

51 Industrial  
Boulevard  
Blairsville,  
Georgia 30512

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Smith  
&  
Tench  
&  
Jarbeau**

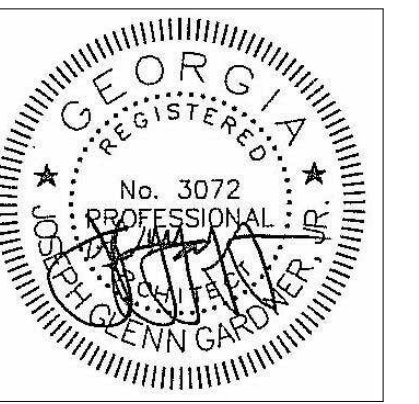
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N.E.  
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404.521.2118 (F)**

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PROJECT
NO.

22102

HEET  
TLE

## Floor Plan

SHEET
NO.

A1.00



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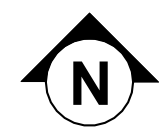
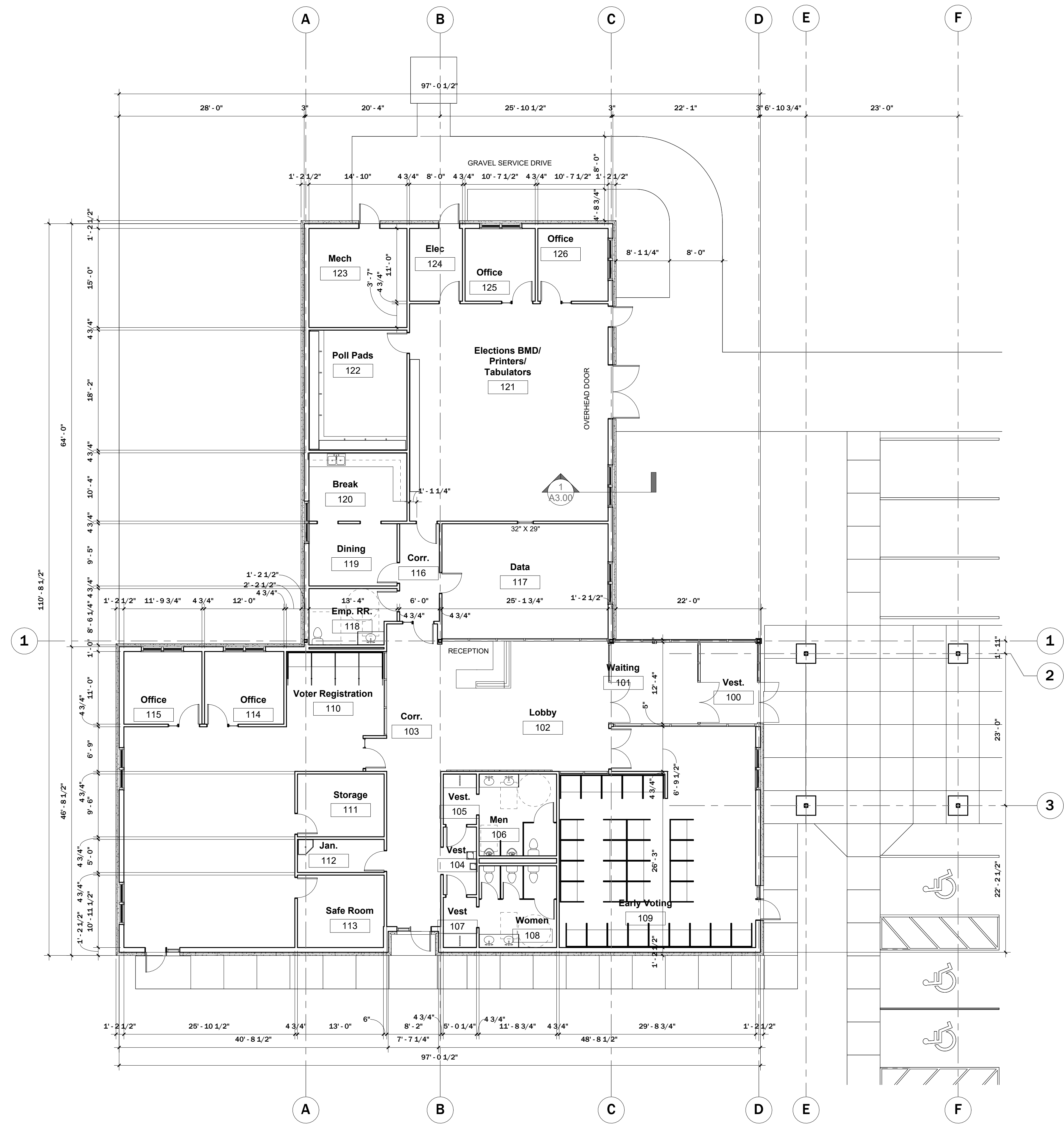
22102

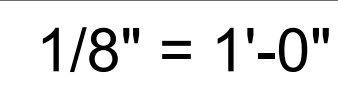
SHEET
TITLE

Dimension Plan  $\pi$ 

HEET
NO.

A1.01

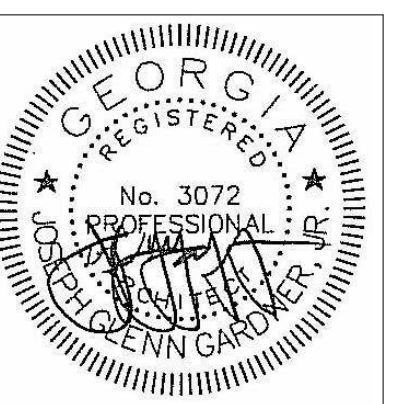




A1.10<sup>NO.</sup>

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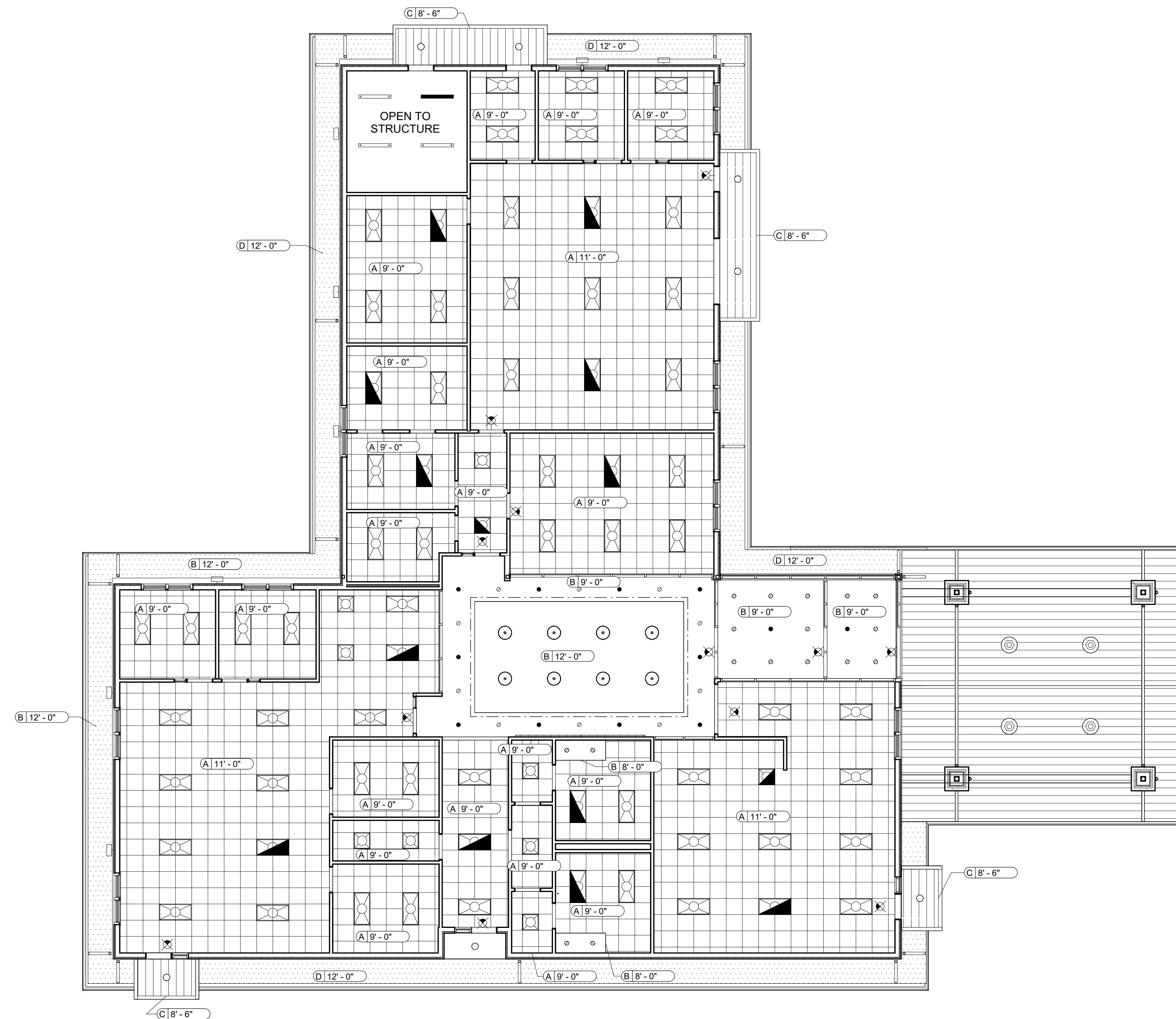
22102

SHEET
TITLE
Plan



Reflected Ceiling Plan

SHEET
NO.

A1.30



- RECESSED DOWNLIGHT
- RECESSED DOWNLIGHT ON EMERGENCY CIRCUIT
-  2' X 2' RECESSED TROFFER
-  2' X 2' RECESSED TROFFER ON EMERGENCY CIRCUIT
-  2' X 4' RECESSED TROFFER
-  2' X 4' RECESSED TROFFER ON EMERGENCY CIRCUIT
-  4'-0" STRIP PENDANT FIXTURE SUSPENDED FROM STRUCTURE
-  4'-0" STRIP PENDANT FIXTURE ON EMERGENCY CIRCUIT SUSPENDED FROM STRUCTURE
-  COVE STRIP LIGHTING
- ⊙ LOBBY PENDANT FIXTURE
- SURFACE MOUNTED EXTERIOR GRADE LIGHT FIXTURE
-  EXTERIOR GRADE WALL MOUNTED LIGHT FIXTURE

-  EXTERIOR GRADE PENDANT FIXTURE
-  CEILING MOUNTED EXIT SIGN
-  WALL MOUNTED EXIT SIGN

CEILING TYPE

 **CEILING TAG**

CEILING HEIGHT

CEILING TYPES:

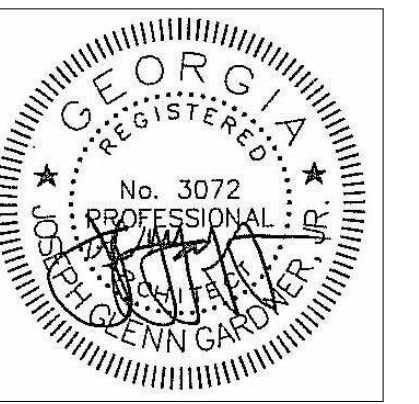
- A - ACOUSTICAL CEILING GRID AND TILE
- B - PAINTED 5/8" GYPSUM BOARD ON 2 1/2" METAL STUDS
- C - PREFINISHED METAL CANOPY CEILING
- D - PERFORATED EAVE SOFFIT PANELS

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Revisions

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NO.	

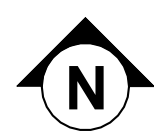
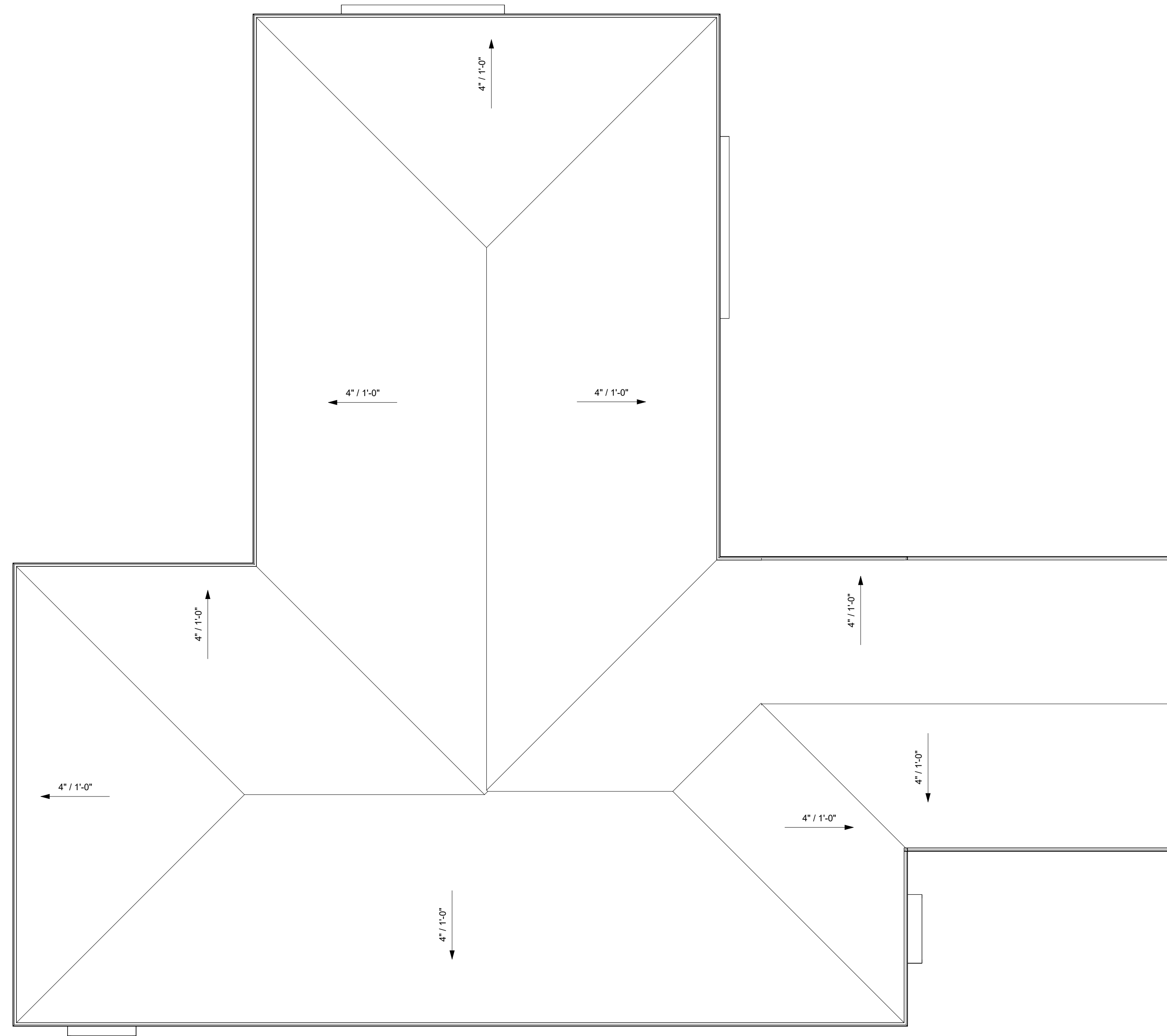
22102

FEET	
TITLE	

Roof Plan

HEET	
NO.	

A1.40



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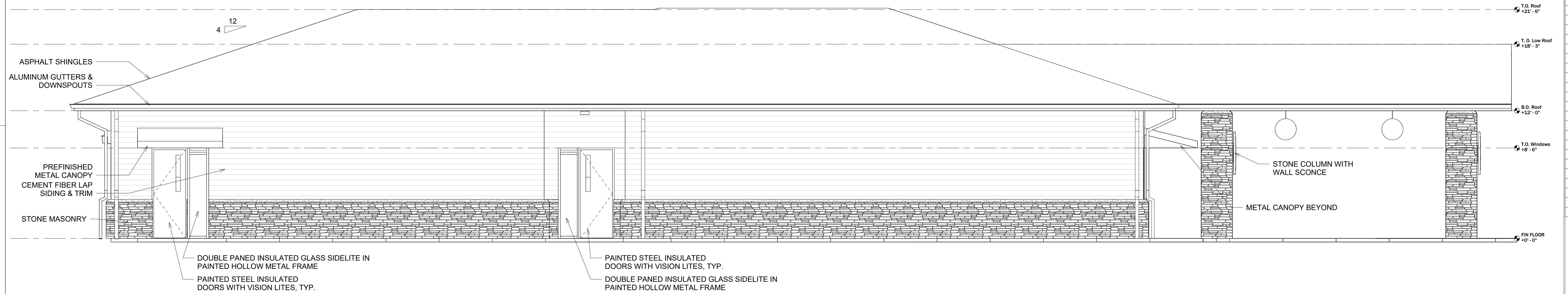
Building Elevations	SHEET TITLE
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SHEET NO.

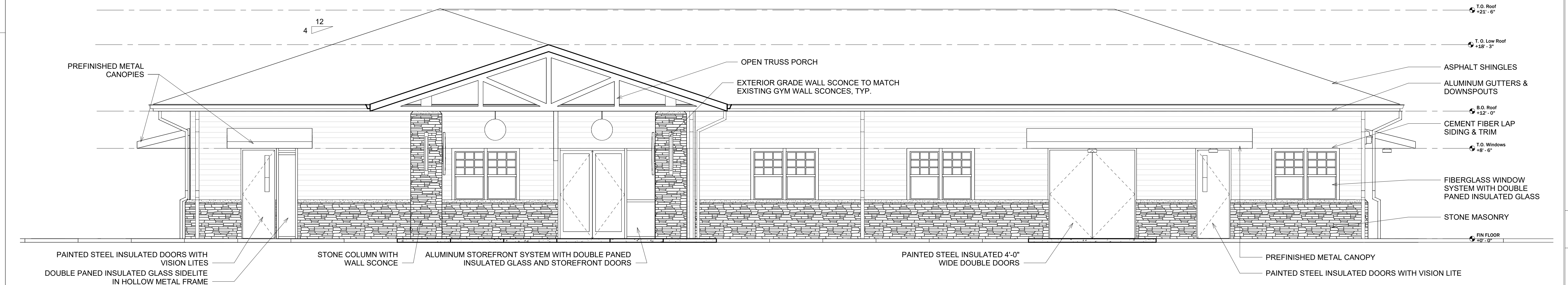
A2.00<sup>NO.</sup>



1	North Elevation
---	-----------------

$$1/4'' = 1'-0''$$


2	South Elevation
---	-----------------

$$1/4'' = 1'-0''$$


3	East Elevation
---	----------------

---

1/4" = 1'-0"



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[illegible]

PROJECT NO.	
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Wall Section	SHEET TITLE
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SHEET NO.

A3.00<sup>NO.</sup>


$$1'' = 1'-0''$$





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• *Journal of Management Education* 32(10):1039-1050

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•

22102 NO.

	SHEET
Dough Section	TITLE

\* [info@hugoboss.com](mailto:info@hugoboss.com)  
 \* [www.hugoboss.com](http://www.hugoboss.com)

SHEET NO.

## 7A5.01

# A3.01



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**SHEET  
TITLE**

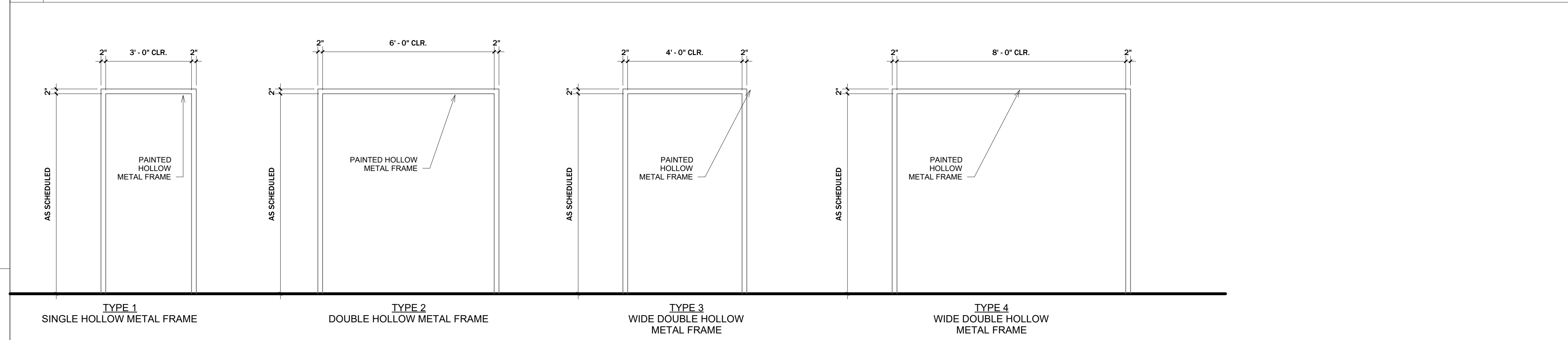
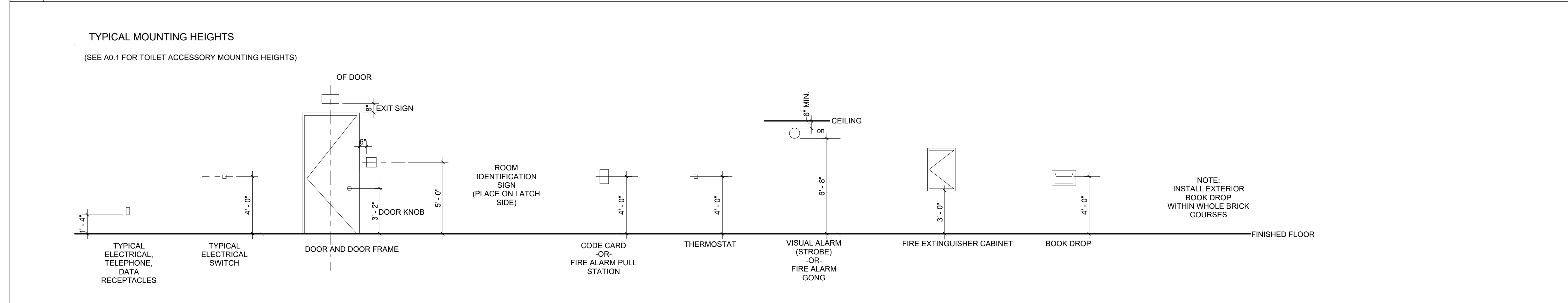
Porch Section

**SHEET**  
**NO.**

Λ 2 0 1<sup>No.</sup>

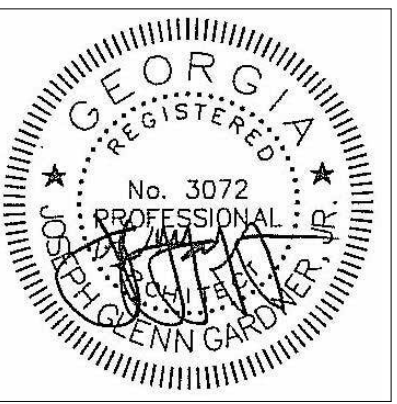
The drawings illustrate the following door types and their dimensions:

- FLU SINGLE DOOR:** Width 3'-0", Height 7'-0".
- DBL DOUBLE DOOR:** Total width 6'-0" (3'-0" per leaf), Height 7'-0".
- FLT DOUBLE STOREFRONT DOOR:** Total width 6'-0" (3'-0" per leaf). Each leaf has a height of 5'-0" and a width of 2'-2".
- VLT SINGLE DOOR WITH VISION LITE:** Width 3'-0", Height 7'-0". Includes a vision lite with dimensions 4" x 8" and 2'-0" x 2'-0".
- DVLT SINGLE DOOR WITH VISION LITE:** Total width 6'-0" (3'-0" per leaf), Height 7'-0". Includes a vision lite with dimensions 4" x 8" and 2'-0" x 2'-0".
- WDBL WIDE DOUBLE DOOR:** Total width 8'-0" (4'-0" per leaf), Height 7'-0".

$$1/2'' = 1'-0$$

$$1/2'' = 1'-0$$


Union County  
Elections and  
Voter  
Registration

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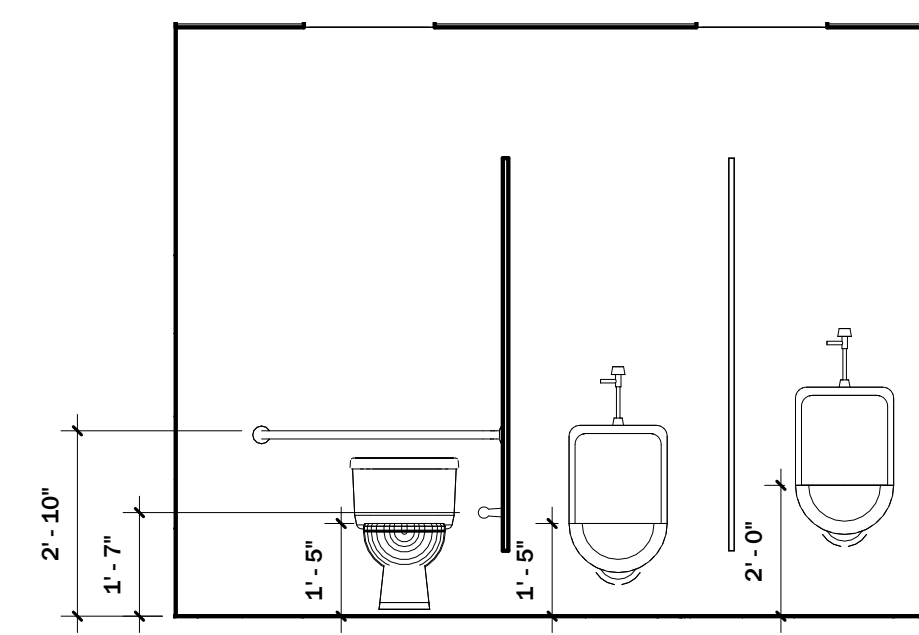
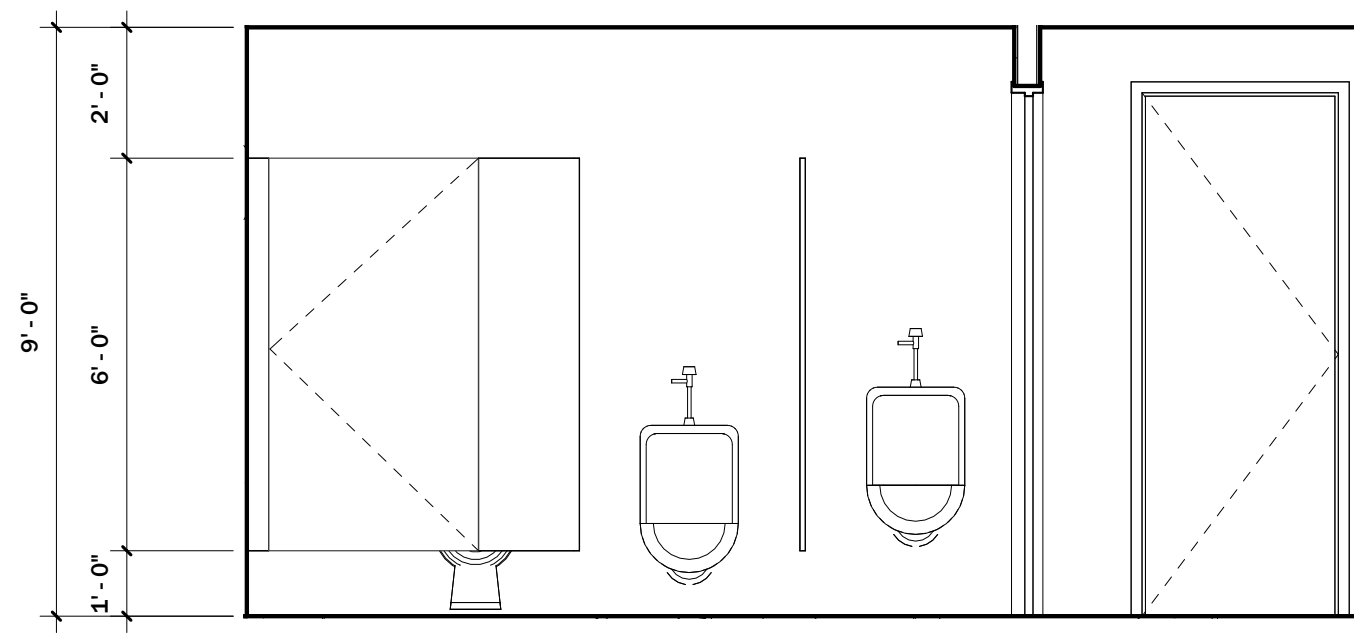
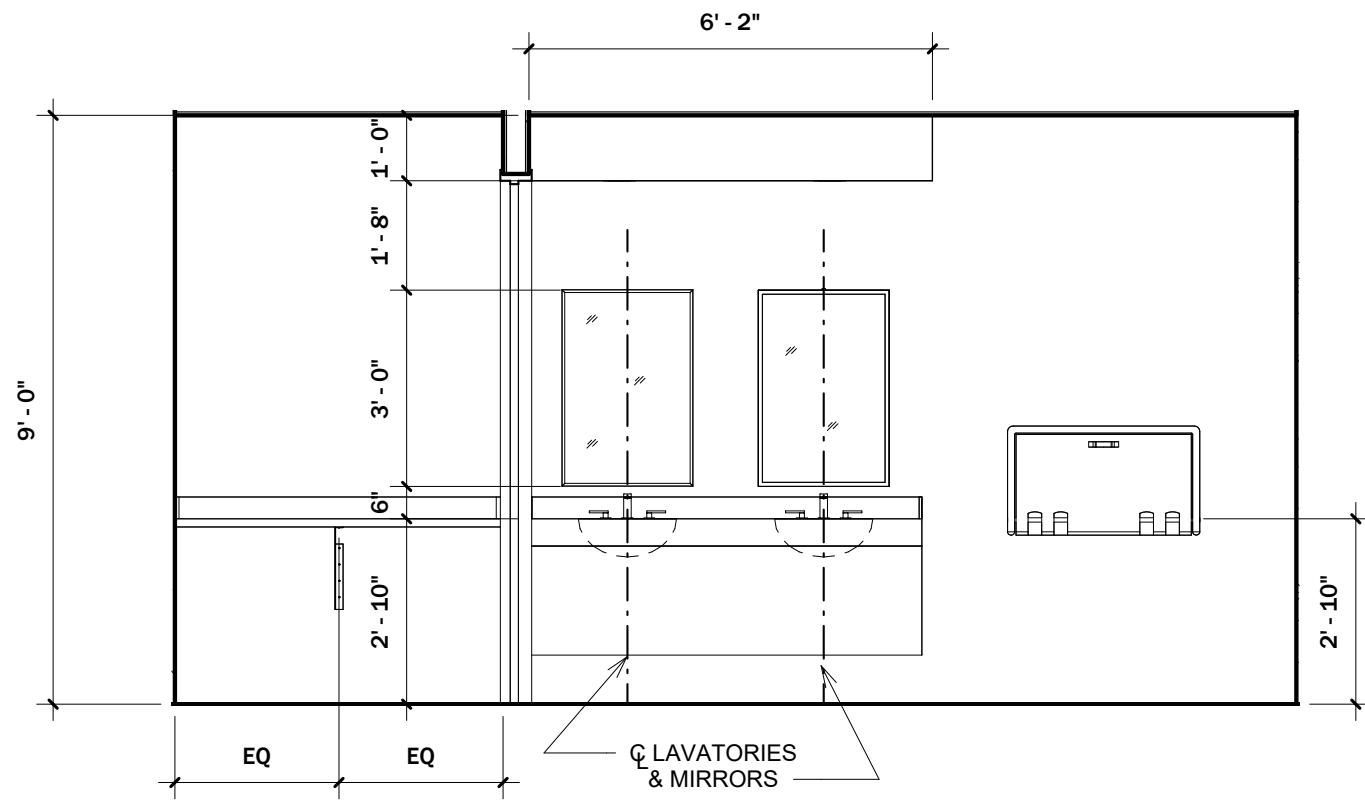
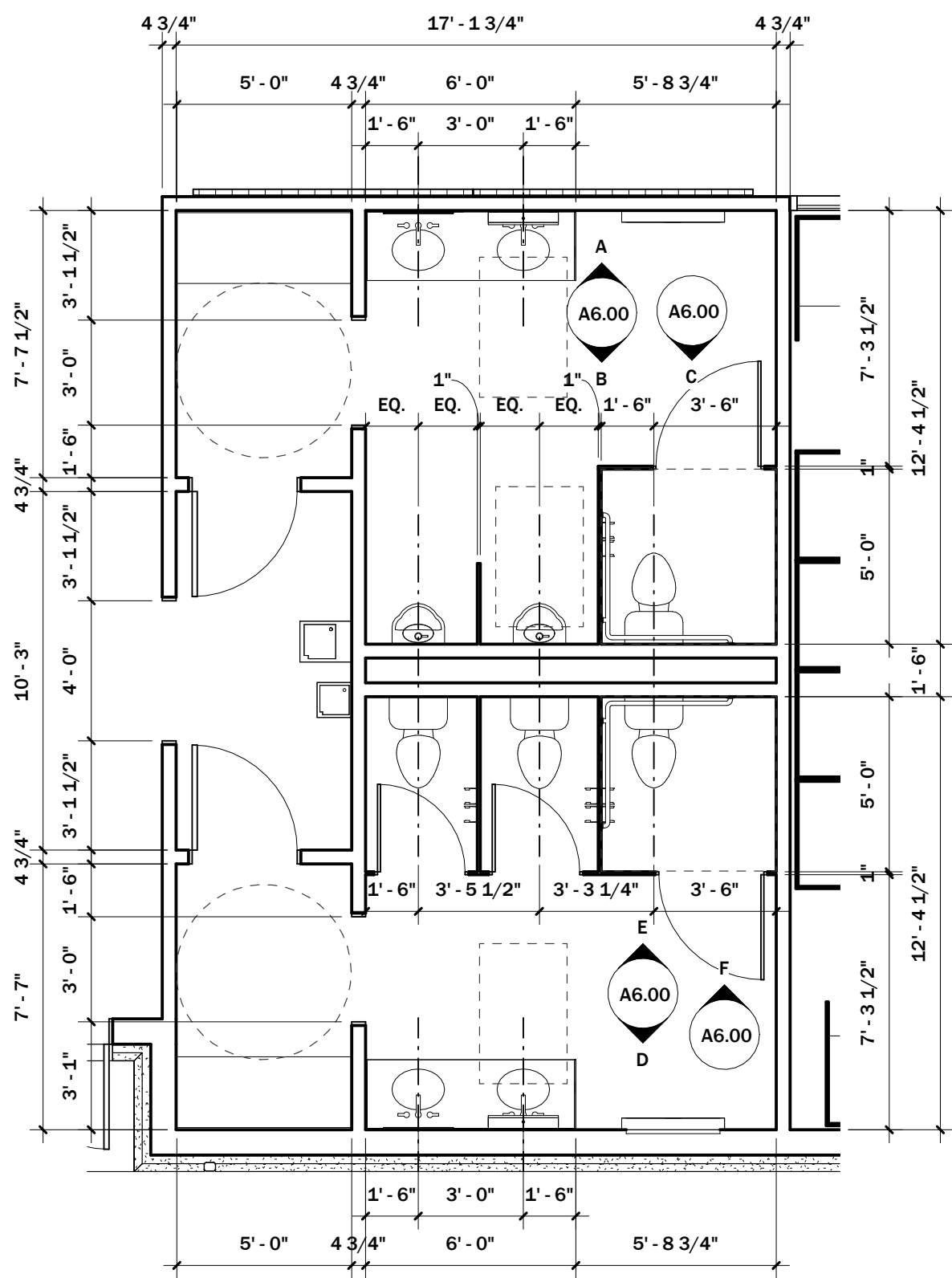
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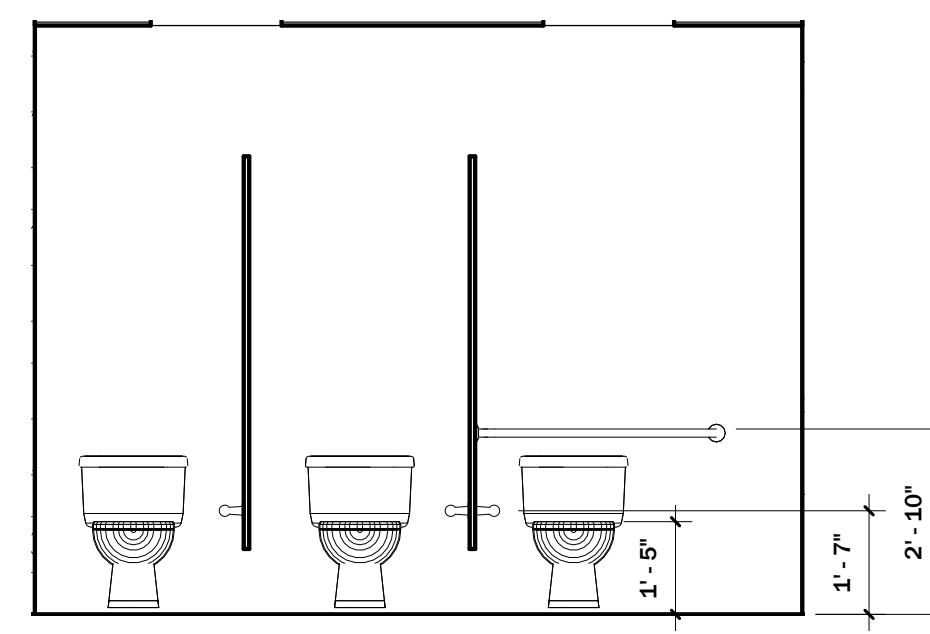
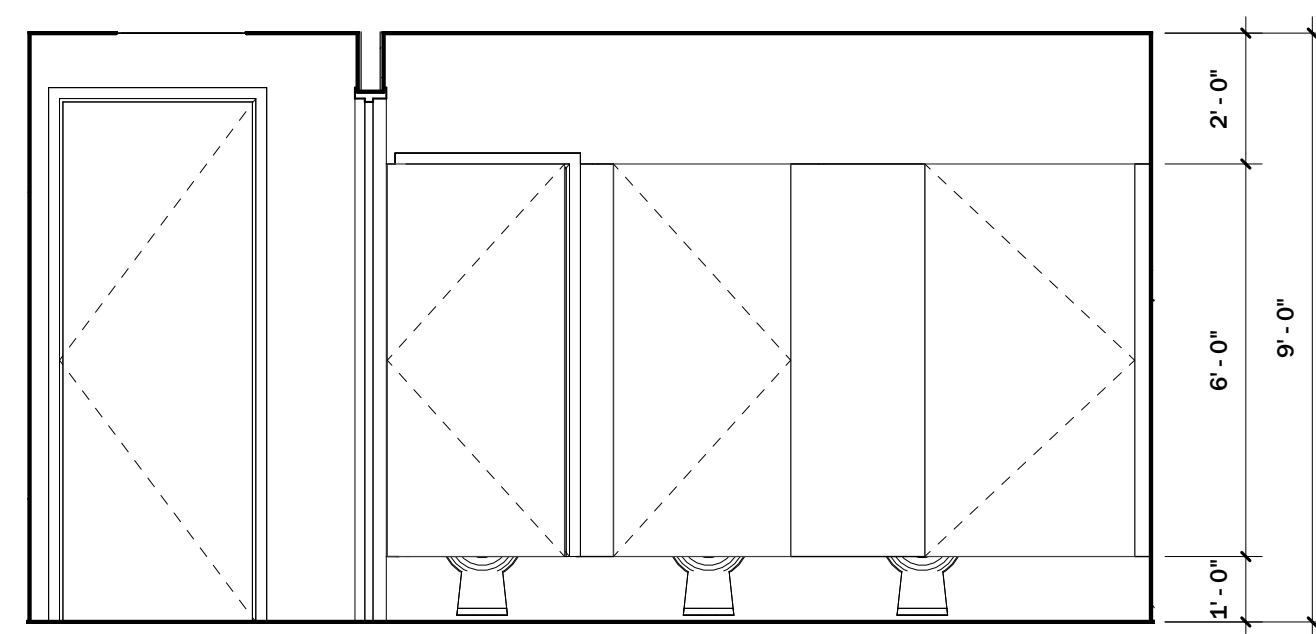
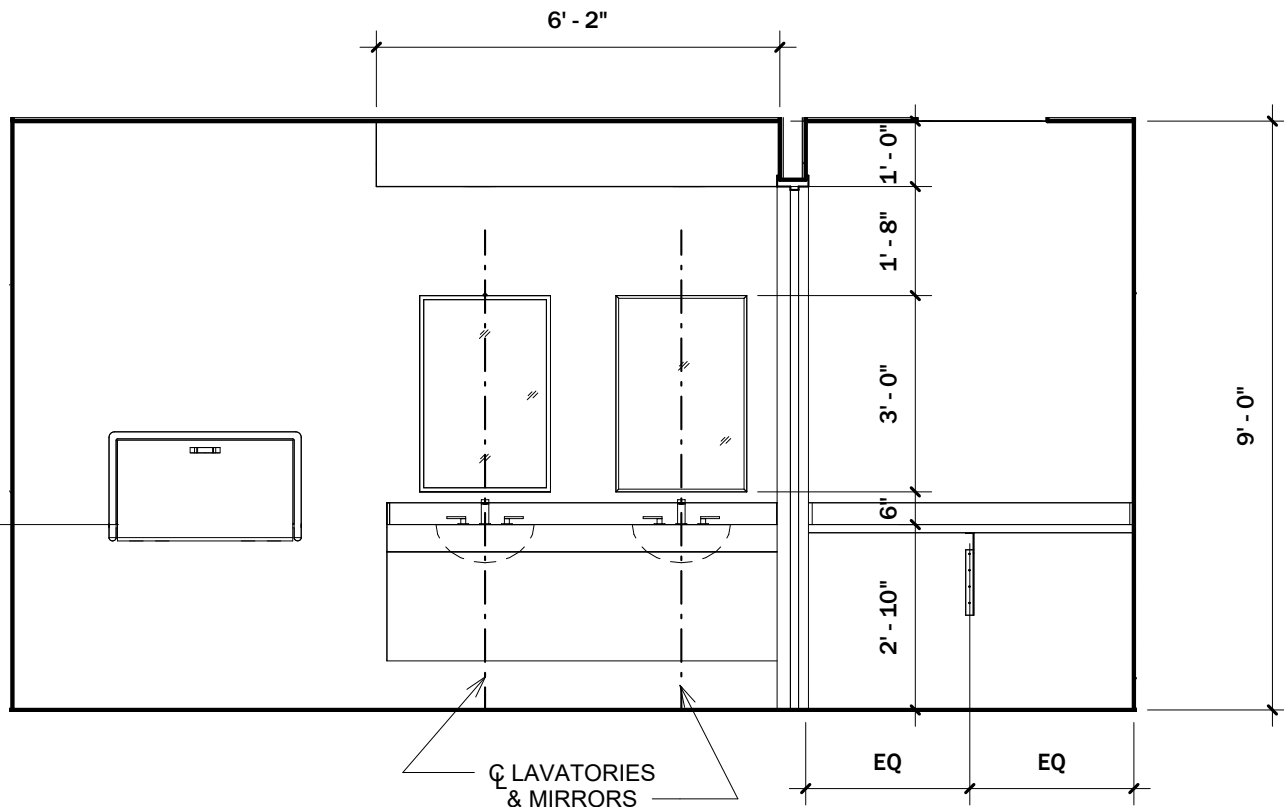
Door Schedule and  
Elevations

SHEET  
NO.

