGT, RECP, MOTOR, OTHER.

PANELBOARD SCHEDULE (3Ø-4W) table with columns for LGT, RECP, MOTOR, OTHER, LOAD DESCRIPTION, CKT No, OCP, PH, OCP, CKT No, LOAD DESCRIPTION, LGT, RECP, MOTOR, OTHER.

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PANELBOARD SCHEDULE (3Ø-4W) table with columns for LGT, RECP, MOTOR, OTHER, LOAD DESCRIPTION, CKT No, OCP, PH, OCP, CKT No, LOAD DESCRIPTION, LGT, RECP, MOTOR, OTHER.

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Table with columns for LGT, RECP, MOTOR, OTHER, LOAD DESCRIPTION, CKT No, OCP, PH, OCP, CKT No, LOAD DESCRIPTION, LGT, RECP, MOTOR, OTHER.

CONTACTOR SCHEDULE table with columns for PLAN NO., TYPE, NO. POLES, POLE AMP, COIL CIRCUIT, COIL VOLTAGE, DESCRIPTION OF LOAD, CIRCUITS, LOAD VOLTS.

NOTES:
1. TYPE: EH=ELECTRICALLY HELD, MH=MECHANICALLY HELD.
2. PROVIDE NEMA 1 ENCLOSURE.
3. BASED ON SQUARE D LXL AND S SERIES FOR LIGHTING CONTACTORS.
4. REFER TO CONTROL DIAGRAMS FOR ADDITIONAL REQUIREMENTS.

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FILE NAME: P:\710095-1\Design\Fire Protection\FP3.1.dwg

GENERAL NOTES

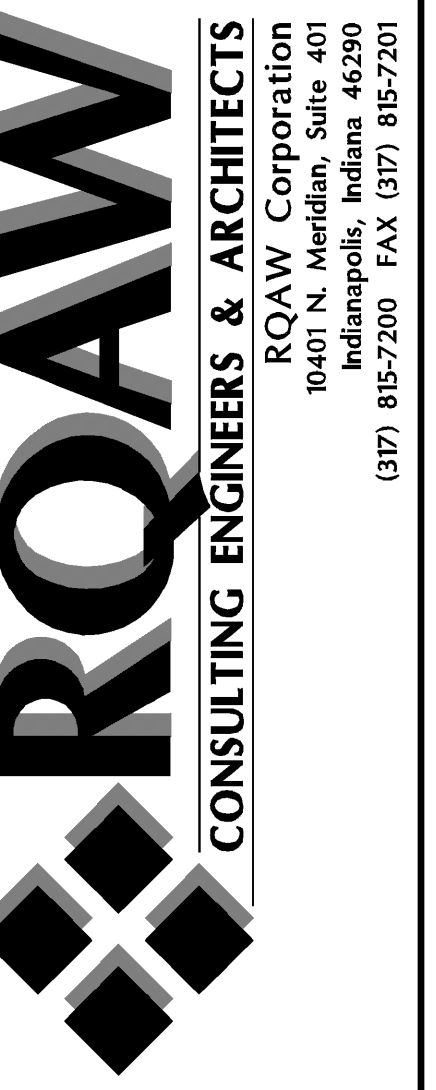
- PLANS SHALL CONFORM TO NFPA #13, THE INDIANA FIRE CODE AND LOCAL CODES.
- SYSTEM DESIGN AND HYDRAULIC CALCULATIONS TO BE BASED ON A FULLY SPRINKLED BUILDING AS INDICATED ON PLANS.
- SPRINKLER SPACING BASED ON LIGHT AND ORDINARY GROUP I OCCUPANCIES.
- PIPE SIZES BASED ON HYDRAULIC CALCULATIONS TO PROVIDE REQUIRED DENSITY PER NFPA #13.
- ALL MATERIALS, VALVES AND DEVICES SHALL BE UL LISTED FM APPROVED AND INSTALLED IN ACCORDANCE WITH THEIR LISTING AND NFPA #13.
- SEE CODE COMPLIANCE DRAWING A-1.0
- FIRE EXTINGUISHER LOCATIONS ARE SHOWN ON DRAWING A-2.1
- SEE ELECTRICAL DRAWING E-5.0 FOR FIRE ALARM SYSTEM WIRING DIAGRAM.
- CLEAN-AGENT FIRE SUPPRESSION SYSTEM SHALL BE DESIGNED AND INSTALLED PER NFPA XX.
- CLEAN-AGENT FIRE SUPPRESSION SYSTEM: DISCHARGE NOZZLES AND SMOKE DETECTORS LOCATIONS SHALL BE DETERMINED BY THE CLEAN-AGENT SUPPLIER.
- SEE DRAWING FP&0 FOR CLEAN-AGENT DETAILS.
- THE WET SPRINKLER SYSTEM PIPING, VALVES AND SPRINKLERS WHICH ARE INDICATE ON DRAWINGS, ARE FOR INFORMATIONAL PURPOSES ONLY.

KEYED NOTES

- DISPATCH ROOM # 108, THIS ROOM IS TO BE EQUIPPED WITH AN INDEPENDENT CLEAN-AGENT FIRE SUPPRESSION SYSTEM. SYSTEM TO INCLUDE GAS DISCHARGE TANK, DISCHARGE NOZZLES AT CEILING AND BELOW ACCESS FLOOR, DETECTORS AND ALL ALARM HORNS AND STROBES.
- DISPATCH TRAINING ROOM # 114, THIS ROOM IS TO BE EQUIPPED WITH AN INDEPENDENT CLEAN-AGENT FIRE SUPPRESSION SYSTEM. SYSTEM TO INCLUDE GAS DISCHARGE TANK, DISCHARGE NOZZLES AT CEILING AND BELOW ACCESS FLOOR, DETECTORS AND ALL ALARM HORNS AND STROBES.
- DISPATCH EQUIPMENT ROOM # 107, THIS ROOM IS TO BE EQUIPPED WITH AN INDEPENDENT CLEAN-AGENT FIRE SUPPRESSION SYSTEM. SYSTEM TO INCLUDE GAS DISCHARGE TANK, DISCHARGE NOZZLES AT CEILING AND BELOW ACCESS FLOOR, DETECTORS AND ALL ALARM HORNS AND STROBES.
- DATA / TELEPHONE ROOM # 116, THIS ROOM IS TO BE EQUIPPED WITH AN INDEPENDENT CLEAN-AGENT FIRE SUPPRESSION SYSTEM. SYSTEM TO INCLUDE GAS DISCHARGE TANK, DISCHARGE NOZZLES AT CEILING AND BELOW ACCESS FLOOR, DETECTORS AND ALL ALARM HORNS AND STROBES.
- CLEAN-AGENT DISCHARGE TANK AND WALL MOUNTED CONTROL PANEL.
- THIS AREA TO BE EQUIPPED WITH AN AUTOMATIC WET SPRINKLER SYSTEM. CEILING SPRINKLERS SHALL BE SEMI-RECESSED TYPE.
- BUILDING FIRE SERVICE, FIRE RISER AND FLOW SWITCH.
- DOUBLE CHECK DETECTOR ASSEMBLY SHALL BE MOUNTED IN THE VERTICAL POSITION.
- HALL MOUNTED FIRE EXTINGUISHER, 5 LB CAPACITY, (CLEAN-AGENT DISCHARGE) FURNISHED AND INSTALLED BY THE CLEAN-AGENT FIRE SUPPRESSION CONTRACTOR.
- CLEAN-AGENT EXTINGUISHER IN SEMI-RECESSED WALL CABINET, 5 LB CAPACITY FURNISHED AND INSTALLED BY THE CLEAN-AGENT FIRE SUPPRESSION CONTRACTOR.
- FIRE DEPARTMENT CHECK VALVE WITH AUTOMATIC BALL-D RIP VALVE, TERMINATE DRAIN LINE OVER NEAREST FLOOR DRAIN.
- 4" FIRE LINE ABOVE CEILING, SLOPE PIPING IN DIRECTION INDICATED.
- 4" FIRE LINE DOWN IN CHASE, SEE DRAWING P3.0 FOR CONTINUATION.
- WALL MOUNTED RELEASE, ABORT SWITCH, HORN/STROBE AND BELL, TYPICAL.
- PHOTOELECTRIC DETECTORS.
- INSPECTOR'S TEST CONNECTION.
- 2" DRAIN VALVE

SYMBOLS

- ABORT SWITCH
- MANUAL RELEASE BUTTON
- STROBE
- BELL
- PHOTOELECTRIC DETECTOR (MOUNTED AT CEILING)
- PHOTOELECTRIC DETECTOR (MOUNTED BELOW FLOOR)
- AGENT-DISCHARGE NOZZLE 360° (MOUNTED AT CEILING)
- AGENT-DISCHARGE NOZZLE 360° (MOUNTED BELOW CEILING)
- SPRINKLER MOUNTED IN CEILING
- SPRINKLER HEAD - UPRIGHT



date	revision

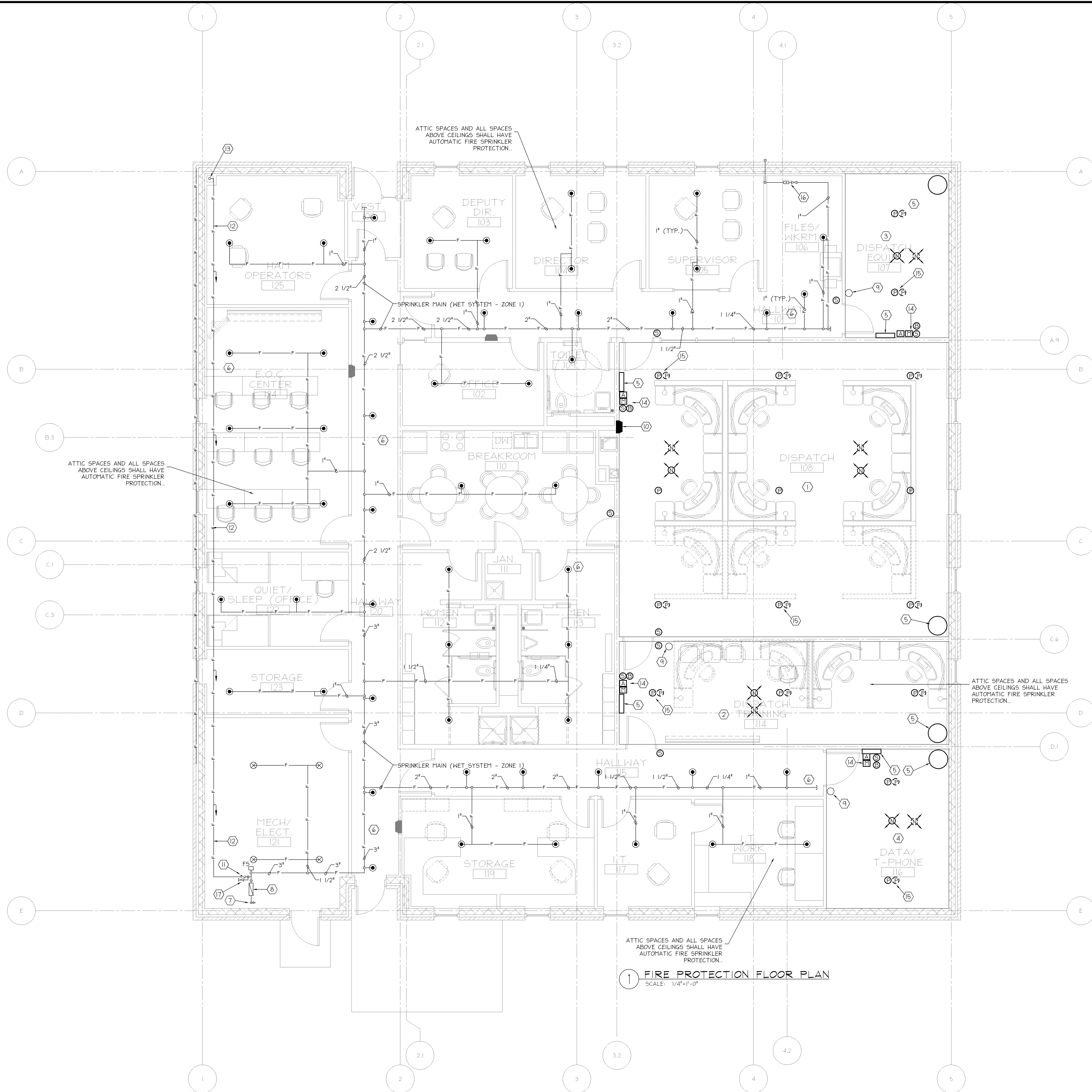
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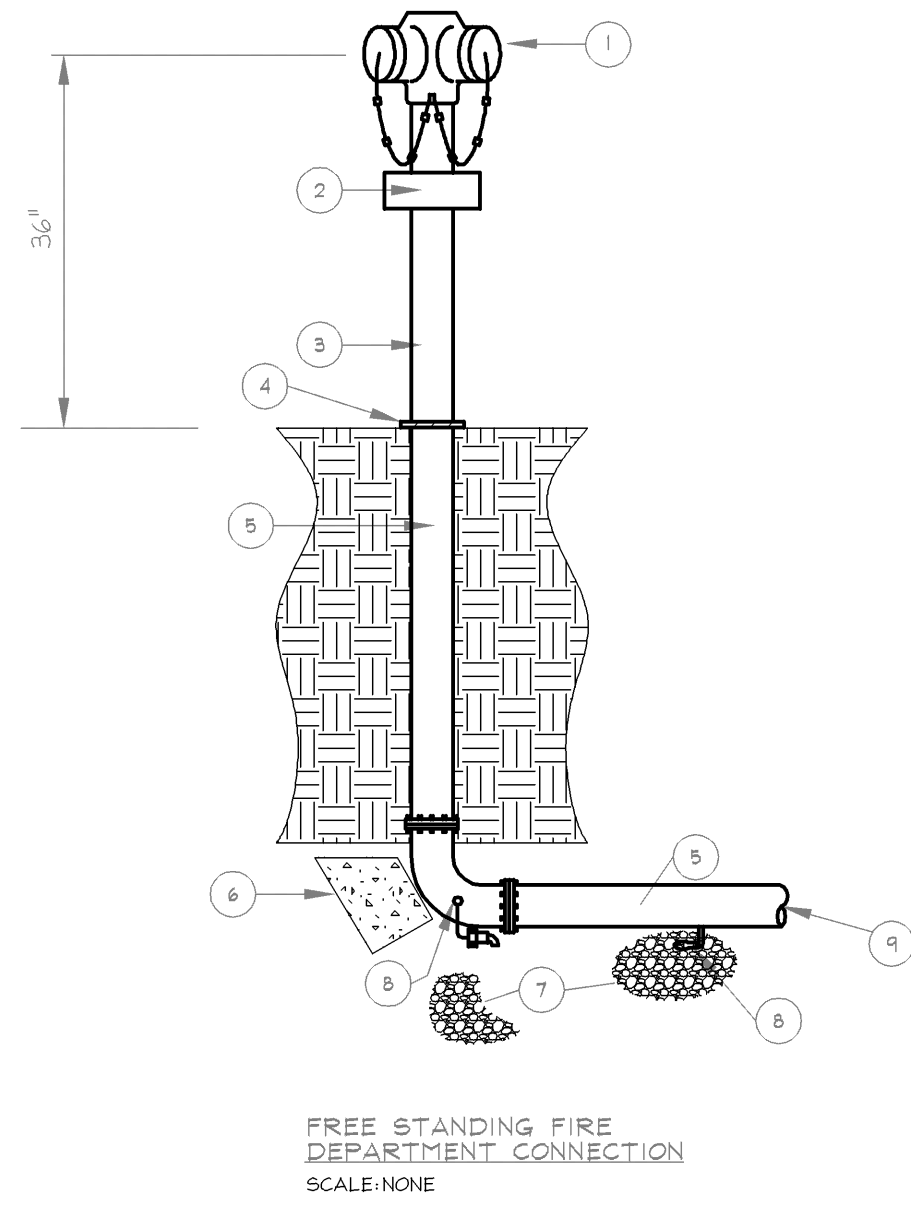
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job	concept	design	draw	check	date
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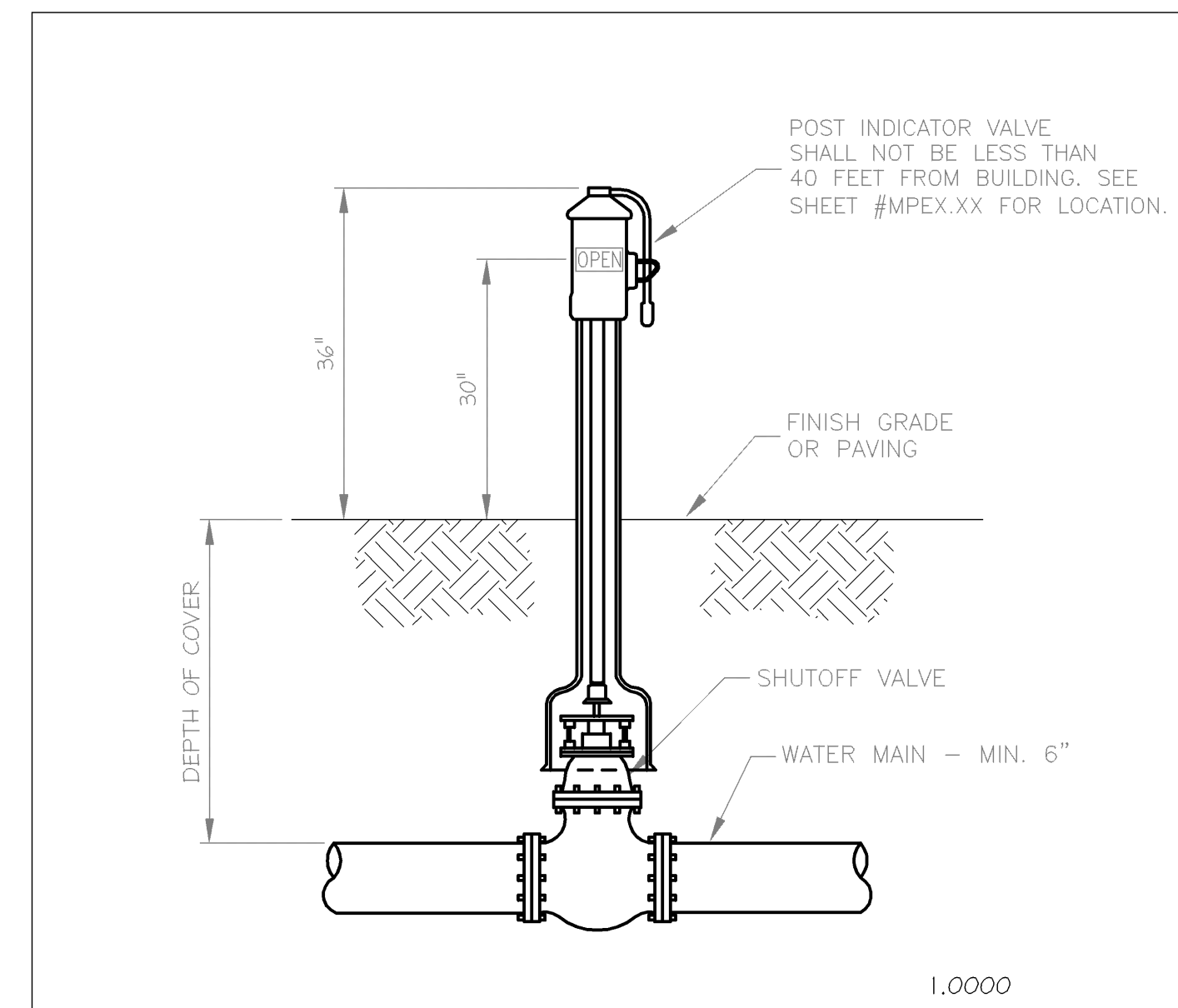
FIRE PROTECTION FLOOR PLAN
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CENTRAL COMMUNICATIONS CENTER
 AUBURN/IN
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SHEET
FP3.1

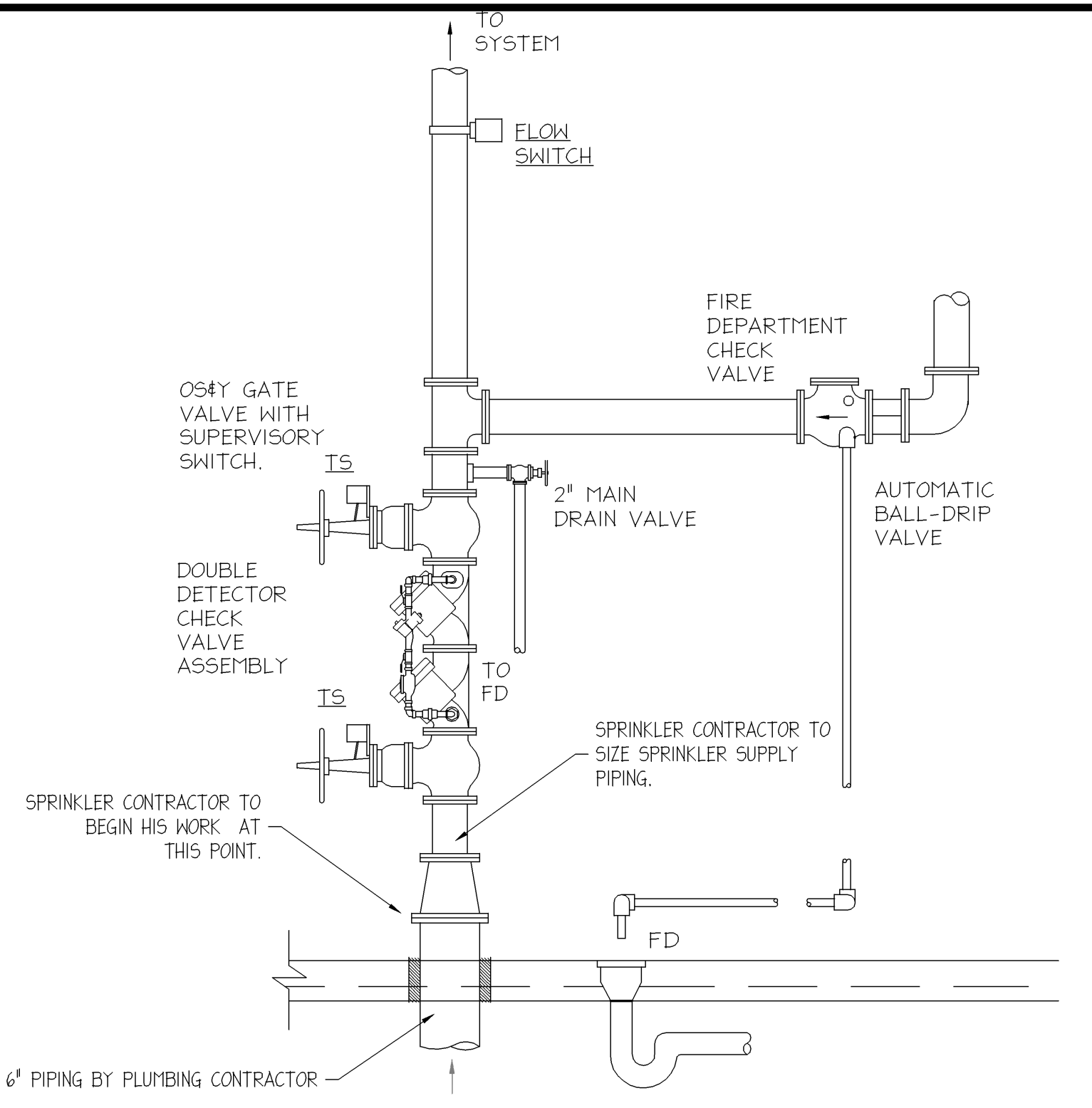




- LEGEND**
- 1 FREE STANDING FIRE DEPARTMENT CONNECTION WITH KNOX CAPS.
 - 2 IDENTIFICATION NAME PLATE
 - 3 4" SCHEDULE 40 GALVANIZED PIPE.
 - 4 CORROSION RESISTANT ESCUTCHEON.
 - 5 4" GALVANIZED PIPING BURIED BELOW GRADE TO BE TARRED AND WRAPPED.
 - 6 CEMENT THRUST BLOCK TO BE SIZED PER NFPA #24.
 - 7 GRAVEL DRAIN FIELD TO BE MINIMUM OF 2 CU/YDS OF WASHED CRUSHED STONE (#8 STONE)
 - 8 AUTOMATIC BALL DRIP DRAIN VALVE RELIABLE MODEL "C", WITH 3/4" FEMALE INLET CONNECTION VALVE SHALL BE FM APPROVED, MAXIMUM WORKING PRESSURE 175 PSI.
 - 9 RUN 4" GALVANIZED PIPING INTO BUILDING BELOW FOOTING.
 - 10 LOCATION OF FIRE DEPARTMENT CONNECTION TO BE DETERMINED BY LOCAL FIRE AUTHORITY.



3 POST INDICATOR VALVE DETAIL
SCALE: NONE 02665-12.dwg

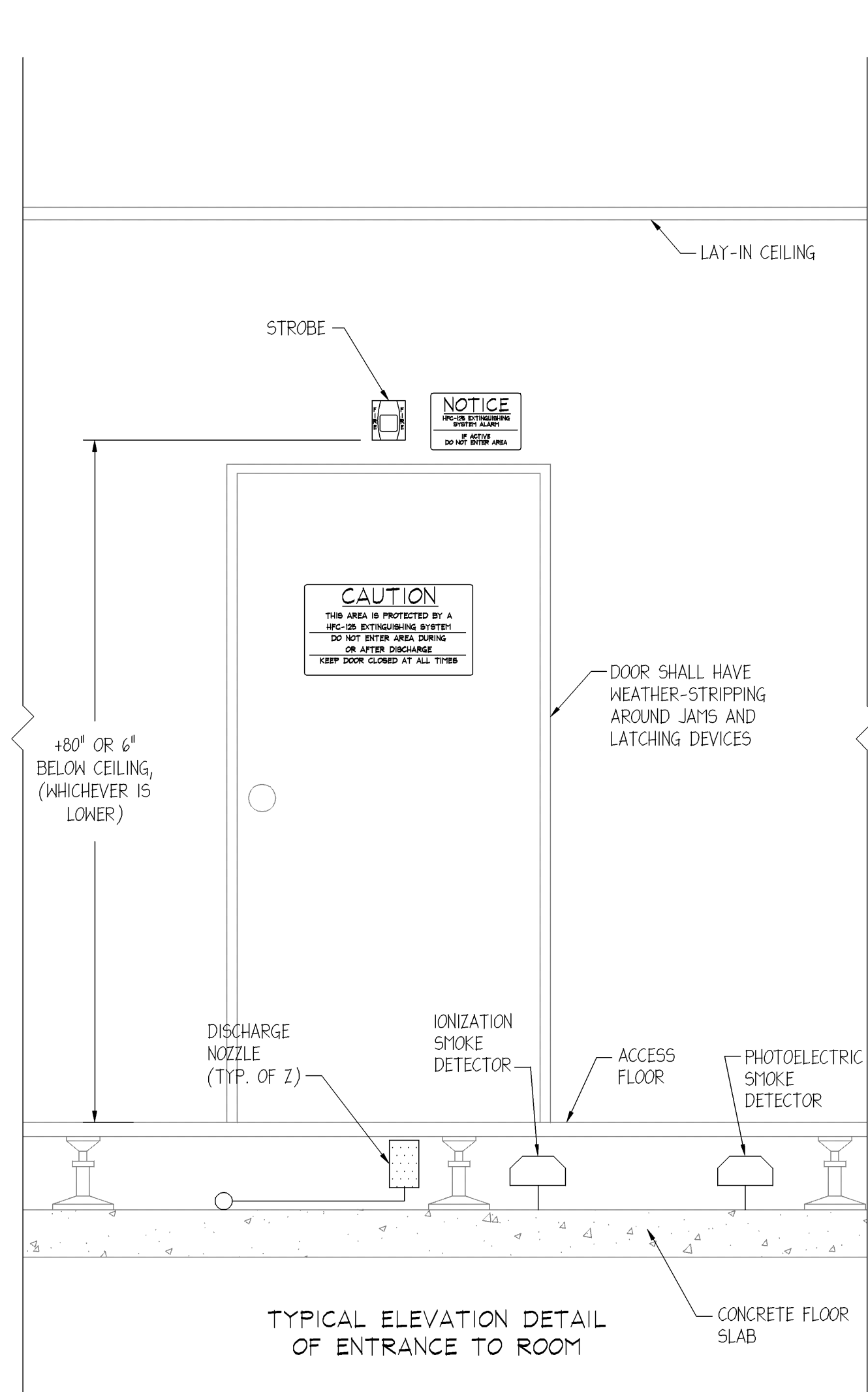
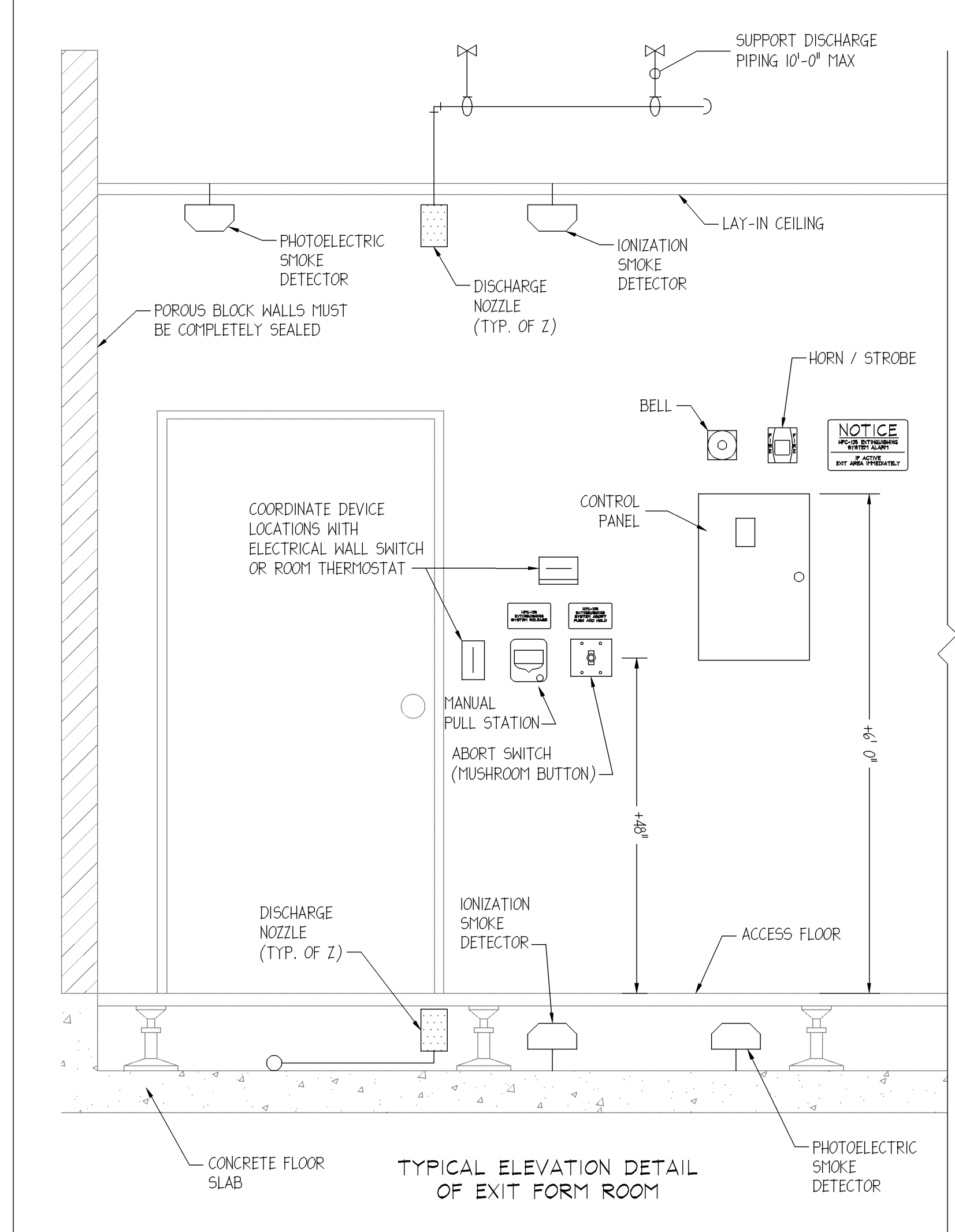


1 FIRE PROTECTION SERVICE RISER (SLAB ON GRADE) DETAIL
SCALE: NONE

FIRE DEPT. CONNECTION
FIRE HOSE THREADS SHALL BE NATIONAL STANDARD HOSE THREADS OR AS APPROVED BY THE LOCAL FIRE DEPARTMENT AUTHORITY
LOCATION OF FIRE DEPARTMENT CONNECTION SHALL BE AS APPROVED BY THE LOCAL FIRE DEPARTMENT AUTHORITY

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- OPERATION OF FIRE SUPPRESSION SYSTEM**
- SMOKE DETECTION ACTIVATION**
- A. FIRST DETECTOR IN ALARM IN THE ROOM AREA.
 1. ALARM BELL SOUNDS.
 2. DAMPERS CLOSE.
 - B. SECOND DETECTOR IN ALARM IN THE ROOM AREA.
 1. FIRE-DISCHARGE HORN / STROBES SOUND & FLASH.
 2. TIME DELAY (30 SECONDS) IS STARTED.
 3. ABORT STATION CAN BE PUSHED AT THIS TIME TO HALT DISCHARGE.
 - C. TIME DELAY (30 SECONDS) EXPIRES.
 1. DISCHARGE HORNS SOUND AND STROBES FLASH.
 2. E-25 CLEAN EXTINGUISHING AGENT WILL DISCHARGE VIA THE NOZZLES.
- MANUAL STATION ACTIVATION**
- A. MANUAL PULL STATION IS ACTIVATED.
 1. BELLS SOUND AND STROBES FLASH.
 2. DAMPERS CLOSE.
 3. E-25 AGENT WILL DISCHARGE IMMEDIATELY VIA THE NOZZLES.

