



ADDENDUM NO.: THREE

DATE: September 21, 2017

PROJECT TITLE: ADMISSIONS & VISITORS CENTER
UNC CHARLOTTE
SCO ID# 15-12632-02A
WTS Project No. 1604

WRITTEN BY: Jana Hartenstine, AIA, LEED AP BD+C, CDT

TO: Prospective Bidders / Plan Holders

This addendum is issued pursuant to the University of North Carolina General Administration Instructions to Bidders and General Conditions of the Contract in connection with the revision of Bidding Documents which have been previously issued.

Addenda are issued prior to execution of Contract. All instructions contained herein shall be reflected in the Contract Sum and this Addendum will be made a part of the Contract Documents, if, as, and when a Construction Contract is awarded.

This Addendum forms a part of the Contract Documents and modifies the original documents dated August 24, 2017, as noted below. Acknowledge receipt of this Addendum in this space provided on the Form of Proposal. Failure to do so will subject the Bidder to disqualification.

This Addendum consists of 29 pages and the 18 30X42 SHEET attachments.

A. REVISIONS TO THE PROJECT MANUAL:

1. Revise the project manual by replacing spec sheets/sections/individual pages with the following project manual sheets as follows:

A. 01 2300 ALTERNATES

F. Alternate No. 06 Architectural Decorative Grilles at Exterior Louvers

1. Base Bid: Mechanical Louvers on West Elevation as Indicated.
2. Alternate 06: As indicated on Sheet AA5.01 "Add Alternates #6, 8, and #9" Decorative Grilles (Prefinished Aluminum) in front of the Mechanical Louvers. Basis of Design - Aiolite Sansome Grille or equal as indicated

B. 08 7100 DOOR HARDWARE

MODIFY THE FOLLOWING SET:

WATSON TATE SAVORY, INC.

1316 Washington Street Suite 100 Columbia SC 29201 | 803.799.5181

1307 W. Morehead Street Suite 101 Charlotte NC 28208 | 704.749.5181

HARDWARE GROUP NO. I-20: REMOVE 105A/LOBBY & EXHIBIT AREA AND 105B AUDITORIUM DOORS FROM THIS SET:

ADD THE FOLLOWING SET:

HARDWARE GROUP NO. I-27

FOR USE ON MARK/DOOR #(S):

105A/LOBBY
& EXHIBIT
AREA

105B/AUDITORIUM

PROVIDE EACH PR DOOR(S) WITH THE FOLLOWING:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
6	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	SET	AUTO FLUSH BOLT	FB41P	630	IVE
1	EA	FIRE EXIT HARDWARE	9975-L-F-06-SNB	626	VON
1	EA	MORTISE CYLINDER	20-091 EV D	626	SCH
1	EA	DUMMY TRIM LEVER	996L-DT-06	626	VON
1	EA	COORDINATOR	COR X FL	628	IVE
2	EA	SURFACE CLOSER	4040XP	689	LCN
2	EA	FIRE/LIFE WALL MAG	SCUSH SEM7850	689	LCN
1	EA	GASKETING	188S-BK	S-BK	ZER
1	EA	ASTRAGAL	328AA	AA	ZER
1	SET	WIRING DIAGRAMS	AS REQUIRED		

BEFORE SESSIONS:

DOORS NORMALLY HELD OPEN BY MAGNETS. UPON TRIGGER OF FIRE ALARM, MAGNETS TO RELEASE DOORS, PERMITTING THEM TO CLOSE AND LATCH.

DURING AND AFTER SESSIONS

DOORS MAY BE CLOSED AND LATCHED.

COORDINATE WITH ELECTRICAL AND FIRE ALARM SYSTEMS.

2. Revise the project manual by adding spec sheets/sections with the following project manual sheets as follows:

B. REVISIONS TO DRAWINGS:

1. THE FOLLOWING DRAWING SHEETS ARE TO BE REVISED AS FOLLOWS:

2. THE FOLLOWING FULL SIZE SHEETS ARE RE-ISSUED:

- C5.0 GRADING PLAN 09.20.2017
- T1.1 DRAWING INDEX, ABBREVIATIONS AND SYMBOLS 09.20.2017
- A0.3 PARTITION TYPE SCHEDULE 09.21.2017
- A1.0 CONSTRUCTION SITE PLAN AND PROJECT SIGN 09.21.2017
- A1.0A ARCHITECTURAL REFERENCE SITE PLAN 09.21.2017
- A1.0BPORCH PLAN AND DETAILS 09.21.2017
- A1.3 ROOF PLAN 09.21.2017
- A4.4 WALL SECTIONS 09.21.2017
- A4.5 WALL SECTIONS 09.21.2017
- A4.30ENLARGED VESTIBULE DETAILS 09.21.2017
- A5.3 STOREFRONT DETAILS 09.21.2017
- A6.2 STAIR 1 & ELEVATOR PLANS, SECTIONS AND DETAILS 09.21.2017
- A7.1 DOOR SCHEDULE 09.21.2017
- A8.0 FINISH SCHEDULE 09.21.2017
- M2.2 MECHANICAL SECOND FLOOR PLAN 09.21.2017
- E2.1 FIRST FLOOR PLAN – POWER 09.21.2017
- E2.3 FLOOR PLAN- POWER 09.21.2017
- E3.1 FIRST FLOOR PLAN –SPECIAL SYSTEMS 09.21.2017
- E5.6 ELECTRICAL DETAILS 09.21.2017

C. BIDDER CLARIFICATION REQUESTS

RFI #	RFI	RESPONSE
33	Pairs of fire rated doors 105A and 105B have hardware set I-20 in specification section 08 7100. This set calls for one exit device per pair of doors. I think you need 2 exit devices per pair of doors. Please advise. Also there are no outside levers specified. I think levers should be added. Please advise.	Addendum 2 response: Technically, only one panic on each set of doors would be required for exiting width required per door (47 people per double doors), but we are working on revision regarding pulls on the other side of the doors. Addendum 3 updated response. See revised sets I-27 for Doors 105A and 105B included in this addendum. See revised door # included with Hardware Set I-20.
35	I see no key cards or fobs specified in section 08 710. Will that be provided by your security integrator?	The security integrator shall provide the readers. Note the Blackboard Reader added in Addendum 2 in the hardware schedule. Please note that all readers are specified in the Door Hardware specification, but

		<p>the GC , Hardware Consultant and Security Integrator shall coordinate who provides readers and related components.</p> <p>Open Options contact is: Chad Copley Brady Services 336-250-1000 Chad.coppley@bradyservices.com</p> <p>Blackboard Contact is: Lance Button Client Manager lance.button@blackboard.com 850-878-3041</p>
53	S3.2 and S3.1 - Foundations Please clarify which footings get "Typical Pilasters" as indicated in detail 10/S3.2 and which get pocketed as indicated in 16/S3.1	<p>Only columns with a pilaster mark on the foundation plan have a pilaster. The pier / pilaster marking is per sheet note #12 on sheet S1.1. There is an example of such a mark for the column at grid intersection B.E/17.</p> <p>Columns without pilaster/ pier marks will bear on the top of the footing.</p>
57	12 6100 ""Fixed Seating" From contacting the fixed audience seating sales representatives, we have learned that they are located in areas affected by recent hurricanes and will have difficulty preparing for this bid. Has the architect considered reaching out to the manufacturer to question if any sales representatives are available outside of hurricane impacted areas?	We have contacted the three manufacturers specified and all indicated that the hurricane would not have difficulty preparing bids due to the hurricane as of 9/18/2017.
58	Who is the owner's commissioning agent for this project?	Horizon Engineering Associates, LLP 5600 77 Center Drive, Suite 105, Charlotte, NC C: 518.248.4132 F: 212.400.3715 W: www.horizon-engineering.com
59	Spec 099123 3.3.D.1 - This section identifies a variety of paint colors for the mechanical room equipment. Typically these items are factory finished. Confirm if the intent is for these items to be	Factory coatings are preferred over field painting, but that typically only applies to equipment. Duct and piping is per div 09 typically unless noted otherwise.

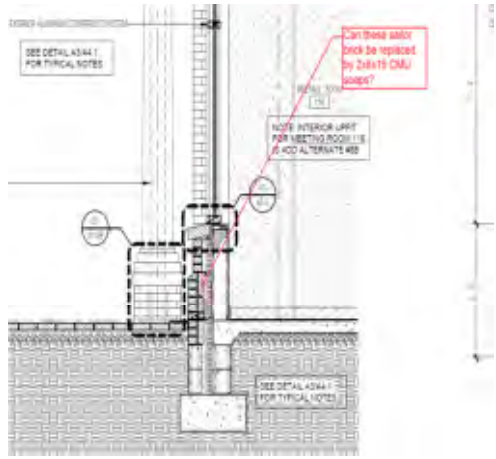
	<p>Painted in the field based on these color schemes.</p>	
60	<p>Spec 099123 3.3.D.2 - This section indicates color coding of the various piping systems within the building. Please confirm that the intent is for the piping systems to be painted and if it applies to hidden and exposed pipes.</p>	<p>Duct and piping is per div 09 typically unless noted otherwise. See notes 8 and 30 on M0.1 regarding colors.</p>
61	<p>Spec 099123 3.6.B - This section indicates painting of pipe insulation and duct coverings. Please confirm that this is the intent and if it applies to hidden and exposed elements.</p>	<p>Duct and piping is per div 09 typically unless noted otherwise. See notes 8 and 30 on M0.1 regarding colors.</p>
62	<p>A8.15 Detail B1 - There is not a specification section for the Solid Demountable Partition System shown on this elevation. The full extent of the system is unclear on A1.2.A please clarify which walls are solid.</p>	<p>Demountable partitions are by Owner. Change all "Demountable Partition" notes to say "Demountable Partition, NIC"</p>
63	<p>E5.6 Access control general note 3 states for the E.C. to contact the owner's security E.C. to obtain pricing. Please provide contact information for this contractor.</p>	<p>Open Options by Brady Services. The contact for construction is Ryan Hughes 980-266-9279.</p>
64	<p>E5.6 Access control general note 1 states for the E.C. to provide and install a complete working system and then in the next sentence it indicates the door access controls are by others. Please clarify the extent of the access control scope of work that should be included with our bid.</p>	<p>The E.C. should be working with the security integrator. The E.C. is responsible for providing the access control system and a complete integration of the other items that are by others. The items that are by others include the access control components such as card readers, push buttons, electric strikes, pedestals, etc..</p>
65	<p>S1.1 and S1.2 Can we add a 6X6 8 gauge wwf in the sog and reduce the macro fiber to a 5 pcy?</p>	<p>FOR INTERIOR SLAB-ON-GRADE ONLY A. (As currently specified) - In addition to any other reinforcement shown, reinforce slab with synthetic macro-fiber at a dosage rate of 7.5 pounds per cubic yard. -OR- B. (Alternative specification) - In addition to any other reinforcement shown, reinforce slab with a combination of synthetic macro-fiber at a dosage rate of 5.0 pounds per cubic yard PLUS a single layer of WWF 6x6-W2.1xW2.1. All WWF must be chaired in position with plastic chairs to hold</p>

		WWF at a position 1" below top of slab. "Hooking and lifting" WWF at time of concrete placement is NOT ACCEPTABLE.
66	Where is the material info for VWC-02 called out on drawing A8.0 for 116 Meeting? There is a VWC-01 pattern listed but, I don't see VWC-02	The only VWC is in the 2 interview rooms. There is no VWC-02. Walls located in 116 are to be painted, egg shell finish. Color, TBD.
67	Fire dampers are shown for alternate #5 up-fit of the auditorium, they are not shown for the base bid, are fire dampers to be included in the base bid?	Provide fire dampers in the base bid.
68	Should alternate No. 06 on list of alternates read "as indicated on AA6.01 Add Alternate #6, #8, and #9?	Yes. It should read #6, #8 and #9.
69	On drawing A1.2C 2nd floor plan at 2nd floor stairs detail A3/A6.2 is calling for wall type B6-S01-a however on drawing A0.3 partition type schedule there is no such wall type. What wall type should be used in this location?	The "B" partition type has two layers of gyp board on one side and one on the other. We have added it to the partition sheet A0.3.
70	On the UNCC website under Facilities Management Division of Business affairs within the post and panel specs there is a link, however that link does not work. What should we reference for the signage posts and panels?	We are able to use the link, so it may be a problem with the search engine. We have downloaded the interior and exterior pdfs of the signage standards and have them uploaded for your ability to download on our Sharefile account. Standards may be accessed at: https://watsontatesavory.sharefile.com/d-sa965545a77e4eb29
71	On the UNCC website under Facilities Management Division of Business affairs within the post and panel specs there is a link, however that link does not work. What should we reference for the signage posts and panels?	We are able to use the link, so it may be a problem with the search engine. We have downloaded the interior and exterior pdfs of the signage standards and have them uploaded for your ability to download on our Sharefile account. Standards may be accessed at: https://watsontatesavory.sharefile.com/d-

		sa965545a77e4eb29
72	For pipe identification, the specifications allow us to use adhesive or stenciled pipe id; however sheet P0.1 in the general notes states acrylic snap on id. Which is required? (Acrylic is more expensive)	University Construction Standards require the following: "Strap on Plastic Pipe Markers: Factory fabricated, flexible, semi-rigid plastic, preformed to fit around pipe or pipe covering; minimum information indicating flow direction arrow and identification of fluid being conveyed". Provide as noted herein and on sheet P0.1.
73	Can we use a non AWI participant for millwork? Please approve Carolina Heritage Cabinetry to bid this project as a casework fabricator. They are not an AWI participant, however they build to all AWI specifications and can meet specifications for this project. Please see attached references.	Millwork shall be built to AWI specifications and meet all specifications. The requirement for an AWI participant may be waived with documentation of experience. Carolina Heritage Cabinetry's documentation supports their ability to meet AWI specifications and they may be included as an exception to the requirement.
74	Does the plumber need to be responsible for connecting to the site from the downspouts to 5'-0" from building. (sheet C5.1) or is more storm required as shown to the 8" mains. (BASE BID).	For external down spouts, the site contractor typically runs his line to the building and turns up at the downspout boot. For underground roof leaders the tie in between site and plumber will take place in that 5' zone.
75	From the above question, if the downspout boot and storm to 5' is not part of the plumbing scope how much would need to be picked up under alternate #3 from the canopy drains. (sheet P1.3)	See RFI 74.
76	SECTION 4 ON S3.2 IS CUT NEAR A.A-P.2 LINE ON SHEET S1.1, QUESTION IS ARE THERE ONLY 2 POSTS AT THAT LOCATION AS IT LOOKS LIKE IT IS UNDER THE SILL AND WINDOWS IN THE SECTION CUT, THERE IS A DOOR WHERE THAT SECTION IS CUT, PLEASE VERIFY WHERE THAT DETAIL OCCURS THRUOUT THE BUILDING	This should be the only location for this detail. The door is next to a window opening that doesn't come down to the floor.
77	SECTIONS A1&A3 ON A5.2 SHOWS AN ANGLE UNDER THE BRICK, WHAT SIZE IS THE ANGLE AND HOW WILL IT ATTACH? IS IT TO BE GALVANIZED?	Provide a galvanized angle bearing on side brick min 4" . Size as an L 3x2x3/8" or to match

<p>78</p>	<p>Provide clarification of what is included in the AV Package.</p>	<p>The Projector are to be provided and installed in this package. Projectors are located in Add Alternate 05A and 05B, on drawings and Specification for them is located in 11 5213 Projection Screens specification. The Disconnect switch for the screens is to be located above the ceiling. The screens shall have a 50 foot low voltage cable to be runs to a wall switch located next to the Creston touchscreen. See Electrical clarification issues as part of this addendum.</p> <p>Ceiling speakers are provided and installed by Owner, with the exception of the ceiling speakers in Auditorium 105's high ceiling, which will be provided by Owner and installed by Contractor. Wiring to these high ceiling speakers will be by contractor (70V and daisy chained) and the homerun is to Room 106. The speaker that is being provided is a JBL Control 45 C/T speaker - (http://www.jblpro.com/www/products/installed-sound/control-40-series/control-45c-t#Specs) and a wiring diagram for these speakers has been provided with this Addendum.</p> <p>The Crestron Control System is included in the Contractor package.</p> <p>All other AV equipment not mentioned above is by the Owner.</p> <p>Low voltage telecomm and low voltage AV pathways are by contractor. Low voltage telecomm and low voltage AV wiring is by Owner.</p> <p>Electrical pathways and wiring are by Contractor.</p>
<p>79</p>	<p>Will irrigation be provided by the owner? If not, is it provided by the landscaping contractor?</p>	<p>Irrigation scope is described in Add Alternate 01 Section 01 2300 of the Project Manual. Owner will provide irrigation work described in the alternate only if it is not accepted; however, there is irrigation work to be completed in the base bid.</p>

80	C3.0 What material is the yard where the transformer and generator are located? It looks like concrete.	Concrete pads shall be provided under the transformer and generator units, but not as a hardscape feature.
81	On drawing A1.2C 2 nd floor plan at 2 nd floor stairs detail A3/A6.2 is calling for wall type B6-S01-a however on drawing A0.3 partition type schedule there is no such wall type. Please clarify.	Partition type B has been added to the Partition Sheets in this addendum.
82	In the job specs I see it calls out for an AISC certified fabricator. Can this be waived for this project?	No. AISC certified fabricator is required. (Note this has been answered previously)
83	Sheet L1.0 indicates to install three street trees to match existing. I presume they mean to match the existing species of tree but they don't indicate what size tree. Do they want to match the existing size also? The plant list on L1.0 lists 12 vines labeled GESE. I need a size for these. The plant list on L1.0 shows a size of 4L for both ACGR and LMBB. Please clarify what 4L refers to	Street trees are to match existing species and are to be 3" caliper. Vines shall be in 3 gal container. ACGR and LMBB should be in 1 gallon containers.
85	Who is responsible for the BAS connection to the water meter?	The mechanical contractor is responsible for the connection of the domestic water meter to the BAS.
86	Sheet P1.1 shows a washer type box between column lines 23 and 24 near C.E. Can we guess that this is supposed to be WCB from the fixture schedule.	Yes. The note on the plan indicates this.

<p>86</p>	<p>Can sailor brick be replaced with 2x8x16 CMU soaps?</p> 	<p>Yes, concealed sailor brick can be replaced by 2 x 8 x 16 CMU soaps.</p>
<p>87</p>	<p>Sheet P0.1 plumbing note refer to hookup of kitchen equipment, where is the kitchen schedule and where is the kitchen?</p>	<p>Disregard Kitchen Equipment Note(s). There is no commercial kitchen equipment in this project.</p>
<p>89</p>	<p>Sheet P0.1 detail #7 shows the above condensate box. Who is responsible for the condensate drain from the HVAC unit?</p>	<p>The mechanical contractor is responsible for providing the condensate drain pipe from the HVAC unit to the drain box.</p>

D. SUBSTITUTION REQUESTS

Signed substitution forms have been attached to this addendum. All substitution requests are to be submitted by General Contractors for consideration.

5	07 4213 Aluminum Metal Plate	Substitution has been approved.
6	075419 PVC Roofing - Versico Versifleece 60 mil Fleeceback PVC Roof Membrane	Substitution has been approved as noted.
7	06 610F FRP	Substitution has been approved.
8	10 2800 TOILET BATH AND LAUNDRY ACCESSORIES - BABY CHANGING	Substitution has been approved.
9	097713 SWP & 122413 ROLLER WINDOW SHADES	Substitution has been approved as noted.
10	07 4113.16 METAL ROOFING	Substitution has been approved.

WATSON TATE SAVORY, INC.

1316 Washington Street Suite 100 Columbia SC 29201 | 803.799.5181
 1307 W. Morehead Street Suite 101 Charlotte NC 28208 | 704.749.5181

11	072713 SHEET AIR BARRIER	Substitution has been approved.
12	07 1326 SELF ADHERING SHEET WATERPROOFING -MOLD SHEET	Substitution has been approved.
13	07 1326 SELF ADHERING SHEET WATERPROOFING -MOD BIT SHEET	Substitution has been approved.
14	07 5419 PVC ROOFING	Substitution has been approved.

END OF ADDENDUM 03

SUBSTITUTION REQUEST

Manufacturer Product Approval Request

Project: UNC Charlotte Admissions & Visitors Center Substitution Request Number: _____
 From: American Metalcraft Inc.
 To: _____ Date: 9/14/17
 A/E Project Number: SCO ID
 Re: Product Approval Request by Manufacturer Contract For: #15-12632.02A

Specification Title: Aluminum Metal Plate Description: Aluminum Screens..Exterior.
 Section: 074213 Wall Panels Page: 5 Article/Paragraph: 1.3

Proposed Substitution: Raincreen 100 Aluminum Plate Wall Panels
 Manufacturer: Ameriacan Metalcraft Inc. Address: 28 Andrew Way Villa Rica, GA Phone: 769-486-5007
 Trade Name: Ameriacan Metalcraft Inc Model No.: RS-100
 Installer: Not determined at this time. Address: _____ Phone: _____
 History: New product 1-4 years old 5-10 years old More than 10 years old
 Differences between proposed substitution and specified product: The RS*-100 Panels offer a longer workmanship warranty than specified.
The RS-100 Panels meet all the specified requirements..

Point-by-point comparative data attached — **Submittal Attached**

Similar Installation:
 Project: See Submittal for Project List Architect: _____
 Address: _____ Owner: _____
 Date Installed: _____

Proposed substitution affects other parts of Work: No Yes; explain _____

Savings to Owner for accepting substitution: _____ (\$ _____).