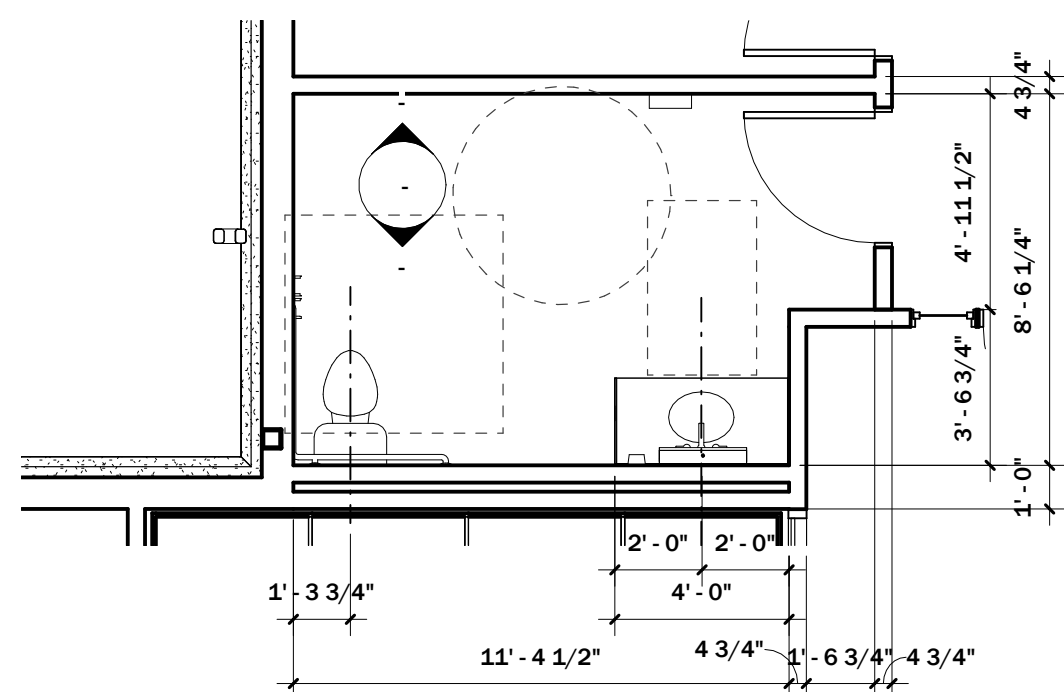
## A4.20



A Elev 1 - Vest 105, Men 106 3/8" = 1'-0" B Elev 2 - Vest 105, Men 106 3/8" = 1'-0" C Elev 3 - Vest 105, Men 106 3/8" = 1'-0"



D Elev 1 - Vest 107, Women 108 3/8" = 1'-0" E Elev 2 - Vest 107, Women 108 3/8" = 1'-0" F Elev 3 - Vest 107, Women 108 3/8" = 1'-0"

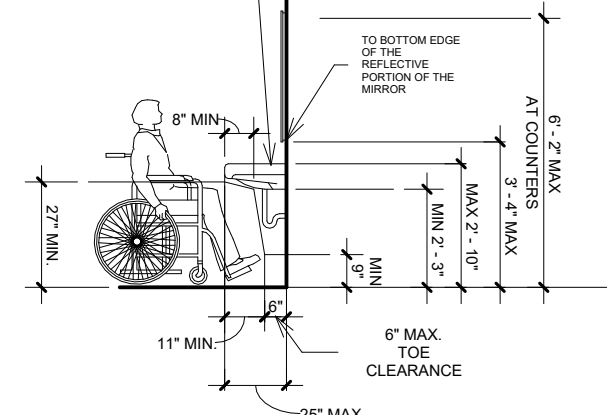


2 Enlg Plan - Employee RR 118 1/4" = 1'-0"

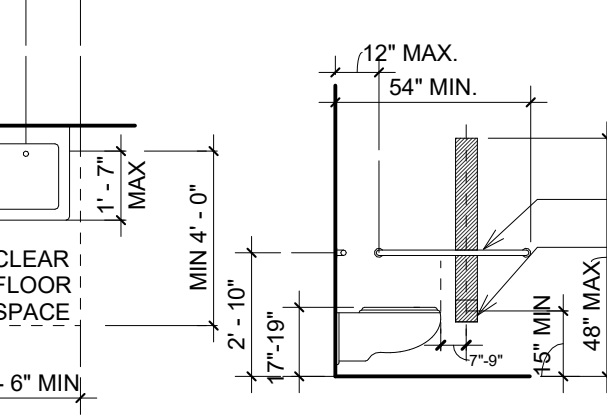
GENERAL NOTES, TOILET ROOMS:

1. SIGNAGE FOR RESTROOMS SHALL BE RAISED AND BRAILLE CHARACTERS @ 48" MIN. AND PICTORIAL SYMBOL SIGNS. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR, INCLUDING AT DOUBLE LEAF DOORS, SIGN SHALL BE PLACED ON THE NEAREST ADJACENT WALL. MOUNTING HEIGHT SHALL BE 60 INCHES MAX. ABOVE THE FINISH FLOOR TO THE CENTERLINE OF THE SIGN.

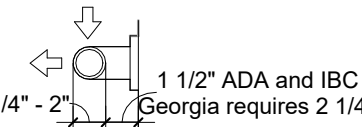
TOP OF LAVATORY



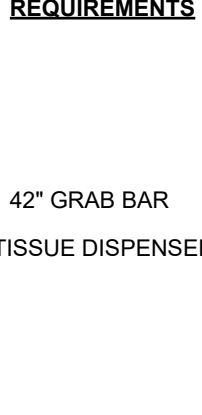
PLAN



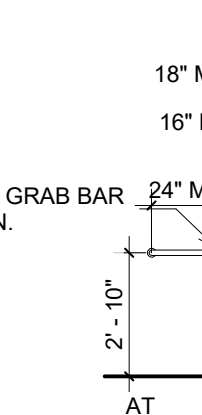
GRAB BAR REQUIREMENTS



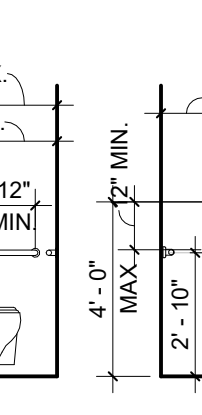
42" GRAB BAR



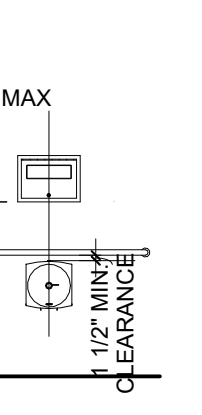
36" GRAB BAR



24" MIN. 12" MIN.

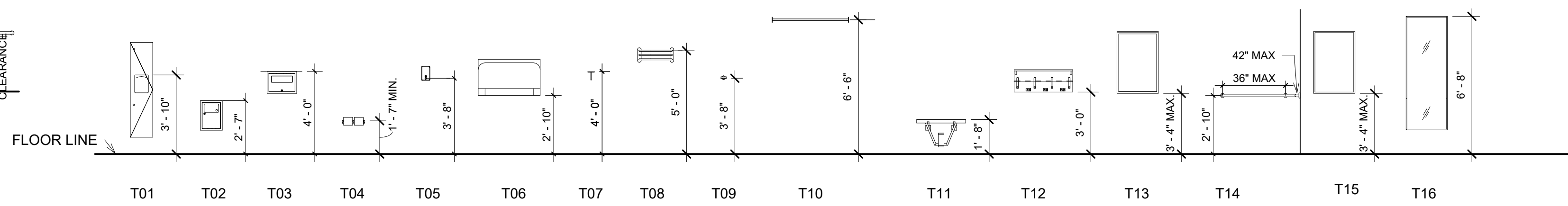


AT WHEELCHAIR ACCESSIBLE WATER CLOSETS



WATER CLOSETS IN ACCESSIBLE STALLS AND WATER CLOSETS IN ACCESSIBLE TOILET ROOMS SHALL BE INSTALLED AS SHOWN UNLESS DIMENSIONED OR NOTED OTHERWISE.

NOTE: COORDINATE HEIGHTS WITH GRAB BARS AND SPECIFIED ACCESSORIES.



3 Toilet Mounting Heights 1/4" = 1'-0"

Union County Elections and Voter Registration

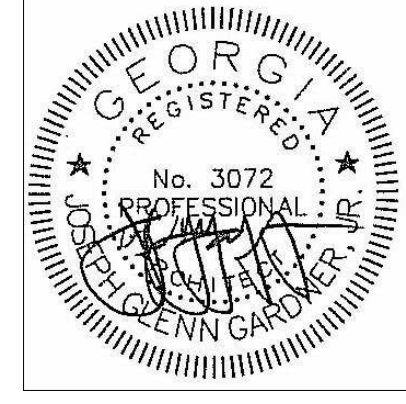
51 Industrial Boulevard  
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No. Date Description

11/23/22 Issued for Bid



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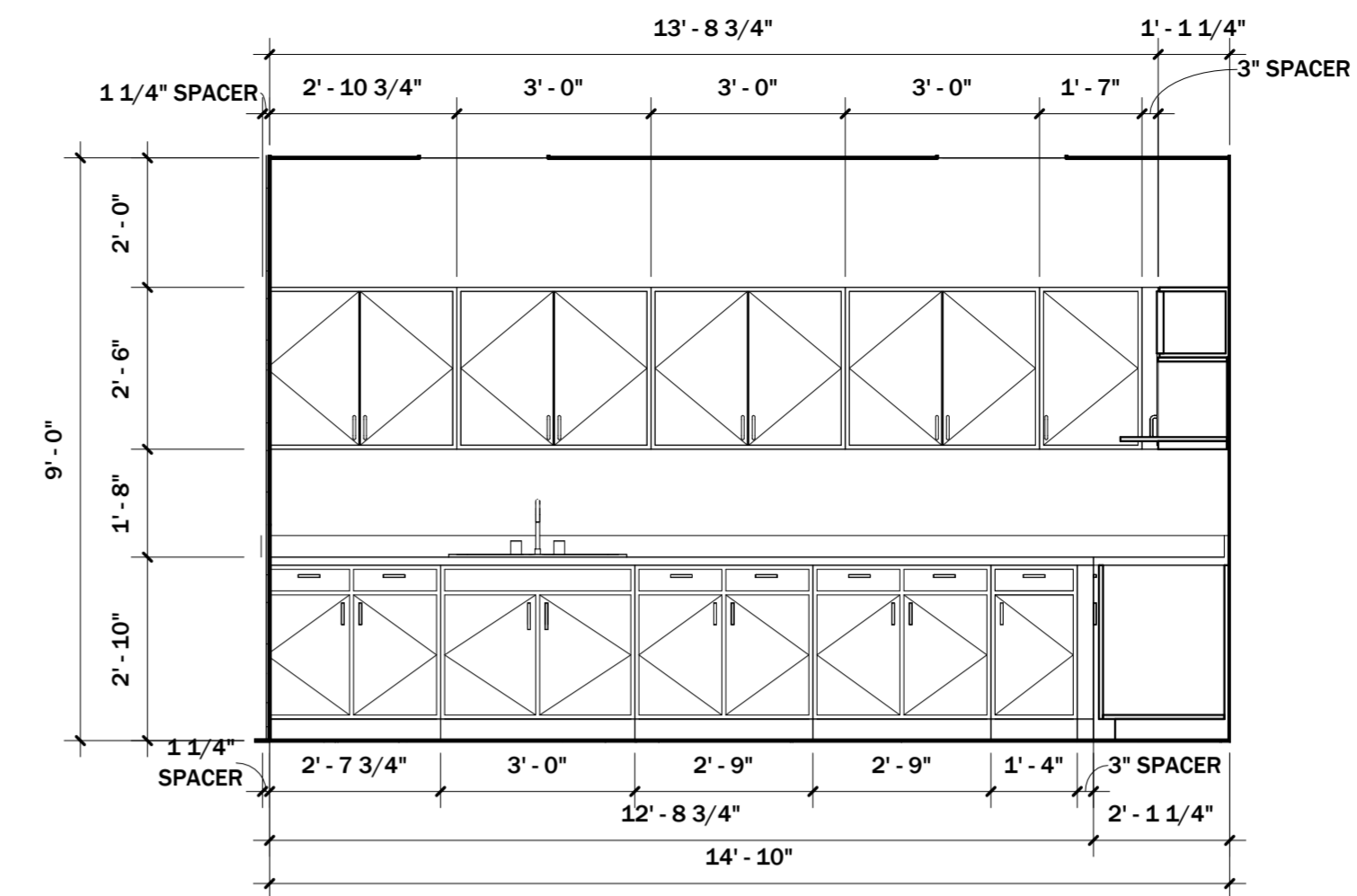
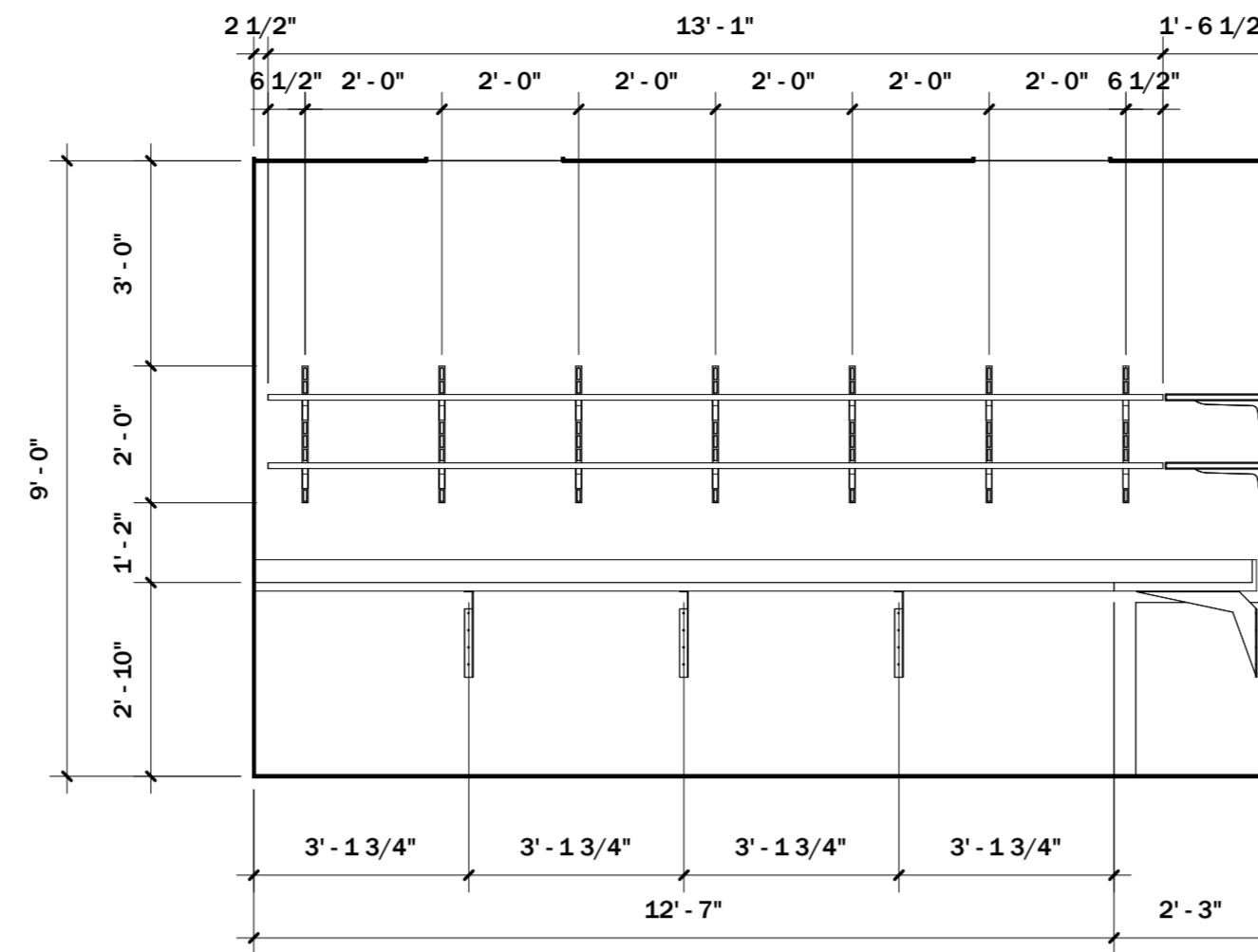
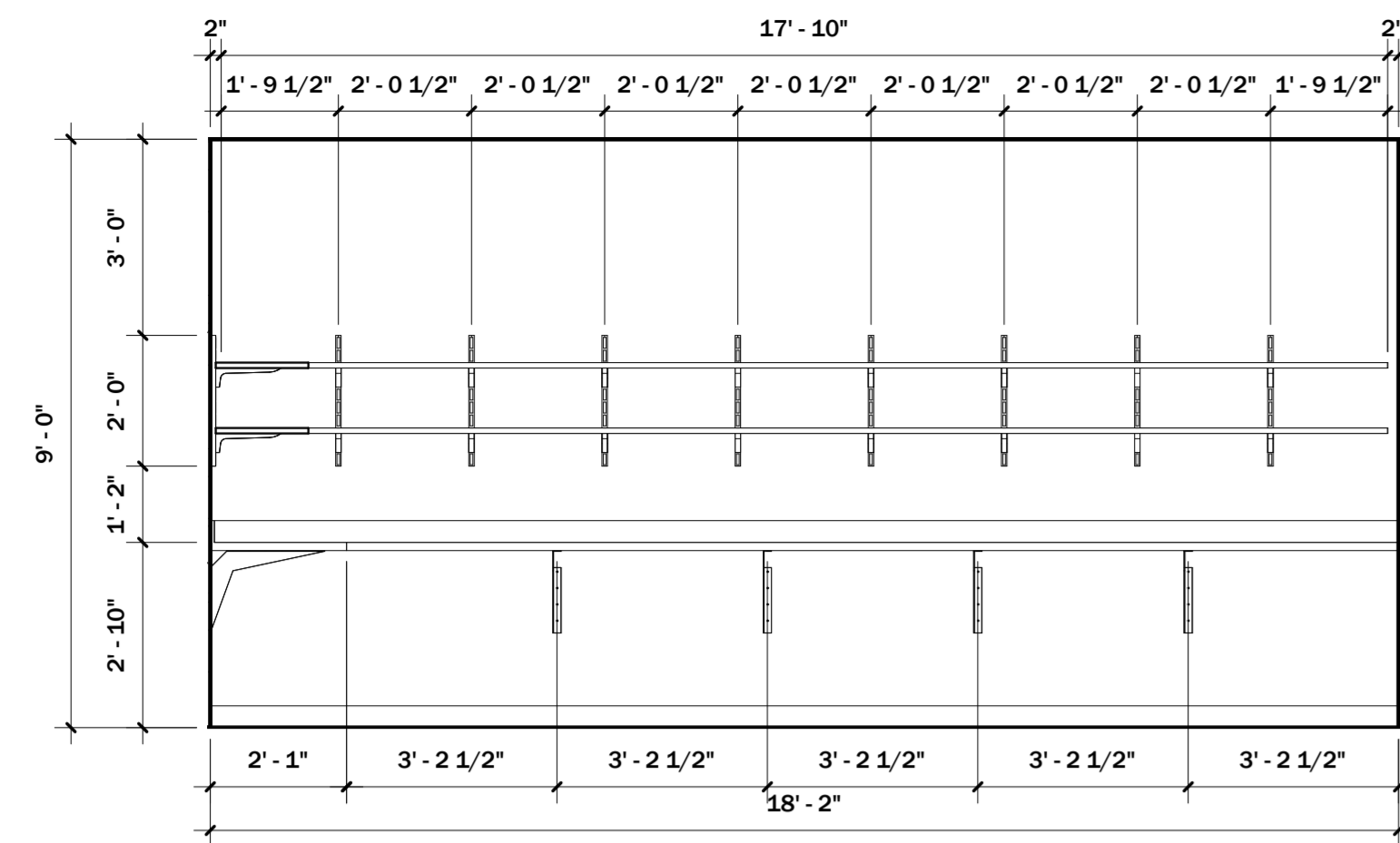
22102

SHEET NO.

Enlarged RR Plans & Elevations

SHEET NO.

A6.00



1	Elev 1 - Poll Pads 122
---	------------------------

$$3/8" = 1'-0"$$

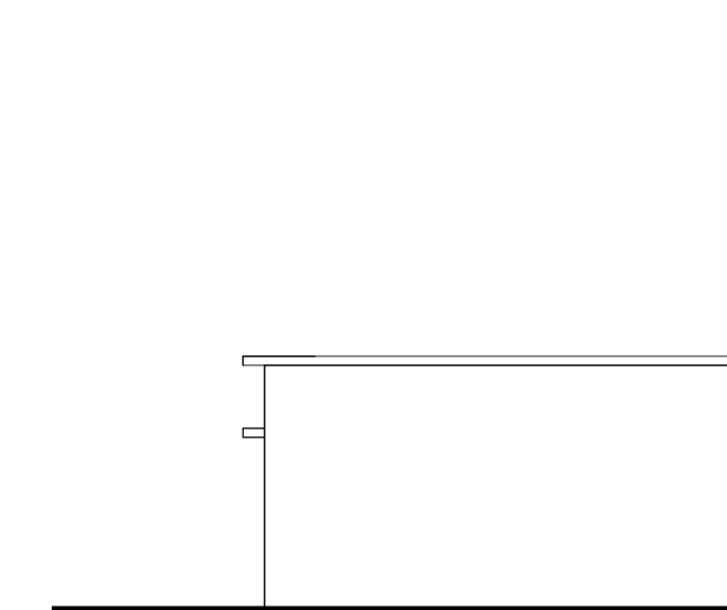
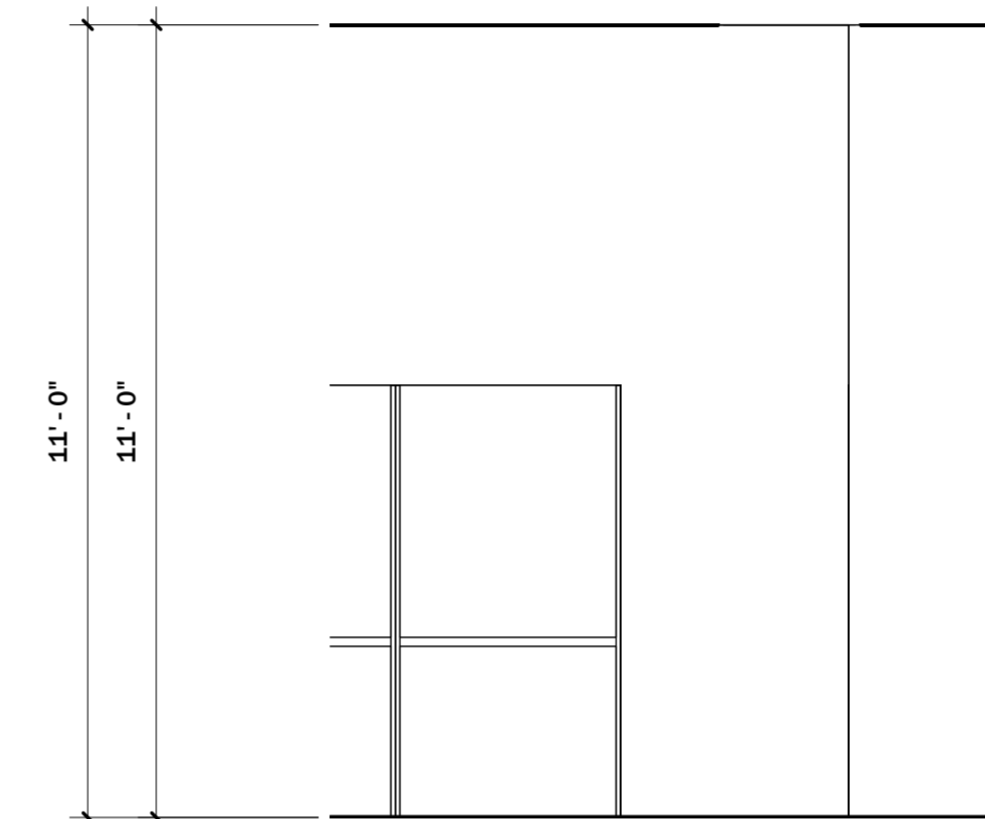
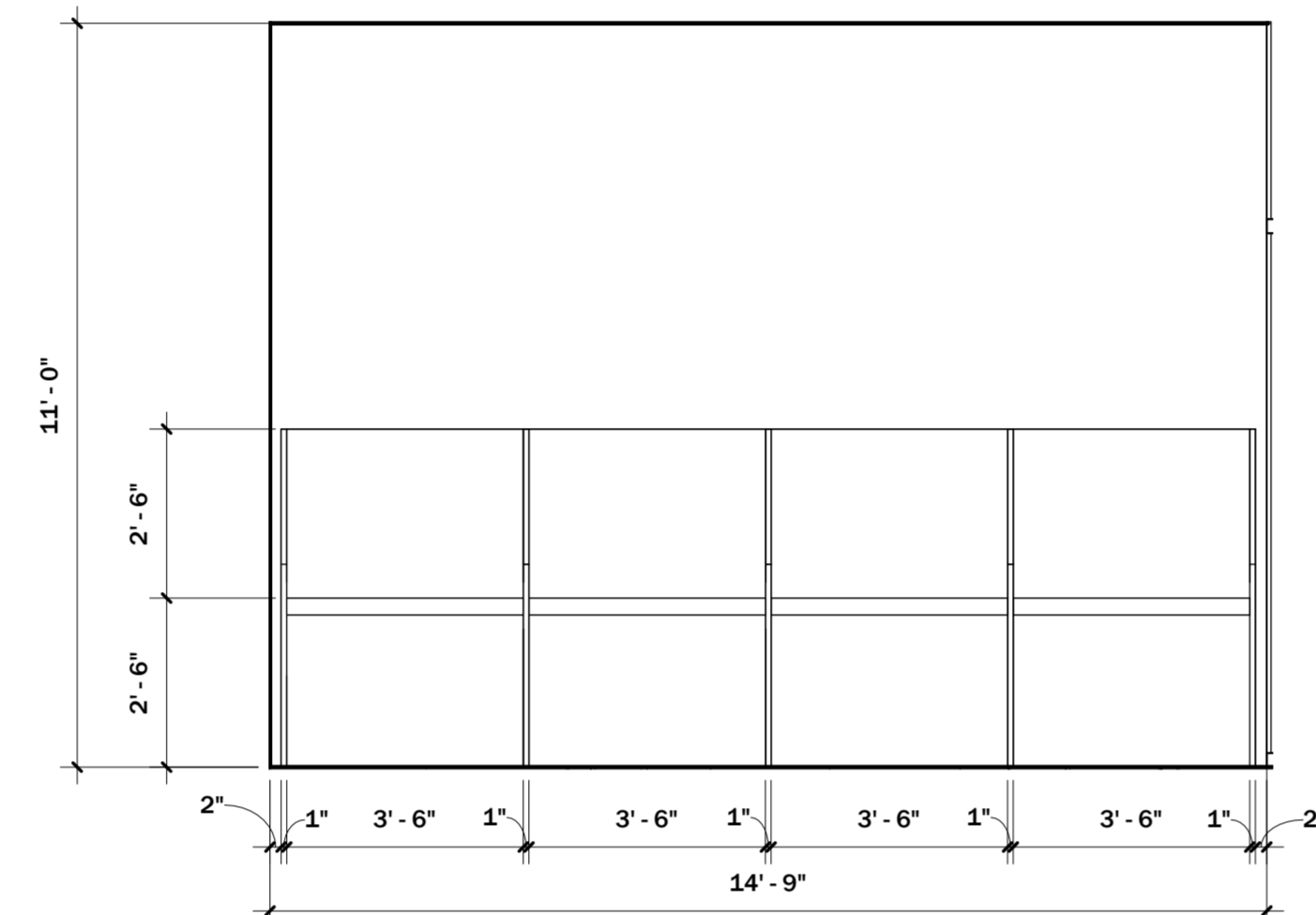
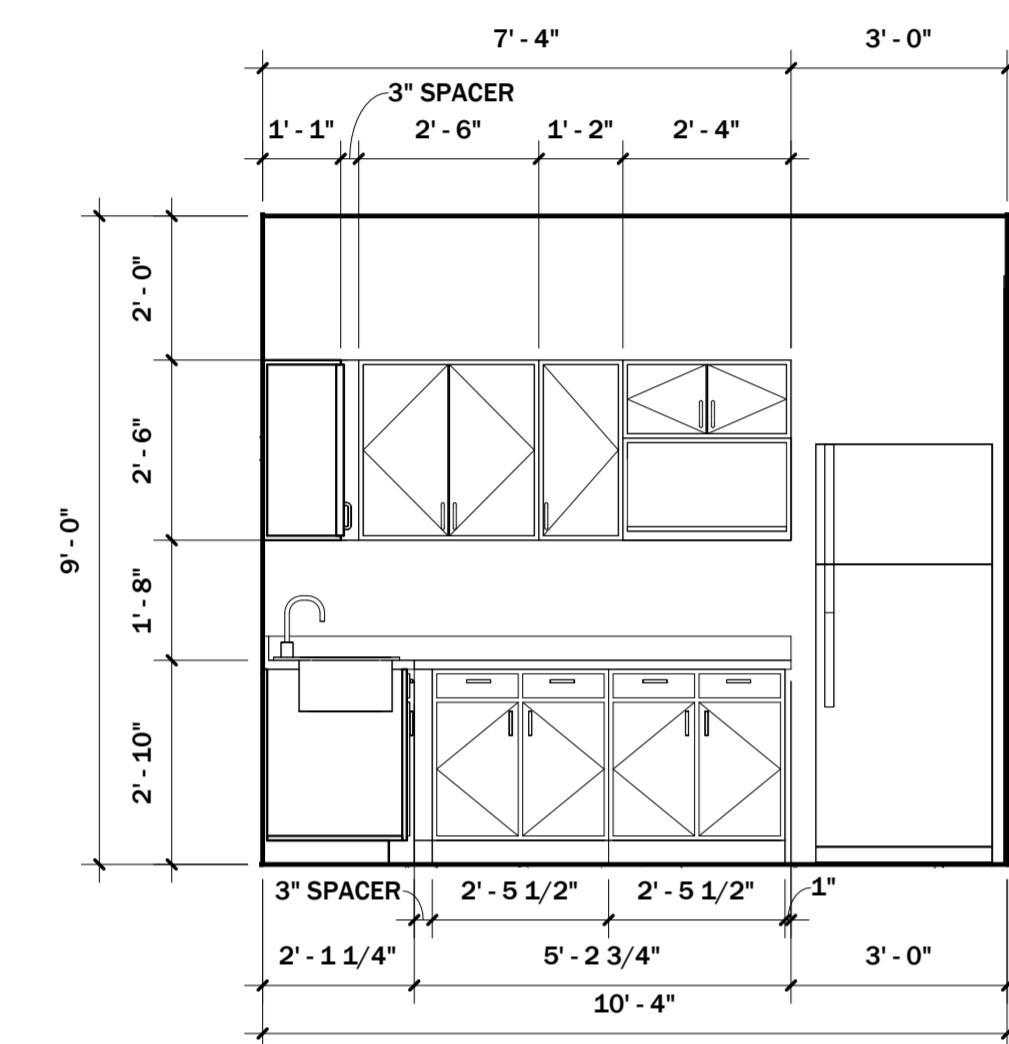
2	Elev 2 - Poll Pads 122
---	------------------------

$$\frac{3}{8}'' = 1'-0''$$

3	Elev 1 - Break Room 120
---	-------------------------

---

$3/8" = 1'-0"$



4	Elev 2 - Break Room 120
---	-------------------------

$$3/8" = 1'-0"$$

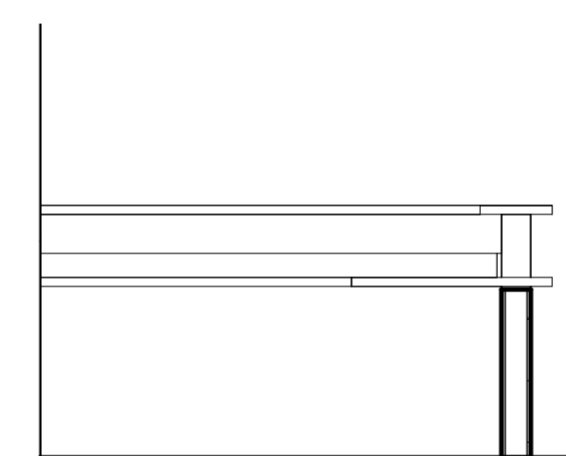
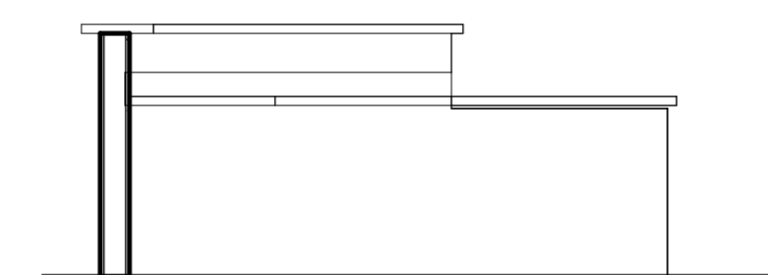
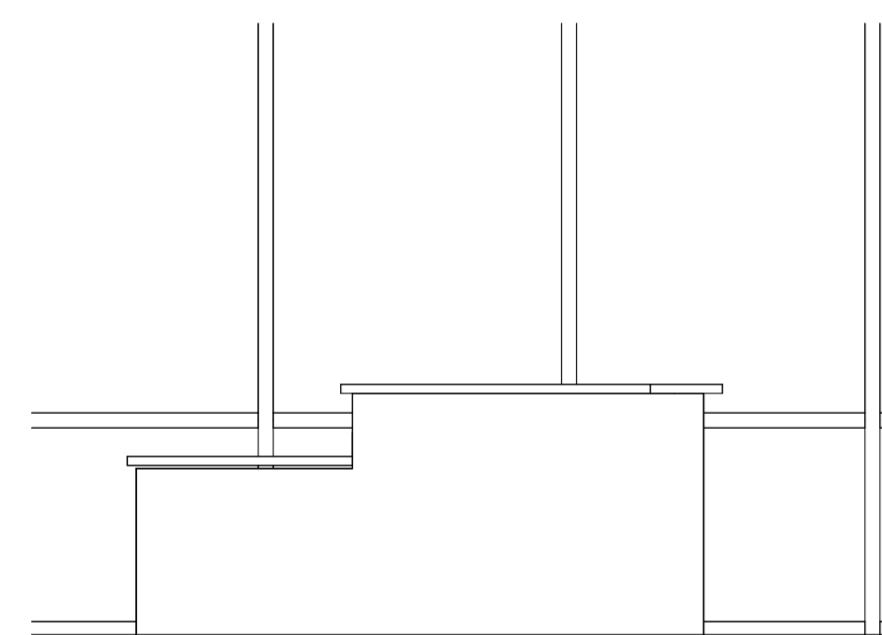
5	Elev - Voter Reg. Carrels
---	---------------------------