2 CLEAN AGENT NOTIFICATION SYSTEM ELEVATION
SCALE: NONE

scale: NONE

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GRAPHIC SCALE

job	210-065.1
contract#	
designed	DKB
drawn	NAC
checked	SKL
date	

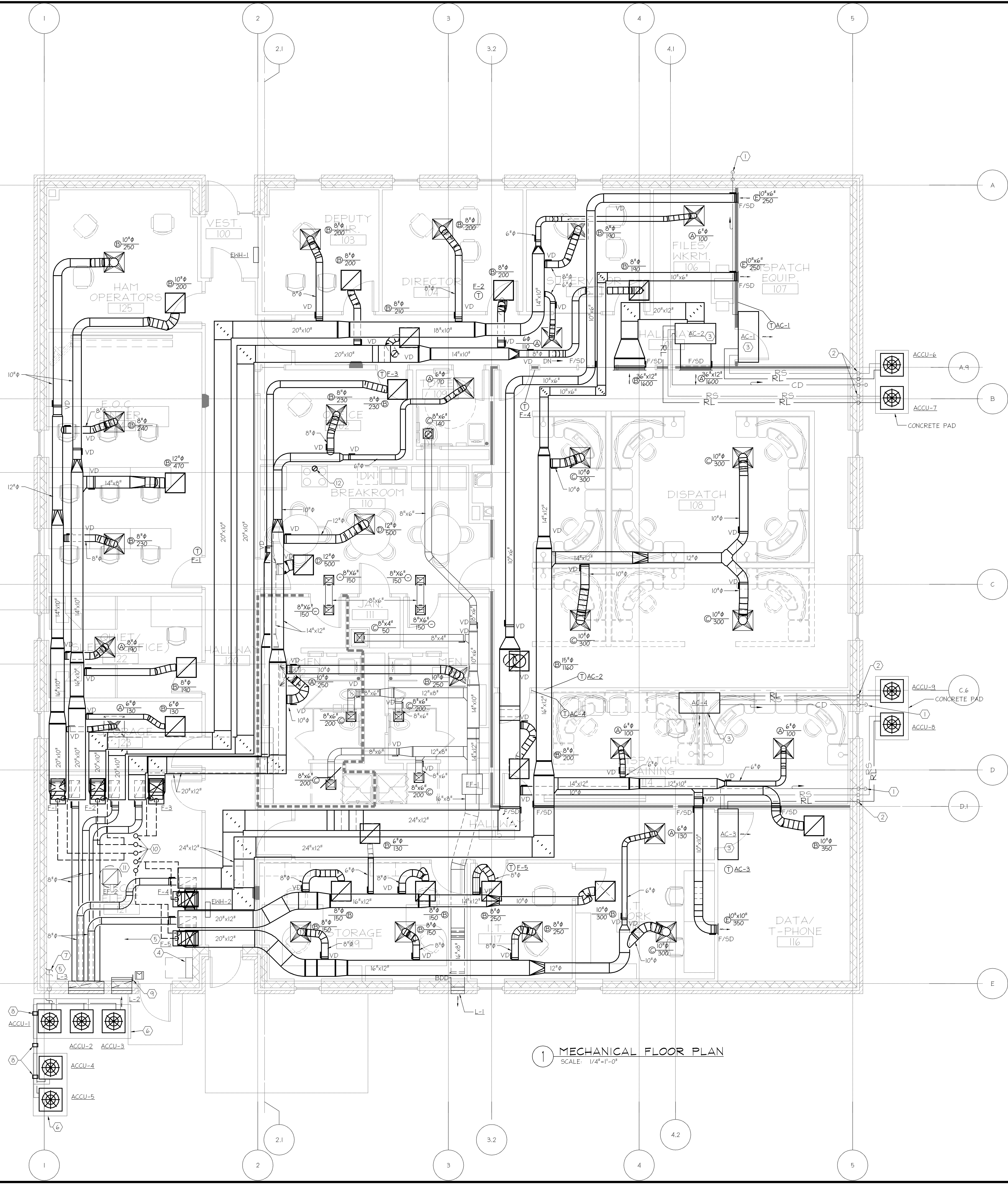
FIRE PROTECTION FLOOR PLANS & DETAILS
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1 MECHANICAL FLOOR PLAN
SCALE: 1/4"=1'-0"

- | KEYED NOTES | |
|-------------|---|
| (1) | CONDENSATE DRAIN DOWN TO +12" ABOVE GRADE. |
| (2) | REFRIGERANT PIPING DOWN INTO WALL CAVITY. |
| (3) | AIR CONDITIONER LOCATED AT CEILING LINE. PROVIDE CONDENSATE PUMP. |
| (4) | ELECTRICAL PANEL. |
| (5) | RACK REFRIGERANT PIPING ON WALL. |
| (6) | CONCRETE PAD. |
| (7) | ROUTE REFRIGERANT PIPING TO RESPECTIVE FURNACE. |
| (8) | REFRIGERANT PIPING, ABOVE GRADE, ROUTE ON PIPING SUPPORTS. |
| (9) | INTERLOCK MOTOR OPERATED DAMPER WITH EF-2. |
| (10) | COMBINATION COMBUSTION AIR AND FLUE ASSEMBLY UP THROUGH ROOF. |
| (11) | 18"x18" EXHAUST DUCT UP TO EF-2 ON ROOF. |
| (12) | 6" HOOD EXHAUST UP THROUGH ROOF. TERMINATE WITH GOOSENECK. |

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

GRAPHIC SCALE

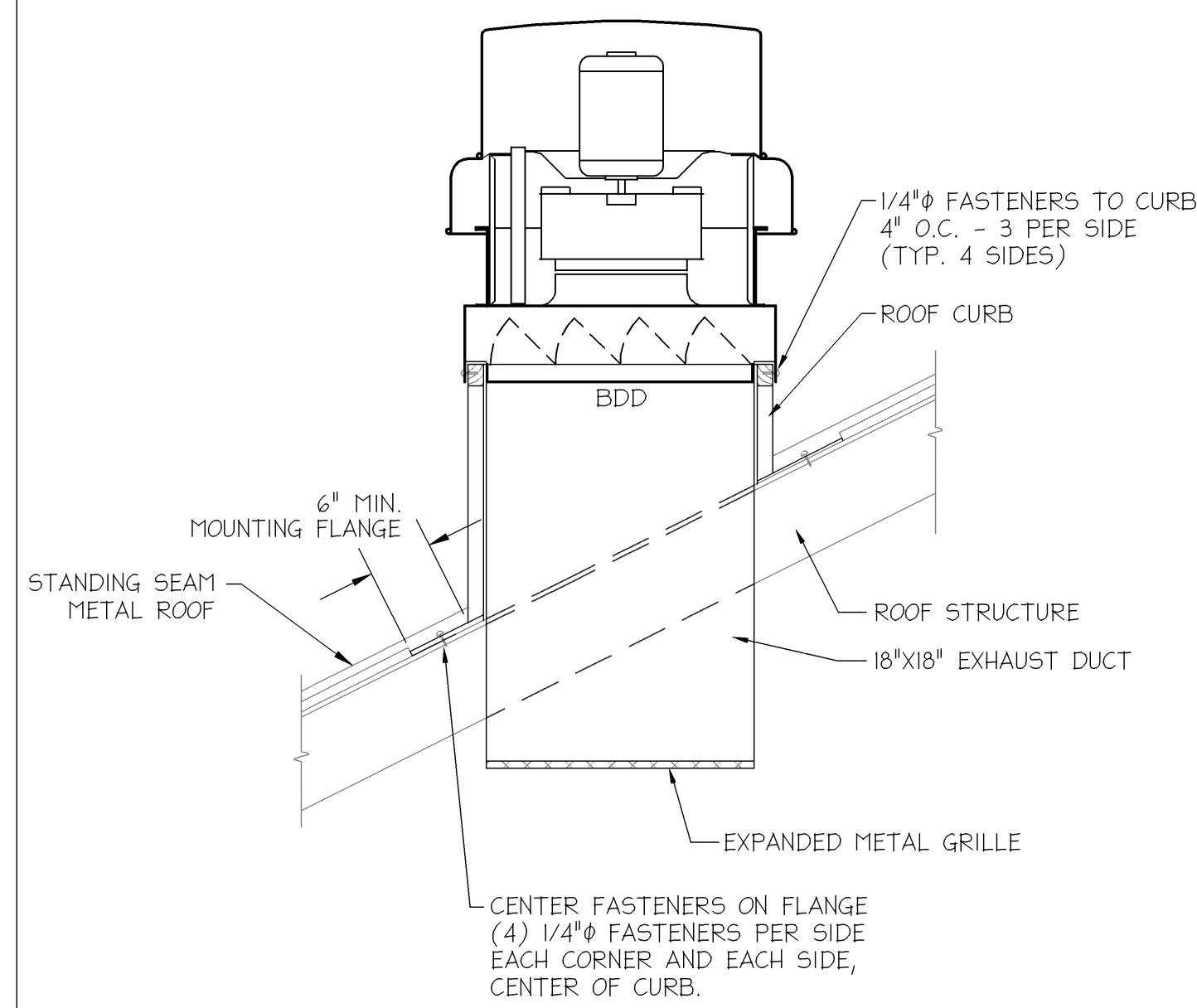
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drawn	BDW
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MECHANICAL FLOOR PLAN
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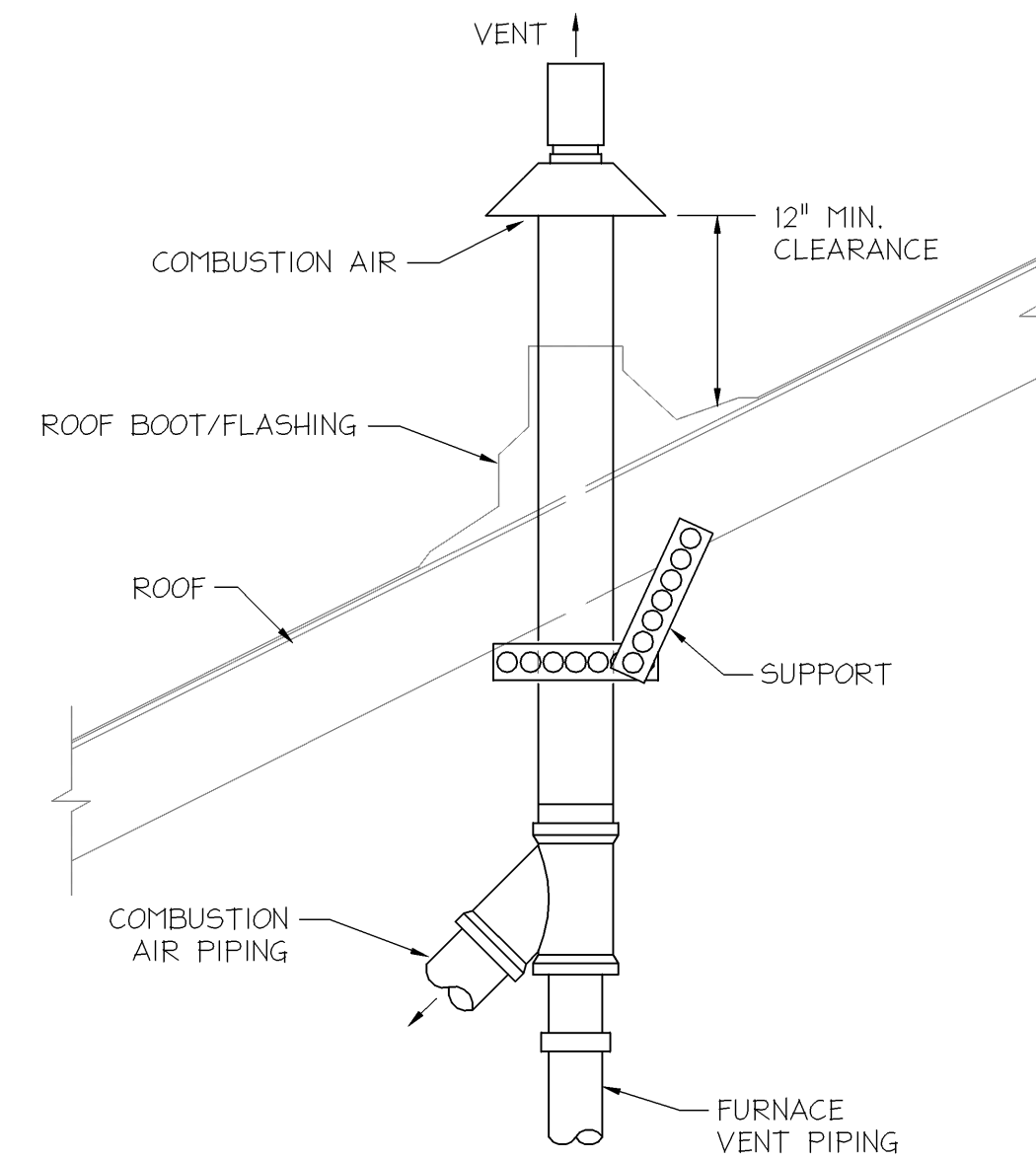
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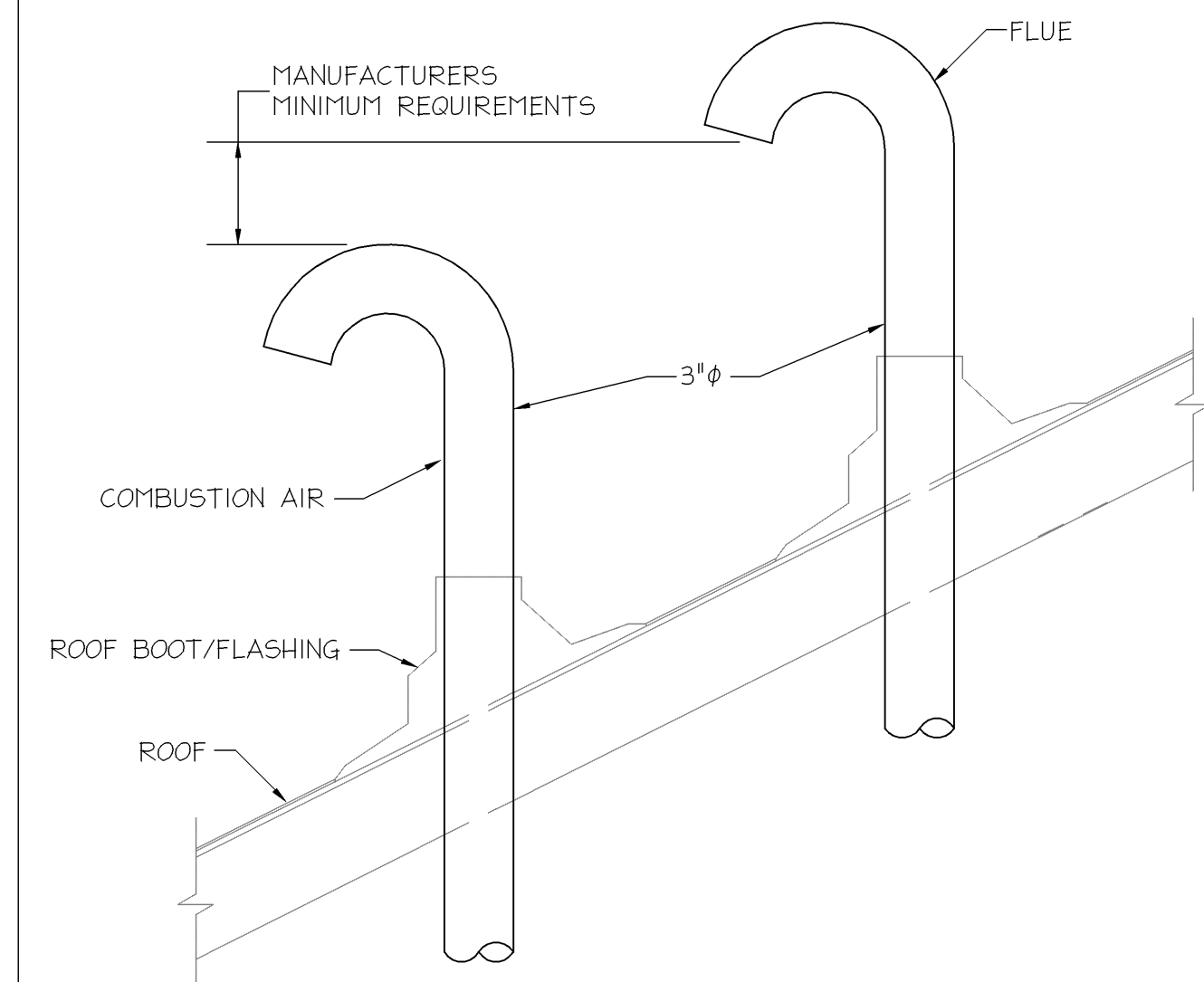
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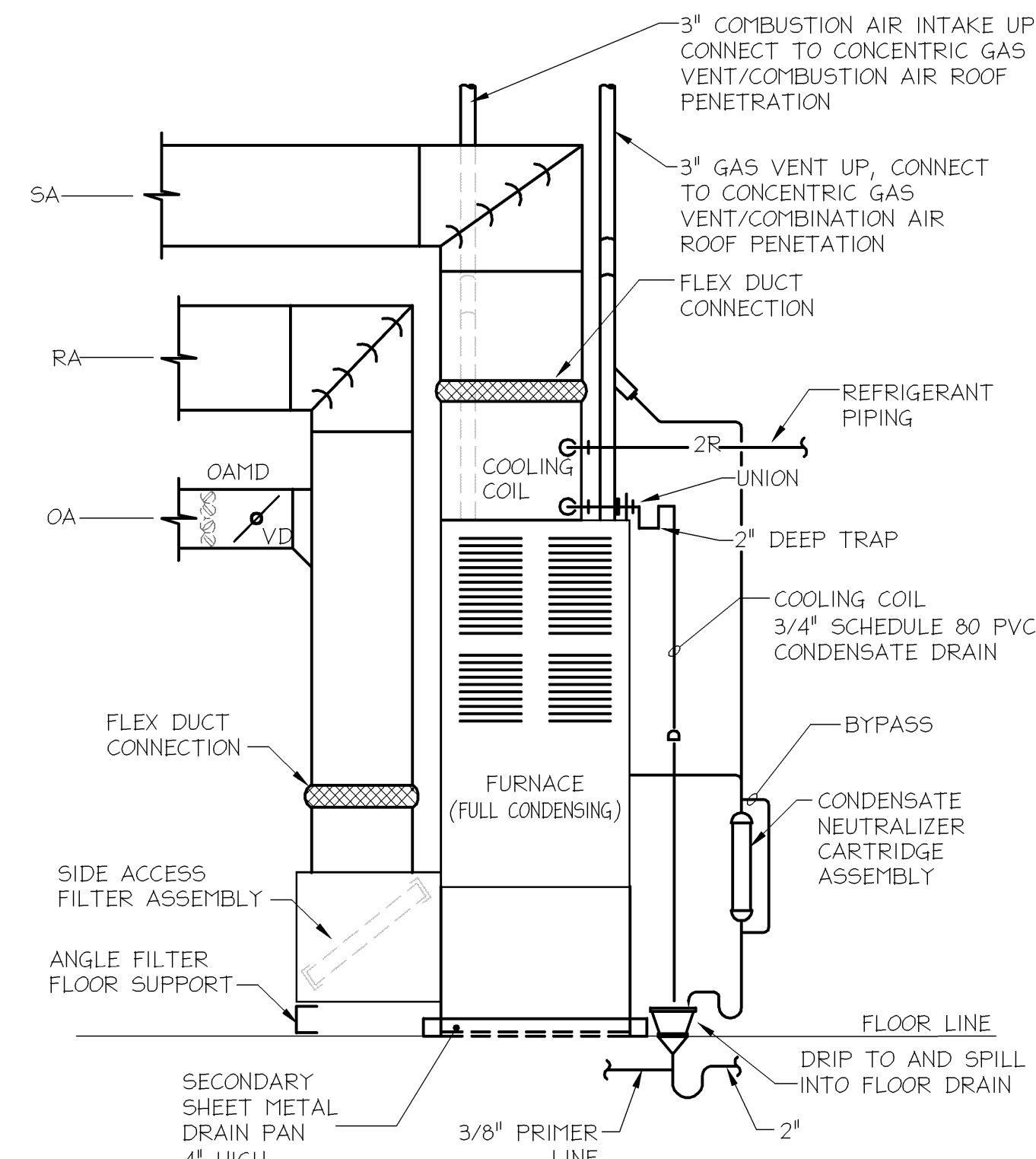
10 ROOF MOUNTED EXHAUST FAN ON SLOPED ROOF DETAIL
SCALE: NONE



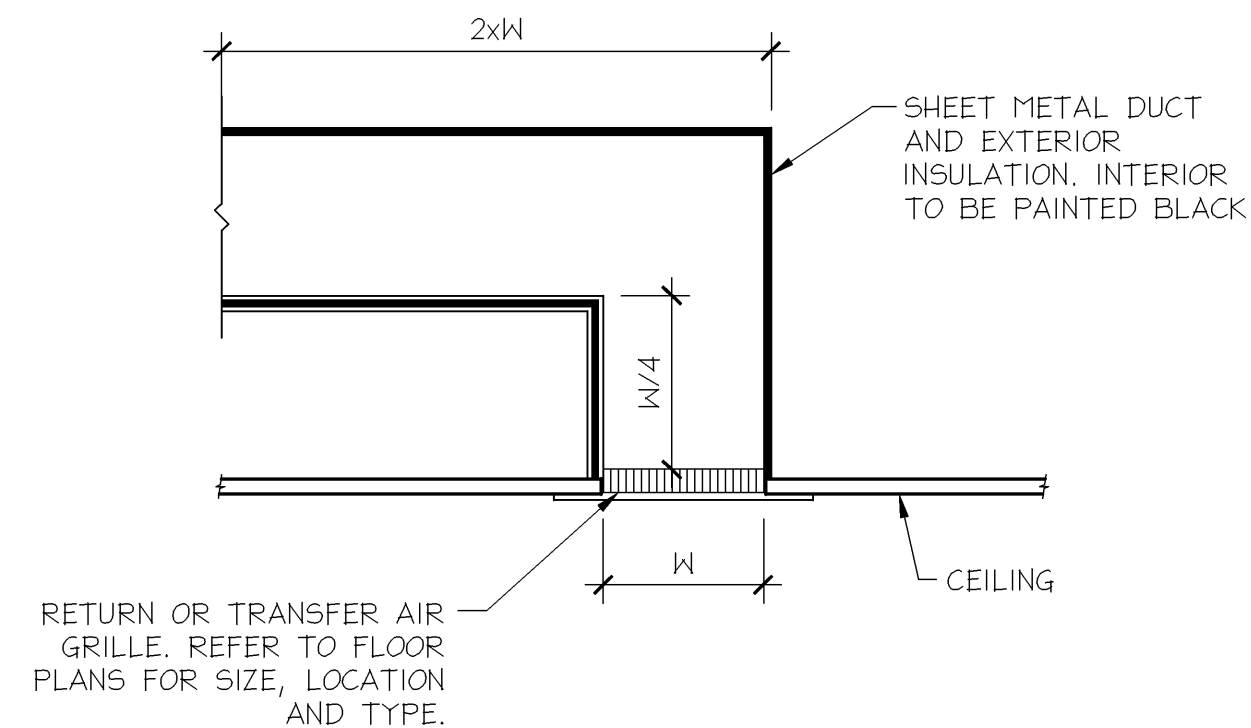
11 CONCENTRIC GAS VENT/COMBUSTION AIR ROOF PENETRATION DETAIL
SCALE: NONE



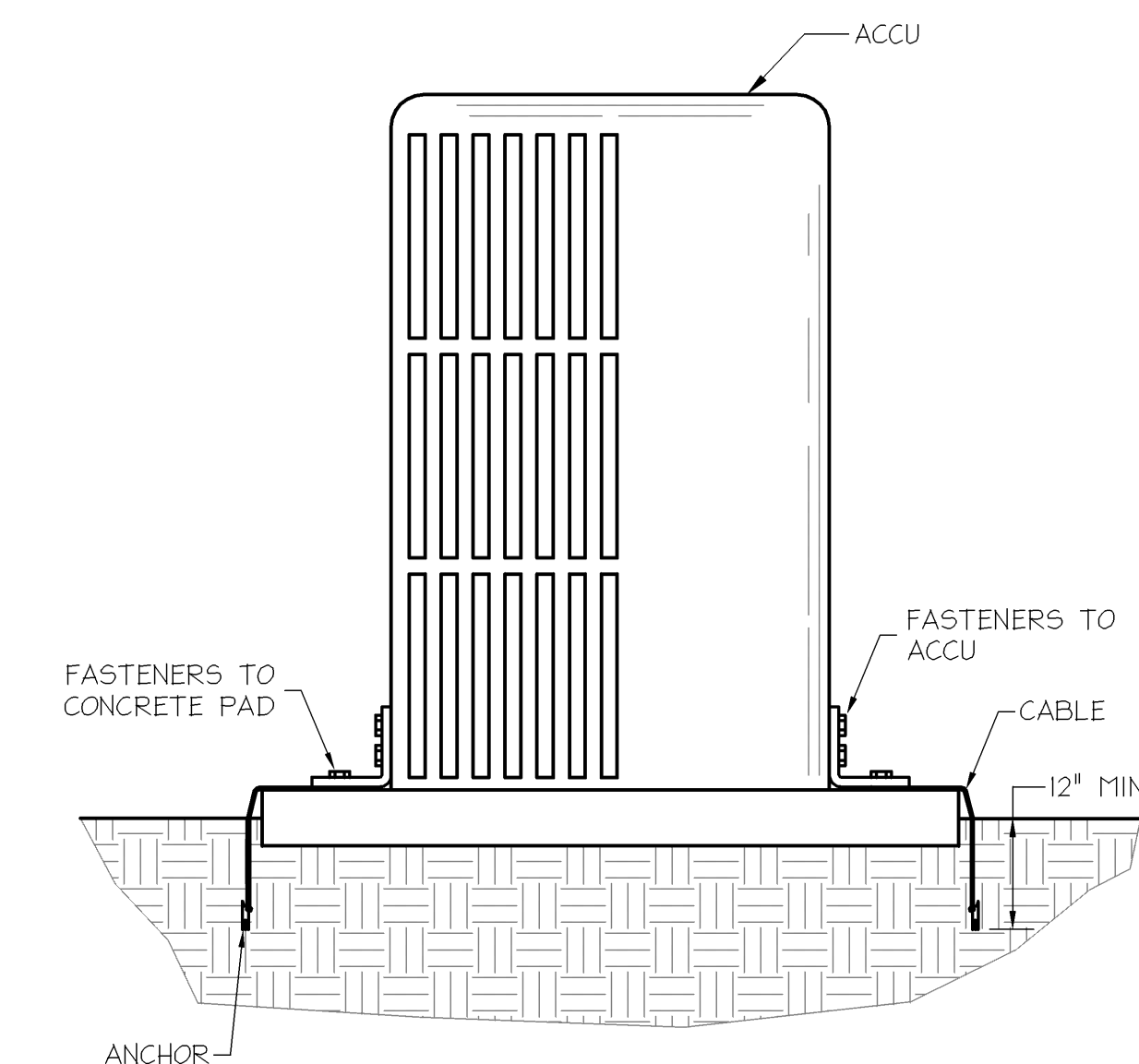
12 DOMESTIC WATER HEATER FLUE AND COMBUSTION AIR ROOF PENETRATION DETAIL
SCALE: NONE