Proposed substitution changes Contract Time: No Yes [Add] [Deduct] _____ days.

Supporting Data Attached: Drawings Product Data Samples Tests Reports _____

SUBSTITUTION REQUEST

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Cost data as stated above is complete. Claims for additional costs related to accepted substitution which may subsequently become apparent are to be waived.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.
- Coordination, installation, and changes in the Work as necessary for accepted substitution will be complete in all respects.

Submitted by: Jill Crawford

Signed by: _____

Firm: Amerian Metalcraft Inc.

Address: 28 Andrew Way

Villa Rica ,GA

Telephone: 769-486-5007

Attachments: xxxxx

A/E's REVIEW AND RECOMMENDATION

- Approve Substitution - Make submittals in accordance with Specification Section 01 33 00 Submittal Procedures.
- Approve Substitution as noted - Make submittals in accordance with Specification Section 01 33 00 Submittal Procedures.
- Reject Substitution - Use specified materials.
- Substitution Request received too late - Use specified materials.

Signed by:  Date: 09/21/2017

Additional Comments: Contractor Subcontractor Supplier Manufacturer A/E

SUBSTITUTION REQUEST

Project: Admissions & Visitors Center; UNC Charlotte
 Arch MEP/FP Struct/Civil/Land
To: Watson Tate Savory, Inc.
c/o Jana Hartenstine AIA /Tommy Barry
jhartenstine@watsonatesavory.com
tbarry@watsonatesavory.com
Substitution Request Number: (To Be Assigned) 3
From: David Hartis
Date: 9/14/2017
A/E Project Number: 1604
Contract For: Admissions & Visitors Center
Re: Substitution Request for Polyvinyl-Chloride (PVC) Roofing

Specification Title: Polyvinyl-Chloride (PVC) Roofing Description: PVC Membrane Roofing
Section: 075419 Page: 075419 - 4&5 Article/Paragraph: 2.1

Proposed Substitution: Versico Versifleece 60 MIL Fleeceback PVC Roof Membrane
Manufacturer: Versico Rfg Systems Address: Carlisle, PA Phone: 800-992-7663
Trade Name: Versifleece 60 Mil PVC Model No.: _____
Installer: TBD Address: _____ Phone: _____
History: New product 2-5 years old 5-10 yrs old More than 10 years old
Differences between proposed substitution and specified product: None -products are very similar

Point-by-point comparative data attached - REQUIRED BY A/E

Reason for not providing specified item: Equal opportunity to provide a high quality product for this project

Similar Installation:

Project: Durham County Schools Architect: Lindsey Bute
Address: 511 Cleveland Street Owner: Durham County
Durham, NC 27702 Date Installed: 2016

Proposed substitution affects other parts of Work: No Yes; explain _____

Supporting Data Attached: Drawings Product Data Samples Tests Reports _____

**SUBSTITUTION
REQUEST**
(Continued)

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Cost data as stated above is complete. Claims for additional costs related to accepted substitution which may subsequently become apparent are to be waived.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.
- Coordination, installation, and changes in the Work as necessary for accepted substitution will be complete in all respects.

Submitted by: David Hartis

Signed by: David Hartis

Firm: Roofers Supply of Greenville

Address: 9333-F Forsyth Park Drive
Charlotte, NC 28273

Telephone: 704-970-4010

Attachments: _____

A/E's REVIEW AND ACTION

- Substitution approved - Make submittals in accordance with Specification Section 01 33 00.
- Substitution approved as noted - Make submittals in accordance with Specification Section 01 33 00.
- Substitution rejected - Use specified materials.
- Substitution Request received too late - Use specified materials.

Signed by:  Date: **09.21.2017**

Additional Comments: Contractor Subcontractor Supplier Manufacturer A/E _____

All roofing installations are over coverboard.

**SUBSTITUTION
REQUEST**

7

Project: Admissions & Visitors Center; UNC Charlotte
 Arch MEP/FP Struct/Civil/Land
 To: Watson Tate Savory, Inc.
c/o Jana Hartenstine AIA /Tommy Barry
jhartenstine@watsonatesavory.com
tbarry@watsonatesavory.com

Substitution Request Number: (To Be Assigned) 1/2
 From: PLASTERFORM, INC.
 Date: SEPTEMBER 15, 2017
 A/E Project Number: 1604
 Contract For: Admissions & Visitors Center

Re: "FIBERGLASS REINFORCED PLASTIC FABRICATIONS"
 Specification Title: SEE "RE:" ABOVE
 Section: 06610 Page: 2 & 3
 Article/Paragraph: MOLDED FRP SHAPES, PRE-FIN'D W/ SANDBLASTED AGGREGATE FINISH 2.1/A, 1, & 2.

Proposed Substitution: "PLASTERFORM FIBERGLASS FABRICATIONS"
 Manufacturer: PLASTERFORM Address: MILLSBANGA, ON Phone: (800) 268-4534
 Trade Name: INC. FRP Model No.: N/A; CUSTOM-MADE
 Installer: TBD TBD Address: TBD Phone: TBD

History: New product 2-5 years old 5-10 yrs old More than 10 years old

Differences between proposed substitution and specified product: NONE / SLIGHT DIFFERENCES IN TEST DATA DO EXIST AS THERE IS NO SINGLE UNIFORM TESTING AGENCY GOVERNING THE MOLDED FRP INDUSTRY.

Point-by-point comparative data attached - REQUIRED BY A/E (SEE ATTACHED)

Reason for not providing specified item: WE DO NOT REPRESENT NOR MANUFACTURE FOR ANY OF THE SPEC'D MANUFACTURERS - THUS, MORE EQUAL COMPETITION
 Similar Installation:

Project: CPC CULINARY ARTS Architect: LS3P ASSOCIATES LTD.
 Address: 425 N. KINGS DR. Owner: CENTRAL PIEDMONT COMMUNITY COLLEGE
CHARLOTTE, NC Date Installed: 2008-2009

Proposed substitution affects other parts of Work: No Yes; explain _____

Supporting Data Attached: Drawings Product Data Samples Tests Reports _____
(AVAILABLE)

*** NOTE: No Specs by Architect for Interior GFRS COLUMNS - ADDITIONAL INFORMATION IS ATTACHED AS AN ADDITIONAL SUBMITTAL FOR INTERIOR GFRS COLUMN IN BASE BID @ ROOM #114 - + ADD ALTERNATE #5 b @ AUDITORIUM #105. mms**

**SUBSTITUTION
REQUEST**
(Continued)

2/2

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Cost data as stated above is complete. Claims for additional costs related to accepted substitution which may subsequently become apparent are to be waived.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.
- Coordination, installation, and changes in the Work as necessary for accepted substitution will be complete in all respects.

Submitted by: MICHAEL T. SMITH / KEITH ASTBURY
 Signed by: [Signature] / K J Astbury
 Firm: HABITAT ARCHITECTURAL SALES / PLASTERFORM, INC.
 Address: P.O. Box 240145 1180 LAKESHORE RD. E.
CHARLOTTE, NC, 28224 MISSISSAUGA, ON, CANADA
 Telephone: (704) 552-7061 USE 1E9
1-800-268-4534
 Attachments: "SAMPLE" DRAWING DETAILS PRODUCT DATA W/TEST
RESULTS - PHYSICAL SAMPLES AVAILABLE UPON REQUEST

A/E Is REVIEW AND ACTION

- Substitution approved - Make submittals in accordance with Specification Section 01 33 00.
- Substitution approved as noted - Make submittals in accordance with Specification Section 01 33 00.
- Substitution rejected - Use specified materials.
- Substitution Request received too late - Use specified materials.

Signed by:

Date: **09.21.2017**

Additional Comments

Contractor Subcontractor Supplier Manufacturer A/E



SUBSTITUTION REQUEST

(During the Bidding/Negotiating Stage)

Project: Admissions and Visitors Center

Substitution Request Number: 8

9201 University City Boulevard, Charlotte, NC 28223

From: Saniflow Corp. / Attn: Melissa Aguiar

To Watson Tate Savory

Date: 8/28/17

Re: Substitution/ Equal

A/E Project Number: 1604

Specification Title: A8.3 Enlarged Toilet Plans & Elevations

Description Toilet Accessories

Section: _____ Page: _____

Article/Paragraph: T4

Proposed Substitution: BabyMedi

Manufacturer: Saniflow Corp. Address: 3325 NW 70th Ave., Miami FL, 33122 Phone: 305-424-2433

Trade Name: Saniflow, a Mediclinics Company Model No.: CP0016HSC

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

Submitted by: Melissa Aguiar

Signed by: _____

Firm: Saniflow Corp

Address: 3325 NW 70th Ave, Miami, FL, 3312

Telephone: 305-424-2433 x. 2021

A/E's REVIEW AND ACTION

- Substitution approved - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
- Substitution approved as noted - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
- Substitution rejected - Use specified materials.
- Substitution Request received too late - Use specified materials.

Signed by: _____

Date: **09.21.2017**

Supporting Data Attached: Drawings Product Data Samples Tests Reports _____

SUBSTITUTION REQUEST

Project: Admissions & Visitors Center, UNC Charlotte
 Arch MEP/FP Struct/Civil/Land

To: Watson Tate Savory, Inc.
c/o Jana Hartenstine AIA /Tommy Barry
jhartenstine@watsonatesavory.com
tbarry@watsonatesavory.com

Substitution Request Number: (To Be Assigned) **9**
From: Acoustical Interiors
Date: 9/13/17
A/E Project Number: 1604
Contract For: Admissions & Visitors Center

Re: _____

Specification Title: stretch fabric wall systems
+ Roller Window shades Description: _____

Section: 47713 Page: _____ Article/Paragraph: _____
122413

Proposed Substitution: Softwalls + Solarfective

Manufacturer: Softwalls Address: Cass Phillip Davis Dr Phone: 704-665-4904
+ Solarfective CLT, NC 28217

Trade Name: _____ Model No.: _____

Installer: TBD Address: _____ Phone: _____

History: New product 2-5 years old 5-10 yrs old More than 10 years old

Differences between proposed substitution and specified product: NA

Point-by-point comparative data attached - REQUIRED BY A/E

Reason for not providing specified item: Acoustical Interiors supplies softwalls panels +
Solarfective shades

Similar Installation:

Project: Trilliant Architect: Gensler
Address: 401 Harrison Oaks Blvd Owner: _____
Cary, NC 27513 Date Installed: August - Sept 2017

Proposed substitution affects other parts of Work: No Yes; explain _____

Supporting Data Attached: Drawings Product Data Samples Tests Reports _____

**SUBSTITUTION
REQUEST**
(Continued)

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Cost data as stated above is complete. Claims for additional costs related to accepted substitution which may subsequently become apparent are to be waived.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.
- Coordination, installation, and changes in the Work as necessary for accepted substitution will be complete in all respects.

Submitted by: Acoustical Interiors - Beth Worthington

Signed by: [Signature]

Firm: Acoustical Interiors

Address: 605 Phillip Davis Dr, suite 5
CLT, NC 28217

Telephone: 704-665-4404

Attachments: softwalls + solarfective brochures

A/E's REVIEW AND ACTION

- Substitution approved - Make submittals in accordance with Specification Section 01 33 00.
- Substitution approved as noted - Make submittals in accordance with Specification Section 01 33 00.
- Substitution rejected - Use specified materials.
- Substitution Request received too late - Use specified materials.

Signed by:

Date:

Additional Comments: Contractor Subcontractor Supplier Manufacturer A/E _____

Roller shades manufacturer to provide quiet motor.
Stretched wall panel fabric to be material as specified.

SUBSTITUTION REQUEST

Project: Admissions and Visitors Center UNCC

Substitution Request Number: **10**

From: Peter Ryan, Metal Roofing System

To: Watson Tate Savory Architects

Date: September 13, 2017

A/E project Number:

Re:

Contract For:

Specification Title: Division 7
Section: 07 4113.16

Page:4

Description: Standing Seam Metal Roof Panels
Article/Paragraph: Part 2 Products

Proposed Substitution: MRS System 2500

Manufacturer: 7670 Mikron Road Stanley, NC 28164

Phone: 704-820-3110

Fax: 704-820-0113

Trade Name: Metal Roofing Systems Inc.

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product
- Same maintenance service and source of replacement parts, as applicable, is available
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

Submitted by: Peter Ryan

Firm: Metal Roofing Systems Inc.

Address: 7670 Mikron Drive Stanley, NC 28164

Telephone: 704-820-3110

A/E's REVIEW AND ACTION

- Substitution approved - Make submittals in accordance with Specification Section.
- Substitution approved as noted - Make submittals in accordance with Specification Section
- Substitution rejected - Use specified materials.
- Substitution Request received too late - Use specified materials.

Signed by



09.21.2017

Supporting Data Attached: Drawings Product Data Samples Tests Reports _____

SUBSTITUTION REQUEST

Project: Admissions & Visitors Center; UNC Charlotte

Arch MEP/FP Struct/Civil/Land

To: Watson Tate Savory, Inc.

c/o Jana Hartenstine AIA /Tommy Barry
jhartenstine@watsonatesavory.com
tbarry@watsonatesavory.com

Substitution Request Number: (To Be Assigned) **11**

From: Jeremiah Price

Date: 9/13/2017

A/E Project Number: 1604

Contract For: Admissions & Visitors Center

Re: Substitution Request for Modified Bituminous Sheet Air Barriers

Specification Title: Modified Bituminous Sheet Air Barriers

Description: Self-Adhering Sheet Air Barrier

Section: 072713 Page: 072713 - 3

Article/Paragraph: 2.3

Proposed Substitution: Sopraseal Stick 1100T Self-Adhering Air/Vapor Barrier Membrane

Manufacturer: Soprema Address: Wadsworth, OH Phone: 800-356-3521

Trade Name: Sopraseal Stick 1100T Model No.: _____

Installer: TBD Address: _____ Phone: _____

History: New product 2-5 years old 5-10 yrs old More than 10 years old

Differences between proposed substitution and specified product:

None - Products are very similar

Point-by-point comparative data attached - REQUIRED BY A/E

Reason for not providing specified item:

Equal opportunity to provide a high quality product for this project

Similar Installation:

Project: _____ Architect: _____

Address: _____ Owner: _____

_____ Date Installed: _____

Proposed substitution affects other parts of Work: No Yes; explain _____

Supporting Data Attached: Drawings Product Data Samples Tests Reports _____

**SUBSTITUTION
REQUEST**
(Continued)

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Cost data as stated above is complete. Claims for additional costs related to accepted substitution which may subsequently become apparent are to be waived.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.
- Coordination, installation, and changes in the Work as necessary for accepted substitution will be complete in all respects.

Submitted by: Jeremiah Price

Signed by: *Jeremiah Price*

Firm: Soprema

Address: 310 Quadral Drive

Wadsworth, OH 44281

Telephone: 803-360-8204

Attachments: _____

A/E'S REVIEW AND ACTION

- Substitution approved - Make submittals in accordance with Specification Section 01 33 00.
- Substitution approved as noted - Make submittals in accordance with Specification Section 01 33 00.
- Substitution rejected - Use specified materials.
- Substitution Request received too late - Use specified materials.

Signed by: *[Signature]*

Date: **09.21.2017**

Additional Comments: Contractor Subcontractor Supplier Manufacturer A/E _____

SUBSTITUTION REQUEST

Project: Admissions & Visitors Center; UNC Charlotte
 Arch MEP/FP Struct/Civil/Land
To: Watson Tate Savory, Inc.
c/o Jana Hartenstine AIA /Tommy Barry
jhartenstine@watsonatesavory.com
tbarry@watsonatesavory.com

Substitution Request Number: (To Be Assigned) **12**
From: Jeremiah Price
Date: 9/13/2017
A/E Project Number: 1604
Contract For: Admissions & Visitors Center

Re: Substitution Request for Self-Adhering Sheet Waterproofing

Specification Title: Self-Adhering Sheet Waterproofing Description: Molded Sheet Drainage Panels
Section: 071326 Page: 071326 - 4 Article/Paragraph: 2.4

Proposed Substitution: Sopradrain ECO-Vent
Manufacturer: Soprema Address: Wadsworth, OH Phone: 800-356-3521
Trade Name: Sopradrain ECO-Vent Model No.: _____
Installer: TBD Address: _____ Phone: _____

History: New product 2-5 years old 5-10 yrs old More than 10 years old

Differences between proposed substitution and specified product:

None - Products are very similar

Point-by-point comparative data attached - REQUIRED BY A/E

Reason for not providing specified item:

Equal opportunity to provide a high quality product for this project

Similar Installation:

Project: KMC - Linear Accelerator Architect: _____
Address: 3535 Southern Blvd. Owner: Kettering Network
Kettering, OH 45429 Date Installed: 2013

Proposed substitution affects other parts of Work: No Yes; explain _____

Supporting Data Attached: Drawings Product Data Samples Tests Reports _____

**SUBSTITUTION
REQUEST**
(Continued)

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Cost data as stated above is complete. Claims for additional costs related to accepted substitution which may subsequently become apparent are to be waived.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.
- Coordination, installation, and changes in the Work as necessary for accepted substitution will be complete in all respects.

Submitted by: Jeremiah Price

Signed by:

Jeremiah Price

Firm:

Soprema

Address:

310 Quadral Drive

Wadsworth, OH 44281

Telephone:

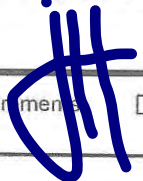
803-360-8204

Attachments:

A/E's REVIEW AND ACTION

- Substitution approved - Make submittals in accordance with Specification Section 01 33 00.
- Substitution approved as noted - Make submittals in accordance with Specification Section 01 33 00.
- Substitution rejected - Use specified materials.
- Substitution Request received too late - Use specified materials.

Signed by:



Date:

09.21.2017

Additional Comments:

Contractor

Subcontractor

Supplier

Manufacturer

A/E

SUBSTITUTION REQUEST

Project: Admissions & Visitors Center; UNC Charlotte
 Arch MEP/FP Struct/Civil/Land

To: Watson Tate Savory, Inc.
c/o Jana Hartenstine AIA /Tommy Barry
jhartenstine@watsonatesavory.com
tbarry@watsonatesavory.com

Substitution Request Number: (To Be Assigned) 1
From: Jeremiah Price
Date: 9/13/2017
A/E Project Number: 1604
Contract For: Admissions & Visitors Center

Re: Substitution Request for Self-Adhering Sheet Waterproofing

Specification Title: Self-Adhering Sheet Waterproofing Description: Modified Bituminous Sheet Waterproofing
Section: 071326 Page: 071326 - 2&3 Article/Paragraph: 2.2

Proposed Substitution: Soprema Colphene 3000 Self-Adhering Sheet Waterproofing
Manufacturer: Soprema Address: Wadsworth, OH Phone: 800-356-3521
Trade Name: Colphene 3000 Model No.: _____
Installer: TBD Address: _____ Phone: _____

History: New product 2-5 years old 5-10 yrs old More than 10 years old

Differences between proposed substitution and specified product:
None - Products are very similar

Point-by-point comparative data attached - REQUIRED BY A/E

Reason for not providing specified item:
Equal opportunity to provide a high quality product for this project

Similar Installation:
Project: KMC - Linear Accelerator Architect: _____
Address: 3535 Southern Blvd. Owner: Kettering Network
Kettering, OH 45429 Date Installed: 2013

Proposed substitution affects other parts of Work: No Yes; explain _____

Supporting Data Attached: Drawings Product Data Samples Tests Reports _____

**SUBSTITUTION
REQUEST**
(Continued)

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Cost data as stated above is complete. Claims for additional costs related to accepted substitution which may subsequently become apparent are to be waived.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.
- Coordination, installation, and changes in the Work as necessary for accepted substitution will be complete in all respects.

Submitted by: Jeremiah Price

Signed by:

Jeremiah Price

Firm:

Soprema

Address:

310 Quadral Drive

Wadsworth, OH 44281

Telephone:

803-360-8204

Attachments:

A/E's REVIEW AND ACTION

- Substitution approved - Make submittals in accordance with Specification Section 01 33 00.
- Substitution approved as noted - Make submittals in accordance with Specification Section 01 33 00.
- Substitution rejected - Use specified materials.
- Substitution Request received too late - Use specified materials.

Signed by:

Date: **09.21.2017**

Additional Comments:

Contractor Subcontractor Supplier Manufacturer A/E _____

SUBSTITUTION REQUEST

Project: Admissions & Visitors Center; UNC Charlotte

Arch MEP/FP Struct/Civil/Land

To: Watson Tate Savory, Inc.

c/o Jana Hartenstine AIA /Tommy Barry
jhartenstine@watsonatesavory.com
tbarry@watsonatesavory.com

Substitution Request Number: (To Be Assigned) **14**

From: Jeremiah Price

Date: 9/13/2017

A/E Project Number: 1604

Contract For: Admissions & Visitors Center

Re: Substitution Request for Polyvinyl-Chloride (PVC) Roofing

Specification Title: Polyvinyl-Chloride (PVC) Roofing

Description: PVC Membrane Roofing

Section: 075419 Page: 075419 - 4&5

Article/Paragraph: 2.1

Proposed Substitution: Sentinel P150 HFB 60 Mil Fleeceback PVC Membrane

Manufacturer: Soprema Address: Wadsworth, OH Phone: 800-356-3521

Trade Name: Sentinel P150 HFB 60 Mil PVC Model No.: _____

Installer: TBD Address: _____ Phone: _____

History: New product 2-5 years old 5-10 yrs old More than 10 years old

Differences between proposed substitution and specified product:

Sentinel P150 HFB is a polyester reinforced membrane compared to a fiberglass reinforced membrane

Point-by-point comparative data attached - REQUIRED BY A/E

Reason for not providing specified item:

Equal opportunity to provide a high quality product for this project

Similar Installation:

Project: _____ Architect: _____

Address: _____ Owner: _____

_____ Date Installed: _____

Proposed substitution affects other parts of Work: No Yes; explain _____

Supporting Data Attached: Drawings Product Data Samples Tests Reports _____

**SUBSTITUTION
REQUEST**
(Continued)

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Cost data as stated above is complete. Claims for additional costs related to accepted substitution which may subsequently become apparent are to be waived.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.
- Coordination, installation, and changes in the Work as necessary for accepted substitution will be complete in all respects.