$$3/8" = 1'-0"$$

6	Typical Elev - Early Voting Carrels
---	-------------------------------------

$$3/8" = 1'-0"$$

7	Elev 1 - Lobby Reception Desk
---	-------------------------------

$$3/8" = 1'-0"$$


8	Elev 2 - Lobby Reception Desk
---	-------------------------------

$$3/8" = 1'-0"$$

9	Elev 3 - Lobby Reception Desk
---	-------------------------------

$$3/8" = 1'-0"$$

10	Elev 4 - Lobby Reception Desk
----	-------------------------------

$$3/8" = 1'-0"$$

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## Revisions

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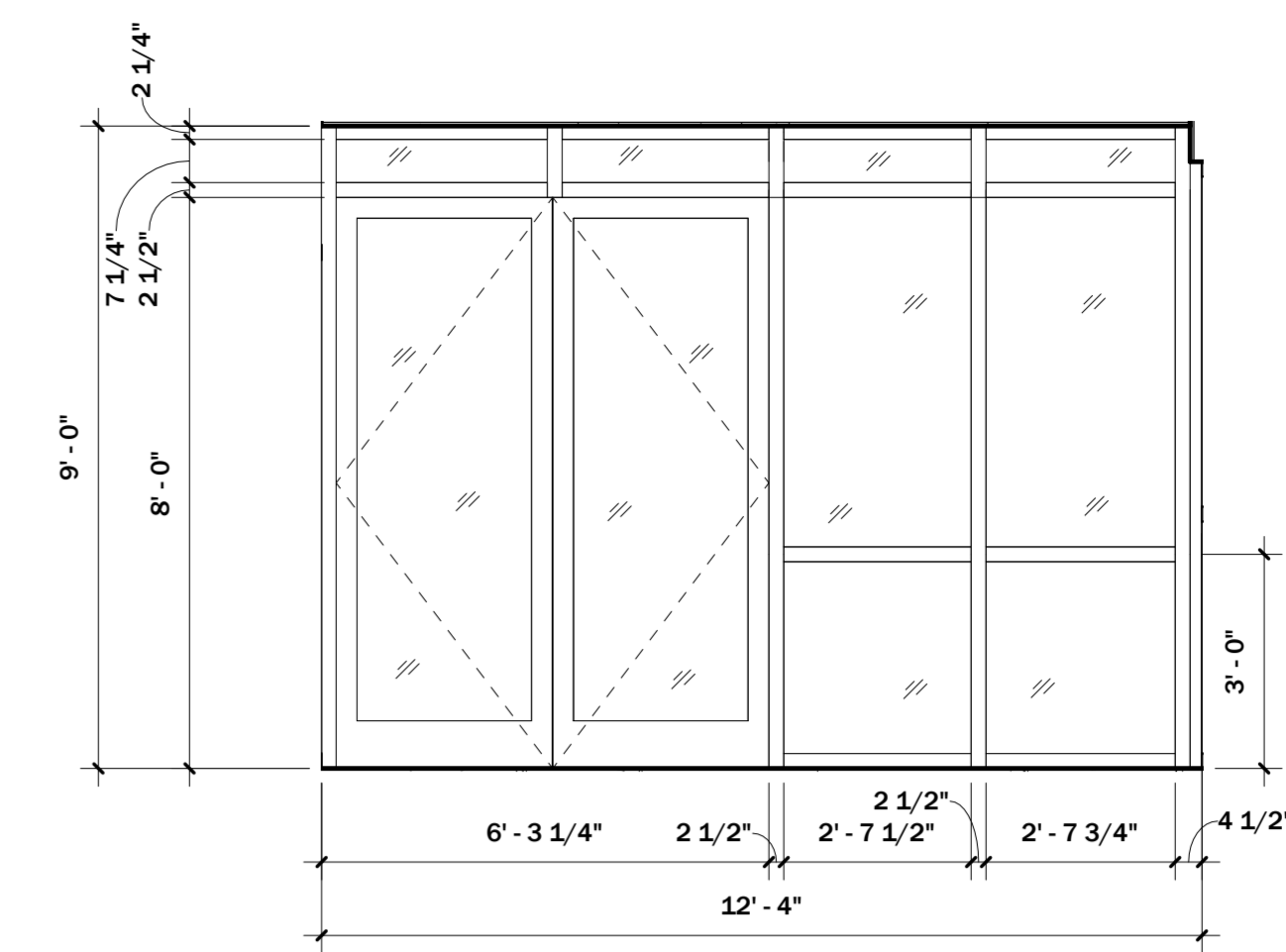
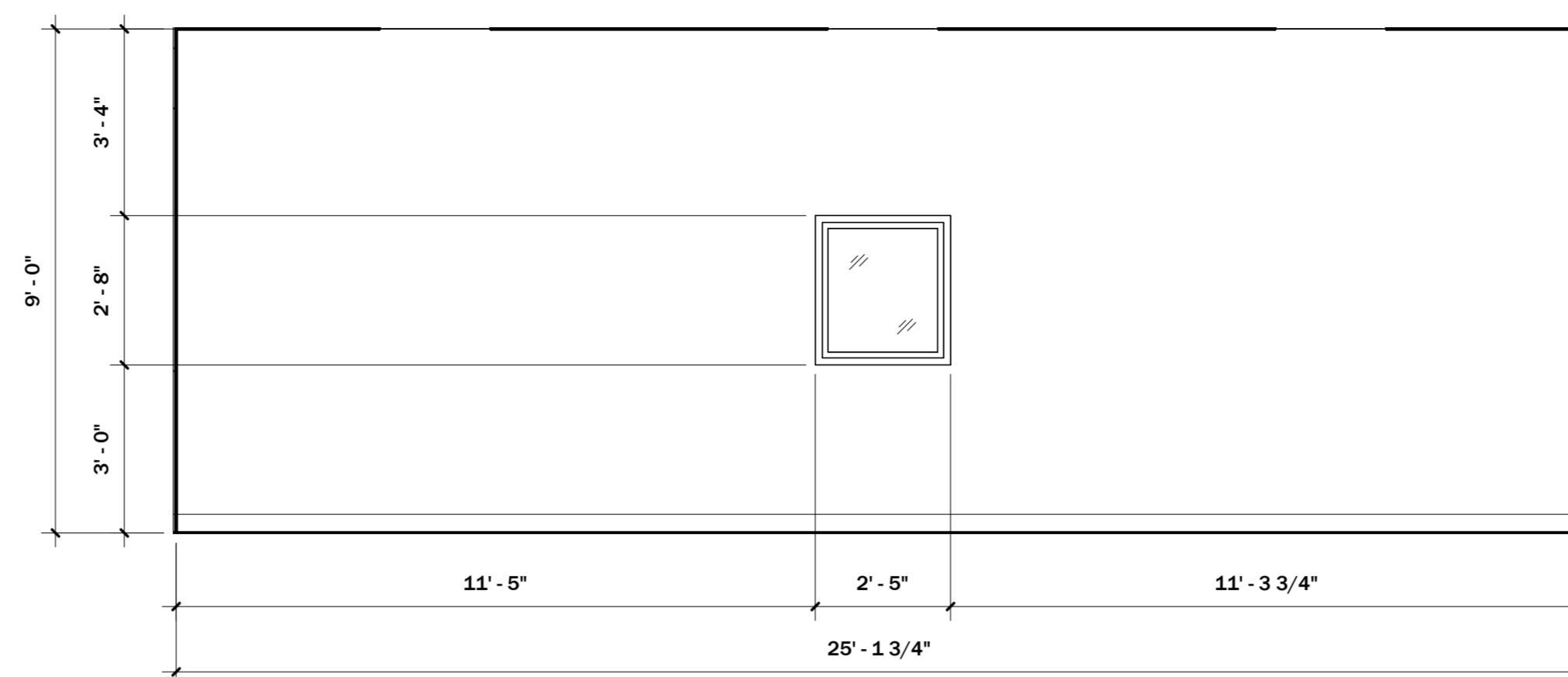
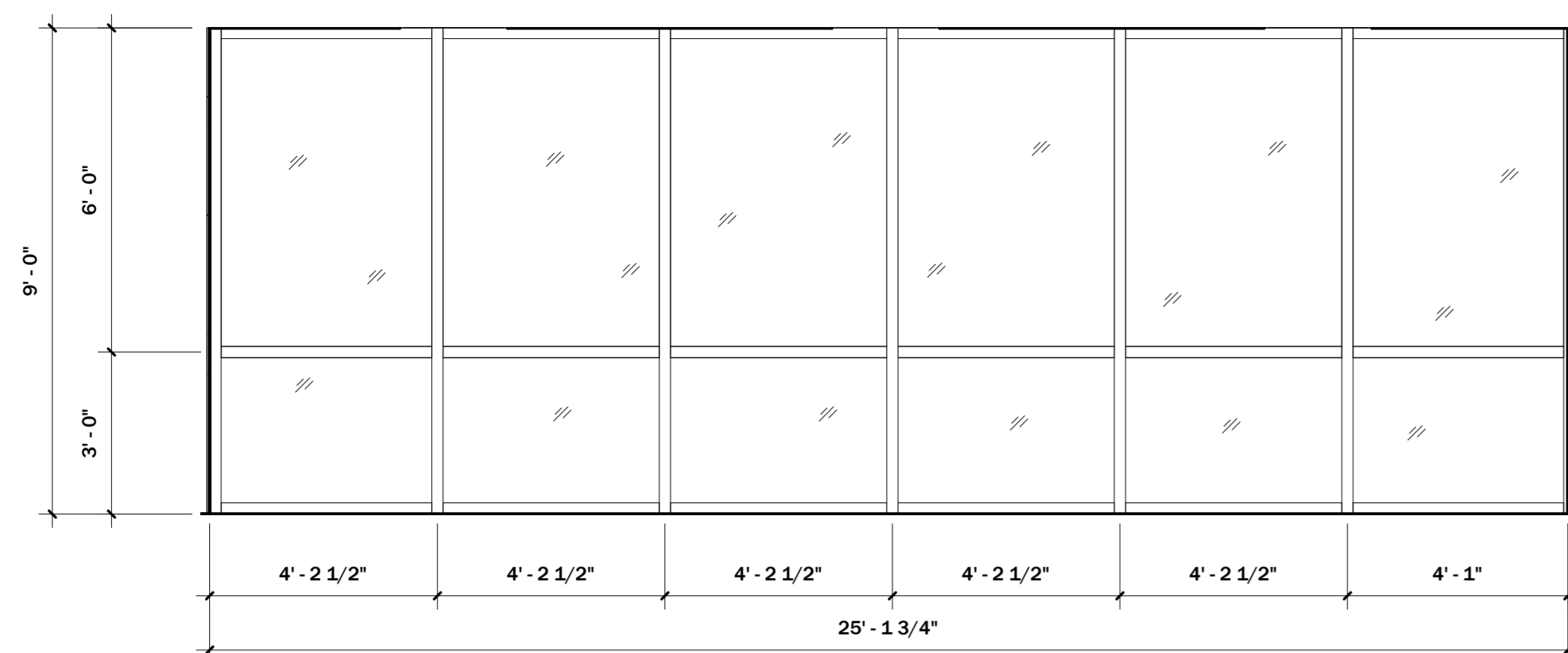
22102

**SHEET**

Casework Elevations

**SHEET**  
**NO.**

A7.10<sup>NO.</sup>



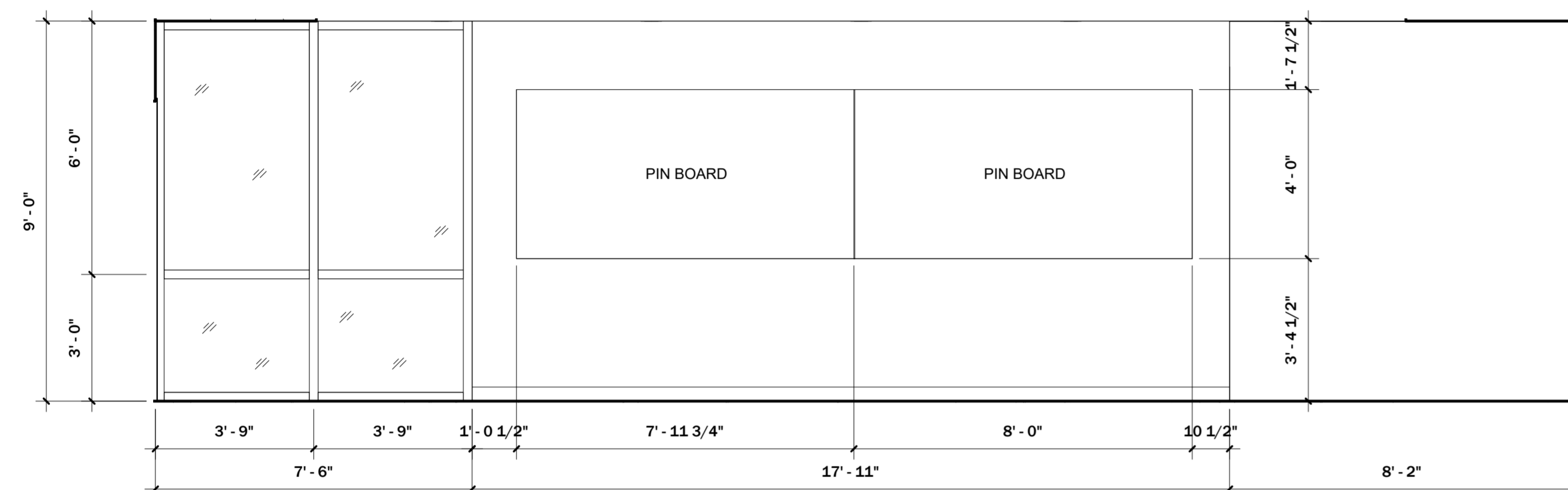
1	Elev - Data 117 Storefront Windows
---	------------------------------------

$$3/8" = 1'-0"$$

2	Elev - Data 117 View Window
---	-----------------------------

$$3/8" = 1'-0"$$

3	Elev - Vest. 100 Storefront
---	-----------------------------

$$3/8" = 1'-0"$$


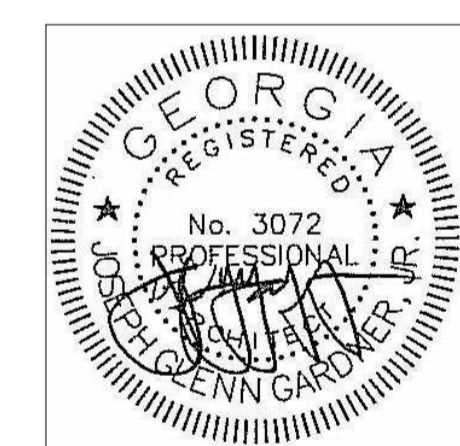
4	Elev - Lobby 102
---	------------------

$$3/8" = 1'-0"$$

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	<b>SHEET</b>
	<b>TITLE</b>

Interior Window Elevations

**SHEET**  
**NO.**

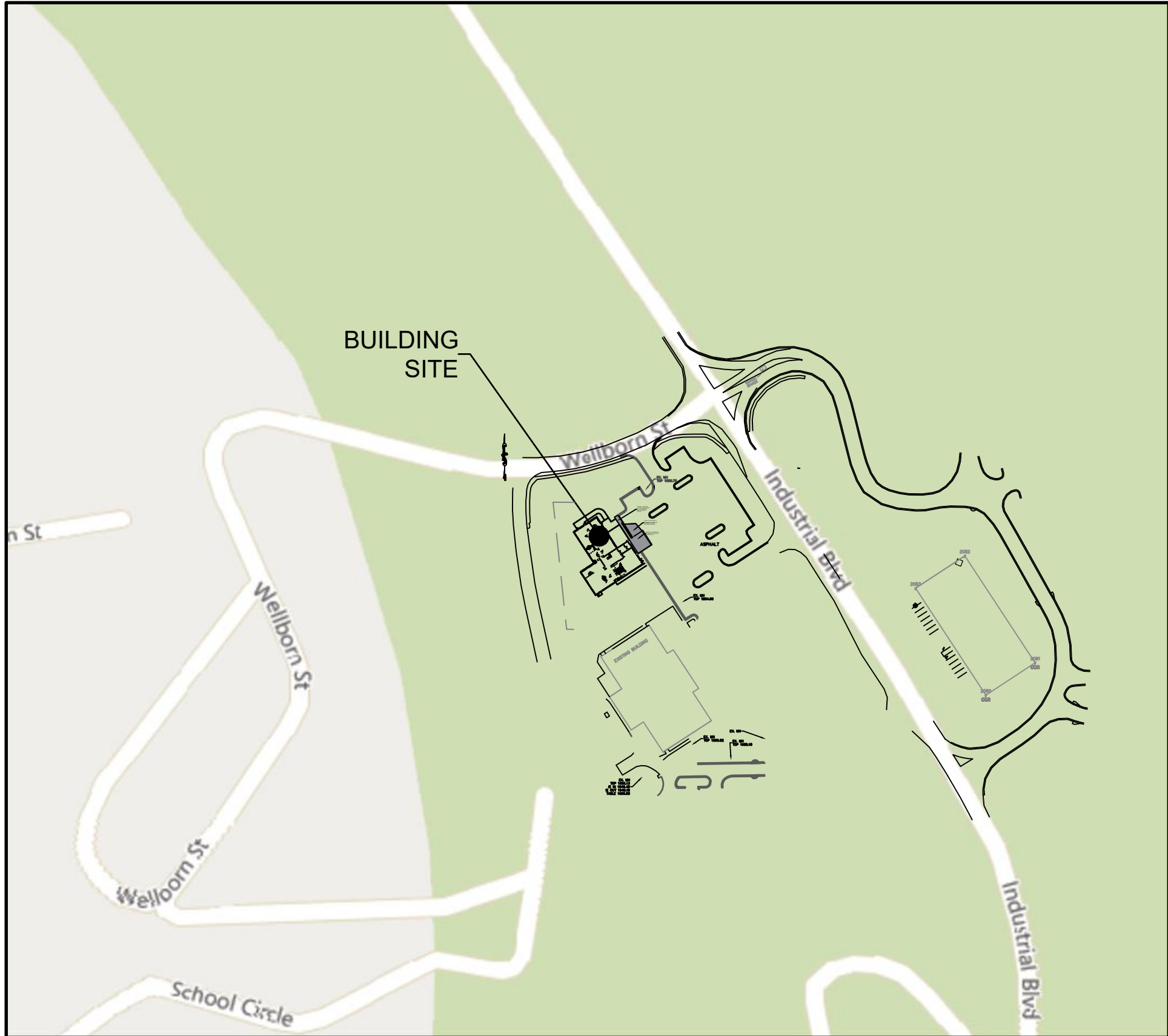
A7.11

# ELECTIONS BUILDING FOR UNION COUNTY, GA

**NOVEMBER 10, 2022**

## INDEX

G1	COVER SHEET
C1	EXISTING SITE CONDITIONS AND DEMOLITION PLAN
C2	SITE LAYOUT AND UTILITY PLAN
C3	GRADING PLAN
EC1	EROSION CONTROL PLAN
D1	CONSTRUCTION DETAILS



**PROJECT MAP**  
1" = 200'

[illegible]

# G1

**STAMP**

**SHEET NO**

OWNER  
UNION COUNTY  
65 COURTHOUSE STREET, SUITE 1  
BLAIRSVILLE, GA 30512  
ucmanager@uniongov.com  
(706) 439-6000

PRIMARY PERMITTEE:  
UNION COUNTY  
65 COURTHOUSE STREET, SUITE 1  
BLAIRSVILLE, GA 30512  
ucmanager@uniongov.com  
(706) 439-6000

**24 HOUR CONTACT:**  
**LARRY GARRETT**  
 ucmanager@uniongov.com  
 (706) 439-6000

GENERAL NOTES:

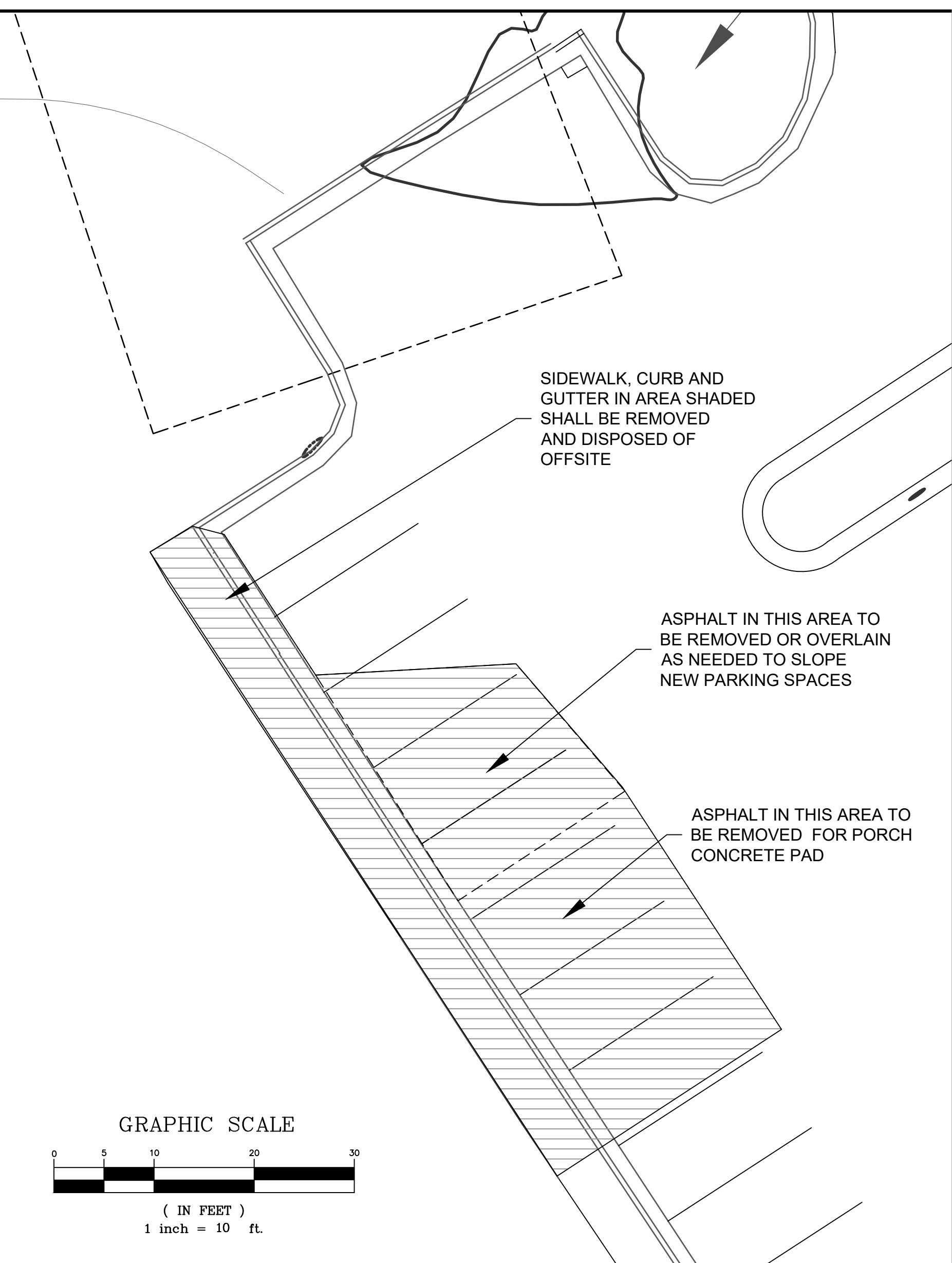
- LOCATION OF LOT LINES, PROPERTY LINES, RIGHT-OF-WAY LINES, AND OTHER LAND DIVISIONS REFERENCES WERE OBTAINED FROM RECORDED DATA AND LAND USE OBSERVATIONS. THE LAND DIVISIONS WERE NOT FIELD CHECKED. THEREFORE, THEY MUST ONLY BE CONSIDERED TO APPROXIMATELY REPRESENT THE ACTUAL LAND DIVISIONS, PROPERTY AND/OR EASEMENTS.
2. THE CONTRACTOR SHALL NOTIFY EACH INDIVIDUAL UTILITY OWNER OF HIS PLAN OF OPERATION IN THE AREA OF WORK. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY LOCATION SERVICE AND REQUEST THEM TO PROPERLY LOCATE THEIR RESPECTIVE UTILITY ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST THREE BUSINESS DAYS PRIOR TO COMMENCEMENT OF WORK.
3. CONTRACTOR TO NOTIFY THE UTILITY PROTECTION AGENCY 72 HOURS PRIOR TO START OF WORK. PHONE 811.
4. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO EXCAVATION OR DEMOLITION. ADDITIONAL UTILITIES MAY NOT BE SHOWN ON THESE PLANS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR LOCATIONS SHOWN.
5. IF THE CONTRACTOR DAMAGES ANY EXISTING UTILITIES DURING CONSTRUCTION, HE SHALL, AT HIS OWN EXPENSE, HAVE REPLACED OR REPAIRED THE UTILITIES TO THEIR ORIGINAL OR BETTER CONDITION AND QUALITY, AS APPROVED BY THE OWNER AND REPRESENTATIVE OF THE APPROPRIATE UTILITY COMPANY. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONTACTING ALL AFFECTED UTILITIES PRIOR TO SUBMITTING HIS BID IN ORDER TO DETERMINE THE EXTENT TO WHICH UTILITY RELOCATION'S AND/OR ADJUSTMENT WILL AFFECT THE SCHEDULING OF WORK FOR THE PROJECT. SOME UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS, WHILE SOME WORK MAY BE REQUIRED "AROUND" UTILITY FACILITIES THAT WILL REMAIN IN PLACE. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR WILL RECEIVE NO ADDITIONAL COMPENSATION FOR ANY DELAYS OR INCONVENIENCE CAUSED BY THE UTILITY ADJUSTMENTS.
6. CONTRACTOR IS TO MEET ALL LOCAL UTILITY COMPANY REGULATIONS IN ANY READJUSTMENT OR RELOCATION OF EXISTING SERVICES.
7. A MINIMUM HORIZONTAL SEPARATION OF 10' SHALL BE MAINTAINED BETWEEN WATER LINES AND SANITARY SEWER LINES. AN 18" MINIMUM VERTICAL SEPARATION SHALL BE MAINTAINED AT CROSSINGS OF WATER AND SEWER LINES. WHEN CROSSING A WATER LINE OR SEWER LINE, PIPE JOINTS SHALL BE PLACED AS FAR AWAY AS POSSIBLE FROM THE OTHER PIPE.
8. ALL CONSTRUCTION STAKING SHALL BE BY THE CONTRACTOR AT HIS EXPENSE.
9. WHEN CONSTRUCTION INVOLVES THE REMOVAL OF FENCE, POLES, SIDEWALKS, DRIVE, TEMPORARY OR FIXED STRUCTURES, THE CONTRACTOR AT HIS EXPENSE SHALL PROVIDE FOR TEMPORARY SERVICE OR CONTAINMENT TO THE AFFECTED PROPERTY, AND SHALL REPLACE SUCH ITEMS WITH SIMILAR OR BETTER MATERIALS AS SOON AS PRACTICAL OR AS DIRECTED BY THE OWNER FOLLOWING UTILITY INSTALLATION.
10. THE CONTRACTOR SHALL RESTORE OR HAVE RESTORED, AT HIS EXPENSE, ALL EXISTING FACILITIES WHICH HAVE BEEN DAMAGED DUE TO HIS CONSTRUCTION ACTIVITIES, TO THE ORIGINAL OR BETTER CONDITION. THE CONTRACTOR SHALL UTILIZE THE SAME MATERIAL COMPOSITION AS EXISTING TO REPLACE THE EXISTING FACILITIES UNLESS APPROVED OTHERWISE BY THE OWNER.
11. PEDESTRIAN AND LOCAL VEHICULAR TRAFFIC SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. SAFETY DEVICES AND FLAGMEN SHALL BE PROVIDED BY THE CONTRACTOR AT HIS EXPENSE. WRITTEN PERMISSION TO CLOSE THE STRUCTURE AND AFFECTED TRAFFIC MUST BE OBTAINED FROM THE APPROPRIATE GOVERNMENT AGENCY PRIOR TO THE CLOSING. ALL LOCAL EMERGENCY SERVICES SHALL BE NOTIFIED IN WRITING A MINIMUM 72 HOURS PRIOR TO ROAD CLOSINGS.
12. ALL EARTHWORK OPERATIONS SHALL COMPLY WITH THE REQUIREMENTS OF OSHA.
13. CONTOURS FOR THIS PROJECT WERE OBTAINED FROM BLUE RIDGE MOUNTAIN SURVEYING.
14. DISTURBED LANDSCAPE AREAS SUCH AS TREES, SHRUBS, GRASS LAWNS, ETC. SHALL BE RESTORED AND REPLACED WITH MATERIALS OF LIKE KIND (I.E.: SOD LAWNS SHALL BE REPLACED WITH SOD OF SAME VARIETY AND QUALITY). THE CONTRACTOR WILL BE RESPONSIBLE FOR REPLACING ANY EXISTING TREES, SHRUBS, GRASS LAWNS, OR OTHER EXISTING LANDSCAPE AND PLANT MATERIAL THAT ARE DAMAGED OR KILLED AS A RESULT OF CONSTRUCTION ACTIVITIES FOR ONE YEAR AFTER INSTALLATION OF WATERLINE. PLANT MATERIAL SHALL BE REPLACED WITH LIKE SIZE AND KIND OR PROPERTY OWNER SHALL BE APPROPRIATELY COMPENSATED. COMPENSATION WILL BE APPRAISED BY A QUALIFIED LANDSCAPE COMPANY.

## OBSTRUCTIONS ENCOUNTERED:

IN ADDITION TO SHOWING THE STRUCTURES TO BE BUILT FOR THIS PROJECT, THE DRAWINGS SHOW CERTAIN INFORMATION OBTAINED BY THE ENGINEER REGARDING THE PIPES, POLE LINES, CONDUITS AND OTHER STRUCTURES WHICH EXIST ALONG THE LINE OF THE WORK, BOTH AT AND BELOW THE SURFACE OF THE GROUND. THE ENGINEER AND THE OWNER EXPRESSLY DISCLAIM ANY RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION GIVEN ON THE DRAWINGS WITH REGARD TO EXISTING STRUCTURES, AND THE CONTRACTOR SHALL NOT BE HELD TO BE RESPONSIBLE FOR ANY DAMAGE OR ACCOUNT OF INACCURACY OR INCOMPLETENESS OF SUCH INFORMATION. SAID STRUCTURES BEING INDICATED ONLY FOR THE CONVENIENCE OF THE CONTRACTOR, WHO MUST VERIFY THE INFORMATION TO HIS OWN SATISFACTION. THE GIVING OF THIS INFORMATION UPON THE CONTRACT DRAWINGS WILL NOT RELIEVE THE CONTRACTOR OF HIS OBLIGATION TO SUPPORT AND PROTECT ALL PIPES, CONDUITS, AND OTHER STRUCTURES WHICH MAY BE ENCOUNTERED DURING THE CONSTRUCTION OF WORK, AND TO MAKE GOOD ALL DAMAGES TO SUCH PIPES, CONDUITS, AND OTHER STRUCTURES. AS PROVIDED IN THE SPECIFICATIONS, THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND OBSTRUCTIONS PRIOR TO EXCAVATION SO AS TO PREVENT DAMAGE TO THOSE SERVICES OR OTHER UTILITIES. ANY SUCH DAMAGES MUST BE REPAIRED WITHOUT DELAY AND THE COST OF SUCH REPAIRS SHALL BE PAID FOR BY THE CONTRACTOR.

# DON BAKER ENGINEERING

89 GRANDWATER DRIVE  
SUWANEE, GA 30024  
770-403-4527



# DEMOLITION PLAN

1" = 10'

SURVEY PROVIDED BY:  
BLUE RIDGE MOUNTAIN SURVEYING  
1365 MURPHY HWY  
BLAIRSVILLE, GA 30512  
(706) 897-7900



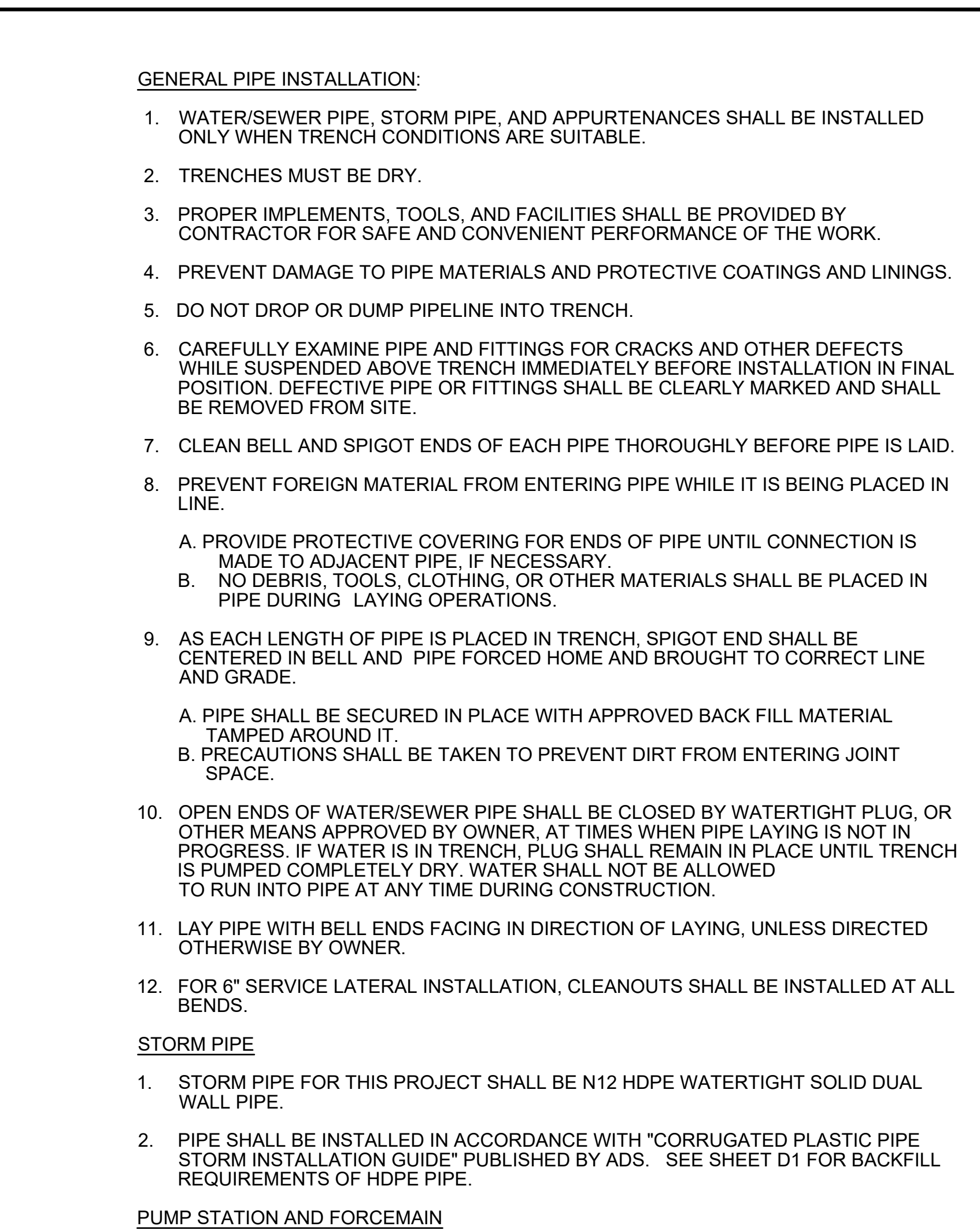
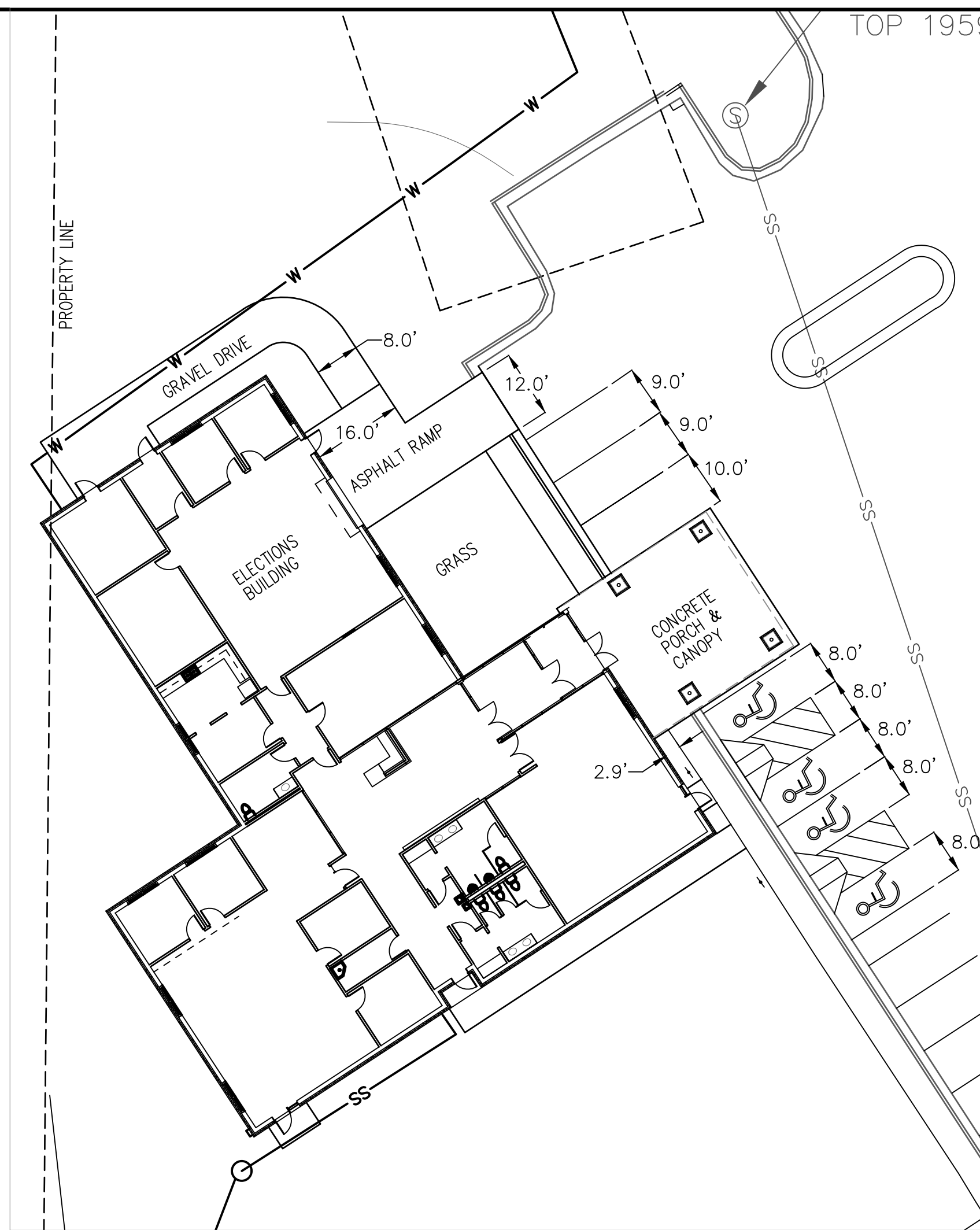
**Know what's below.  
Call before you dig.**

EXISTING		PROPOSED
	WATERLINE	
	WATER GATE VALVE	
	FIRE HYDRANT	N/A
	WATER METER	N/A
	SEWERLINE	
	SEWER MANHOLE	N/A
	SEWER LATERAL CLEAN OUT	N/A
	EDGE OF PAVEMENT	N/A
	EDGE OF PAVEMENT WITH CURB	N/A
	PROPERTY LINE	N/A
	RIGHT OF WAY	N/A
	UTILITY POLE	N/A
	GUY WIRE	N/A
	POWER LINE	N/A
	TELEPHONE PEDESTAL	N/A
	GAS LINE	N/A
	GAS LINE MARKER	N/A
	TRANSFORMER UNDERGROUND POWER	N/A
	TV PEDESTAL	N/A
	UTILITY POLE	N/A
	CONCRETE MONUMENT	N/A
	FENCE	
	GUARD RAIL	N/A
	TREE	N/A
	LIGHT POLE	N/A
	STORM WATER CULVERT	N/A
	SURFACE FLOW	N/A
	STORM WATER SURFACE FLOW	N/A
	CONTOURS	
	SPOT ELEVATION	
N/A	RIP RAP	
	SPOT ELEVATION	

## UTILITY DISCLAIMER

IN ADDITION TO SHOWING THE STRUCTURES TO BE BUILT UNDER THIS CONTRACT, THE DRAWINGS SHOW CERTAIN INFORMATION OBTAINED BY THE ENGINEER REGARDING THE PIPES, POLE LINES, CONDUITS, AND OTHER STRUCTURES WHICH EXIST ALONG THE LINE OF THE WORK, BOTH AT AND BELOW THE SURFACE OF THE GROUND. THE ENGINEER AND THE OWNER EXPRESSLY DISCLAIM ANY RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION GIVEN ON THE DRAWINGS WITH REGARD TO EXISTING STRUCTURES, AND THE CONTRACTOR WILL NOT BE ENTITLED TO ANY EXTRA COMPENSATION ON ACCOUNT OF ANY INACCURACY OR COMPLETENESS OF THE INFORMATION SAID STRUCTURES BEING INDICATED ONLY FOR THE CONVENIENCE OF THE CONTRACTOR, WHO MUST VERIFY THE INFORMATION TO HIS OWN SATISFACTION. THE GIVING OF THIS INFORMATION UPON THE CONTRACT DRAWINGS WILL NOT RELIEVE THE CONTRACTOR OF HIS OBLIGATION TO SUPPORT AND PROTECT ALL PIPES, CONDUITS, AND OTHER STRUCTURES. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND OBSTRUCTIONS PRIOR TO EXCAVATION SO AS TO PREVENT ANY DAMAGE TO THOSE SERVICES OR OTHER UTILITIES. ANY SUCH DAMAGES MUST BE REPAIRED WITHOUT DELAY AND THE COST OF SUCH REPAIRS MUST BE BORNE BY THE CONTRACTOR.

