

DOCUMENT 00 91 00

ADDENDA

ADDENDUM NUMBER 1

DATE: 12/20/2024

PROJECT: SEMCO Emergency Operations Center

PROJECT NUMBER: 1584-00003

OWNER: SEMCO Energy Gas Company

ARCHITECT/ENGINEER: Anderson, Eckstein & Westrick, Inc.

TO: Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated December 6, 2024, with amendments and additions noted below.

This Addendum consists of (16) total pages.

The following changes to and/or clarifications of the Contract Documents will be incorporated in said Contract Documents and such changes shall be allowed for in the price bid by the Contractor, such that the price indicated in the Proposal shall represent the conditions as set forth in the original Contract Documents as modified by this Addendum.

Acknowledgment of receipt of this Addendum and the Bidder's Acceptance of these revised conditions prior to submittal of the bid shall be indicated by adding the Addendum number in the space provided in the Bid Form. Failure to do so may disqualify the Bidder.

A. BIDDER QUESTIONS AND RESPONSE:

1. **Q:** What are the working hours?
A: Monday through Friday, 7:00am to 5:00pm. Saturday and Sunday with permission
2. **Q:** Where can a dumpster be placed?
A: Dumpster can be placed in parking lot south of building, located by proposed generator.
3. **Q:** Room finish schedule shows 3 Toilet rooms, 102, 107 & 114, all to have tile on all 4 walls, but elevations show only 2 wet walls to be tiled. Please clarify. Also, what about existing toilet rooms 116 & 117? They are not listed on room finish schedule, but there is an elevation showing 2 walls for room 117. Please clarify.
A: Refer to revised room finish schedule for selected walls to have tile up to 4'-0" in Toilet rooms. Interior Elevations 1 and 2 on A412 are referring to Toilet room 114, names have been revised. Toilet rooms 116 and 117 are not included in the scope of the project. The only work in Toilet Rooms 116 & 117 is replacing the floor as required for new sanitary lines, include allowance to match existing flooring.
4. **Q:** To what extent will floor tile need to be repaired in rooms 116 & 117? Is there attic stock tile to make repairs? Just infill where floor is R&R? Replace all floor tile?
A: The floor tile will be repaired and replaced as required for connection for new sanitary lines. It is unknown how much of the flooring will be affected. Include allowance to match existing flooring.
5. **Q:** No elevation for windows that require window tinting. Please provide size, and/or elevation.
A: Refer to Detail 2/A301 Building Section added dimensions to shows extent of windows that will require tinting. Tinting should extend from height of new ceiling (10'-0") to floor on all curtain walls on exterior of building.
6. **Q:** Please provide further information regarding the fire suppression system, the drawing was not included in bid set
A: Refer to M011 for added Fire Protection Specification and added Reference A for existing fire suppression drawings, verify sprinkler heads in field.

7. **Q:** Please provide further information regarding the fire alarm system, the spec section is not included in the bid documents.
A: No specification is required since we are using the existing system. Refer to added Keyed Note 10 on E101.
8. **Q:** Please clarify the floor protection needed for the project.
A: Contractor is responsible for providing protection on all flooring when entering and exiting building.
9. **Q:** Please provide further clarification regarding the natural gas and electrical penetration needed for the generator.
A: Contractor to connect generator to natural gas and electrical as detailed on drawings and as required per manufacturer.
10. **Q:** Per Drawing E101 Note # 9 regarding the UPS system. Please provide the specifications, name brand, and item number from what the client is going to purchase so these will match.
A: The UPS system is unknown at this time, provide allowance.
11. **Q:** Please provide the current fire alarm manufacturer in use.
A: Refer sheet E101, added New Work Key Note 10. Fire Alarm manufacturer is unknown at this time, provide allowance.
12. **Q:** Per page E101, please clarify fire devices for rooms 102/3/4/5, 107 and 111.
A: Refer to sheet E101 for revised fire devices needed.
13. **Q:** Per page A101, please clarify wall types for rooms 103/4/5, 108,109 and 111
A: All walls not labeled are wall type A, refer to partition type legend.
14. **Q:** Per page A101, please further clarify wall type A1
A: Wall type A1 should follow UL listed 2 Hour Rated U301.

B. DOCUMENT REVISIONS:
ARCHITECTURAL

1. SHEET A101: reissued
 - a. Partition moved 2" off existing curtain wall
 - b. Added UL Listing U301 for partition type A1
 - c. Added Gas Supervisor Office Callout 11/A511
 - d. Added Fatigue Room Call out 10/A511
2. SHEET A301: reissued
 - a. Partition moved 2" off existing curtain wall
 - b. Detail 2 added dimensions for window tint
3. SHEET A412: reissued
 - a. Toilet 109 revised to Toilet 107
 - b. Toilet 117 revised to Toilet 114
4. SHEET A511: reissued
 - a. Detail 3 partition moved 2" off existing curtain wall
 - b. Detail 4 partition moved 2" off existing curtain wall
 - c. Detail 10 added
 - d. Detail 11 added
5. SHEET A611: reissued
 - a. Revised Toilet room wall finishes

MECHANICAL

- a. SHEET M011: reissued
 - a. Added Fire Protection Specification

PLUMBING

1. SHEET P102: reissued
 - a. North arrow revised
 - b. Reducing valve spelling error

ELECTRICAL

1. SHEET E101
 - a. Added New Work Keyed Notes 10
 - b. Added Fire devices
2. SHEET E103: reissued
 - a. North arrow revised

SPECIFICATIONS

1. None

REFERANCES

1. REFERENCE A
 - a. As built for Fire Suppression

C. SUBSTITUTIONS:

- a. None requested

D. ATTACHMENTS:

- a. Pre-Bid Sign in Sheet
- b. A101 First Floor Plan
- c. A301 Building Sections
- d. A412 Interior Elevations
- e. A511 Section Details
- f. A611 Floor Finish Plan & Details
- g. M011 Mechanical Specification
- h. P102 North Arrow Revised
- i. E101 First Floor Power Plan
- j. E103 Electrical Site Plan
- k. Exhibit A Existing Fire Suppression A

End of Addenda



ANDERSON, ECKSTEIN & WESTRICK, INC.
 CIVIL ENGINEERS – SURVEYORS – ARCHITECTS

51301 Schoenherr Road, Shelby Township, MI 48315
 586.726.1234 | aewinc.com

SEMCO EOC Build Out Sign-In Sheet

Project Name: SEMCO EOC Build Out

AEW Project No.: 1584-0003

Location: 1411 3rd Street, Suite A, Port Huron, Michigan 48060

Date: December 12, 2024

Time: 3:00pm

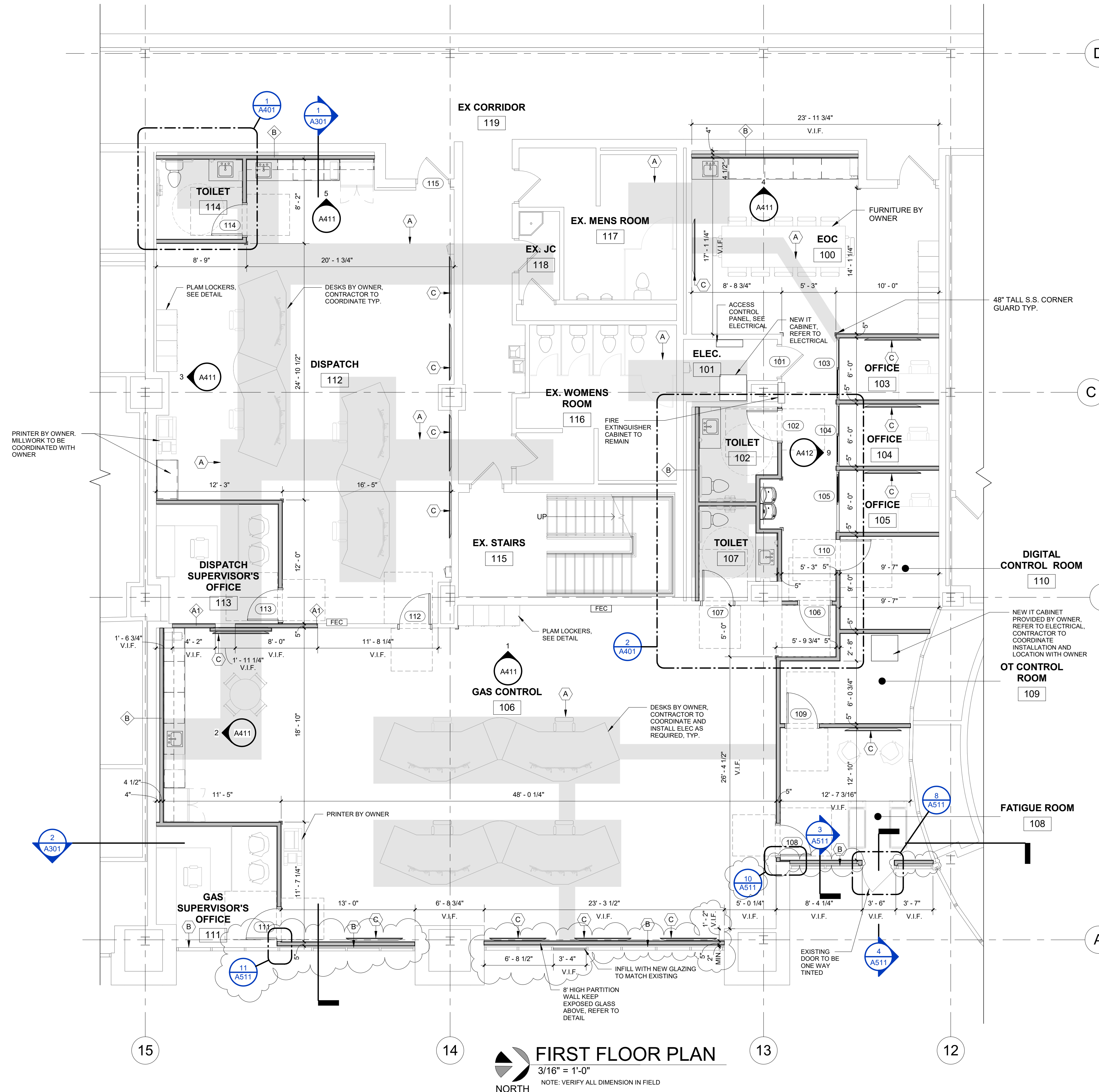
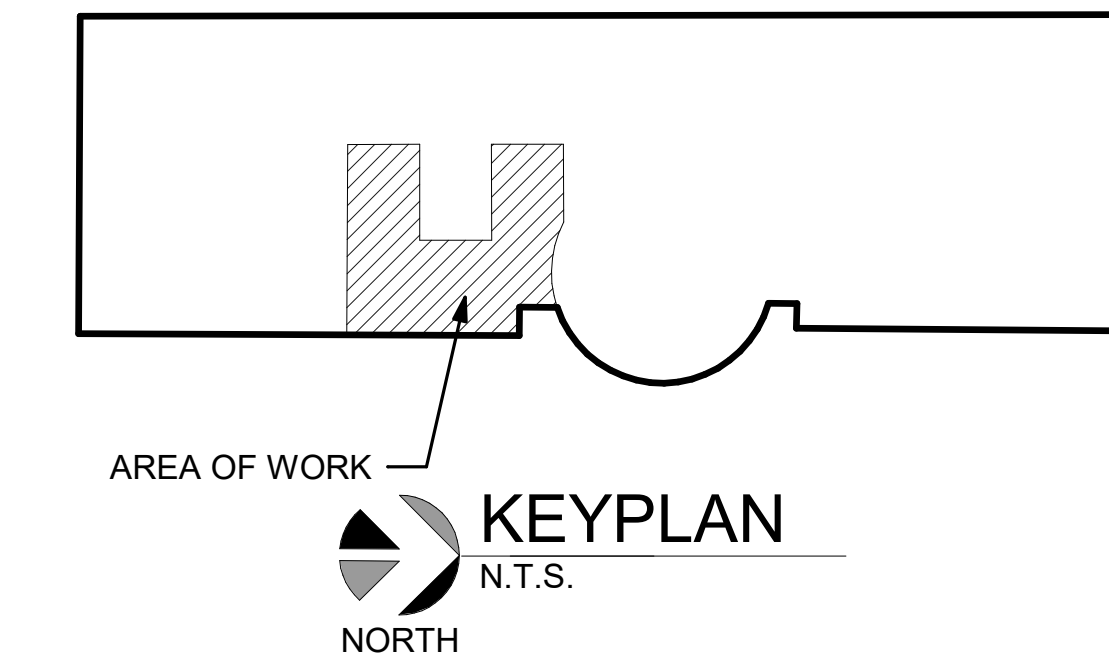
Name	Company	Address	Phone No.	Email
Bob Shetler	SEMCO	20816 Ellmire Rd Sec 3 MI 48068	334078774	Bob.Shetler@SEMCOInt.com
Dave Smith	Stephenson Electric	20325 Galesville Rd Shelby Township, MI 48315	810-980-5777	office@stephenson.com
Buck Martin	MARTIN CON.	3108 STRAWBERRY	810-650-5576	BuckMartin@MCOI.com
Brent Buckhse	Wing Const	8149 Millis Ln CD	586-8547562	brent@wingconst.com



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 www.aewinc.com

ENGINEERING STRONG COMMUNITIES



- PARTITION TYPES :**
- A 3 5/8" 18 GA. METAL STUDS @ 16" O.C. TIGHT TO DECK AND STRUCTURE ABOVE WITH BATT INSULATION AND 5/8" GWB BOTH SIDES PAINTED. (ALL WALLS TO BE TYPE "A" UNO)
 - A1 RATED 1 HOUR 3 5/8" 18 GA. METAL STUDS @ 16" O.C. TIGHT TO DECK AND STRUCTURE ABOVE WITH BATT INSULATION AND (2) 5/8" GWB TYP X BOTH SIDES PAINTED. W/ RATED GLAZED WINDOWS AT 8' - 0" A.F.F. (UL LISTING 2 HR U301)
 - B 3 5/8" 18 GA. METAL STUDS @ 16" O.C. TIGHT TO DECK AND STRUCTURE ABOVE WITH BATT INSULATION AND 5/8" GWB ONE SIDE PAINTED.

- NEW WORK PLAN KEYNOTES :**
- A NEW 6" CONCRETE SLAB ON VAPOR BARRIER OVER 4" COMPACTED FILL. LOCATION TO BE COORDINATED WITH ELECTRICAL AND MECHANICAL
 - B NEW ONE WAY TINTED WINDOW FILM ON EXISTING INTERIOR SIDE OF GLASS
 - C TV BY OWNER, CONTRACTOR TO INSTALL AND COORDINATE WITH OWNER, PROVIDE WOOD BLOCKING AS REQUIRED

12/20/2024	ADDENDUM 1
12/06/2024	BID ISSUE
11/11/2024	75% OWNER REVIEW
08/05/2024	DD OWNER REVIEW
DATE	SUBMITTALS/REVISIONS

SEMCO EMERGENCY OPERATIONS CENTER

FIRST FLOOR PLAN

CLIENT: SEMCO ENERGY GAS COMPANY

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRELIMINARY	CONSTRUCTION	RECORD
DRAWN BY: NMA	CHECKED BY: JRA	DATE: OCTOBER 2024
SCALE: AS NOTED		



UTILITY INFORMATION, AS SHOWN, INDICATES APPROXIMATE LOCATIONS AND TYPES OF EXISTING FACILITIES ONLY. AS DISCLOSED BY RECORDS PROVIDED TO THIS FIRM FROM THE VARIOUS UTILITY COMPANIES. NO GUARANTEE IS GIVEN OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF.

PRIOR TO CONSTRUCTION, ALL LOCATIONS AND DEPTHS OF EXISTING OVERHEAD AND UNDERGROUND UTILITIES IN CONFLICT WITH THE CONSTRUCTION OF THESE PROPOSED IMPROVEMENTS SHALL BE VERIFIED IN THE FIELD. DURING THE CONSTRUCTION, THE CONTRACTOR SHALL PROTECT AND SUPPORT ALL UTILITIES THAT ARE ENCOUNTERED. (ALL COSTS FOR UTILITY LOCATION, VERIFICATION, SUPPORT AND PROTECTION SHALL BE INCLUDED IN THE PROPOSED PAY ITEM CONFLICTING WITH THAT UTILITY).

DURING CONSTRUCTION, THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN OPERATING NEAR ANY AND ALL OVERHEAD AND / OR BURIED UTILITIES.

PROJECT NO. 1584-0003

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SHEET NO.