Submitted by: Jeremiah Price

Signed by: *Jeremiah Price*

Firm: Soprema

Address: 310 Quadral Drive

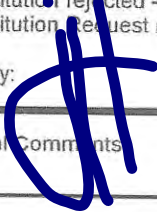
Wadsworth, OH 44281

Telephone: 803-360-8204

Attachments: _____

A/E's REVIEW AND ACTION

- Substitution approved - Make submittals in accordance with Specification Section 01 33 00.
 Substitution approved as noted - Make submittals in accordance with Specification Section 01 33 00.
 Substitution rejected - Use specified materials.
 Substitution request received too late - Use specified materials.

Signed by: 

Date: **09.21.2017**

Additional Comments

Contractor

Subcontractor

Supplier

Manufacturer

A/E



ADMISSIONS & VISITORS CENTER
SC0 ID# 15-12632-02A
University of North Carolina - Charlotte
Charlotte NC, 28223



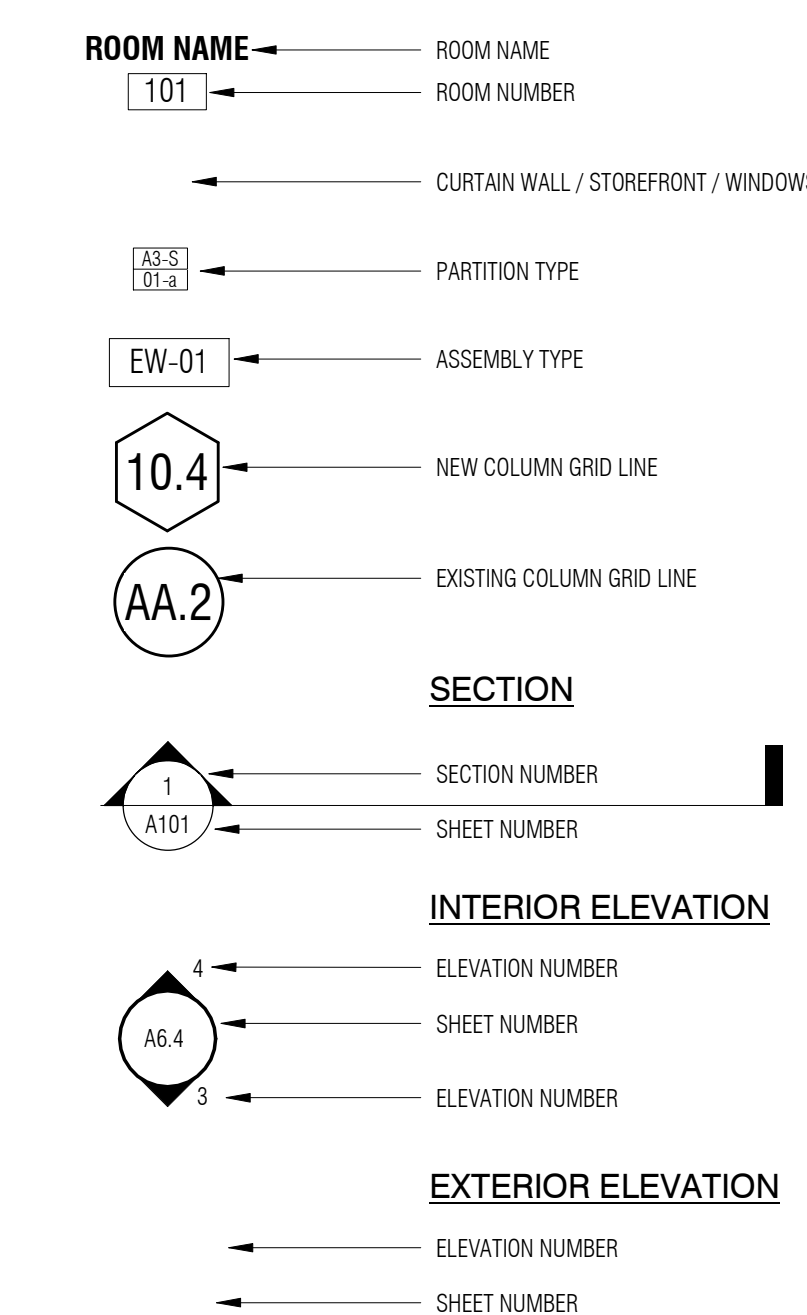
ISSUE DATE:	AUGUST 24, 2107	
PHASE:	BID SET	
#	DATE	REVISION
1	09.21.2017	ADDENDUM 03

DRAWING INDEX,
ABBREVIATIONS
AND SYMBOLS

INDEX OF DRAWINGS:

NO.	SHEET NAME	NO.	SHEET NAME	NO.	SHEET NAME	NO.	SHEET NAME
TITLE		ARCHITECTURAL		MECHANICAL		ELECTRICAL	
T1.0	TITLE SHEET	A0.3	PARTITION TYPE SCHEDULE	A4.6	WALL SECTIONS	E0.1	ELECTRICAL LEGEND, NOTES, AND SCHEDULES
T1.1	DRAWING INDEX, ABBREVIATIONS AND SYMBOLS	A0.4	EXTERIOR ENVELOPE ASSEMBLY TYPE SCHEDULE	A4.10	SECTION DETAILS	E0.2	SITE PLAN - POWER
GENERAL		A0.5	EXTERIOR PROFILES & DETAILS	A4.11	SECTION DETAILS	E0.3	SITE PLAN - LIGHTING
G0.01	CODE REVIEW	A1.0	CONSTRUCTION SITE PLAN AND PROJECT SIGN	A4.20	PLAN DETAILS	E0.4	ELECTRICAL DETAILS
G0.02	UL DETAILS	A1.0A	ARCHITECTURAL REFERENCE SITE PLAN	A4.30	ENLARGED VESTIBULE DETAILS	E0.5	ELECTRICAL DETAILS
G0.03	UL DETAILS	A1.0B	PORCH PLAN & DETAILS	A4.31	ENLARGED VESTIBULE DETAILS	E1.1	FIRST FLOOR PLAN - LIGHTING
G0.04	UL DETAILS	A1.1	REFERENCE PLAN - 1ST FLOOR	A5.1	STOREFRONT & LOUVER ELEVATIONS	E1.2	SECOND FLOOR PLAN - LIGHTING
G0.05	UL DETAILS	A1.1A	FLOOR PLAN - 1ST FLOOR - ENLARGED WEST	A5.2	STOREFRONT DETAILS	E1.3	FLOOR PLAN - LIGHTING
G0.06	UL DETAILS	A1.1B	FLOOR PLAN - 1ST FLOOR - ENLARGED CENTRAL	A5.3	STOREFRONT DETAILS	E2.1	FIRST FLOOR PLAN - POWER
G1.01	LIFE SAFETY PLAN-LEVEL 01	A1.1C	FLOOR PLAN - 1ST FLOOR - ENLARGED EAST	A6.1	STAIR 2 PLANS, SECTIONS & DETAILS	E2.2	SECOND FLOOR PLAN - POWER
G1.02	LIFE SAFETY PLAN-LEVEL 02	A1.1D	EDGE OF SLAB PLAN - FIRST FLOOR	A6.2	STAIR 1 & ELEVATOR PLANS, SECTIONS & DETAILS	E2.3	FLOOR PLAN - POWER
CIVIL		A1.1E	EDGE OF SLAB PLAN - SECOND FLOOR	A6.3	STAIR 1 & ELEVATOR PLANS, SECTIONS & DETAILS	E3.1	FIRST FLOOR PLAN - SPECIAL SYSTEMS
C1.0	EXISTING SURVEY	A1.1F	REFERENCE FLOOR PLAN - 1ST FLOOR	A6.4	STAIR DETAILS	E3.2	SECOND FLOOR PLAN - SPECIAL SYSTEMS
C2.0	DEMOLITION PLAN	A1.1G	REFERENCE FLOOR PLAN - 2ND FLOOR	A7.1	DOOR SCHEDULE	E3.3	FLOOR PLAN - SPECIAL SYSTEMS
C3.0	LAYOUT PLAN	A1.2	FLOOR PLAN - 2ND FLOOR - ENLARGED WEST	A7.2	DOOR DETAILS	E4.1	ENLARGED MECHANICAL/ELECTRICAL ROOMS
C4.0	UTILITY PLAN	A1.2A	FLOOR PLAN - 2ND FLOOR - ENLARGED CENTRAL	A8.0	FINISH SCHEDULE	E5.1	ELECTRICAL DETAILS
C4.1	SANITARY SEWER PLAN AND PROFILE	A1.2B	FLOOR PLAN - 2ND FLOOR - ENLARGED EAST	A8.1	FINISH PLAN - 1ST FLOOR	E5.2	ELECTRICAL DETAILS
C4.2	FIRE ACCESS PLAN	A1.2C	FLOOR PLAN - 2ND FLOOR - ENLARGED EAST	A8.01	MILLWORK DETAILS	E5.3	ELECTRICAL DETAILS
C5.0	GRADING PLAN	A1.3	ROOF PLAN	A8.2	FINISH PLAN - 2ND FLOOR	E5.4	ELECTRICAL DETAILS
C5.1	EROSION CONTROL PLAN	A2.1	REFERENCE REFLECTED CEILING PLAN - 1ST FLOOR	A8.3	ENLARGED TOILET PLANS AND ELEVATIONS	E5.5	ELECTRICAL DETAILS
C6.0	EROSION CONTROL DETAILS	A2.1A	REFLECTED CEILING PLAN - 1ST FLOOR - ENLARGED WEST	A8.4	ENLARGED FLOOR PLANS	E5.6	ELECTRICAL DETAILS
C7.0	SITE DETAILS	A2.1B	REFLECTED CEILING PLAN - 1ST FLOOR - ENLARGED CENTRAL	A8.0	INTERIOR ELEVATIONS	E5.7	ELECTRICAL DETAILS
C8.0	UTILITY DETAILS	A2.1C	REFLECTED CEILING PLAN - 1ST FLOOR - ENLARGED EAST	A8.12	INTERIOR ELEVATIONS	E5.8	MEDIUM VOLTAGE RISER
C9.0	STORM DRAINAGE DETAILS	A2.2	REFERENCE REFLECTED CEILING PLAN - 2ND FLOOR	A8.13	INTERIOR ELEVATIONS	E5.9	POWER RISER
LANDSCAPE		A2.2A	REFLECTED CEILING PLAN - 2ND FLOOR - ENLARGED WEST	A8.14	INTERIOR ELEVATIONS	E5.10	ELECTRICAL SCHEDULES
L1.0	PLANTING PLAN	A2.2B	REFLECTED CEILING PLAN - 2ND FLOOR - ENLARGED CENTRAL	A8.15	INTERIOR ELEVATIONS	E5.11	ELECTRICAL SCHEDULES
STRUCTURAL		A2.2C	REFLECTED CEILING PLAN - 2ND FLOOR - ENLARGED EAST	AA3.01	ADD ALT #3 - FLANKING PORCHES PLANS	TC0.1	TELECOMMUNICATIONS LEGEND, NOTES, AND SCHEDULES
S0.1	STRUCTURAL NOTES	A3.1	EXTERIOR ELEVATIONS	AA3.02	ADD ALT #3 - FLANKING PORCHES ELEVATIONS & SECTIONS	TC1.1	TELECOMMUNICATIONS FIRST FLOOR PLAN
S0.2	SPECIAL INSPECTIONS	A3.2	EXTERIOR ELEVATIONS	AA5.01	ADD ALTERNATE 5a	TC1.2	TELECOMMUNICATIONS SECOND FLOOR PLAN
S1.1	FOUNDATION PLAN	A4.0	BUILDING SECTIONS	AA5.02	ADD ALTERNATE 5b	TC5.1	TELECOMMUNICATIONS DETAILS
S1.2	FOUNDATION DRAIN PLAN	A4.1	WALL SECTIONS	AA5.03	ADD ALTERNATE 5b		
S2.1	SECOND FLOOR FRAMING PLAN	A4.2	WALL SECTIONS	AA5.04	ADD ALTERNATE 5b		
S2.1A	ALTERNATE #03 FRAMING PLAN	A4.3	WALL SECTIONS	AA6.01	ADD ALTERNATES #6, 8 & 9		
S2.2	LOW ROOF FRAMING PLAN	A4.4	WALL SECTIONS	AA7.01	ADD ALTERNATE 7a		
S2.3	HIGH ROOF EAVE FRAMING PLAN	A4.5	WALL SECTIONS	AA7.02	ADD ALTERNATE 7b		
S2.4	HIGH ROOF FRAMING PLAN						
S3.1	TYPICAL FOUNDATION SECTIONS & DETAILS						
S3.2	FOUNDATION SECTIONS						
S4.1	FLOOR FRAMING SECTIONS						
S4.2	FLOOR FRAMING SECTIONS						
S5.1	ROOF FRAMING SECTIONS						
S5.2	ROOF FRAMING SECTIONS						
S6.1	BRACE ELEVATIONS						

SYMBOLS:



ABBREVIATIONS

&	AND	HGT	HEIGHT
@	AT	HYAC	HEATING VENTILATION AIR CONDITIONING
A.F.F.	ABOVE FINISH FLOOR	MATL	MATERIAL
ACT	ACOUSTICAL CEILING TILE	MAX	MAXIMUM
AESS	ARCHITECTURAL EXPOSED STRUCTURAL STEEL	MFG	MANUFACTURER
AWI	AMERICAN WOOD INSTITUTE	MIN	MINIMUM
CFMF	COLD FORMED METAL FRAMING	MTL	METAL
CJ	CONTROL JOINT	NIC	NOT IN CONTRACT
CL	CENTERLINE	NO	NUMBER
CONC	CONCRETE	O.C.	ON CENTER
CPT	CARPET	OD	OVERFLOW DRAIN
DIA	DIAMETER	OH	OPPOSITE HAND
DS	DOWNSPOUT	PT	PAINT
EA	EACH	RCP	REFLECTED CEILING PLAN
EF	EACH FACE	RD	ROOF DRAIN
EIFS	EXTERIOR INSULATION FINISH SYSTEMS	SIM	SIMILAR
EJ	EXPANSION JOINT	SPNK	SPRINKLERED
EQ	EQUAL	T.O.	TOP OF
EW/C	ELECTRICAL WATER COOLER	TBD	TO BE DETERMINED
EXST	EXISTING	TEMP	TEMPORARY
F.O.	FACE OF	TYP.	TYPICAL
FE	FIRE EXTINGUISHER	U.N.O.	UNLESS NOTED OTHERWISE
FEC	FIRE EXTINGUISHER CABINET	VCT	VINYL COMPOSITE TILE
FLU	FLUOROPOLYMER FINISH	w/	WITH
GA	GAUGE	WD	WOOD
GWB	GYPSUM WALL BOARD		

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PARTITION TYPE SCHEDULE

PARTITION NOTES:

- WHERE FIRE TESTS ARE INDICATED IN PARTITION DESCRIPTION, CONFIGURE & INSTALL PARTITION FOR TESTING AGENCY CRITERIA OR OTHER TESTS APPROVED BY LOCAL CODE OFFICIALS. TESTING AGENCY CRITERIA MAY INCLUDE ADDITIONAL COMPONENTS NOT SPECIFICALLY INDICATED ON THIS SCHEDULE OR REFERENCED DETAILS.
- DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS SHALL ESTABLISH LOCATION OF ALL PARTITIONS. LARGER SCALE DRAWINGS HAVE PRIORITY OVER SMALLER SCALE DRAWINGS. CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IN THE DRAWINGS BEFORE PROCEEDING WITH CONSTRUCTION.
- GWB IS 5/8" TYPE X FIRE RATED GYP BD. TYPICAL.
- GWB PARTITION CONTROL JOINTS ARE REQUIRED AT APPROXIMATELY 30'-0" O.C. FOR STRAIGHT & CONTINUOUS WALLS, AT OPENING LOCATIONS, OR AS NOTED OTHERWISE ON DRAWINGS. WHERE NOT SPECIFICALLY INDICATED ON DRAWINGS SUBMIT CONTRACTORS PROPOSED CONTROL JOINT LOCATIONS TO ARCHITECT FOR APPROVAL.
- DO NOT PLACE MECHANICAL AND/OR ELECTRICAL DEVICES BACK TO BACK IN SOUND BARRIER PARTITIONS. ALL DEVICES TO BE PLACED IN SEPARATE STUD SPACES W/ 8" O.C. MIN. SEPARATION.
- DUCT PENETRATIONS THROUGH SOUND BARRIER PARTITIONS TO RECEIVE PERIMETER SOUND SEAL BETWEEN DUCT & WALL FRAMING ON BOTH SIDES OF GYPSUM WALLBOARD LAYER MEETING DUCT SURFACES.
- OUTER LAYER OF ALL INTERIOR GWB PARTITIONS ADJACENT OR EXPOSED TO HUMID CONDITIONS SHALL BE CONSTRUCTED W/ WATER RESISTANT GWB OR EQUAL AS THE SUBSTRATE. PREPARE SUBSTRATE TO RECEIVE SCHEDULED CERAMIC OR STONE TILE. WATER RESISTANT WALL PANELS OR HIGH-PERFORMANCE PAINT FINISHES. HUMID SPACES INCLUDE BUT ARE NOT LIMITED TO TOILET ROOM WALLS, KITCHEN WALLS & WALLS ADJACENT TO WATER FEATURES. USE GLASS-MAT TILE BACKING PANELS AT ALL WALLS IN DIRECT CONTACT WITH WATER, FOR EXAMPLE, SHOWERS, STEAM ROOMS, ETC. U.N.O.
- FINISH ALL EXPOSED GWB CONSTRUCTION. ALL GWB CONSTRUCTION SHALL BE TAPED & FLATTED. ALL EXPOSED CONSTRUCTION SHALL BE Sanded SMOOTH TO REMOVE ALL INDICATION OF THE JOINT w/ A VISUAL INSPECTION & PREPARED TO RECEIVE THE APPROPRIATE SCHEDULED WALL FINISH. FINISH SHALL BE IN ACCORDANCE WITH THE ROOM FINISH SCHEDULE AND/OR FINISH LEVELS NOTED IN THE SPECIFICATIONS.
- PARTITIONS ARE DIMENSIONED TO FACE OF GWB. FACE OF MASONRY & TO FACE OF EXISTING CONSTRUCTION. ANY INTERIOR PARTITIONS DIMENSIONED TO FACE OF METAL STUD ARE NOTED - FOS (FACE OF STUD).
- PERIMETER DIMENSIONS ARE TO FACE OF WALL BELOW SILL U.O.N.
- PROVIDE 0.0312" METAL BLOCKING AS SHOWN OR AS REQUIRED FOR ATTACHMENT OF WALL MOUNTED HARDWARE, TOILET ACCESSORIES, CASEWORK, MILLWORK, FINISH CARPENTRY ETC. AS MAY BE REQUIRED FOR THE SECURE ATTACHMENT OF ADJOINING WORK.
- PROVIDE A 1/4" WIDE SOFT JOINT AT ALL INTERSECTIONS OF INTERIOR PARTITIONS w/ EXTERIOR WALLS. SEE TYPICAL DETAIL.

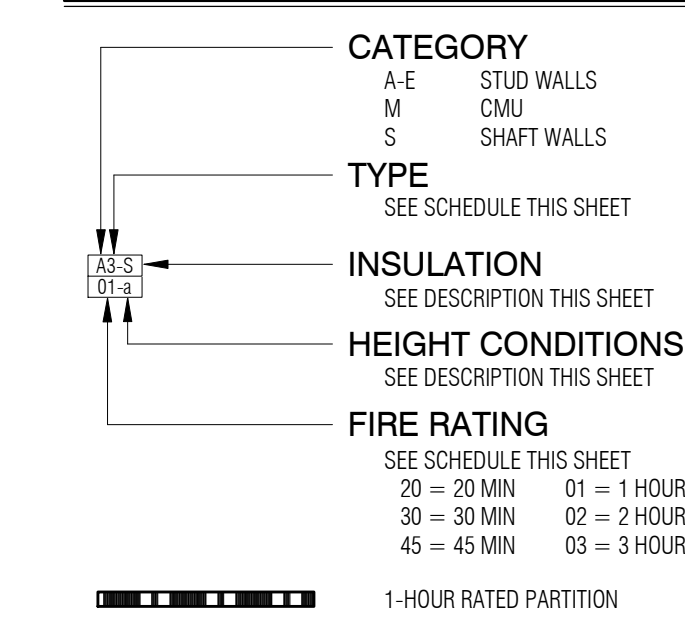
INSULATION NOTES:

- SOUND BARRIER PARTITIONS ARE NOTED AS SUFFIX 'S' AT SOUND BARRIER PARTITIONS. PROVIDE SOUND ATTEN BLANKET AS INDICATED IN THE TABLE BELOW. FILL VOIDS BETWEEN OVERHEAD TRACK & STRUCTURE w/ SOUND ATTENUATION BLANKET & SEAL PERIMETER. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION & REQUIREMENTS.