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## PUMP STATION AND FORCEMAIN

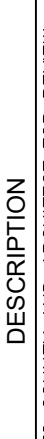
1. PUMP STATION SHALL BE LIBERTY DUPLEX STATION SERIES D3600 MODEL D3672LSG203-48-IP-S-SC, 208/230 VOLT THREE PHASE. CONTROL PANEL MODEL IPD-34-511 (FOR 3 PHASE). PUMP SHALL BE LSG WITH TDH 50 GPM @ 27 FT. TOP OF WET WELL SHALL BE 6 INCHES ABOVE GRADE. WETWELL SHALL HAVE STEEL COVER. GUIDE RAILS SHALL BE STAINLESS STEEL. CONTRACTOR TO SUBMIT SHOP DRAWING PRIOR TO ORDERING PUMP STATION. CONTROL PANEL SHALL BE MOUNTED ON SIDE OF BUILDING OR ON UNISTRUT. SEE PUMP STATION DETAILS, SHEET C4.
2. 2" PVC FORCE MAIN PIPE SHALL BE SDR 21 RATED AT 200 PSI. JOINTS SHALL BE BELL AND RING TYPE CONFORMING TO ASTM D-3139.
3. FORCE MAIN PIPING SHALL HAVE CONCRETE BLOCKING AT ALL BENDS.
4. MINIMUM COVER OVER FORCE MAIN PIPING SHALL BE 30 INCHES.
5. BACKFILL OF FORCE MAIN SHALL BE SUFFICIENT SO THAT A DEPRESSION WILL NOT BE NOTICED AFTER ONE YEAR. CONTRACTOR MAY MOUND TRENCH TO PREVENT EXCESSIVE SETTLEMENT.
6. DETECTOR TAPE SHALL BE INSTALLED A MINIMUM OF ONE (1) FOOT OVER PVC FORCE MAIN.

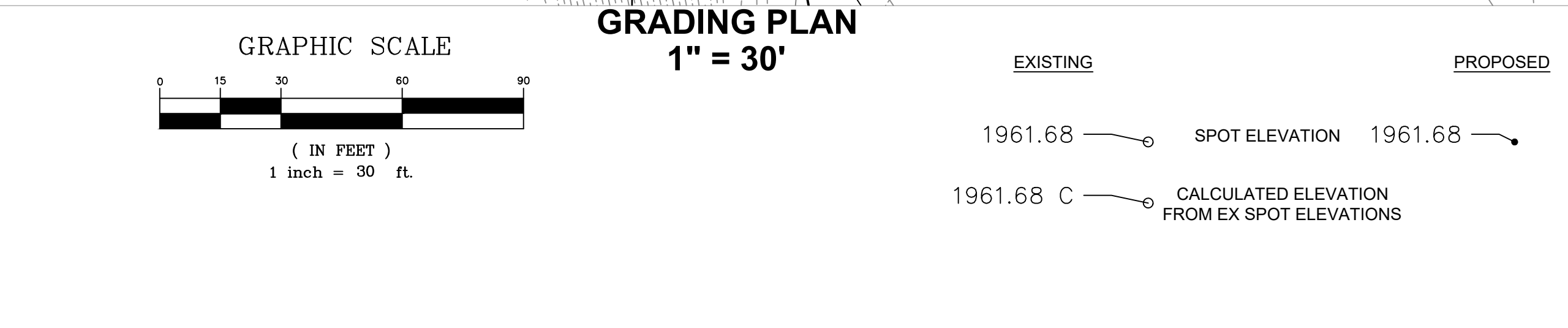
## WATER SYSTEM

1. CONTACT CITY OF BLAIRSVILLE UTILITY DEPARTMENT FOR SERVICE CONNECTION.
2. CONTRACTOR TO ENLARGE 3/4" WATER LINE JUST OUTSIDE OF WATER METER TO 1" DIAMETER. PIPE TO BUILDING SHALL BE 1" DIAMETER SDR 18 PVC (200 PSI) OR SDR 9 PC 200 HDPE AND INSTALLED BY CONTRACTOR.
3. DETECTOR TAPE SHALL BE INSTALLED A MINIMUM OF ONE (1) FOOT OVER WATER LINE.

## UTILITY DISCLAIMER

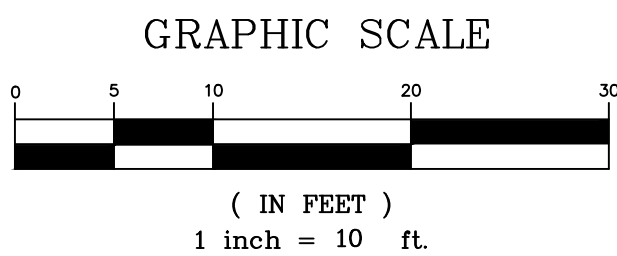
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<div style="border: 1px solid black; border-radius: 50%; width: 60px; height: 60px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="font-size: 24px; font-weight: bold; margin: 0;">C2</div> </div>		<div style="border: 1px solid black; padding: 2px;"> <div style="display: flex; justify-content: space-between;"> <div>11/10/2022</div> <div>2022.52</div> <div style="border: 1px solid black; padding: 2px; font-size: 0.8em;">z: Projects</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 2px;"> <div>DATE</div> <div>JOB NUMBER</div> <div>FILE LOCATION</div> </div> </div>		<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 100px;">  </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <div>11/17/2022</div> <div>STAMP</div> </div>		<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <b>SITE LAYOUT PLAN</b> </div> <div style="width: 60%; text-align: center;"> <b>SHEET TITLE</b> </div> <div style="width: 20%; text-align: right;">           DESIGN BY  <div style="display: flex; justify-content: space-between; border-top: 1px solid black; border-bottom: 1px solid black; height: 1.2em; margin: 2px 0;"> <span>DWB</span> <span>DWB</span> </div> </div> </div>				<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <b>ELECTIONS BUILDING FOR UNION COUNTY, GA</b> </div> <div style="width: 60%; text-align: center;"> <b>DON BAKER ENGINEERING</b> </div> <div style="width: 20%; text-align: right;">           89 GRANDWATER DRIVE            SUWANEE, GA 30024            770-403-4527         </div> </div>				<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;">           11/17/2022         </div> <div style="width: 60%; text-align: center;"> <b>DATE</b> </div> <div style="width: 20%; text-align: right;"> <b>NO.</b> </div> </div>				<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;">           11/17/2022         </div> <div style="width: 60%; 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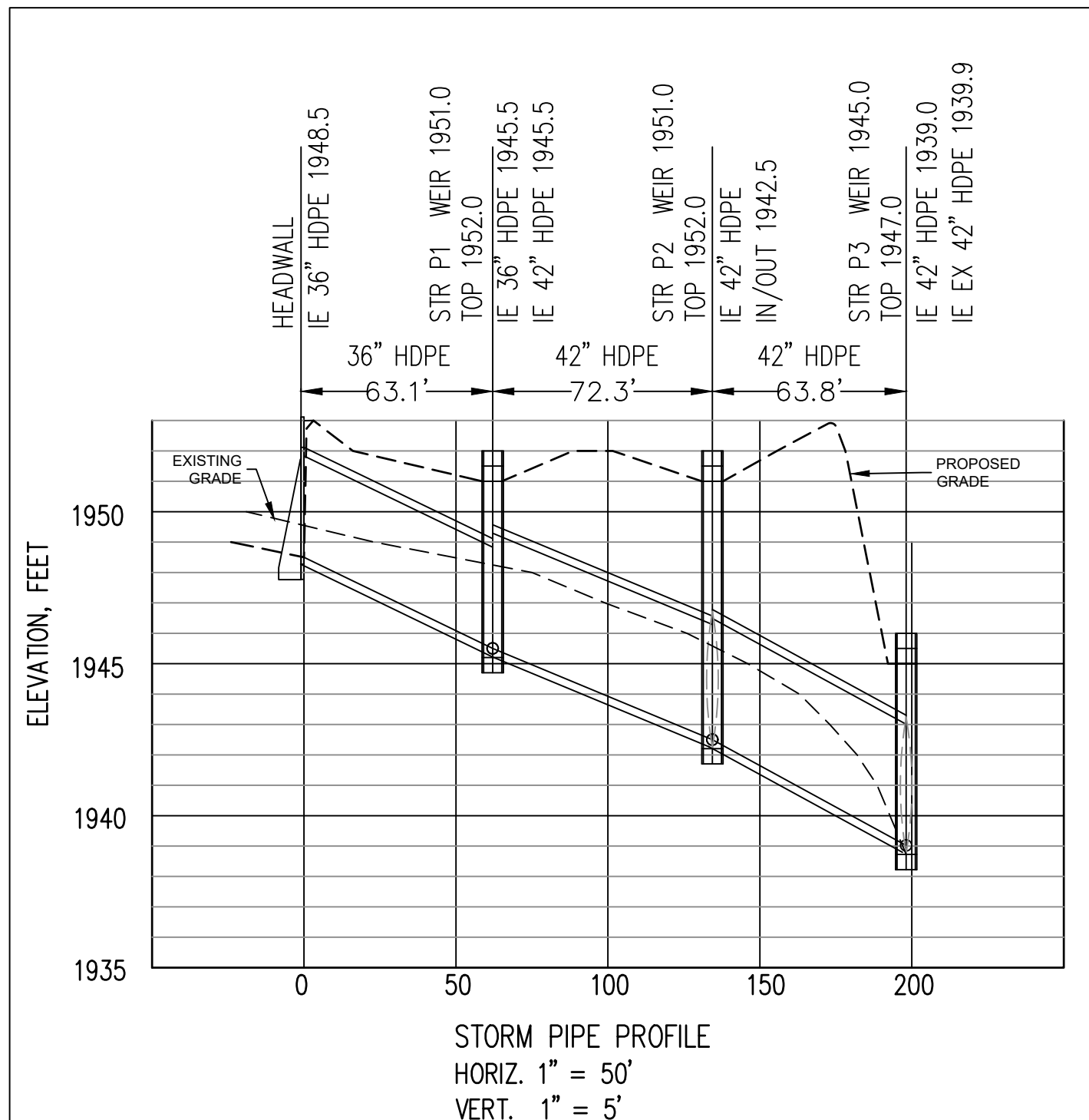


IN ADDITION TO SHOWING THE STRUCTURES TO BE BUILT UNDER THIS CONTRACT, THE DRAWINGS SHOW CERTAIN INFORMATION OBTAINED BY THE ENGINEER REGARDING THE PIPES, POLE LINES, CONDUITS, AND OTHER STRUCTURES WHICH EXIST ALONG THE LINE OF THE WORK, BOTH AT AND BELOW THE SURFACE OF THE GROUND. THE ENGINEER AND THE OWNER EXPRESSLY DISCLAIM ANY RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION GIVEN ON THE DRAWINGS WITH REGARD TO EXISTING STRUCTURES, AND THE CONTRACTOR WILL NOT BE ENTITLED TO ANY EXTRA COMPENSATION ON ACCOUNT OF ANY INACCURACY OR INCOMPLETENESS OF SUCH INFORMATION, SAID STRUCTURES BEING INDICATED ONLY FOR THE CONVENIENCE OF THE CONTRACTOR, WHO MUST VERIFY THE INFORMATION TO HIS OWN SATISFACTION. THE CONTRACTOR SHALL NOT BE RELIEVED BY THE CONTRACT DRAWINGS WILL NOT RELIEVE THE CONTRACTOR OF HIS OBLIGATION TO SUPPORT AND PROTECT ALL PIPES, CONDUITS AND OTHER STRUCTURES. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND OBSTRUCTIONS PRIOR TO EXCAVATION SO AS TO PREVENT ANY DAMAGE TO THOSE SERVICES OR OTHER UTILITIES. ANY SUCH DAMAGES MUST BE REPAIRED WITHOUT DELAY AND THE COST OF SUCH REPAIRS MUST BE BORNE BY THE CONTRACTOR.


1. CONTOUR INTERVALS ARE 1 FOOT.
2. ALL EARTHWORK OPERATIONS SHALL COMPLY WITH REQUIREMENTS OF OSHA CONSTRUCTION STANDARDS, PART 1926, SUBPART P, EXCAVATIONS, TRENCHING, AND SHORING, AND SUBPART O, MOTOR VEHICLES, MECHANIZED EQUIPMENT, AND MARINE OPERATIONS, AND SHALL BE CONDUCTED IN A MANNER ACCEPTABLE TO OWNER/ENGINEER.
3. FILL MATERIALS SHALL CONSIST OF CLEAN SOIL, FREE OF ORGANIC OR DELETERIOUS MATERIALS, ROCKS, OR BROKEN PIECES OF CONCRETE LARGER THAN THREE INCHES IN SIZE, OR OF ANY OTHER FOREIGN OBJECTS THAT COULD IMPEDE COMPACTION RESULTS.
4. FILL MATERIALS SHALL BE SPREAD EVENLY IN HORIZONTAL LAYERS OF NOT MORE THAN 8 INCHES IN LOOSE LIFTS OVER THE FULL WIDTH OF FILL AND COMPACTED TO AT LEAST 95% MAXIMUM DRY DENSITY BY STANDARD PROCTOR COMPACTION TEST ASTM D698 UNLESS OTHERWISE NOTED.
5. MAXIMUM CUT OR FILL SLOPES ARE 2H:1V.
6. GRADE TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS INTO STORM CHANNELS.



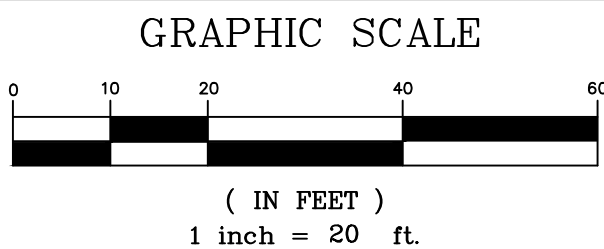
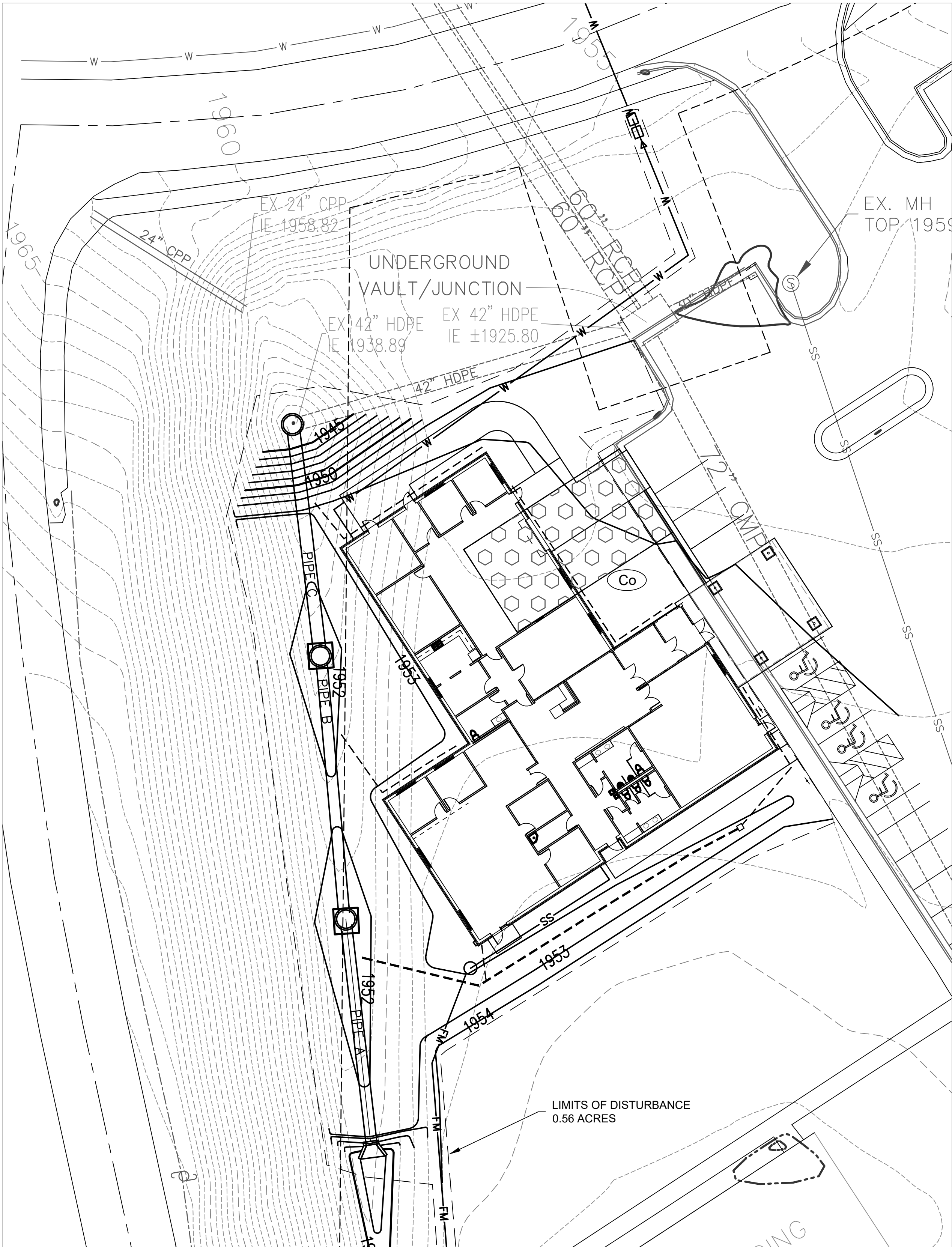
**SPOT GRADES**  
**1" = 10'**



11/17/2022	
<b>STAMP</b>	
11/10/2022	DATE
2022.52	JOB NUMBER
z: projects	FILE LOCATION



SHEET



EROSION CONTROL PLAN  
1" = 20'

PROJECT NOTES

PROJECT DESCRIPTION: THIS PROJECT CONSIST OF CONSTRUCTING A APPROXIMATELY 7550 SF ELECTIONS BUILDING. THE TOTAL DISTURBED AREA IS APPROXIMATELY 0.56 ACRES.

THIS PROJECT IS NOT WITHIN 200 FEET OF STATE WATERS.

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES.

EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

MULCHING

ALL SLOPED AREAS TO BE MULCHED AND TEMPORARILY GRASSED WITH 2 1/2 TONS PER ACRE OF DRY STRAW.

TEMPORARY GRASSING

SPECIES	RATE	PLANTING DATE
RYE GRASS-ANNUAL	40-50#/AC.	AUGUST THRU MID-APRIL
BROWNTOP MILLET	30-40#/AC.	APRIL THRU MID-JULY
RYE	160-170#/AC.	MID-AUGUST THRU DECEMBER

PERMANENT GRASSING:

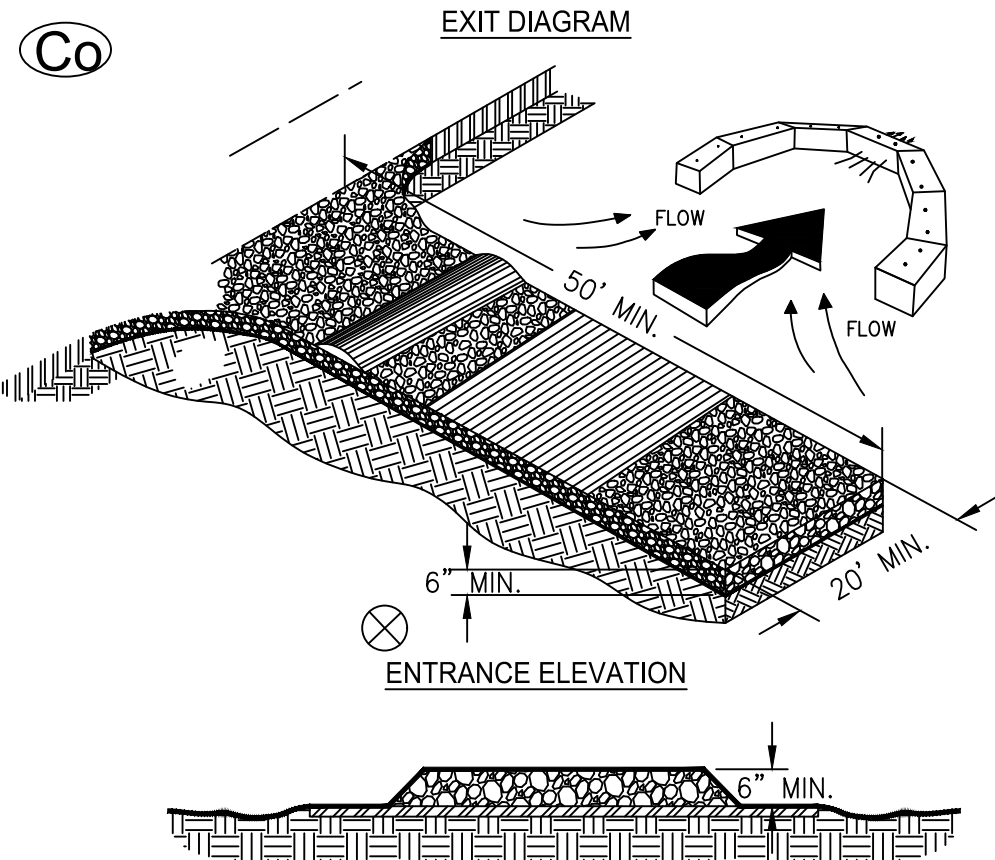
PERMANENT GRASSING SHALL CONSIST OF GROUND PREPARATION, LIMING AND FERTILIZATION, SEEDING, AND MULCHING.

THE GROUND SHALL BE PREPARED BY PLOWING AND DISKING NOT LESS THAN 4". FERTILIZER AND LIME SHALL BE UNIFORMLY MIXED INTO THE GROUND - FERTILIZER AT A RATE OF 1500#/AC. AND LIME AT 2000#/AC. THE GROUND SHALL BE FINISHED OFF SMOOTH AND UNIFORM BEING FREE OF ROCKS, CLODS, ROOTS, ETC. FERTILIZER MIXED GRADE SHALL BE EITHER 4-12- 12; 6-12-12 OR 5-10-15. SEEDING SHALL BE DONE WITHIN 24 HOURS OF THE FERTILIZER APPLICATION, WEATHER PERMITTING. SEED SHALL BE UNIFORMLY SPREAD AT THE RATE SHOWN BELOW. MULCHING IS REQUIRED AND SHALL BE DONE IMMEDIATELY AFTER SEEDING. MULCH SHALL BE UNIFORMLY APPLIED OVER THE AREA LEAVING APPROXIMATELY 25% OF THE GROUND SURFACE EXPOSED. THE RATE OF APPLICATION SHALL BE DOUBLED ON SIDE SLOPES 4:1 AND STEEPER.

SPECIES	RATE	PLANTING DATE
TALL FESCUE	50#/AC.	AUGUST THRU OCTOBER
COMMON BERMUDA (HULLED)	10#/AC.	MARCH THRU JUNE
COMMON BERMUDA (UNHULLED)	10#/AC.	OCTOBER THRU FEBRUARY
WEeping LOVEGRASS	4#/AC.	MARCH THRU JUNE

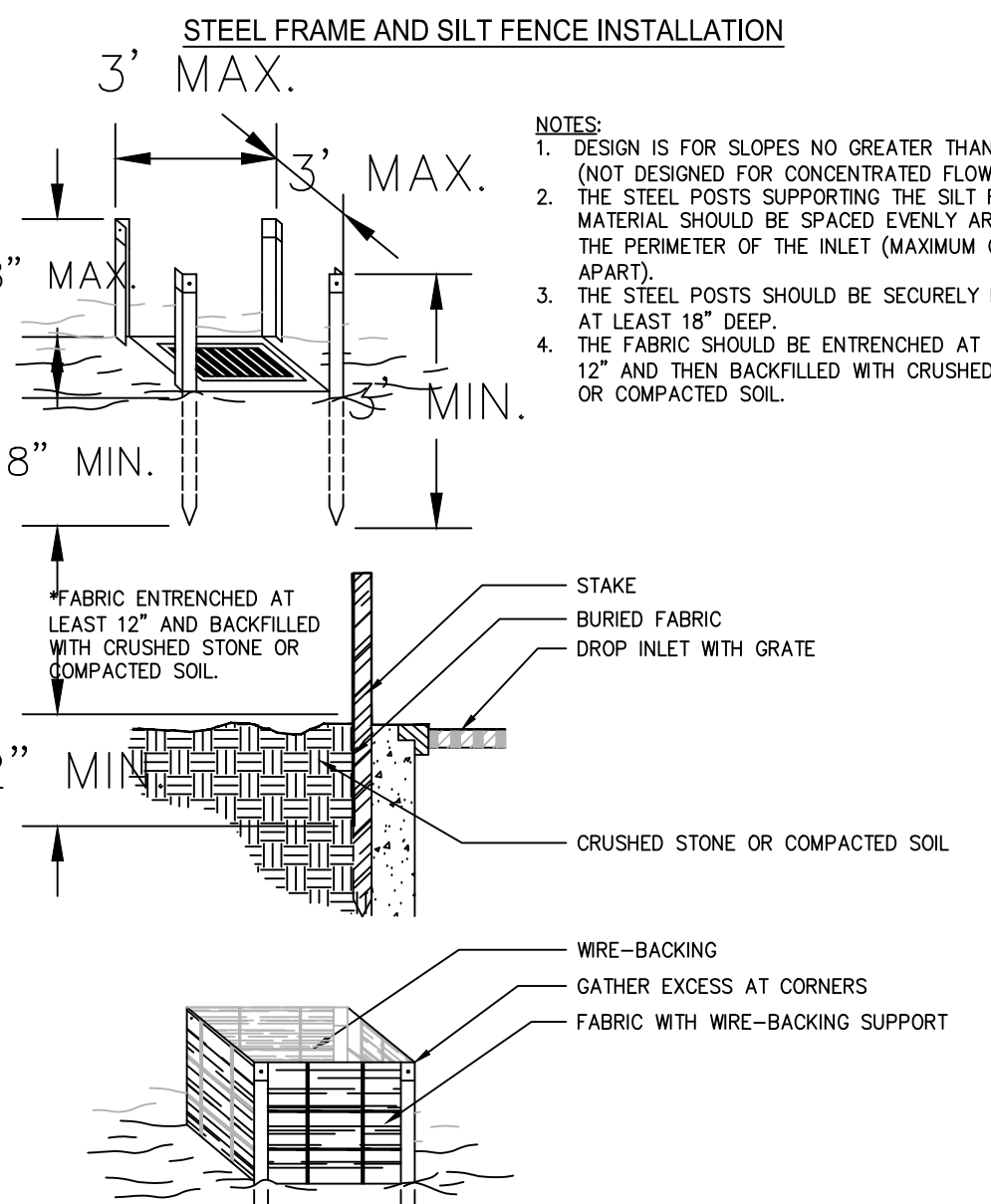
EROSION CONTROL LEGEND	
Du	DUST CONTROL
ALL DISTURBED AREA	
Co	CONSTRUCTION EXIT
Sd2-F	INLET SEDIMENT TRAP - FILTER FABRIC WITH SUPPORTING FRAME
DISTURBED LIMITS	

CRUSHED STONE CONSTRUCTION EXIT



- NOTES:
1. AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.
  2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND GROUND FOR POSITIVE DRAINAGE.
  3. AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2 (1.5"-3.5" STONE).
  4. GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6".
  5. PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VEHICULAR EGRESS, BUT NO LESS THAN 20'.
  6. A DIVERSION RIDGE SHOULD BE CONSTRUCTED WHEN GRADE TOWARD PAVED AREA IS GREATER THAN 2%.
  7. INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES.
  8. WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN (OVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE).
  9. WASHRACKS AND/OR TIRE WASHERS MAY BE REQUIRED DEPENDING ON SCALE AND CIRCUMSTANCE. IF NECESSARY, WASHRACK DESIGN MAY CONSIST OF ANY MATERIAL SUITABLE FOR TRUCK TRAFFIC THAT REMOVE MUD AND DIRT.
  10. MAINTAIN AREA IN A WAY THAT PREVENTS TRACKING AND/OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

FABRIC AND SUPPORTING FRAME FOR INLET PROTECTION



UTILITY DISCLAIMER

IN ADDITION TO SHOWING THE STRUCTURES TO BE BUILT UNDER THIS CONTRACT, THE DRAWINGS SHOW CERTAIN INFORMATION OBTAINED BY THE ENGINEER REGARDING THE PIPES, POLE LINES, CONDUITS, AND OTHER STRUCTURES WHICH EXIST ALONG THE LINE OF THE WORK, BOTH AT AND BELOW THE SURFACE OF THE GROUND. THE ENGINEER AND THE OWNER EXPRESSLY DISCLAIM ANY RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION GIVEN ON THE DRAWINGS WITH REGARD TO EXISTING STRUCTURES, AND THE CONTRACTOR WILL NOT BE ENTITLED TO ANY EXTRA COMPENSATION ON ACCOUNT OF ANY INACCURACY OR INCOMPLETENESS OF SUCH INFORMATION, SAID STRUCTURES BEING INDICATED ONLY FOR THE CONVENIENCE OF THE CONTRACTOR, WHO MUST VERIFY THE INFORMATION TO HIS OWN SATISFACTION. THE GIVING OF THIS INFORMATION UPON THE CONTRACT DRAWINGS WILL NOT RELIEVE THE CONTRACTOR OF HIS OBLIGATION TO SUPPORT AND PROTECT ALL PIPES, CONDUITS, AND OTHER STRUCTURES. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND OBSTRUCTIONS PRIOR TO EXCAVATION SO AS TO PREVENT ANY DAMAGE TO THOSE SERVICES OR OTHER UTILITIES. ANY SUCH DAMAGES MUST BE REPAIRED WITHOUT DELAY AND THE COST OF SUCH REPAIRS MUST BE BORNE BY THE CONTRACTOR.