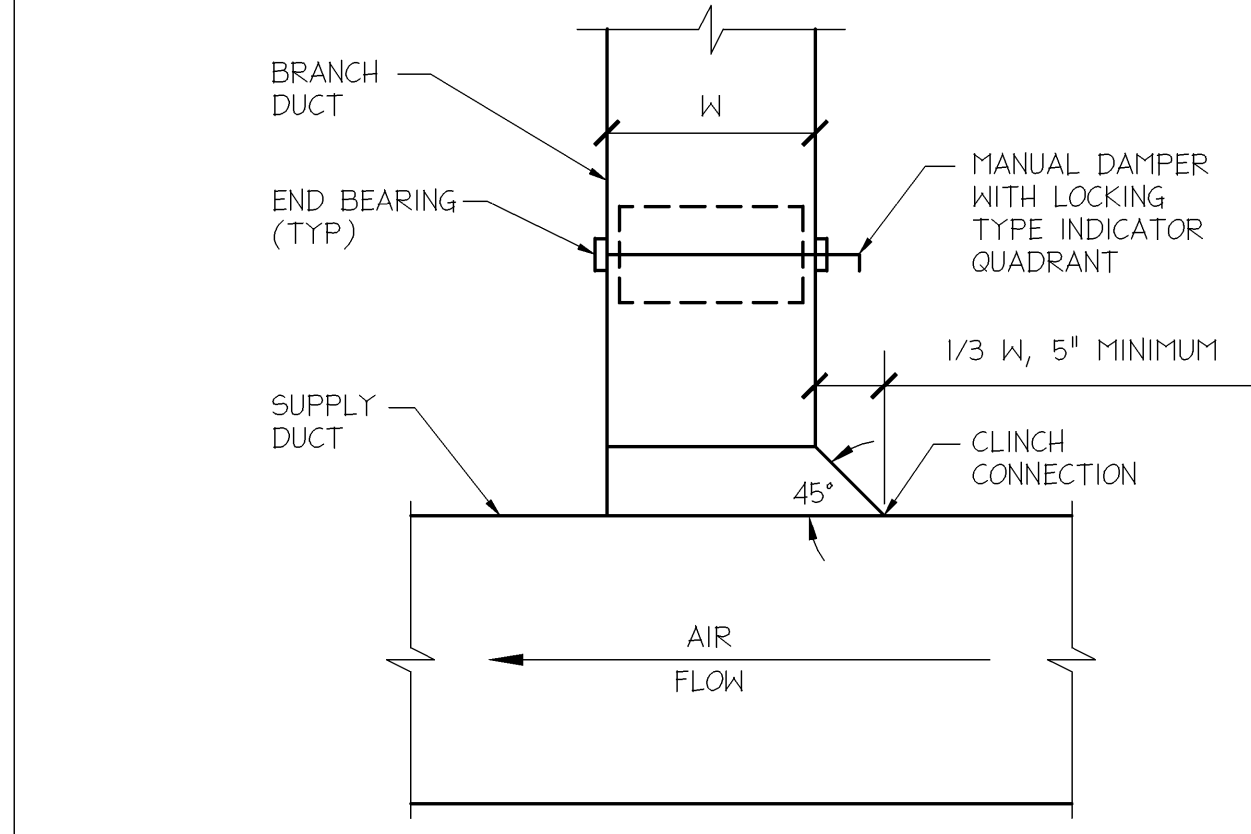
7 FURNACE INSTALLATION SCHEMATIC (TYPICAL)
SCALE: NONE



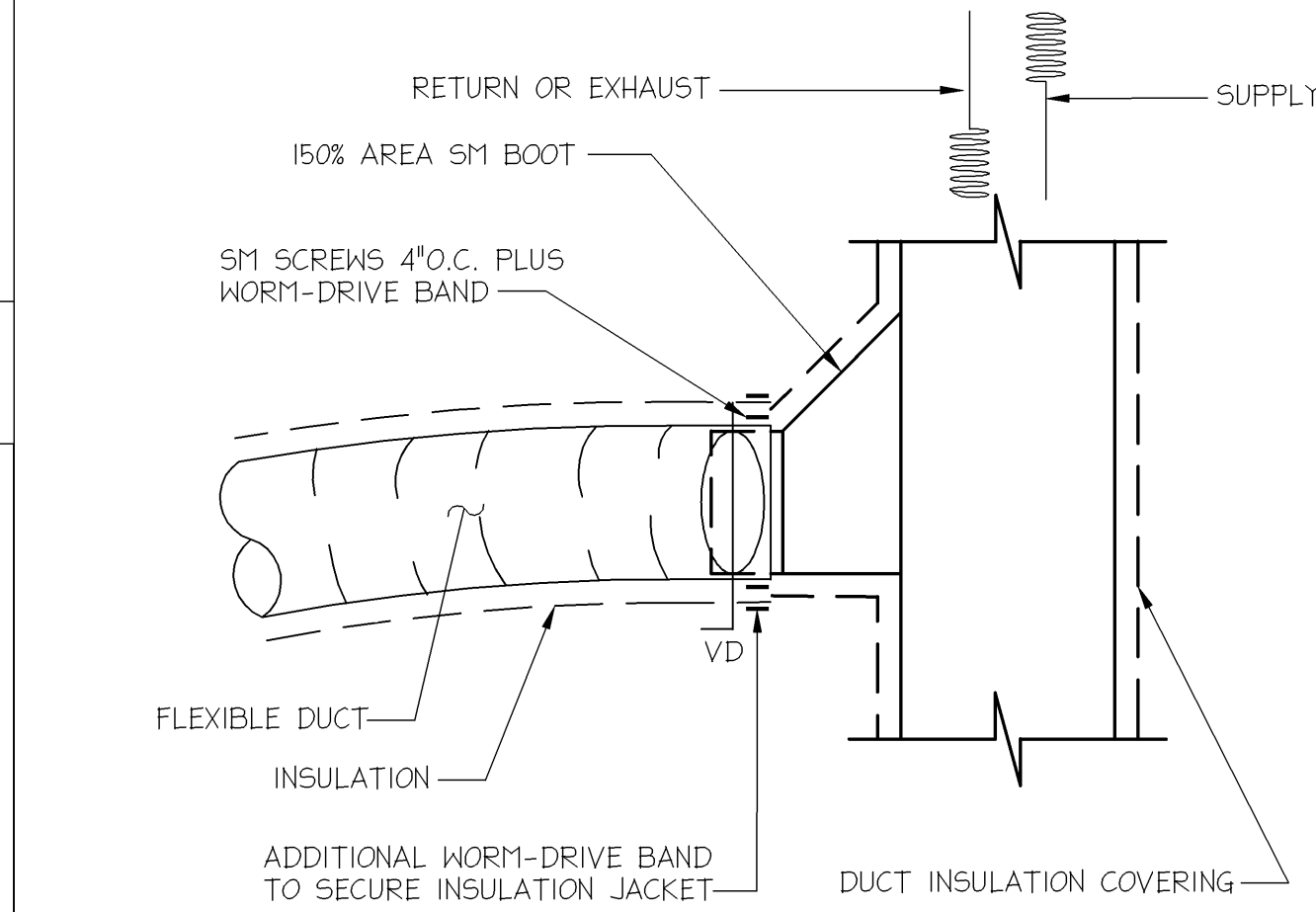
8 RETURN BAFFLE BAFFLE DETAIL
SCALE: NONE



9 AIR COOLED CONDENSING UNIT TIE DOWN DETAIL
SCALE: NONE



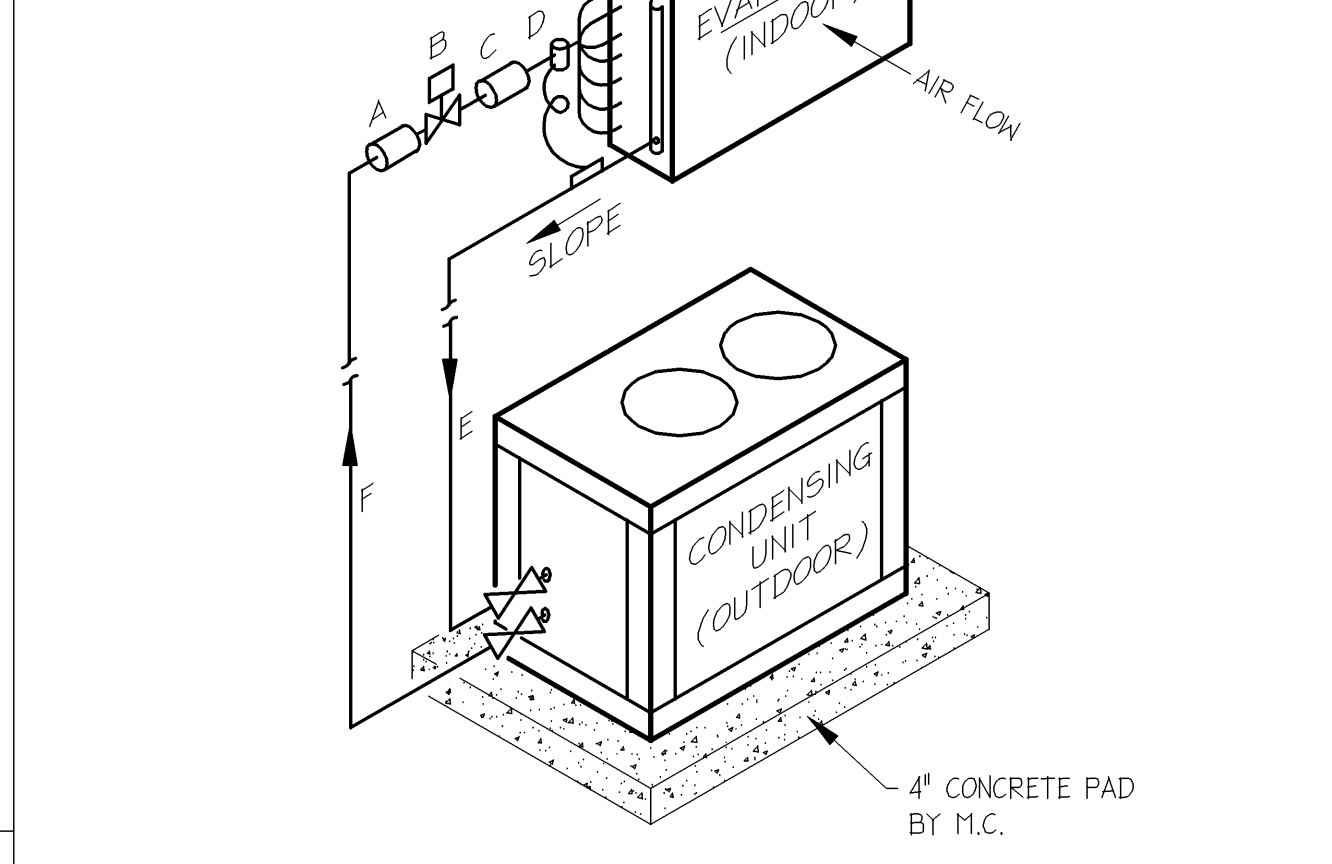
4 RECTANGULAR SUPPLY DUCT TAP TO SINGLE AIR OUTLET
SCALE: NONE



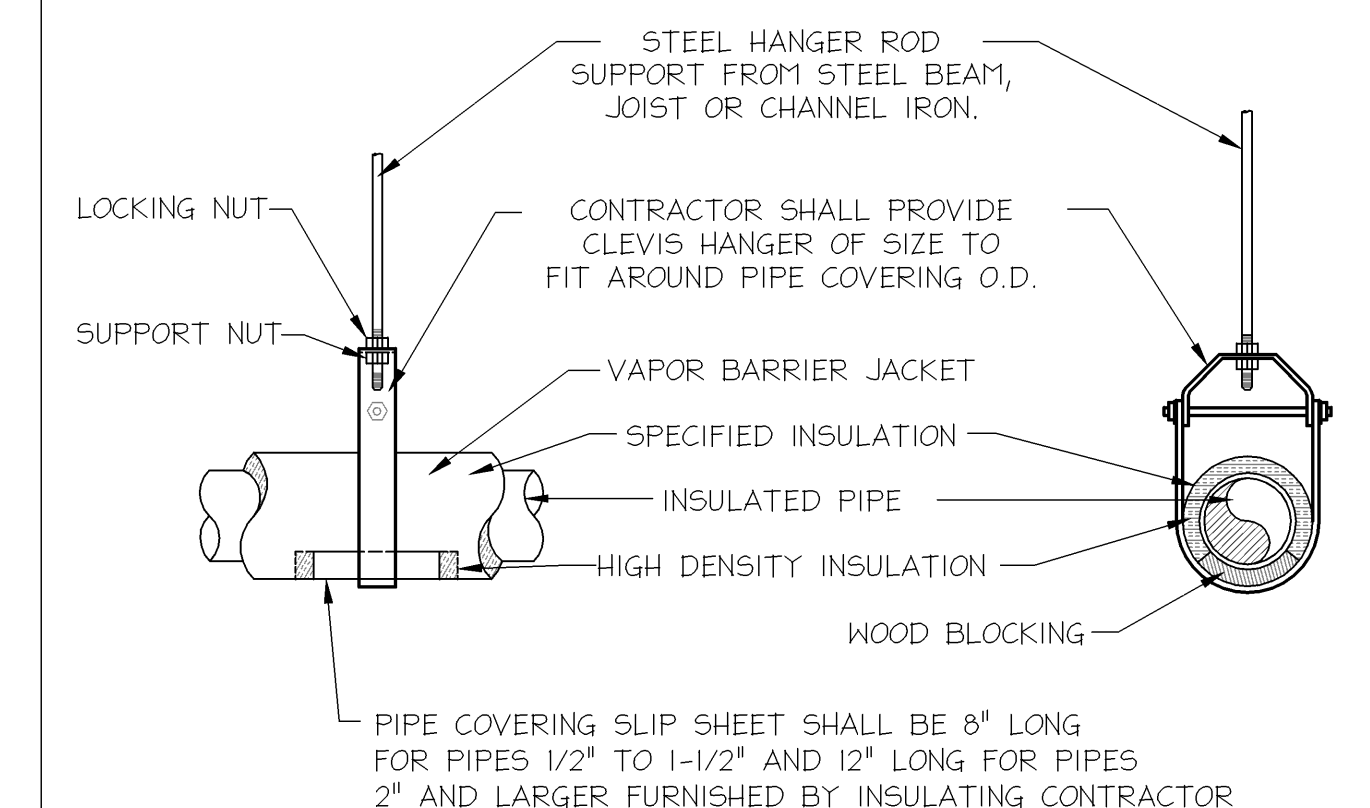
- NOTES:**
- SUPPORT FLEXIBLE DUCTS AS REQUIRED TO PREVENT SAGGING AND CRIMPING. SUPPORTS SHALL ENIRCLE DUCT AND SHALL BE AT LEAST 1\"/>
 - MAXIMUM LENGTH OF ANY FLEXIBLE DUCT: 5' (EXCEPT WHERE SPECIFICALLY SHOWN LONGER ON DRAWINGS.)
 - MAXIMUM BEND: 135 DEG.
 - MINIMUM CENTERLINE RADIUS OF BENDS: 1.5 DIA.
 - CUT DUCTS IN LENGTHS TO FIT SITUATION. EXTEND DUCTS THAT WERE COMPRESSED DURING SHIPMENT TO PROPER LENGTH. AVOID UNNECESSARY LOOPS.
 - USE RIGID METAL DUCT TO REACH TO WITHIN DIMENSIONS SPECIFIED.
 - PROVIDE VD AT UPSTREAM END OF ALL FLEXIBLE DUCTS.

5 TYPICAL FLEXIBLE DUCT BRANCH TAKE-OFF (LOW PRESSURE)
SCALE: NONE

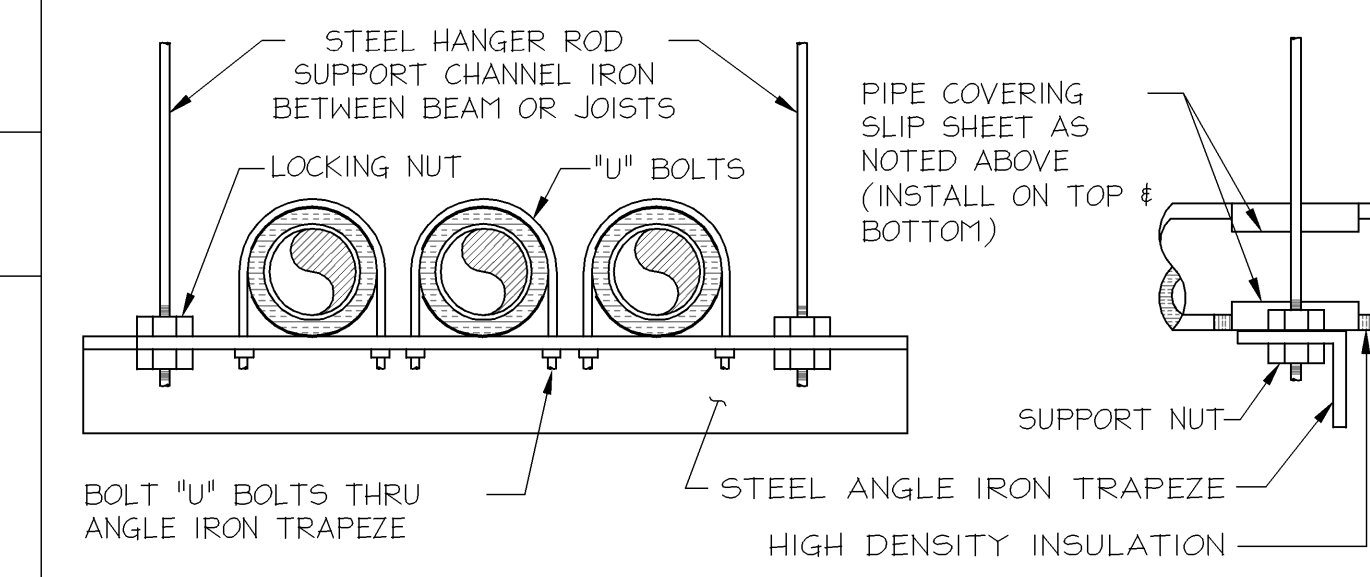
- NOTES:**
- ALL PIPING AND PIPING COMPONENTS ARE BY M.C.
 - PITCH ALL HORIZONTAL LINES A MINIMUM OF 1/2\"/>
 - INSULATE ALL SUCTION LINES.
 - UNIT MANUFACTURER SHALL PROVIDE REFRIGERANT PIPING SCHEMATIC INCLUDING ALL LINES, VALVE SIZES AND EXACT LINE ROUTING. THIS MUST BE SUBMITTED BY M.C. WITH SHOP DRAWINGS.
 - CONFIRM SIZE OF REFRIGERANT LINES W/ SYSTEM PRESSURE DROP. NO DERATING OF OPERATING TONNAGE SHALL OCCUR. CONFIRM LINES ARE PROPERLY SIZED FOR PART LOAD AMBIENT TEMPERATURES.



6 REFRIGERANT PIPING DETAIL
SCALE: NONE

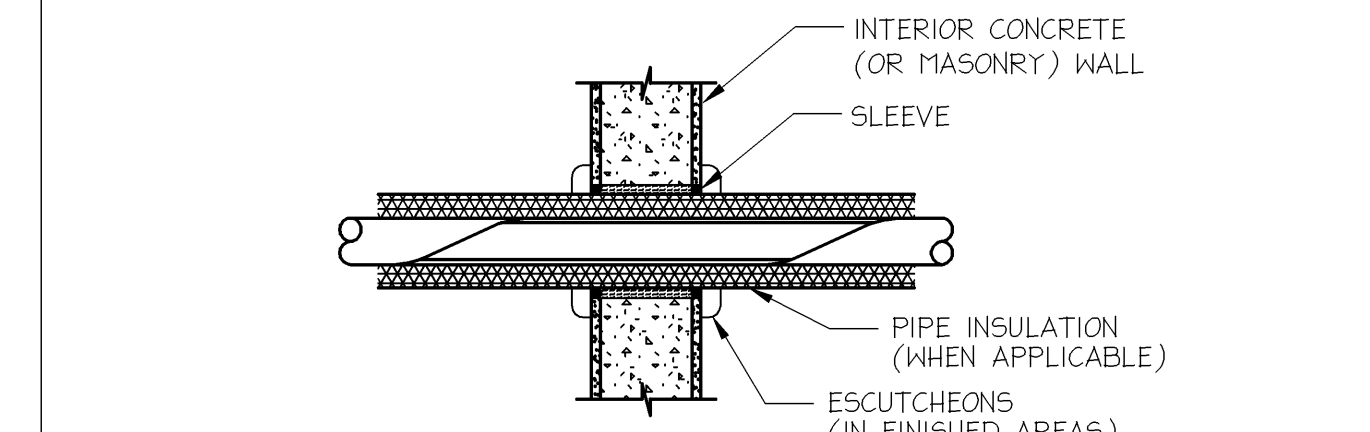


PIPE COVERING PROTECTOR

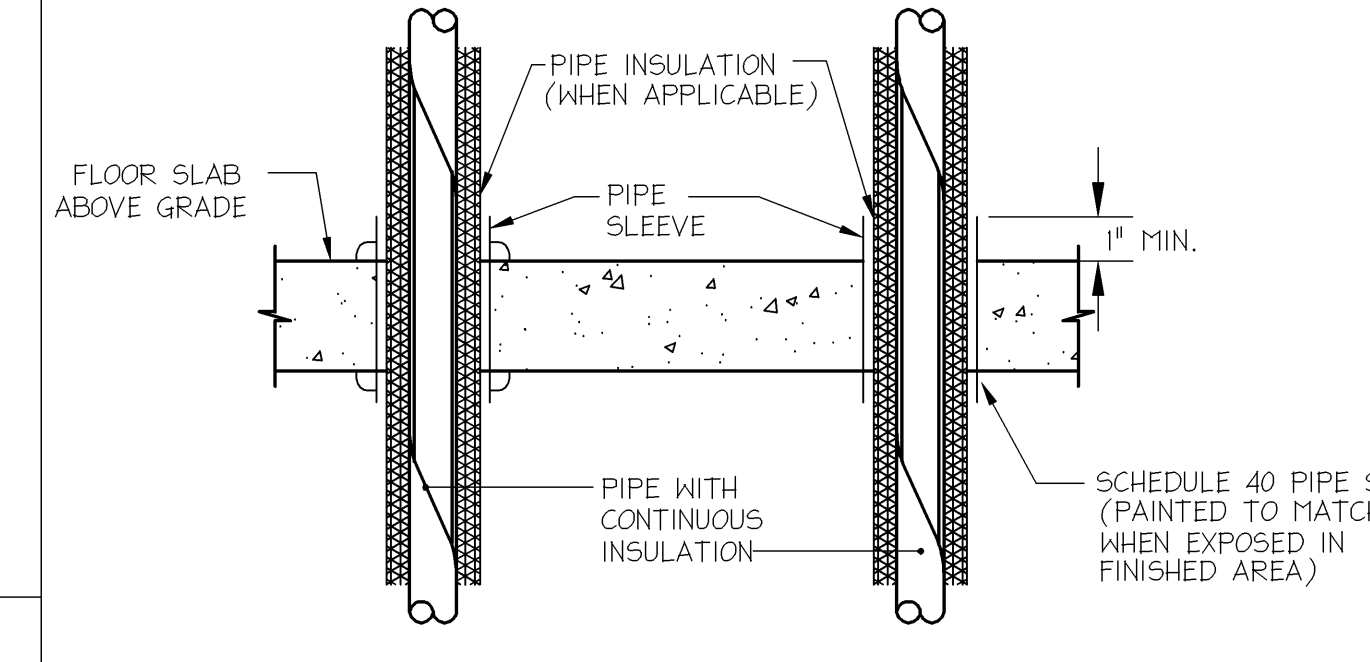


TRAPEZE HANGER

1 TYPICAL TRAPEZE HANGER AND PIPE COVERING DETAIL
SCALE: NONE



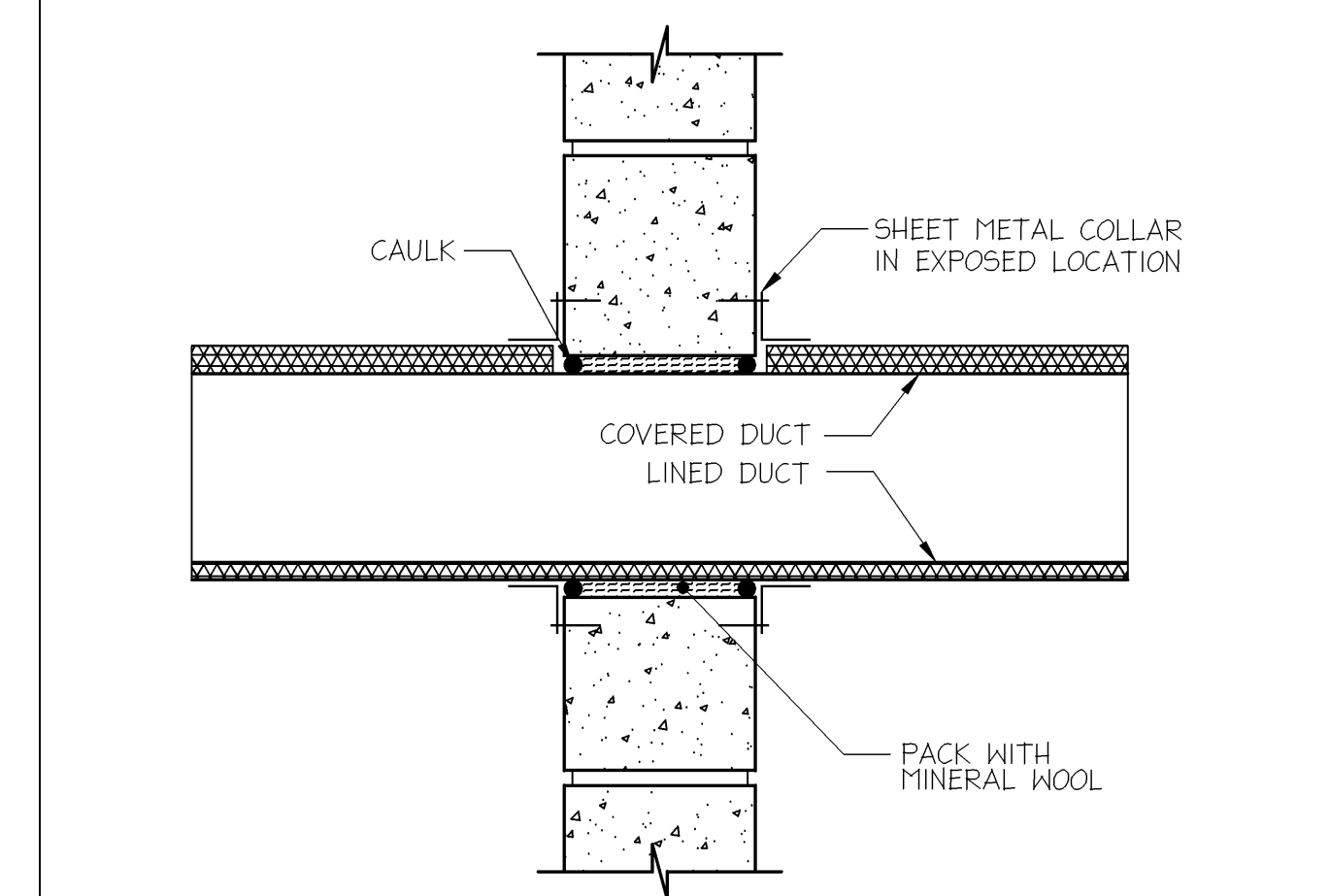
PIPE SLEEVE IN POURED CONCRETE WALL
NO SCALE



TYPICAL PIPE PENETRATION THRU FLOOR/WALL
NO SCALE

- NOTE:** 1. PROVIDE CAULKING OR FIRE STOPPING WHEN APPLICABLE.
2. CORE DRILLED OPENINGS SHALL BE CAULKED OR FIRE STOPPED WHEN APPLICABLE.

2 TYPICAL PIPE PENETRATIONS
SCALE: NONE



3 TYPICAL DUCT PENETRATIONS DETAIL
SCALE: NONE

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

0 8' 16'

GRAPHIC SCALE

job#	210-0651
contract#	
design#	SDL
drawn	BDM
checked	SDL
date	

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PLUMBING EQUIPMENT SCHEDULE

Table with columns: MARK, BASIS OF DESIGN, GAS INPUT, NATURAL GAS PRESSURE, CAPACITY, ELECTRICAL REQUIREMENTS, REMARKS (SEE SPECIFICATION FOR ADDITIONAL REQUIREMENTS), SEE NOTE. Rows include BFP-1 to CHR-1.