HEIGHT CONDITIONS:

- PARTITION TO EXTEND TO UNDERSIDE OF STRUCTURE ABOVE (FIRE RATED (BARRIER), NON-RATED & SOUND BARRIER PARTITION ASSEMBLIES)
- PARTITION METAL STUDS TO EXTEND TO STRUCTURE ABOVE. GYPSUM WALLBOARD ON ONE SIDE OF METAL STUD TO EXTEND TO STRUCTURE ABOVE, OPPOSITE SIDE OF METAL STUD GYPSUM WALLBOARD TERMINATES 6" ABOVE HIGHEST ADJACENT CEILING
- SUSPENDED DRYWALL PARTITION FROM STRUCTURAL DECK ABOVE

PARTITION TYPE LEGEND:



M CONCRETE MASONRY UNIT PARTITION. SEE STRUCTURAL FOR REINFORCING

CONSTRUCTION:	M4	M6	M8	M10	M12
STUD SIZE	4"	6"	8"	10"	12"
NOMINAL THICKNESS	4"	6"	8"	10"	12"
LIMITING HEIGHT: 5 PSF LATERAL LOAD L/240 MAX DEFLECTION	REFER TO MANUFACTURER AND SUBMIT DATA				
GWB THICKNESS	5/8"	5/8"	5/8"	5/8"	5/8"
PARTITION THICKNESS (T)	3-5/8"	5-5/8"	7-5/8"	9-5/8"	11-5/8"
ACOUSTICAL:	TYPE S - SEE INSULATION NOTES				
NO INSULATION (STC)	40	40	40	40	40
INSULATION (STC)	49	49	49	49	49
TESTING NO. (USG)					
FIRE RATING:	1-4 HOUR, WHERE INDICATED (SEE PLAN)				
TEST NUMBER (UL DES)	N/A	U906	U906	U906	U906

M TYP. PARTITION DETAIL
3" = 1'-0"

S ONE LAYER OF GYPSUM WALL BOARD APPLIED TO THE FINISH SIDE OF METAL C-H STUDS (SHAFT WALL ASSEMBLY)

CONSTRUCTION:	S2	S4	S6
STUD SIZE	2 1/2"	4"	6"
LIMITING HEIGHT: 5 PSF LATERAL LOAD L/240 MAX DEFLECTION	REFER TO MANUFACTURER AND SUBMIT DATA		
GWB THICKNESS	5/8"	5/8"	5/8"
PARTITION THICKNESS (T)	3 1/8"	4 5/8"	6 5/8"
ACOUSTICAL:	TYPE S - SEE INSULATION NOTES		
NO INSULATION (STC)	N/A	N/A	N/A
INSULATION (STC)	N/A	N/A	N/A
TESTING NO. (USG)	N/A	N/A	N/A
FIRE RATING:	1-HOUR, WHERE INDICATED (SEE PLAN)		
TEST NUMBER (UL DES)	U469	U469	U469

S TYP. PARTITION DETAIL
3" = 1'-0"

B TWO LAYERS OF GYPSUM WALL BOARD APPLIED TO ONE SIDE OF METAL STUDS. ONE LAYER APPLIED TO OPPOSITE SIDE

CONSTRUCTION:	B1	B2	B3	B4	B5
STUD SIZE	2-1/2"	3-5/8"	4"	6"	8"
LIMITING HEIGHT: 5 PSF LATERAL LOAD L/240 MAX DEFLECTION	FOR STUD SIZE (GAGE) AND SPACING, REFER TO MANUFACTURER AND SUBMIT DATA				
GWB THICKNESS	5/8"	5/8"	5/8"	5/8"	5/8"
PARTITION THICKNESS (T)	4-3/8"	5-1/2"	5-7/8"	7-7/8"	9-7/8"
ACOUSTICAL:	TYPE S, T - SEE INSULATION NOTES				
NO INSULATION (STC)	41	41	41	41	41
INSULATION (STC)	50	50	50	50	50
TESTING NO. (USG)					
FIRE RATING:	1-HOUR, WHERE INDICATED (SEE PLAN)				
TEST NUMBER (UL DES)	N/A	U477	U477	U477	U477

B TYP. PARTITION DETAIL
3" = 1'-0"

E TWO LAYERS OF GYPSUM WALL BOARD APPLIED TO ONE SIDE OF METAL STUDS

CONSTRUCTION:	E0	E1	E2	E3	E6	E8	E10
STUD SIZE	0 7/8"	1 5/8"	2 1/2"	3 5/8"	6"	8"	10"
LIMITING HEIGHT: 5 PSF LATERAL LOAD L/240 MAX DEFLECTION	FOR STUD SIZE (GAGE) AND SPACING, REFER TO MANUFACTURER AND SUBMIT DATA						
GWB THICKNESS	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
PARTITION THICKNESS (T)	2 1/8"	2 7/8"	3 3/4"	4 7/8"	7 1/4"	9 1/4"	11 1/4"
ACOUSTICAL:	TYPE S - SEE INSULATION NOTES						
NO INSULATION (STC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
INSULATION (STC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TESTING NO. (USG)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FIRE RATING:	N/A						
TEST NUMBER (UL DES)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

E TYP. PARTITION DETAIL
3" = 1'-0"

D ONE LAYER OF GYPSUM WALL BOARD APPLIED TO ONE SIDE OF METAL STUDS

CONSTRUCTION:	D0	D1	D2	D3	D6	D8	D10
STUD SIZE	0 7/8"	1 5/8"	2 1/2"	3 5/8"	6"	8"	10"
LIMITING HEIGHT: 5 PSF LATERAL LOAD L/240 MAX DEFLECTION	FOR STUD SIZE (GAGE) AND SPACING, REFER TO MANUFACTURER AND SUBMIT DATA						
GWB THICKNESS	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
PARTITION THICKNESS (T)	1 1/2"	2 1/4"	3 1/8"	4 1/4"	6 5/8"	8 5/8"	10 5/8"
ACOUSTICAL:	TYPE S - SEE INSULATION NOTES						
NO INSULATION (STC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
INSULATION (STC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TESTING NO. (USG)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FIRE RATING:	N/A						
TEST NUMBER (UL DES)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

D TYP. PARTITION DETAIL
3" = 1'-0"

C TWO LAYERS OF GYPSUM WALL BOARD APPLIED TO EACH SIDE OF METAL STUDS

CONSTRUCTION:	C2	C3	C6	C8	C10
STUD SIZE	2-1/2"	3-5/8"	6"	8"	10"
LIMITING HEIGHT: 5 PSF LATERAL LOAD L/240 MAX DEFLECTION	FOR STUD SIZE (GAGE) AND SPACING, REFER TO MANUFACTURER AND SUBMIT DATA				
GWB THICKNESS	5/8"	5/8"	5/8"	5/8"	5/8"
PARTITION THICKNESS (T)	5"	6 1/8"	6 1/2"	10 1/2"	12 1/2"
ACOUSTICAL:	TYPE S - SEE INSULATION NOTES				
NO INSULATION (STC)	48	48	48	48	48
INSULATION (STC)	56	56	56	56	56
TESTING NO. (USG)					
FIRE RATING:	1-HOUR, WHERE INDICATED (SEE PLAN)				
TEST NUMBER (UL DES)	U411	U411	U411	U411	U411

C TYP. PARTITION DETAIL
3" = 1'-0"

A ONE LAYER OF GYPSUM WALL BOARD APPLIED TO EACH SIDE OF METAL STUDS

CONSTRUCTION:	A2	A3	A6	A8	A10
STUD SIZE	2-1/2"	3-5/8"	6"	8"	10"
LIMITING HEIGHT: 5 PSF LATERAL LOAD L/240 MAX DEFLECTION	FOR STUD SIZE (GAGE) AND SPACING, REFER TO MANUFACTURER AND SUBMIT DATA				
GWB THICKNESS	5/8"	5/8"	5/8"	5/8"	5/8"
PARTITION THICKNESS (T)	3-3/4"	4-7/8"	7-1/4"	9-1/4"	11-1/4"
ACOUSTICAL:	TYPE S - SEE INSULATION NOTES				
NO INSULATION (STC)	40	40	40	40	40
INSULATION (STC)	49	49	49	49	49
TESTING NO. (USG)					
FIRE RATING:	1-HOUR, WHERE INDICATED (SEE PLAN)				
TEST NUMBER (UL DES)	N/A	U465	U465	U465	U465

A TYP. PARTITION DETAIL
3" = 1'-0"

D2 PARTITION DETAIL - HEIGHT CONDITION B
3" = 1'-0"

C2 PARTITION DETAIL - HEIGHT CONDITION A
3" = 1'-0"

D ONE LAYER OF GYPSUM WALL BOARD APPLIED TO ONE SIDE OF METAL STUDS

E TWO LAYERS OF GYPSUM WALL BOARD APPLIED TO ONE SIDE OF METAL STUDS

B TWO LAYERS OF GYPSUM WALL BOARD APPLIED TO ONE SIDE OF METAL STUDS. ONE LAYER APPLIED TO OPPOSITE SIDE

S ONE LAYER OF GYPSUM WALL BOARD APPLIED TO THE FINISH SIDE OF METAL C-H STUDS (SHAFT WALL ASSEMBLY)

S ONE LAYER OF GYPSUM WALL BOARD APPLIED TO THE FINISH SIDE OF METAL C-H STUDS (SHAFT WALL ASSEMBLY)

S ONE LAYER OF GYPSUM WALL BOARD APPLIED TO THE FINISH SIDE OF METAL C-H STUDS (SHAFT WALL ASSEMBLY)

M CONCRETE MASONRY UNIT PARTITION. SEE STRUCTURAL FOR REINFORCING

M CONCRETE MASONRY UNIT PARTITION. SEE STRUCTURAL FOR REINFORCING

A ONE LAYER OF GYPSUM WALL BOARD APPLIED TO EACH SIDE OF METAL STUDS

A ONE LAYER OF GYPSUM WALL BOARD APPLIED TO EACH SIDE OF METAL STUDS

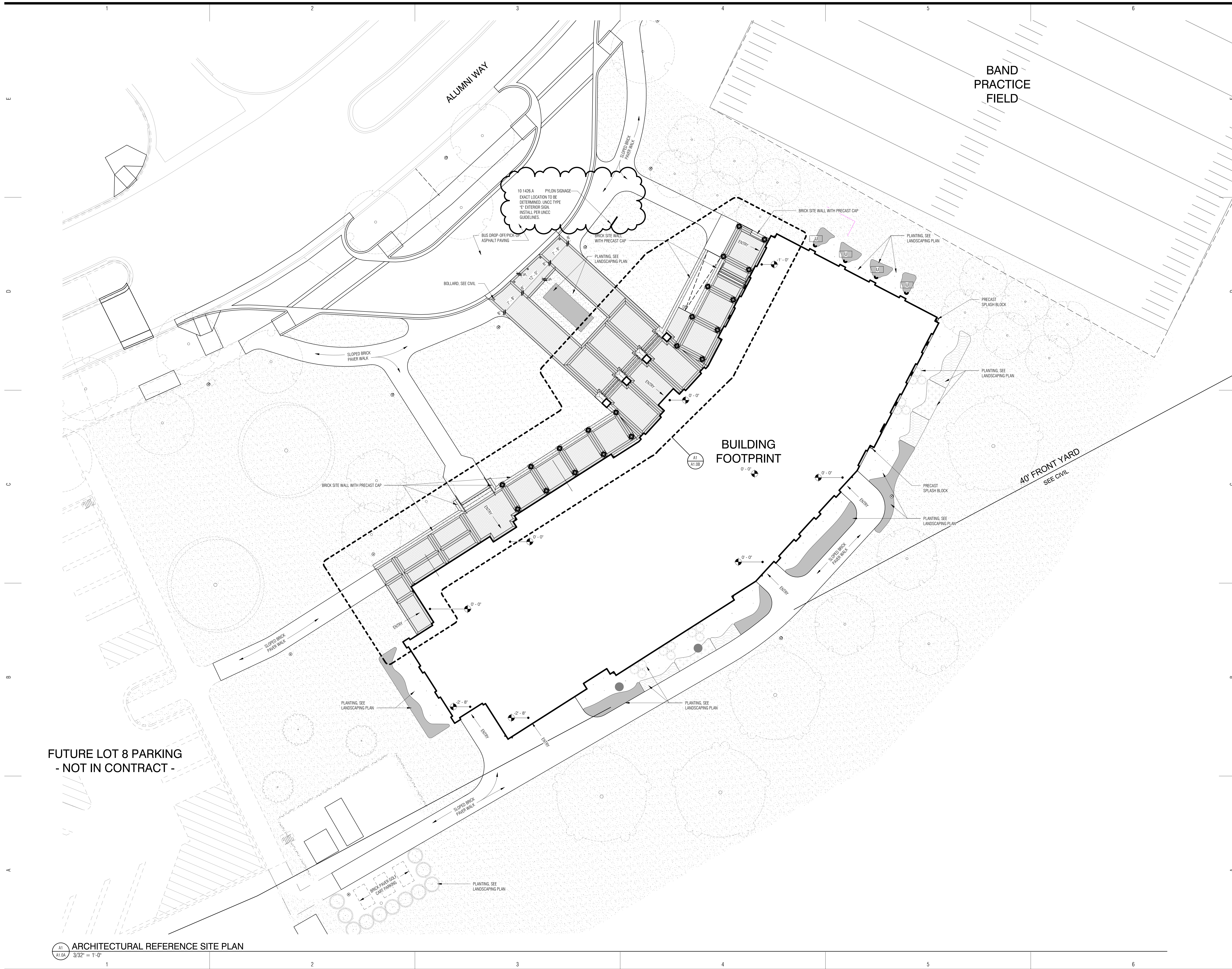
A ONE LAYER OF GYPSUM WALL BOARD APPLIED TO EACH SIDE OF METAL STUDS



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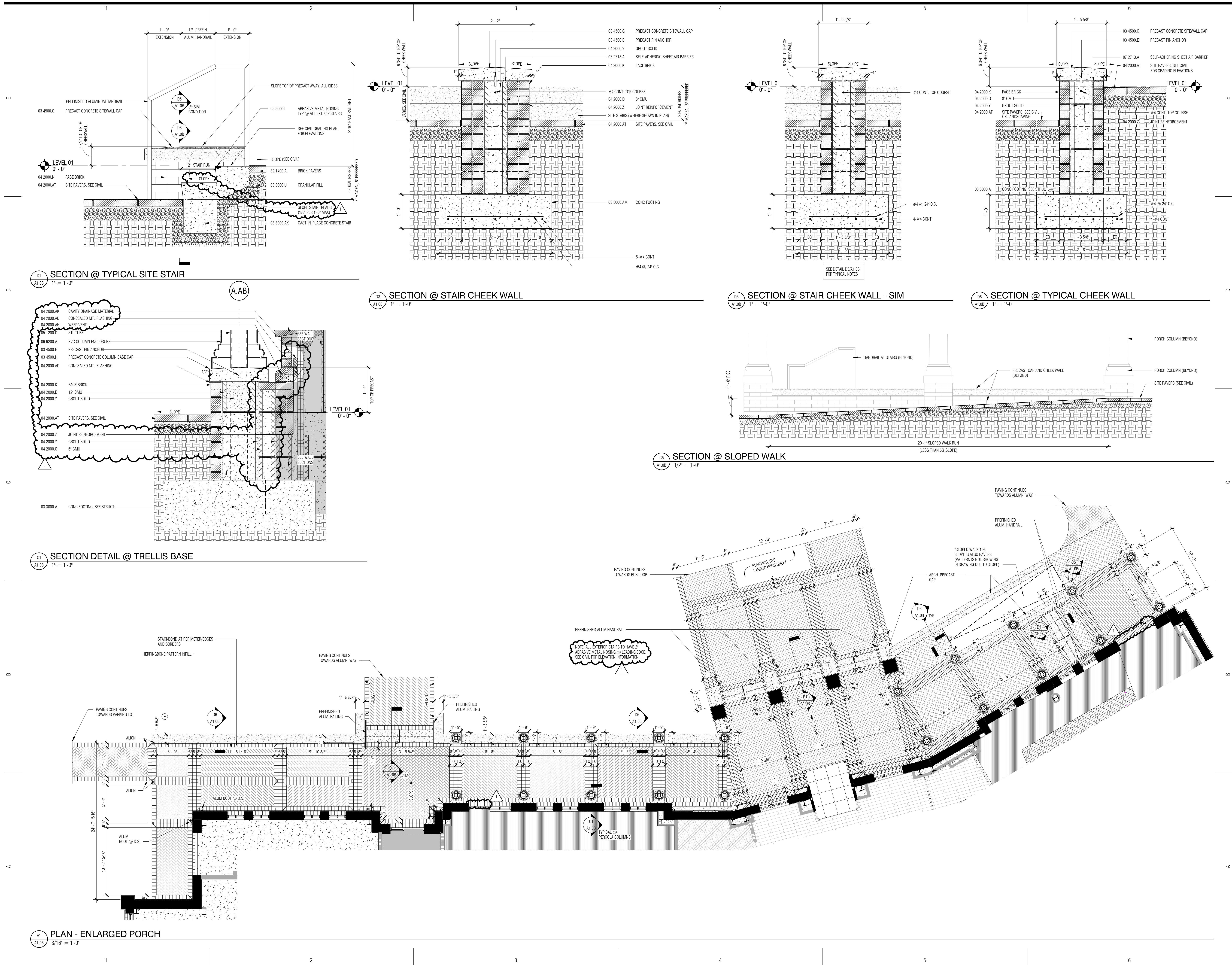
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ARCHITECTURAL
REFERENCE SITE
PLAN



FUTURE LOT 8 PARKING
- NOT IN CONTRACT -

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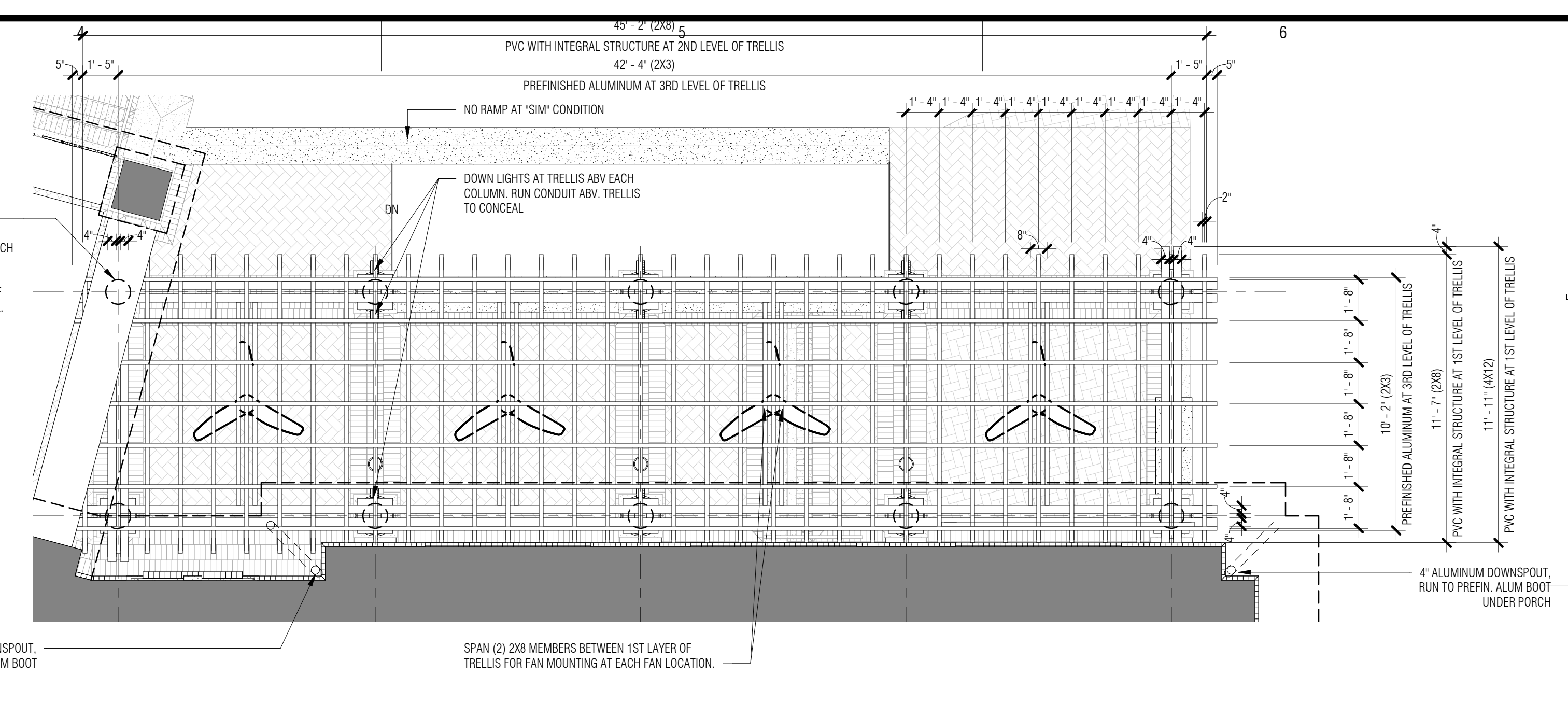


NOTE: ALL EXTERIOR STAIRS TO HAVE 2" ABRASIVE METAL NOSING @ LEADING EDGE. SEE CIVIL FOR ELEVATION INFORMATION.