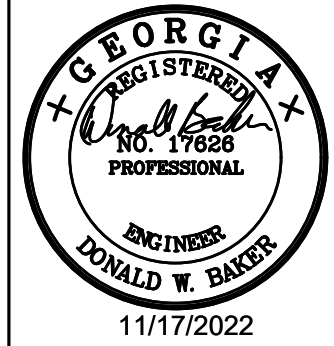
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DATE	NO	DESCRIPTION
11/17/2022	1	SUBMITTED TO COUNTY AND ARCHITECT FOR REVIEW

DON BAKER ENGINEERING  
89 GRANDWATER DRIVE  
SUWANEE, GA 30024  
770-403-4527

ELECTIONS BUILDING  
FOR  
UNION COUNTY, GA

EROSION CONTROL PLAN	
SHEET TITLE	
DESIGN BY	CHECKED BY
DWB	DWB



11/17/2022

STAMP

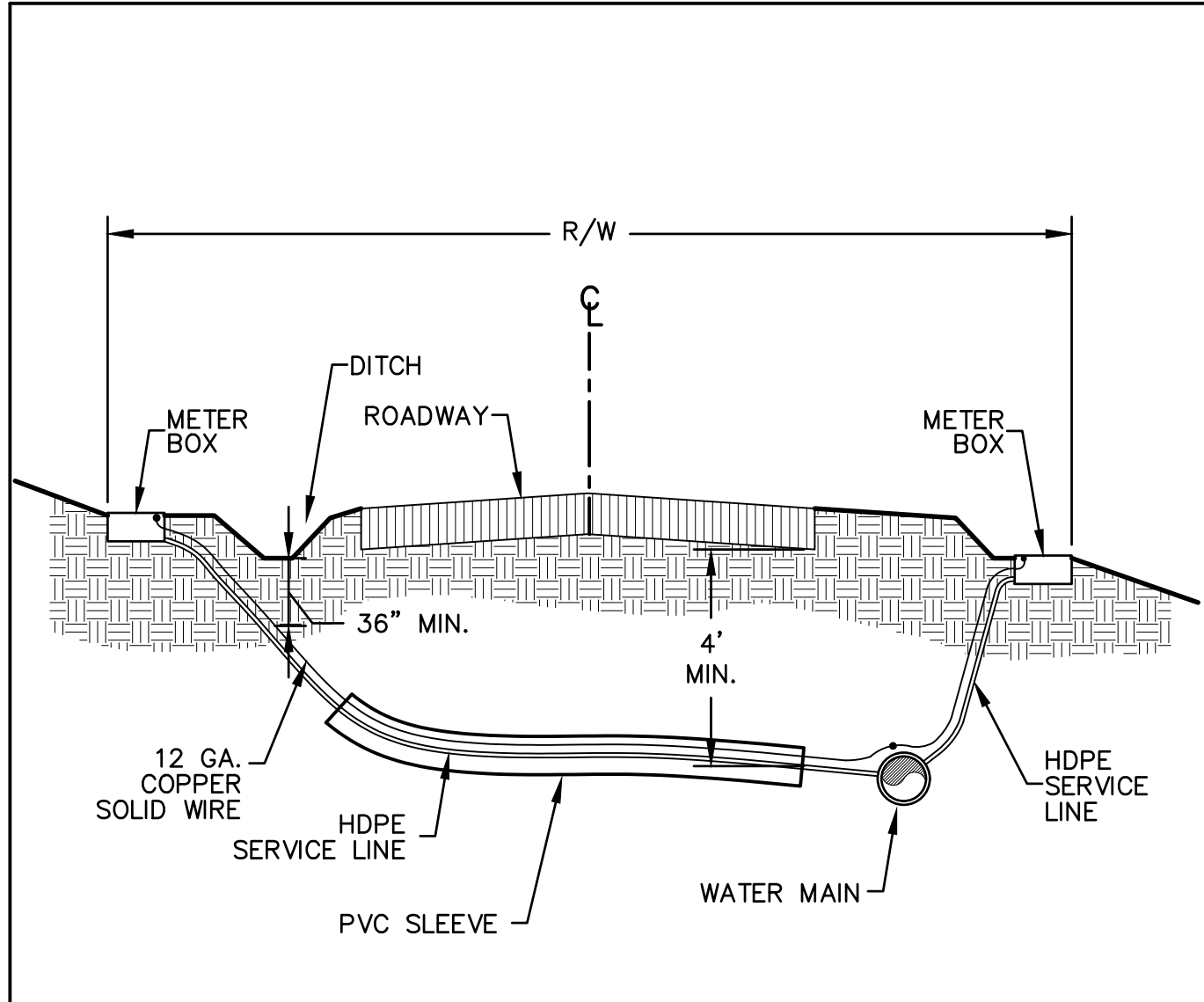
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DATE	JOB NUMBER	FILE LOCATION

EC1

REVISION

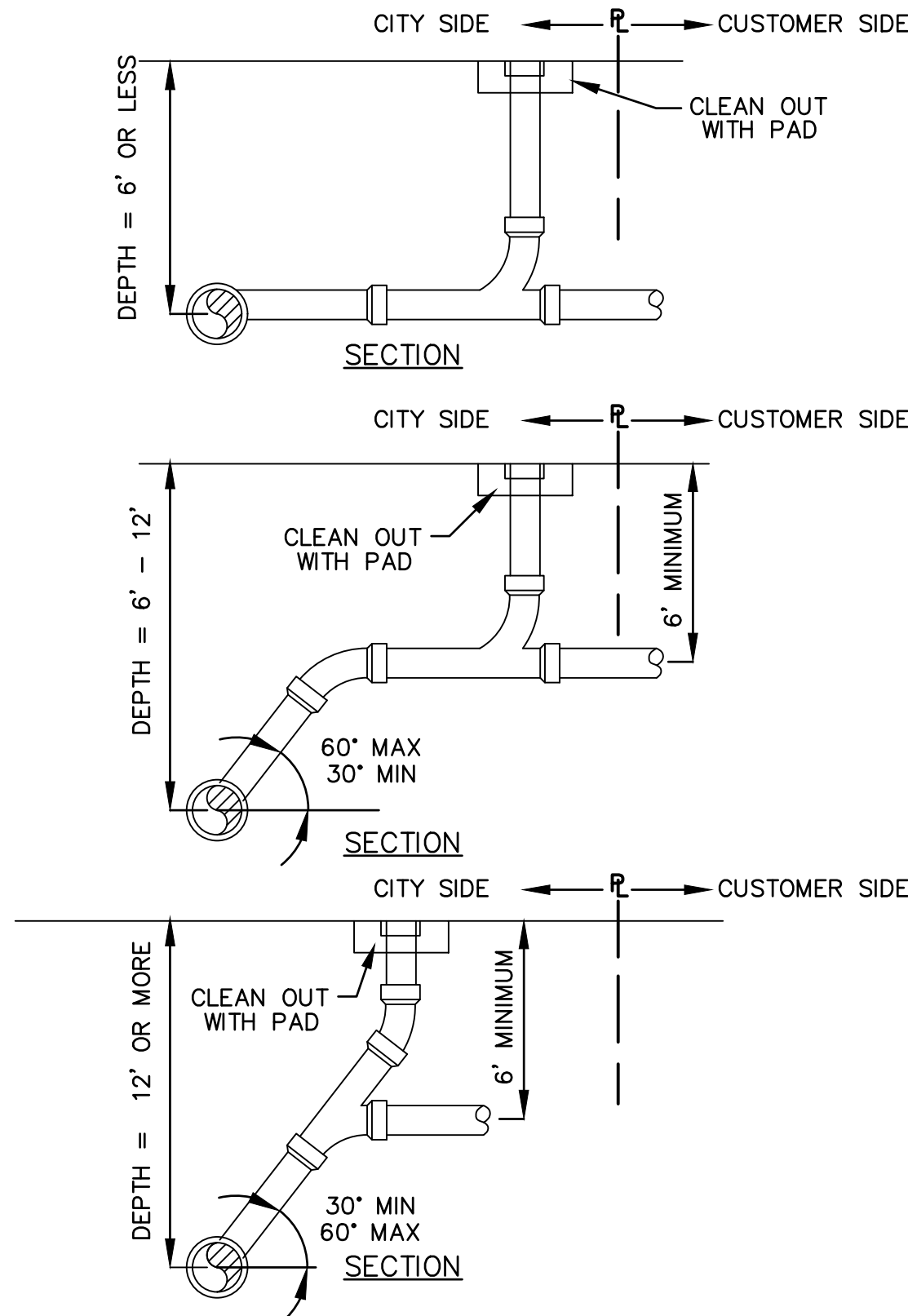
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PATH & FILE: F:\Projects\2022\2022.52 Elections Office\Design Stage\ElectionsBldg11022



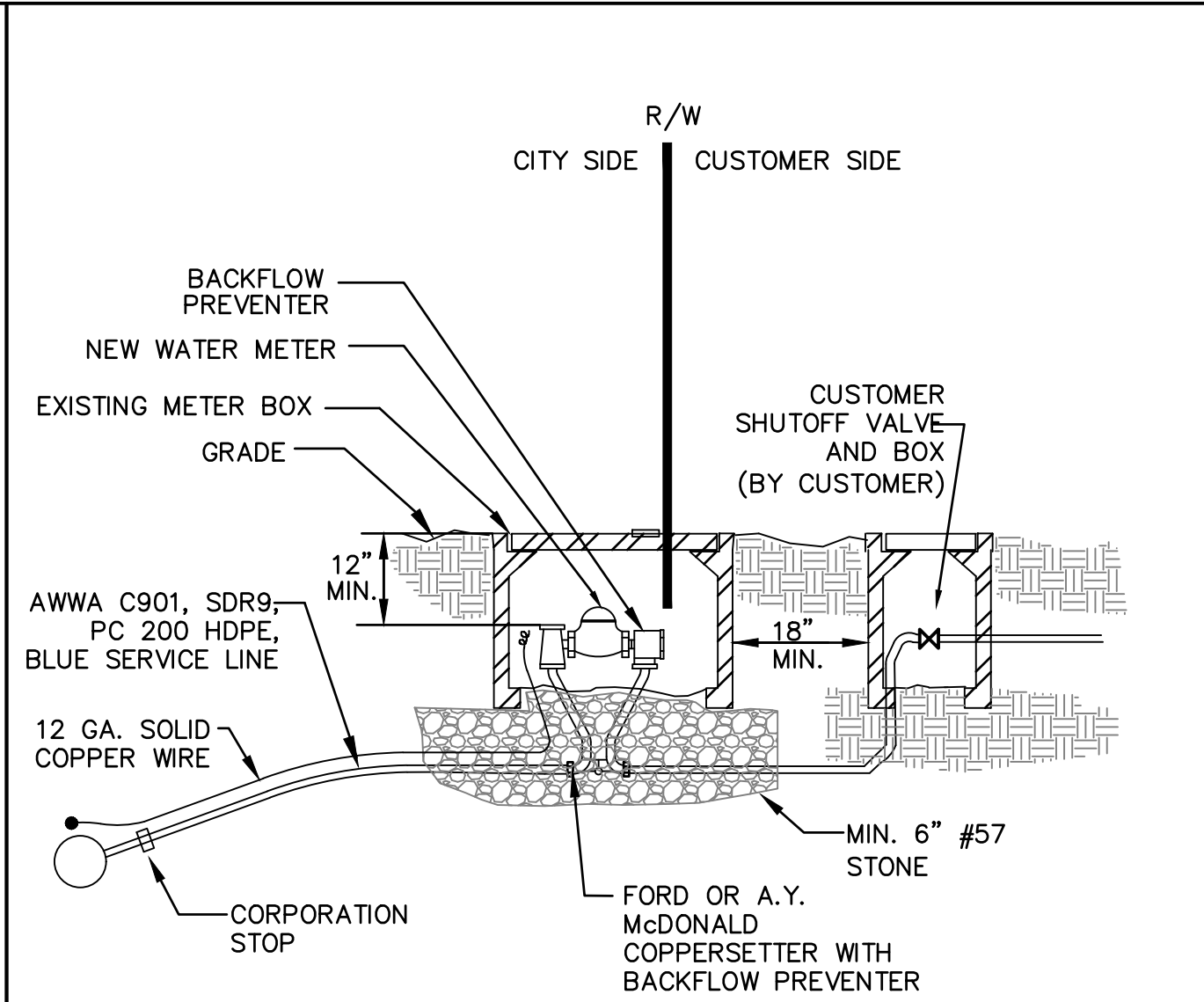
- NOTES:**
1. METER BOXES TO BE PLACED ON BACK SIDE OF DITCH
  2. ALL SERVICE LINES ARE TO BE PLACED OVER EXISTING GAS LINES
  3. UP TO 2" DIA. SERVICE TUBING SHALL BE SDR9 HDPE. LARGER SERVICE LINES SHALL BE DUCTILE IRON
  4. ALL LONG SIDE 1" AND SMALLER SERVICE LINE SHALL BE INSTALLED IN A 2" PVC SLEEVE.
  5. 2" SERVICE LINE SHALL BE INSTALLED IN A 4" PVC SLEEVE
  6. ALL SERVICES 3" AND LARGER SHALL BE INSTALLED IN A 12" OR LARGER STEEL CASING

CITY OF BLAIRSVILLE WATER & SEWER DEPARTMENTS									
JOB TITLE	SHEET TITLE	DRN. BY:	EMI	REV. NO.	BY	DATE	CKD BY:	APPD. BY:	DATE
STANDARD DETAIL	SERVICE INSTALLATION (ROADWAY)	CKD BY:					APPD. BY:		
DETAIL No.	W-13	FILE No.	08037W-13.dwg	SCALE:	N.T.S.				



NOTE: CLEANOUTS MUST BE FLUSH TO GRADE WITH CAP AND PAD.

CITY OF BLAIRSVILLE WATER & SEWER DEPARTMENTS									
JOB TITLE	SHEET TITLE	DRN. BY:	EMI	REV. NO.	BY	DATE	CKD BY:	APPD. BY:	DATE
STANDARD DETAIL	SERVICE LATERAL	CKD BY:					APPD. BY:		
DETAIL No.	S-15	FILE No.	08037S-15.dwg	SCALE:	N.T.S.				

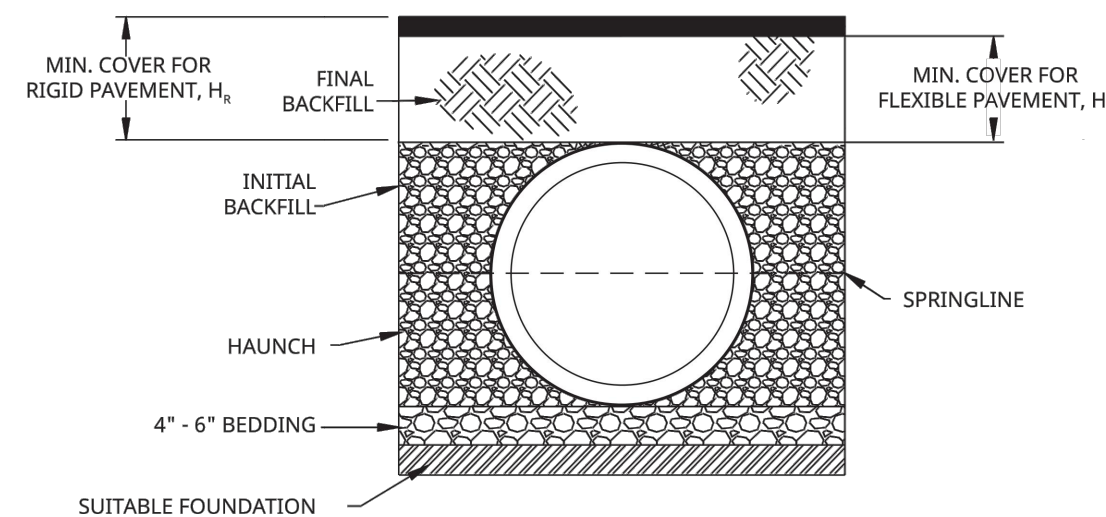


CITY OF BLAIRSVILLE WATER & SEWER DEPARTMENTS									
JOB TITLE	SHEET TITLE	DRN. BY:	EMI	REV. NO.	BY	DATE	CKD BY:	APPD. BY:	DATE
STANDARD DETAIL	2-INCH AND SMALLER SERVICE CONNECTION	CKD BY:					APPD. BY:		
DETAIL No.	W-12	FILE No.	08037W-12.dwg	SCALE:	N.T.S.				

**Table 4: Acceptable Backfill Material and Compaction Requirements**

Description	Soil Classification			Minimum Standard Proctor Density %
	ASTM D2321	ASTM D2487	AASHTO M43	
Graded or crushed, crushed stone, gravel	Class I	-	5	Dumped
Well-graded sand, gravels and gravel/sand mixtures; poorly graded sand, gravels and gravel/sand mixtures; little or no fines	Class II	GW GP SW SP	57 6	85%
Silty or clayey gravels, gravel/sand/silt or gravel and clay mixtures; silty or clayey sands; sand/clay or sand/silt mixtures	Class III	GM GC SM SC	Gravel and sand (<10% fines)	90%

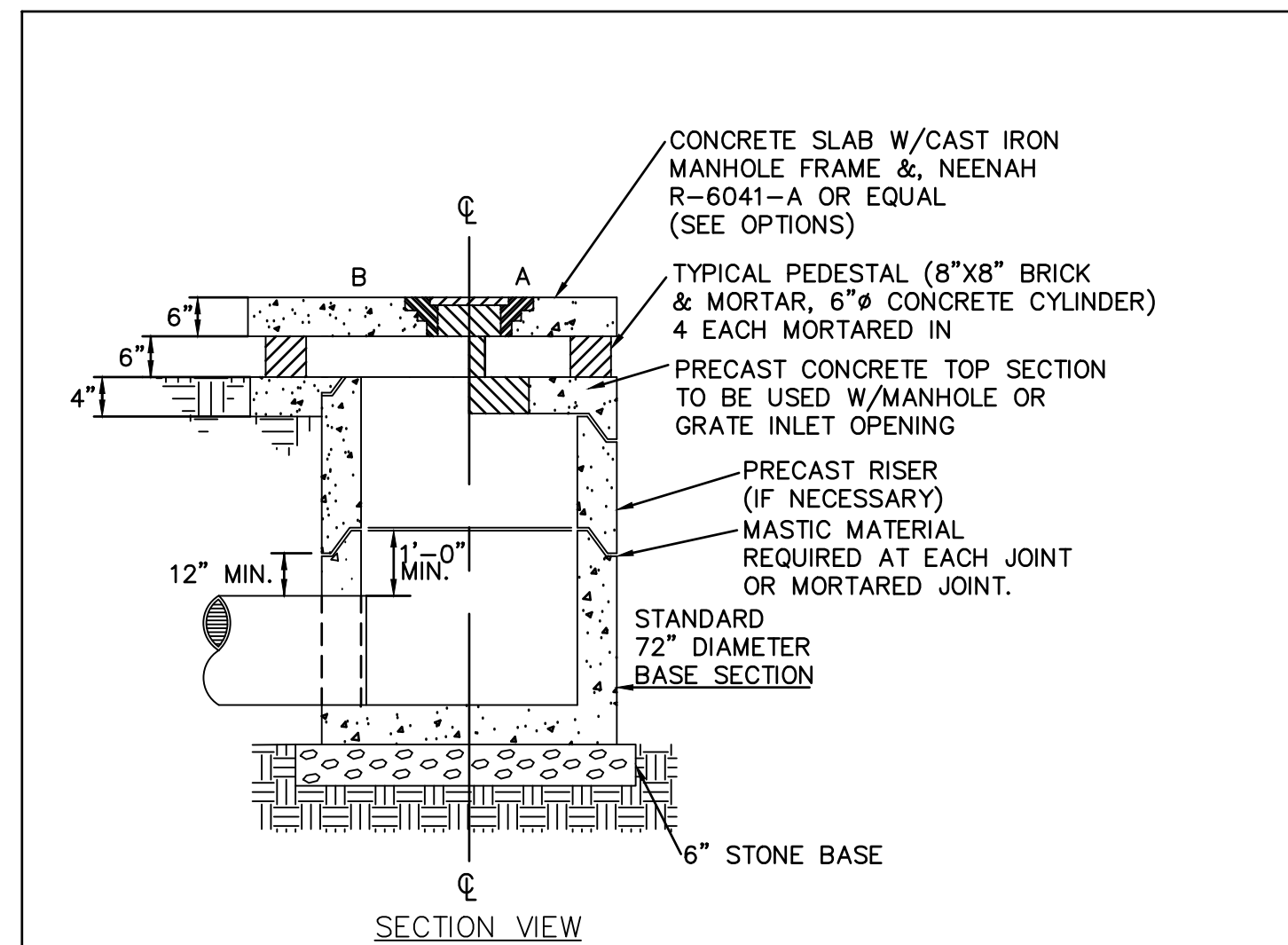
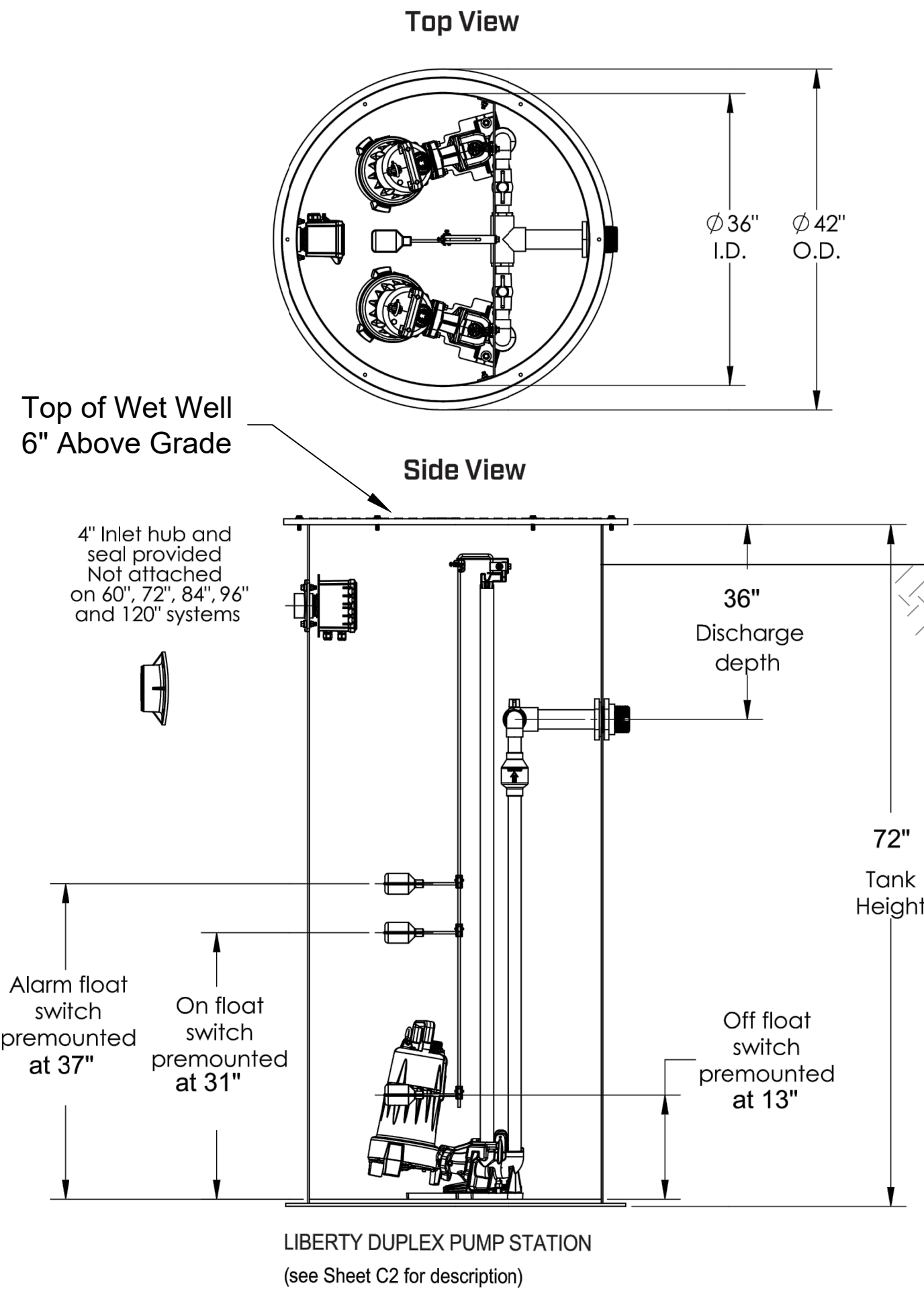
\* Layer heights should not exceed 1/2 the pipe diameter. Layer heights may also need to be reduced to accommodate compaction method.



FILL AS SPECIFIED BY DESIGN ENGINEER  
STRUCTURAL BACKFILL (COMPACTED CLASS I, II, OR III MATERIAL)

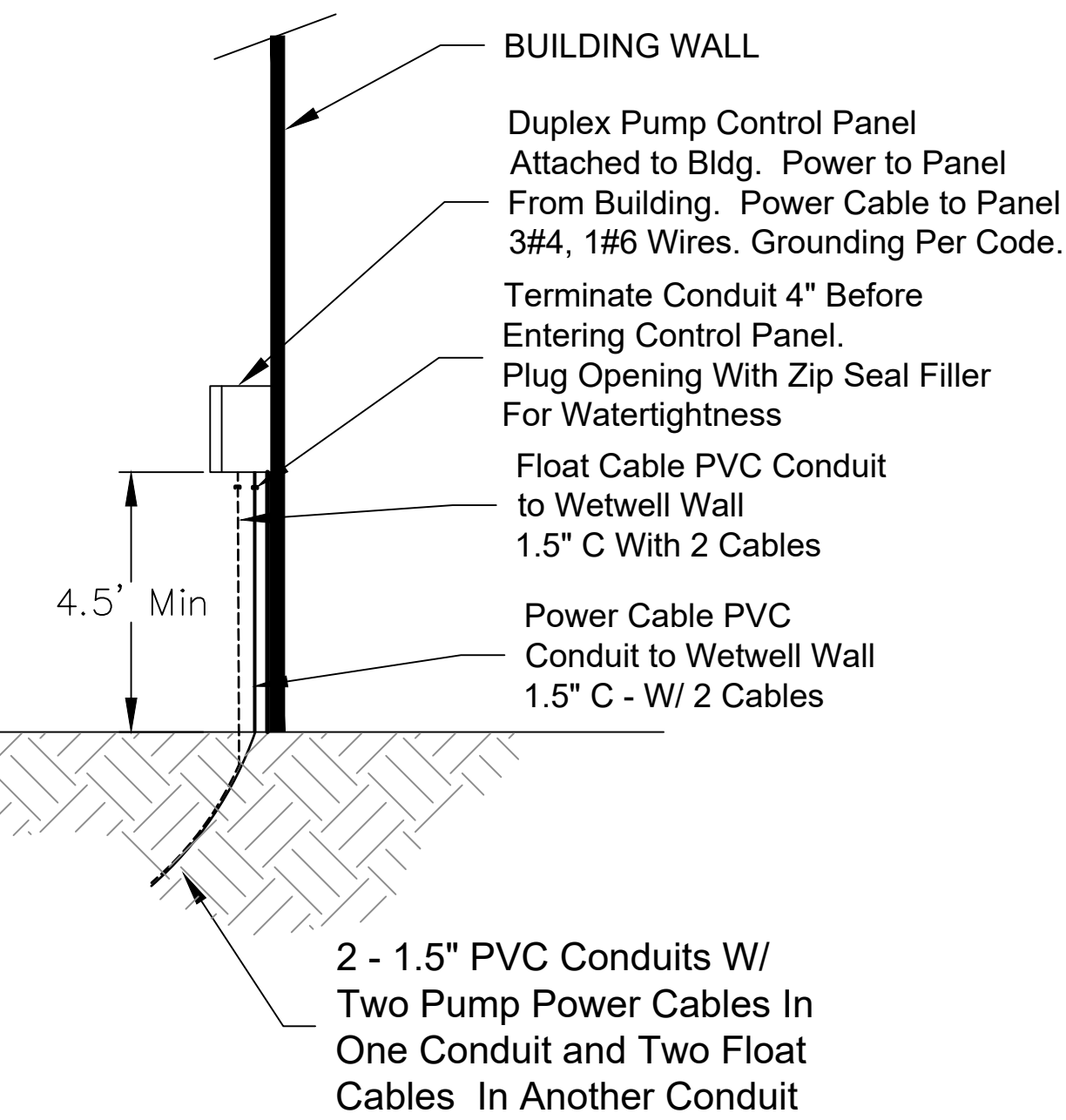
$H_w, H_c = 12"$  FOR PIPE DIAMETERS UP TO 48"  
 $= 24"$  FOR PIPE DIAMETERS 54" AND 60"

## HDPE PIPE BACKFILL MATERIALS



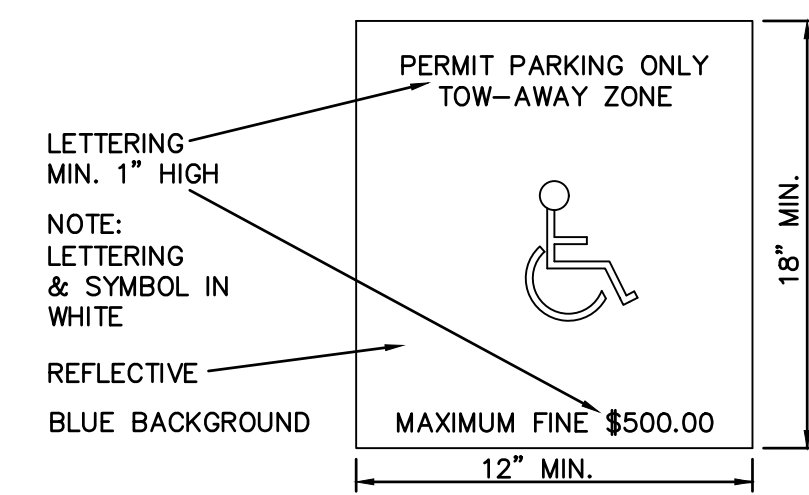
- JUNCTION BOX & DROP INLET NOTES:**
1. SUBGRADE TO BE COMPACTED TO 95% MAX. DRY DENSITY PER STANDARD PROCTOR.
  2. ALL CONCRETE SHALL BE CLASS B.
  3. WHEN 60" & 72" BASE SECTIONS ARE REQUIRED, AN ADAPTER SECTION SHALL BE USED IN CONJUNCTION WITH THE STANDARD CONE.
  4. CONCRETE TOP COVER THICKNESS=8"-VEHICULAR TRAFFIC AREAS.

## PRECAST DROP INLET

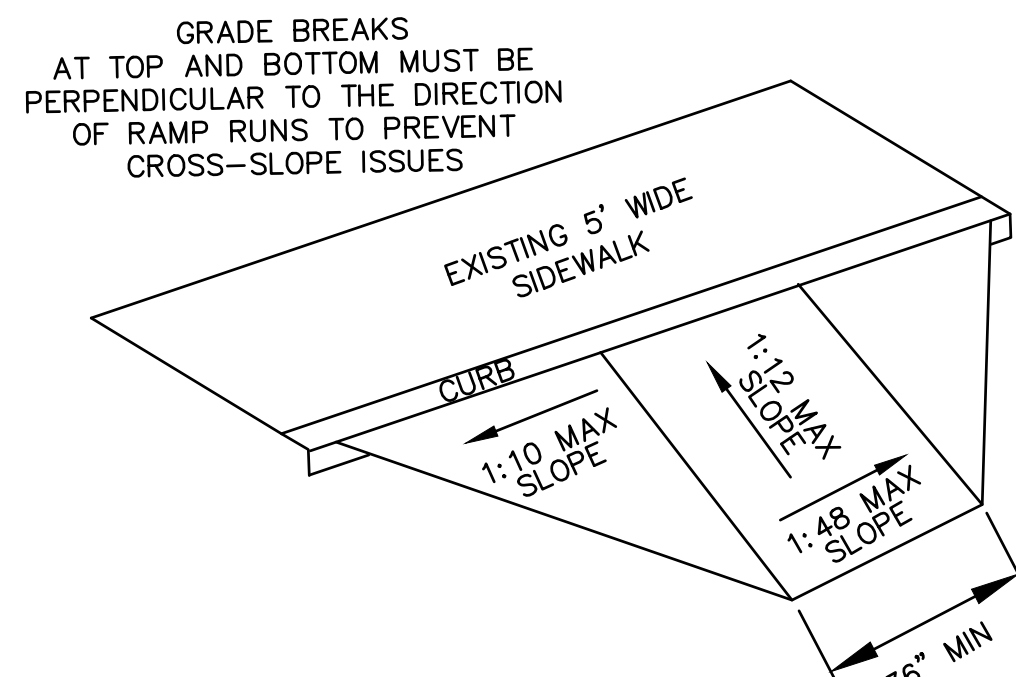


"Handicapped parking place" means any area on public or private property which has been designated as reserved for use of handicapped persons as follows:

(A) By a blue metal reflective sign which is at least 12 inches in width and 18 inches in length and is erected at such height or in such a manner that it will not be obscured by a vehicle parked in the space and bearing the following words: "Permit Parking Only," "Tow-Away Zone" and "Maximum Fine \$500.00. The warnings required in this subparagraph shall be printed in white letters not less than one inch in height on three separate lines and centered on the sign. The sign shall also bear the international symbol for accessibility centered between the second and third warnings. The sign required by this subparagraph shall be the official authorized sign for handicapped parking place designation in the state.



## HANDICAP SIGN



## HANDICAP RAMP AT SIDEWALK

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DATE	NO	DESCRIPTION
11/17/2022	1	SUBMITTED TO COUNTY AND ARCHITECT FOR REVIEW

**DON BAKER ENGINEERING**  
89 GRANDWATER DRIVE  
SUWANEE, GA 30024  
770-403-4527

**ELECTIONS BUILDING FOR UNION COUNTY, GA**

CONSTRUCTION DETAILS	SHEET TITLE	DESIGN BY	DWB	DRAWN BY	DWB	CHECKED BY	DWB
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**GEORGIA REGISTERED PROFESSIONAL ENGINEER**  
No. 17688  
DONALD W. BAKER  
11/17/2022

**STAMP**

11/10/2022  
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2022.52  
JOB NUMBER  
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FILE LOCATION

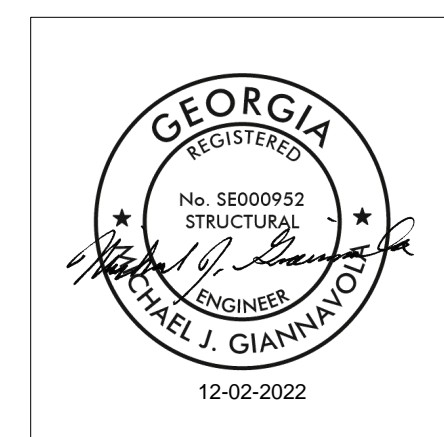
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REVISION

SHEET

PATH & FILE: F:\Projects\2022\2022 Union County\2022 52 Elections Official Design Stage\ElectionsBldg11022



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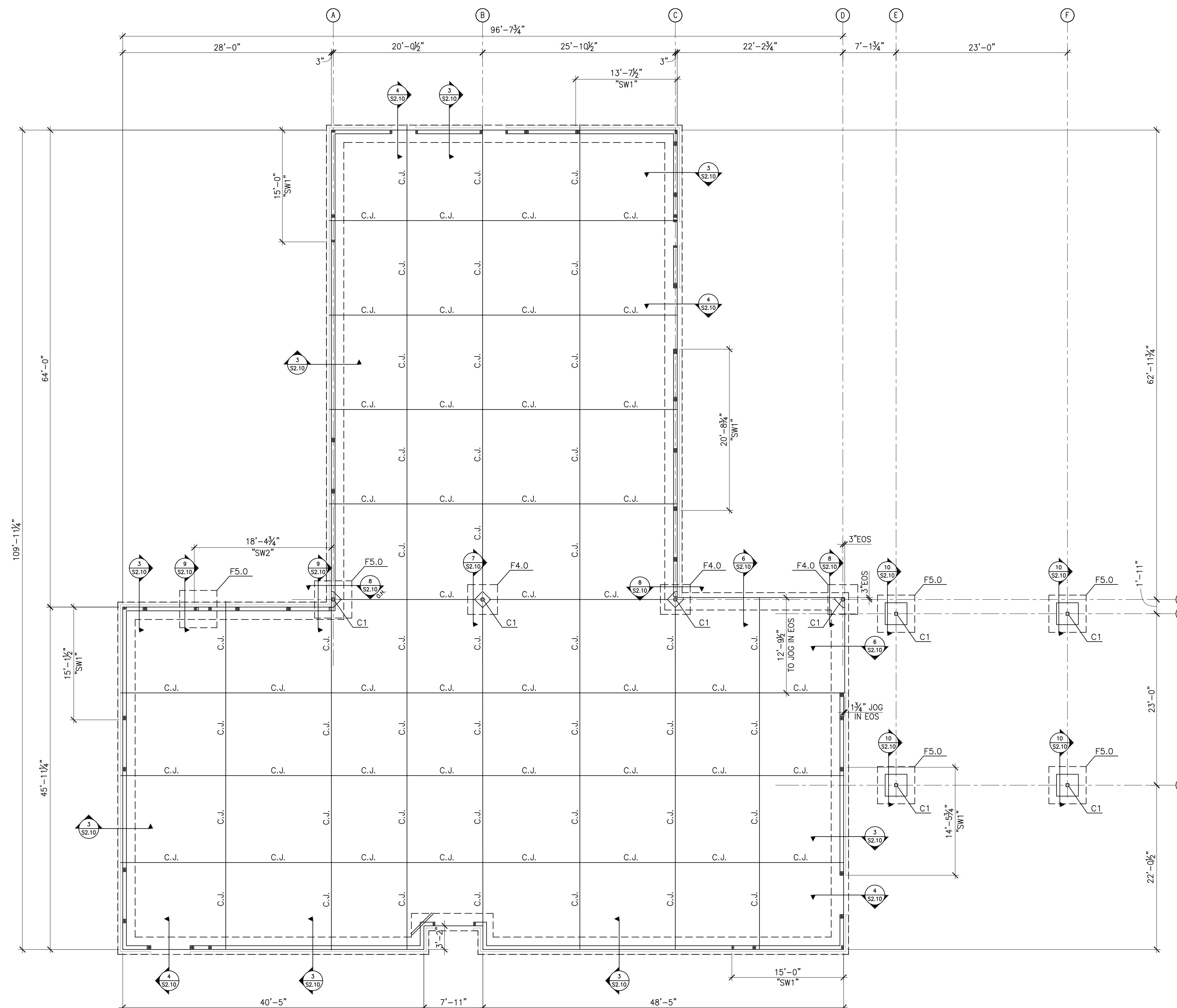
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22102

- Foundation Plan

SHEET NO.