- NOTE: 1. PROVIDE WATER HEATER WITH NATURAL GAS BURNER. 2. POWER, DIRECT VENT, 3" VENT SYSTEM (INTAKE/EXHAUST), TERMINATE VENTS THRU ROOF. 3. STAINLESS STEEL FLOAT BRACKET - SJE RHOMBUS # 1009432. 4. SEE SUMP PUMP DETAIL, 12/P6.0.

DX SPLIT SYSTEM A/C UNIT SCHEDULE

Table with columns: MARK, CFM, E.S.P., ENTERING AIR F, CAPACITY MBH, MOTOR DATA, MOCAP, AUX. ELEC. HEAT, MANUFACTURER & MODEL NO., NOTES. Rows include AC-1 to AC-4.

- NOTE: 1. HORIZONTAL ARRANGEMENT. 2. HORIZONTAL CONCEALED ARRANGEMENT, RETURN AIR PLENUM & FILTER RACK. 3. PROVIDE CONDENSATE PUMP: EQUAL TO LITTLE GIANT MODEL EC-250, 120V/1/0.

FIXTURE CONNECTION SCHEDULE

Table with columns: FIXTURE TYPE, CW, HW (115°F), TRAP, SAN, VENT. Rows include ELECTRICAL WATER COOLER, FLOOR DRAIN, MOP BASIN, LAVATORY, URINAL, WATER CLOSET, COUNTERTOP SINK, HOSE BIBB, COMBINATION FIXTURE, SHOWER, UNDER COUNTER DISHWASHER, RESIDENTIAL CLOTHES WASHER.

- NOTE 'A': MATCH CONNECTED PIPE SIZE (AS INDICATED ON DRAWINGS). NOTE 'B': ABOVE GRADE WASTE PIPING = 1-1/2" VENT. BELOW GRADE WASTE PIPING = 2" VENT.

LOAD VALUES ASSIGNED TO FIXTURES

Table with columns: FIXTURE TYPE, WSPU, DFU. Rows include ELECTRICAL WATER COOLER, FLOOR DRAIN, MOP BASIN, LAVATORY, URINAL, WATER CLOSET, COUNTERTOP SINK, HOSE BIBB, COMBINATION FIXTURE, SHOWER, UNDER COUNTER DISHWASHER, RESIDENTIAL CLOTHES WASHER.

- NOTE 'A': FLOOR DRAIN SIZE AND CORRESPONDING DFU'S (IF RECEIVING CONTINUOUS FLOW): 2" (0 DFU), 3" (6 DFU), 4" (8 DFU).

GRILLES, REGISTERS AND DIFFUSERS

Table with columns: TYPE, STYLE, MATERIAL, FRAME, FINISH, NOTES, BASIS OF DESIGN. Rows include SUPPLY DIFFUSER, RETURN GRILLES, SUPPLY GRILLES, TRANSFER GRILLES, WALL GRILLES.

- NOTES: 1. SEE 'H3' SERIES SHEETS FOR NECK SIZE. 2. 24" X 24" FACE. 3. FACE TO BE 24"X24" OR 24"X12" SEE 'H3' SERIES SHEETS.

MINIMUM PIPE INSULATION THICKNESS

Table with columns: FLUID DESIGN OPERATING TEMP. RANGE (°F), INSULATION CONDUCTIVITY, MEAN RATING TEMP. °F, NOMINAL PIPE or TUBE SIZE (in.). Rows include HEATING SYSTEMS, DOMESTIC AND SERVICE HOT WATER SYSTEMS, COOLING SYSTEMS.

WATER HAMMER ARRESTOR SCHEDULE

Table with columns: P.D.I. SIZE (TYPE), FIXTURE UNITS, CONNECTION SIZE. Rows include A, B, C, D, E.

GAS FIRED FURNACE SCHEDULE

Table with columns: MARK, AREA SERVED, LOCATION, FAN DATA, MOTOR, DX COOLING COIL CAPACITY, MAX. WET COIL S.P., GAS HEATING DATA, FILTER, NOTES, BASIS OF DESIGN. Rows include F-1 to F-5.

- NOTE: 1. S.P. SHOWN INCLUDES NET COOLING COIL PRESSURE DROP, BUT DOES NOT INCLUDE FURNACE AND FILTER. 2. U = UPFLOW. 3. 333 FPM MAX. FILTER VELOCITY. PROVIDE SHOP-FABRICATED FILTER BOX IF NECESSARY TO MEET FPM REQUIREMENTS. 4. MAXIMUM NET COOLING COIL PRESSURE DROP: 0.25" WATER. 5. PROVIDE CONCENTRIC (THRU WALL) VENT TERMINATION COMBINATION FLUE & COMBUSTION AIR ASSEMBLY. 6. PROVIDE CONDENSATION NEUTRALIZER KIT. 7. PROVIDE SIDE RETURN FILTER RACKS. 8. PROVIDE PROGRAMMABLE THERMOSTAT JCI MODEL T600 P-3. FURNACE ELECTRICAL DATA: F-1, F-2, F-5 - 10 AMPS, MOP 15 AMPS, MIN. WIRE SIZE #14 (75). F-3, F-4 - 11.5 AMPS, MOP 15 AMPS, TOTAL UNIT 10.0 AMPS, MIN. WIRE SIZE #14 (75).

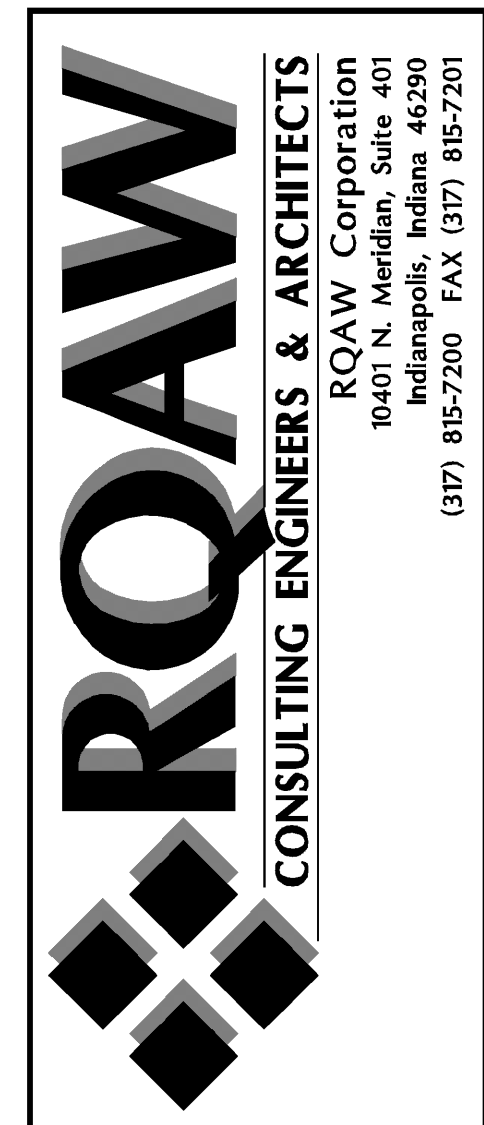
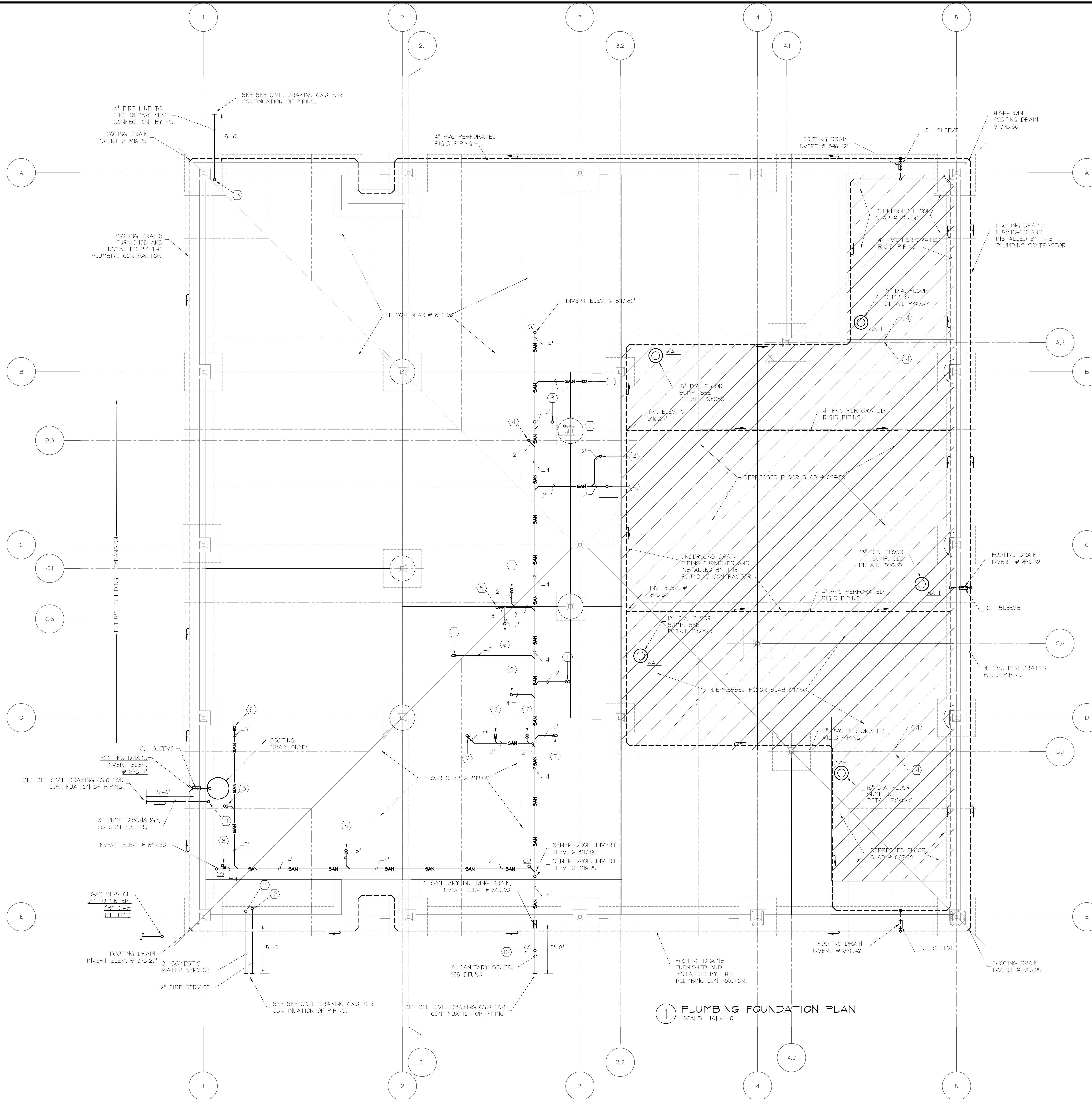


Table for revisions and date, with columns for revision number, description, and date.

Table for scale and graphic scale, showing 1/8" = 1'-0" and a graphical scale from 0 to 16 feet.

Table for job information including job number, contract, designer, drafter, checker, and date.

MECHANICAL AND PLUMBING SCHEDULES DEKALB COUNTY CENTRAL COMMUNICATIONS CENTER AUBURNIN Copyright © 2010 by RQAW Corporation. All rights reserved.



- ### KEYED NOTES
- ① 2" WASTE LINE UP TO FLOOR DRAIN.
 - ② 4" WASTE LINE UP.
 - ③ 3" MAIN VENT UP INTO CHASE.
 - ④ 2" WASTE LINE UP.
 - ⑤ 3" WASTE LINE UP.
 - ⑥ 2" VENT UP.
 - ⑦ 2" WASTE LINE UP TO SHOWER DRAIN.
 - ⑧ 3" WASTE LINE UP TO FLOOR DRAIN.
 - ⑨ 3" PUMP DISCHARGE LINE UP TO STANDPIPE.
 - ⑩ EXTERIOR CLEANOUT.
 - ⑪ 3" DOMESTIC WATER SERVICE UP, SEE DRAWING P3.1 FOR CONTINUATION OF PIPING.
 - ⑫ 6" FIRE SERVICE UP - SEE DRAWING FP3.1 FOR CONTINUATION OF PIPING.
 - ⑬ 4" FIRE LINE UP INTO CHASE.
 - ⑭ 6" HIGH CONCRETE CURB AND DRYWALL BARRIER. ALL AREAS BELOW RAISED FLOOR SHALL BE MADE AIR-TIGHT.

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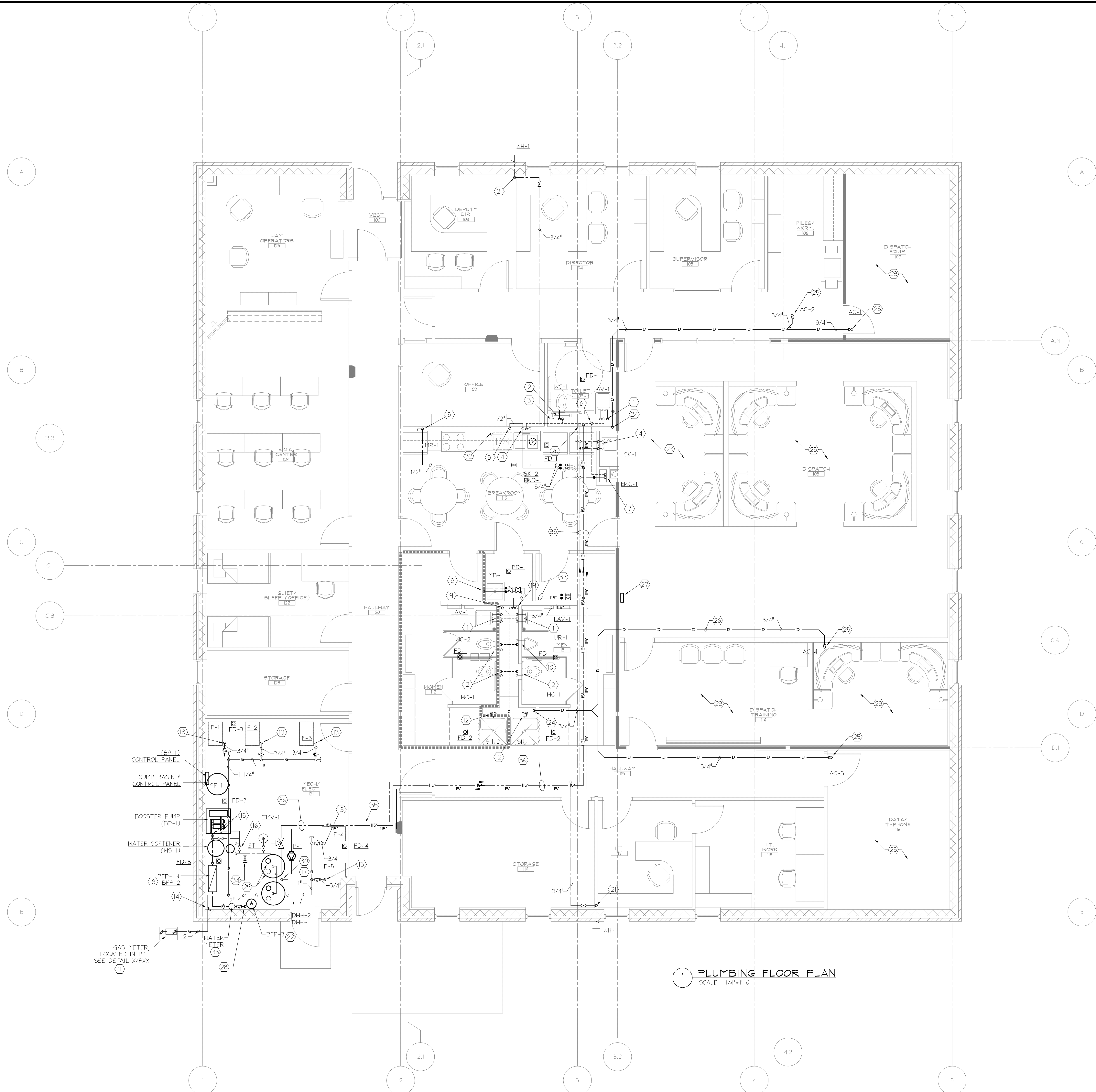
date	revision	sym

scale: 1/4" = 1'-0"
 0 4' 8'
 GRAPHIC SCALE

Job#	210-0651
contract#	
designer	DXB
drawn	NJK
checked	SFL
date	

PLUMBING FOUNDATION PLAN
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CENTRAL COMMUNICATIONS CENTER
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1 PLUMBING FOUNDATION PLAN
 SCALE: 1/4"=1'-0"



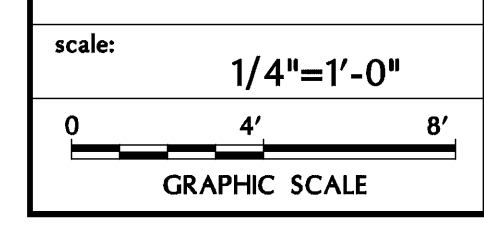
KEYED NOTES	
1	1/2" H/CW DN, 1-1/2" WASTE DOWN, 1-1/2" VENT UP FROM LAVATORY.
2	1" CW DN, 4" WASTE DOWN, 2" VENT UP FROM WATER CLOSET.
3	3" MAIN VENT UP FROM BELOW.
4	1/2" H/CW DN, 1-1/2" WASTE DOWN, 1-1/2" VENT UP FROM SINK.
5	1/2" CW DOWN IN WALL TO ICE MAKER BOX.
6	3" VENT UP, 4" VTR.
7	1/2" H/CW DN, 1-1/2" WASTE DOWN, 1-1/4" VENT UP FROM WATER COOLER.
8	3/4" H/CW DOWN, 3" WASTE DOWN, SEE DETAIL X/PXXX.
9	2" VENT UP FROM BELOW.
10	3/4" CW DOWN, 2" WASTE DOWN, 1-1/2" VENT UP FROM URINAL.
11	GAS METER, TOTAL CONNECTED LOAD = 900 MIB.
12	3/4" H/CW DOWN TO SHOWER VALVE.
13	3/4" GAS LINE DOWN TO FURNACE, INSTALL WITH SHUT-OFF AND 6" DIRT-LEG.
14	2 GAS DOWN, INSTALL SHUT-OFF VALVE AT = 5'-0" AFF.
15	3" CW DOWN, 3" CW UP FROM BOOSTER PUMP, SEE DETAIL X/PXXX.
16	2" CW DOWN, 2" CW UP FROM WATER SOFTENER, SEE DETAIL X/PXXX.
17	DOMESTIC WATER HEATERS, SEE DETAIL X/PXX.
18	BACKFLOW PREVENTORS, SEE DETAIL X/PXXX.
19	2" CW DOWN, 3/4" HW DOWN, 3/4" HWR DOWN IN CHASE, SEE DETAIL X/PXXX.
20	1-1/2" CW DOWN, 3/4" HW DOWN, 3/4" HWR DOWN IN CHASE, SEE DETAIL X/PXXX.
21	3/4" CW DOWN IN INTERIOR WALL, CONNECT TO WALL HYDRANT.
22	2-1/2" FIRE SERVICE, DETECTOR BACKFLOW PREVENTER, SEE DRAWING FP-XXX.
23	NO WATER PIPING TO BE INSTALL ABOVE THIS AREA.
24	3/4" CONDENSATE DRAIN LINE DOWN, TERMINATE IN AIR-GAP RECEPTOR, SEE DETAIL 4/P6.1.
25	3/4" CONDENSATE DRAIN CONNECTION WITH P-TRAP.
26	CONDENSATE DRAIN LINE SHALL NOT BE INSTALL OVER ANY ELECTRONIC / ELECTRICAL EQUIPMENT.
27	WATER ALERT MONITOR, (WA-1) WALL MOUNTED.
28	2-1/2" DOMESTIC WATER SERVICE, SEE DRAWING P3.0 FOR CONTINUATION.
29	DIRECT-VENT SYSTEM, 3" INTAKE, 3" EXHAUST FLUES UP THRU ROOF. TYPICAL OF BOTH WATER HEATERS.
30	1 1/2" GAS LINE DOWN TO SERVE WATER HEATERS.
31	1/2" HW IN WALL, CONNECT TO UNDERCOUNTER DISHWASHER.
32	DISHWASHER DRAIN SHALL DISCHARGE INTO SINK WASTE, INSTALL DRAIN FITTING.
33	DOMESTIC WATER METER, FURNISHED AND INSTALLED BY THE PLUMBING CONTRACTOR. RATE OF FLOW = XXX GPM.
34	2" COLD WATER, STUB-OUT AND CAP FOR FUTURE CONNECTION.
35	COORDINATE ROUTES OF DOMESTIC WATER PIPING WITH ALL ELECTRICAL PANELS.
36	2" CW, 1-1/4" HW, 1" HWR
37	2" CW, 1" HW
38	2" CW, 1" HW, 3/4" HWR