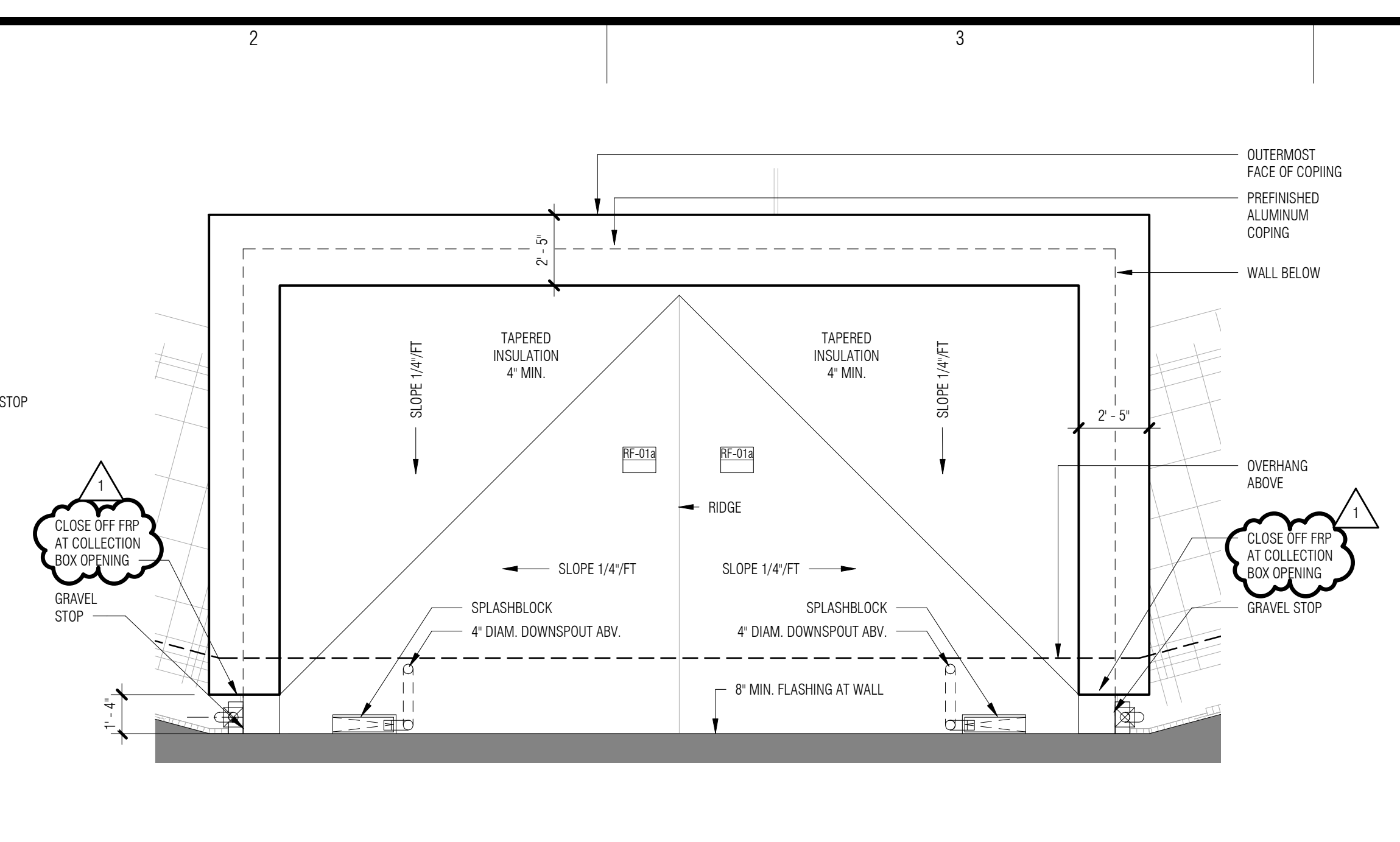
*SLOPED WALK 1:20 SLOPE IS ALSO PAVERS (PATTERN IS NOT SHOWING IN DRAWING DUE TO SLOPE)

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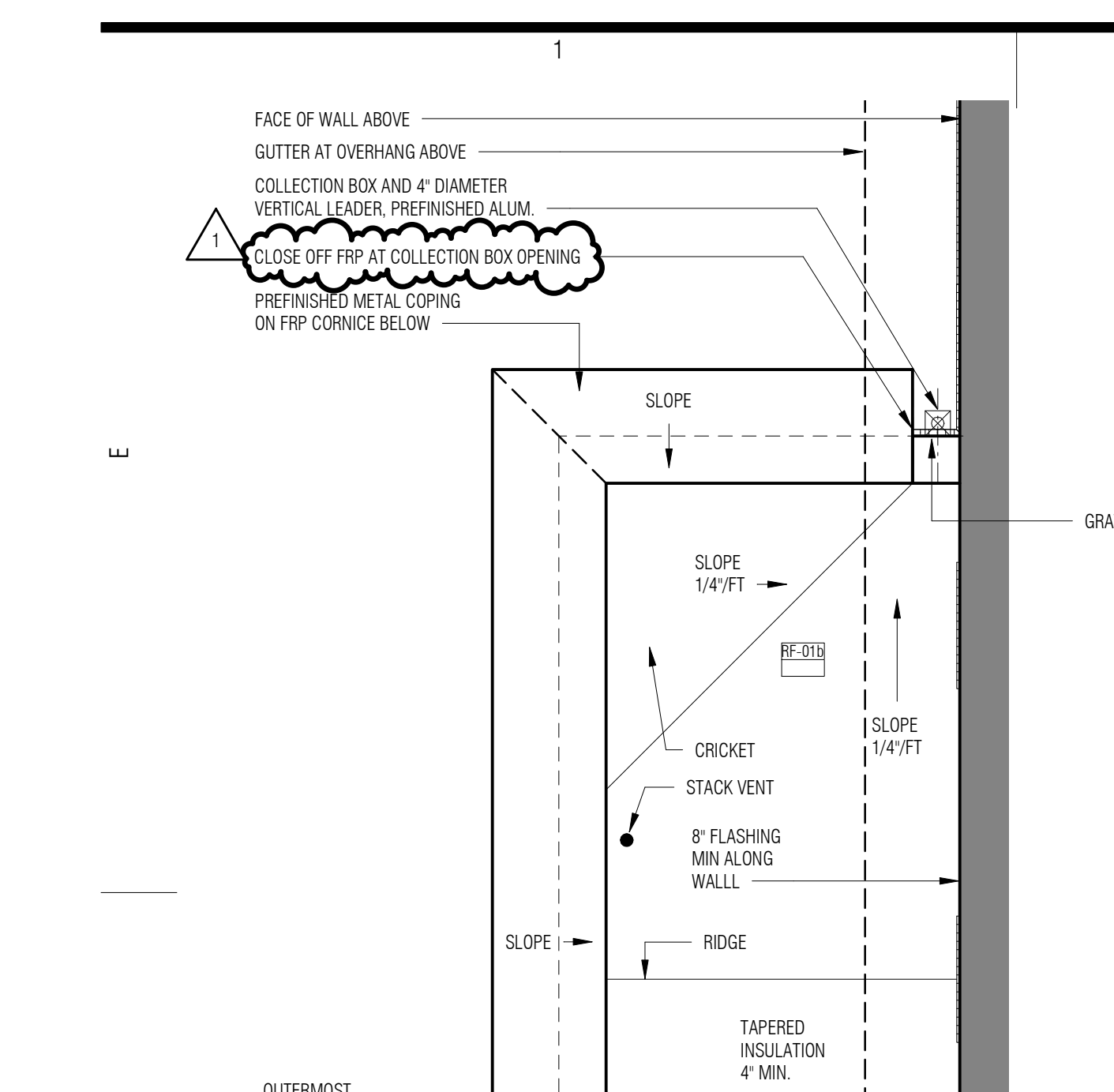
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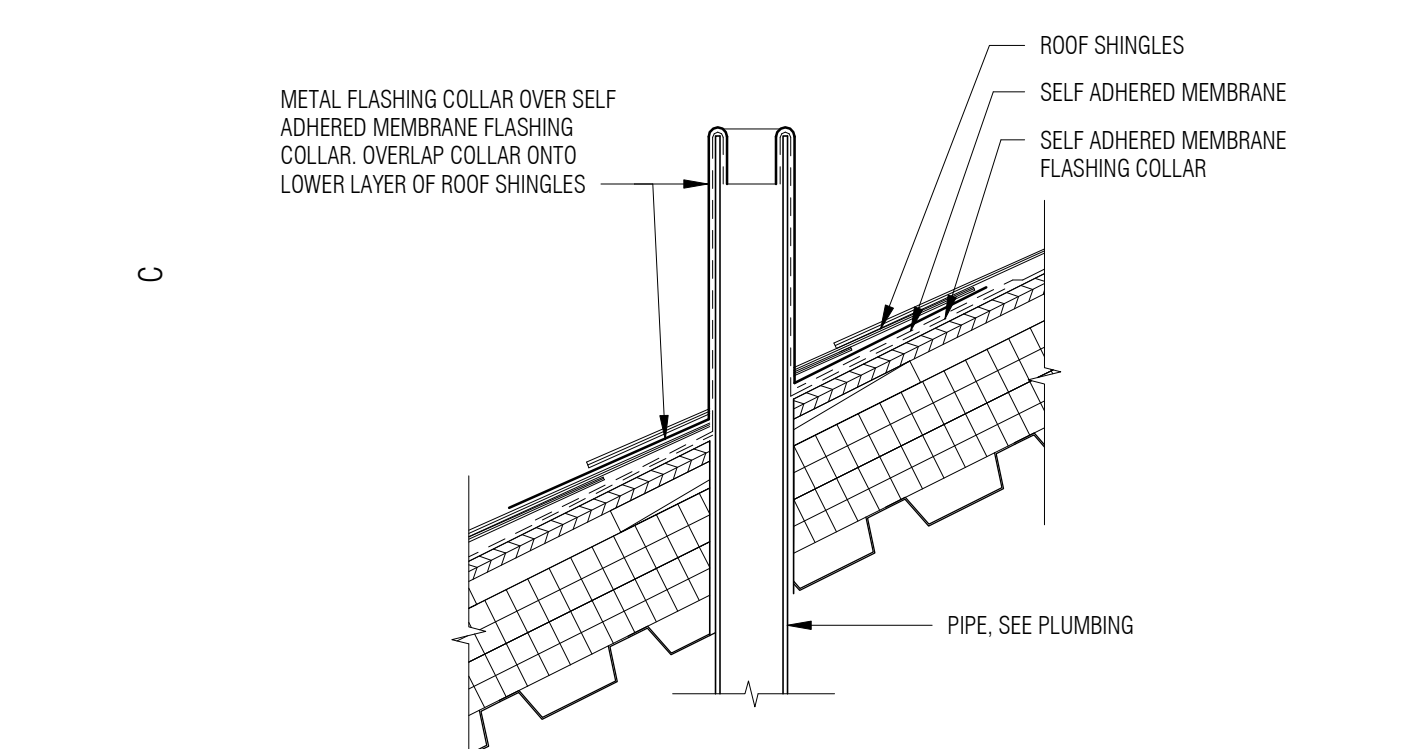
E4 ROOF PLAN - EAST TRELLIS
1/4" = 1'-0"



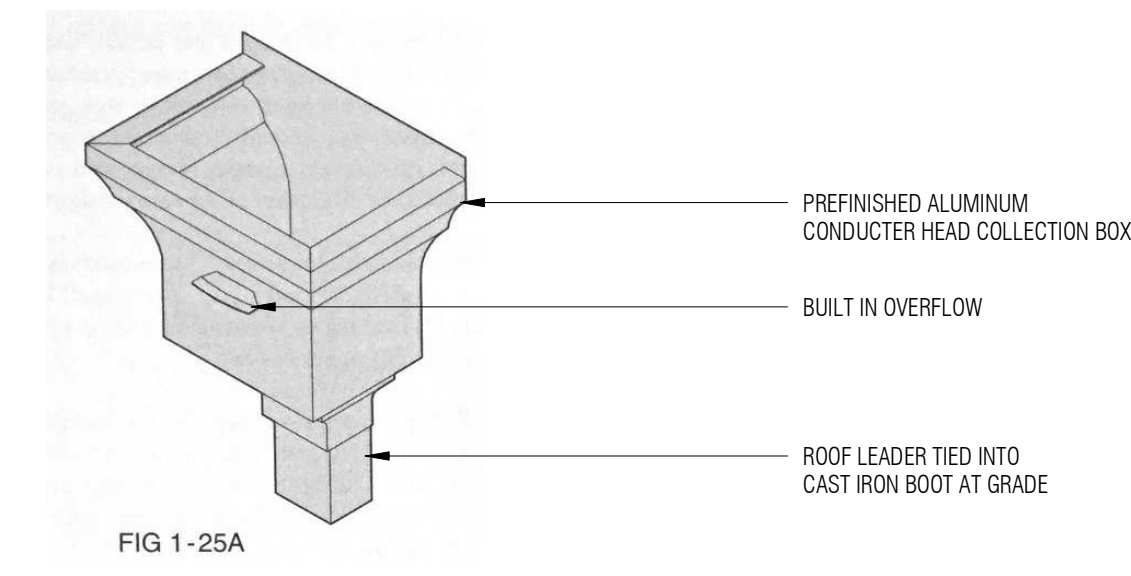
E2 ENLARGED PLAN - ROOF #1A
1/4" = 1'-0"



D1 ENLARGED ROOF PLAN - ROOF #1B
1/4" = 1'-0"

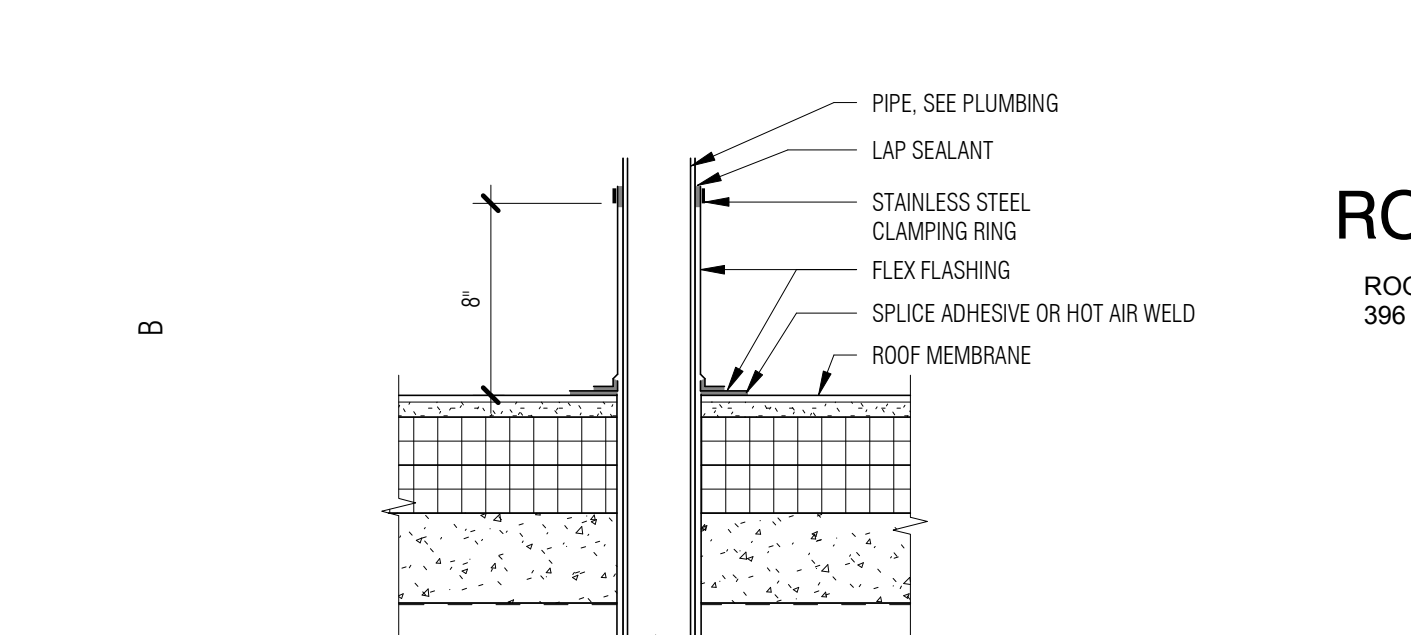


D2 ROOF DETAIL @ INSULATED SCREW CAP
3" = 1'-0"

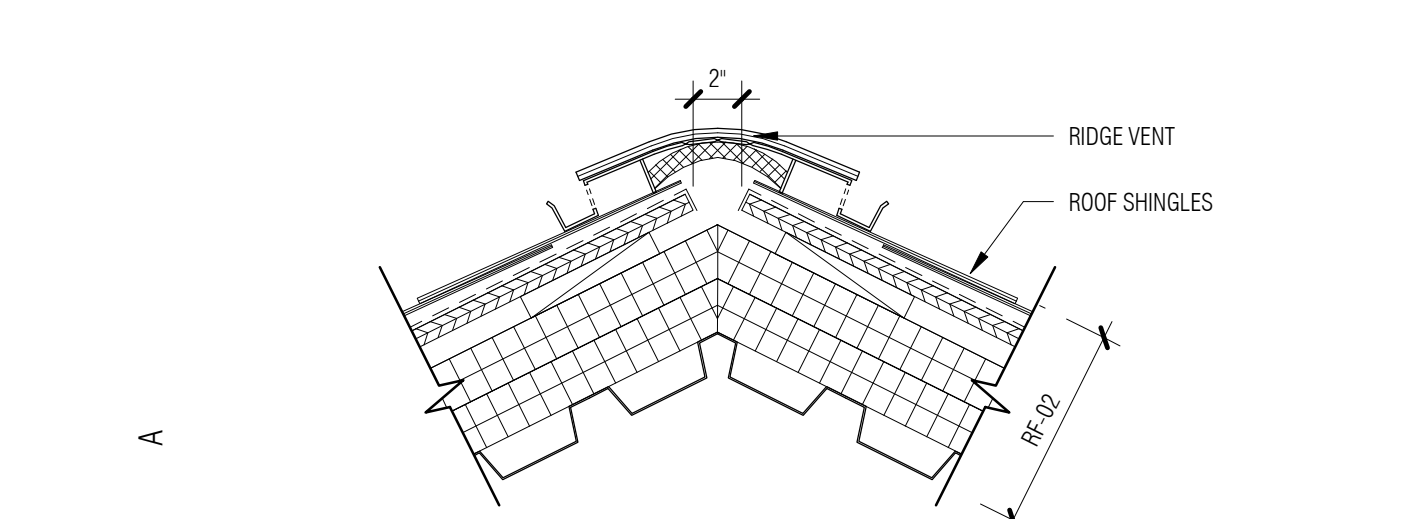


D3 ROOF DETAIL @ COLLECTION BOX
NTS

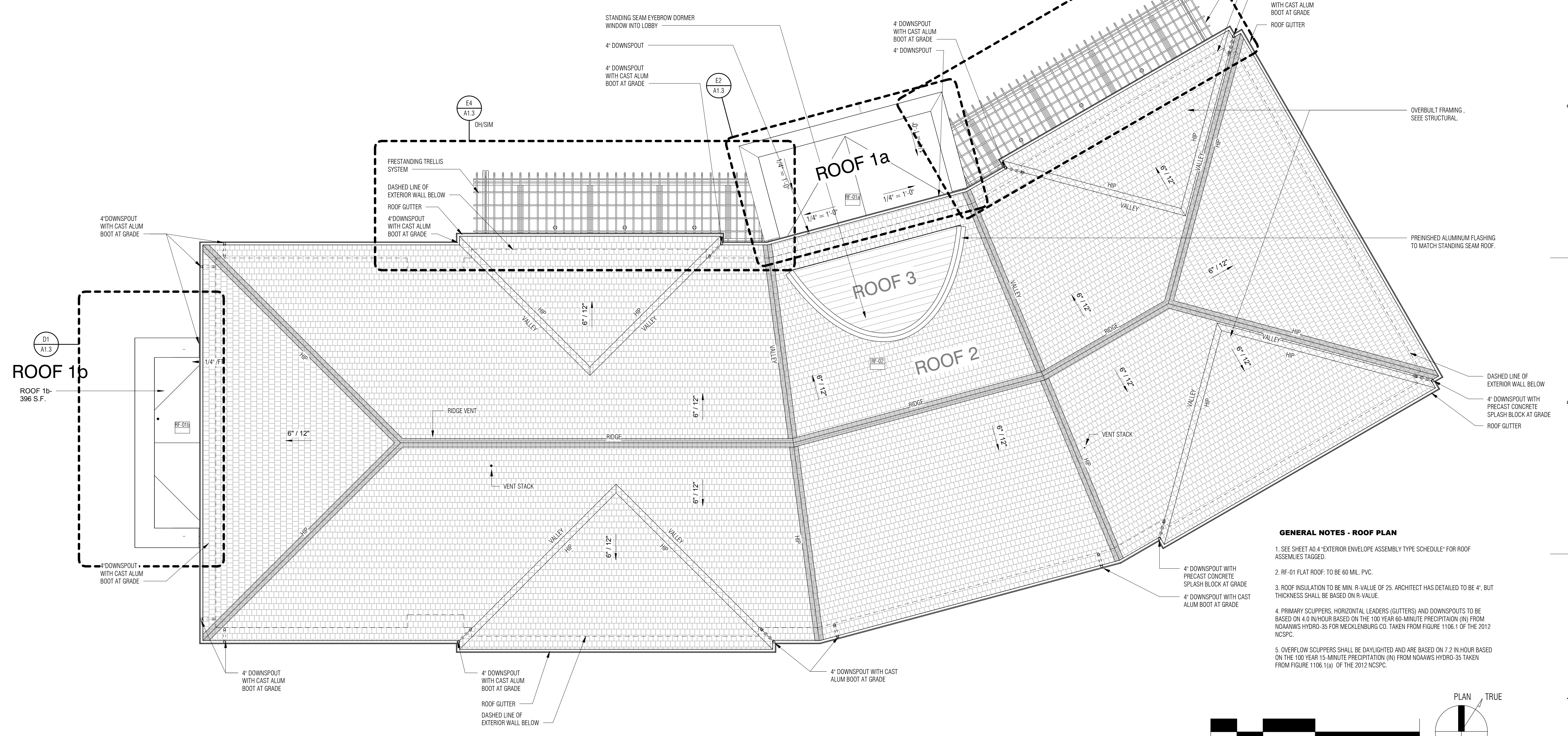
C1 ROOF DETAIL @ PIPE PENETRATION
1 1/2" = 1'-0"