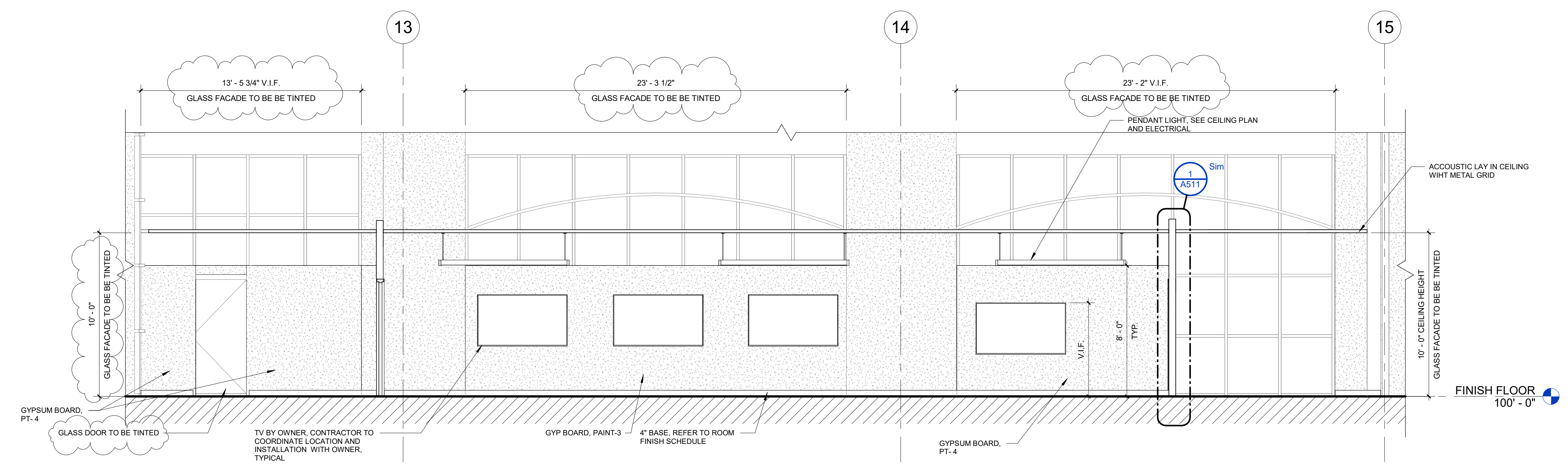
A101



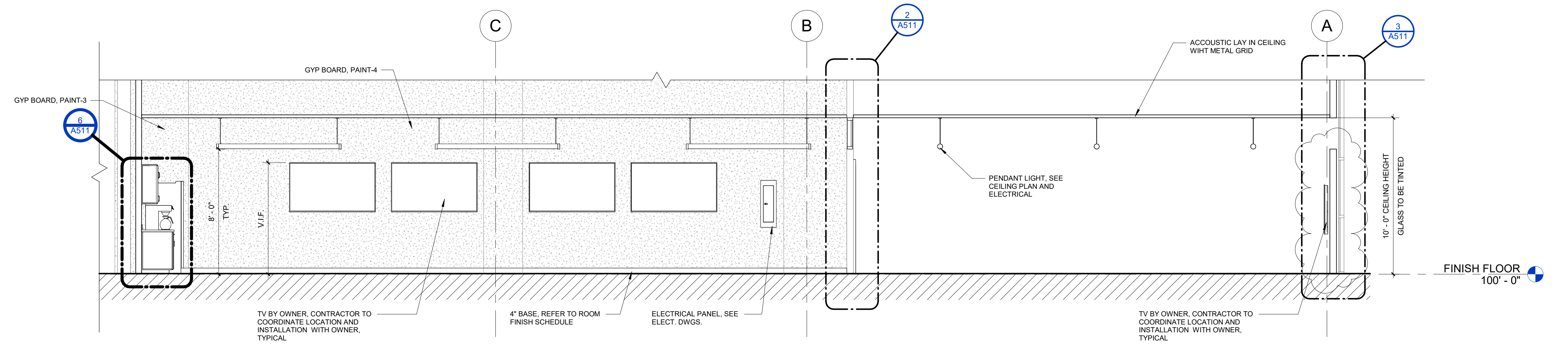
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ENGINEERING STRONG COMMUNITIES



2 BUILDING SECTION
 A301 1/4" = 1'-0"



1 BUILDING SECTION
 A301 1/4" = 1'-0"

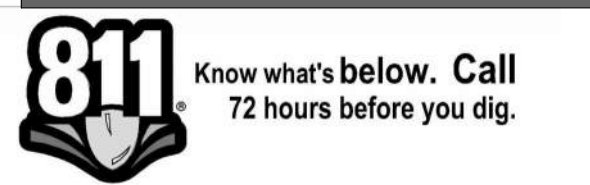
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12/09/2024	BID ISSUE
11/11/2024	75% OWNER REVIEW
08/05/2024	DD OWNER REVIEW
DATE	SUBMITTALS/REVISIONS

PROJECT NAME:
**SEMCO
 EMERGENCY
 OPERATIONS
 CENTER**

SHEET TITLE:
**BUILDING
 SECTIONS**

CLIENT:
SEMCO ENERGY GAS COMPANY

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DRAWN BY: NMA	CHECKED BY: JRA	DATE: 11/22/2024
SCALE: AS NOTED		



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PROJECT NO. 1584-0003

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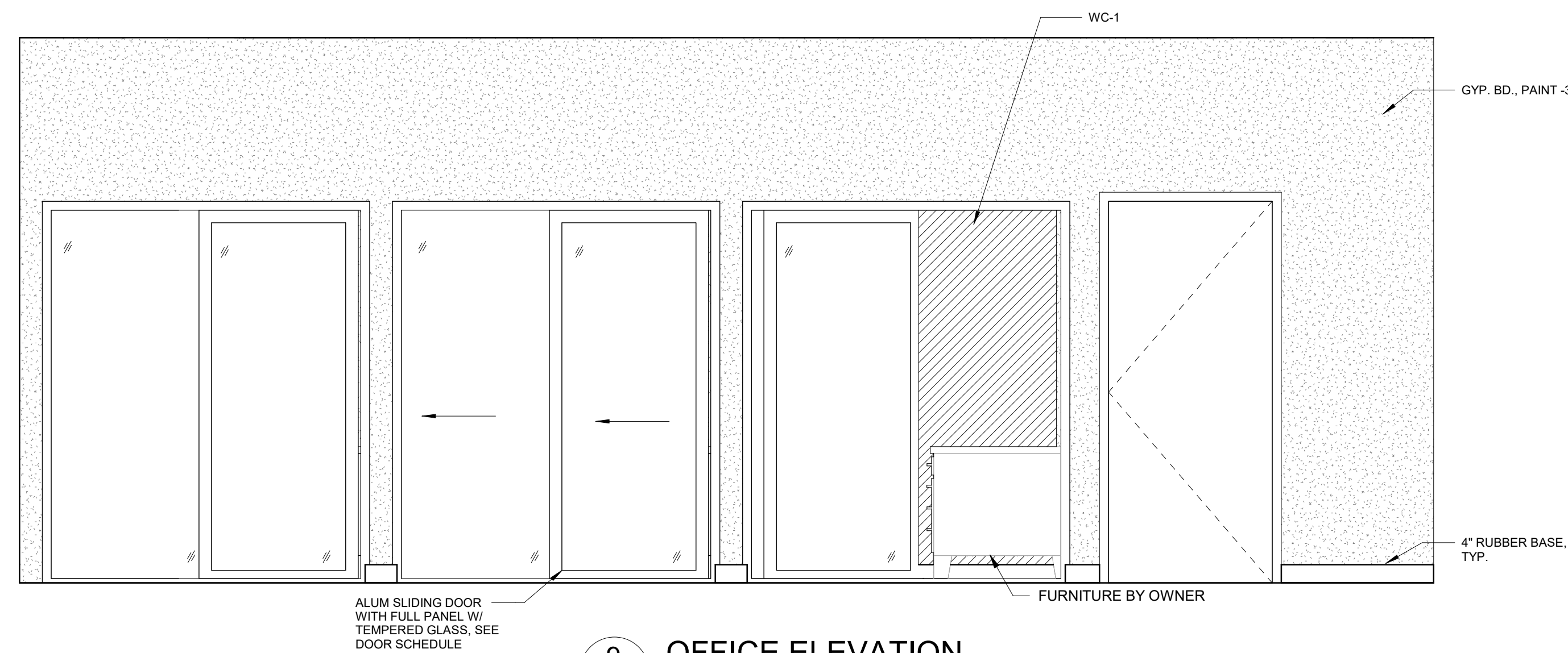
A301



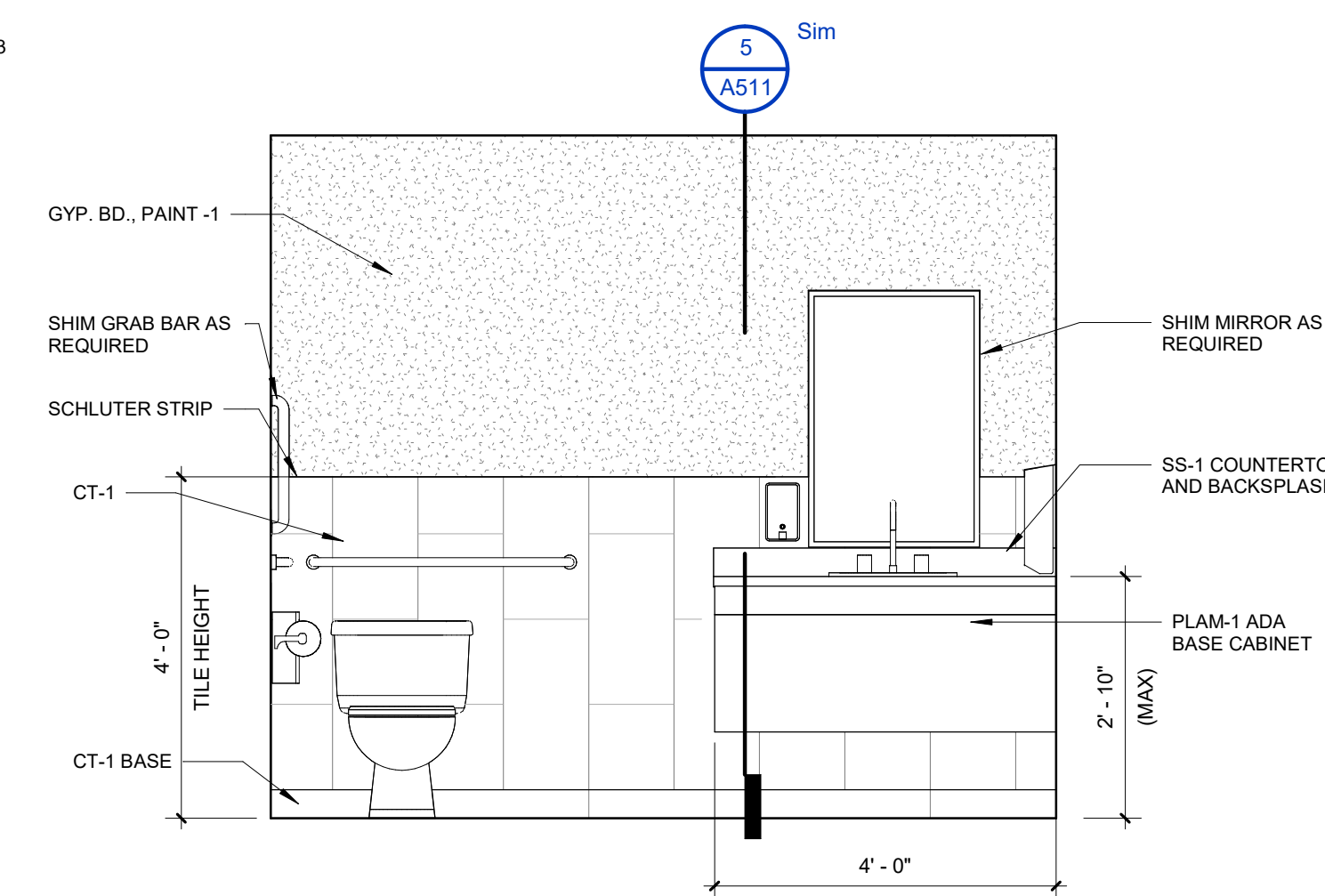
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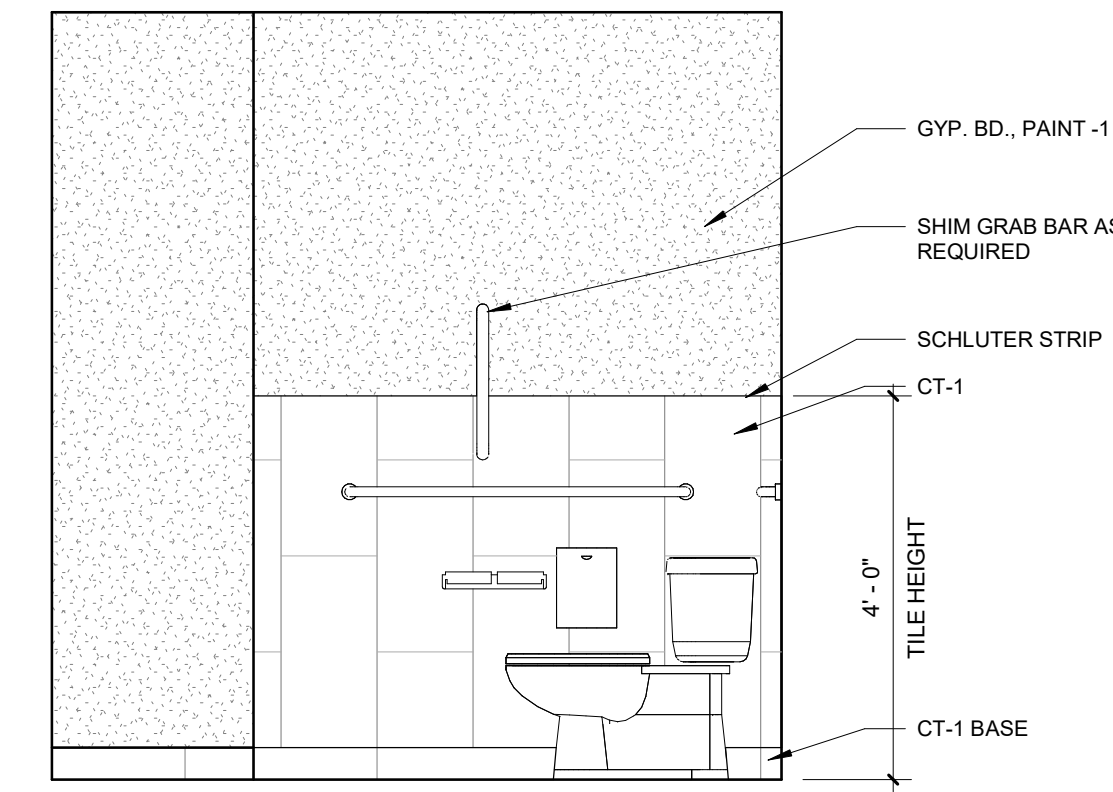
ENGINEERING STRONG COMMUNITIES



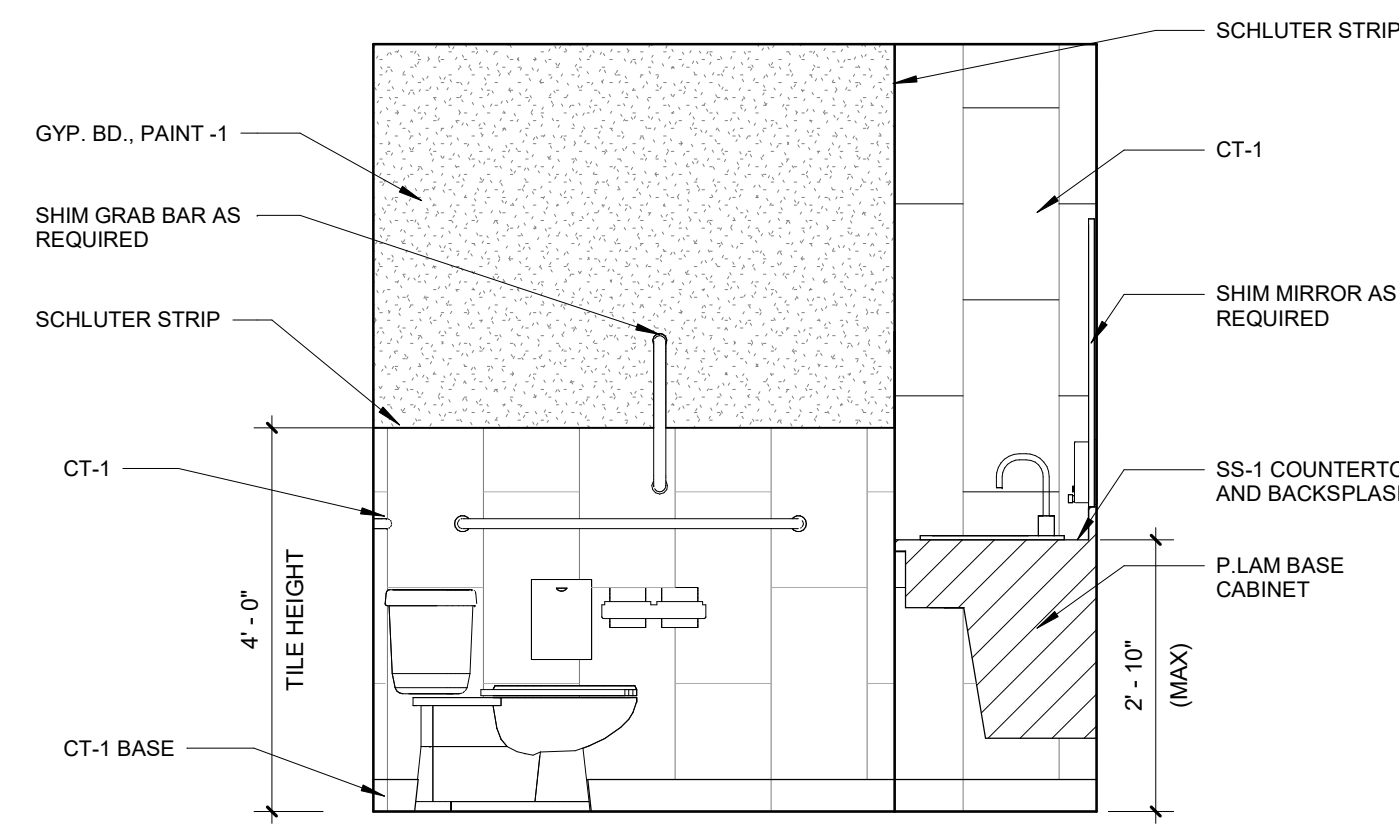
9 OFFICE ELEVATION
A412 1/2" = 1'-0"