S-1.10

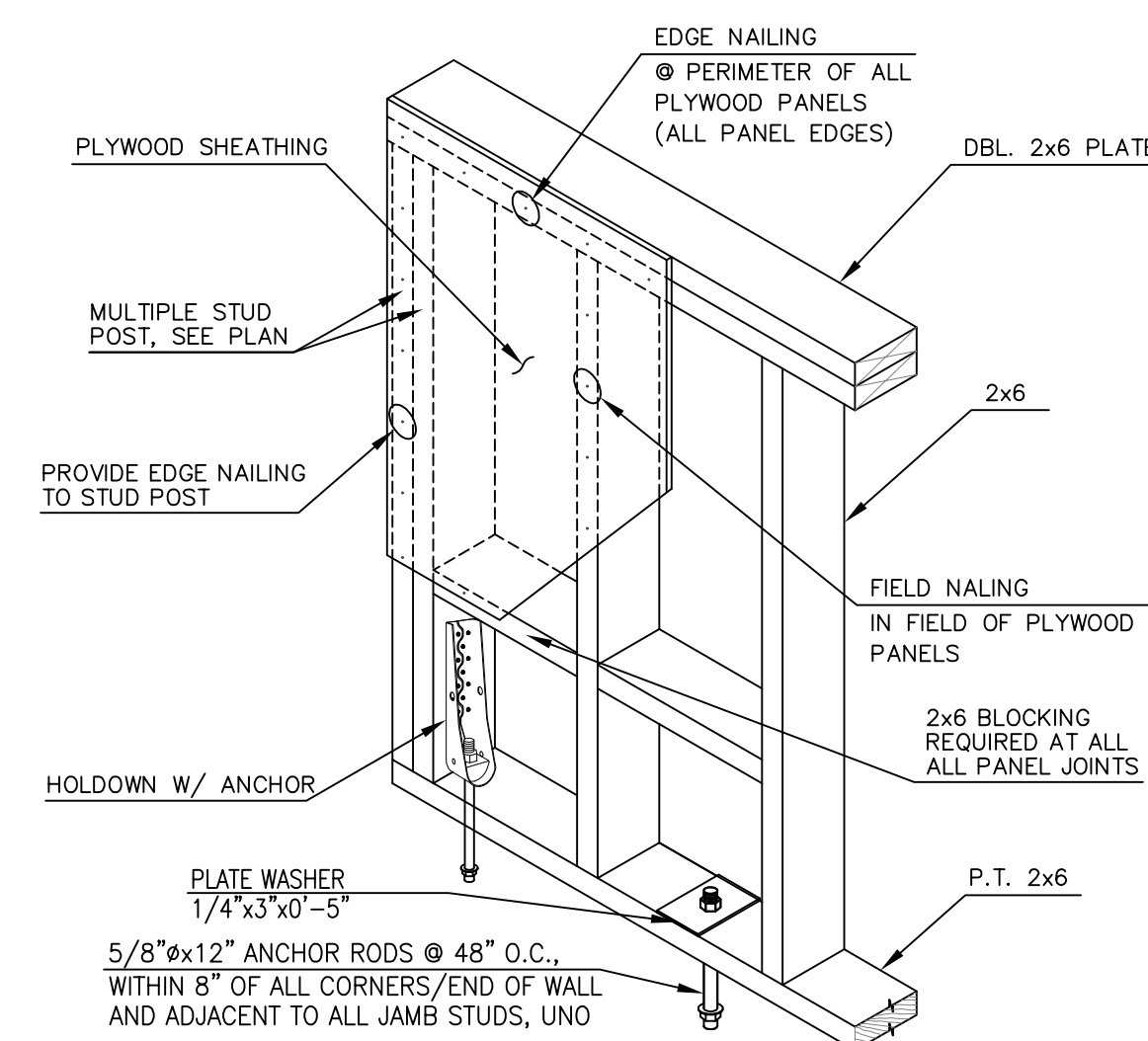


1 FOUNDATION PLAN  
S1.10 SCALE:  $\frac{1}{8}" = 1' - 0"$

SHEARWALL / WALL SHEATHING SCHEDULE					
MARK	SHEATHING	EDGE NAILING	FIELD NAILING	HOLDOWN (EA. END)	REMARKS
SW1	15/32" APA RATED PLYWOOD SHEATHING	10d@6"O.C.	10d@12"O.C.	HDJ4--SDS2.5 5/8" ANCHOR ROD 12" EMBED.	PLYWOOD ON EXTERIOR FACE OF STUDS
SW2	15/32" APA RATED PLYWOOD SHEATHING	10d@4"O.C.	10d@12"O.C.	HDU11--SDS2.5 1" ANCHOR ROD 24" EMBED.	PLYWOOD ON EXTERIOR FACE OF STUDS
***	15/32" APA RATED PLYWOOD SHEATHING	10d@6"O.C.	10d@12"O.C.	NA	REQUIREMENTS FOR EXTERIOR NON-SHEARWALL WALLS

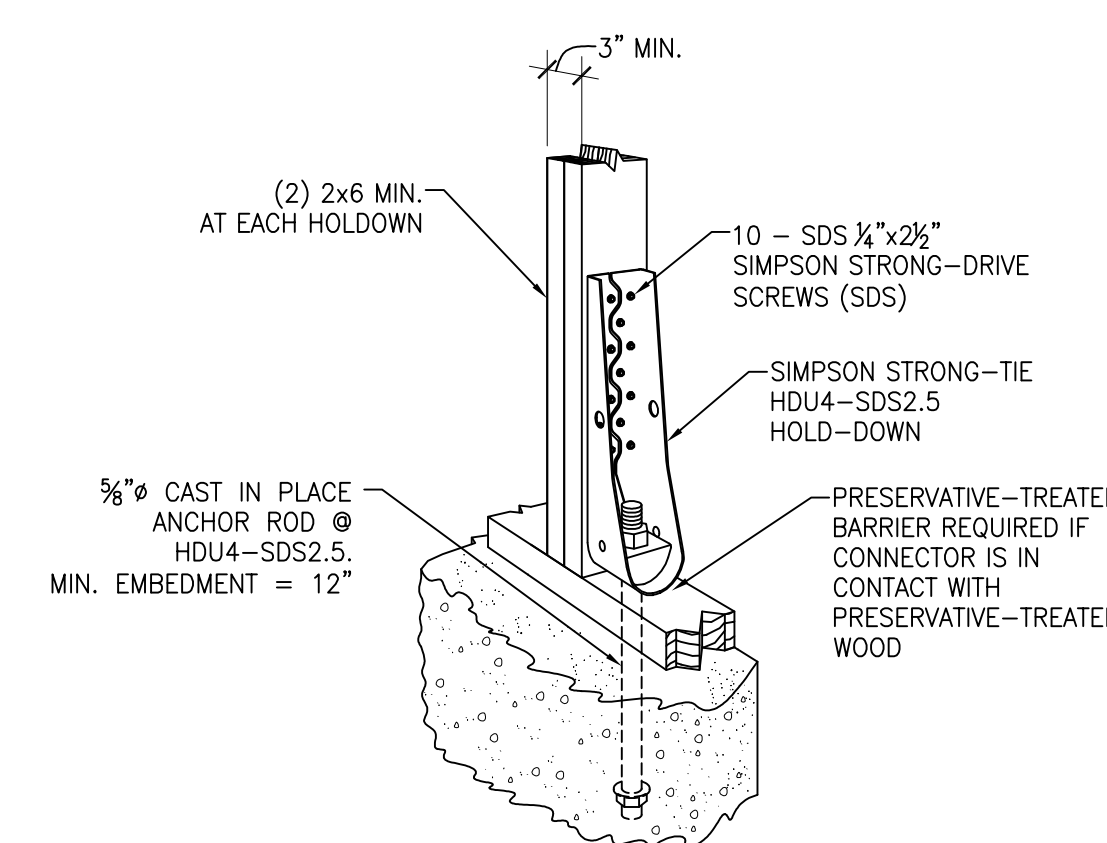
NOTES:  
1. SEE SCHEMATIC WALL ELEVATION 3/S1.10 FOR ADDITIONAL INFORMATION.  
2. SEE HOLDOWN DETAILS FOR ADDITIONAL INFORMATION ON THIS SHEET.

2 SHEARWALL / WALL SHEATHING SCHEDULE  
S1.10 NOT TO SCALE



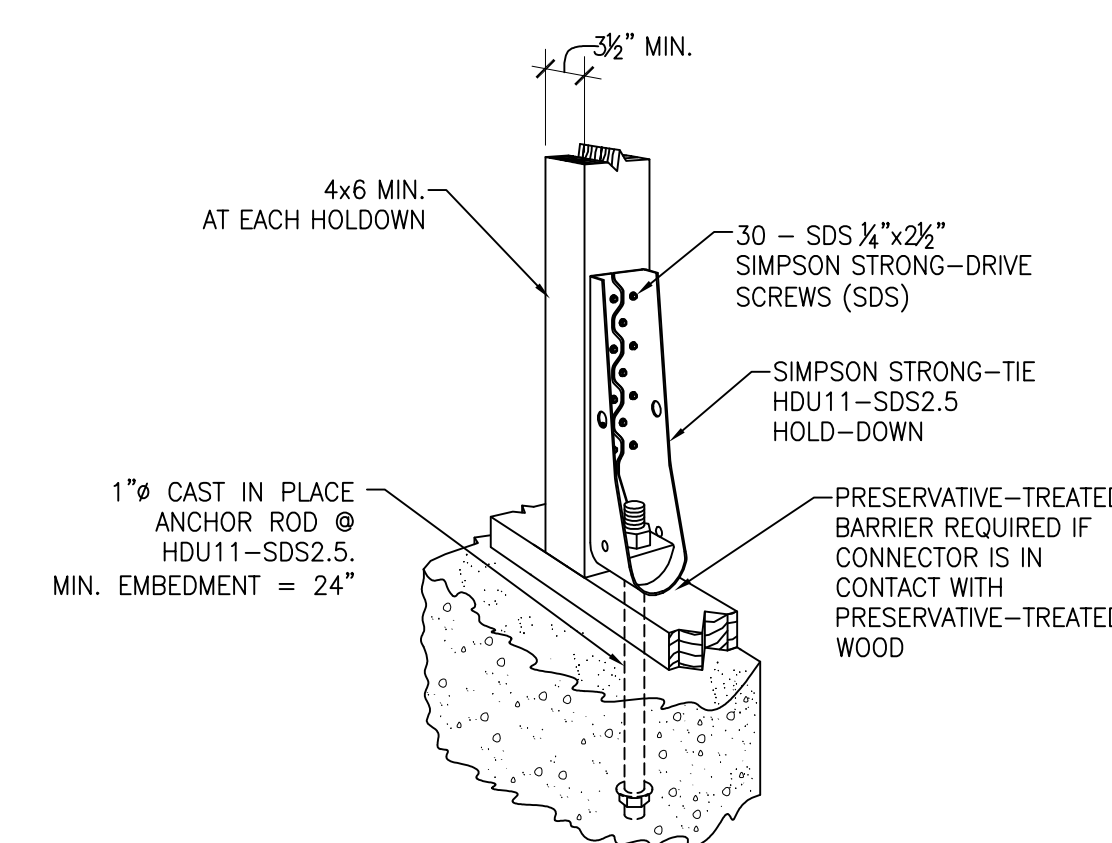
NOTE:  
1. SEE SHEARWALL / WALL SHEATHING SCHEDULE 1/S1.10 FOR ADDITIONAL INFORMATION

3 SCHEMATIC EXTERIOR WALL ELEVATION  
S1.10 NOT TO SCALE



**NOTES:**  
1. SEE FOUNDATION PLAN 1/S1.10 FOR HOLDOWN LOCATIONS  
2. SEE MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION.

HDU4 HOLDOWN W/  
ANCHOR ROD DETAIL



**NOTES:**  
1. SEE FOUNDATION PLAN 1/S1.10 FOR HOLDOWN LOCATIONS.  
2. SEE MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION.

5 HDU11 HOLDOWN W/  
S1.10 ANCHOR ROD DETAIL  
N.T.S.

RELEASED FOR CONSTRUCTION

GGHE PROJ. # 22RS68

**GGHE**

GA FIRM # PEF007706

**GOODMAN  
GIANNAVOLA  
HINES  
ENGINEERS**

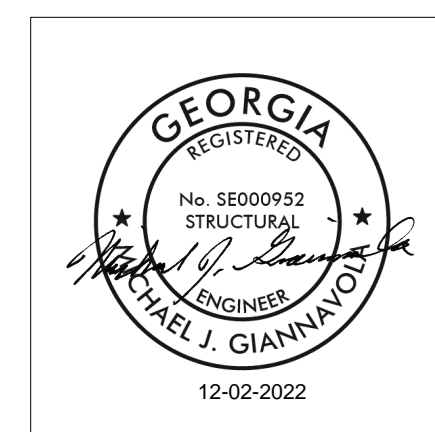
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## Revisions

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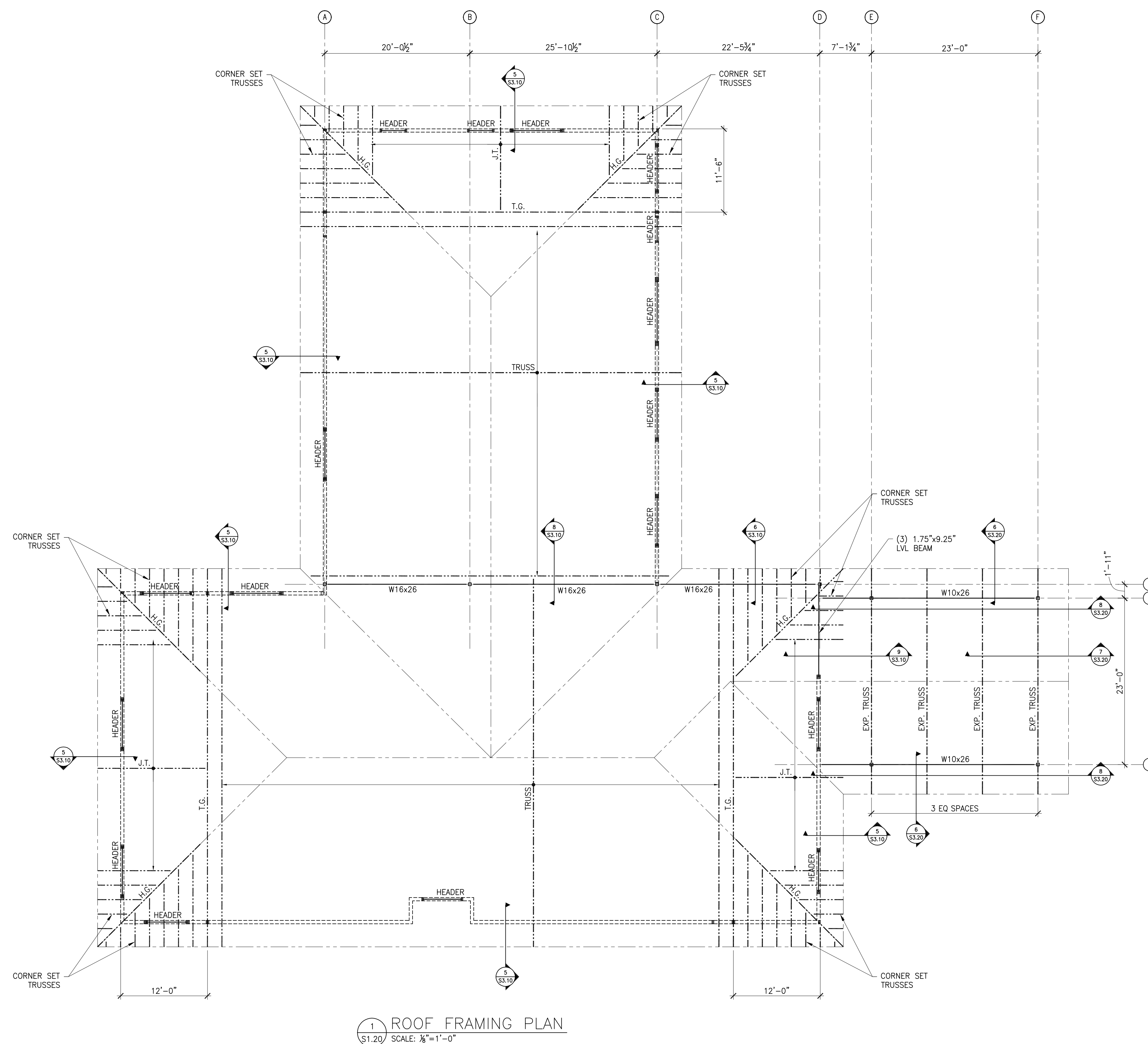
22102

	SHEET TITLE
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Roof Framing  
Plan

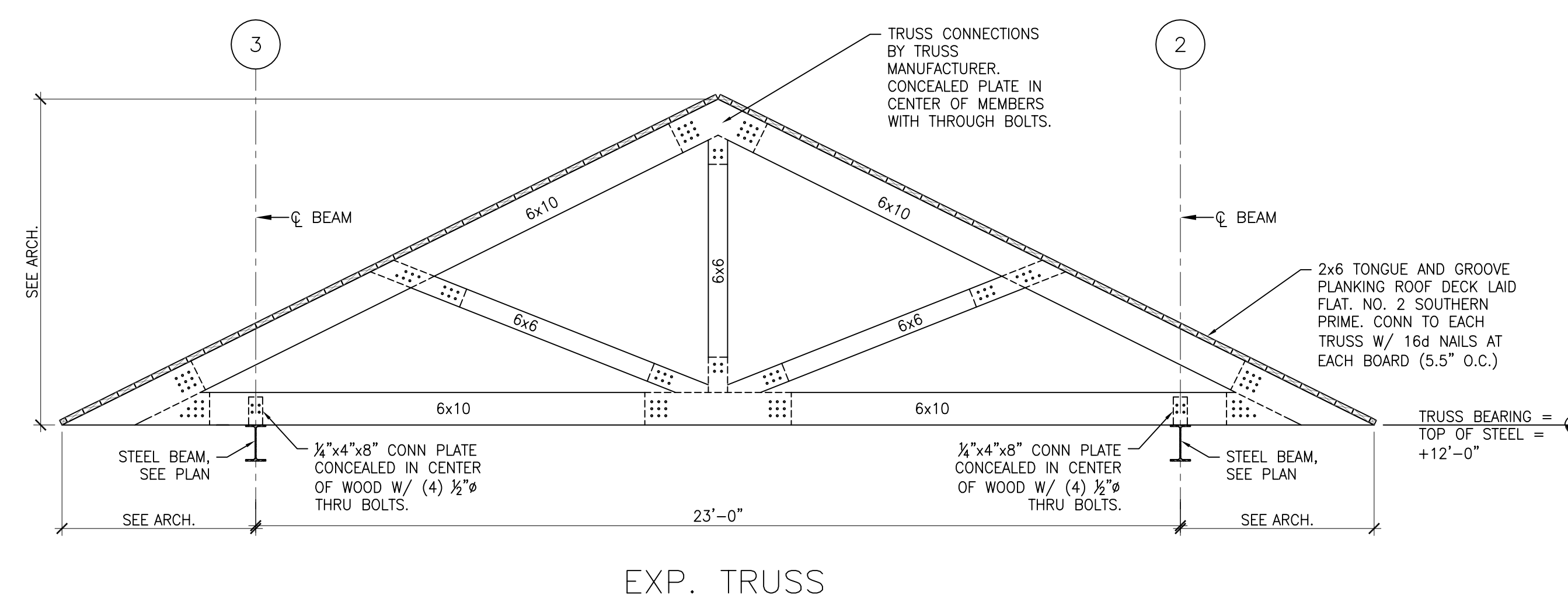
	SHEET NO.
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S-1.20



ROOF FRAMING PLAN NOTES:

1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS BEFORE COMMENCING CONSTRUCTION. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND THE STRUCTURAL ENGINEER. FOR ADDITIONAL INFORMATION SEE ARCHITECTURAL DRAWINGS.
2. SEE ARCHITECTURE FOR TOP OF FINISHED ROOF ELEVATIONS, ROOF SLOPES AND ROOF DRAIN LOCATIONS.
3. COORDINATE SIZE AND LOCATION OF ALL OPENINGS IN ROOF WITH ARCH, MECH, AND PLUMBING DRAWINGS.
4. TRUSS BEARING ELEVATION =  $+12'-0"$ .
5. EXTERIOR FACE OF STUD = EDGE OF SLAB. SEE SHEET S1.10 FOR EDGE OF SLAB DIMENSION.
6. TRUSS = WOOD ROOF TRUSSES @ 2'-0" O.C. MAX.  
CORNER SET = WOOD ROOF CORNER SET TRUSSES @ 2'-0" O.C. MAX.  
T.C. = WOOD ROOF JACK TRUSSES @ 2'-0" O.C. MAX.  
J.T. = WOOD ROOF TRUSS RIDGER.  
W.G. = WOOD ROOF HIP WIDER.  
EXP. TRUSS = EXPOSED WOOD TRUSS, SEE /S1.20 FOR ELEVATION.
7. PROVIDE TRIPPLE STUDS UNDER ALL TRUSS RIDGER BEARING POINTS.
8. SEE SHEET S0.10 FOR LOADS ON ROOF TRUSSES.
9. SEE /S3.10 FOR HEADER SCHEDULE.
10. SEE /S3.20 FOR STEEL CONNECTIONS.



NOTES:

1. EXP. TRUSS IS AN EXPOSED ENGINEERED HEAVY TIMBER TRUSS.
2. EXPOSED ENGINEERED HEAVY TIMBER TRUSSES, ALL CONNECTION PLATES AND CONNECTIONS OF TRUSSES TO STEEL BEAM SUPPORTS OR WOOD LOAD BEARING WALLS SHALL BE DESIGNED BY TRUSS MANUFACTURER. SEE STRUCTURAL NOTES ON SHEET SO.10 FOR ADDITIONAL INFORMATION.
3. WOOD MEMBERS FOR HEAVY TIMBER TRUSSES SHALL BE PRESSURE TREATED NO. 2 SOUTHERN PINE OR APPROVED ALTERNATE. SEE ELEVATIONS FOR MINIMUM MEMBER SIZES.
4. ALL CONNECTIONS SHALL BE CONCEALED PLATE CONNECTIONS CUT INTO THE CENTER OF THE MEMBER WITH THROUGH BOLTS. BOLTS, NUTS, WASHERS AND PLATES SHALL BE MADE OF A307 STEEL.
5. SEE PLAN FOR LAYOUT AND STRUCTURAL NOTES FOR TRUSS DESIGN LOADS.

2 ENGINEERED HEAVY TIMBER TRUSS ELEVATIONS  
S1.20 SCALE:  $\frac{3}{8}" = 1'-0"$

RELEASED FOR CONSTRUCTION

**GGHE**  
GA FIRM # PEF007706

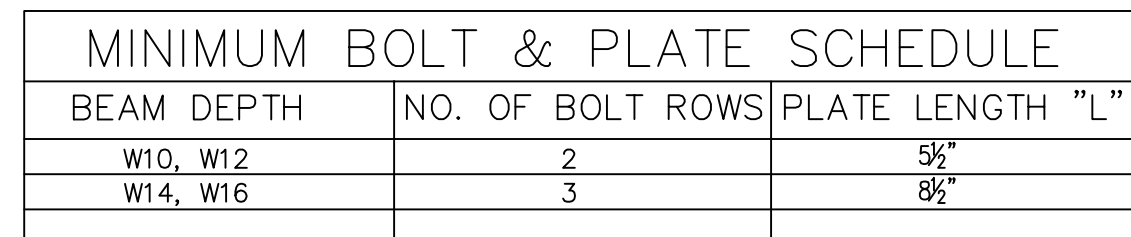
**GOODMAN  
GIANNAVOL  
HINES  
ENGINEERS**  
311 14th STREET  
SUITE 2  
ATLANTA, GA 303  
GGHEngineers.com

EXP 06/20

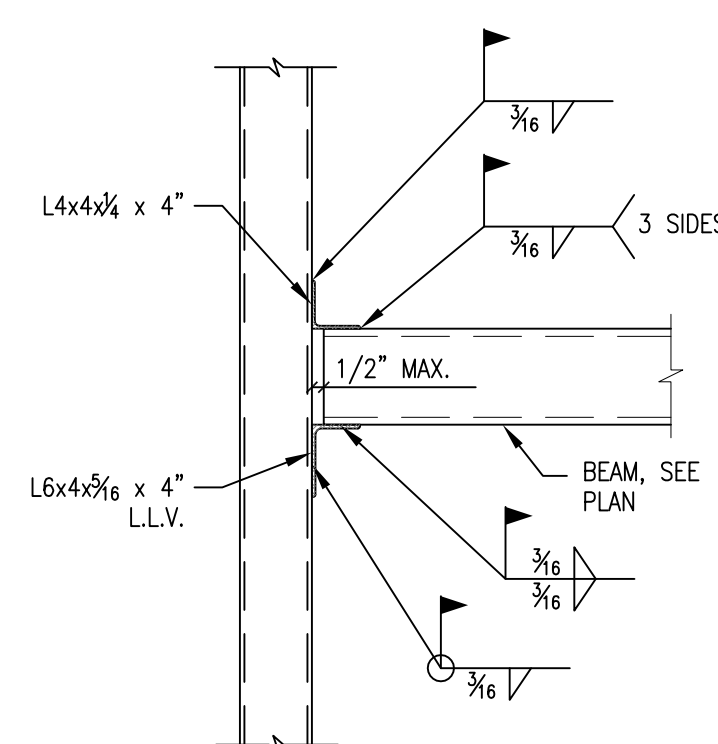
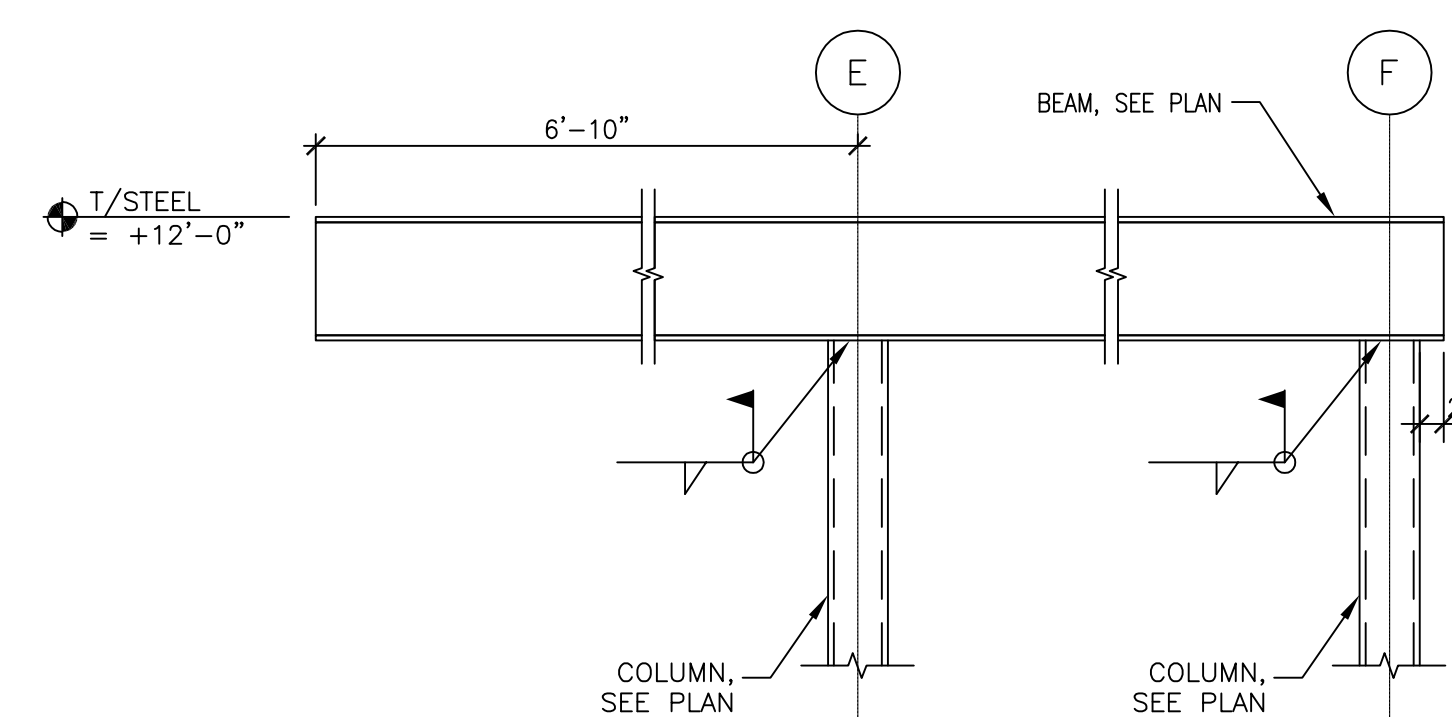
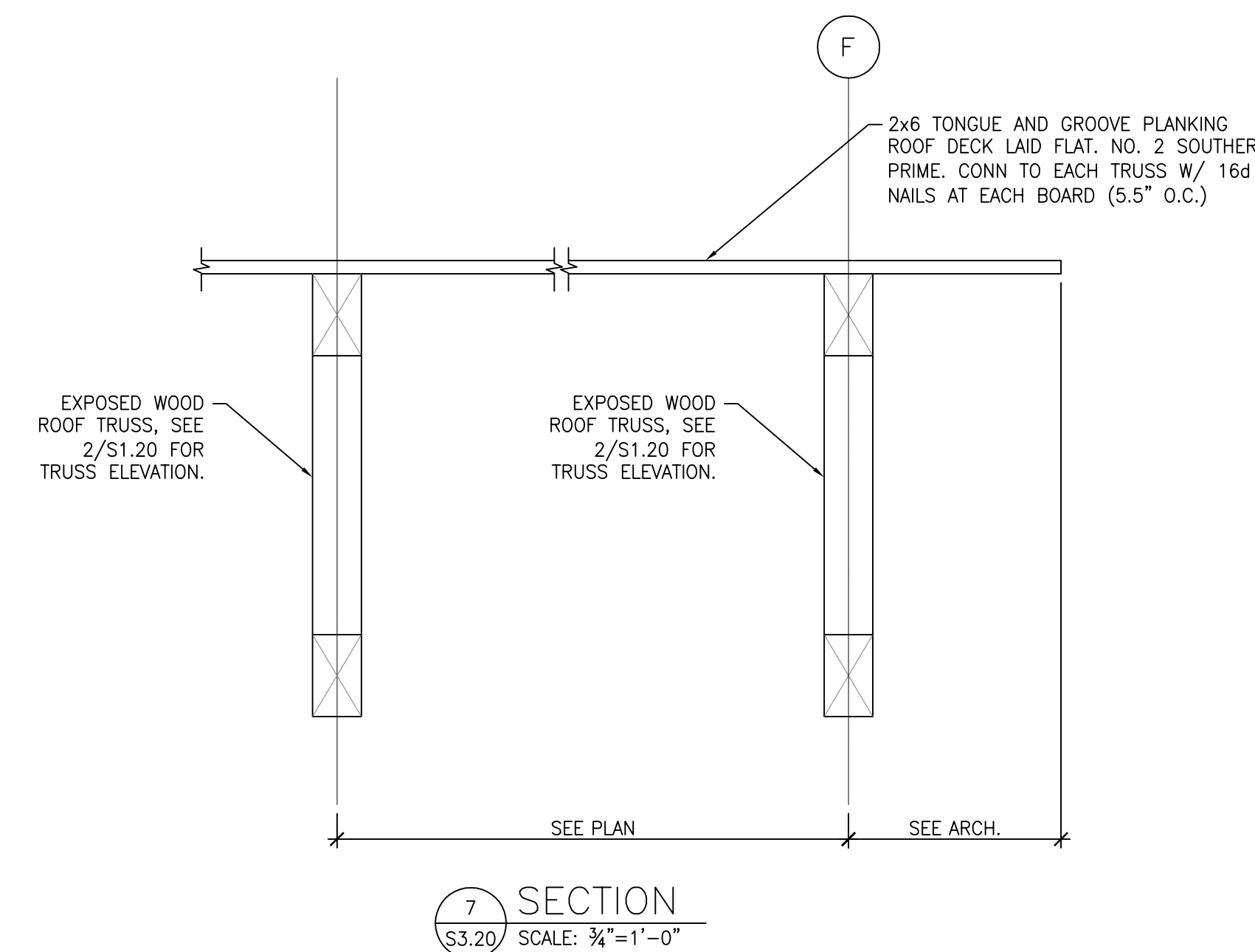
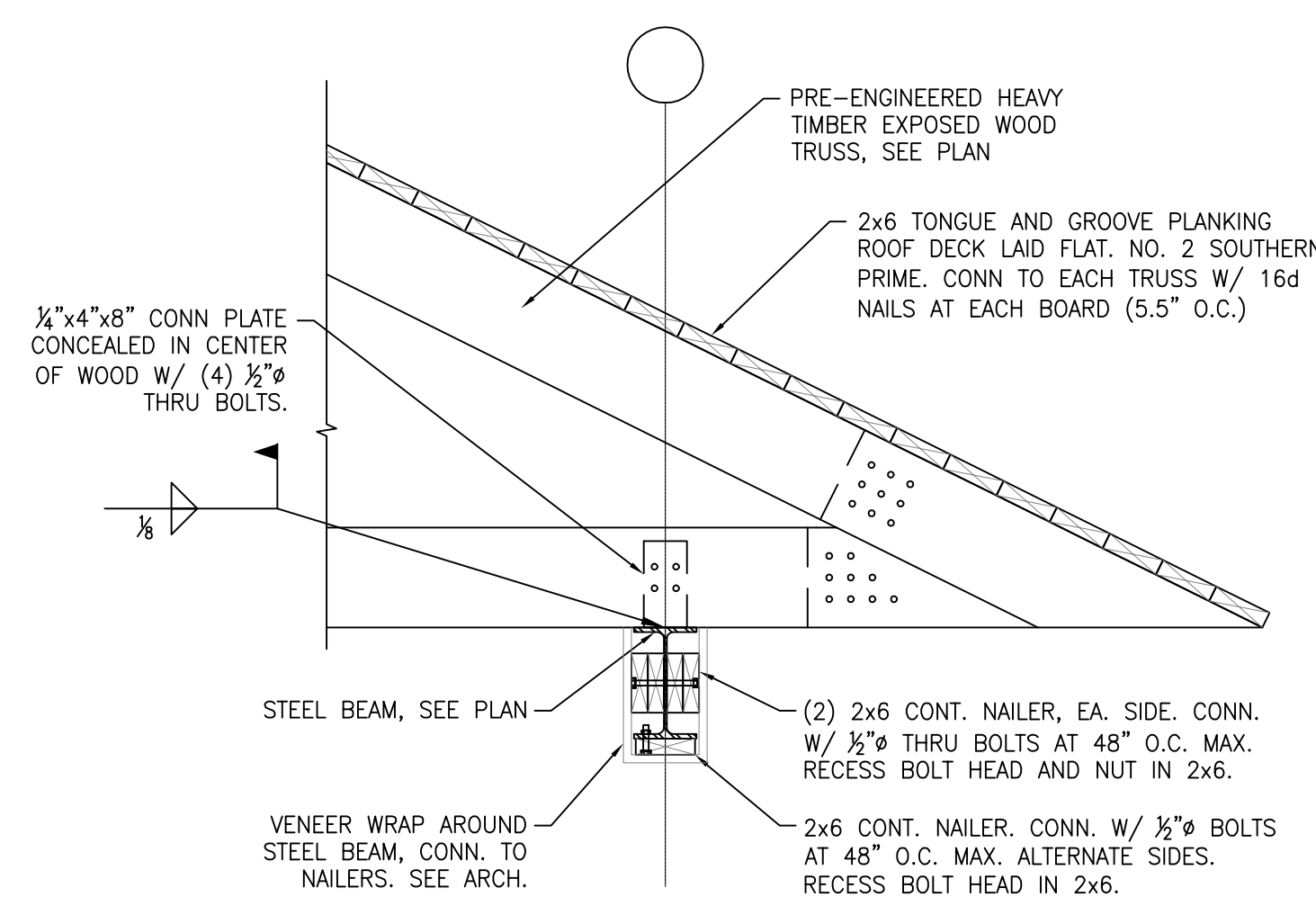
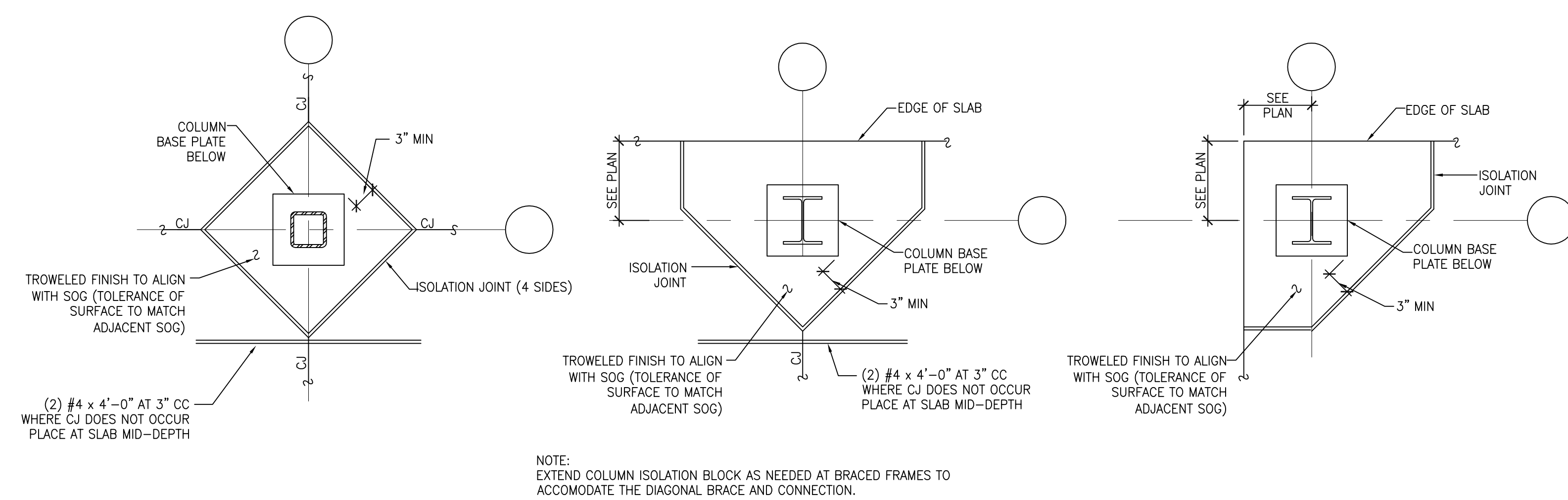
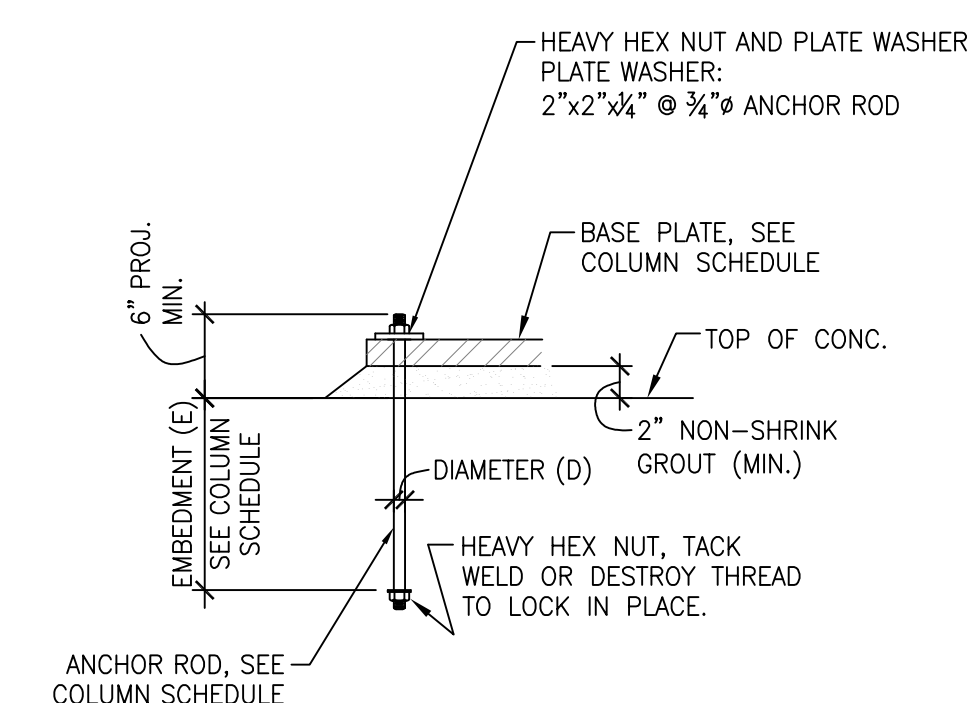
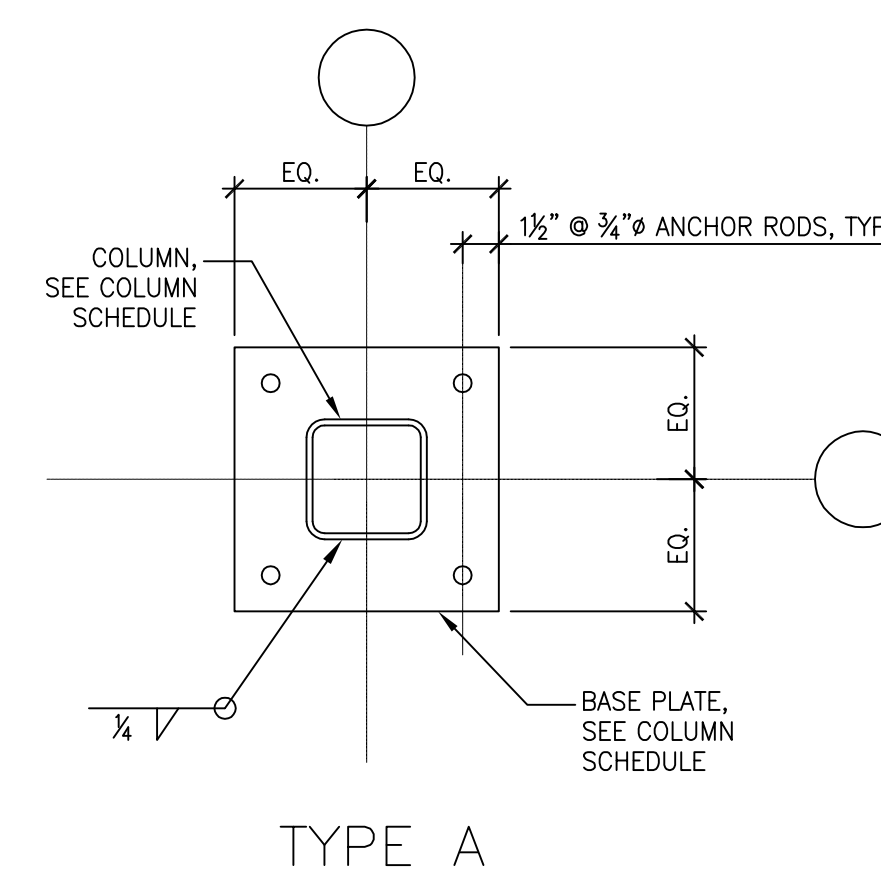
GA FIRM # PEF00770







<b>COLUMN SCHEDULE</b>					
<b>MARK</b>	<b>SIZE</b>	<b>BASE PLATE</b>	<b>ANCHOR RODS</b>	<b>EMBEDMENT DEPTH (E)</b>	<b>REMARKS</b>
C1	HSS 5x5x $\frac{1}{8}$	$\frac{3}{4}" \times 11" \times 11"$	(4) $\frac{3}{4}" \emptyset$	8"	TYPE A BASE PLATE
<b>COLUMN SCHEDULE NOTES:</b>					
1. SEE FOUNDATION PLAN FOR TOP OF FOUNDATION ELEVATIONS.					
2. SEE 3/S3.20 FOR BASE PLATE DETAILS.					
3. SEE 4/S3.20 FOR ANCHOR ROD DETAIL.					