B1 ROOF DETAIL @ PIPE PENETRATION
1 1/2" = 1'-0"

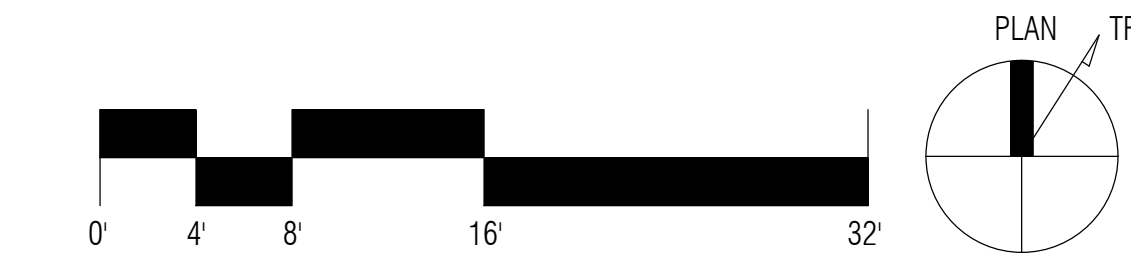


A1 ROOF DETAIL @ RIDGE VENT
1 1/2" = 1'-0"



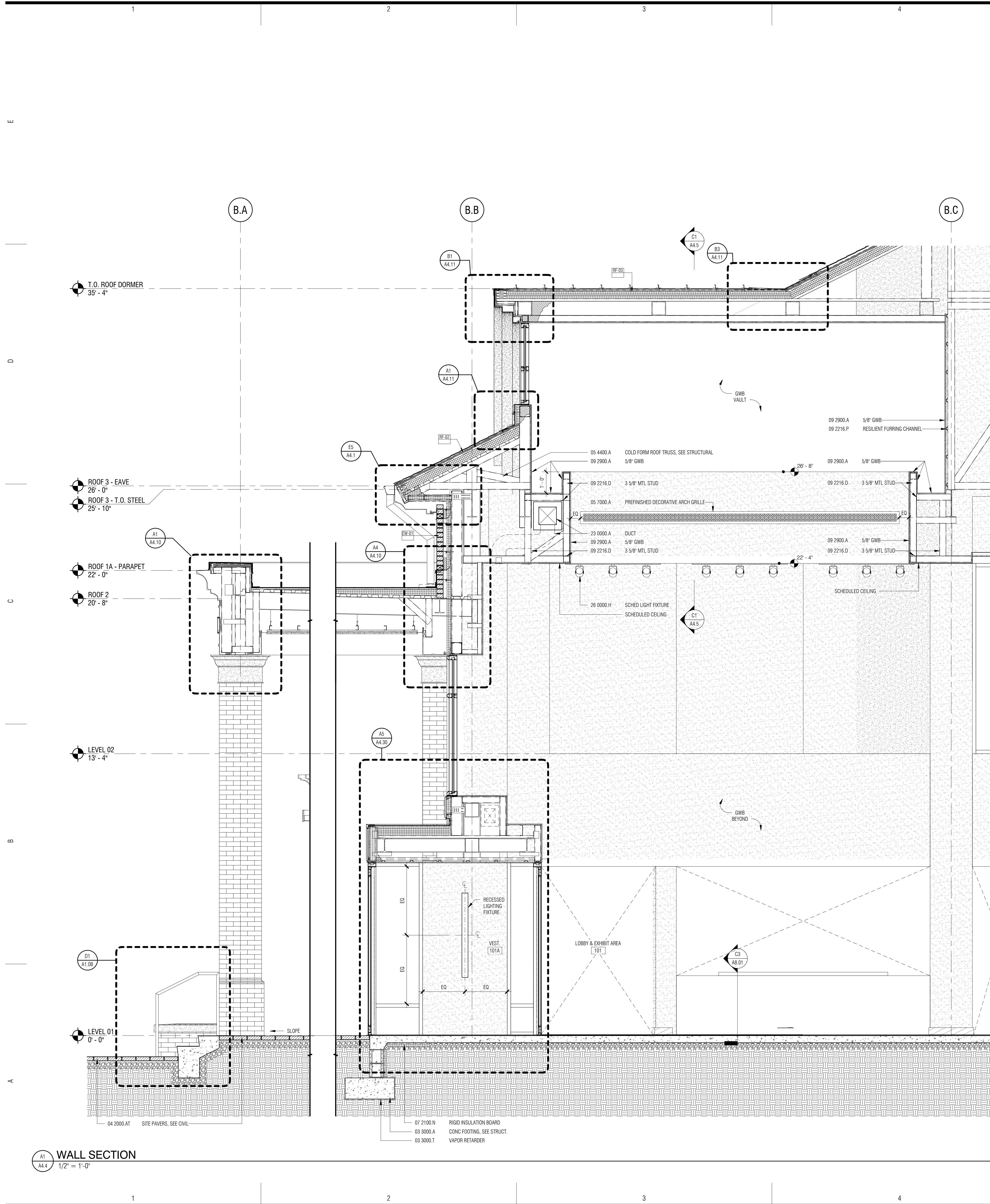
A2 ROOF PLAN
1/8" = 1'-0"

- GENERAL NOTES - ROOF PLAN**
- SEE SHEET A0.4 "EXTERIOR ENVELOPE ASSEMBLY TYPE SCHEDULE" FOR ROOF ASSEMBLIES TAGGED.
 - RF-01 FLAT ROOF: TO BE 60 MIL. PVC.
 - ROOF INSULATION TO BE MIN. R-VALUE OF 25. ARCHITECT HAS DETAILED TO BE 4", BUT THICKNESS SHALL BE BASED ON R-VALUE.
 - PRIMARY SCUPPERS, HORIZONTAL LEADERS (GUTTERS) AND DOWNSPOUTS TO BE BASED ON 4.0 IN/HOUR BASED ON THE 100 YEAR 60-MINUTE PRECIPITATION (IN) FROM NOAA'S HYDRO-35 FOR MECKLENBURG CO. TAKEN FROM FIGURE 1106.1 OF THE 2012 NCSPC.
 - OVERFLOW SCUPPERS SHALL BE DAYLIGHTED AND ARE BASED ON 7.2 IN/HOUR BASED ON THE 100 YEAR 15-MINUTE PRECIPITATION (IN) FROM NOAA'S HYDRO-35 TAKEN FROM FIGURE 1106.1(a) OF THE 2012 NCSPC.

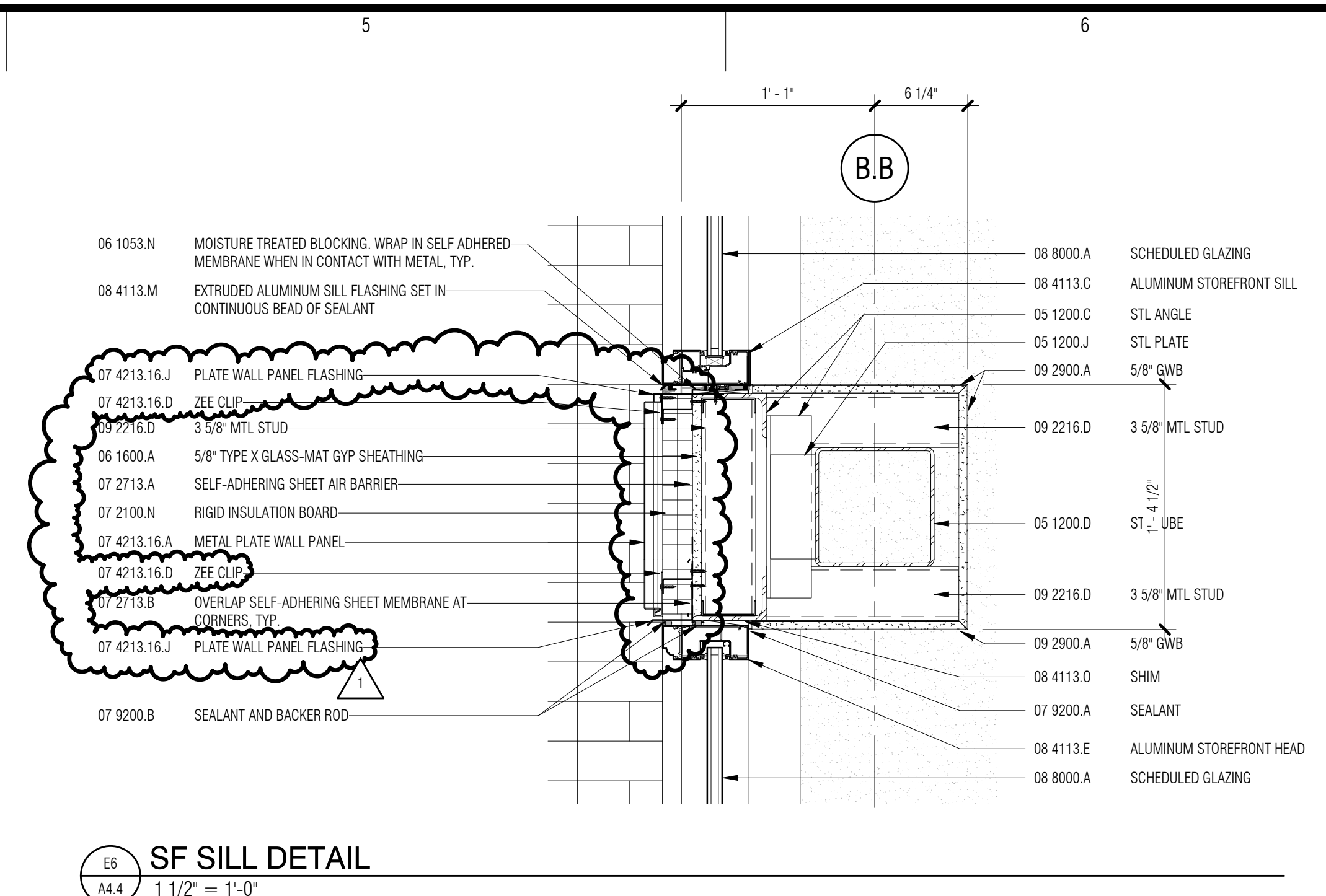




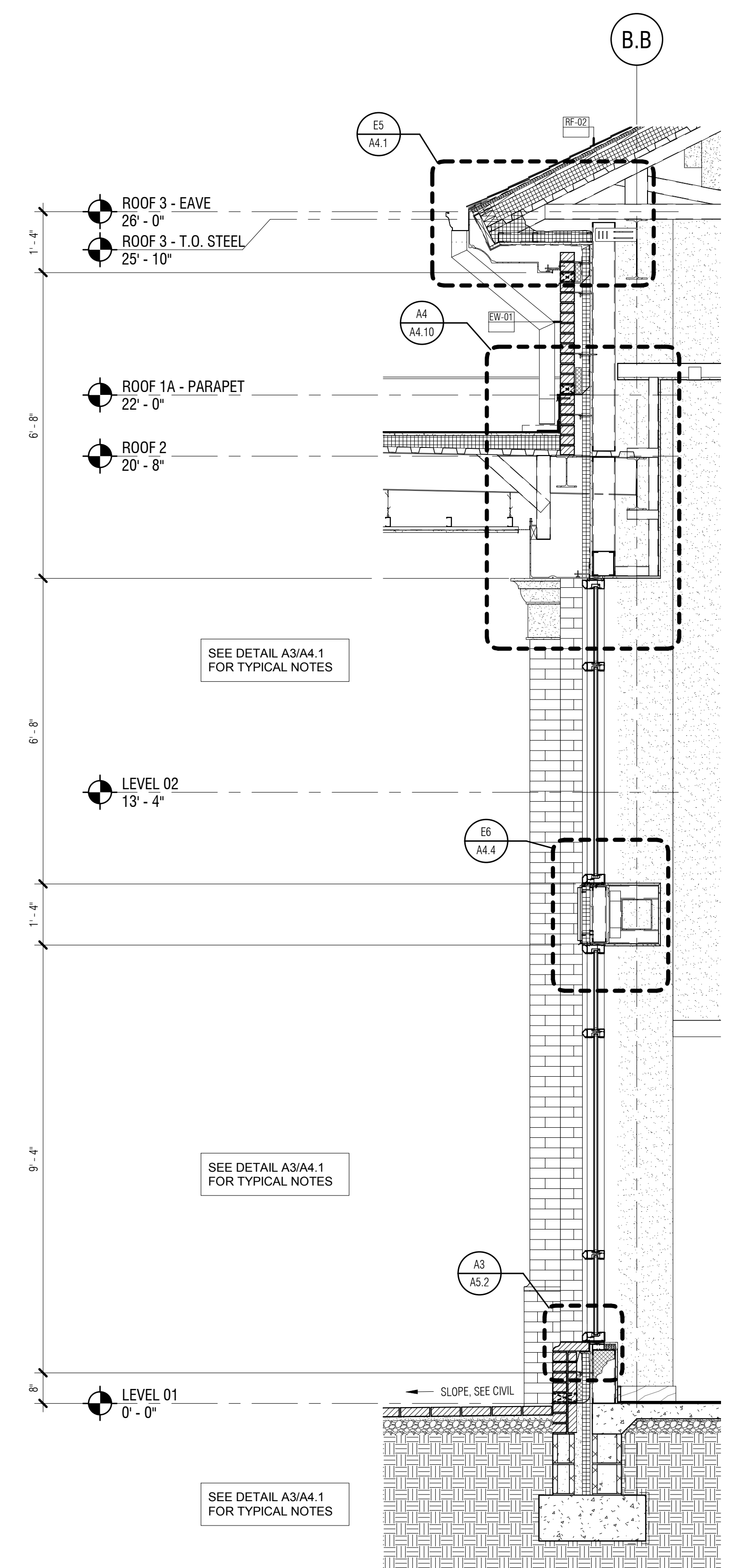
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WALL SECTION
1/2" = 1'-0"



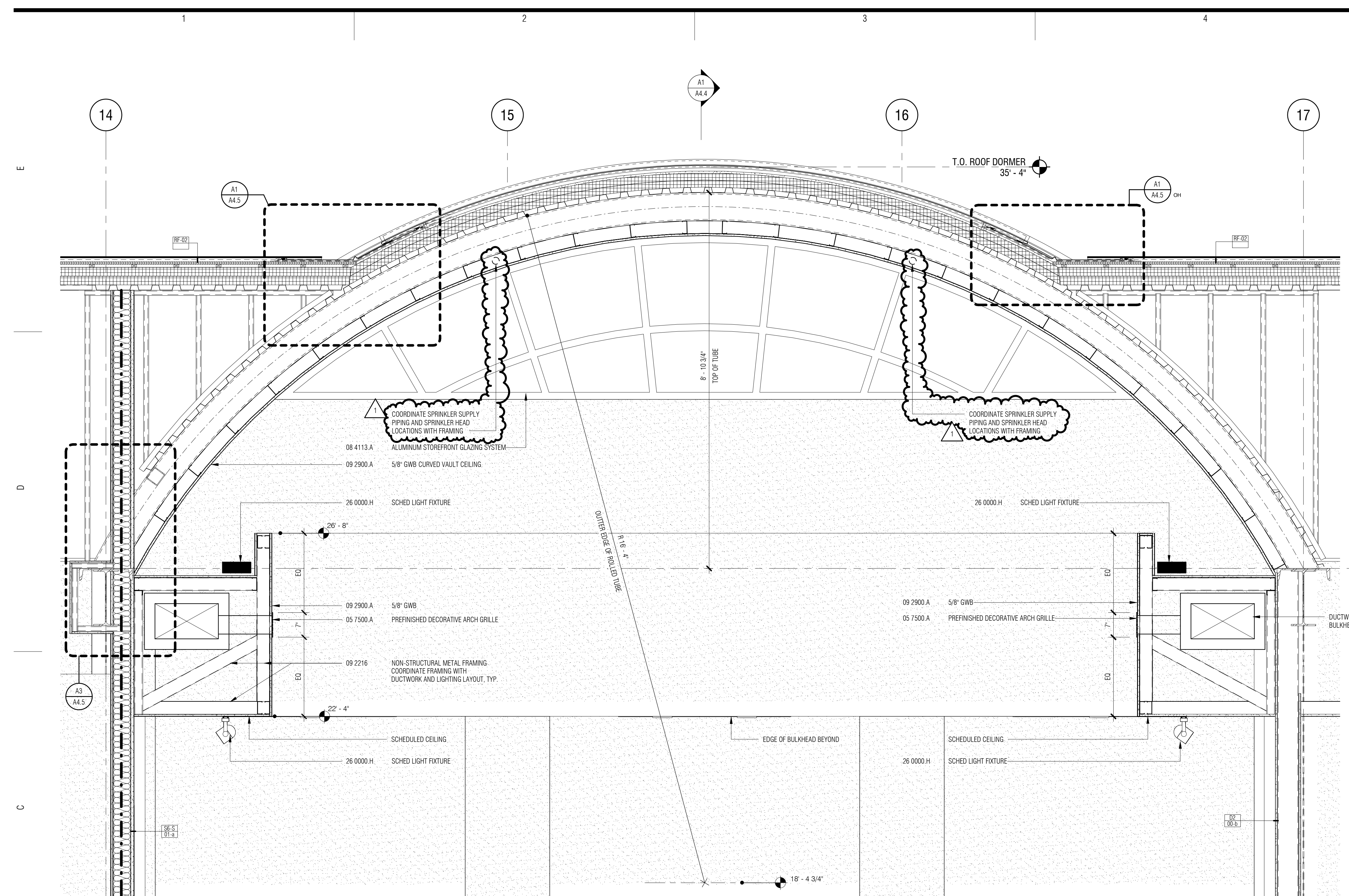
SF SILL DETAIL
1 1/2" = 1'-0"



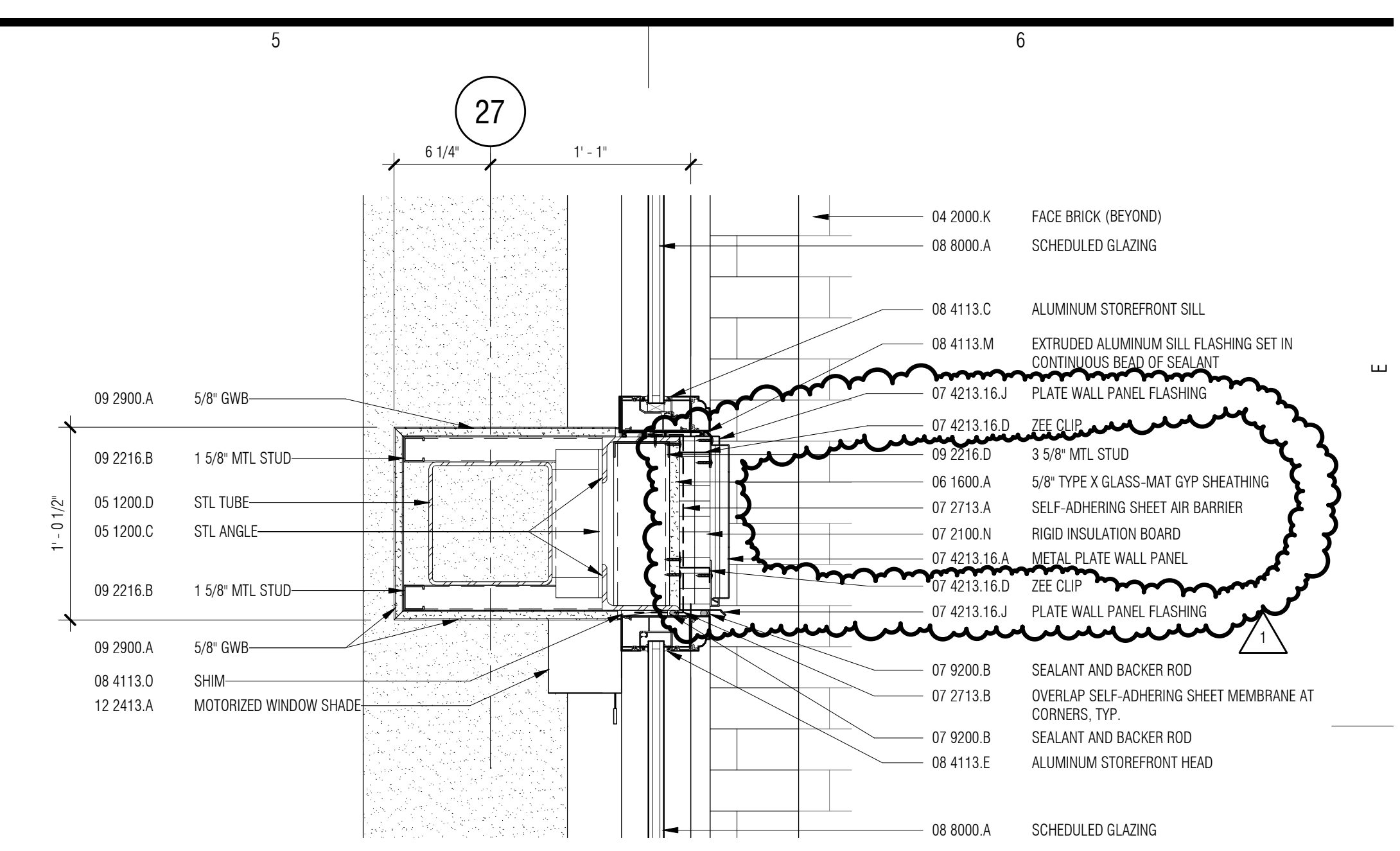
WALL SECTION
1/2" = 1'-0"