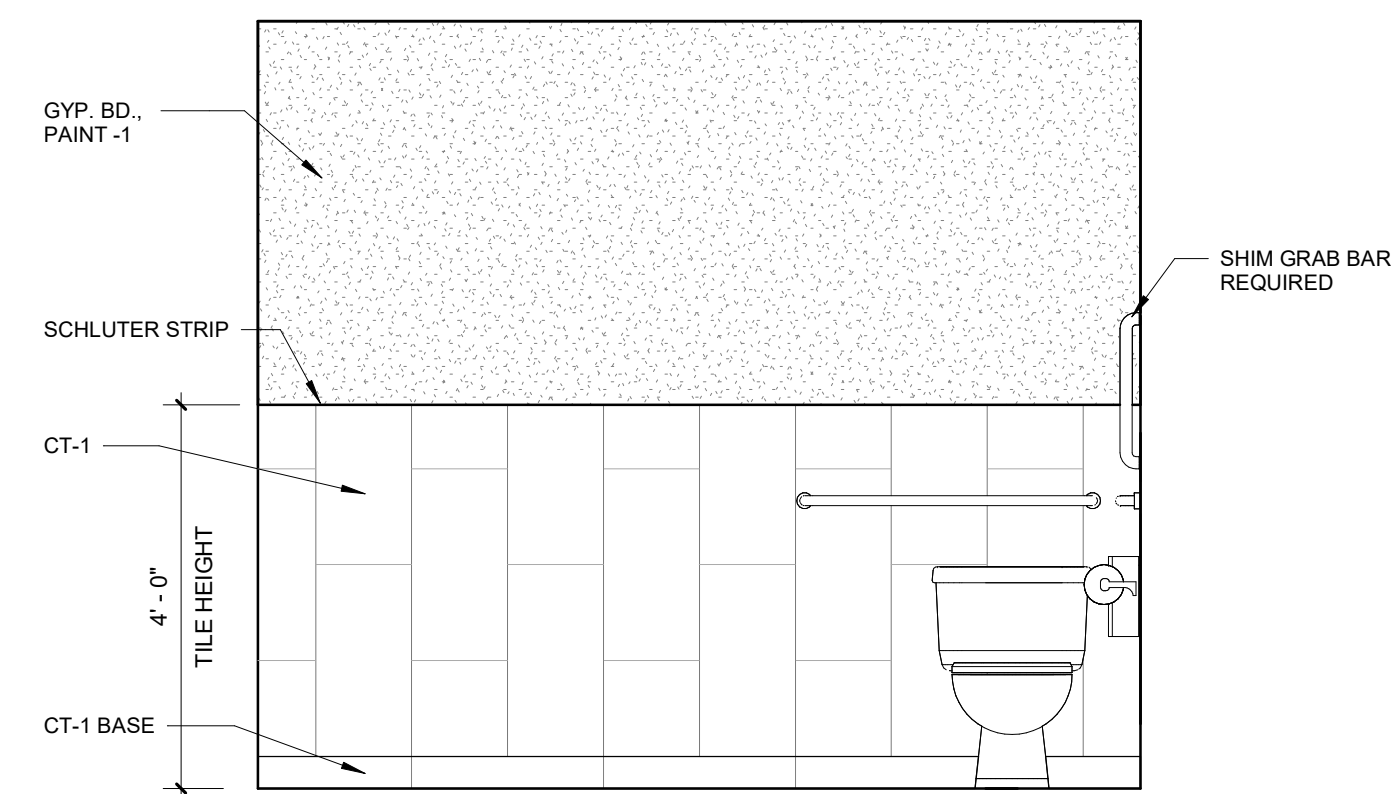
8 TOILET 102 ELEVATION
A412 1/2" = 1'-0"



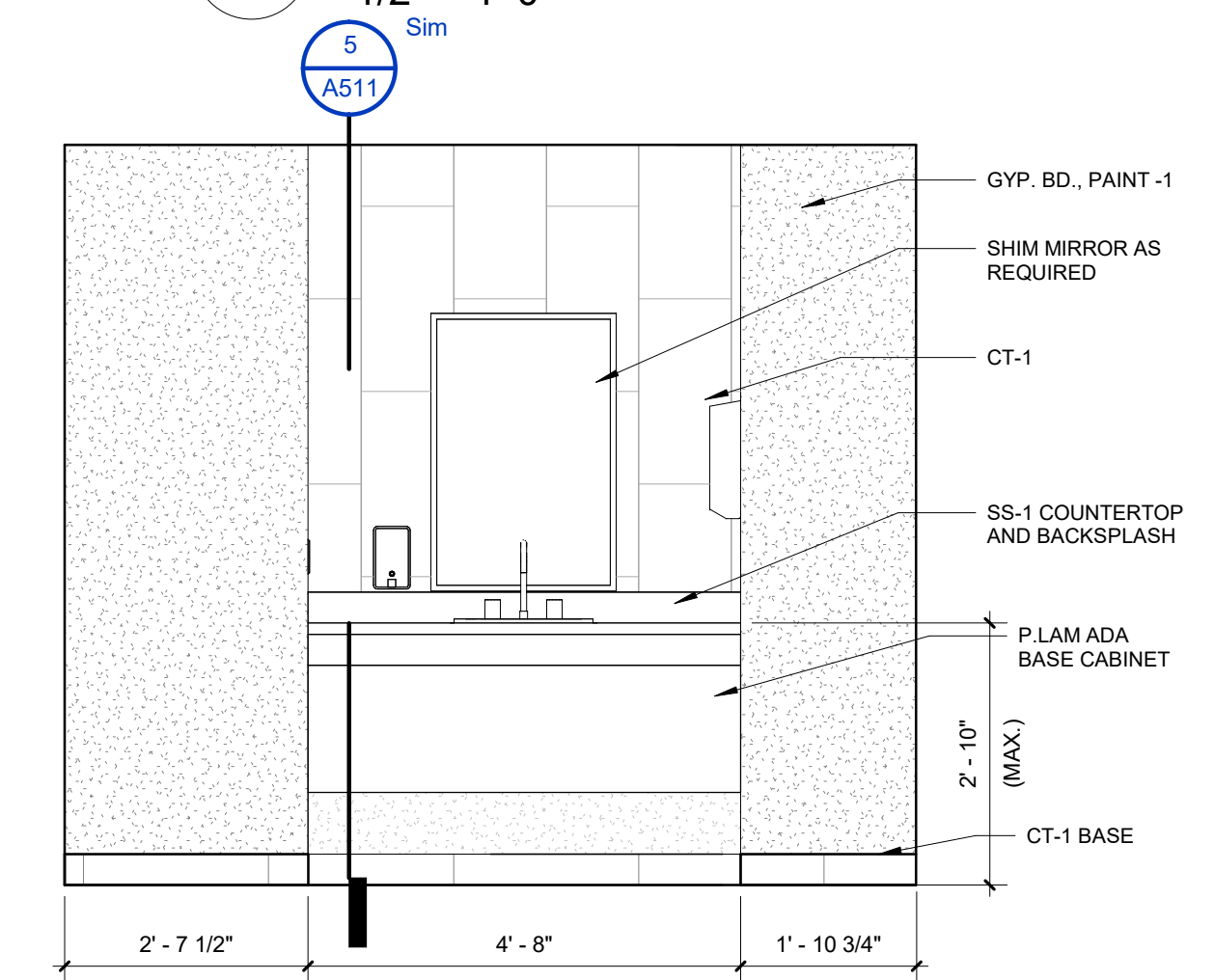
7 TOILET 102 ELEVATION
A412 1/2" = 1'-0"



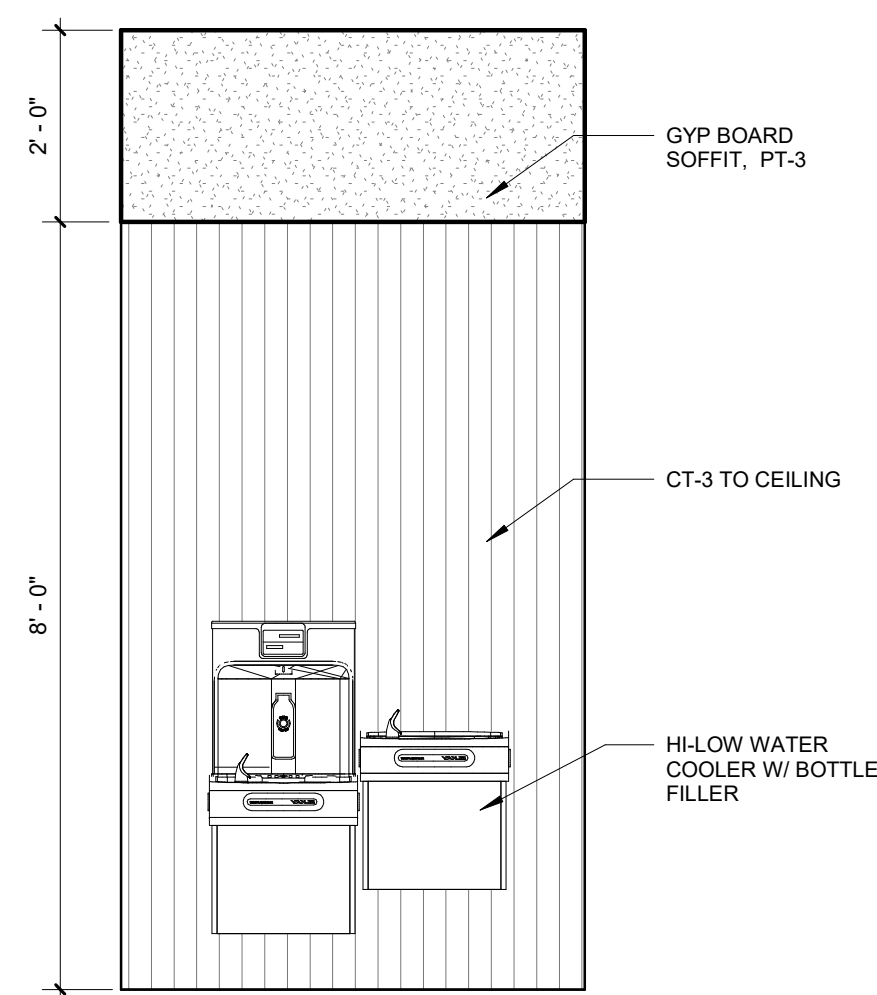
6 TOILET 107 ELEVATION
A412 1/2" = 1'-0"



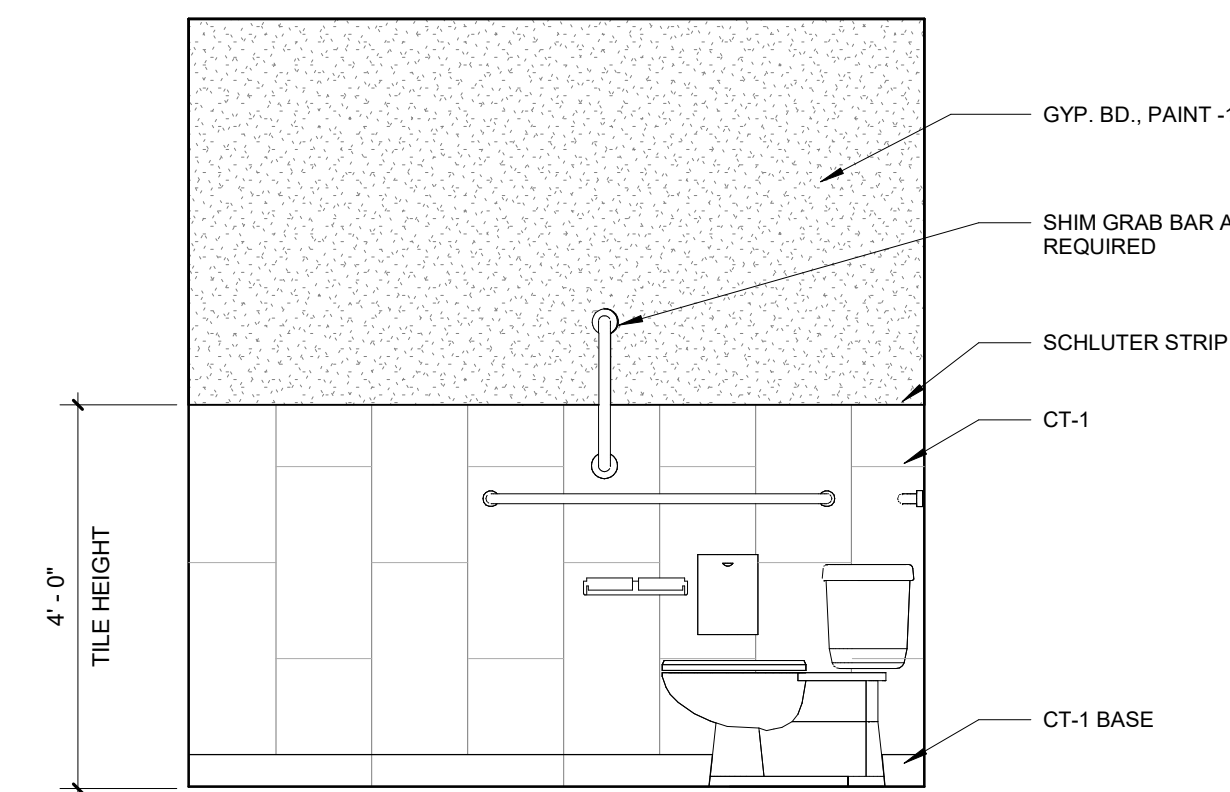
5 TOILET 107 ELEVATION
A412 1/2" = 1'-0"



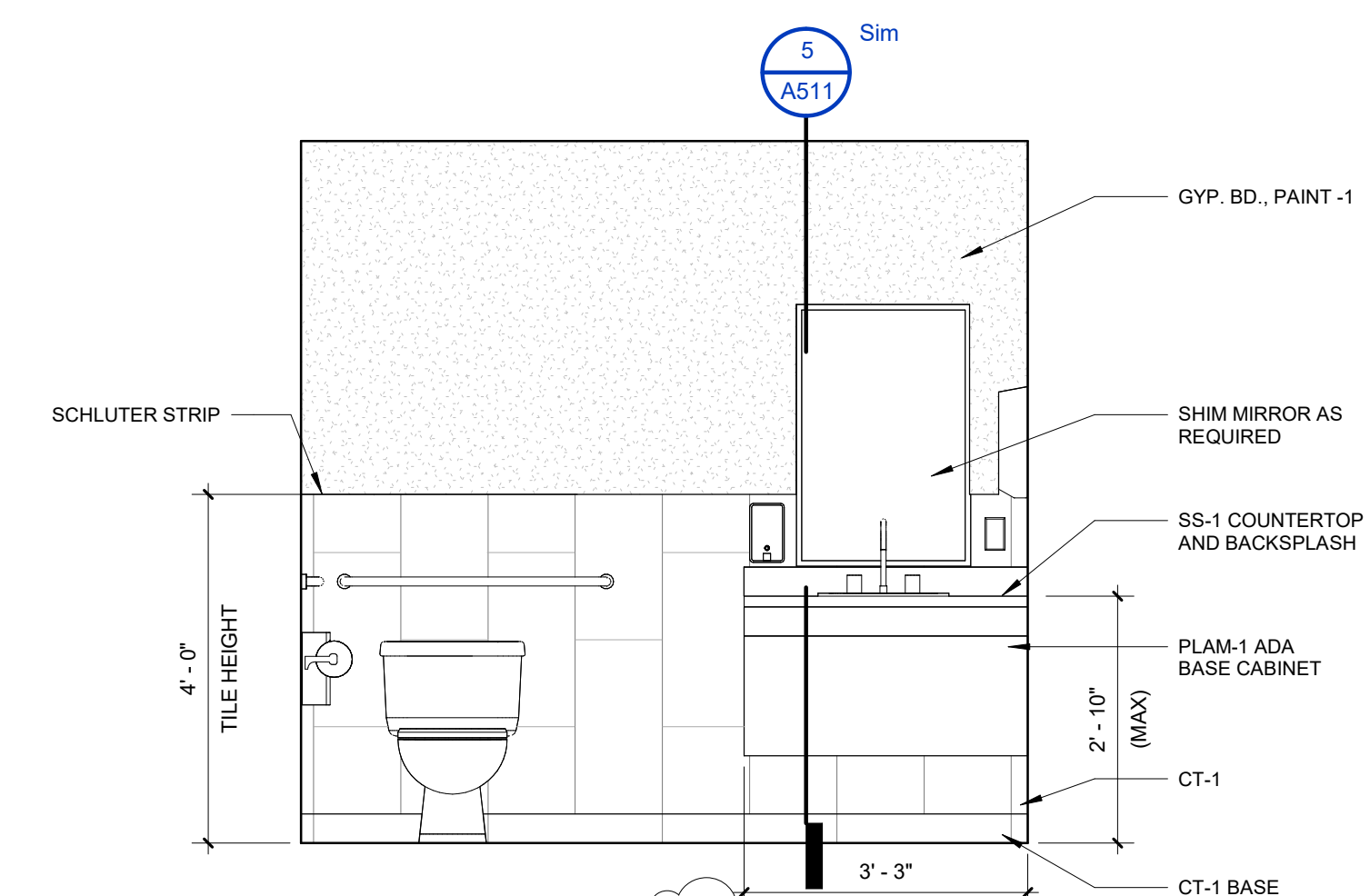
4 TOILET 107 ELEVATION
A412 1/2" = 1'-0"



3 DRINKING FOUNTAIN ELEVATION
A412 1/2" = 1'-0"



2 TOILET 114 ELEVATION
A412 1/2" = 1'-0"



1 TOILET 114 ELEVATION
A412 1/2" = 1'-0"

12/20/2024	ADDENDUM 1
12/09/2024	BID ISSUE
11/11/2024	75% OWNER REVIEW
08/05/2024	DD OWNER REVIEW
DATE	SUBMITTALS/REVISIONS

PROJECT NAME:

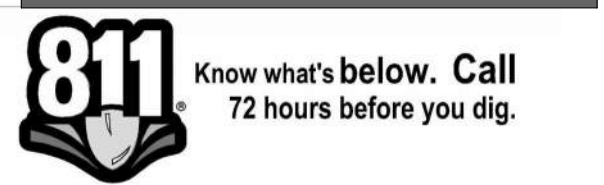
**SEMCO
EMERGENCY
OPERATIONS
CENTER**

SHEET TITLE:

**INTERIOR
ELEVATIONS**

CLIENT:
SEMCO ENERGY GAS COMPANY

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DRAWN BY: NMA	CHECKED BY: JRA	DATE: 11/22/2024
SCALE: AS NOTED		



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PROJECT NO. 1584-0003

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SHEET NO.