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

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date	revision

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



job#	contract#	design#	drawn	checked	date
210-0631		DKB	NJK	SDL	

PLUMBING FLOOR PLAN
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19
P3.1

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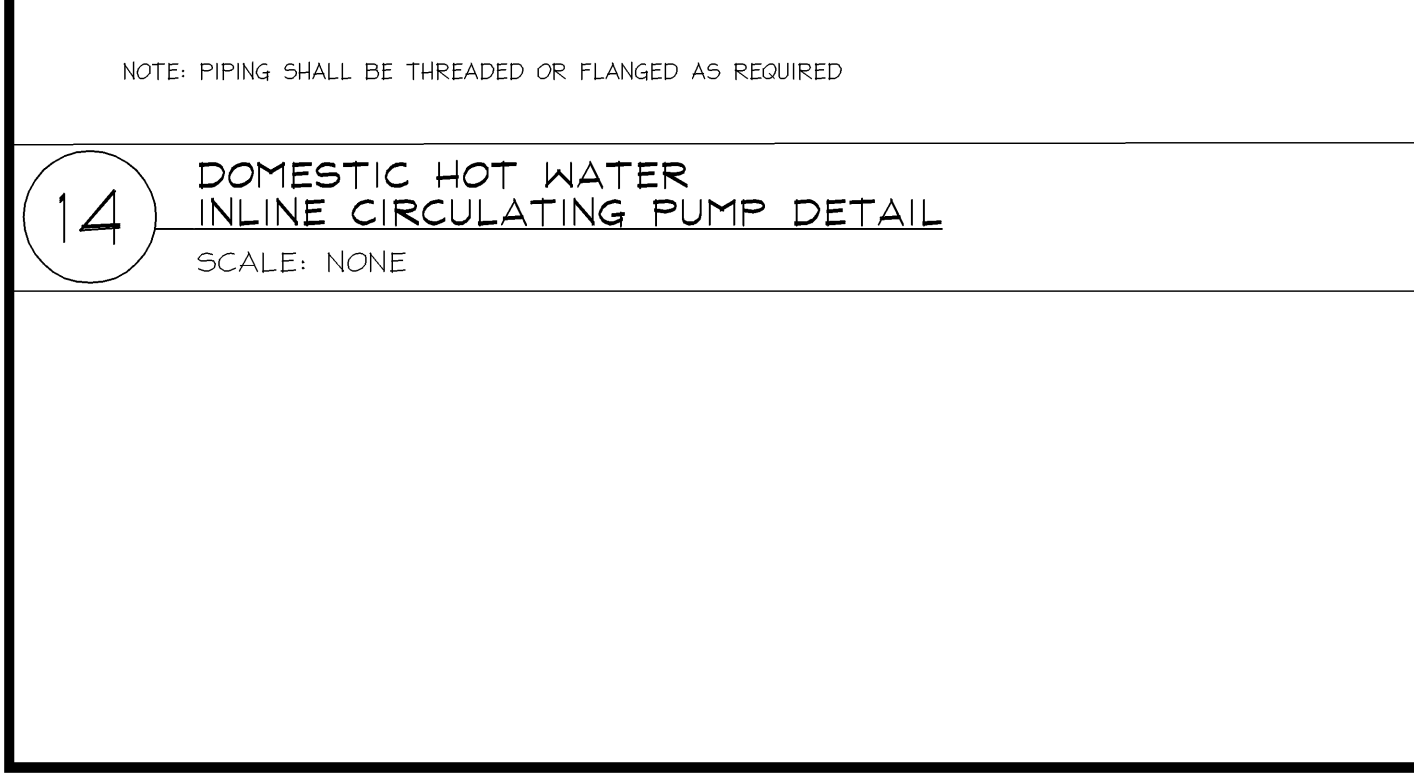
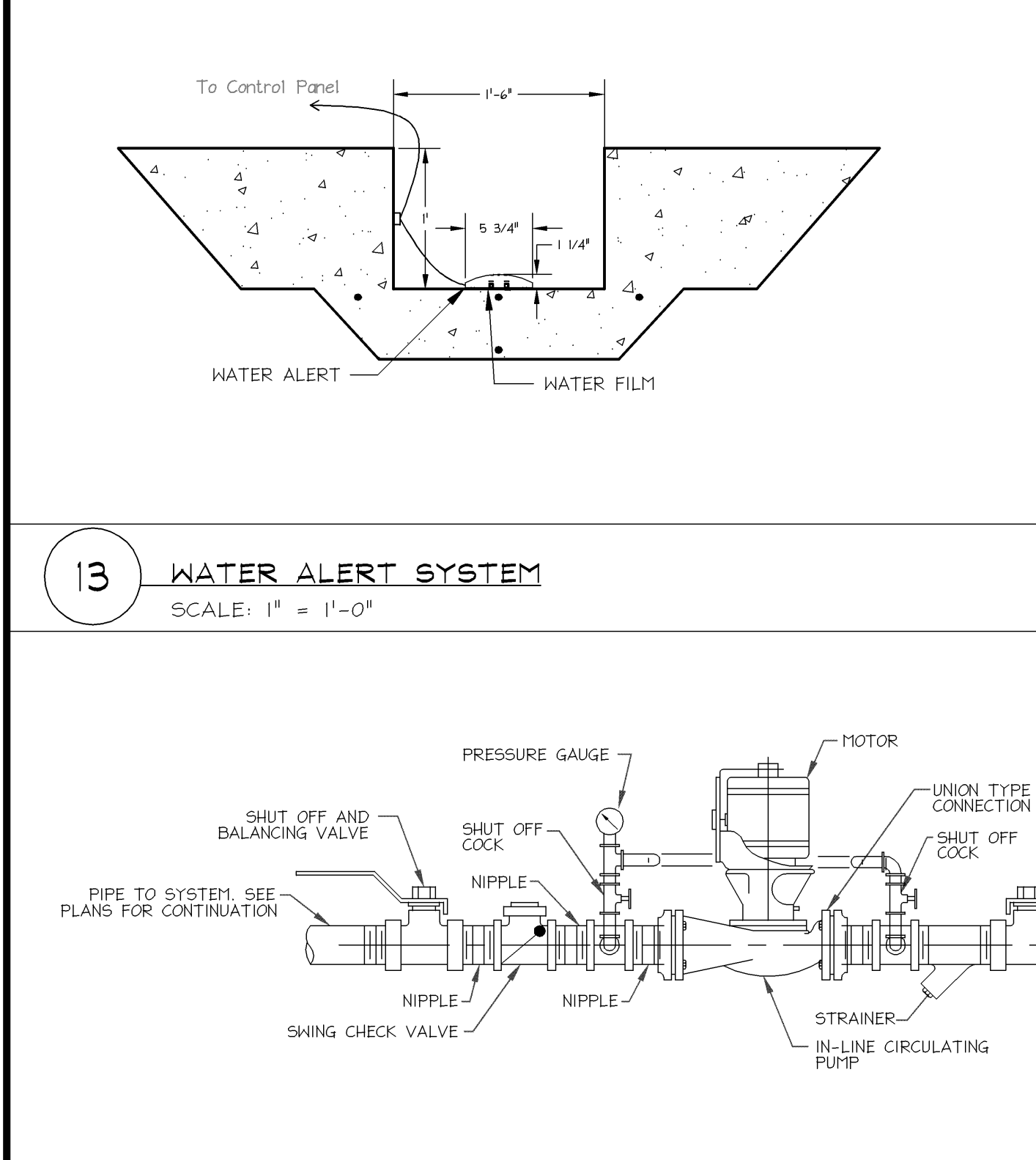
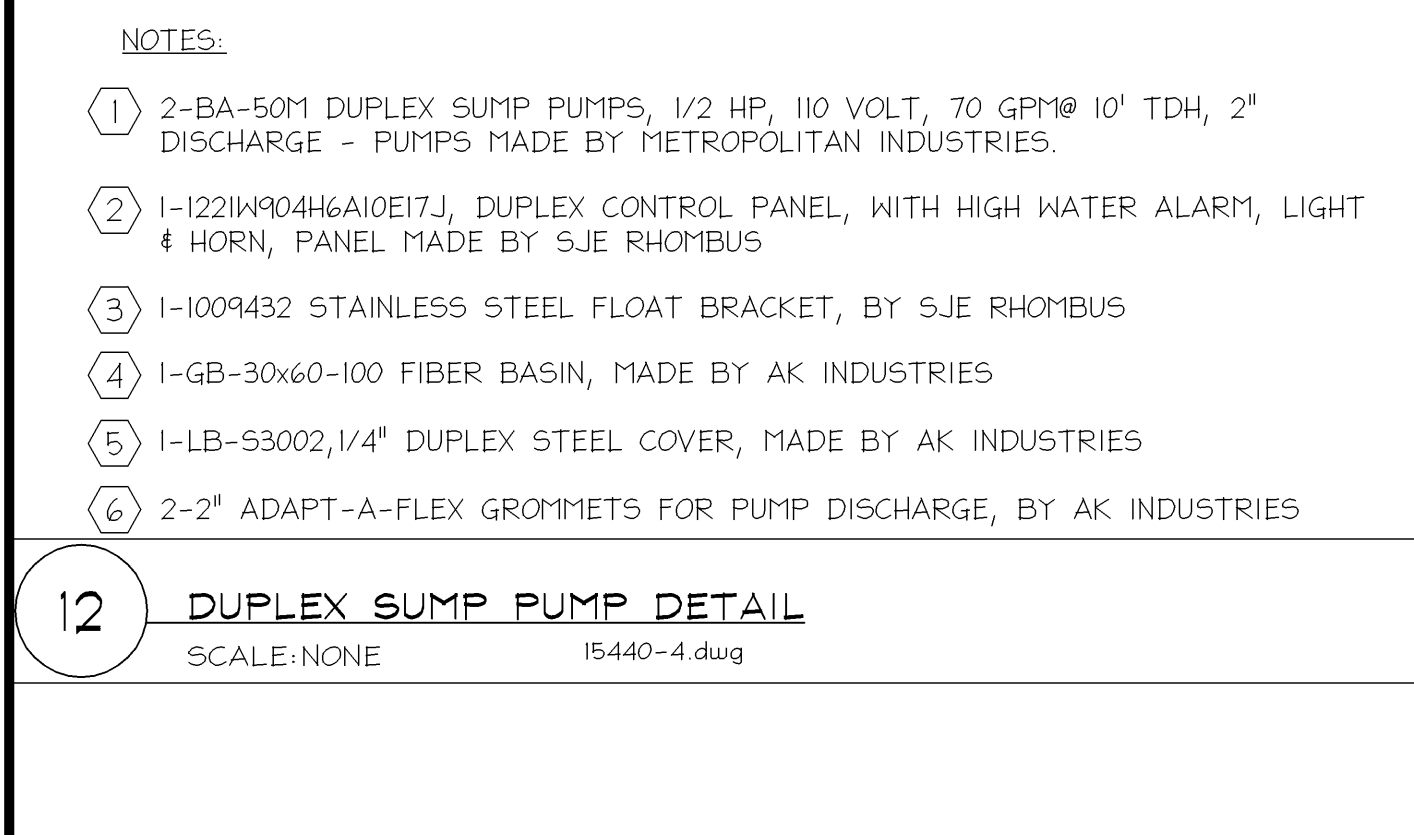
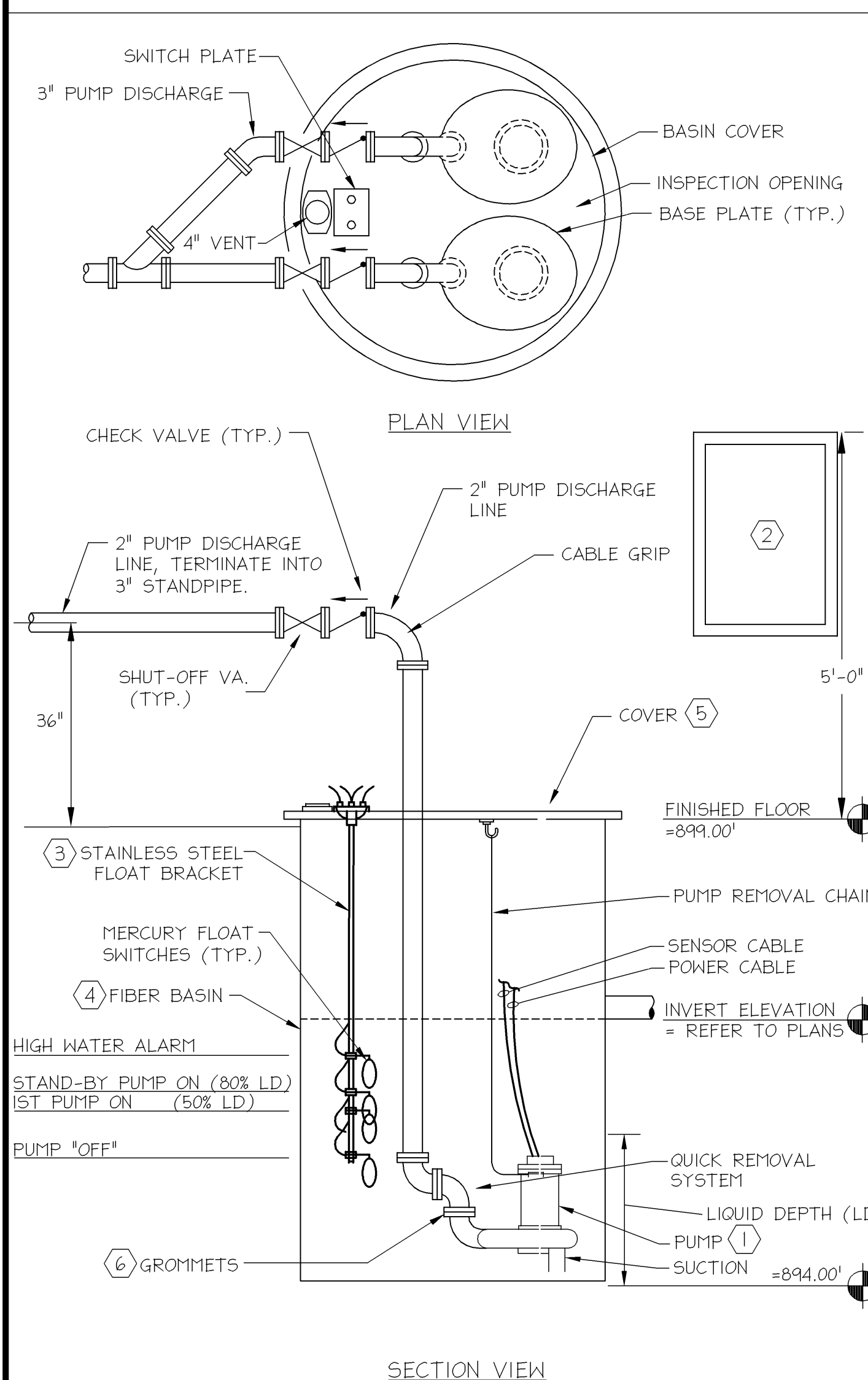
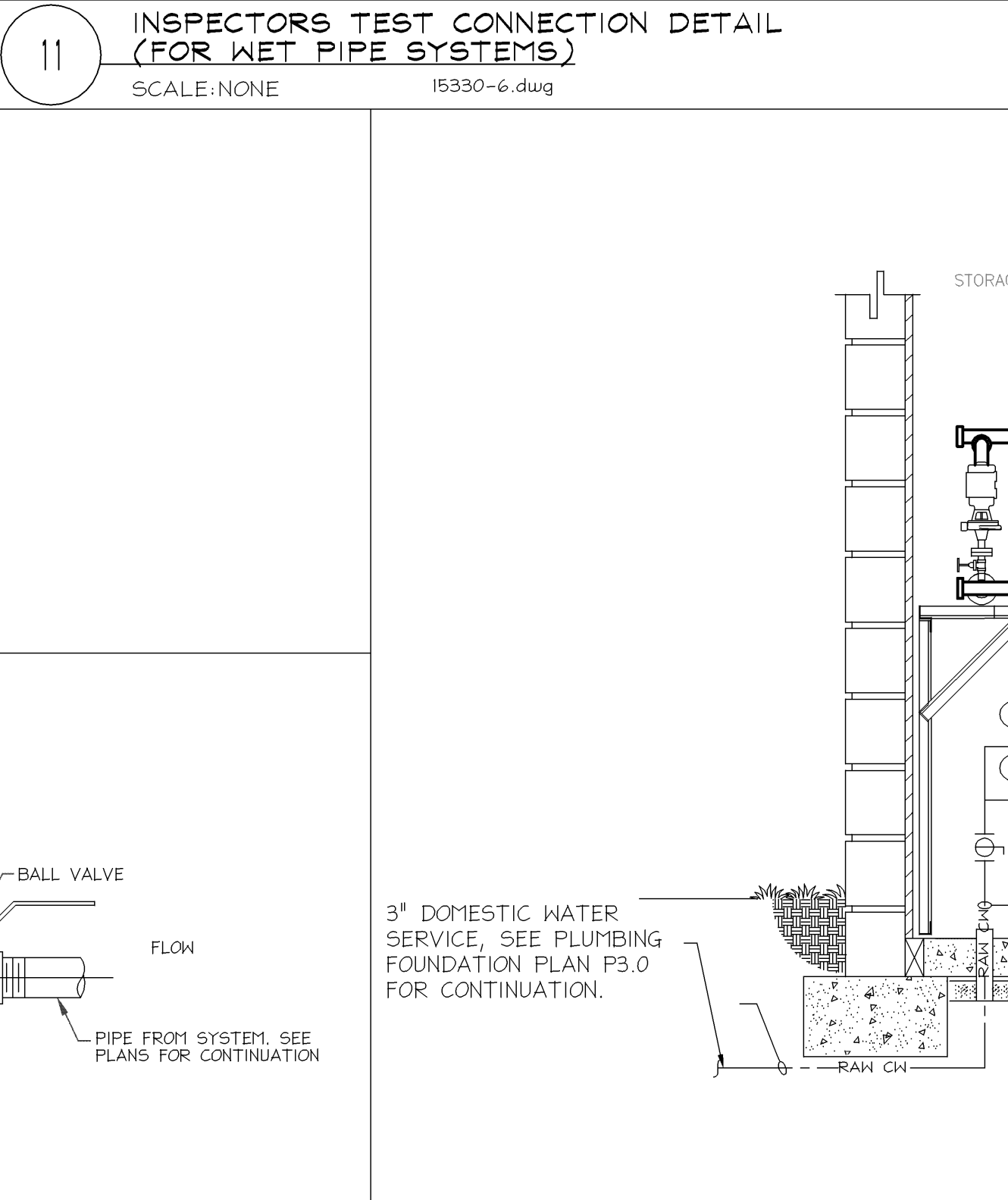
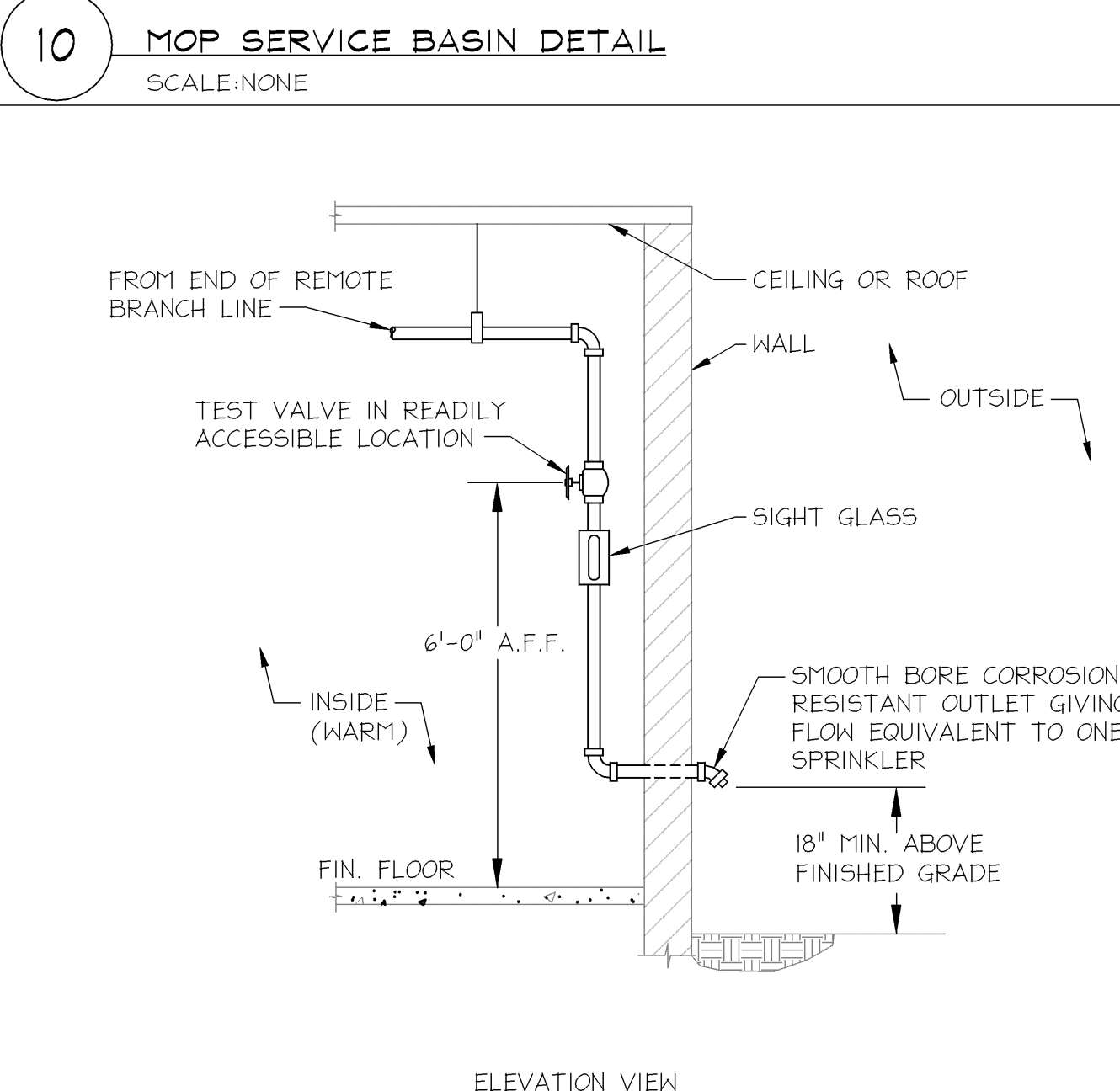
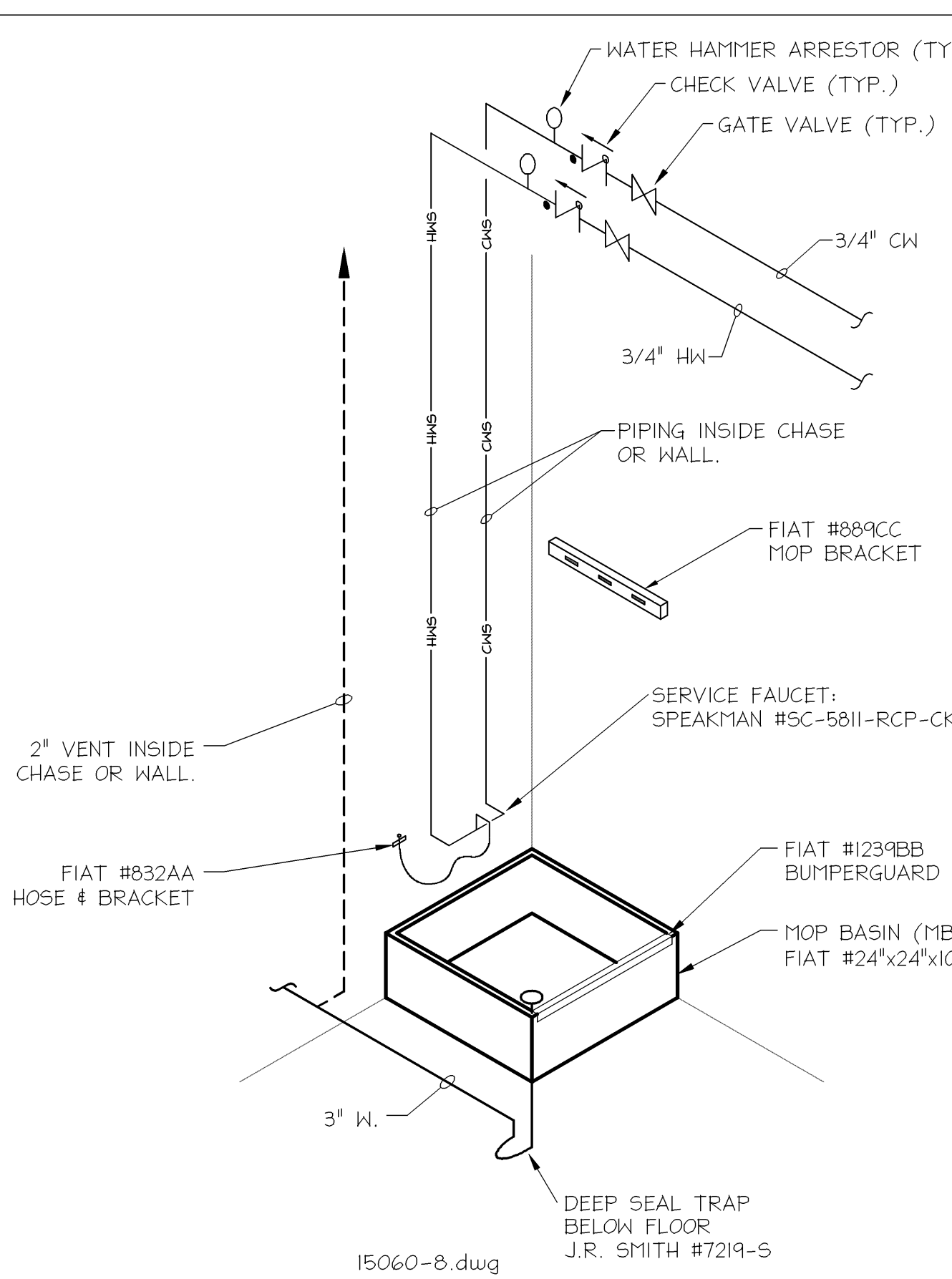
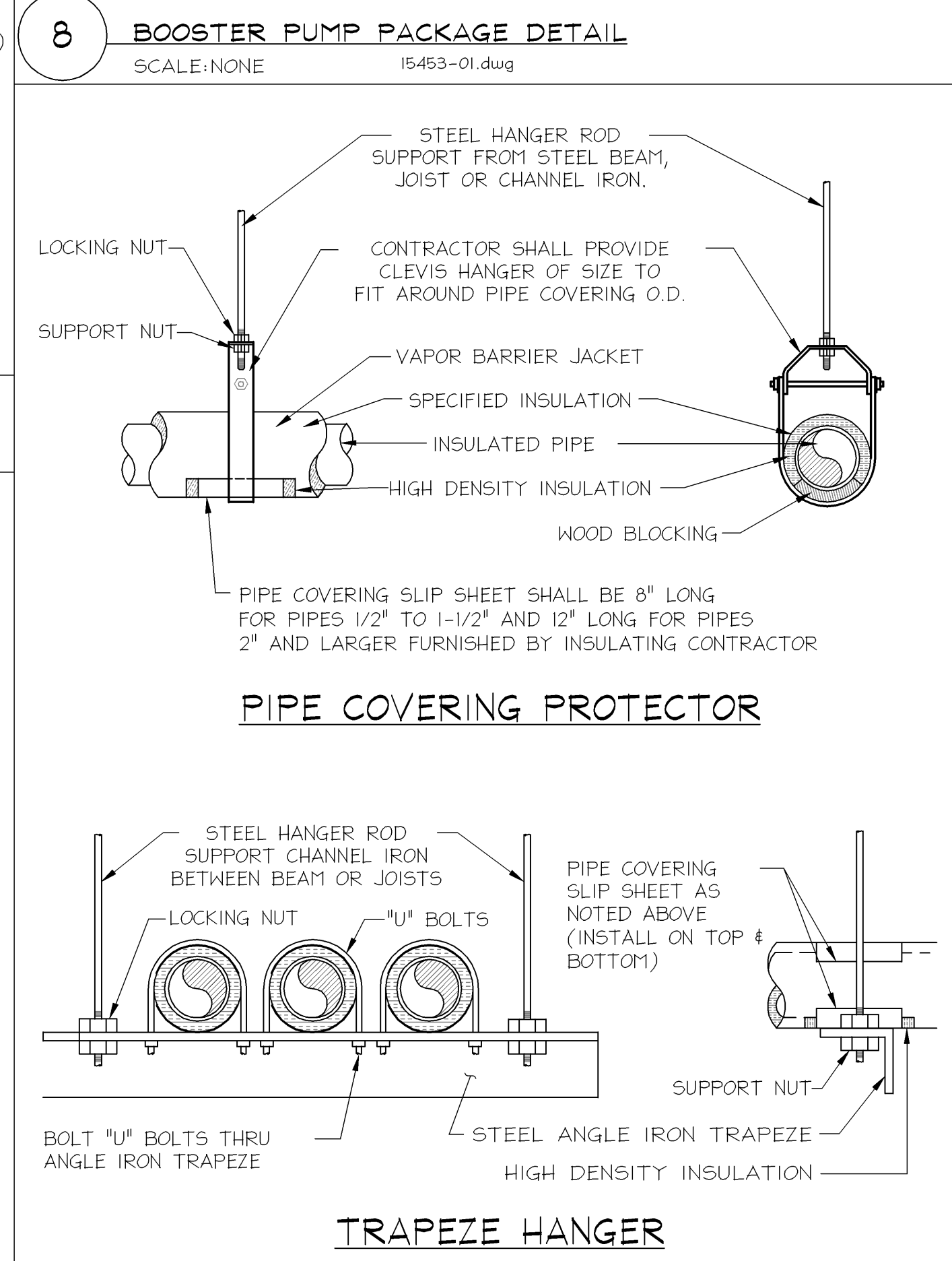
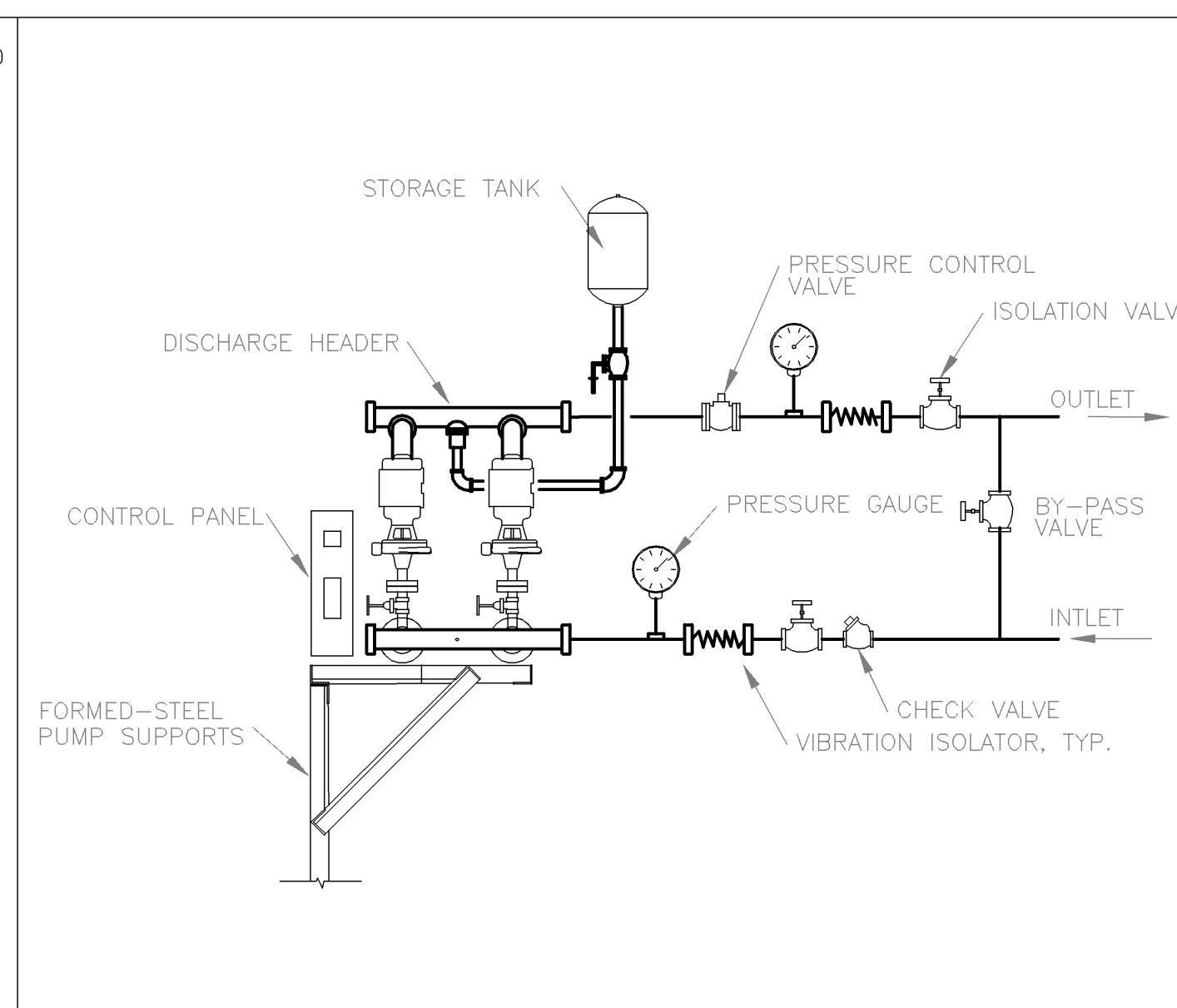
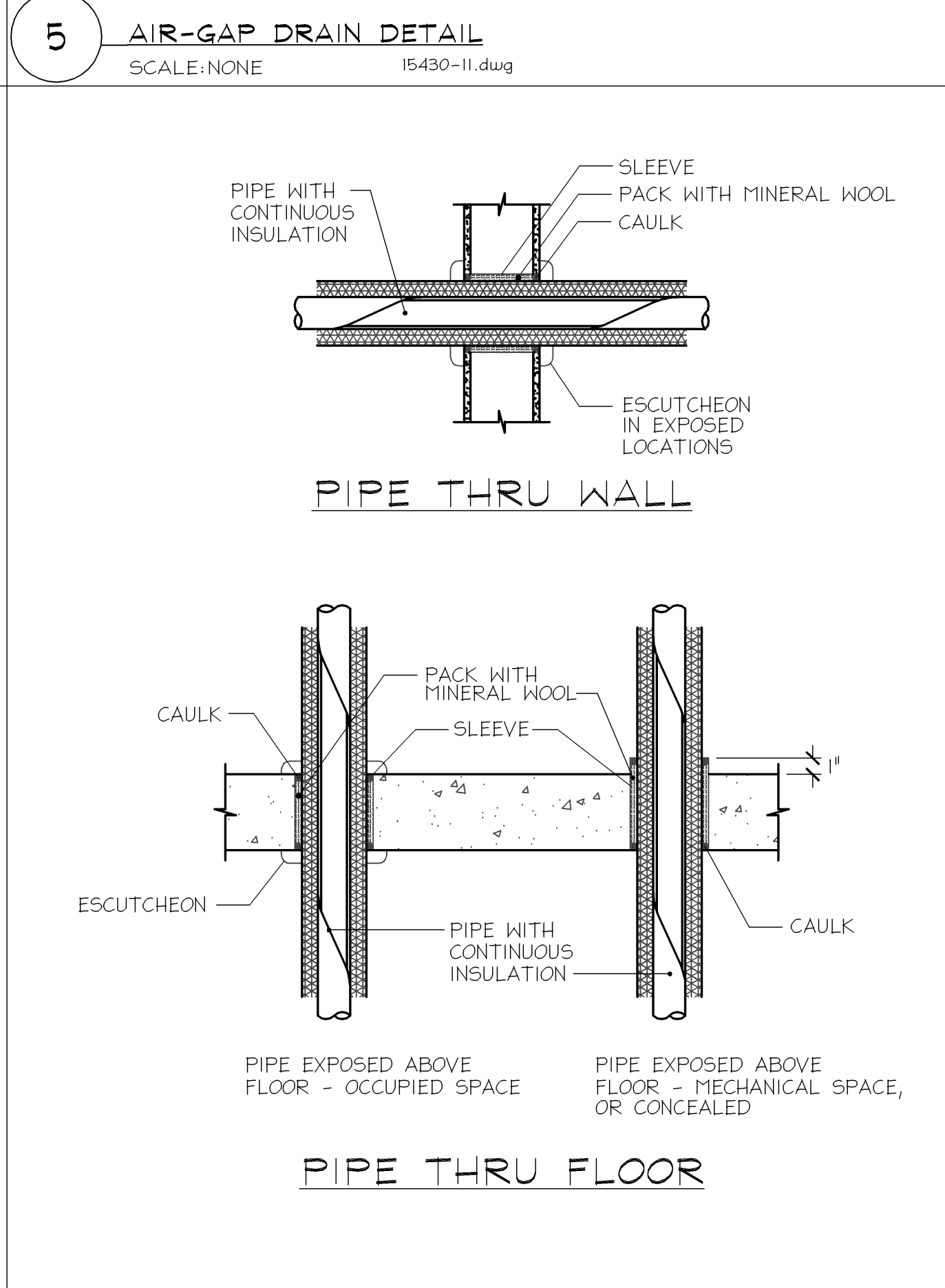
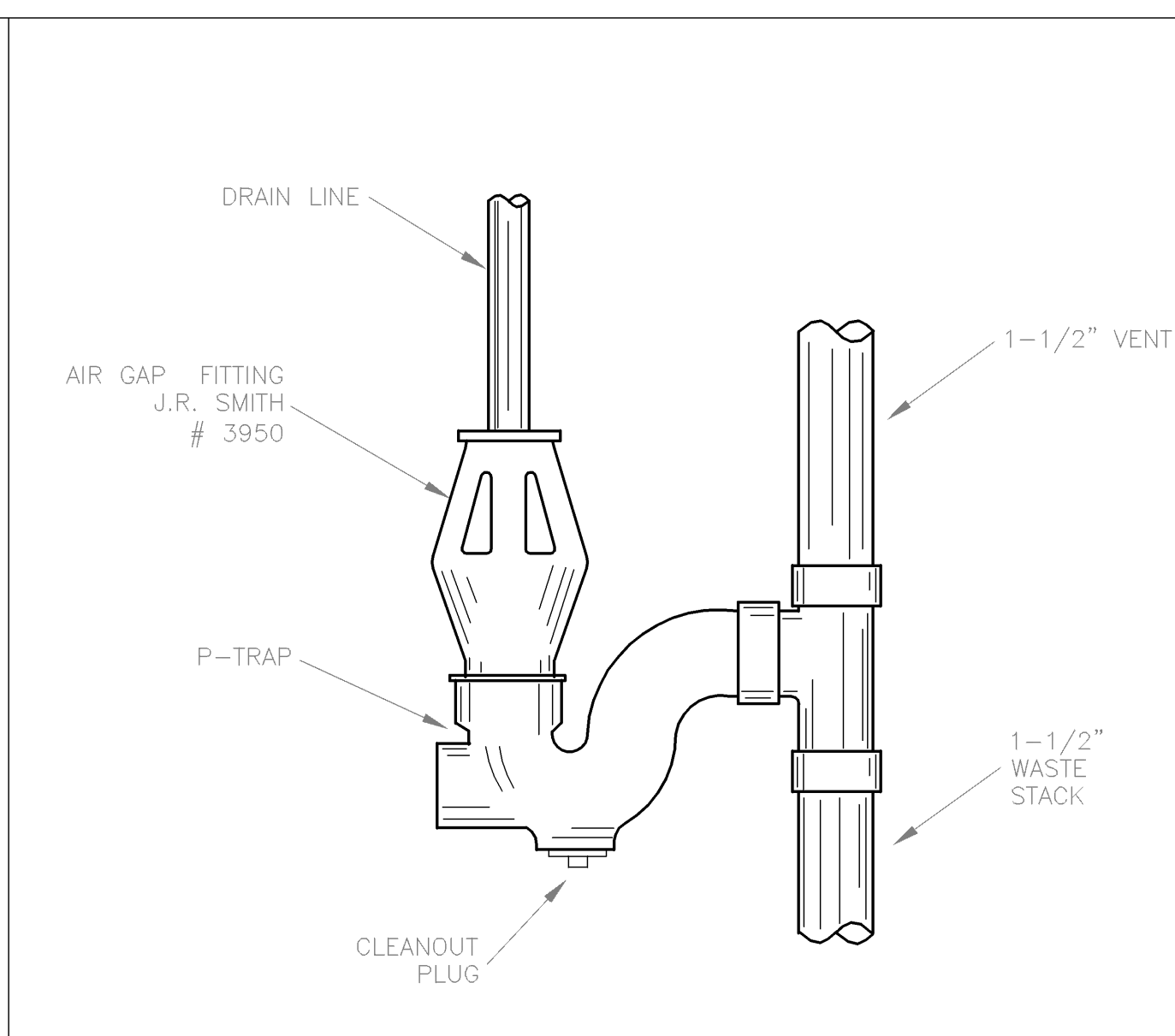
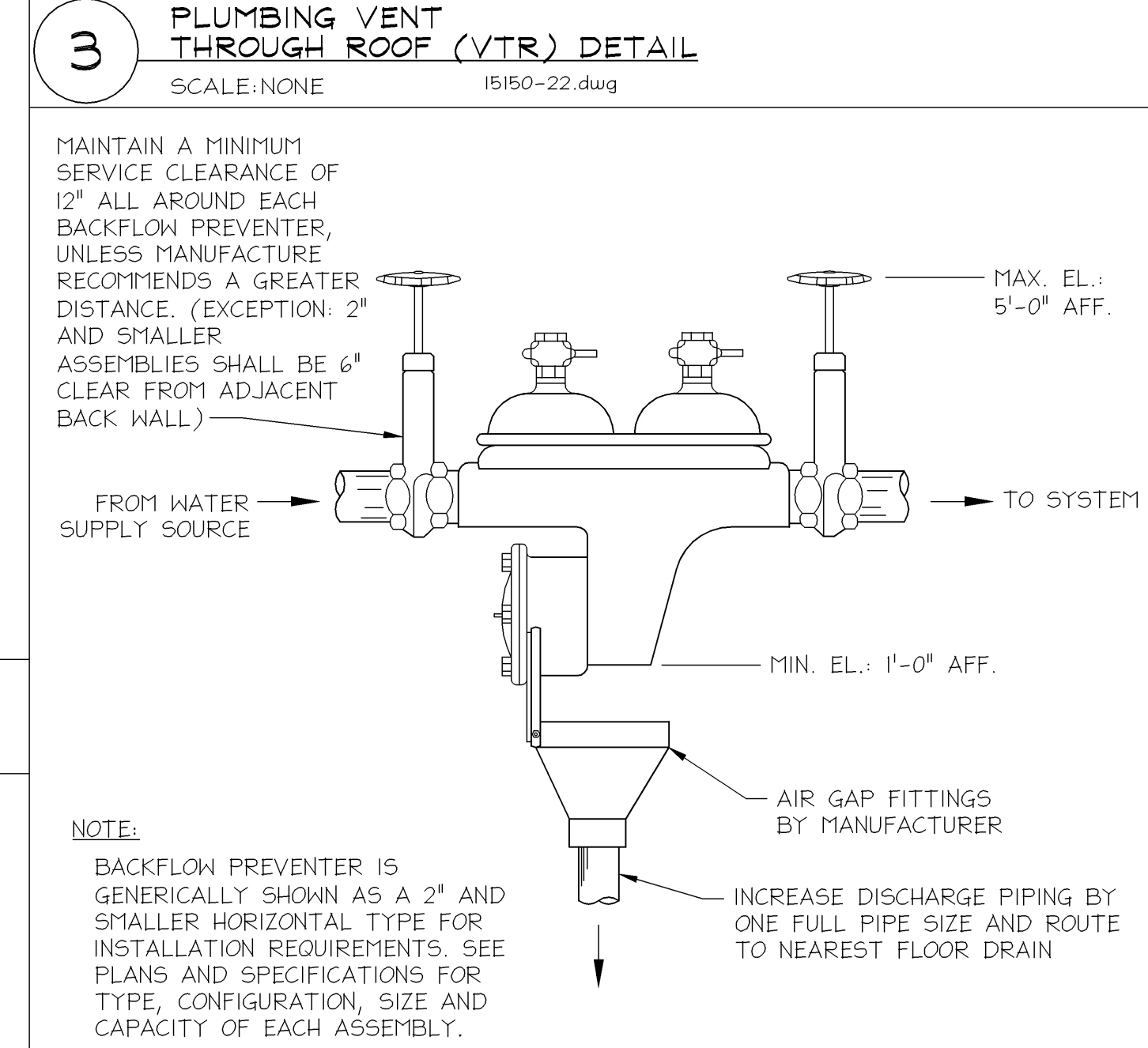
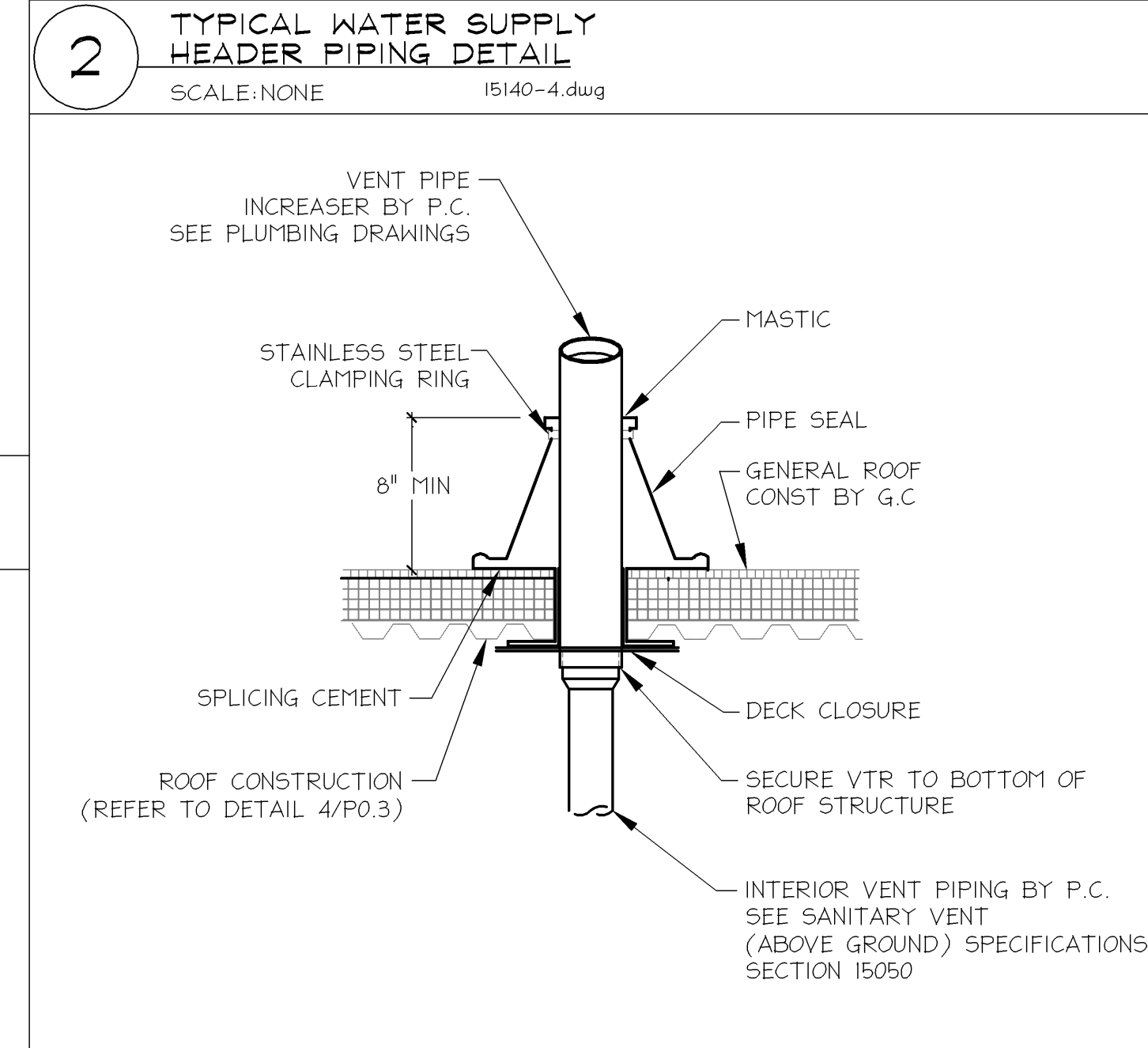
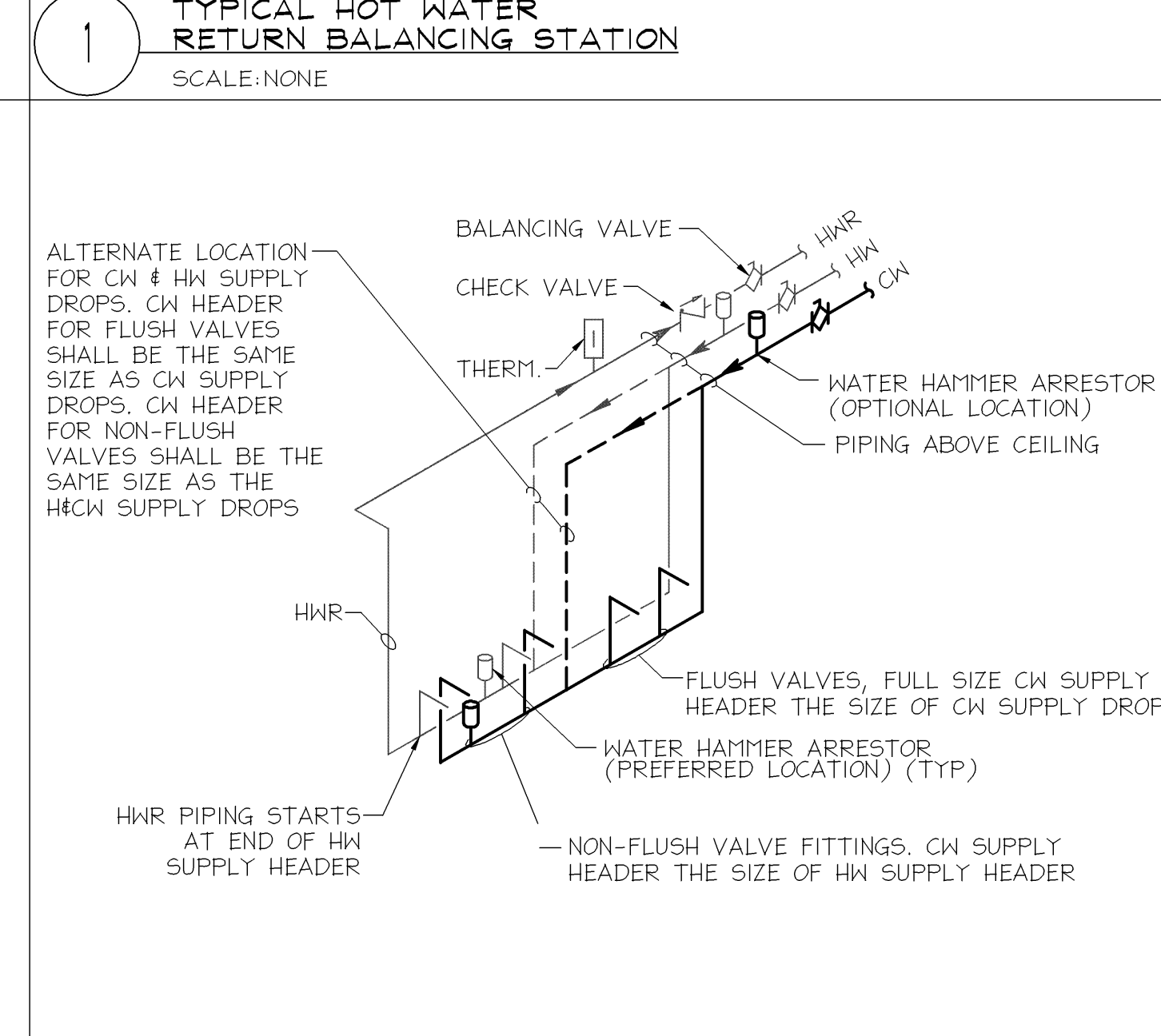
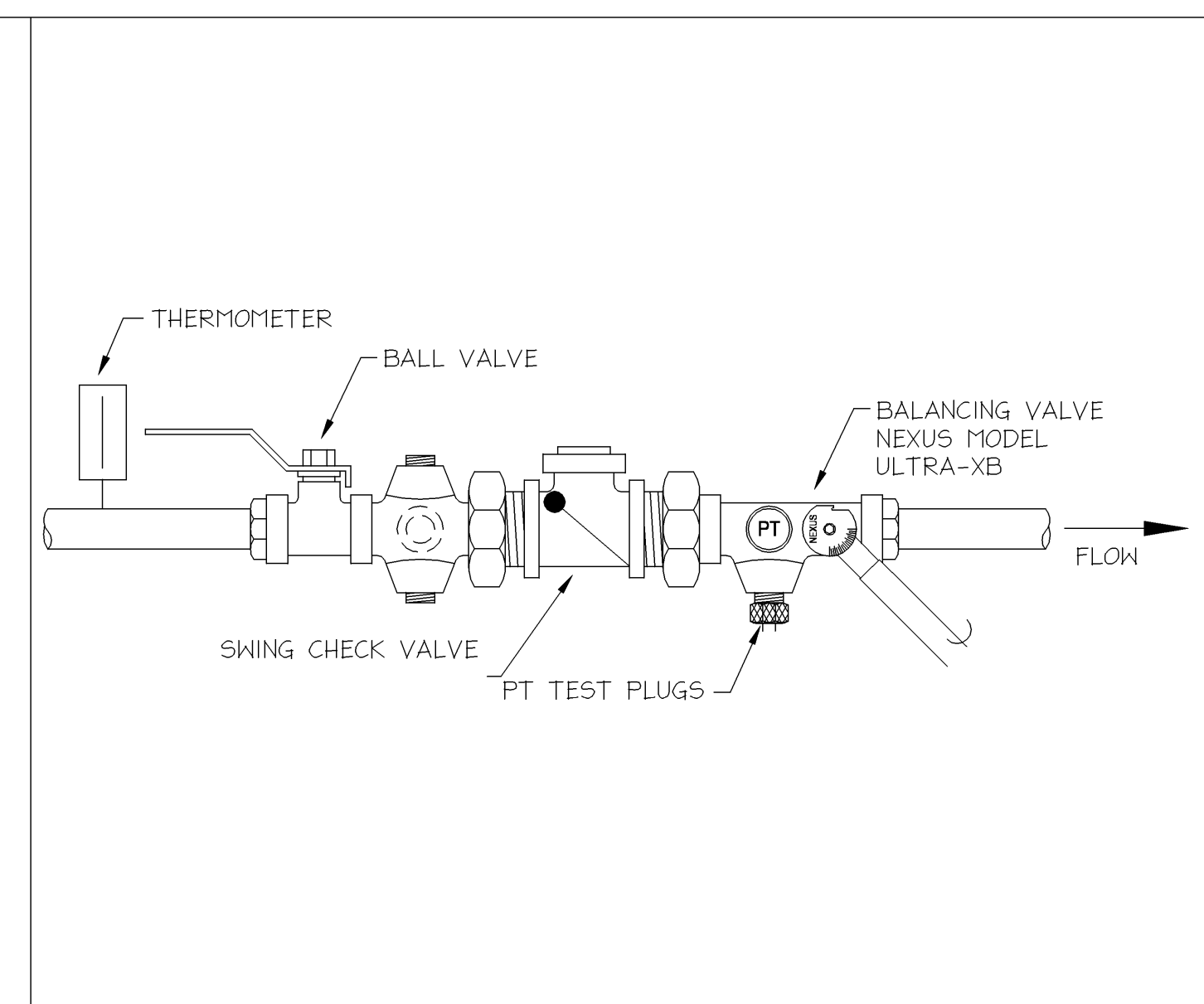
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contract#	
design#	DKB
drawn#	NJK
checked#	SKL
date	