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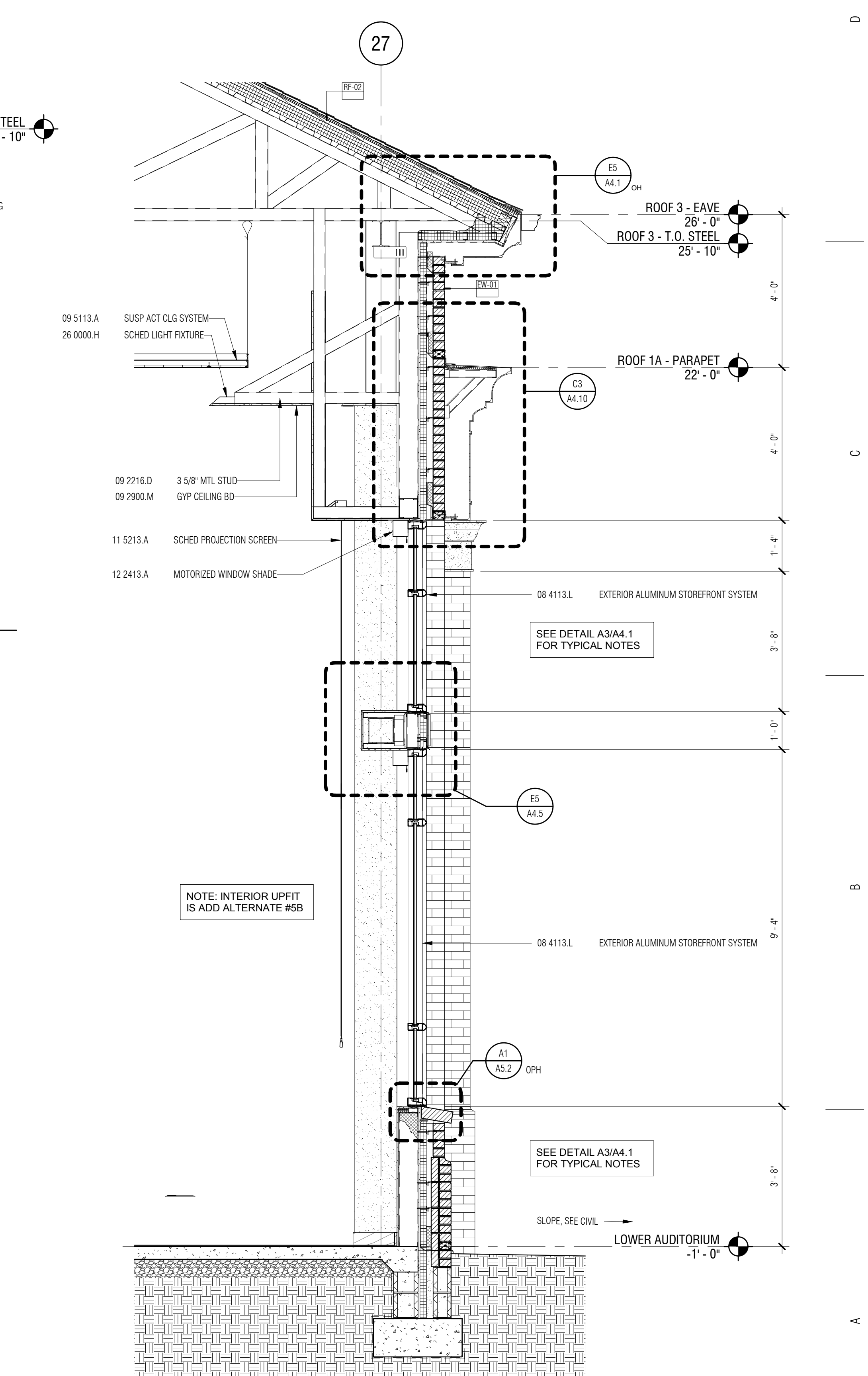
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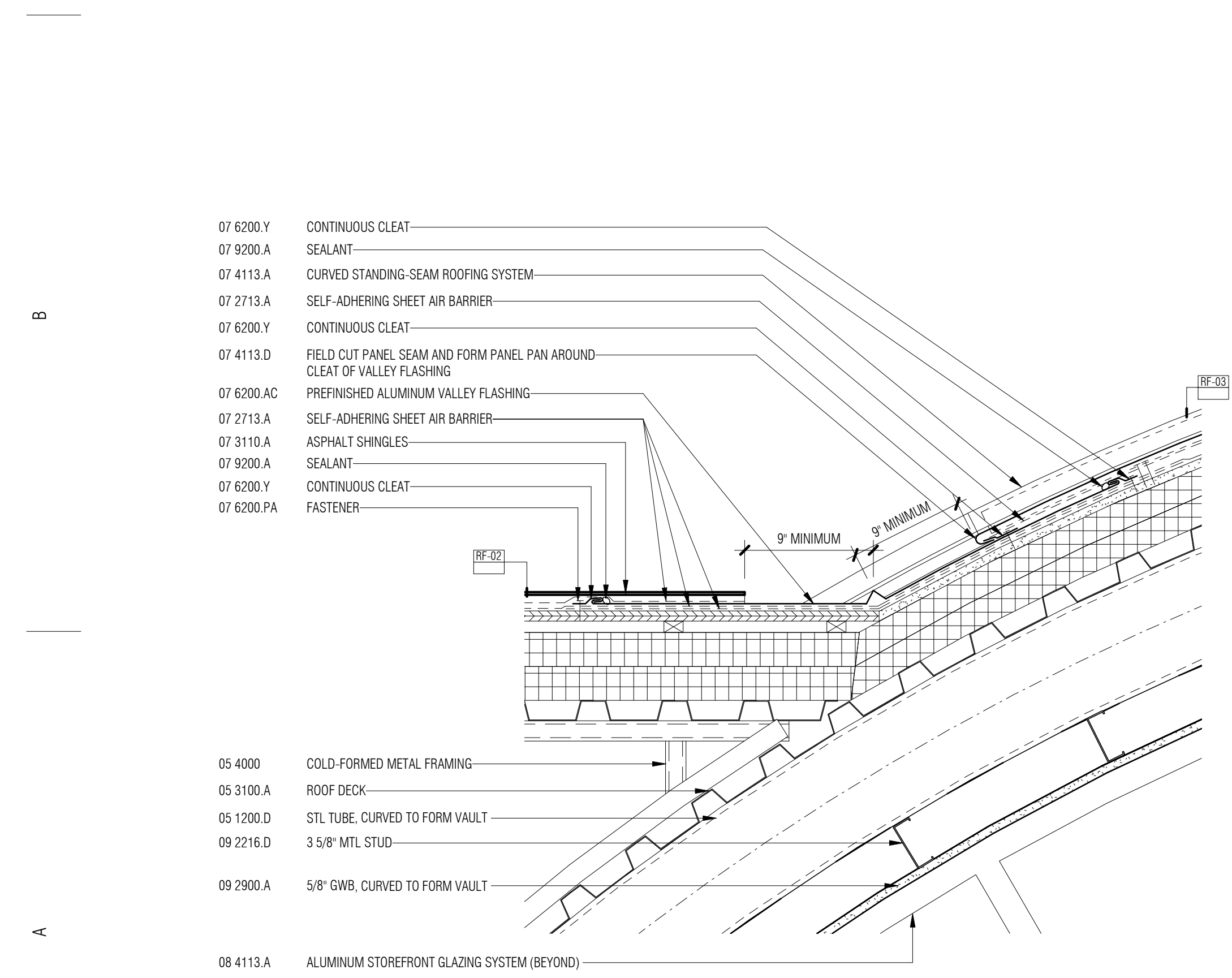
C1
WALL SECTION - LOBBY - EAST-WEST @ DORMER
3/4" = 1'-0"



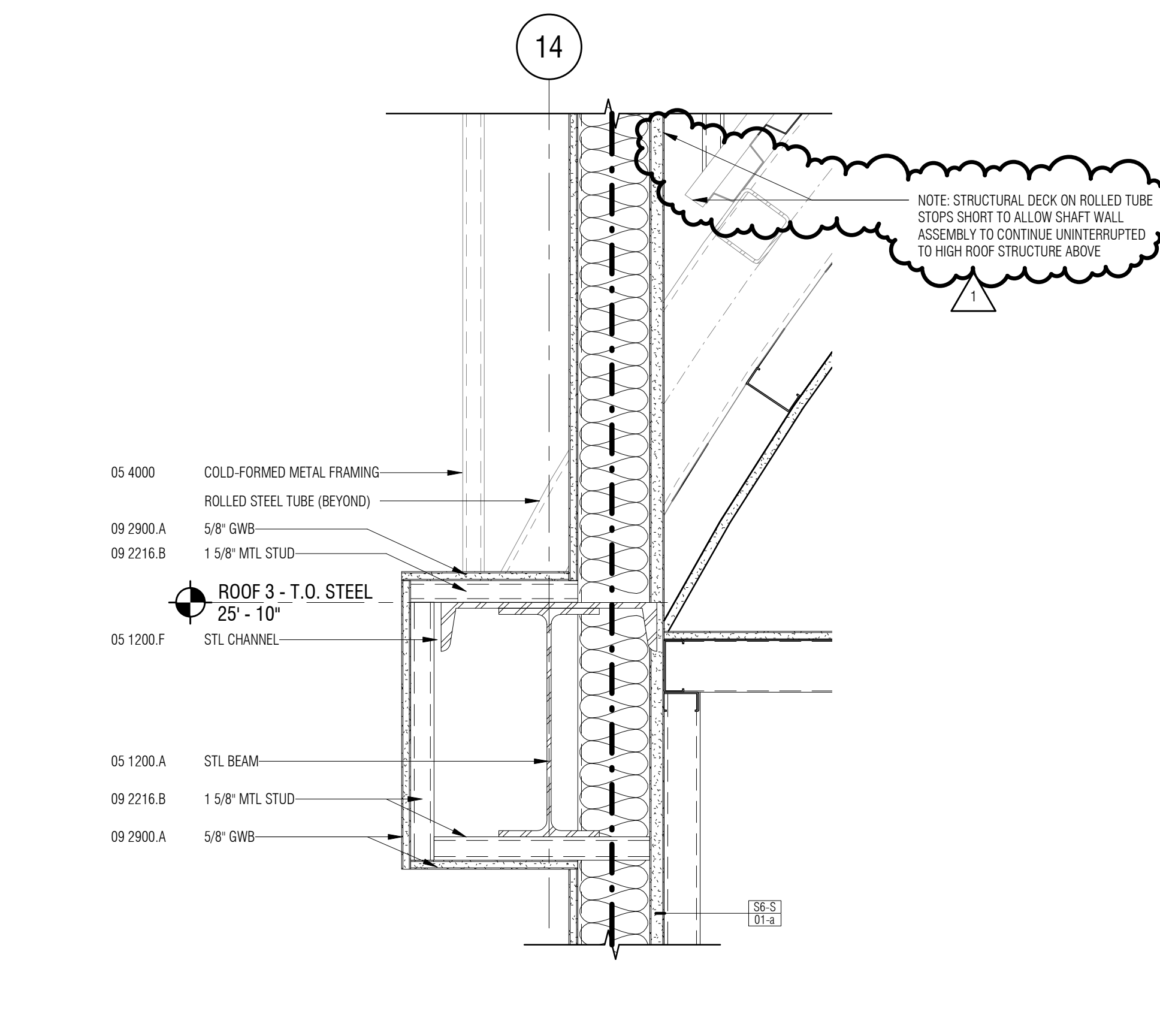
E5
SECTION DETAIL
1 1/2" = 1'-0"



A5
WALL SECTION
1/2" = 1'-0"



A1
SECTION DETAIL
1 1/2" = 1'-0"



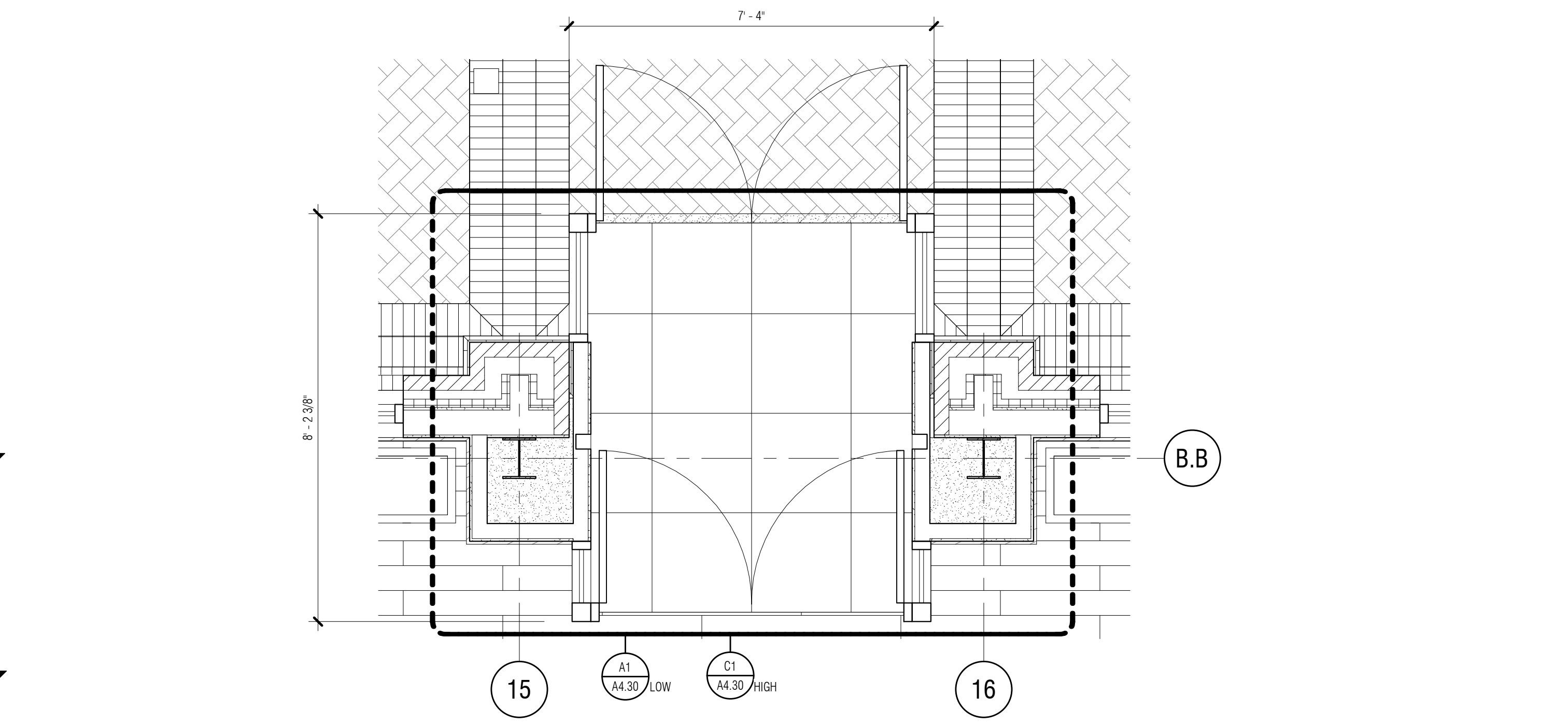
A3
SECTION DETAIL
1 1/2" = 1'-0"



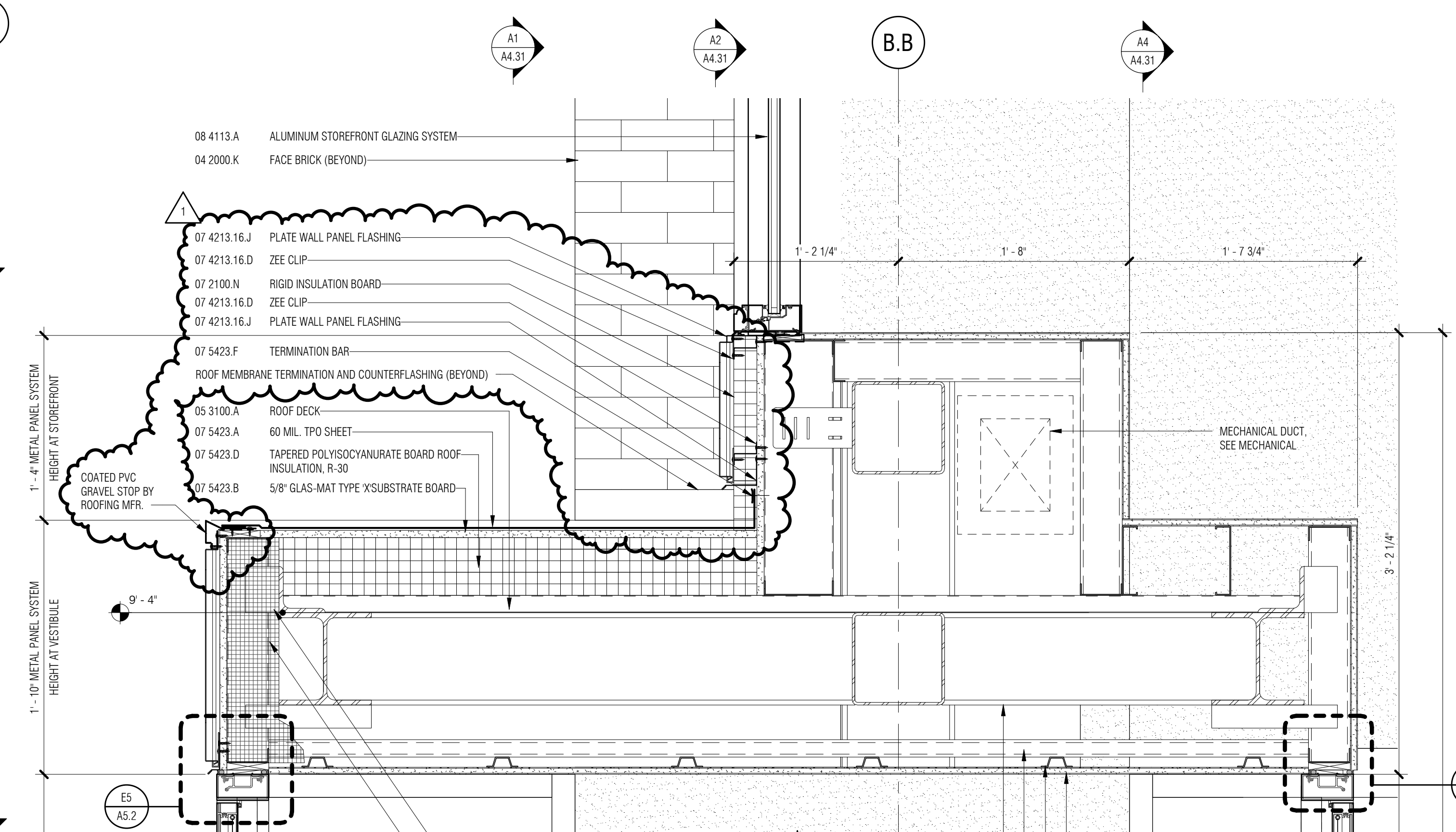
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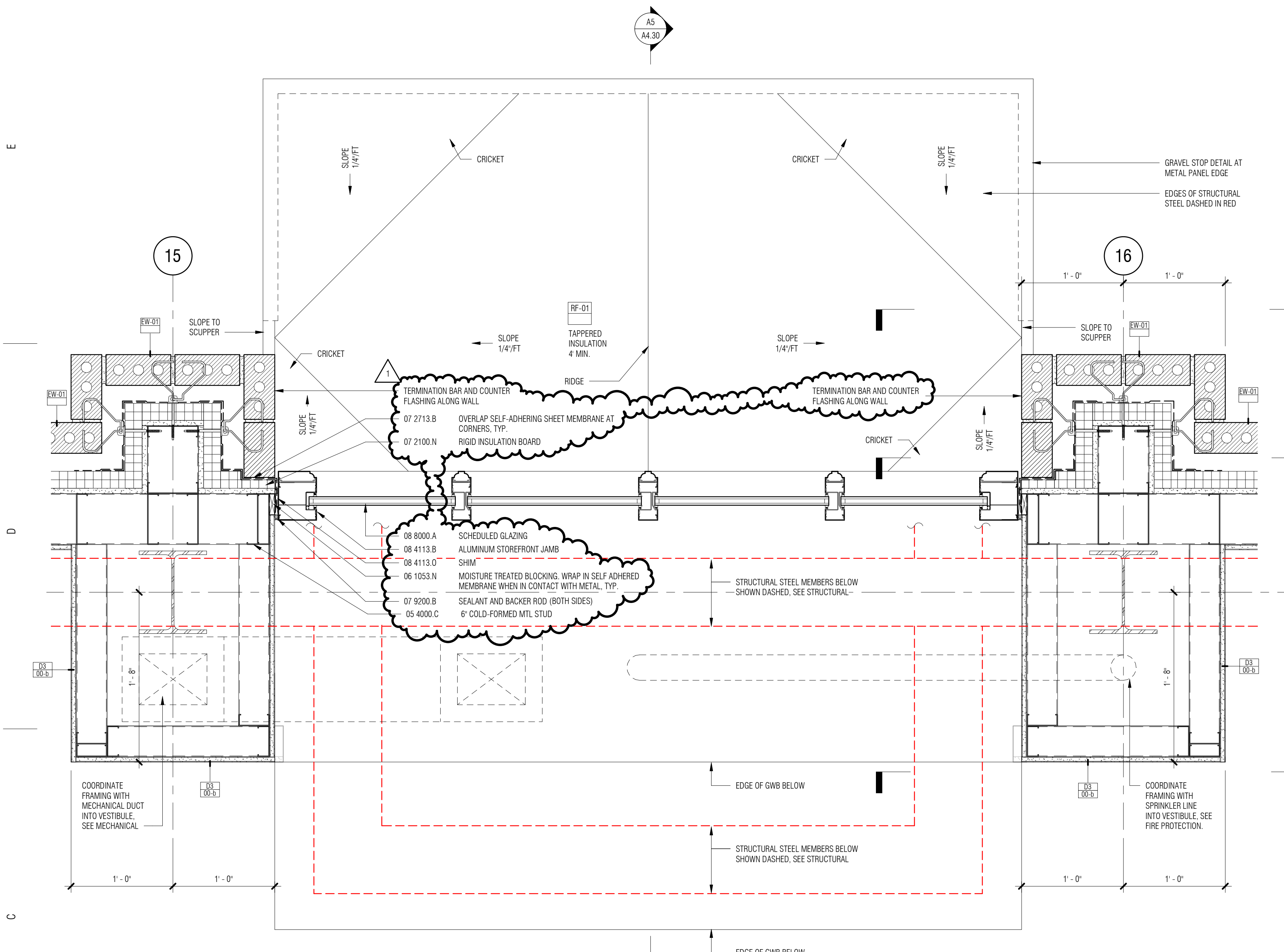
ENLARGED
VESTIBULE
DETAILS