A412



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11/11/2024	75% OWNER REVIEW
08/05/2024	DD OWNER REVIEW
DATE	SUBMITTALS/REVISIONS

PROJECT NAME:

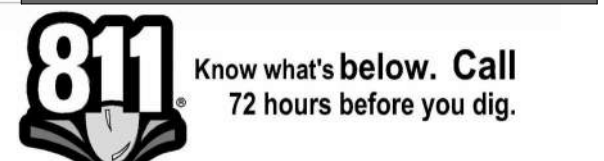
**SEMCO
EMERGENCY
OPERATIONS
CENTER**

SHEET TITLE:

SECTION DETAILS

CLIENT:
SEMCO ENERGY GAS COMPANY

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DRAWN BY:	CHECKED BY:	DATE:
Author	Checker	11/22/2024
SCALE: AS NOTED		



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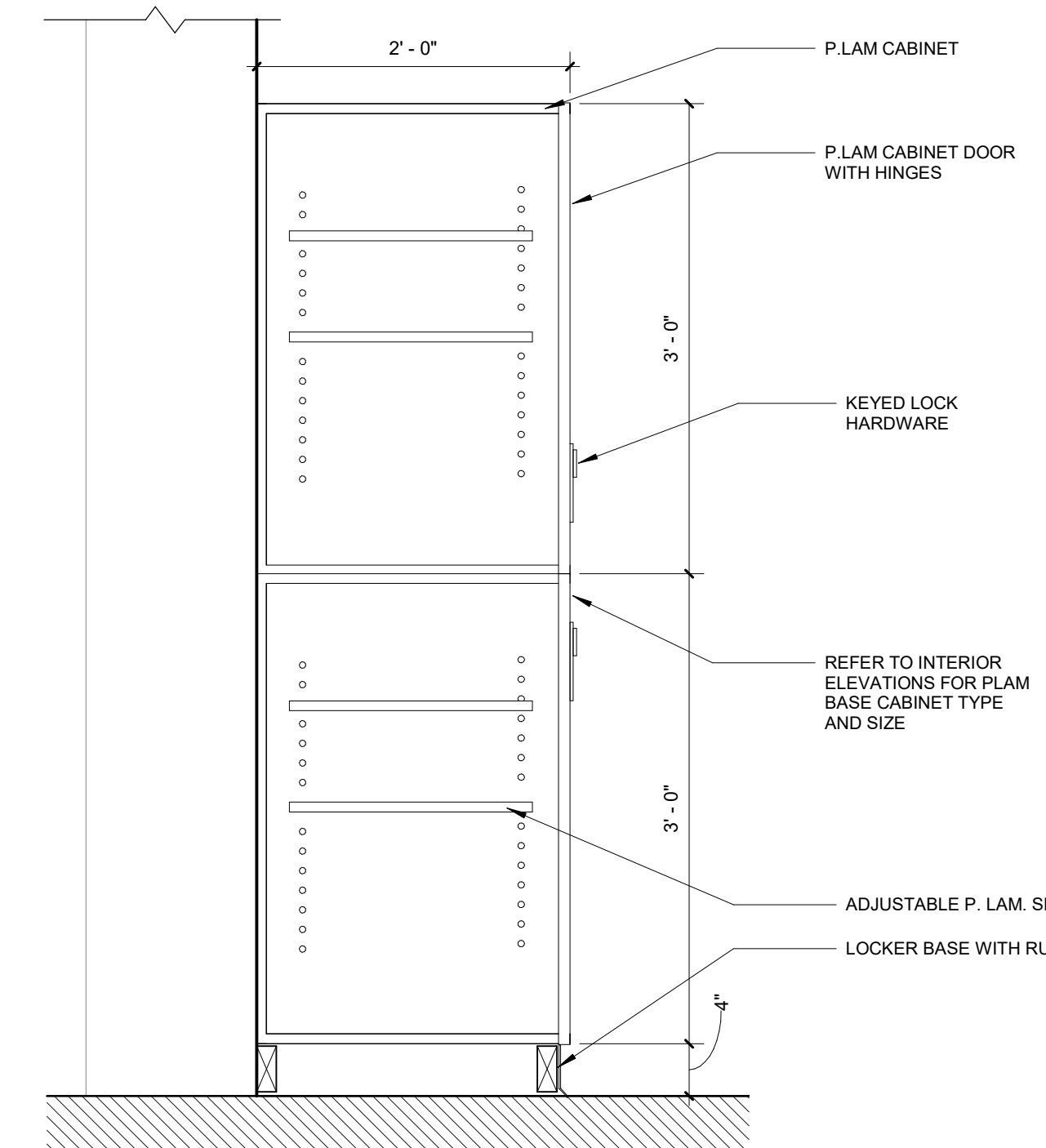
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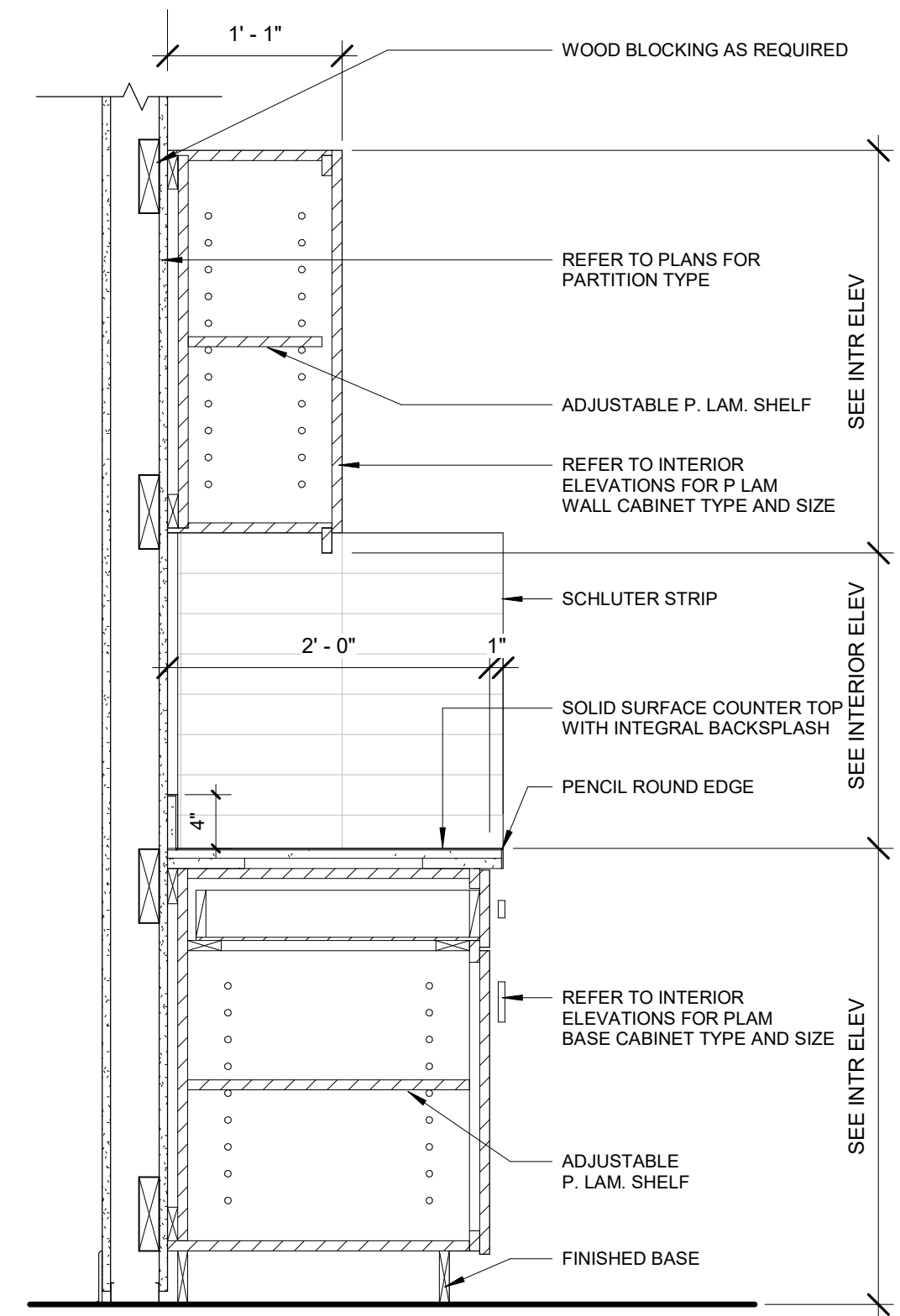
SHEET NO.

A511

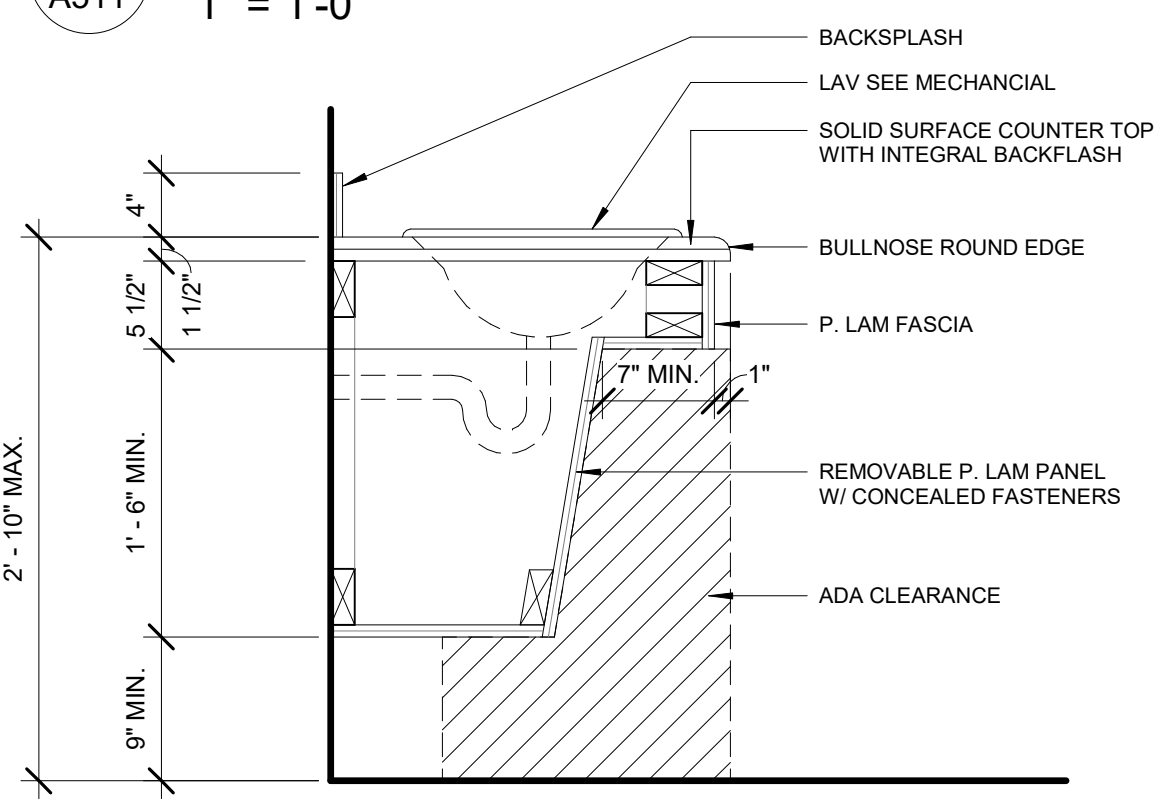
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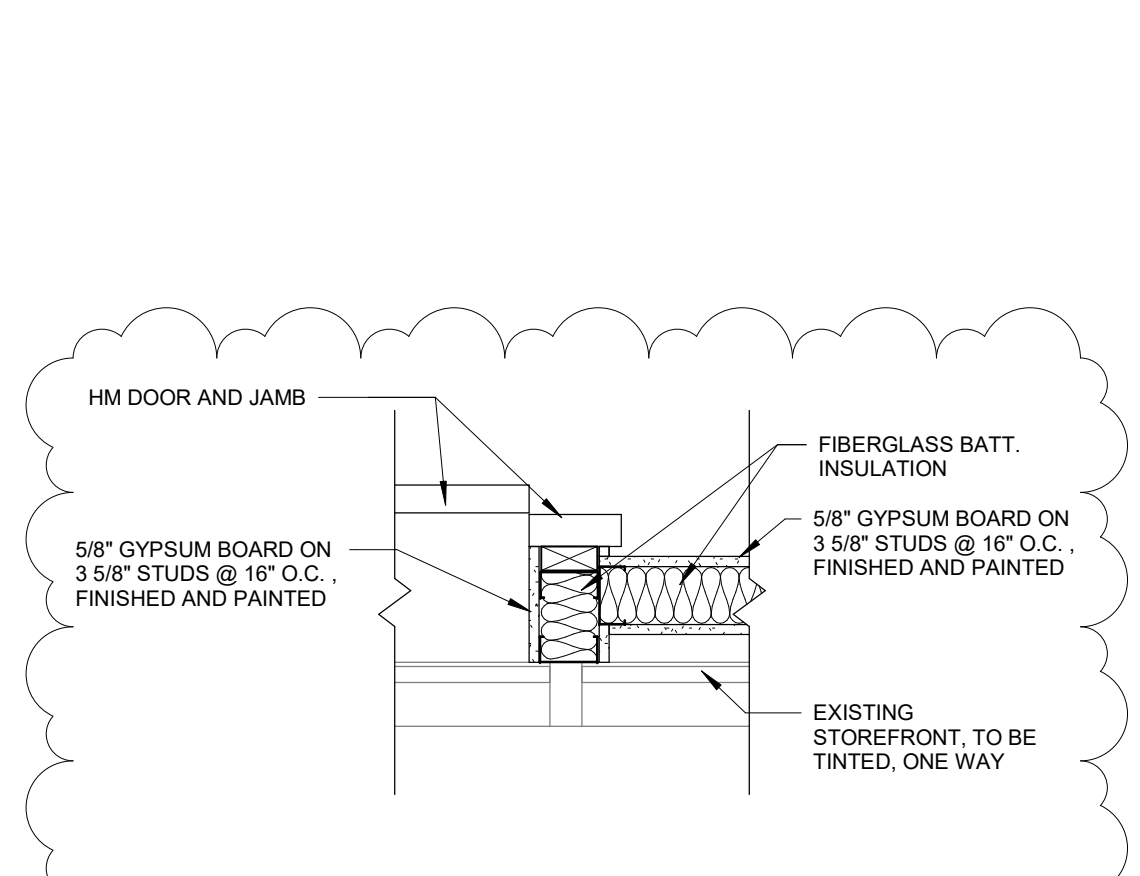
9 LOCKER SECTION DETAIL
A511 1" = 1'-0"



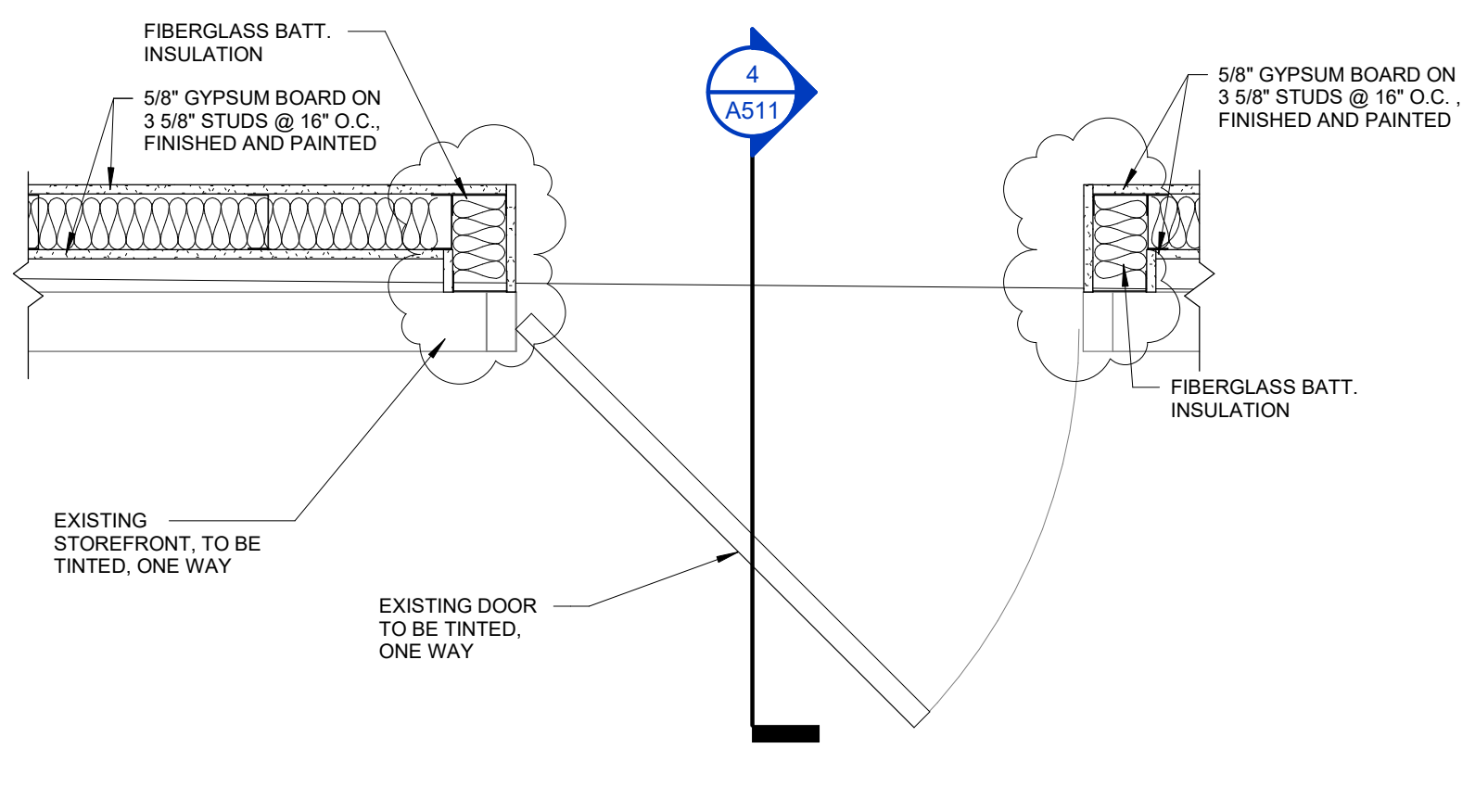
6 TYP. CABINET SECTION DETAIL
A511 1" = 1'-0"