PLUMBING DETAILS
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 CENTRAL COMMUNICATIONS CENTER**
 AUBURN, IN
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scale: **NTS**

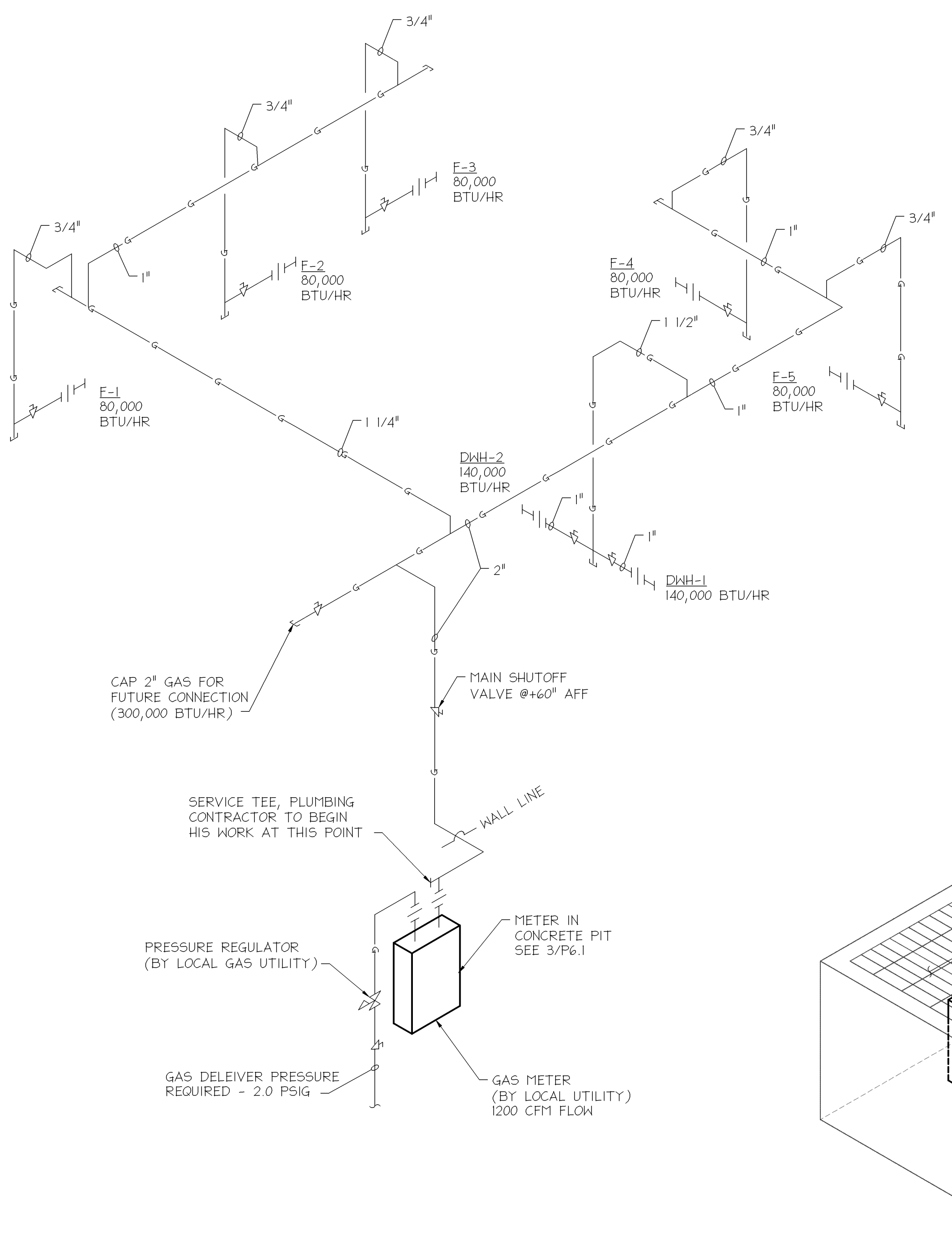
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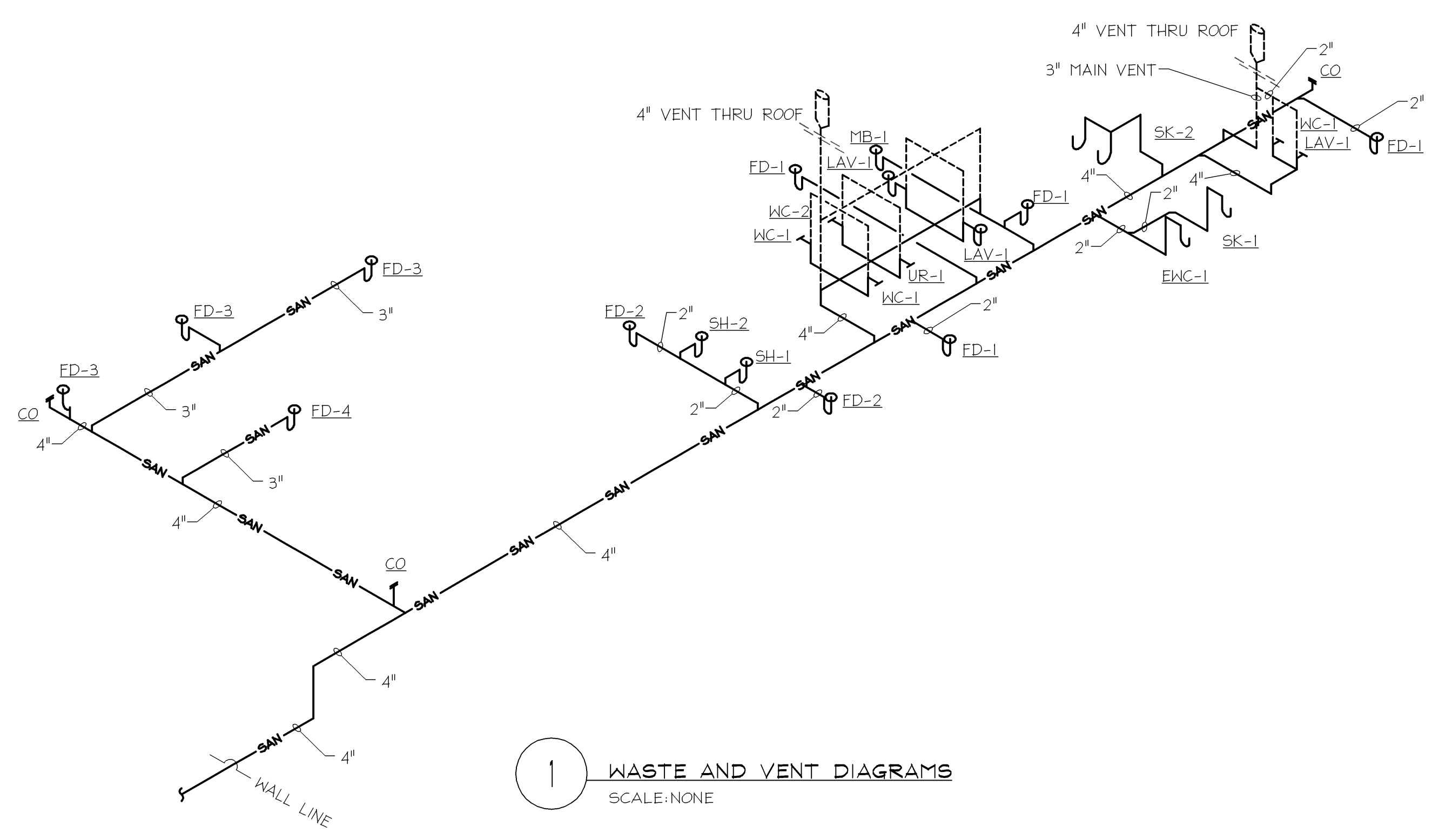
PLUMBING DIAGRAMS
DEKALB COUNTY
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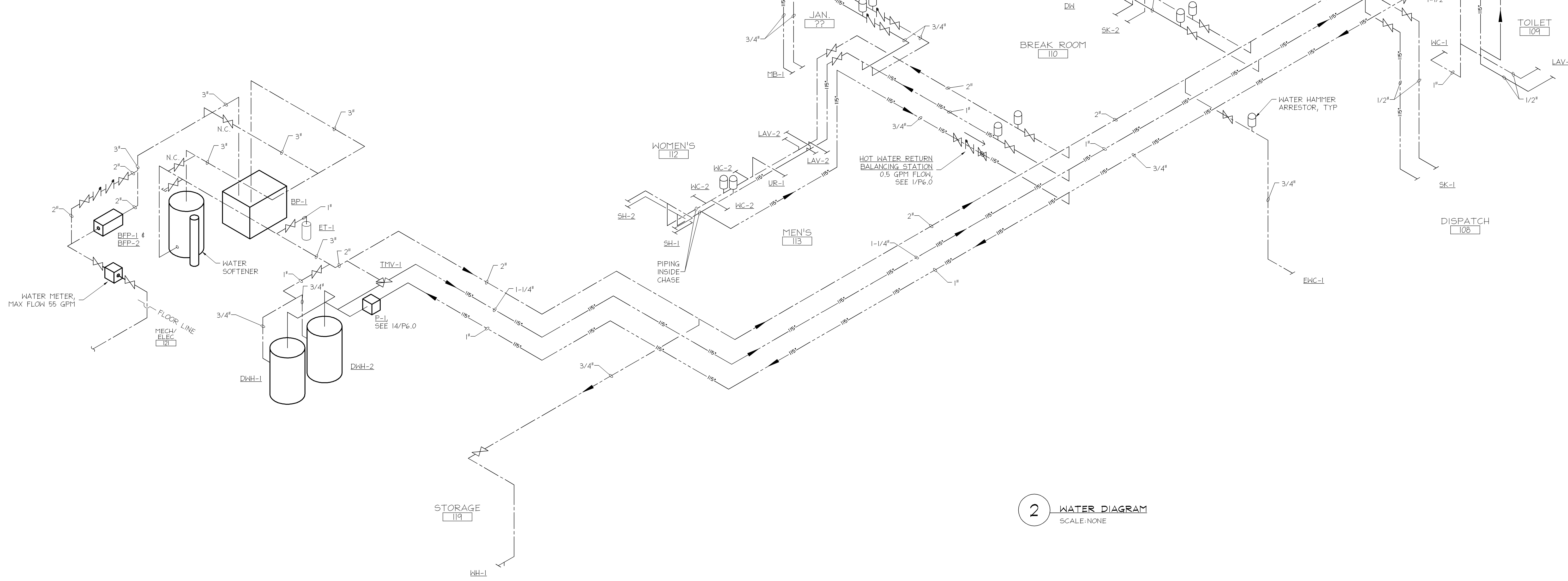


4 GAS PIPING DIAGRAM
SCALE: NONE

3 GAS PIT DETAIL
SCALE: NONE



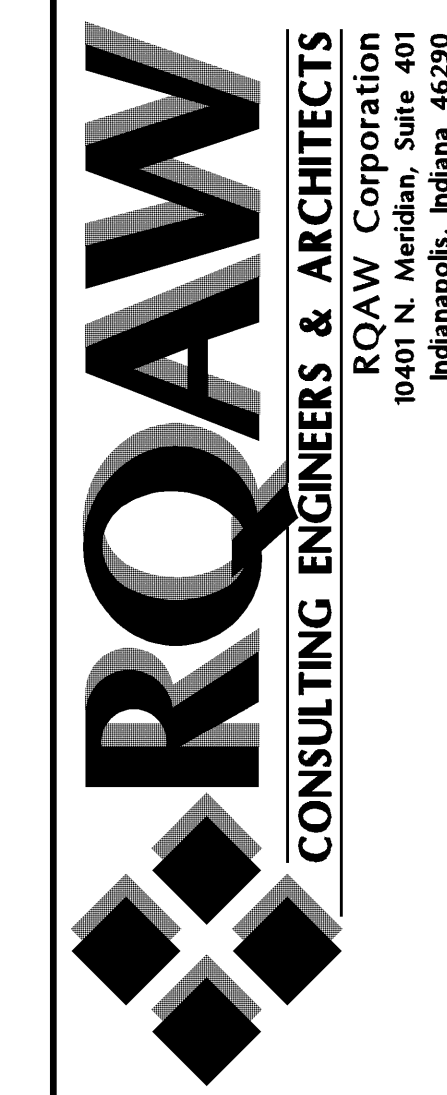
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2 WATER DIAGRAM
SCALE: NONE