M1-01

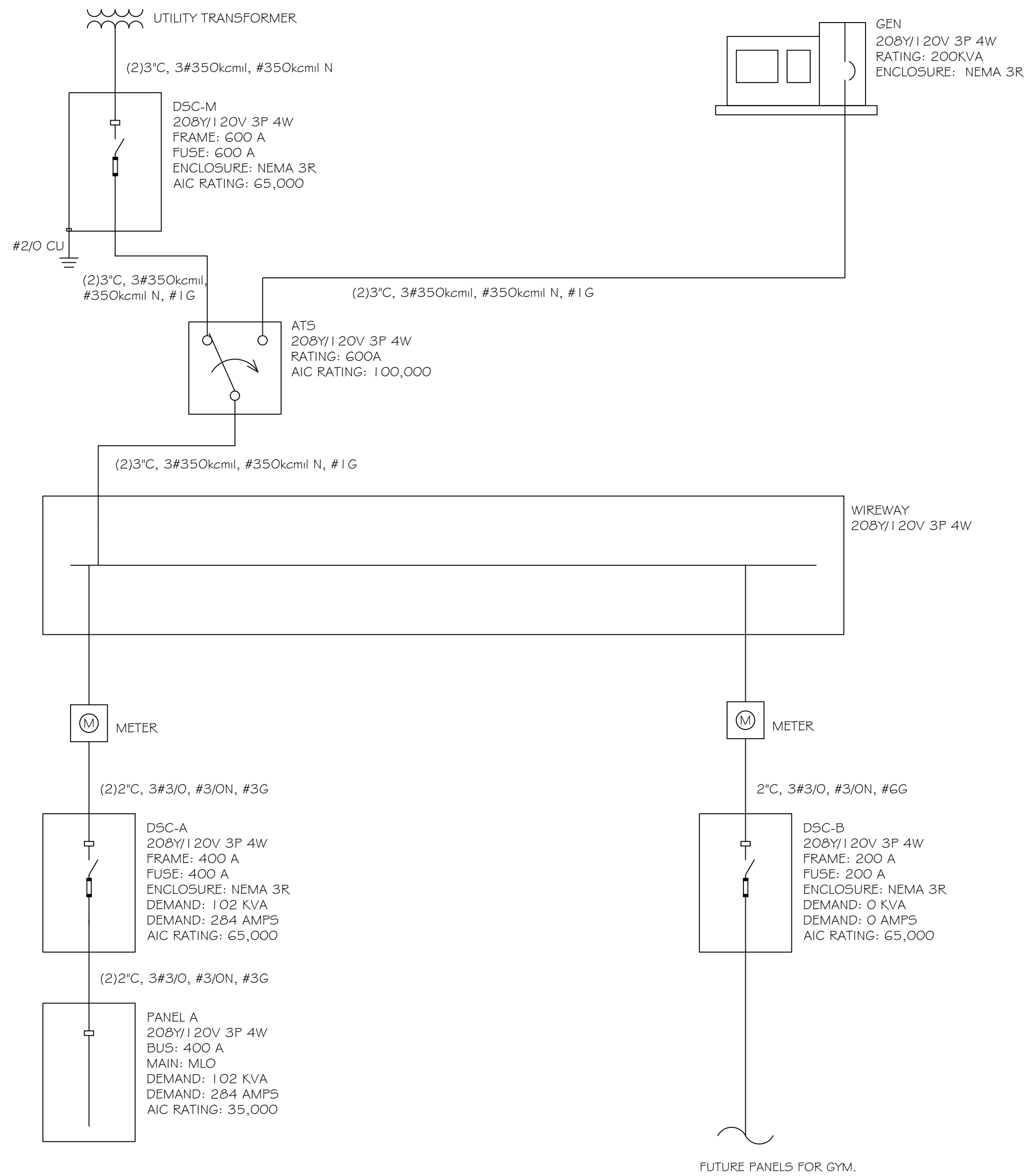
- A. EACH SUPPLY DIFFUSER/REGISTER RUNOUT SHALL BE PROVIDED WITH A VOLUME DAMPER. REFER TO THE DIFFUSER TAKE-OFF DETAIL FOR ADDITIONAL INFORMATION.
- B. DRAWINGS ARE DIAGRAMMATIC ONLY; FINAL ROUTING OF DUCTWORK AND EQUIPMENT LOCATIONS SHALL BE DETERMINED IN THE FIELD. ADDITIONAL OFFSETS, ELBOWS, ETC. SHALL BE PROVIDED AND INSTALLED WITHOUT ADDITIONAL COST TO THE OWNER.
- C. ALL EXHAUST TERMINATIONS TO BE LOCATED A MINIMUM OF 1'0" AWAY FROM MECHANICAL AIR INTAKES AND A MINIMUM OF 3' AWAY FROM OPERABLE OPENINGS.

- ① ROUTE EXHAUST DUCT UP TO ROOF CAP WITH INSECT SCREEN.
- ② OUTSIDE AIR DUCT ROUTED UP TO IH-1 ON ROOF ABOVE.
- ③ EXHAUST DUCT ROUTED UP TO RH-1 ON ROOF ABOVE.
- ④ TRAP & ROUTE 1"Ø CONDENSATE DRAIN LINE TO SPLASH BLOCK ON GRADE.
- ⑤ 3/4" DOOR UNDERCUT.

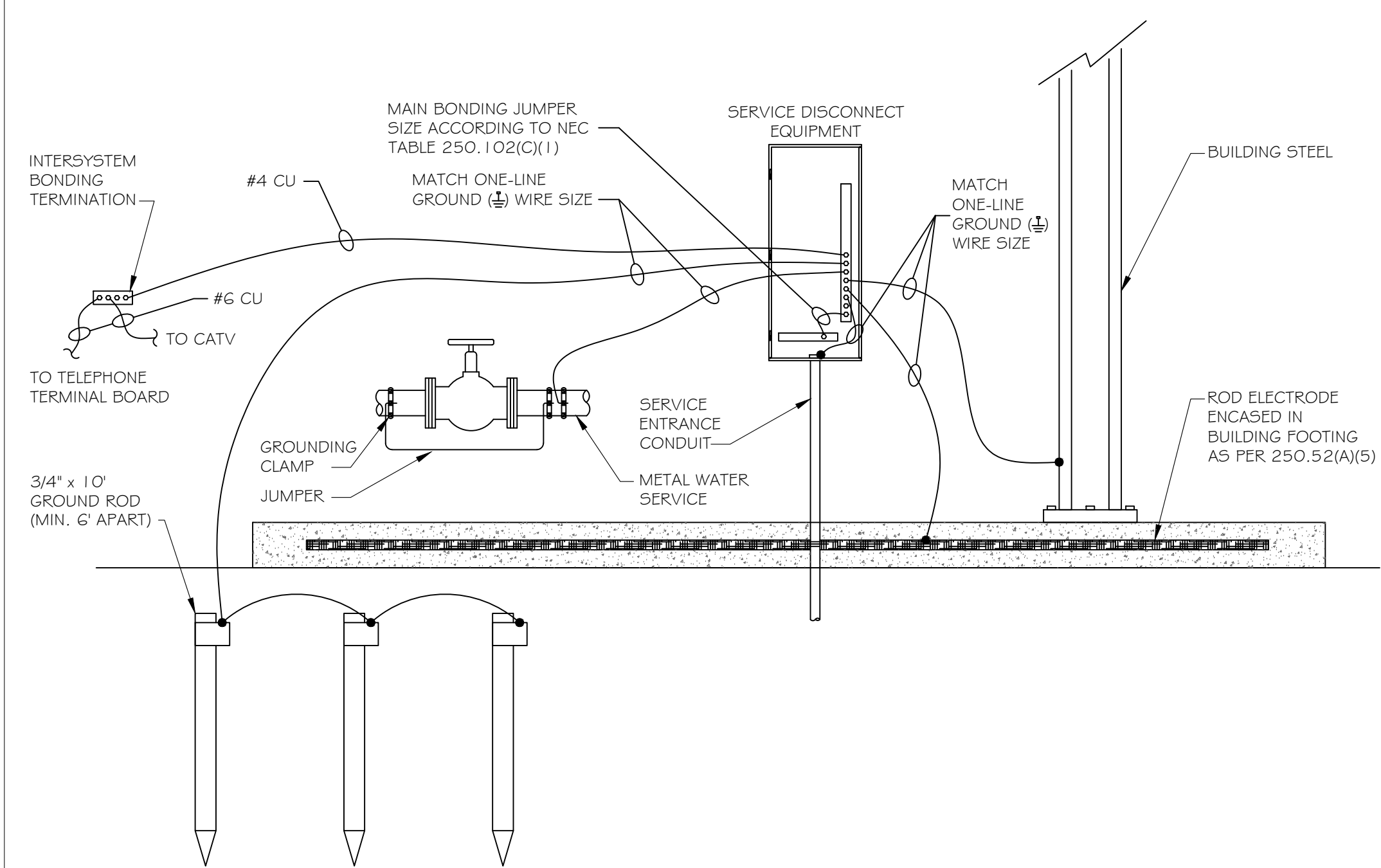




## ONE-LINE DIAGRAM



## GROUNDING AND BONDING DETAIL



## A

ROOM MOUNTING SURFACE		VOLTS 208Y/120V 3P 4W		AIC 35,000							
FED FROM DSC-A		BUS AMPS 400		MAIN BKR MLO							
NOTE NEMA 1		NEUTRAL 100%		LUGS STANDARD							
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	80/2	FCU-1	7.9			2	50/2	HP-1	3.3		
3				7.9		4				3.3	
5	80/2	FCU-2			7.9	6	50/2	HP-2			3.3
7			7.9			8			3.3		
9	80/2	FCU-3		7.9		10	50/2	HP-3		3.3	
11					7.9	12					3.3
13	30/2	MCU-1, MFCU-1	2.0			14	20/1	RECEPTACLE	0.9		
15				2.0		16	25/2	IWH-1		2.1	
17	20/1	EF-1, LIGHTING			1.2	18					2.1
19	20/1	EF-A, LIGHTING	1.6			20	20/1	RECEPTACLE	1.4		
21	20/1	LIGHTING		1.0		22	20/1	OVERHEAD DOOR		1.2	
23	20/1	MICROWAVE			1.5	24	20/1	RECEPTACLE			1.4
25	20/1	REFRIGERATOR		1.2		26	20/1	RECEPTACLE	1.1		
27	20/1	DATA RACK		1.0		28	20/1	RECEPTACLE		0.9	
29	20/1	TEL BACKBOARD			1.0	30	20/1	RECEPTACLE			0.7
31	20/1	WATER COOLER	0.6			32	20/1	RECEPTACLE	1.1		
33	20/1	RECEPTACLE		0.9		34	20/1	RECEPTACLE		1.3	
35	20/1	RECEPTACLE			0.9	36	20/1	LIGHTING			0.2
37	20/1	LIGHTING	0.5			38	35/3	IWH-2	3.3		
39	20/1	RECEPTACLE		1.4		40				3.3	
41	20/1	SPACE			0.0	42					3.3
43	20/1	RECEPTACLE		1.1		44	20/1	RECEPTACLE	0.9		
45	20/1	RECEPTACLE			1.1	46	20/1	RECEPTACLE		0.2	
47	20/1	RECEPTACLE			1.4	48	20/1	RECEPTACLE			1.1
49	20/1	RECEPTACLE	0.7			50	20/1	RECEPTACLE	0.5		
51	20/1	RECEPTACLE		1.4		52	20/1	RECEPTACLE		0.9	
53	20/1	RECEPTACLE			1.6	54	20/1	RECEPTACLE			1.1
55	20/1	RECEPTACLE				56	20/1	RECEPTACLE	0.4		
57	20/1	SPACE	1.4	0.0		58	20/1	RECEPTACLE		1.1	
59	20/1	SPACE			0.0	60	20/3	GRINDER PUMP			1.6
61	20/1	SPACE	0.0			62			1.6		
63	20/1	SPACE		0.0		64				1.6	
TOTAL CONNECTED KVA BY PHASE									43.0	44.0	42.0
TOTAL CONNECTED AMPS BY PHASE									356.1	366.1	350.4
CONN KVA		CALC KVA				CONN KVA		CALC KVA			
LIGHTING	3.7	4.7	(125%)			KITCHEN EQUIPMENT	1.2	1.2	(100%)		
LARGEST MOTOR	6.7	1.7	(25%)			CONTINUOUS	14.1	17.6	(125%)		
MOTORS	6.1	6.1	(100%)			NONCONTINUOUS	4.1	4.1	(100%)		
RECEPTACLES	28.4	19.2	(50%>10)			HEATING	47.6	47.6	(100%)		
						COOLING	23.7	0.0	(0%)		
TOTAL LOAD									102.2		
BALANCED 3-PHASE LOAD									263.7 A		



Energy Code: 2015 IECC  
Project Title: UNION COUNTY  
Project Type: New Construction

Additional Efficiency Package(s)

Reduced Lighting Power, 1.0 credit

### Allowed Interior Lighting Power

1-Office	7726	0.74	5702
----------	------	------	------

### Proposed Interior Lighting Power

LED: P: EXTERIOR GRADE PENDANT LIGHT FI: Other:	1	1	32	32
	Total Demand Watts =			2894

**Interior Lighting PASSES: Design 53% better than code**

### Interior Lighting Compliance Statement

**Compliance Statement:** The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Brian M. Armenta -PE  
 Name - Title

  
 Signature

10/05/2022  
 Date

Project Title: UNION COUNTY Report date: 10/05/2019  
Data filename: P:\Public\1221\22609 Union Co Elections & Voter Registration Blairsville GA 22102\122609 COMCHECK.cck Page 1 of 1

☐ Does Not  
☐ Not Observable

## Additional Comments/Assumptions:

1 High Impact (Tier 1)	2 Medium Impact (Tier 2)	3 Low Impact (Tier 3)
------------------------	--------------------------	-----------------------

Project Title: UNION COUNTY Report date: 10/05/2024  
 Data filename: P:\Public\12212122609 Union Co Elections & Voter Registration Blairsville GA 22102\122122609 COMCHECK.cck Page 3 of 3



Energy Code: 2015 IECC

Requirements: 100.0% were addressed directly in the COMcheck software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

with which compliance can be determined for the additional energy	<input type="checkbox"/> Not Observable
---	---

## Additional Comments/Assumptions:

1 High Impact (Tier 1)
2 Medium Impact (Tier 2)
3 Low Impact (Tier 3)

Project Title: UNION COUNTY      Report date: 10/05/22  
 Data filename: P:\Public\122122609 Union Co Elections & Voter Registration Blairsville GA 22102122609      Page 2 of 5  
 COMCHECK.cck

1 High Impact (Tier 1)
2 Medium Impact (Tier 2)
3 Low Impact (Tier 3)

Project Title: UNION COUNTY Report date: 10/05/2024  
 Data filename: P:\Public\1122609 Union Co Elections & Voter Registration Blairsville GA 22102\1122609 Page 4 of 5  
 COMCHECK.cck



Tower Place  
3340 Peachtree Road, N.E.  
Suite 1800  
Atlanta, Georgia 30326  
404.522.8805  
404.521.2118 (F)

	PROJECT NO.
--	-------------

COMCHECK SHEET TITLE

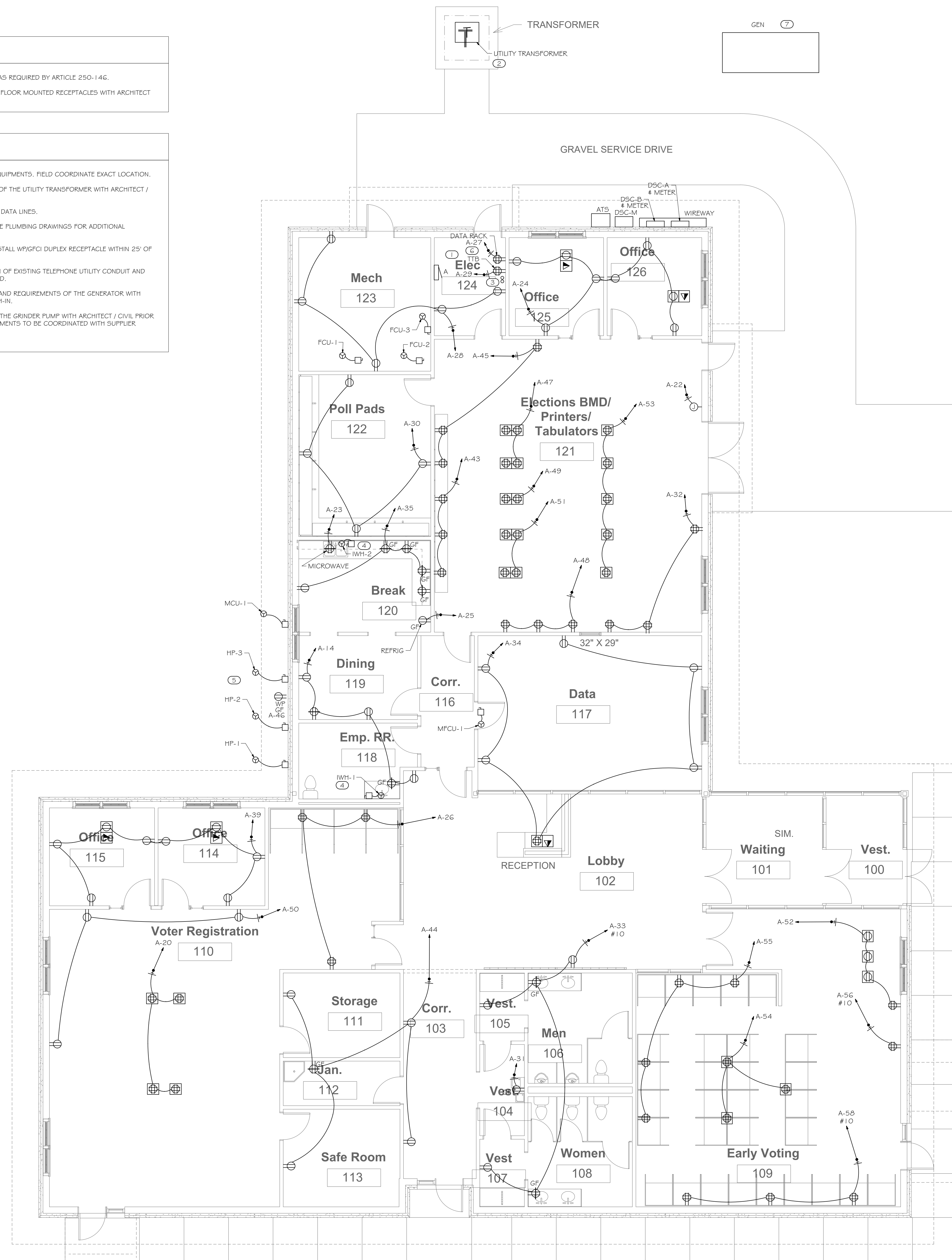
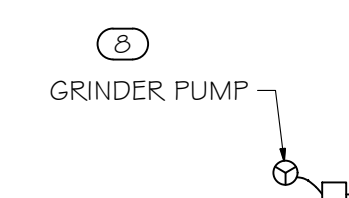
SHEET NO.

E0-05

FIRE ALARM CONTRACTOR SHALL PRODUCE SIGNED AND SEALED DOCUMENTS DETAILING DEVICE AND EQUIPMENT LOCATIONS, INTERCONNECTION OF DEVICES AND METHODS, BATTERY CALCULATION, EQUIPMENT AND DEVICE SPECIFICATION, ETC. TO BE SUBMITTED FOR PERMIT REVIEW.

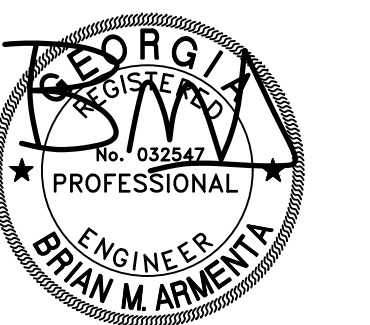
ALL RECEPTACLES SHALL BE GROUNDED AS REQUIRED BY ARTICLE 250-146.  
COORDINATION EXACT LOCATION OF ALL FLOOR MOUNTED RECEPTACLES WITH ARCHITECT PRIOR TO ROUGH-IN.

- ① LOCATION OF NEW DISTRIBUTION EQUIPMENTS. FIELD COORDINATE EXACT LOCATION.
- ② COORDINATE THE EXACT LOCATION OF THE UTILITY TRANSFORMER WITH ARCHITECT / CIVIL.
- ③ ROUTE (2) 2"C FOR TELEPHONE AND DATA LINES.
- ④ INSTANTANEOUS WATER HEATER. SEE PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- ⑤ LOCATION OF HVAC EQUIPMENT. INSTALL WYIFGCI DUPLEX RECEPTACLE WITHIN 25' OF MECHANICAL EQUIPMENT.
- ⑥ FIELD COORDINATE EXACT LOCATION OF EXISTING TELEPHONE UTILITY CONDUIT AND LOCATE TELEPHONE TERMINAL BOARD.
- ⑦ COORDINATE THE EXACT LOCATION AND REQUIREMENTS OF THE GENERATOR WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN.
- ⑧ COORDINATE EXACT LOCATION FOR THE GRINDER PUMP WITH ARCHITECT / CIVIL PRIOR TO ROUGH-IN. ADDITIONAL REQUIREMENTS TO BE COORDINATED WITH SUPPLIER PRIOR TO INSTALL.



1 FLOOR PLAN - POWER  
SCALE: 3/16" = 1'-0"

51 Industrial  
Boulevard  
Blairsville,  
Georgia 30512

[illegible]

**PROFICIENT**  
ENGINEERING  
Peachtree Industrial Blvd Building 700  
Peachtree Corners, Georgia 30092  
404.330.9798  
PROJECT # 122609

Tower Place  
3340 Peachtree Road, N.E.  
Suite 1800  
Atlanta, Georgia 30326  
404.522.8805  
404.521.2118 (F)

PROJECT NO.

2102

SHEET TITLE

LOOR PLAN -  
OWER

SHEET NO.

E1-01

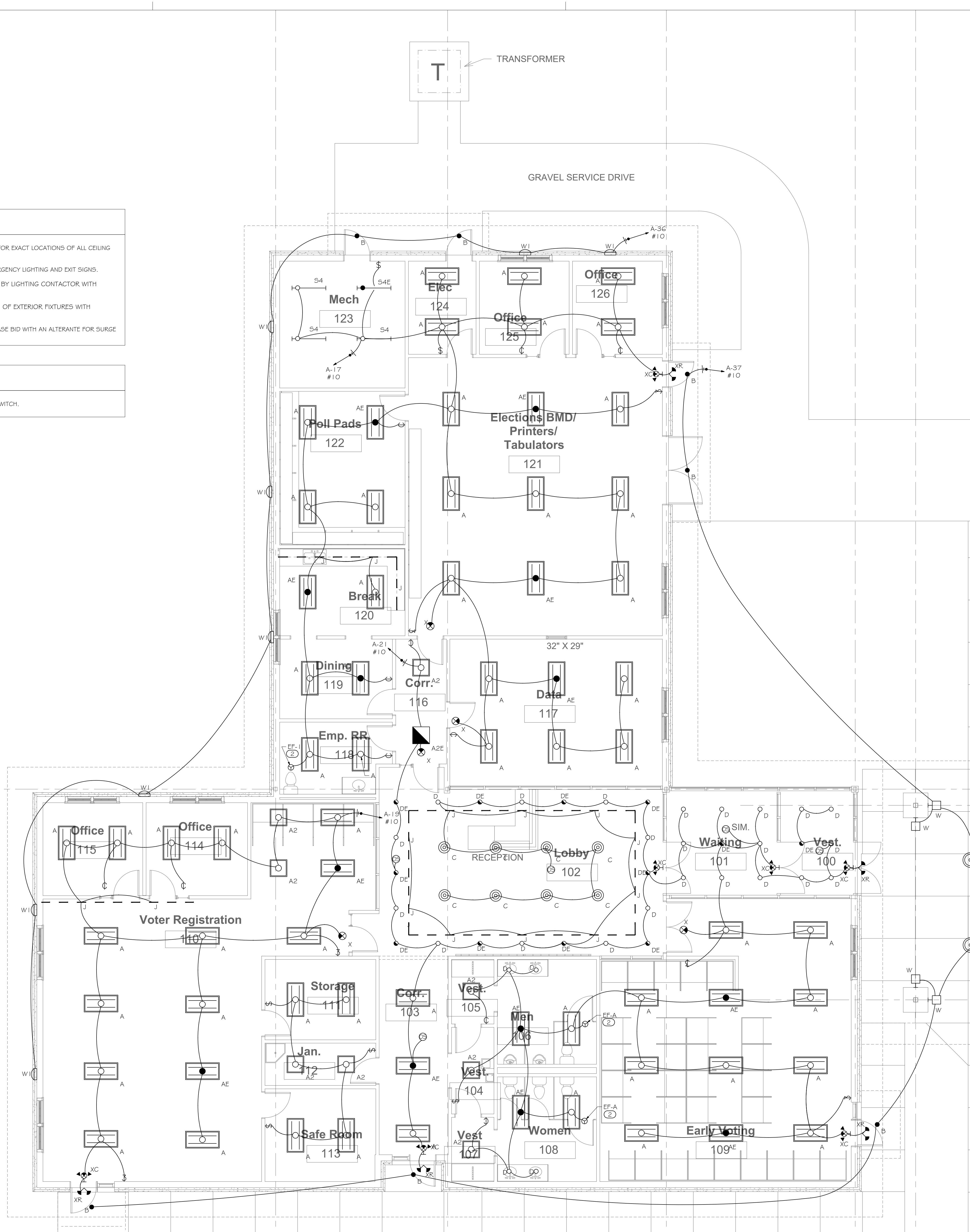
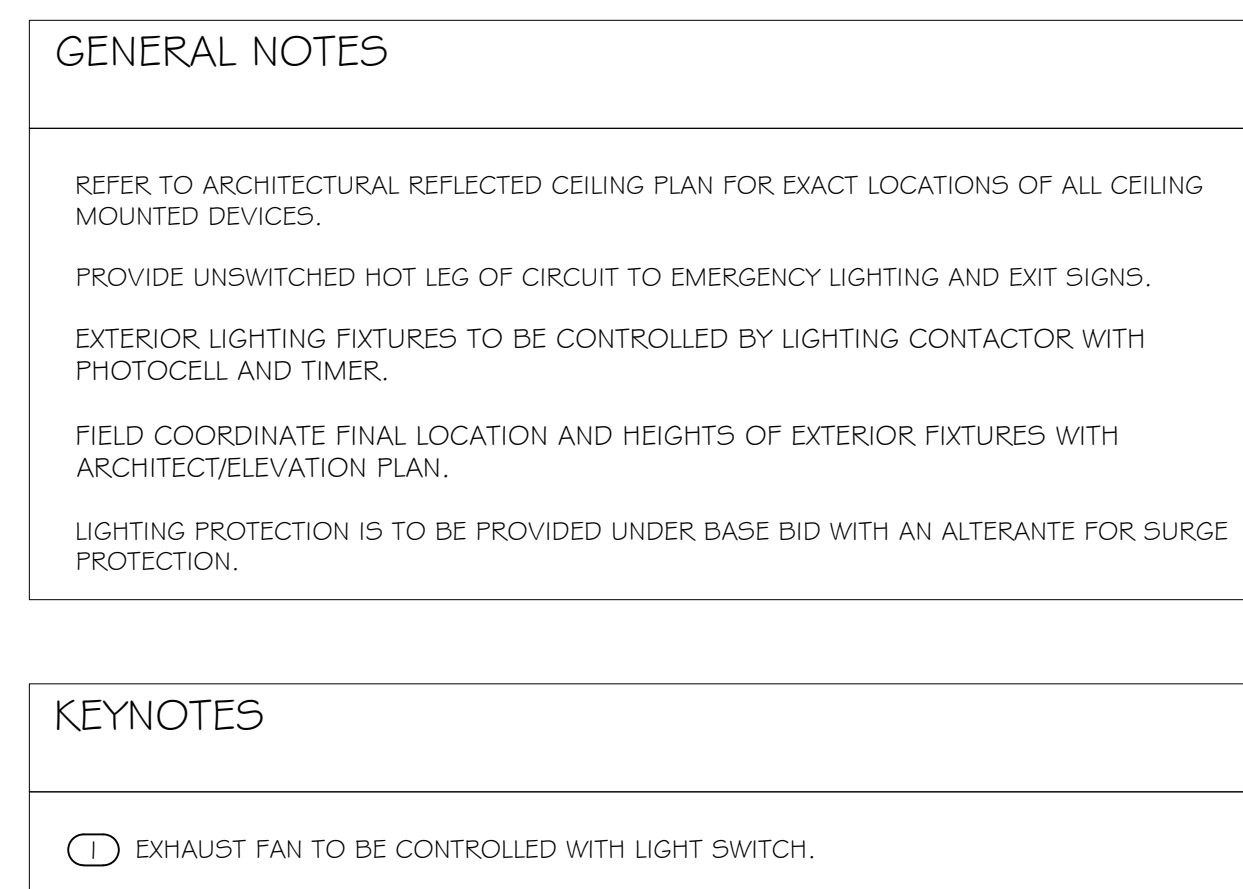
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- Tower Place
- 3340 Peachtree Road, N.E.
- Suite 1800
- Atlanta, Georgia 30326
- 404.522.8805
- 404.521.2118 (F)