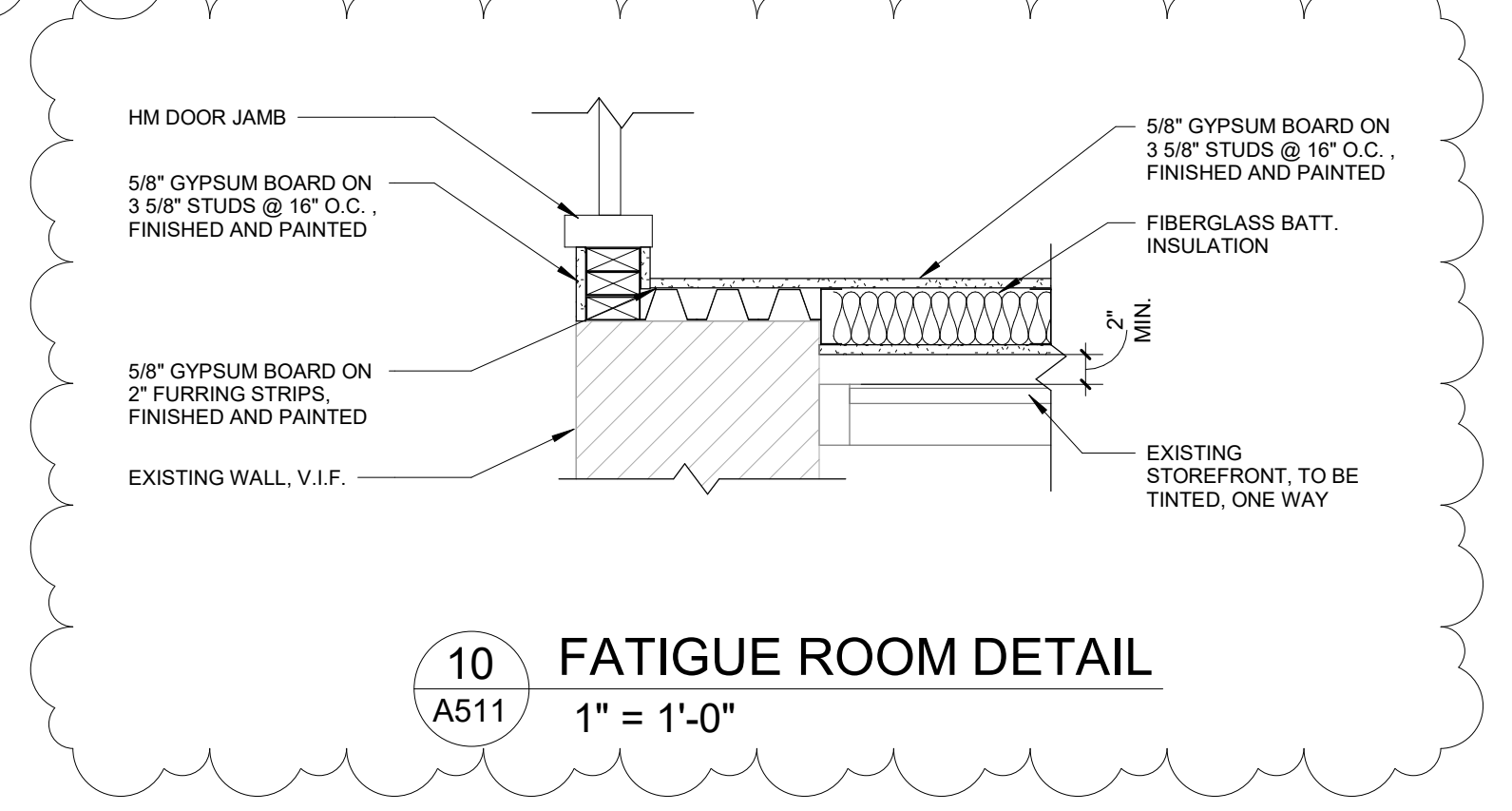
5 TYP. LAVATORY SECTION DETAIL
A511 1" = 1'-0"



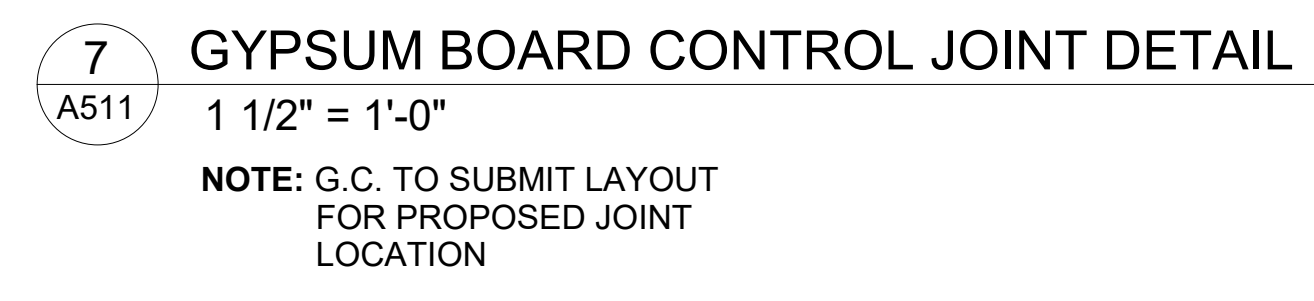
11 GAS SUPERVISOR OFFICE DETAIL
A511 1" = 1'-0"



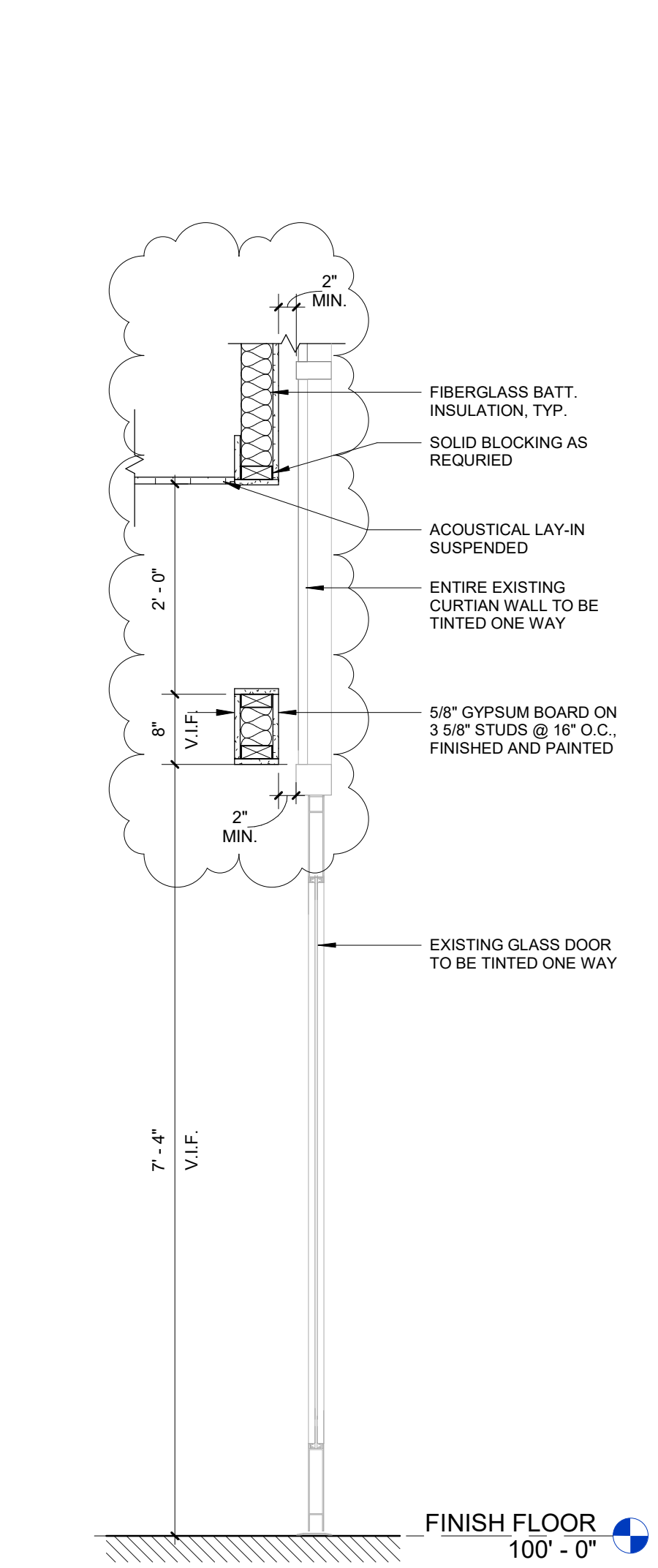
8 EXISTING STOREFRONT DOOR DETAIL
A511 1" = 1'-0"



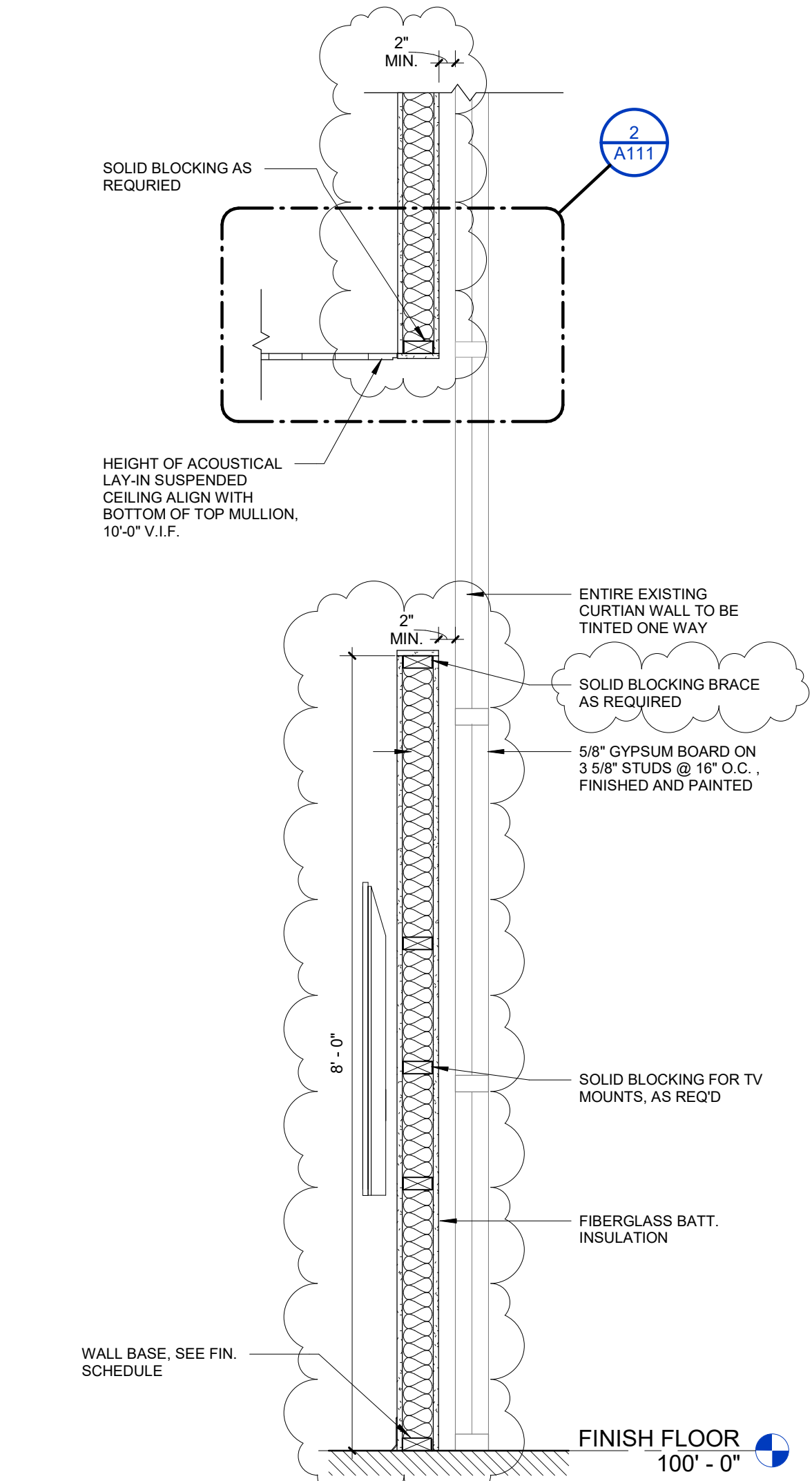
10 FATIGUE ROOM DETAIL
A511 1" = 1'-0"



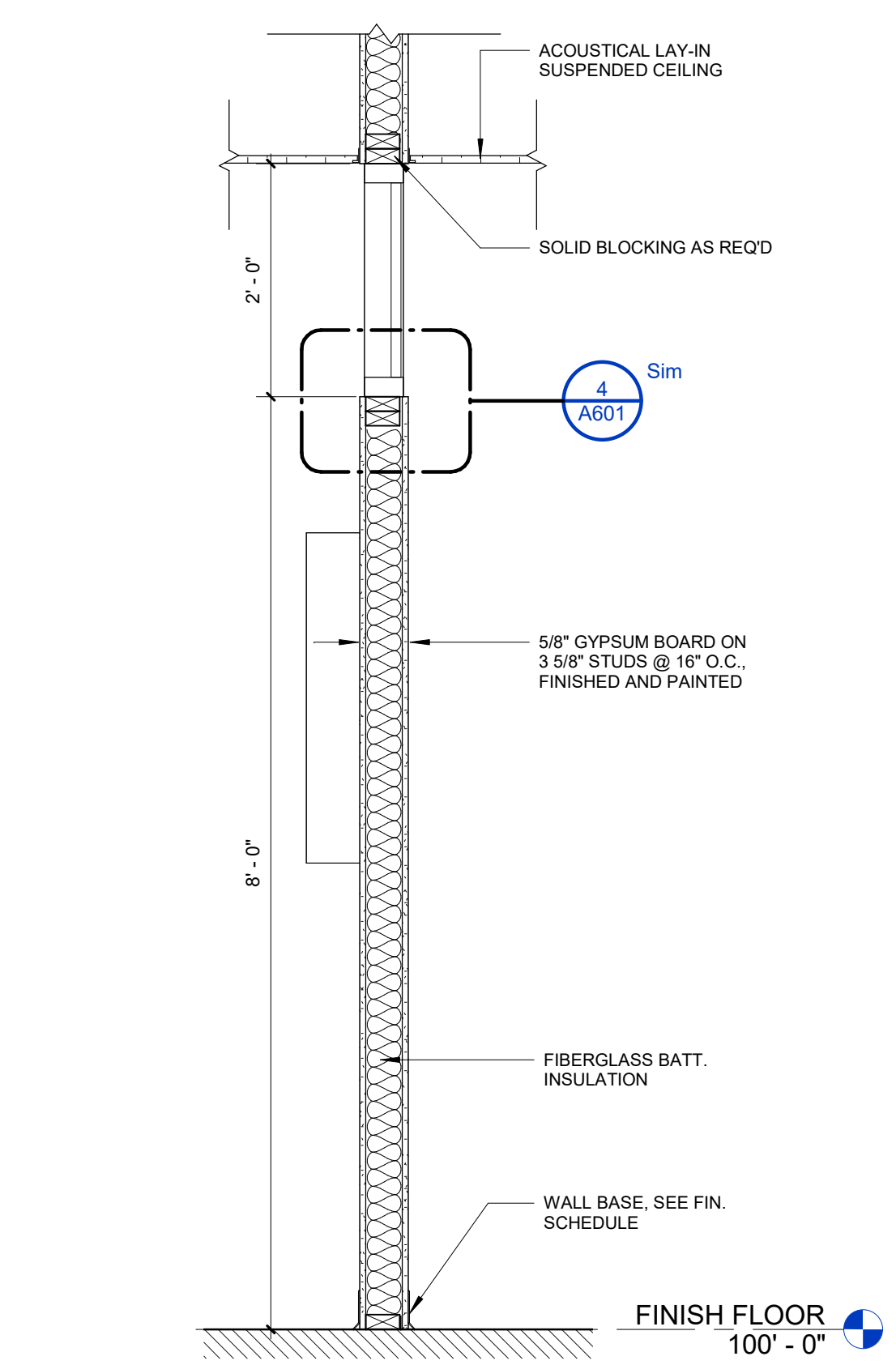
7 GYPSUM BOARD CONTROL JOINT DETAIL
A511 1 1/2" = 1'-0"
NOTE: G.C. TO SUBMIT LAYOUT FOR PROPOSED JOINT LOCATION



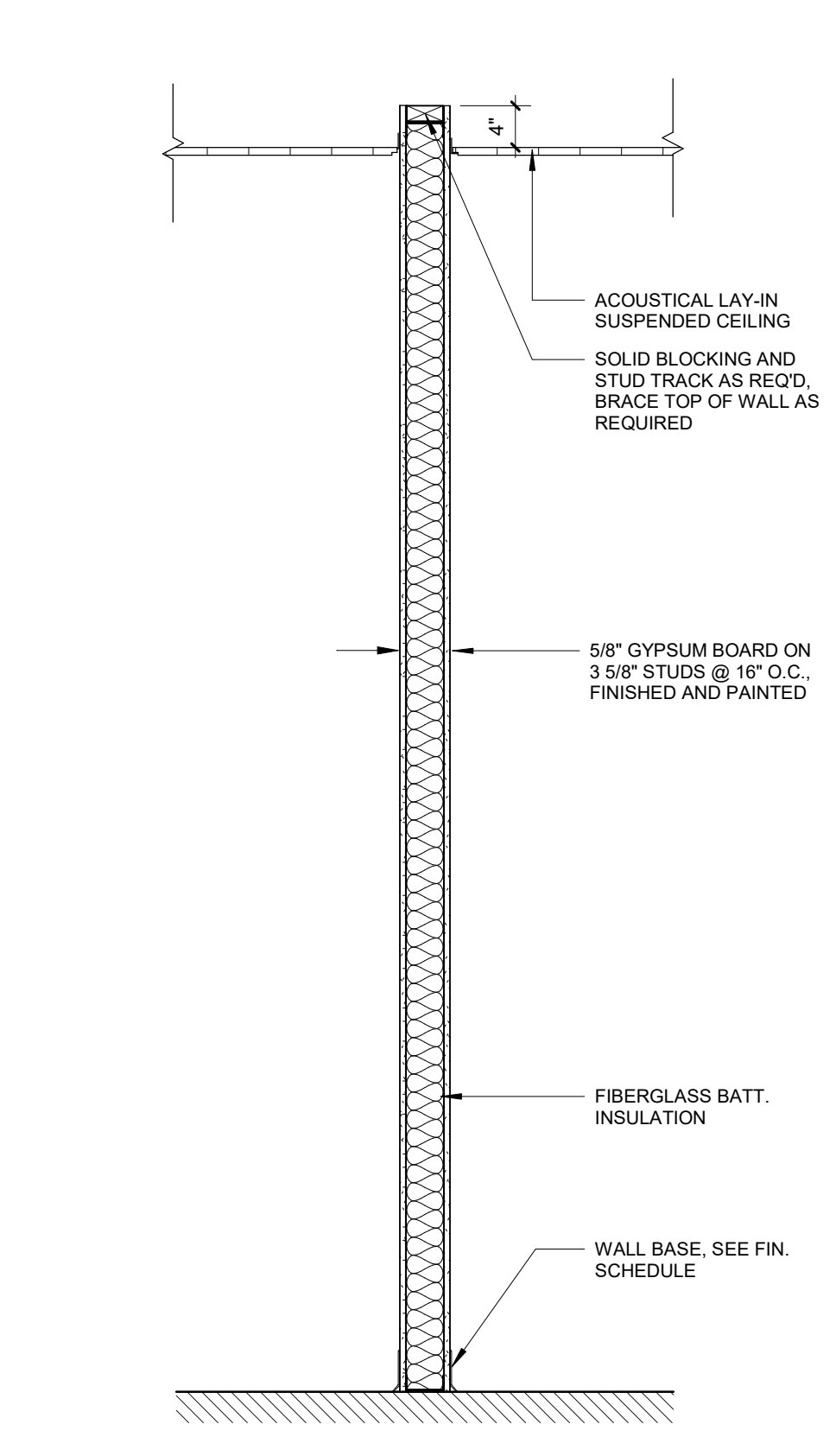
4 INTERIOR PARTITION @ EX. CURTAIN WALL DOOR
A511 3/4" = 1'-0"



3 INTERIOR PARTITION @ EX. CURTAIN WALL
A511 3/4" = 1'-0"



2 INTERIOR PARTITION W/ GLAZING
A511 3/4" = 1'-0"



1 TYP. INTERIOR PARTITION
A511 3/4" = 1'-0"



ANDERSON, ECKSTEIN AND WESTRICK, INC.