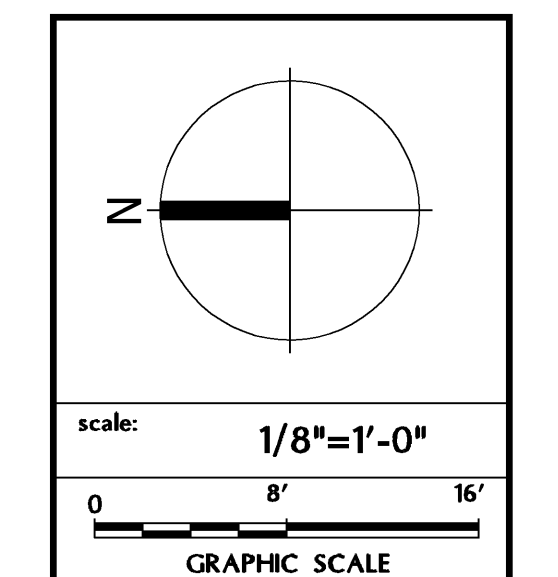
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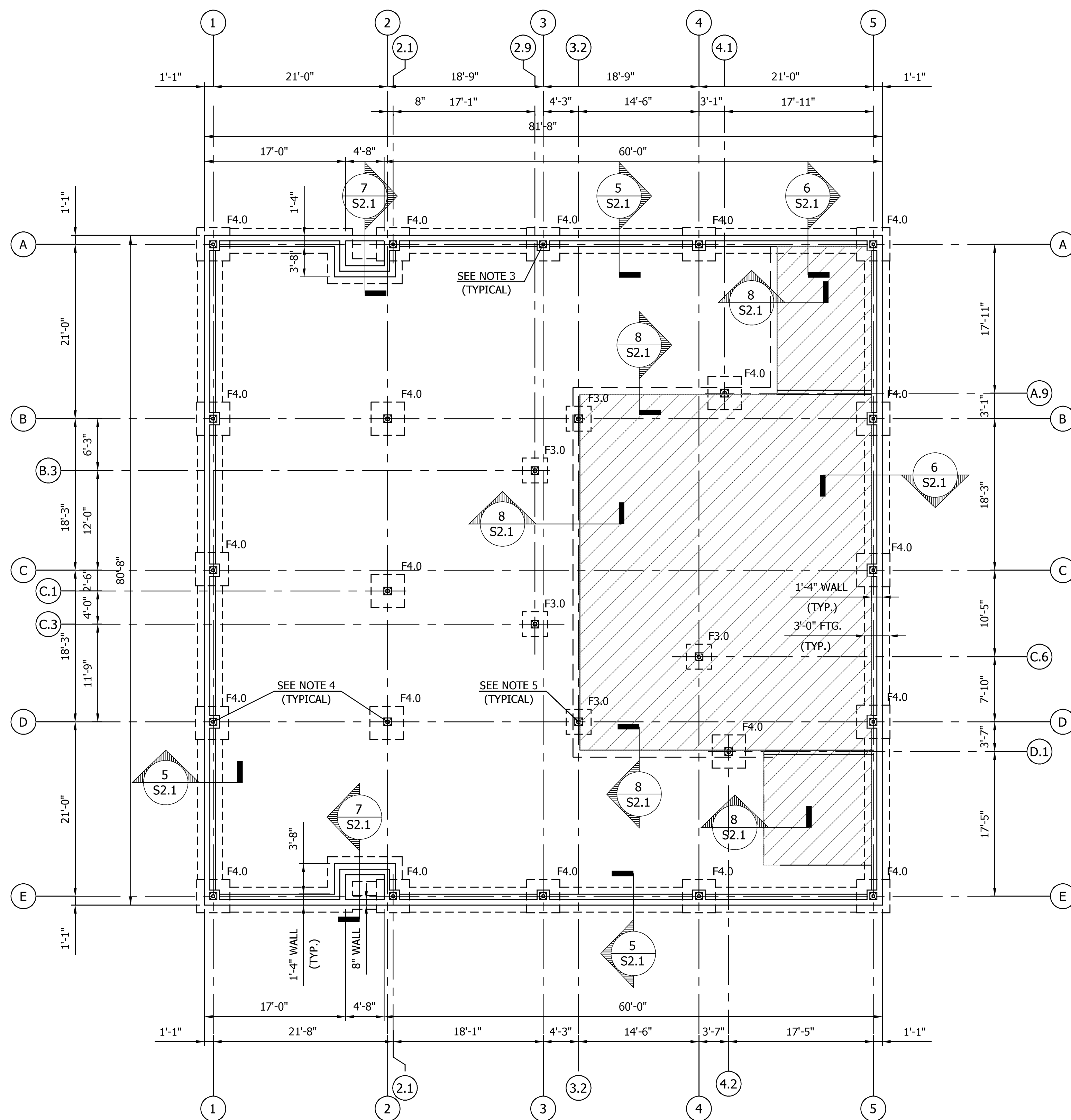
REV.	DATE	BY	REVISION



JOB#	CONTRACT#	DESIGNED	RD/	DRAWN	CHECKED	DATE
20-052.1						

FOUNDATION PLAN AND PRELIMINARY DETAILS
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SHEET
S2.1



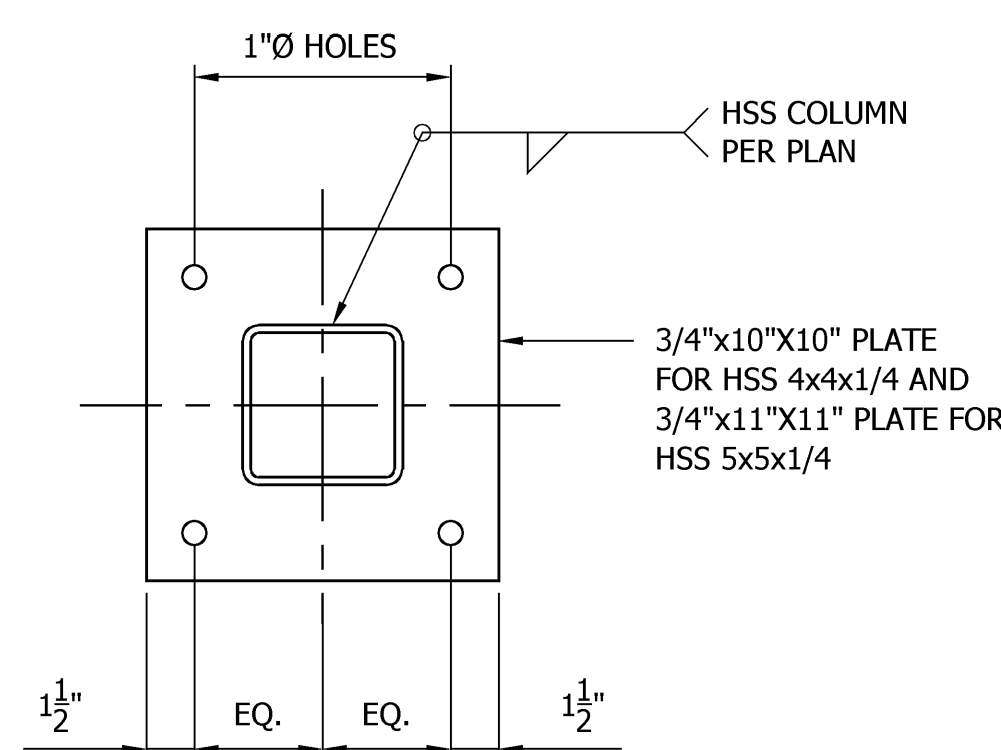
FOUNDATION PLAN
 SCALE: 1/8" = 1'-0"

PLAN NOTES:

1. THE SLAB ON GRADE SHALL BE 4" THICK WITH 6x6-W2.1xW2.1 W.W.F. OVER VAPOR RETARDER AND MINIMUM 6" COMPACTED DRAINAGE FILL TOP OF SLAB SHALL BE AT ELEVATION 899.00 USGS = (0'-0") WITH THE EXCEPTION OF THE HATCHED AREA. THE SLAB AT THE HATCH AREA SHALL BE AT ELEVATION (-1'-6").
2. TOP OF ALL COLUMN FOOTING AND WALL FOOTING ALONG THE EXTERIOR OF INTERIOR WALL SHALL BE AT ELEVATION -(3'-0") TOP OF COLUMN FOOTINGS ALONG LINES 2 AND 3, SHALL BE AT ELEVATION -(0'-8"). TOP OF INTERIOR COLUMN FOOTINGS ALONG LINE 4, 4.1 AND 4.2, SHALL BE AT ELEVATION -(2'-2").
3. AT ALL COLUMNS ALONG EXTERIOR WALLS, PROVIDE 18"x18" PIER WITH 4 #7 VERTICAL (DOWEL) WITH #3 TIES AT 8" O.C. TOP OF PIER SHALL BE AT ELEVATION -(0'-8"). CAST PIER MONOLITHIC WITH THE FOUNDATION WALL.
4. ALL STEEL COLUMNS ALONG LINES 1, 5, A AND E SHALL BE HSS 4x4x1/4 WITH 10"x3/4"x10" BASE PLATE. ALL COLUMNS ALONG LINES A.9, B.3, C.3, C.6, D.1 AND 2 SHALL BE HSS 5x5x1/4 WITH 11"x3/4"x11" BASE PLATE
5. AT COLUMNS ALONG LINES 3, 4.1 AND 4.2, ENCASE COLUMN BASE WITH 4" CONCRETE UP TO ELEVATION (0'-0"). CONTINUE 2 #4 HORIZONTAL BARS (SEE SECTION 8/S2.0).

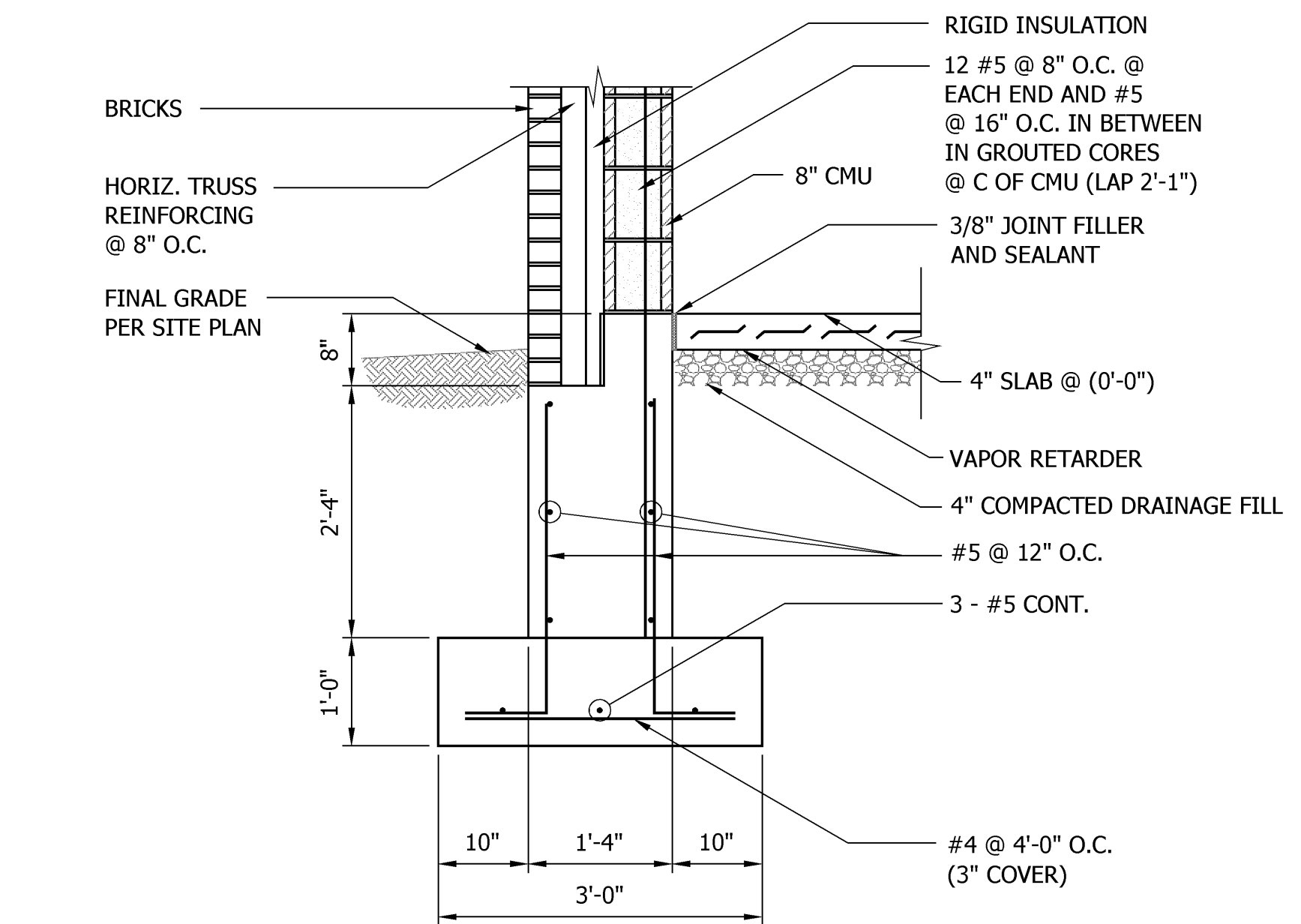
SPREAD FOOTING SCHEDULE

MARK	SIZE	REINFORCING EA. WAY @ BOTTOM	REMARKS
F3.0	3'-0" x 3'-0" x 1'-0"	4 - #5 x 2'-6"	ALLOWABLE SOIL BEARING PRESSURE: 3000 PSF
F4.0	4'-0" x 4'-0" x 1'-0"	4 - #5 x 3'-6"	

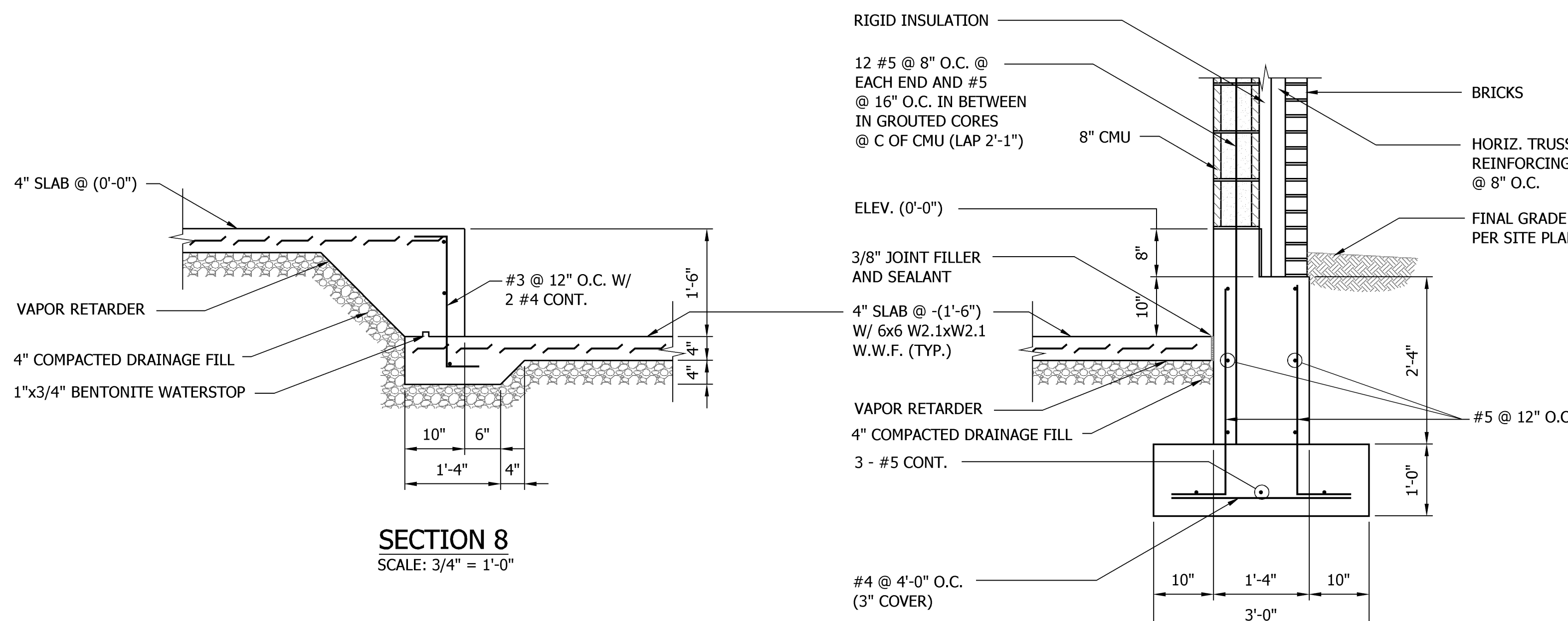


TYPICAL DETAIL OF BASE PLATE
 SCALE: NONE

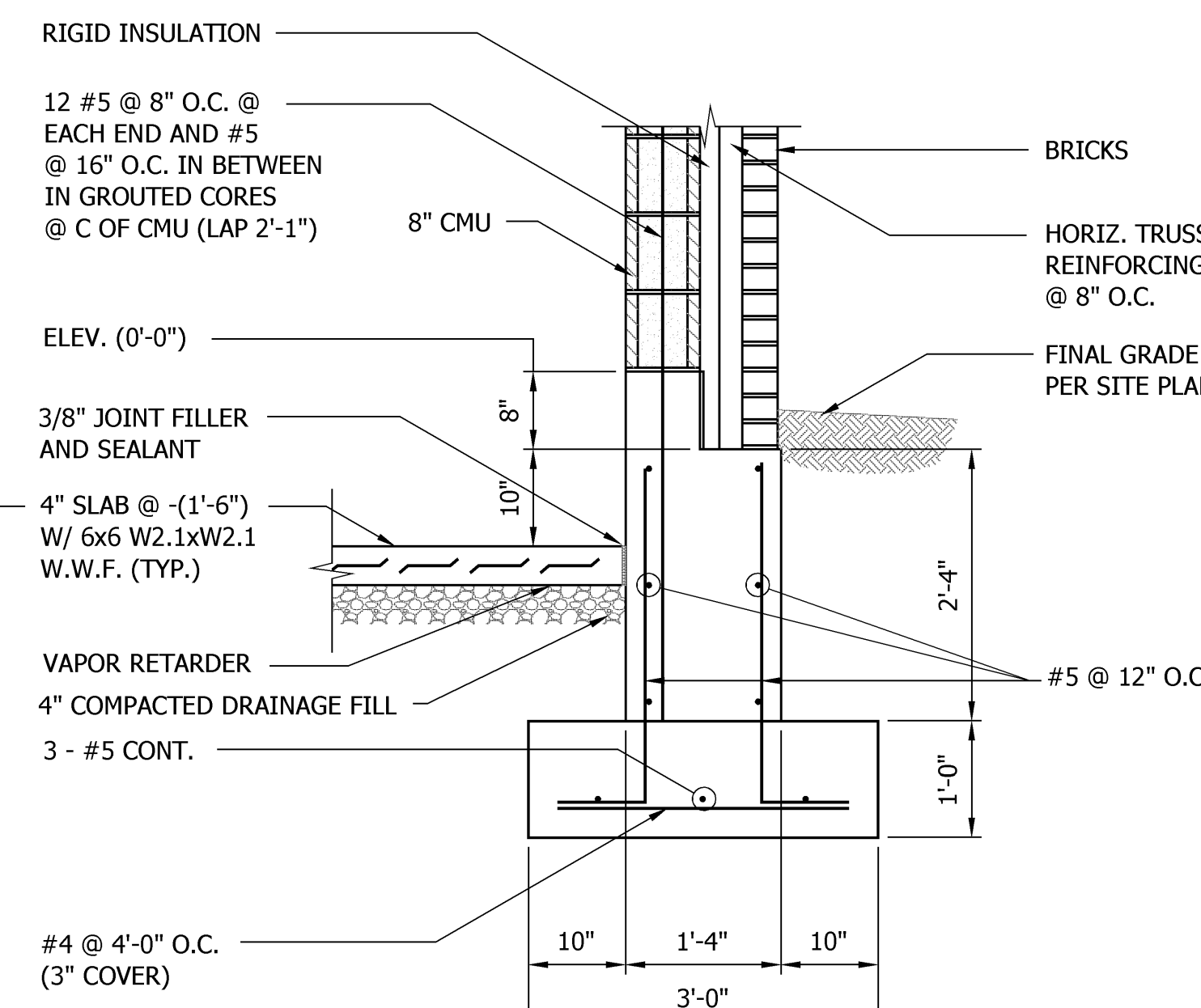
NOTE:
 FOR EACH BASE PLATE, PROVIDE 1/4" THICK LEVELING PLATE WITH MATCHING DIMENSIONS AND HOLES. USE LEVELING PLATE AS A TEMPLATE FOR ANCHOR BOLTS AND THEN SETTING 3/4" NON-SHRINK GROUT ABOVE FOOTING TOP LEVELING PLATE SHALL BE 1 INCH ABOVE TOP OF FOOTING AND DIRECTLY UNDER COLUMN BASE PLATE.



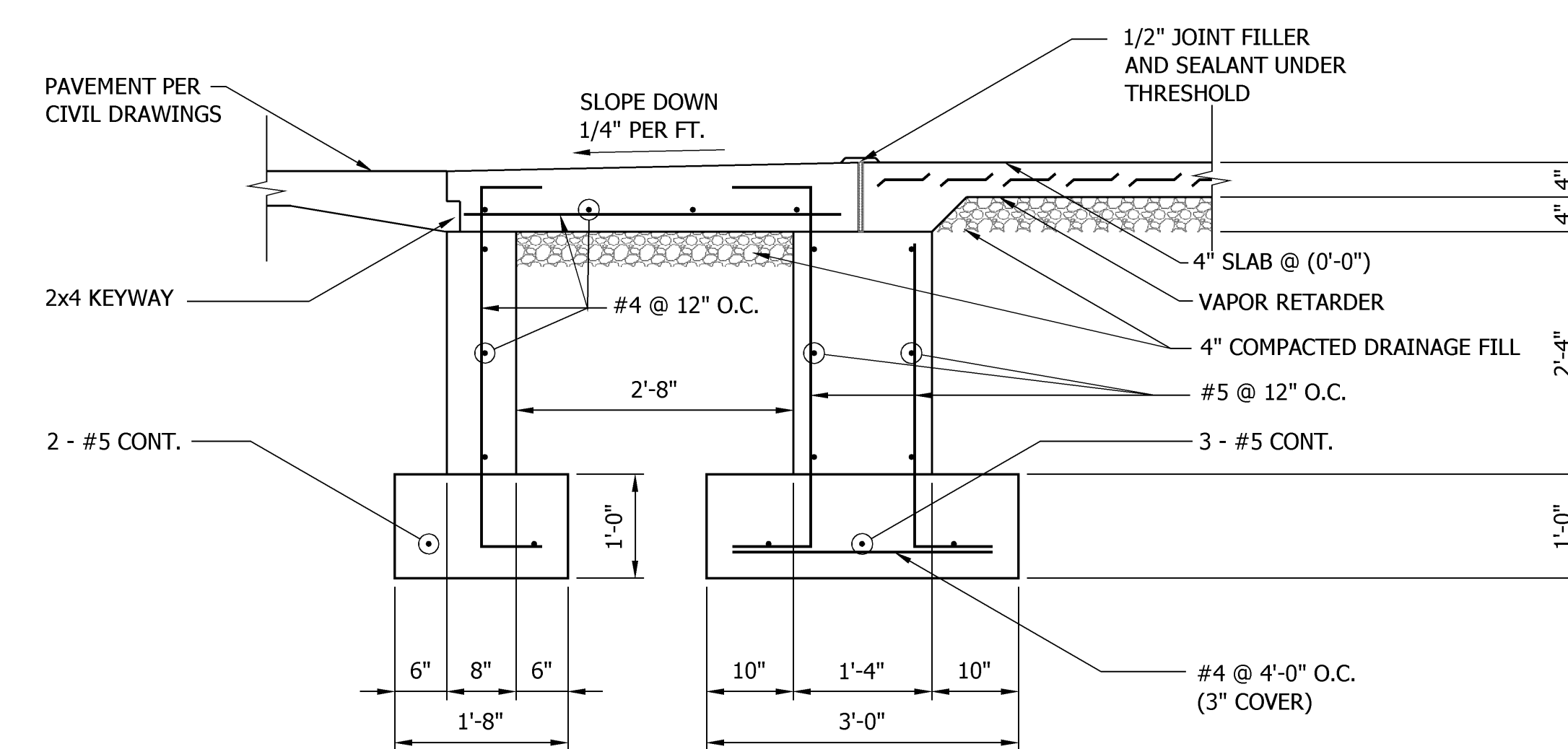
SECTION 5
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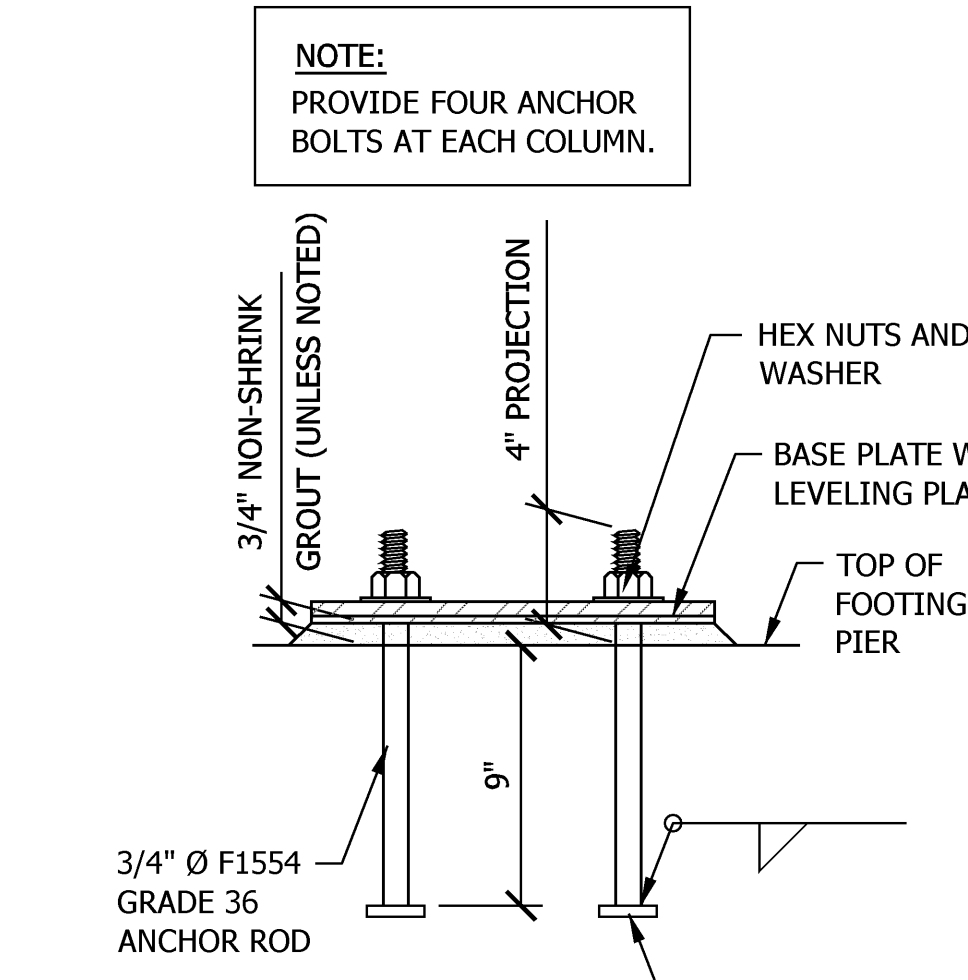
SECTION 8
 SCALE: 3/4" = 1'-0"