:22102

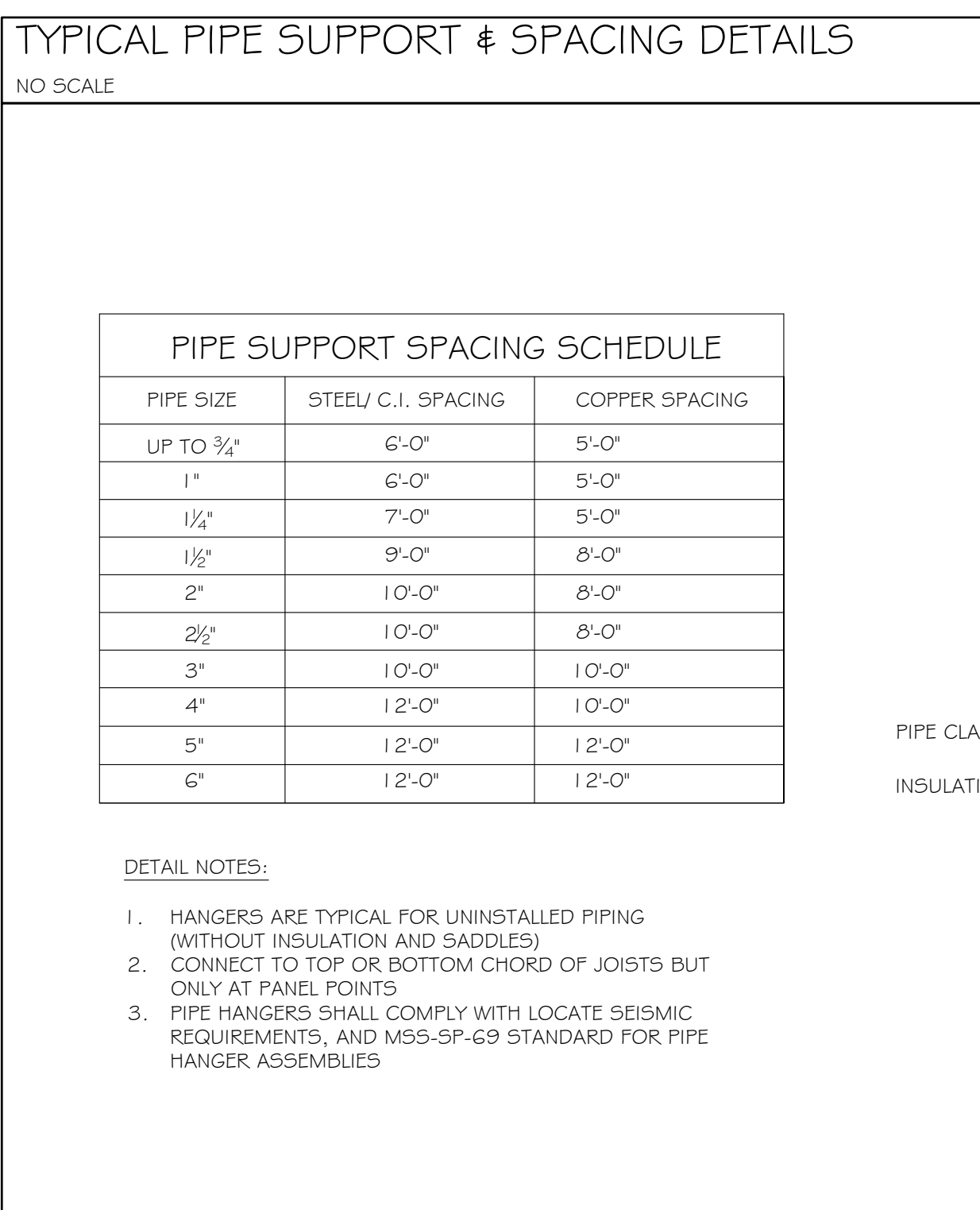
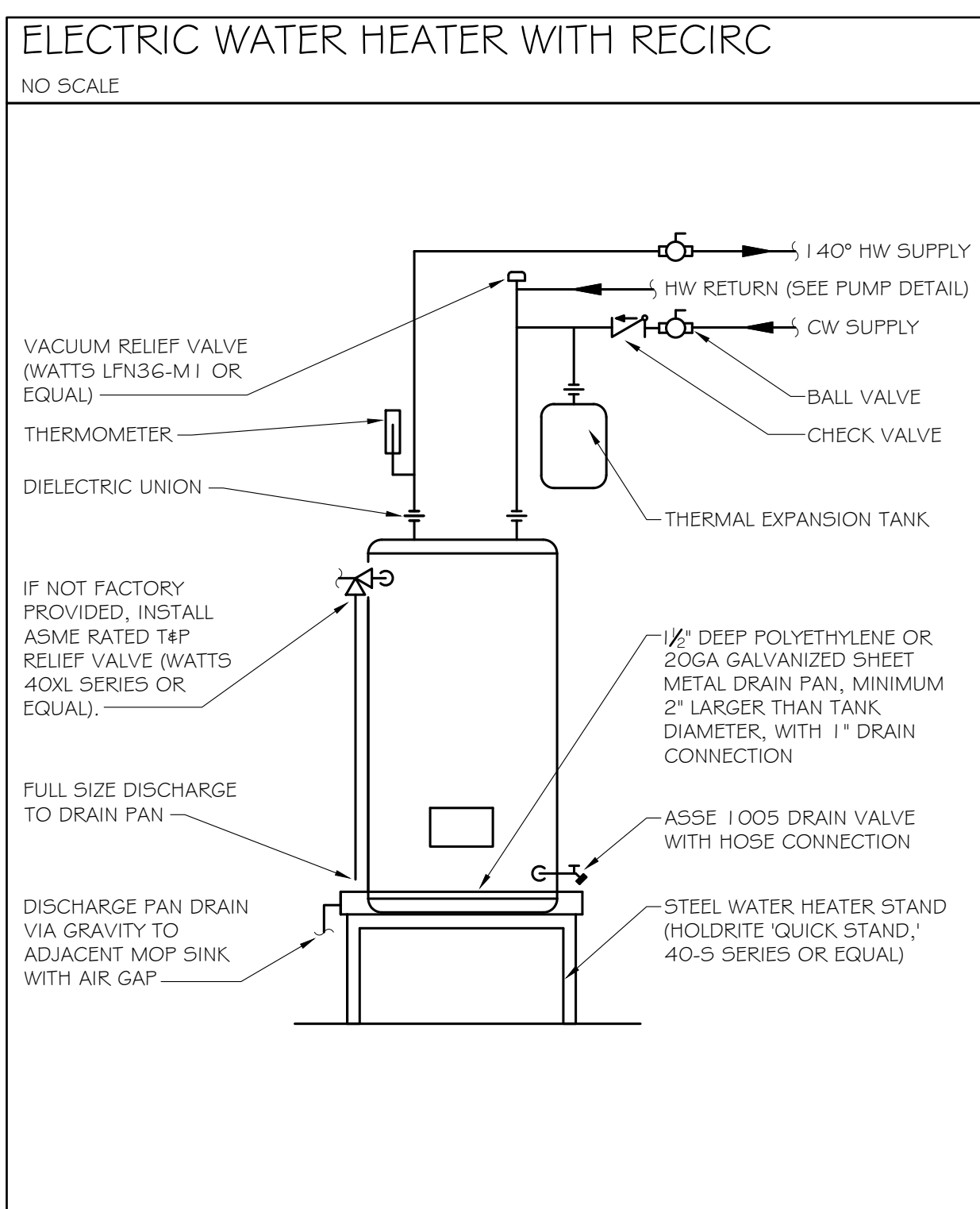
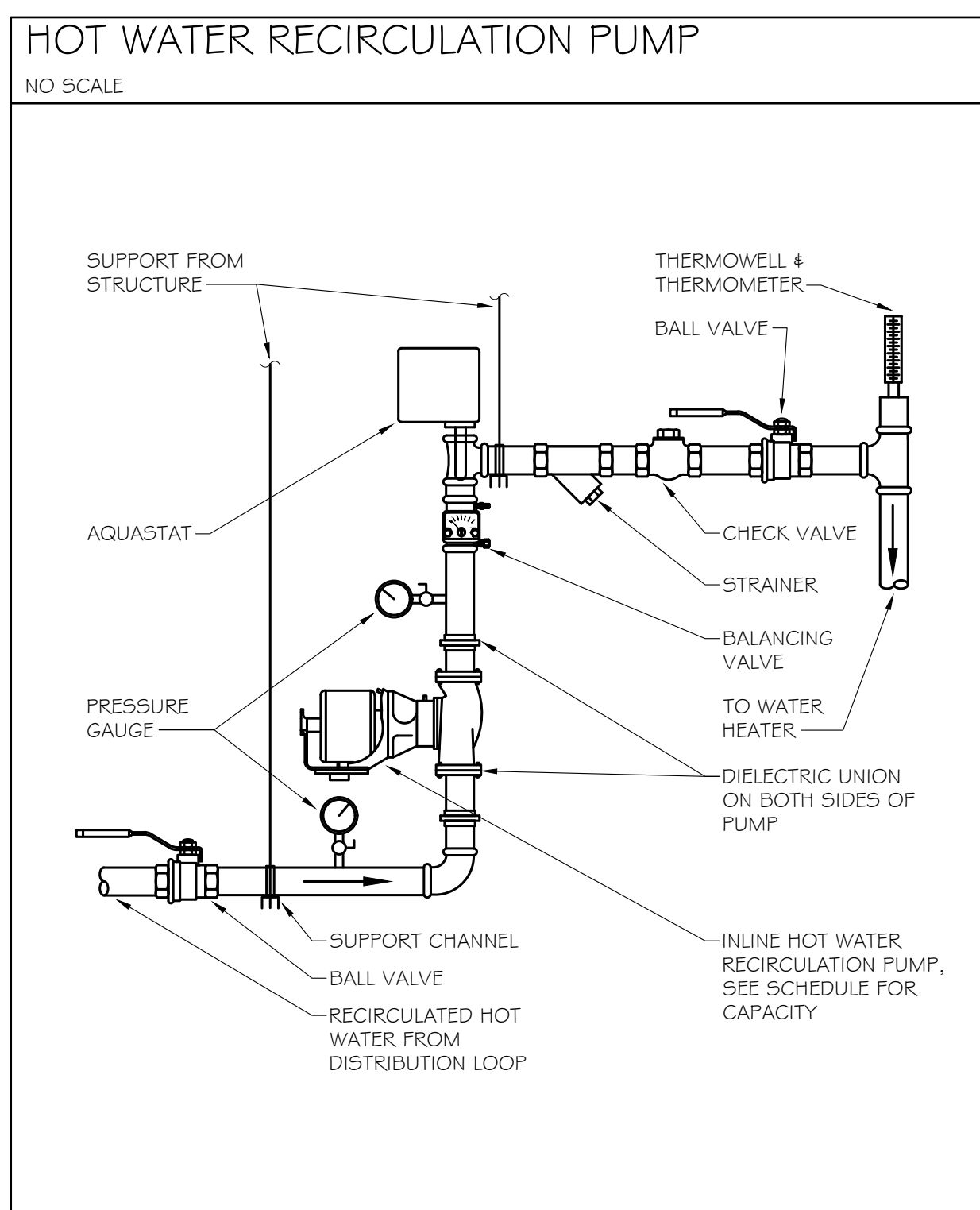
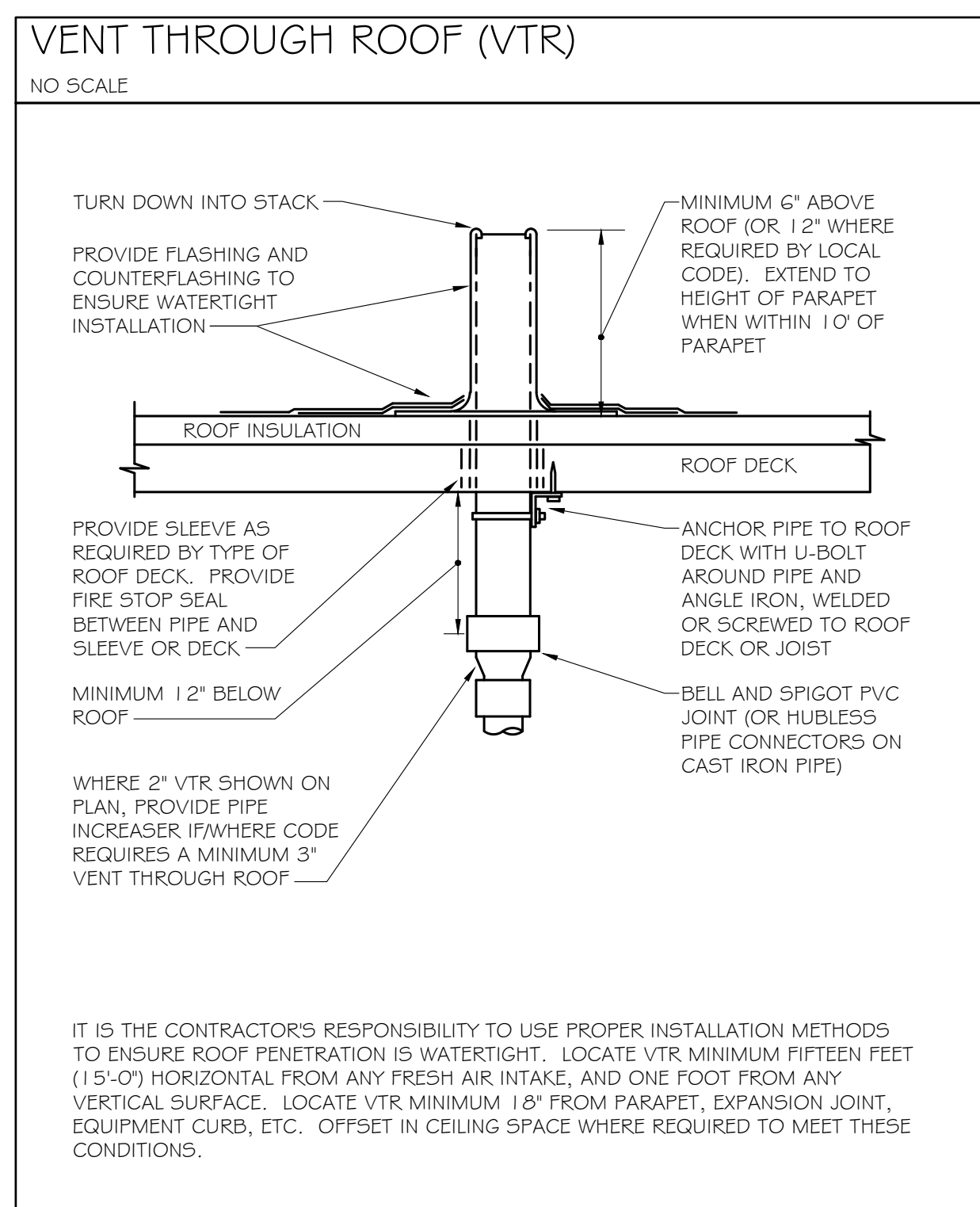
: FLOOR PLAN -  
: LIGHTING

E1-02



1 FLOOR PLAN - LIGHTING  
SCALE: 3/16" = 1'-0"





## PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	WASTE RUNOUT	WASTE CONN.	VENT	WATER RUNOUT		WATER CONN.		SPECIFICATION
					CW	HW	CW	HW	
L-1	LAVATORY (ADA) - DROP IN, SELF-RIMMING	2"	1 1/2"	2"	1/2"	1/2"	3/8"	3/8"	DROP IN LAVATORY (AMERICAN STANDARD "AQUALYN"; 047 G.02B). PROVIDE 0.5 GPM SINGLE HANDLE FAUCET WITH POLISHED CHROME FINISH (DELTA 501 LF-HGMHDF). HANDICAP DRAIN OFFSET W/50D DRAIN (ZURN 57-4 G-FC) AND CHROME PLATED P-TRAP (ZURN 2870-1 FC). CHROME PLATED BRASS ANGLE SUPPLY STOPS WITH 12" LONG X 3/8" FLUX SUPPLIES (MCGUIRE H1 65), WHERE NOT CONCEALED BY COUNTER SHROUD, INSULATE OFFSET, TRAP AND SUPPLY LINES (TRUBROK "LAVGUARD"; #103 E-2). PROVIDE THERMOSTATIC MIXING VALVE TO TEMPER HOT WATER TO 110 DEGREES (LEONARD 170-LF). LEAD FREE, ASSE 1070.
WC-1	WATER CLOSET - WALL MOUNT W/FLUSH VALVE	4"	3"	2"	1-1/4"	---	1"	---	WALL MOUNTED, FLUSH VALVE WATER CLOSET (AMERICAN STANDARD "AFWALL FLOWSE"; 2257.00.1), 1.28 GPF, WHITE VITREOUS CHINA, TOP OF RIM AT 15" AFF. PROVIDE HEAVY DUTY OPEN FRONT SEAT, LESS COVER, (AMERICAN STANDARD 5905.1.00). PROVIDE EXPOSED WATER CLOSET FLUSHMETER, CHROME PLATED, 1.28 GPF (SLOAN 111-128).
WC-2	WATER CLOSET (ADA) - WALL MOUNT W/FLUSH VALVE	4"	3"	2"	1-1/4"	---	1"	---	WALL MOUNTED, ADA FLUSH VALVE WATER CLOSET (AMERICAN STANDARD "AFWALL FLOWSE"; 2257.00.1), 1.28 GPF, WHITE VITREOUS CHINA, TOP OF RIM AT 16 1/2" AFF. PROVIDE HEAVY DUTY OPEN FRONT SEAT, LESS COVER, (AMERICAN STANDARD 5905.1.00). PROVIDE EXPOSED WATER CLOSET FLUSHMETER, CHROME PLATED, 1.28 GPF (SLOAN 111-128). FLUSH CONTROL MUST BE LOCATED ON OPEN SIDE OF WATER CLOSET.
WC-3	WATER CLOSET (ADA) - FLOOR MOUNT W/FLUSH VALVE	4"	3"	2"	1-1/4"	---	1"	---	FLOOR MOUNTED, ADA FLUSH VALVE WATER CLOSET (AMERICAN STANDARD "MADERA FLOWSE"; 3043.00.1), 1.28 GPF, WHITE VITREOUS CHINA, TOP OF RIM AT 16 1/2" AFF. PROVIDE HEAVY DUTY OPEN FRONT SEAT, LESS COVER, (AMERICAN STANDARD 5905.1.00). PROVIDE EXPOSED WATER CLOSET FLUSHMETER, CHROME PLATED, 1.28 GPF (SLOAN 111-128). FLUSH CONTROL MUST BE LOCATED ON OPEN SIDE OF WATER CLOSET.
UR-1	URINAL - HIGH EFFICIENCY, WALL MOUNTED W/FLUSH VALVE	2"	2"	2"	1"	---	3/4"	---	WALL MOUNTED, FLUSH VALVE URINAL (AMERICAN STANDARD "WASHROCK"; 6590.00.1), 0.5 GPF, WHITE VITREOUS CHINA, HIGH EFFICIENCY, WATERSEAL LIP, PROVIDE 1/2" X 1/2" SUPPORT SYSTEM. COORDINATE MOUNTING HEIGHTS) AND ADA DESIGNATIONS WITH ARCHITECTURAL DRAWINGS. PROVIDE CHROME PLATED URINAL FLUSHMETER, 0.5 GPF (AMERICAN STANDARD "FLOWER"; 6045.05.1.002).
BWC-1	WATER COOLER (ADA) - B1-LEVEL WITH BOTTLE FILLER	2"	1 1/2"	2"	1/2"	---	1/2"	---	B1-LEVEL ADA WATER COOLER WITH BOTTLE FILLING STATION, INTEGRAL WATER FILTER & VISUAL DELAY TO INDICATE FILTER STATUS (ELKAY "E2150 LBSWLSF"). ORIFICES AT 38 1/8" AND 32 7/8" AFF. 8.0 GPM OF COLD WATER (AT 200PSI) HOT TEMP. PROVIDE ACCESSORY AFRON (KUPFER) IF INSTALLED ON EXPOSED WALL FOR CAKE DETECTION MOUNT WITH WALL CARRIER (ZURN 1225-BL).
SK-1	STAINLESS SINK, UNDERMOUNT, DOUBLE-BOWL (ADA)	2"	1 1/2"	2"	1/2"	1/2"	3/8"	3/8"	STAINLESS STEEL DOUBLE BOWL UNDERMOUNT SINK (ELKAY ELUHD321 65SPD), BOWL DIMENSIONS: 14" L, 14" W, 5.5" D. ADA COMPLIANT 1.5 GPM FAUCET WITH FULL-OUT SPRAY (ELKAY LK5000), SINGLE HOLE MOUNTING (E85 ESCUTCHION PLATE). MCGUIRE CHROME PLATED P-TRAP W/C-0. CHROME PLATED BRASS ANGLE SUPPLY STOPS, 12" LONG X 3/8" FLUX SUPPLIES. PROVIDE BASKET STRAINERS (ZURN 2874-55).
MS-1	MOP SINK	3"	3"	2"	1/2"	1/2"	1/2"	1/2"	24X24" FLOOR BASIN (FAT M58-2424) AND SERVICE FAUCET WITH VACUUM BREAKER, INTEGRAL STOPS, PAIL HOOK AND 3/4" HOSE THREAD ON SPOUT (830-AA). PROVIDE HOSE AND BRACKET (832-AA). MOP HANGER (889-CC), STAINLESS STEEL BUMPERGUARD (E-88-AA) AND STAINLESS STEEL WALL GUARD (MSG2424).
FD-1	FLOOR DRAIN - GENERAL PURPOSE	3"	3"	2"	---	---	---	---	GENERAL PURPOSE FLOOR DRAIN (J.R. SMITH 4200S) WITH FLASHING COLLAR, ADJUSTABLE STRAINER HEAD & 4" ROUND NICKEL BRONZE STRAINER. PROVIDE SQUARE STRAINER FOR TILE APPLICATIONS. PROVIDE ASSE 1072 TRAP SEALER (ZURN 21 072).
HD-1	HUB DRAIN	see plan	see plan	---	---	---	---	---	SIOUX CHIEF 832 SERIES ADJUSTABLE HUB DRAIN FIXTURE, PROVIDE STAINLESS STEEL MESH DEBRIS BASKET. PROVIDE ASSE 1072 TRAP SEALER (ZURN 21 072).
FCO	FLOOR CLEANOUT	see plan	see plan	---	---	---	---	---	FLOOR CLEANOUT WITH CAST IRON BODY AND ADJUSTABLE NICKEL BRONZE TOP (J.R. SMITH 21 071). CLEANOUT SIZE SHALL MATCH LINE SIZE.
MV-1	MIXING VALVE (POINT OF USE)	---	---	---	1/2"	1/2"	3/8"	3/8"	POINT-OF-USE THERMOSTATIC MIXING VALVE (LEONARD 4170-LF) WITH INTEGRAL RIT CHECK VALVES, TEMPERATURE ADJUSTMENT KNOB WITH LOCK SCREW, LEAD FREE, ASSE STANDARD 1070. MINIMUM FLOW 0.25 GPM, 5 PSI DROP @ 1.7 GPM.
WHA-X	WATER HAMMER ARRESTOR	---	---	see plan	---	---	see plan	---	WATER HAMMER ARRESTOR, ASSE 1010 (J.R. SMITH SERIES 500S-050), "X IN WHA"X" REFERS TO PDI SIZE INDICATED ON DRAWINGS.
ET-1	POTABLE WATER EXPANSION TANK	---	---	---	3/4"	---	3/4"	---	LEAD-FREE POTABLE WATER EXPANSION TANK (WATTS RLT-5). 2-1/2" GALLONS TOTAL VOLUME, 0.8 GALLONS MAXIMUM ACCEPTANCE VOLUME. TANK SHALL BE INSTALLED TO THE SYSTEM PRESSURE PRIOR TO INSTALLATION (CONTRACTOR TO FIELD-VERIFY).
FWH-1	FREEZE-PROOF WALL HYDRANT IN BOX	---	---	---	3/4"	---	3/4"	---	CONCEALED 3/4" HOSE CONNECTION IN WALL BOX, WITH INTEGRAL AUTOMATIC DRAINING, ANTI-SIPHON VACUUM BREAKER (J.R. SMITH 5509QT). LENGTH TO SUIT WALL THICKNESS, PROVIDED WITH QUARTER TURN, SQUARE FITTING, T-HANDLE KEY.
MB-1	ICE MAKER/REFRIGERATOR BOX	---	---	---	1/2"	---	1/2"	---	ICE MAKER CONNECTION BOX (CATY 395w356w3 SERIES), 6"VC, LOW LEAD, 1/4 TURN BRASS VALVE WITH INTEGRAL FACTORY INSTALLED WATER HAMMER ARRESTOR, WHERE BOX IS TO BE INSTALLED IN FIRE RATED WALL, PROVIDE CATY 391X SERIES, PROVIDE BACKFLOW PREVENTER IN SUPPLY LINE (WATTS 503; ASSE 1022).
DSB-1	DOWNSPOUT BOOT	---	---	---	---	---	---	---	ANGULAR OFFSET CAST IRON DOWNSPOUT BOOT WITH SIDE CLEANOUT (J.R. HOE AND SONS A-SERIES) OR APPROVED EQUIV. PROVIDE STAINLESS STEEL FERRULES WHEN ATTACHING TO A-NON-MASONRY WALL SURFACE. REFER TO PLANS FOR SIZE.
AAV-1	AIR ADMITTANCE VALVE	---	---	see plan	---	---	---	---	STRUCT. MIN. VENT. MODEL 20301 OR MAXI-VENT MODEL 20302, IN ACCORDANCE WITH SIZE ON PLANS. INSTALL AT LEAST 4" ABOVE THE HORIZONTAL BRANCH DRAIN.

PRIOR TO SUBMITTAL OR PURCHASE, THE PLUMBING CONTRACTOR SHALL VERIFY TYPE SPECIFICATIONS WITH ARCHITECT/OWNER.

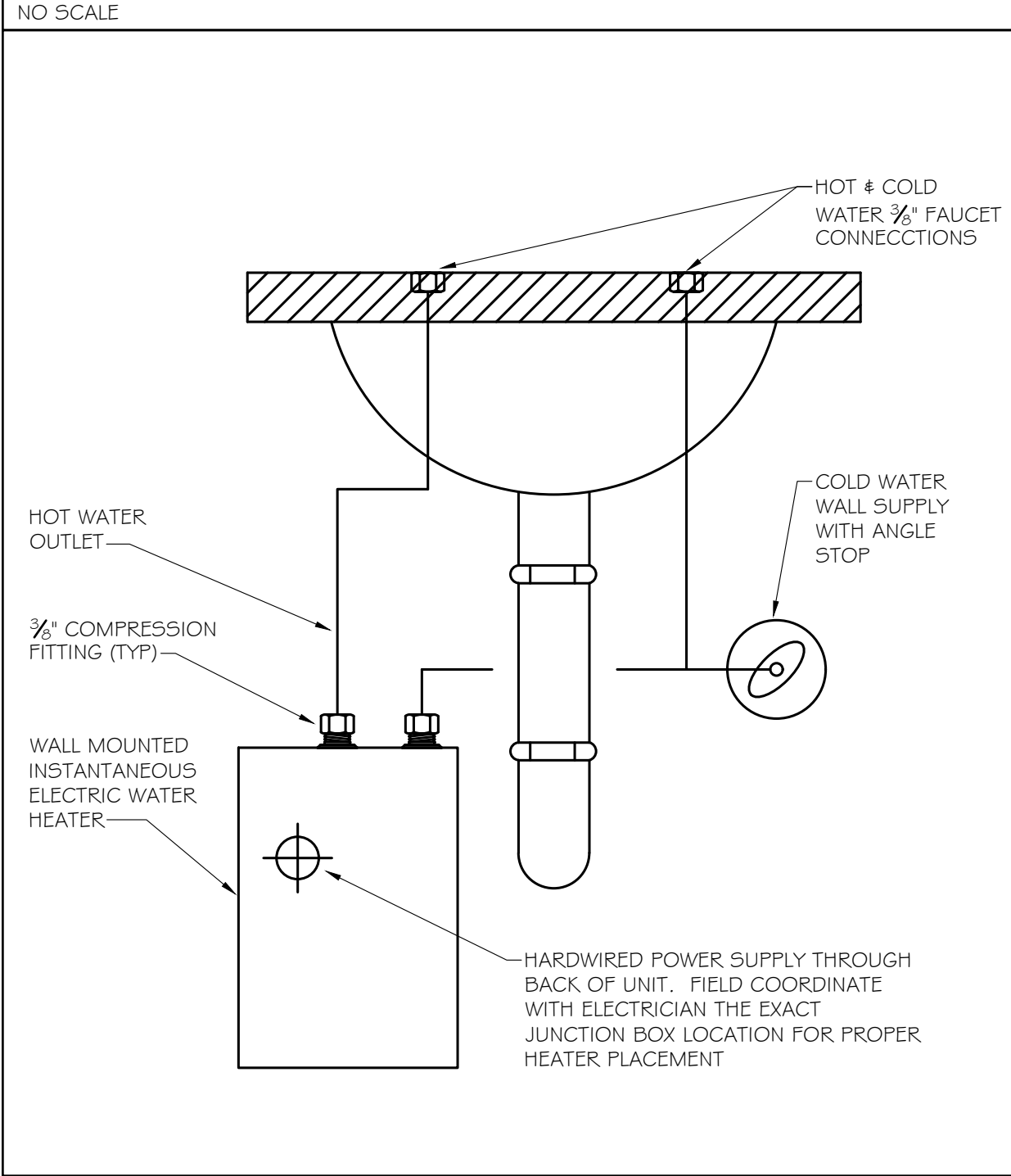
ELECTRIC WATER HEATER SCHEDULE

MARK	TANK CAPACITY	RECOVERY	SETPOINT	ELECTRICAL	BASIS	TYPE
WH-1	40 GAL	51 GPH @ 80° RISE	120°	10.0 KW	A.O. SMITH DEN-40	TALL

PRIOR TO SUBMITTAL OR PURCHASE, THE PLUMBING CONTRACTOR SHALL VERIFY THE APPROPRIATE ELECTRICAL CHARACTERISTICS OF THE SELECTED WATER HEATER. COORDINATE DIRECTLY WITH THE ELECTRICAL CONTRACTOR AND THE POWER PANEL SCHEDULES ON THE ELECTRICAL DRAWINGS.

## RECIRCULATION PUMP SCHEDULE

MARK	ELECTRICAL	CAPACITY	NOTES	BASIS
RP-1	120v	4.0 GPM @ 10' HEAD	PROVIDE 24-HOUR TIMER, PROVIDE ADJUSTABLE AQUASTAT (HONEYWELL LEGOS OR EQUAL).	ARMSTRONG ASTRO SERIES
<p>PRIOR TO SUBMITTAL OR PURCHASE, THE PLUMBING CONTRACTOR SHALL VERIFY THE APPROPRIATE ELECTRICAL CHARACTERISTICS OF THE SELECTED PUMP. COORDINATE DIRECTLY WITH THE ELECTRICAL CONTRACTOR AND THE POWER PANEL SCHEDULES ON THE ELECTRICAL DRAWINGS.</p> <p>CONTRACTOR SHALL INSTALL BALANCING VALVE AND SHALL ADJUST AS NEEDED TO ENSURE PUMP FLOW DOES NOT EXCEED 5 GPM</p>				

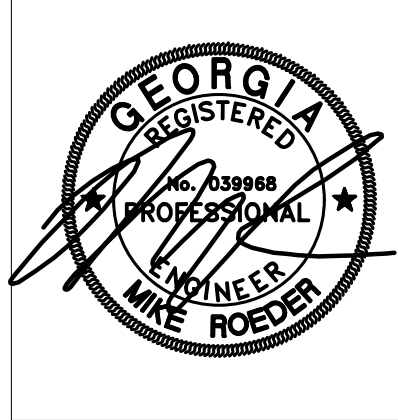
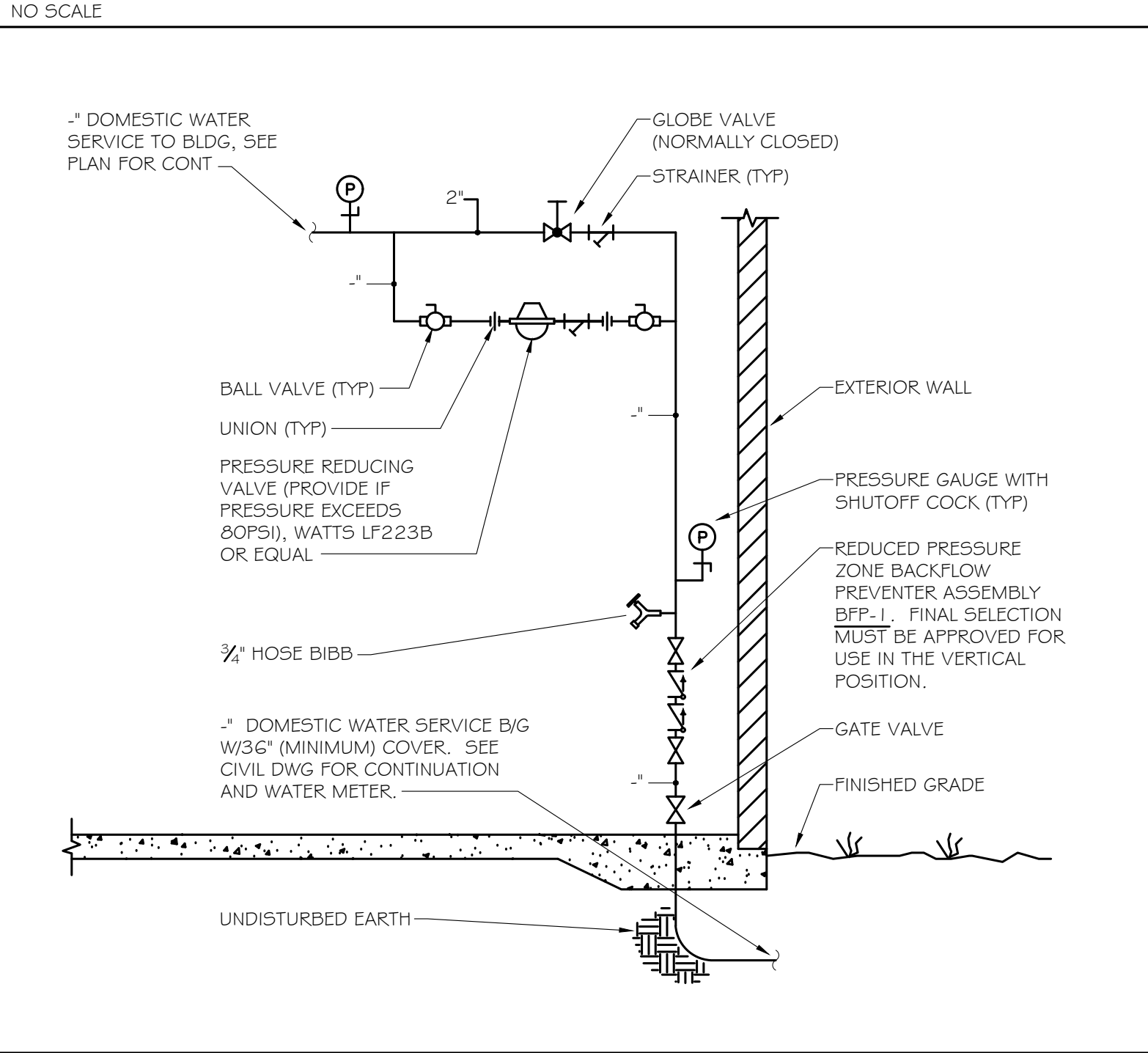


### INSTANTANEOUS WATER HEATER SCHEDULE

MARK	HEATING	ACTIVATION FLOW	SETPOINT	ELECTRICAL INPUT	BASIS	NOTES
WH-1	56° RISE @ 0.5GPM	.35 GPM	110°F	4.1 KW	CHRONOMETER M-20L / 208	MICROPROCESSOR CONTROLLED TEMPERATURE SETPOINT
WH-1	45° RISE @ 1.5 GPM	.35 GPM	120°F	10.0 KW	CHRONOMETER R-48L / 208	MICROPROCESSOR CONTROLLED TEMPERATURE SETPOINT

PRIOR TO SUBMITTAL OR PURCHASE, THE PLUMBING CONTRACTOR SHALL VERIFY THE APPROPRIATE ELECTRICAL CHARACTERISTICS OF THE SELECTED WATER HEATER. COORDINATE DIRECTLY WITH THE ELECTRICAL CONTRACTOR AND THE POWER PLANT FACILITIES ON THE ELECTRICAL DRAWINGS.

PRIOR TO SUBMITTAL OR PURCHASE, THE PLUMBING CONTRACTOR SHALL CONFIRM THAT HAND SINK OR LAVATORY FAUCETS TO BE SERVED BY THIS WATER HEATER IS EQUIPPED WITH A 0.5 GPM AERATOR.



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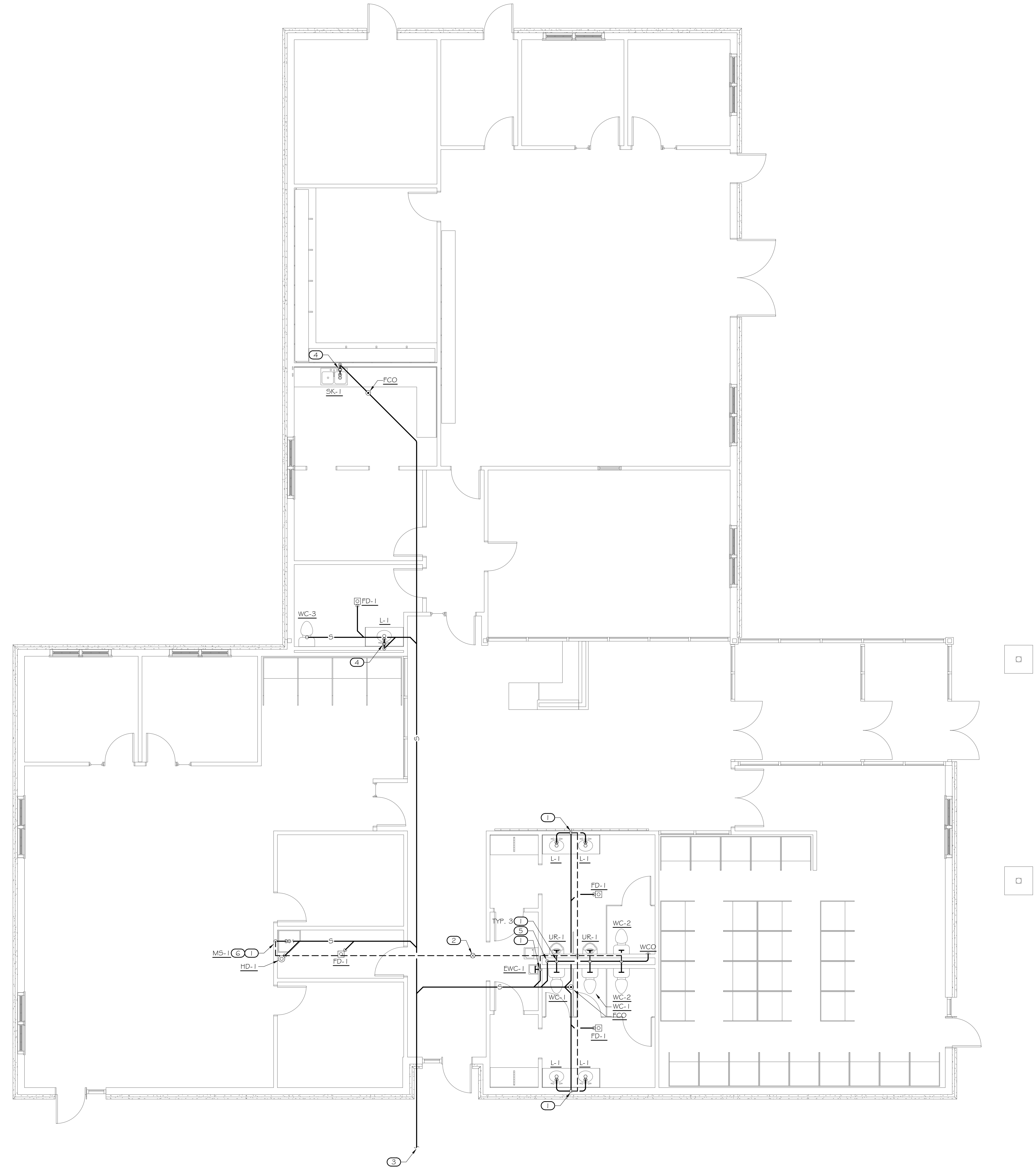
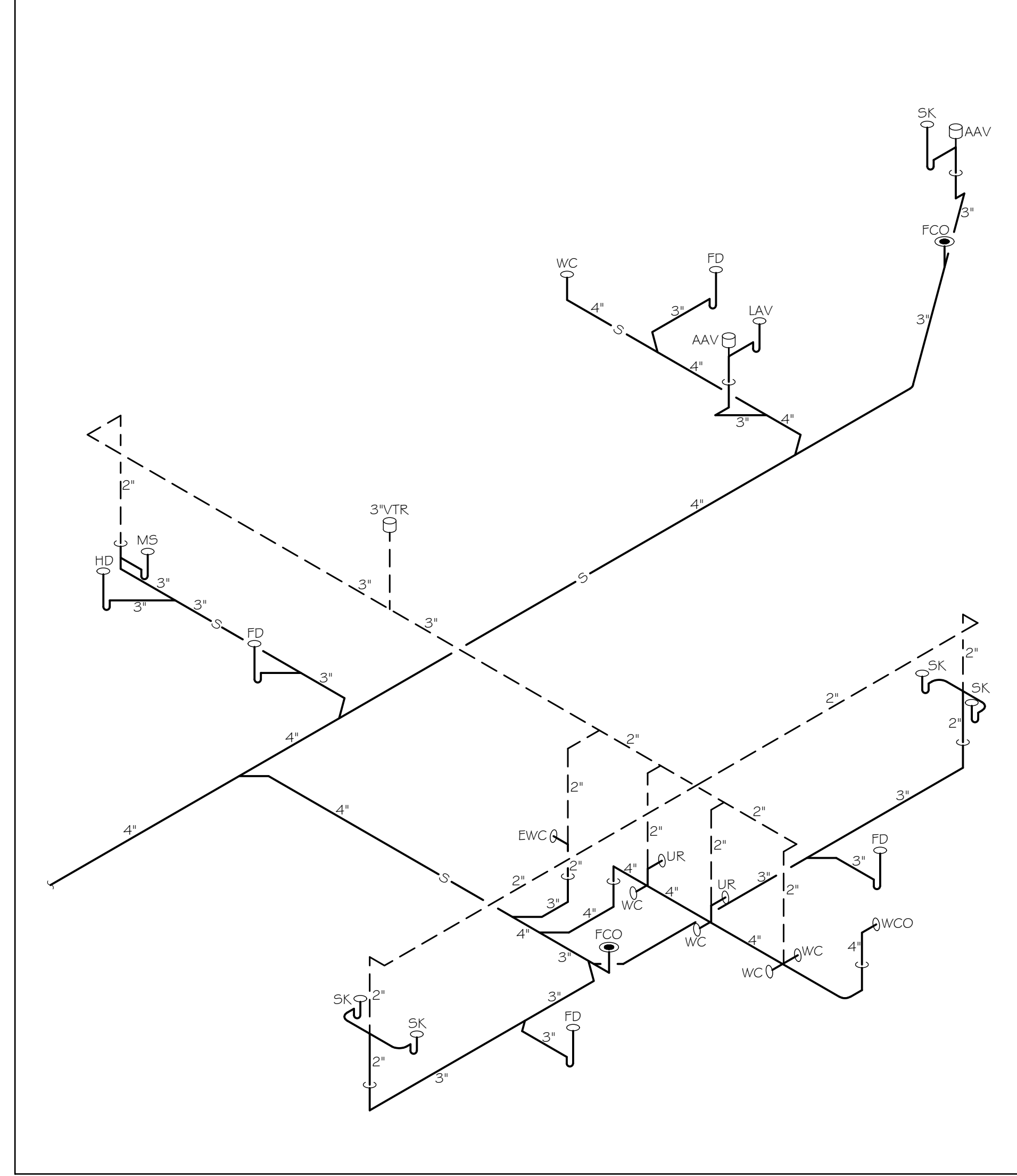
22102

SCHEDULES &  
DETAILS

SHEET NO.

P 0 - 02

## NO SCALE



1 FLOOR PLAN - DRAINAGE  
SCALE: 3/16" = 1'-0"

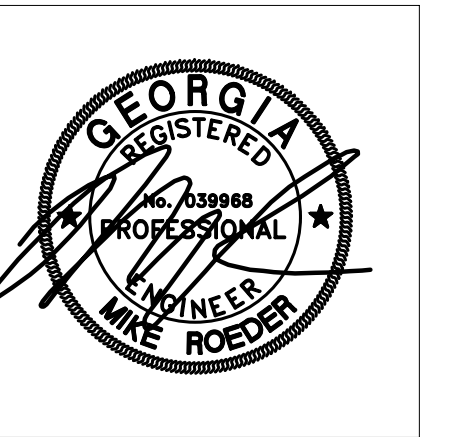
SCALE: 3/16" = 1'-0"

- ① 2" V DN
- ② 3" V UP TO 3" VTR
- ③ 4" 5 B/G, SEE CIVIL DWG FOR CONT
- ④ 2" VENT TO AIR ADMITTANCE VALVE AAV-1 UNDER COUNTER
- ⑤ 4" 5 DN
- ⑥ DISCHARGE WATER HEATER PAN DRAIN TO HUB DRAIN WITH AIR GAP

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RELEASED FOR CONSTRUCTION

visions

[illegible]

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PROJECT NO.
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22102

SHEET TITLE
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FLOOR PLAN -  
DRAINAGE

SHEET NO.
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01-01

PERMISSION.