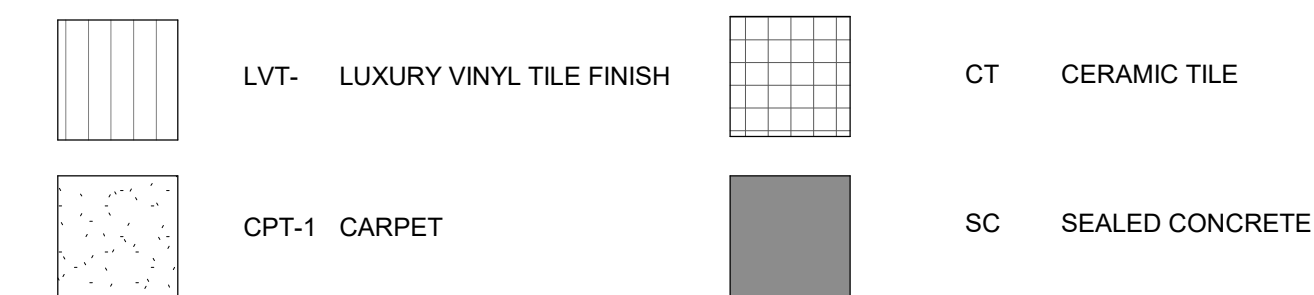
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www.aewinc.com

ENGINEERING STRONG COMMUNITIES

ROOM FINISH SCHEDULE

RM. NUMBER	LOCATION	FLOOR FIN.	BASE FIN.	WALLS								CEILING FIN.	CEILING HEIGHT	ROOM SIGN	COMMENTS
				N. MATERIAL	N. FINISH	E. MATERIAL	E. FINISH	S. MATERIAL	S. FINISH	W. MATERIAL	W. FINISH				
100	EOC	CPT-1/LVT-1	RB	GYP	PT-3	GYP	PT-3	GYP	PT-4	GYP	PT-3/CT-2	ACT	10'-0"	Y	
101	ELEC.	SC	RB	GYP	PT-2	GYP	PT-2	GYP	PT-2	GYP	PT-2	ACT	10'-0"	Y	
102	TOILET	CT-1	CT	GYP	PT-1	GYP	CT-1/PT-1	GYP	CT-1/PT-1	GYP	PT-2	ACT	8'-0"	Y	
103	OFFICE	CPT-1	RB	GYP	WC-1	GYP	PT-3	GYP	PT-3	GYP	PT-3	ACT	10'-0"	Y	
104	OFFICE	CPT-1	RB	GYP	WC-1	GYP	PT-3	GYP	PT-3	GYP	PT-3	ACT	10'-0"	Y	
105	OFFICE	CPT-1	RB	GYP	WC-1	GYP	PT-3	GYP	PT-3	GYP	PT-3	ACT	10'-0"	Y	
106	GAS CONTROL	CPT-1/LVT-1	RB	GYP	PT-3	GYP	PT-4	GYP	PT-3	GYP	PT-3/WC-1	ACT	10'-0"	Y	
107	TOILET	CT-1	CT	GYP	CT-1/PT-1	GYP	PT-1	GYP	CT-1/PT-1	GYP	CT-1/PT-1	ACT	8'-0"	Y	
108	FATIGUE ROOM	CPT-1	RB	GYP	PT-3	GYP	PT-3	GYP	PT-3	GYP	PT-3	ACT	10'-0"	Y	
109	OT CONTROL ROOM	SC	RB	GYP	PT-2	GYP	PT-2	GYP	PT-2	GYP	PT-2	ACT	10'-0"	Y	
110	DIGITAL CONTROL ROOM	SC	RB	GYP	PT-2	GYP	PT-2	GYP	PT-2	GYP	PT-2	ACT	10'-0"	N	
111	GAS SUPERVISOR'S OFFICE	CPT-1	RB	GYP	PT-2	GYP	PT-2	GYP	PT-3	GYP	PT-1	ACT	10'-0"	Y	
112	DISPATCH	CPT-1/LVT-1	RB	GYP	PT-4	GYP	PT-3	GYP	PT-3	GYP	PT-3	ACT	10'-0"	Y	
113	DISPATCH SUPERVISOR'S OFFICE	CPT-1	RB	GYP	PT-2	GYP	PT-2	GYP	PT-3	GYP	PT-2	ACT	10'-0"	Y	
114	TOILET	CT-1	CT	GYP	PT-1	GYP	CT-1/PT-1	GYP	CT-1/PT-1	GYP	CT-1/PT-1	ACT	8'-0"	Y	

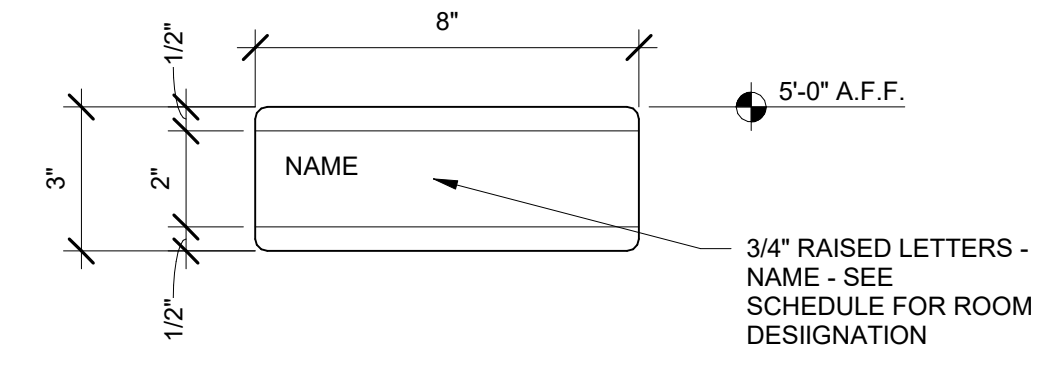
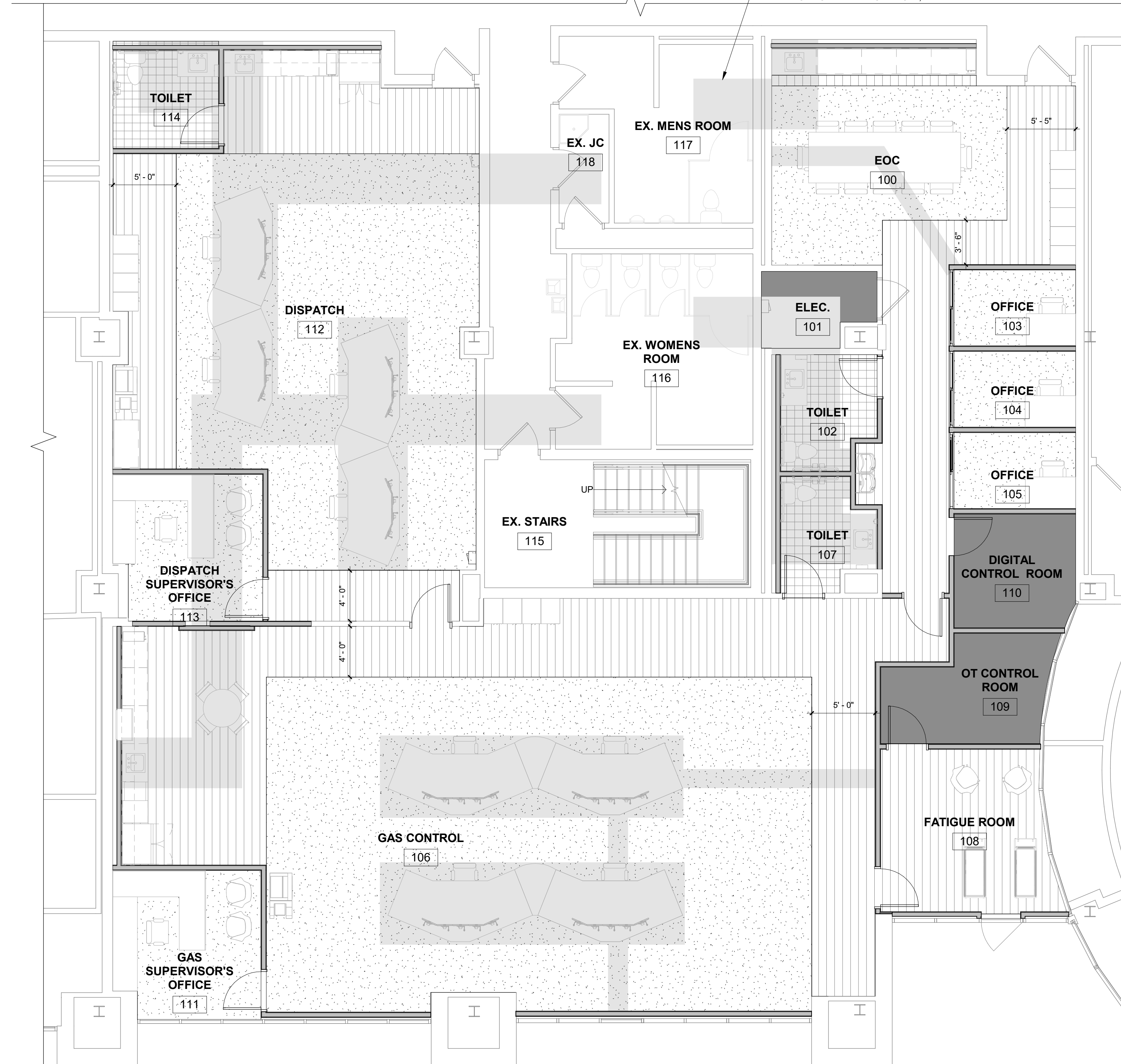
FLOOR FINISH LEGEND :



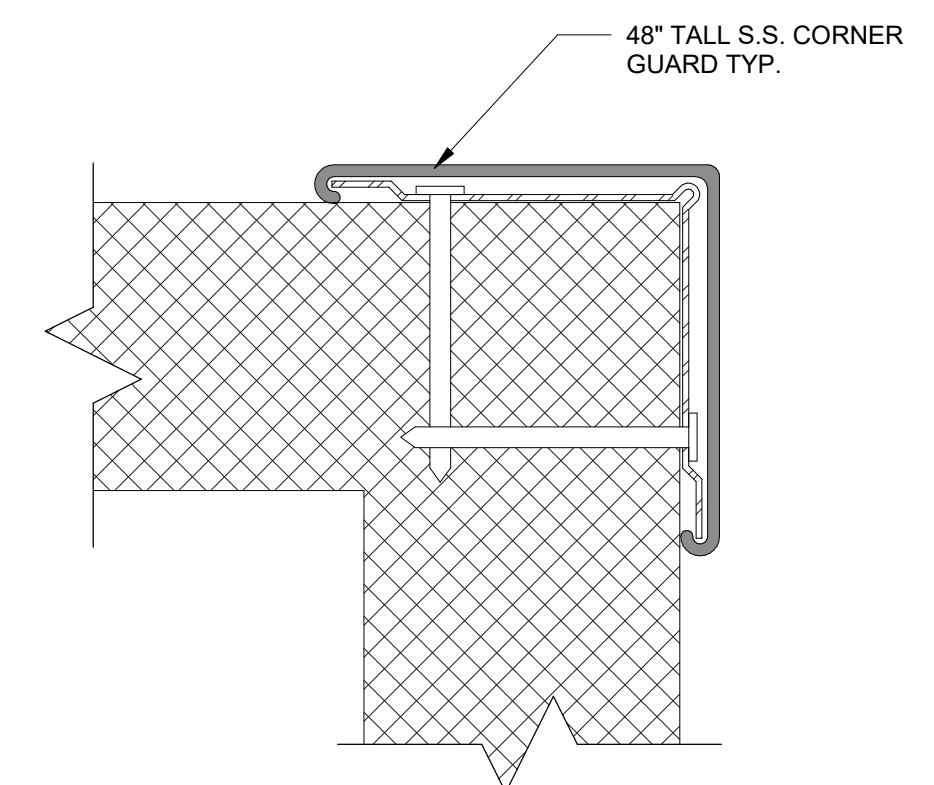
ROOM FINISH ABBREVIATIONS :

- CPT - 1 18"x36" MANNINGTON COMMERCIAL COLORCAST SWELL COLOR UNCHARTED
- LVT - 1 SHAW CONTRACT CODED 4143V COLOR CONVEY
- CT-1 12"x24" BEAVER TILE SEQUENCE PORCELAIN COLOR CURRENT
- CT-2 3"x12" BEAVER TILE EMOTIVE COLOR PRIDE BLUE GLOSSY
- CT-3 24"x48" BEAVER TILE CANNE 3D COLOR ECRU (VERTICAL)
- FLAM-1 WILSONART PREMIUM LAMINATE COLOR LANDMARK WOOD
- SC SEALED CONCRETE
- SS-1 CORIAN SOLID SURFACE IN STONIQUE
- SS-2 CORIAN SOLID SURFACE IN CARRARA LINO
- RB TARKETT GREY WG 48 VINYL RUBBER BASE
- PT - 1 GYPSUM BOARD PAINT FINISH
- WC-1 KOROSEAL REIGN ON THE PIER, STORM SG26-08

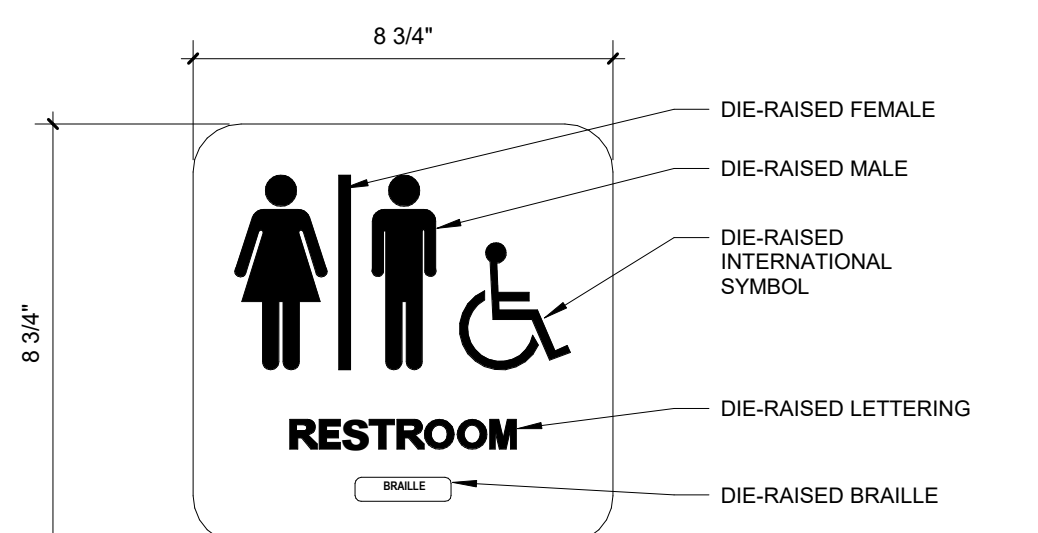
NEW 6" CONCRETE SLAB ON VAPOR BARRIER OVER 4" COMPACTED FILL. LOCATION TO BE COORDINATED WITH ELECTRICAL AND MECHANICAL TYP.