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



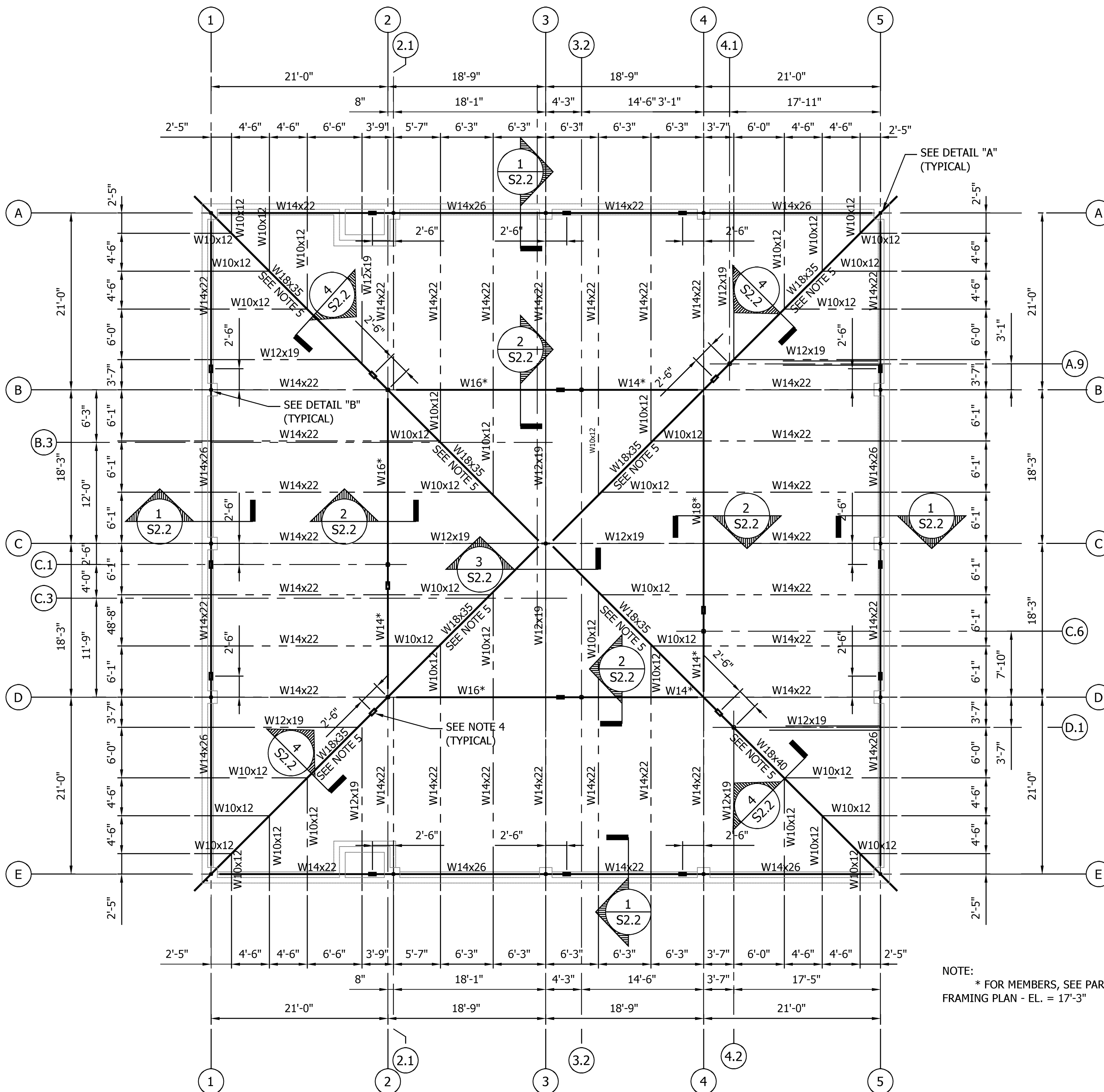
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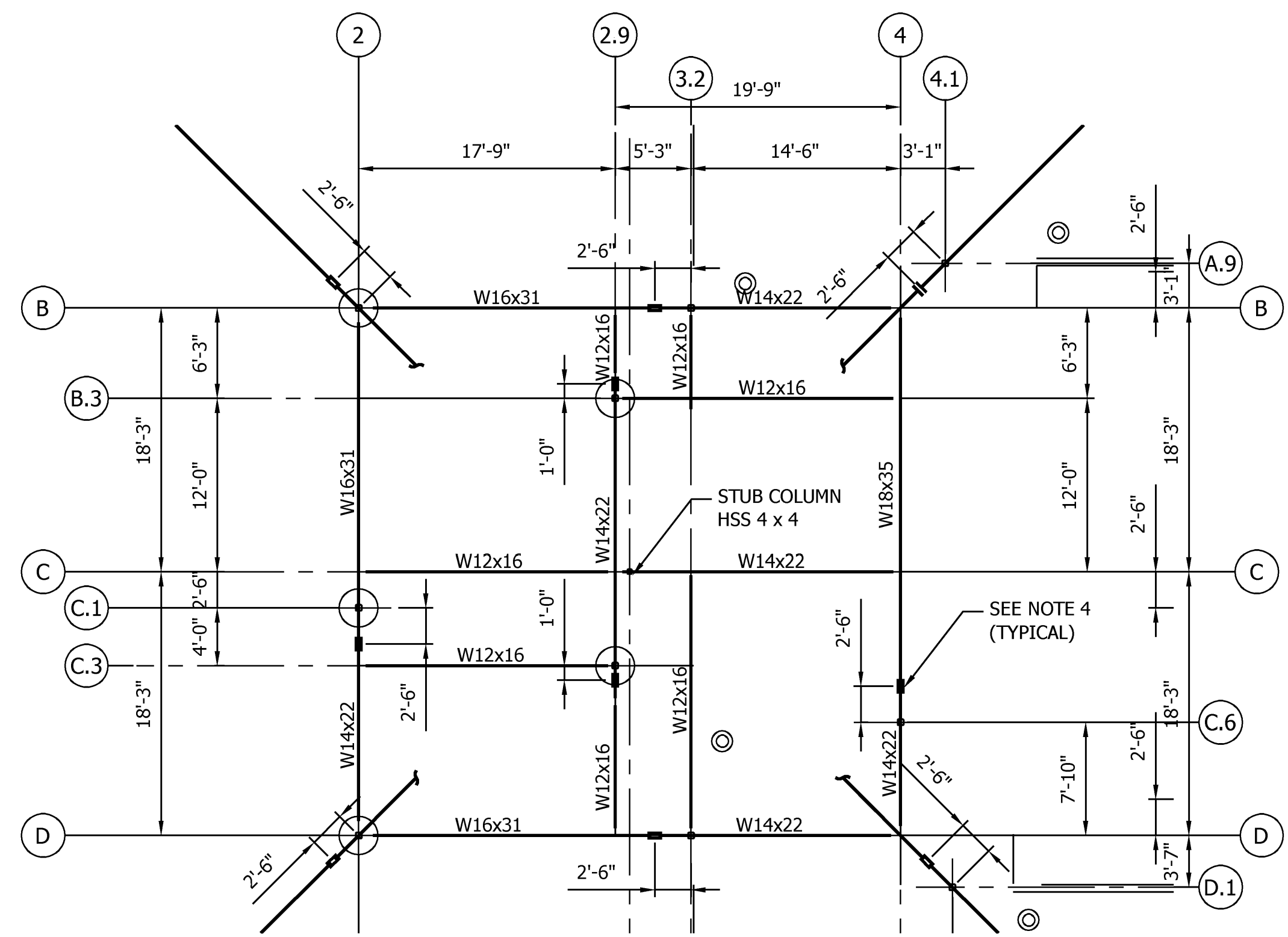
TYPICAL DETAIL OF ANCHOR BOLTS
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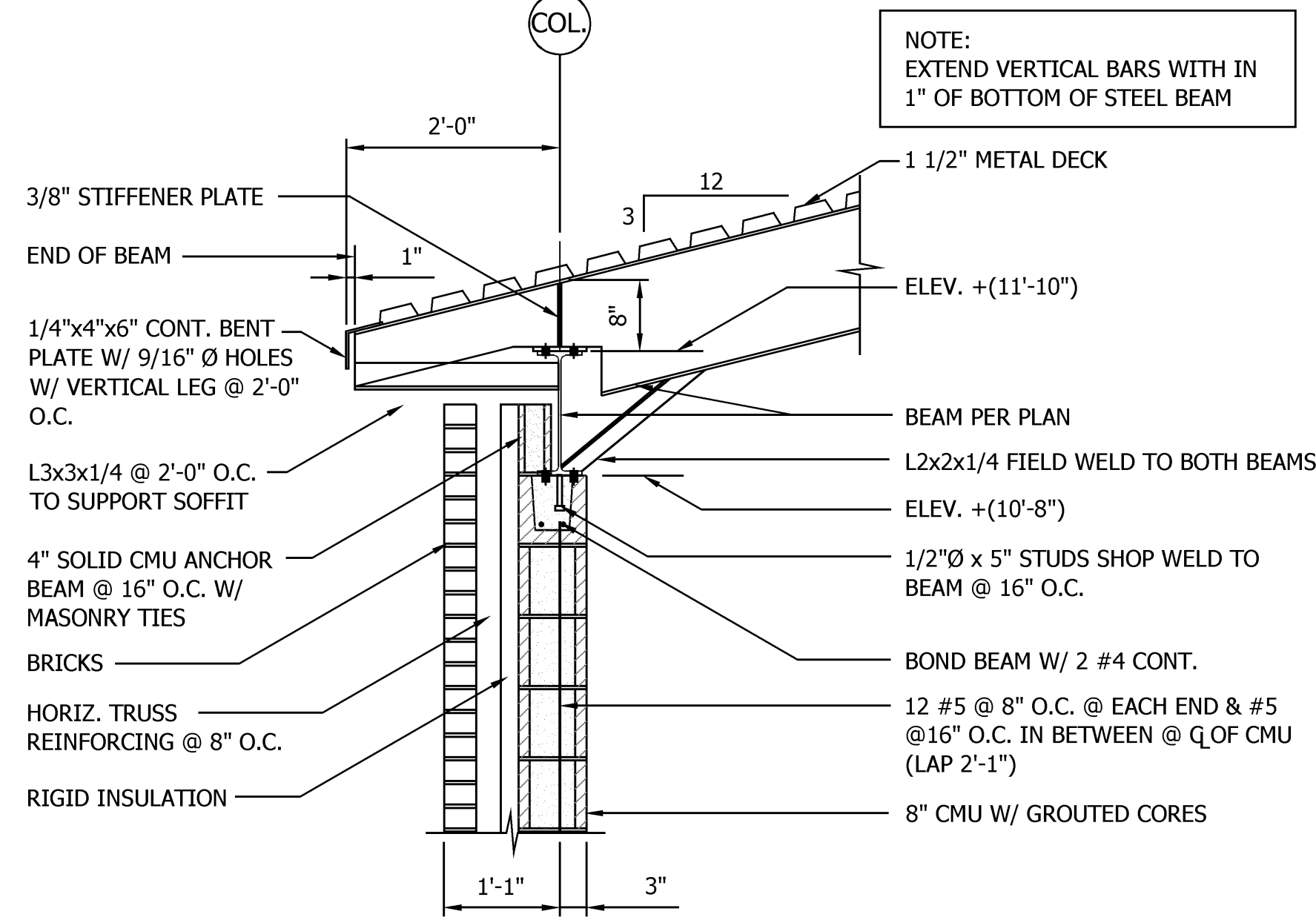
ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"



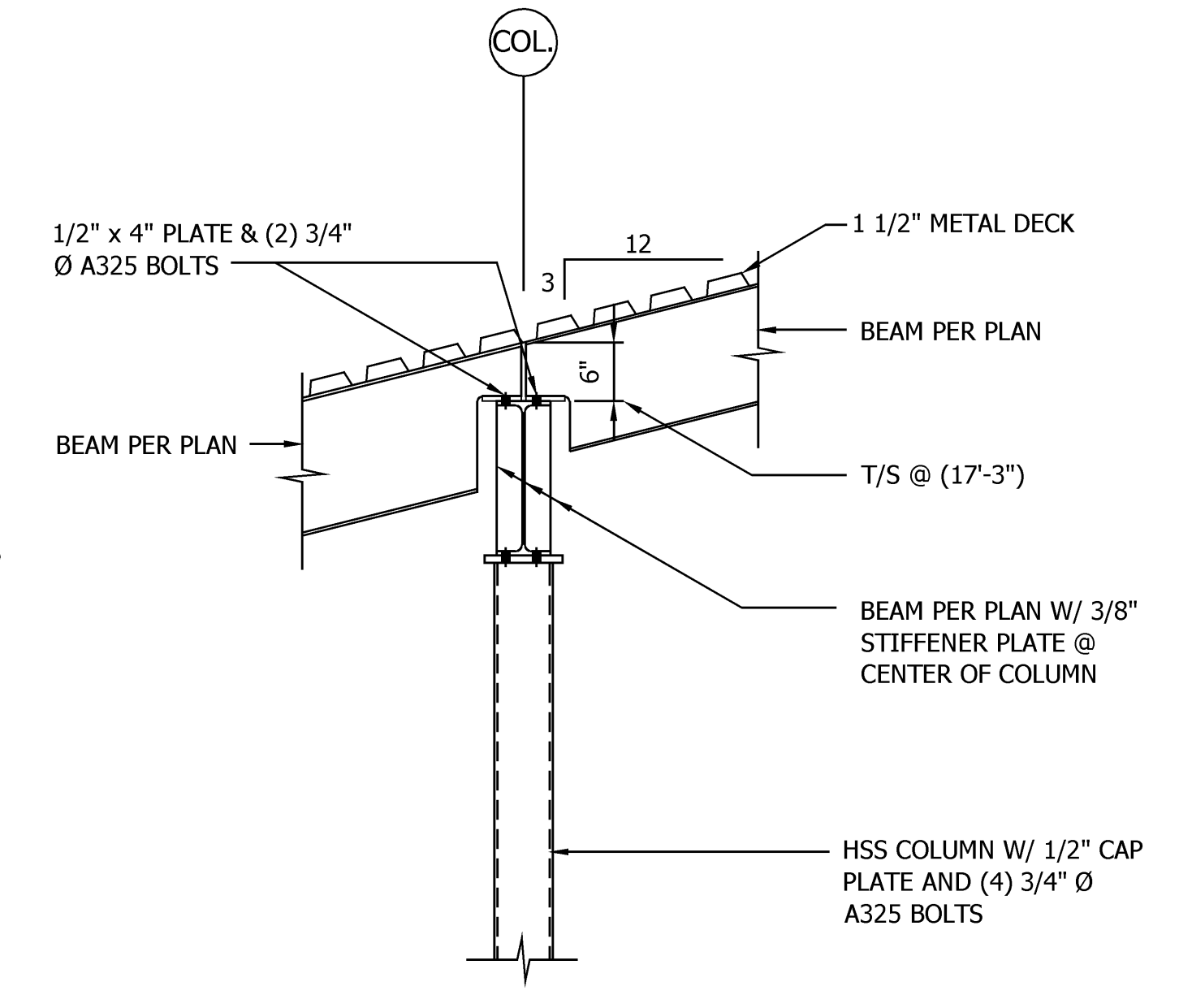
PARTIAL FRAMING PLAN - EL. = 17'-3"
SCALE: 1/8" = 1'-0"

PLAN NOTES:

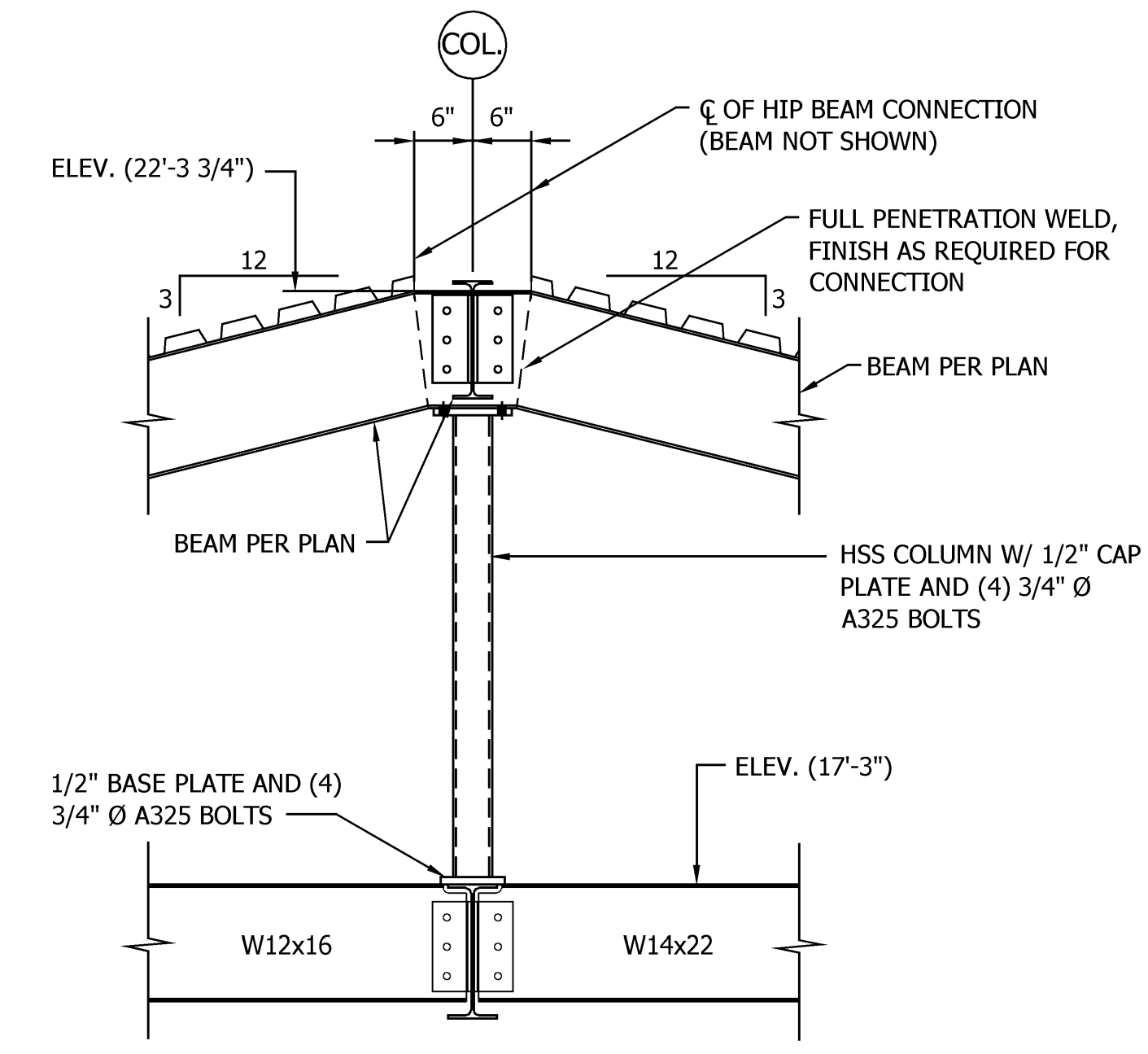
- ROOF DECK OVER ENTIRE AREA SHALL BE 1 1/2"x16 GAGE GALVANIZED WIDE RIB DECK. ROOF DECK SHALL BE ANCHORED TO STEEL FRAMING WITH 5/8" Ø PUDDLE WELDS AT 6" O.C. OVER ALL SUPPORTS AND SIDE LAPS SHALL BE WELDED AT 12" O.C.
- PROVIDE TEMPORARY BRACING AS REQUIRED, UNTIL THE MASONRY SHEAR WALLS ARE IN PLACE.
- UNLESS SHOWN OTHERWISE, PROVIDE ALL COLUMNS WITH 1/2" CAP PLATE WITH (4) 3/4" Ø A325 BOLTS.
- ALL BEAM SPLICES SHOWN ON PLAN SHALL BE MADE WITH FULL DEPTH CONNECTION FOR THE SHALLOWER BEAM WITH 3/4" Ø A325 BOLTS AT 3" O.C. AND 1/4" STEEL PLATES ON BOTH SIDES OF THE WEB. TOP OF BOTH BEAMS SHALL BE IN THE SAME PLANE.
- TOP OF BENT PLATE OVER ALL HIP BEAMS, SHALL BE IN THE SAME PLANE AS TOP OF ADJACENT BEAM.
- LINTELS OVER ALL DOOR AND WINDOW HEADS IN EXTERIOR WALLS, SHALL BE HSS 8x4x1/4 WITH 1/4"x15" BOTTOM PLATE. BOTTOM OF PLATE SHALL BE 7'-4" A.F.F. ALL LINTELS SHALL BE HOT DIP GALVANIZED.
- ALL STRUCTURAL STEEL AND ROOF DECK SHALL BE FIREPROOFED WITH SPRAY ON FIREPROOFING.
- FOR COLUMN SIZES, SEE FOUNDATION PLAN.



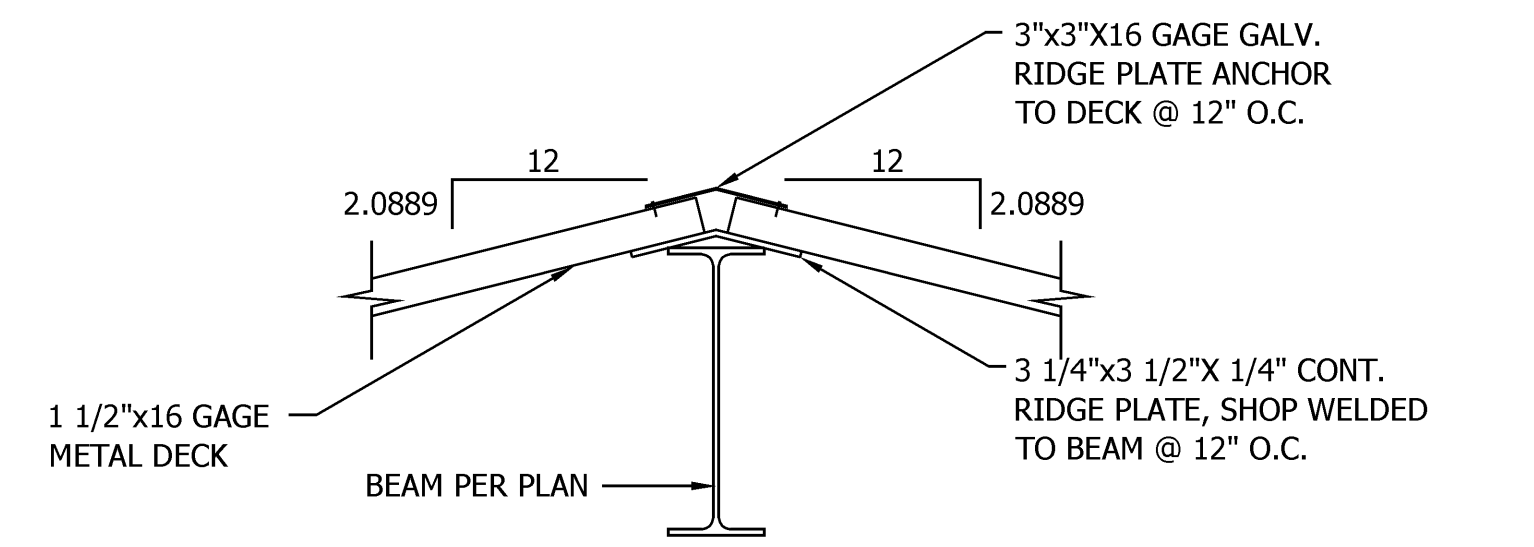
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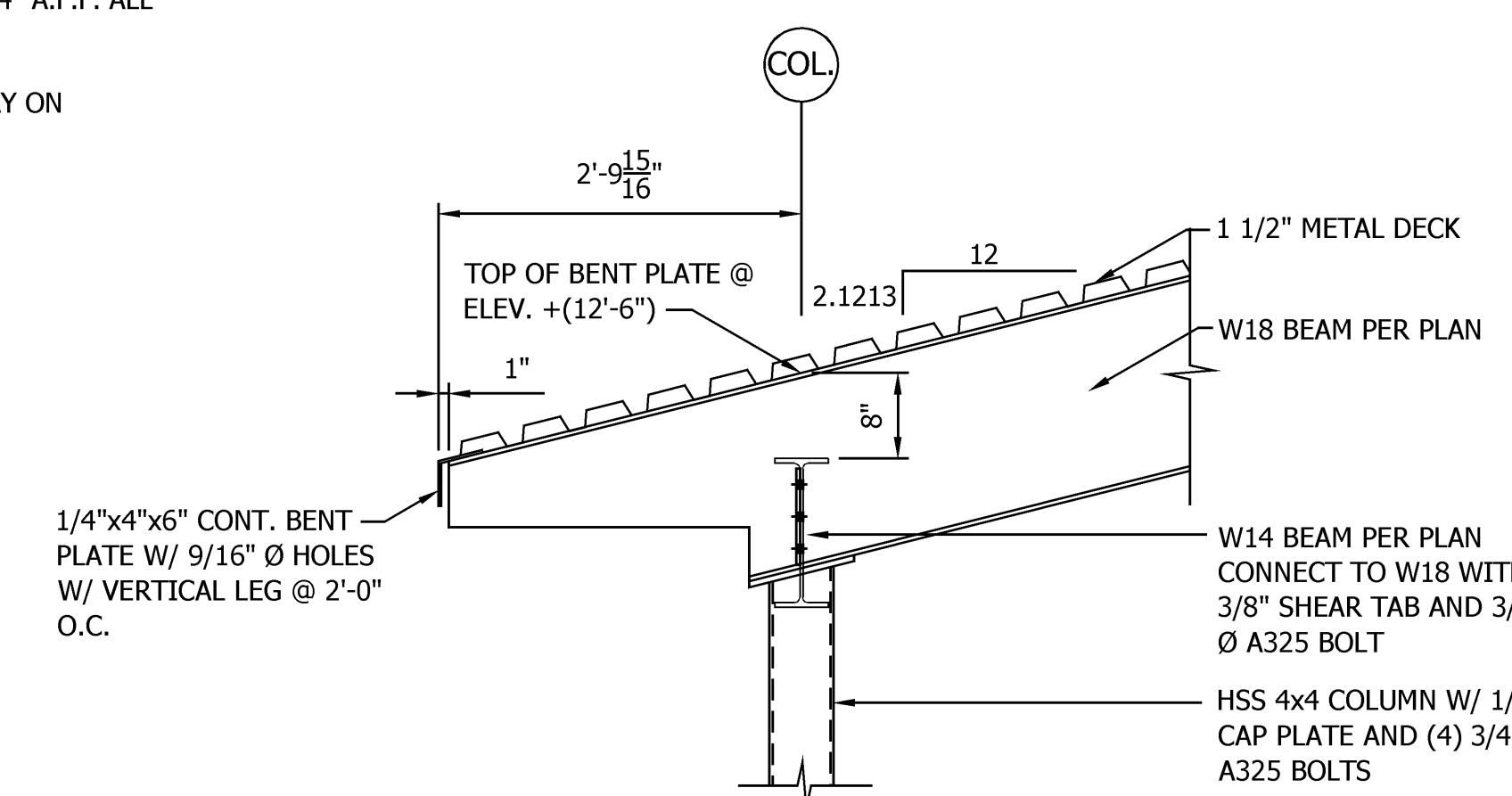
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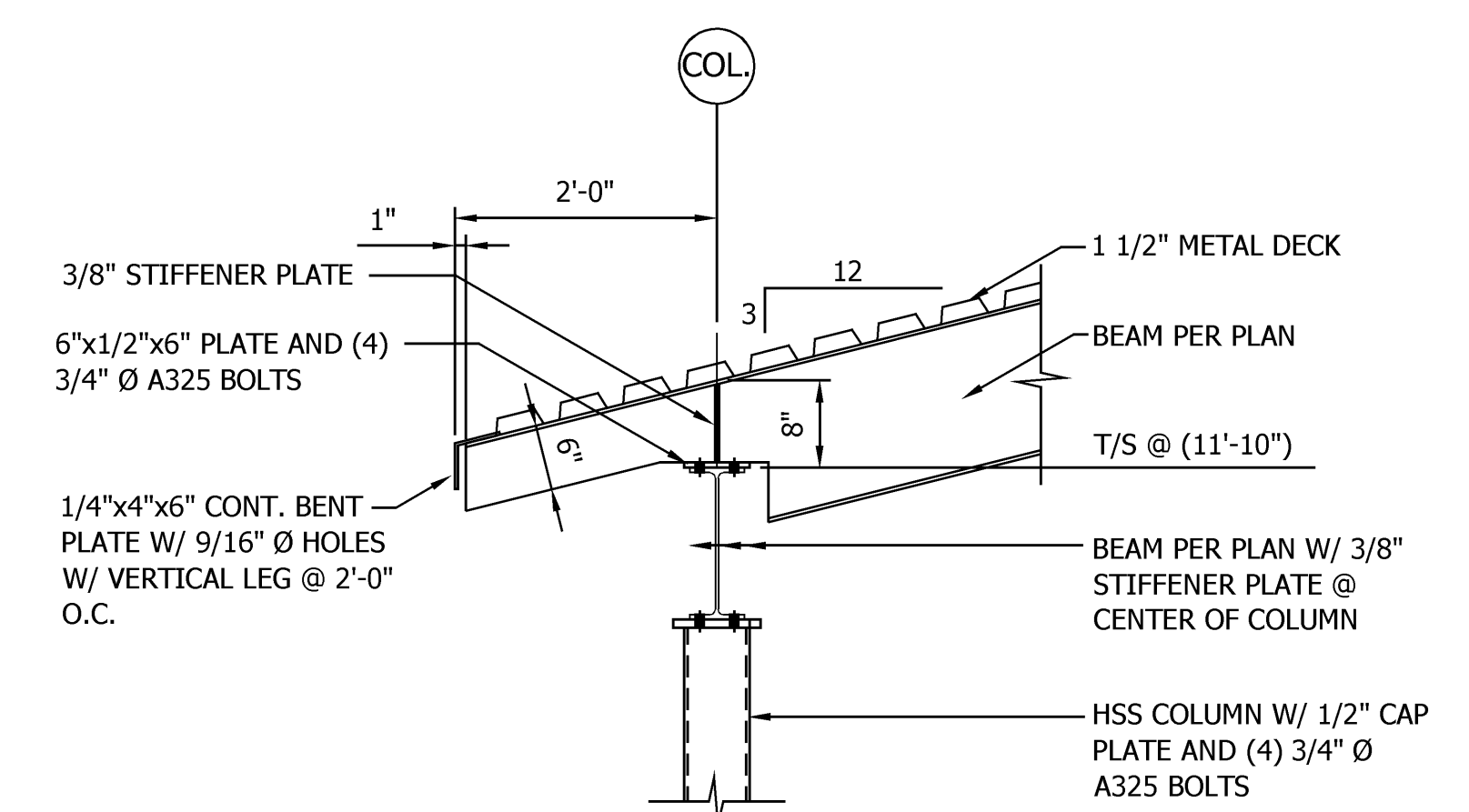
SECTION 3
SCALE: 3/4" = 1'-0"



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

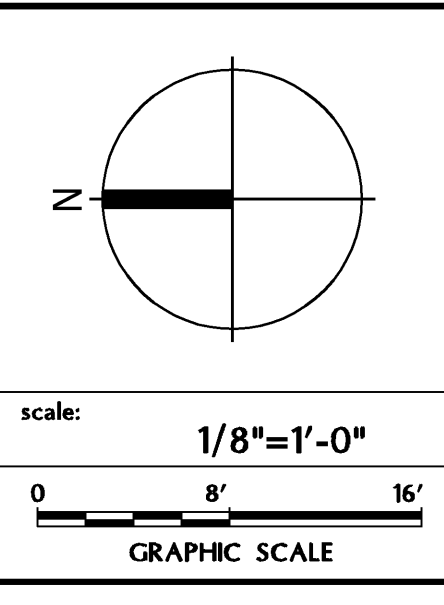


DETAIL "A"
SCALE: 3/4" = 1'-0"



DETAIL "B"
SCALE: 3/4" = 1'-0"

DATE	REVISION



JOB#	CONTRACT#	DESIGNED	BY	CHECKED	DATE
210-0651		RDP	SCJ	RDP	

FRAMING PLANS AND PRELIMINARY DETAILS
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