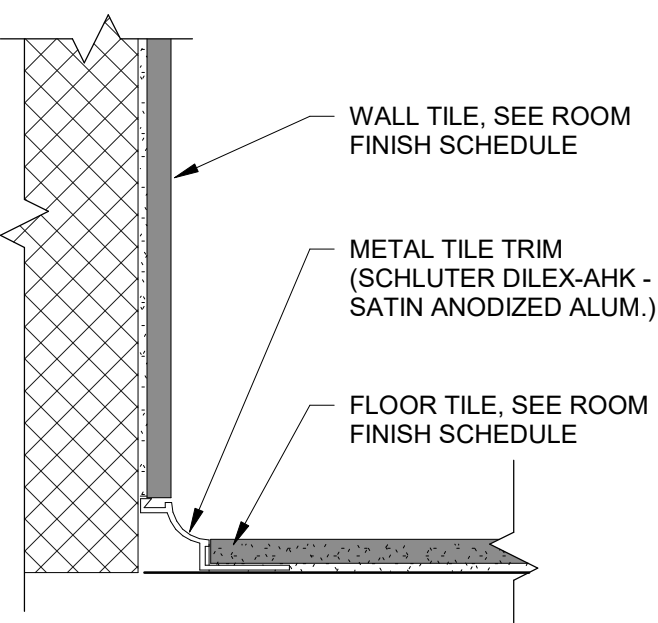
7 INTERIOR SIGN - TYPE 1
A611 3" = 1'-0"



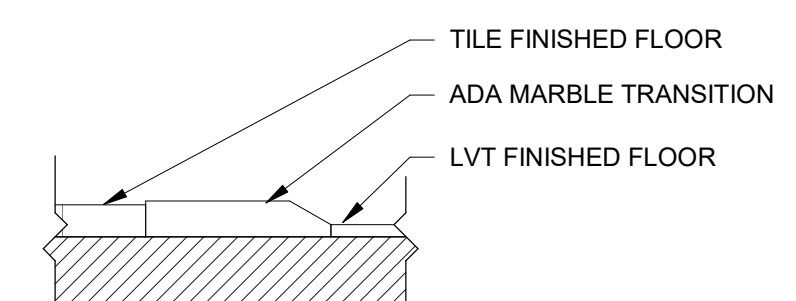
9 TYP. CORNER GUARD DETAIL
A611 12" = 1'-0"



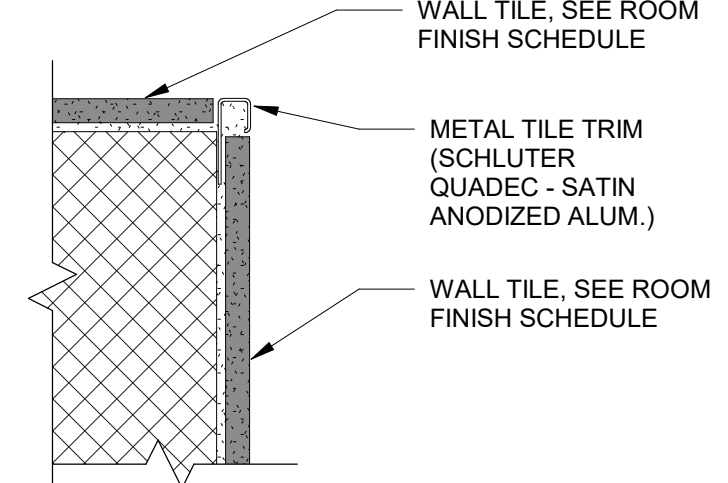
8 INTERIOR SIGN - TYPE 2
A611 3" = 1'-0"



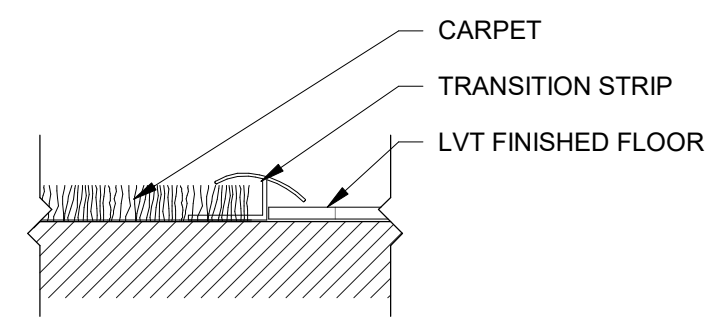
3 TYP. TILE BASE DETAIL
A611 6" = 1'-0"



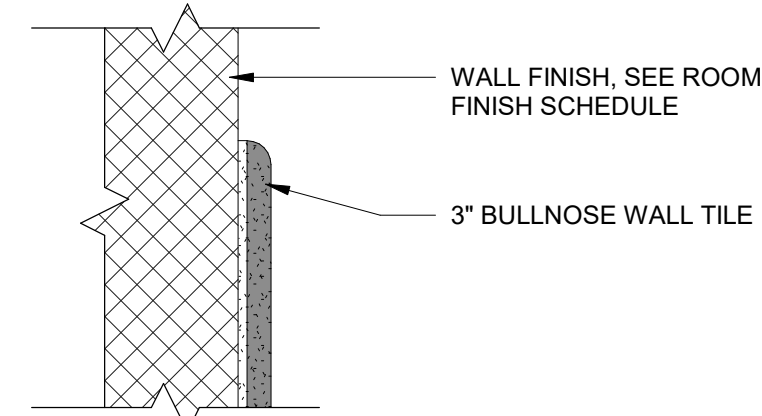
6 LVT / TILE MARBLE TRANSITION
A611 6" = 1'-0"



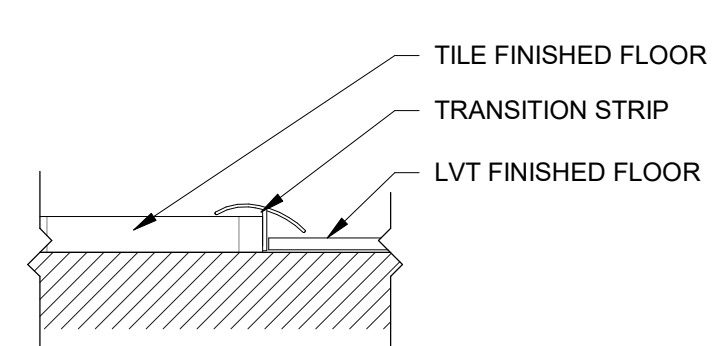
2 TYP. TILE DETAIL AT CORNER
A611 6" = 1'-0"



5 CARPET / LVT TRANSITION
A611 6" = 1'-0"



1 TYP. TILE DETAIL AT TOP OF TILE
A611 6" = 1'-0"



4 LVT / TILE TRANSITION
A611 6" = 1'-0"

FINISH FLOOR PLAN
3/16" = 1'-0"
NORTH

12/20/2024	ADDENDUM 1
12/09/2024	BID ISSUE
11/11/2024	75% OWNER REVIEW
08/05/2024	DD OWNER REVIEW
DATE	SUBMITTALS/REVISIONS

PROJECT NAME:

SEMCO EMERGENCY OPERATIONS CENTER

SHEET TITLE:

FLOOR FINISH PLAN & DETAILS

CLIENT: SEMCO ENERGY GAS COMPANY

<input type="checkbox"/> PRELIMINARY	<input type="checkbox"/> CONSTRUCTION	<input type="checkbox"/> RECORD
DRAWN BY: NMA	CHECKED BY: JRA	DATE: 11/22/2024
SCALE: AS NOTED		



UTILITY INFORMATION, AS SHOWN, INDICATES APPROXIMATE LOCATIONS AND TYPES OF EXISTING FACILITIES ONLY. AS DISCLOSED BY RECORDS PROVIDED TO THIS FIRM FROM THE VARIOUS UTILITY COMPANIES. NO GUARANTEE IS GIVEN OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF.

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DURING CONSTRUCTION, THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN OPERATING NEAR ANY AND ALL OVERHEAD AND / OR BURIED UTILITIES.

PROJECT NO. 1584-0003

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12/20/2024 3:08:42 PM

SHEET NO.

A611



ANDERSON, ECKSTEIN AND WESTRICK, INC.

CIVIL ENGINEERS SURVEYORS ARCHITECTS

51301 Schoenherr Road Phone 586 726 1234
Shelby Township Fax 586 726 8780
Michigan 48315
www.aewinc.com

ENGINEERING STRONG COMMUNITIES

12/20/2024	ADDENDUM 1
12/06/2024	BID ISSUE
DATE	SUBMITTALS/REVISIONS

PROJECT NAME:

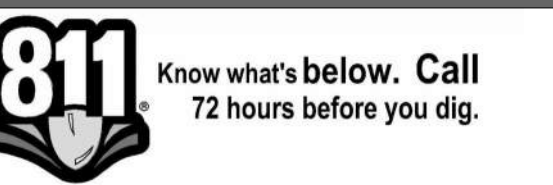
SEMCO EMERGENCY OPERATIONS CENTER

SHEET TITLE:

GAS LINE FLOOR PLAN

CLIENT: SEMCO ENERGY GAS COMPANY

<input checked="" type="checkbox"/> PRELIMINARY	<input type="checkbox"/> CONSTRUCTION	<input type="checkbox"/> RECORD
DRAWN BY:	CHECKED BY:	DATE:
Author	Checker	12/21/23
SCALE: AS NOTED		



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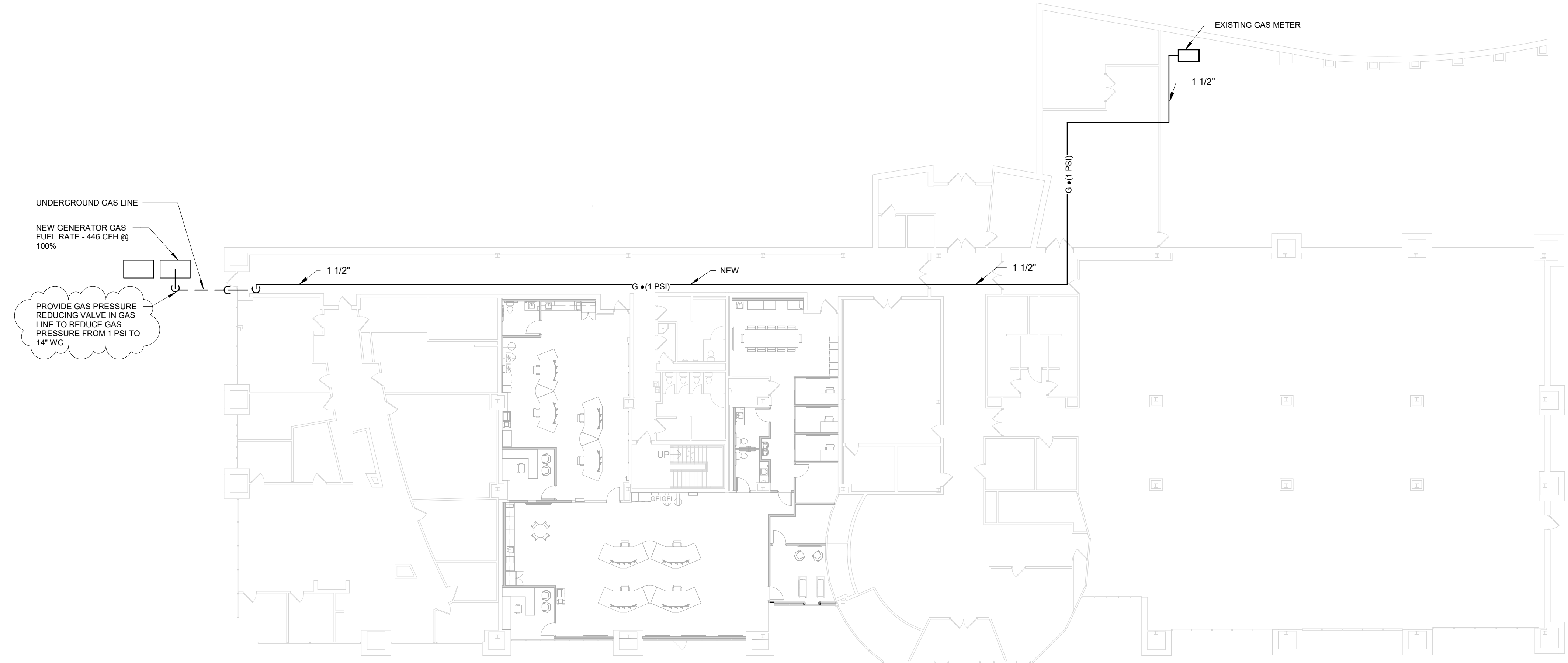
DURING CONSTRUCTION, THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN OPERATING NEAR ANY AND ALL OVERHEAD AND / OR BURIED UTILITIES.

PROJECT NO. 1584-0003

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SHEET NO.

P102



1
P102
NORTH

GAS LINE FLOOR PLAN

1/16" = 1'-0"
NOTE: GAS CONNECT DOWNSTREAM OF GAS METER



ANDERSON, ECKSTEIN AND WESTRICK, INC.

CIVIL ENGINEERS SURVEYORS ARCHITECTS

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Shelby Township Fax 586 726 8780
Michigan 48315 www.aewinc.com

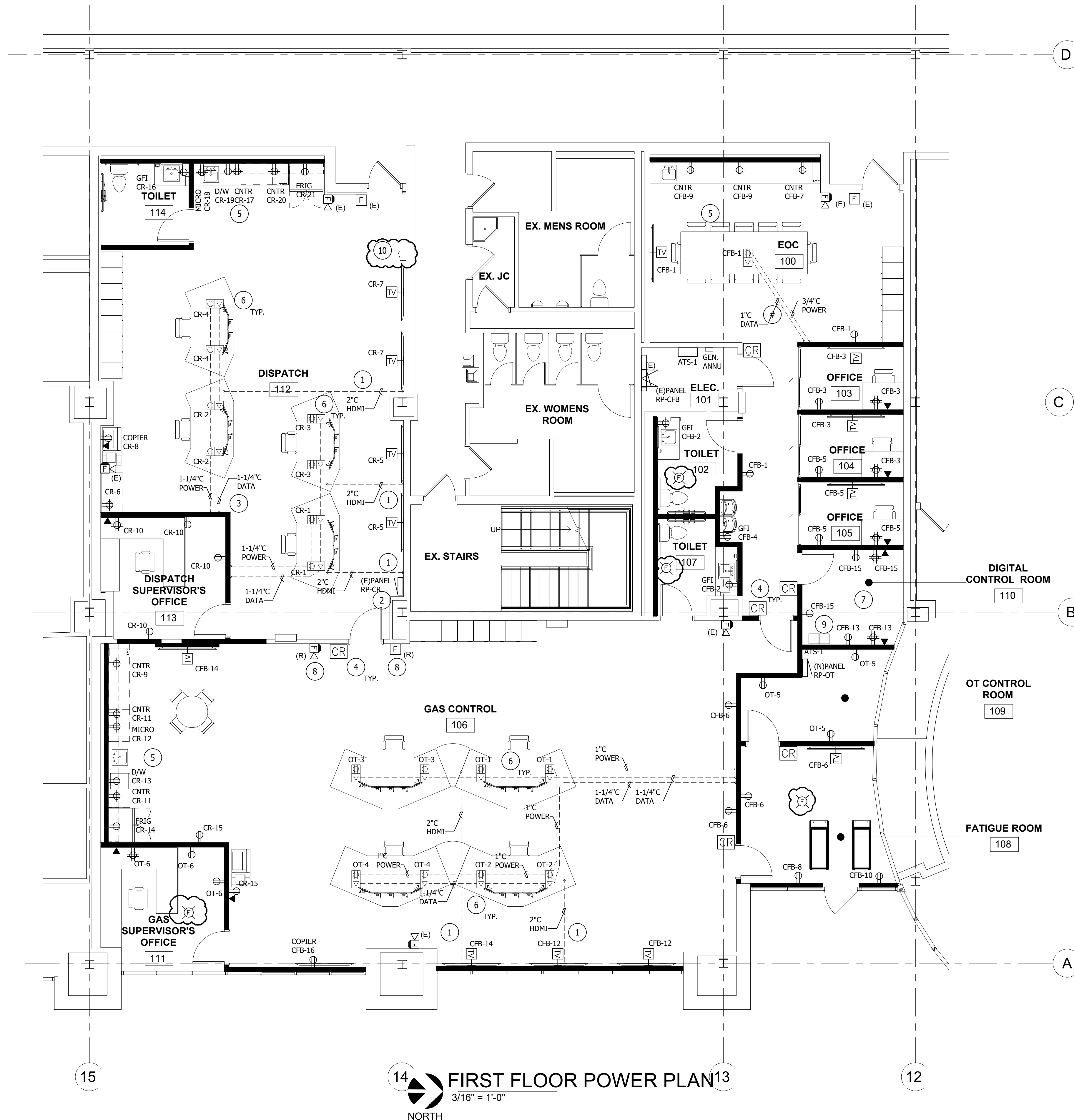
ENGINEERING STRONG COMMUNITIES

ELECTRICAL GENERAL NOTES

A	THESE DRAWINGS ARE DIAGRAMMATIC AND REPRESENT THE GENERAL EXTENT OF THE WORK TO BE PERFORMED. PROVIDE AND EXECUTE ALL HVAC SYSTEMS PER ENGINEER'S SPECIFICATION, AND LOCAL APPLICABLE CODES INCLUDING AMENDMENTS, BULLETINS, ETC. AS WELL AS THE STANDARDS OF INSTALLATION AND EQUIPMENT ESTABLISHED FOR THE BUILDINGS, AND REQUIREMENTS OF THE OWNER.
B	EXCEPT FOR CHANGES AS MAY BE SPECIFICALLY APPROVED BY THE ENGINEER OF RECORD, IN ACCORDANCE WITH ALTERNATES OF OPTIONS AS STATED HEREINAFTER, ALL WORK MUST BE IN FULL ACCORDANCE WITH THE INTENT OF THE PLANS AND SPECIFICATIONS. SYSTEMS ARE TO BE COMPLETE, EFFICIENT, AND SATISFACTORY OPERATION WHEN PROJECT IS DELIVERED TO THE OWNER.
D	CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVAL FROM GOVERNING AUTHORITIES AND FILE NECESSARY FORMS, PAY ALL INSPECTION FEES.
E	ELECTRICAL CONTRACTOR SHALL COMPLY WITH THE LATEST NATIONAL ELECTRICAL CODE, LIFE SAFETY CODE AND APPLICABLE STATE AND LOCAL CODES AND ORDINANCES.
F	ELECTRICAL EQUIPMENT AND WIRING SHALL BE NEW AND SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR, UNLESS OTHERWISE NOTED.
G	WIRING SHALL BE IN CONDUIT. CONDUIT SHALL BE #3/4" CONDUIT MINIMUM. CONDUITS IN FINISHED AREAS SHALL BE CONCEALED.
H	NEW WIRES SHALL BE TYPE THHN. MINIMUM SIZE SHALL BE #12 AWG, UNLESS OTHERWISE NOTED. FINAL CONNECTIONS TO EQUIPMENT, FURNISHED AND INSTALLED BY OTHERS, SHALL BE PROVIDED BY THIS CONTRACTOR.

NEW WORK KEYED NOTES

#	DESCRIPTION
1	2" UNDERGROUND CONDUIT WITH PULL STRING FOR HDMI CABLE CONNECTION. STUB UP 6" ON DESK END AND 4FT ON TV SIDE. COORDINATE EXACT LOCATIONS IN THE FIELD WITH DATA CONTRACTOR.
2	NEW LOCATION OF EXISTING PANEL RP-CR, REFER TO ONE-LINE DIAGRAM AND PANEL SCHEDULE FOR ADDITIONAL INFORMATION.
3	STUB UP DATA CONDUIT TO 6" ABOVE CEILING. POWER CONDUIT TO RUN TO NEXT JUNCTION BOX ABOVE CEILING AND CONNECT TO CIRCUIT SHOWN.
4	ACCESS CONTROL/CARD READER LOCATION. REFER TO DETAIL ON SHEET E200. COORDINATE ALL WORK WITH ACCESS DOOR SUPPLIER. NEW READERS TO BE CONNECTED TO EXISTING SYSTEM. PROVIDE POWER SUPPLY AS REQUIRED. COORDINATE ALL WORK AND PROGRAMING WITH OWNER.
5	ALL RECEPTACLES AT KITCHENETTE AREA SHALL BE GFCI TYPE OR GFCI PROTECTED. ALL RECEPTACLES SHALL BE ACCESSIBLE PER CODE.
6	FLOOR BOXES SHALL BE COMBINATION POWER AND DATA TYPE. PROVIDE 2 GANG BOXES COMPLETE WITH 20A RECEPTACLES, AND COVER PLATES. DATA OUTLETS AND DATA WIRING SHALL BE PROVIDED BY DATA CONTRACTOR. CAT # "LEGRAND 800 SERIES OR EQUAL".
7	VERIFY EXACT MOUNTING HEIGHT OF ALL OUTLETS IN THIS ROOM WITH IT CONTRACTOR PRIOR TO ROUGH-IN.
8	EXISTING FIRE ALARM DEVICE TO BE RELOCATED TO THIS WALL, REFER TO DEMOLITION PLAN FOR ORIGINAL LOCATION.
9	PROPOSED LOCATION OF (2) 20KVA UPS SYSTEMS. ONE 20KVA UPS TO BE PROVIDED BY OWNER, OTHER TO BE PROVIDED BY ELECTRICAL CONTRACTOR. CONTRACTOR TO PROVIDE ALL CONNECTIONS. NEW UPS SHALL MATCH EXISTING COORDINATE WITH OWNER ORDER TO PURCHASE.
10	EXISTING FIRE ALARM NAC PANEL BY "NATIONAL TIME AND SIGNAL 900 SERIES" TO BE USED FOR CONNECTION OF ADDITIONAL STROBE DEVICES IN ROOMS 102, 107, 108 AND 111. NEW DEVICES SHALL MATCH COLOR OF EXISTING DEVICES.



FIRST FLOOR POWER PLAN

3/16" = 1'-0"
NORTH

12/20/2024	ADDENDUM #1
12/06/2024	BID ISSUE
DATE	SUBMITTALS/REVISIONS

PROJECT NAME:

SEMCO EMERGENCY CENTER

SHEET TITLE:

FIRST FLOOR POWER PLAN

CLIENT:

SEMCO ENERGY GAS COMPANY

<input checked="" type="checkbox"/> PRELIMINARY	<input type="checkbox"/> CONSTRUCTION	<input type="checkbox"/> RECORD
DRAWN BY: JRA	CHECKED BY: JRA	DATE: OCTOBER 2024
SCALE: AS NOTED		

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DURING CONSTRUCTION, THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN OPERATING NEAR ANY AND ALL OVERHEAD AND / OR BURIED UTILITIES.

PROJECT NO. 1584-0003

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SHEET NO.

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CIVIL ENGINEERS SURVEYORS ARCHITECTS

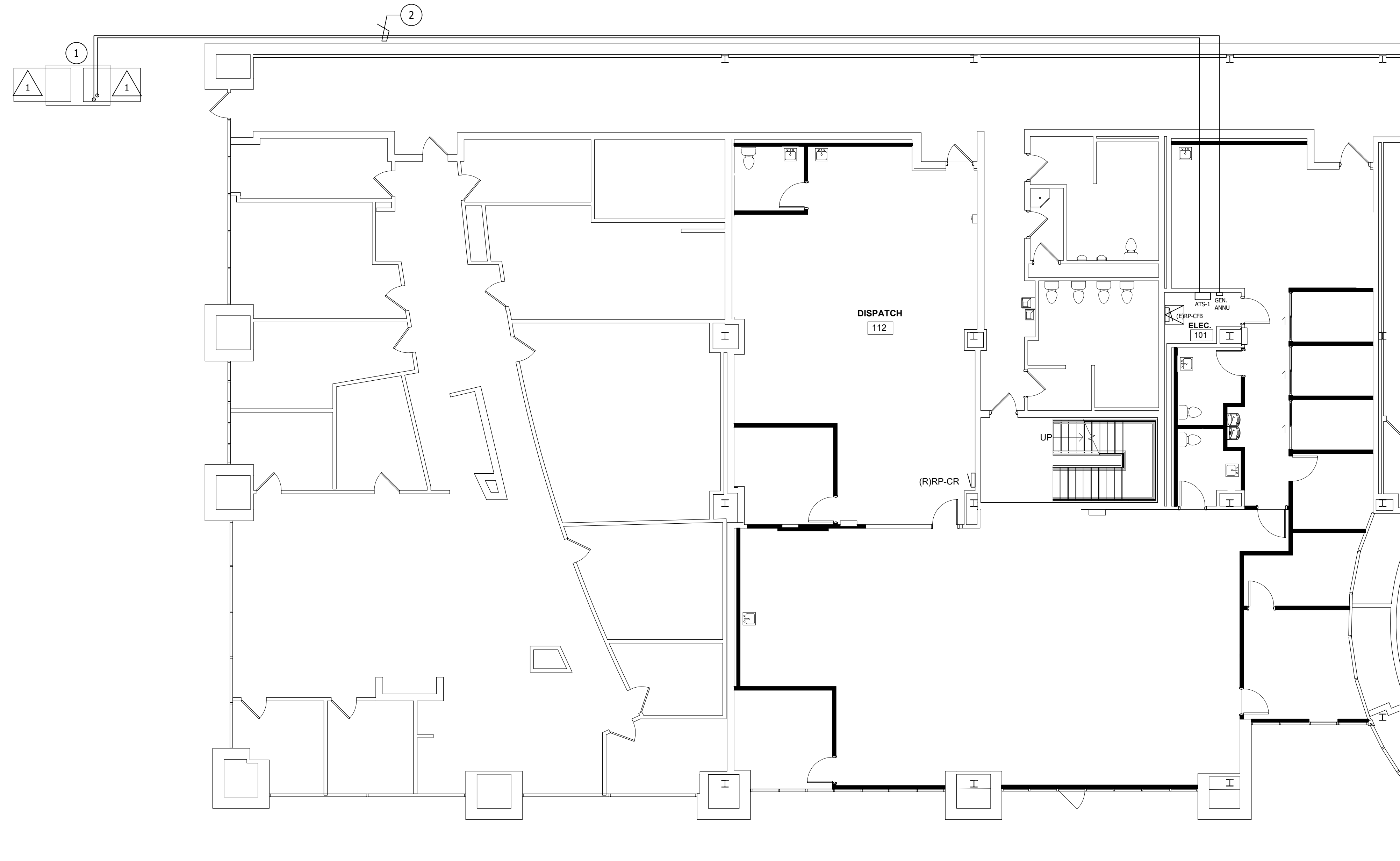
51301 Schoenherr Road Phone 586 726 1234
Shelby Township Fax 586 726 8780
Michigan 48315
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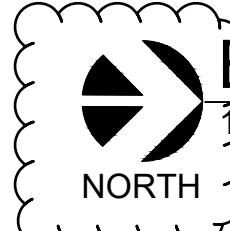
ENGINEERING STRONG COMMUNITIES

ELECTRICAL GENERAL NOTES	
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G	WIRING SHALL BE IN CONDUIT. CONDUIT SHALL BE 3/4" C ONDUIT MINIMUM. CONDUITS IN FINISHED AREAS SHALL BE CONCEALED.
H	NEW WIRES SHALL BE TYPE THHN. MINIMUM SIZE SHALL BE #12 AWG, UNLESS OTHERWISE NOTED. FINAL CONNECTIONS TO EQUIPMENT, FURNISHED AND INSTALLED BY OTHERS, SHALL BE PROVIDED BY THIS CONTRACTOR.

DEMOLITION KEYED NOTES	
X	EXISTING CONDENSING UNIT BEING REMOVED BY MECHANICAL TRADES. ELECTRICAL CONTRACTOR TO MAKE SAFE, DISCONNECT AND REMOVE CONDUIT AND WIRING BACK TO PANEL PP-CR IN DISPATCH ROOM 112.

NEW WORK KEYED NOTES	
#	NEW GENERATOR TO BE INSTALLED IN PLACE OF CONDENSING UNITS BEING REMOVED. PROVIDE NEW PAD, CONDUIT AND WIRING AS DETAILED IN ONE-LINE DIAGRAM SHEET E300 AND DETAIL SHEET E200. COORDINATE EXACT ROUTING IN THE FIELD.
#	POSSIBLE ROUTING FOR POWER AND DATA CONDUITS FROM NEW GENERATOR LOCATION TO ATS AND REMOTE ANNUNCIATOR.



 **ELECTRICAL SITE PLAN**
1/8" = 1'-0"

12/20/2024	ADDENDUM 1
12/06/2024	BID ISSUE
11/11/2024	OWNER REVIEW
DATE	SUBMITTALS/REVISIONS

PROJECT NAME:
**SEMCO
EMERGENCY
OPERATIONS
CENTER**

SHEET TITLE:
**ELECTRICAL SITE
PLAN**

CLIENT:
SEMCO ENERGY GAS COMPANY

PRELIMINARY	CONSTRUCTION	RECORD
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DRAWN BY: Author	CHECKED BY: Checker	DATE: 12/21/23
SCALE: AS NOTED		

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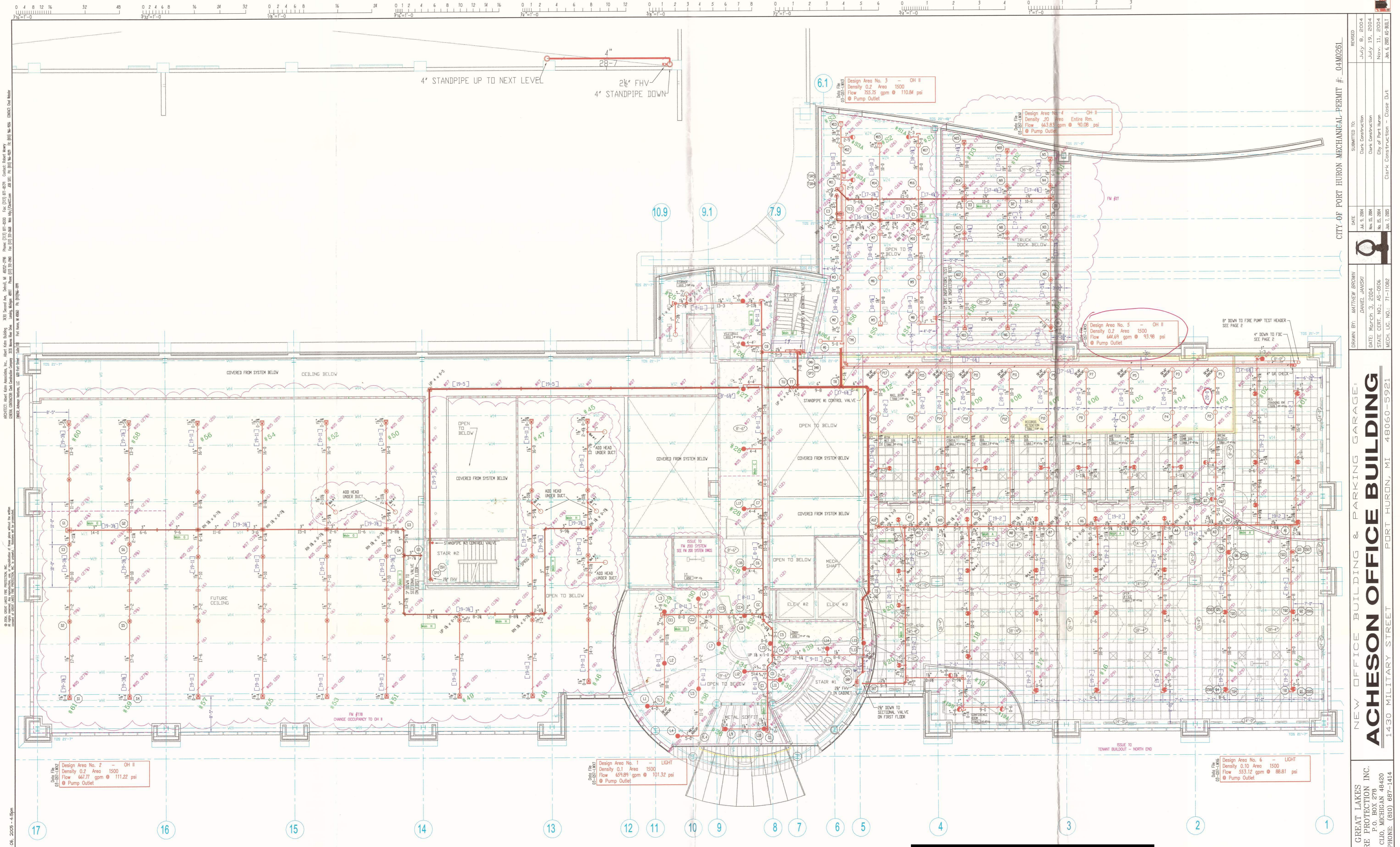
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PROJECT NO.
1584-0003
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SHEET NO.
E103

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INTERMEDIATE LEVEL FIRE PROTECTION PLAN
 1/8"=1'-0"

--- 1 HOUR RATED WALL
 - - - 2 HOUR RATED WALL

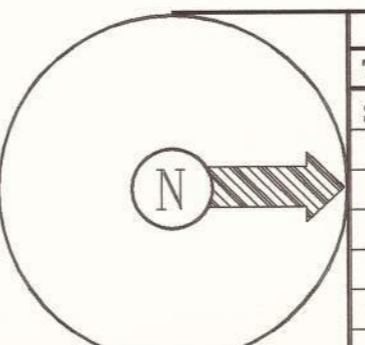
REFERENCE A

"AS-BUILT"

GREAT LAKES FIRE PROTECTION INC. 4800 Grand Ave. Detroit, MI 48217-7982
 P.O. BOX 278 CLETO, MICHIGAN 48420
 PHONE: (810) 687-1414
 FAX: (810) 687-1414
 PROJECT: ACHESON OFFICE BUILDING
 DATE: 06/20/05
 DRAWN BY: DANIEL JAWORSKI
 CHECKED BY: DANIEL JAWORSKI
 SCALE: 1/8"=1'-0"
 SHEET NO: 3 OF 9

PIPE DIMENSION TABLES

SCHEDULE 40 PIPE DIMENSIONS			SCHEDULE 80 PIPE DIMENSIONS			SCHEDULE 160 PIPE DIMENSIONS			SCHEDULE 20 PIPE DIMENSIONS		
NOMINAL	OUTSIDE	WALL THICKNESS	NOMINAL	OUTSIDE	WALL THICKNESS	NOMINAL	OUTSIDE	WALL THICKNESS	NOMINAL	OUTSIDE	WALL THICKNESS
1/2"	1.315	0.109	1/2"	1.315	0.109	1/2"	1.315	0.109	1/2"	1.315	0.109
3/4"	1.315	0.109	3/4"	1.315	0.109	3/4"	1.315	0.109	3/4"	1.315	0.109
1"	1.315	0.109	1"	1.315	0.109	1"	1.315	0.109	1"	1.315	0.109



Number of Sprinklers		Symbols	
Total This Sheet	Total This Job	Symbol	Description
15	15	(1/2"K=5.6)	1/2" V-C V2104 55 OR PHT 50M-REC PEND
48	48	(1/2"K=5.6)	1/2" V-C V2104 55 OR BRS UPRIGHT
88	88	(3/4"K=4.0)	3/4" V-C V2104 55 OR BRS UPRIGHT
6	6	(1/2"K=5.6)	1/2" V-C V2104 55 OR CHR 50M-REC PEND (on Drop)
48	48	(3/4"K=4.0)	3/4" V-C V2104 55 OR BRS UPRIGHT (on Drop)
22	22	(1/2"K=5.6)	1/2" V-C V2104 55 OR PHT 50M-REC PEND (on Drop)

- General Notes**
- All Pipe Locations Are to Be Field Measured Prior to Fabrication and Installation by Sprinkler Contractor.
 - All Dimensions Shown Are Center to Center.
 - High Temperature Heads Are to Be Field Located Where Required.
 - All Pipes and Hangers Are to Be Installed Per NFPA #13.
 - Hangers and Devices Are to Be U.L. Listed or P.M. Approved.
 - Although Plan May Indicate Heads at Center of Ceiling Tiles, This Represents the Basis for System Design Only; It Shall Not Be Constructed to Represent the Final Installed Location of Pendant Sprinkler Heads.
 - All Painting of Pipes and Devices to Be Done by Others.
 - All Electrical Wiring of Devices to Be Done by Others.
 - System to Be Hydrostatically Tested at 200 P.S.I. for 2 Hours.

NEW OFFICE BUILDING & PARKING GARAGE
ACHESON OFFICE BUILDING
 1430 MILITARY STREET PORT HURON, MI 48060-5921

CITY OF PORT HURON MECHANICAL PERMIT # 04M0291

DRAWN BY: MATTHEW BROWN
 CHECKED BY: DANIEL JAWORSKI
 DATE: March 3, 2004
 STATE CERT. NO.: AS-0506
 MECH. LIC. NO.: 71-1082

SUBMITTED TO: Dark Construction
 DATE: July 19, 2004
 REVISED: July 19, 2004
 DATE: July 11, 2004
 REVISED: July 11, 2004
 DATE: Jan. 6, 2005
 REVISED: Jan. 6, 2005 AS-BUILT

SCALE: 1/8"=1'-0"
 FIRE PROTECTION PLAN
 JOB NO: 03-057
 SHEET NO: 3 OF 9