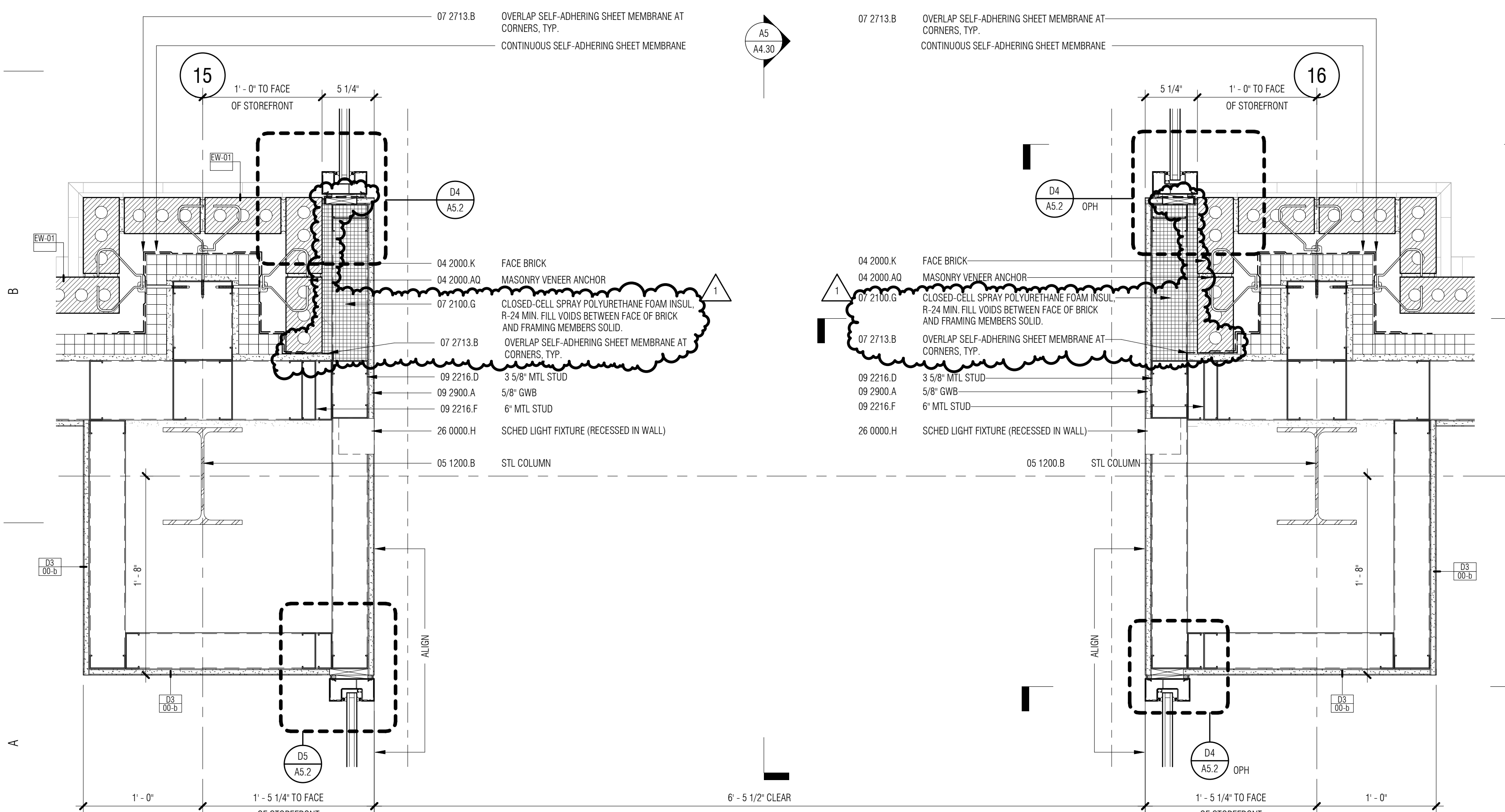
ENLARGED FLOOR PLAN @ VESTIBULE
1/2" = 1'-0"



SECTION DETAIL
1/2" = 1'-0"

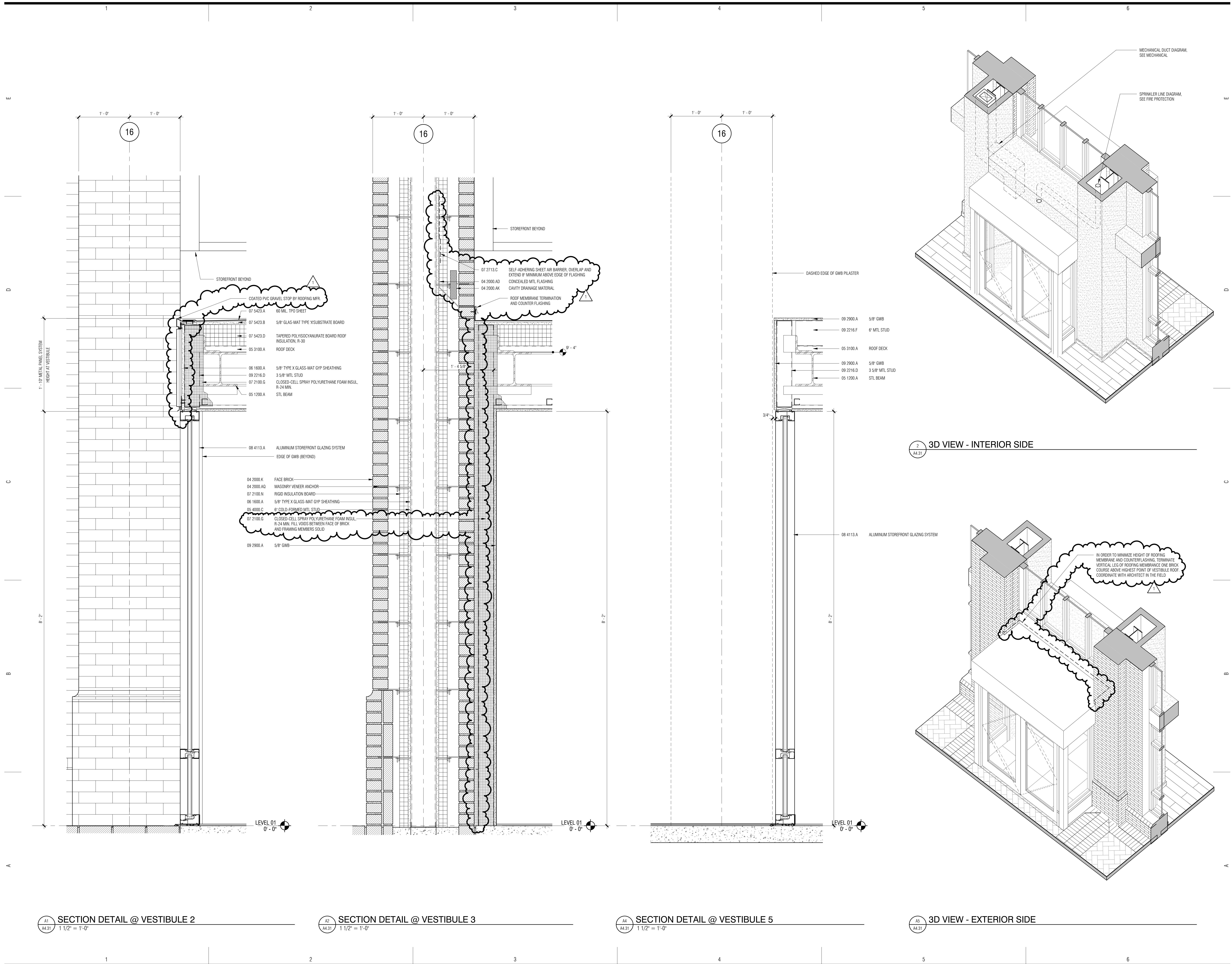


PLAN DETAIL @ VESTIBULE - HIGH
1 1/2" = 1'-0"



PLAN DETAIL @ VESTIBULE - LOW
1 1/2" = 1'-0"

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1	09.21.2017	ADDENDUM 03



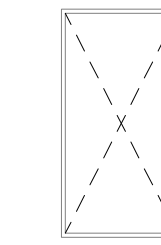
ISSUE DATE: AUGUST 24, 2107
PHASE: BID SET

#	DATE	REVISION
1	08.06.2017	ADDENDUM 01
2	09.21.2017	ADDENDUM 03

STOREFRONT & LOUVER ELEVATIONS

GLAZING TYPE LEGEND:

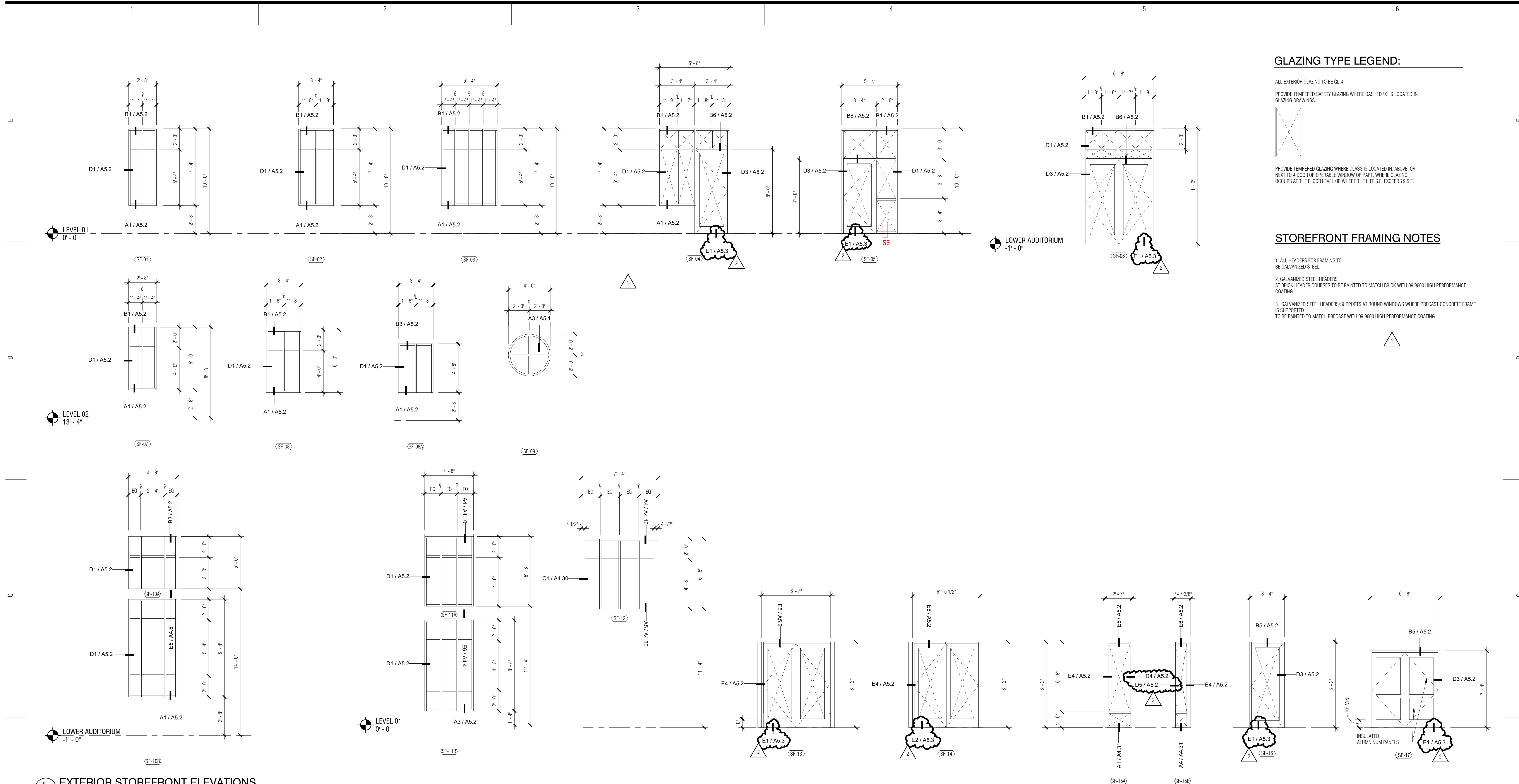
ALL EXTERIOR GLAZING TO BE GL-4
PROVIDE TEMPERED SAFETY GLAZING WHERE DASHED 'X' IS LOCATED IN GLAZING DRAWINGS.



PROVIDE TEMPERED GLAZING WHERE GLASS IS LOCATED IN, ABOVE, OR NEXT TO A DOOR OR OPERABLE WINDOW OR PART, WHERE GLAZING OCCURS AT THE FLOOR LEVEL OR WHERE THE LITE S.F. EXCEEDS 9 S.F.

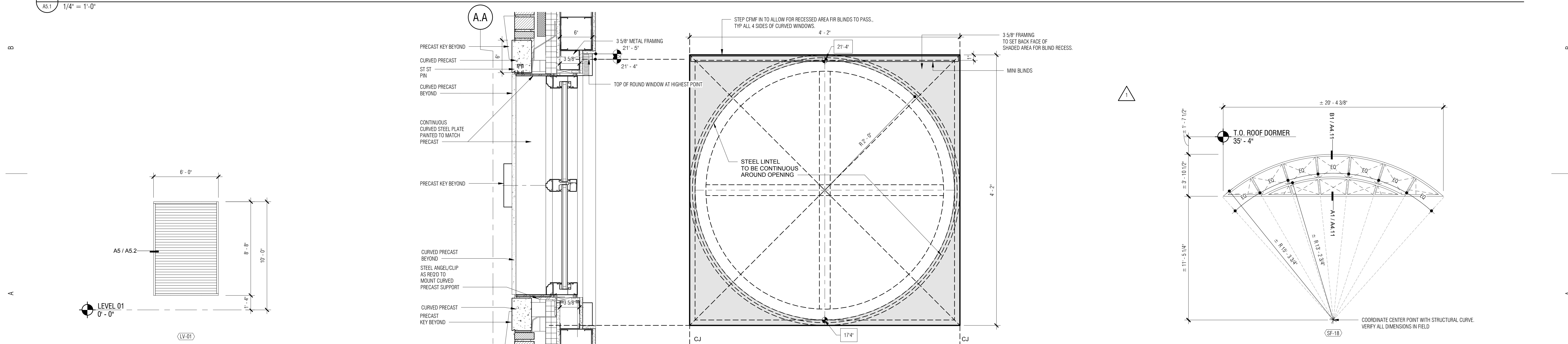
STOREFRONT FRAMING NOTES

1. ALL HEADERS FOR FRAMING TO BE GALVANIZED STEEL.
2. GALVANIZED STEEL HEADERS AT BRICK HEADER COURSES TO BE PAINTED TO MATCH BRICK WITH 09 9600 HIGH PERFORMANCE COATING.
3. GALVANIZED STEEL HEADERS/SUPPORTS AT ROUND WINDOWS WHERE PRECAST CONCRETE FRAME IS SUPPORTED TO BE PAINTED TO MATCH PRECAST WITH 09 9600 HIGH PERFORMANCE COATING.



B1 EXTERIOR STOREFRONT ELEVATIONS

A5.1 1/4" = 1'-0"



A2 EXTERIOR LOUVER ELEVATIONS

A5.1 1/4" = 1'-0"

A3 DETAIL AT ROUND STOREFRONT

A5.1 1 1/2" = 1'-0"

ELEVATION AT INTERIOR OF CURVED WINDOW

A8 STOREFRONT ELEVATION @ CURVED DORMER

A5.1 1/4" = 1'-0"

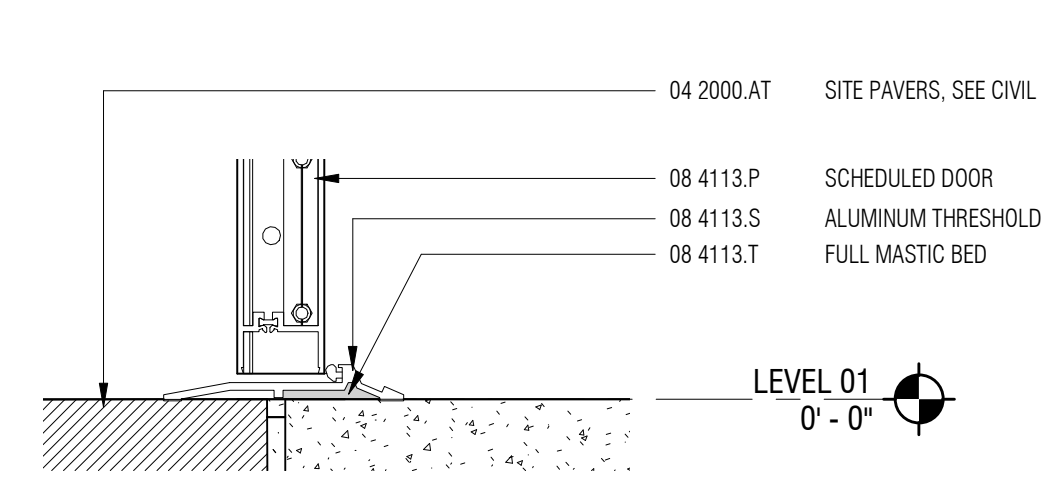
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University of North Carolina - Charlotte
Charlotte NC, 28223

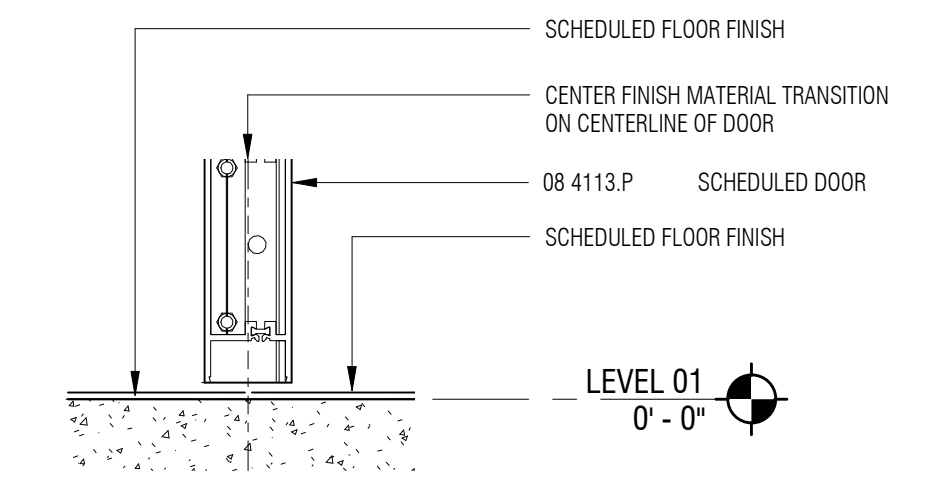


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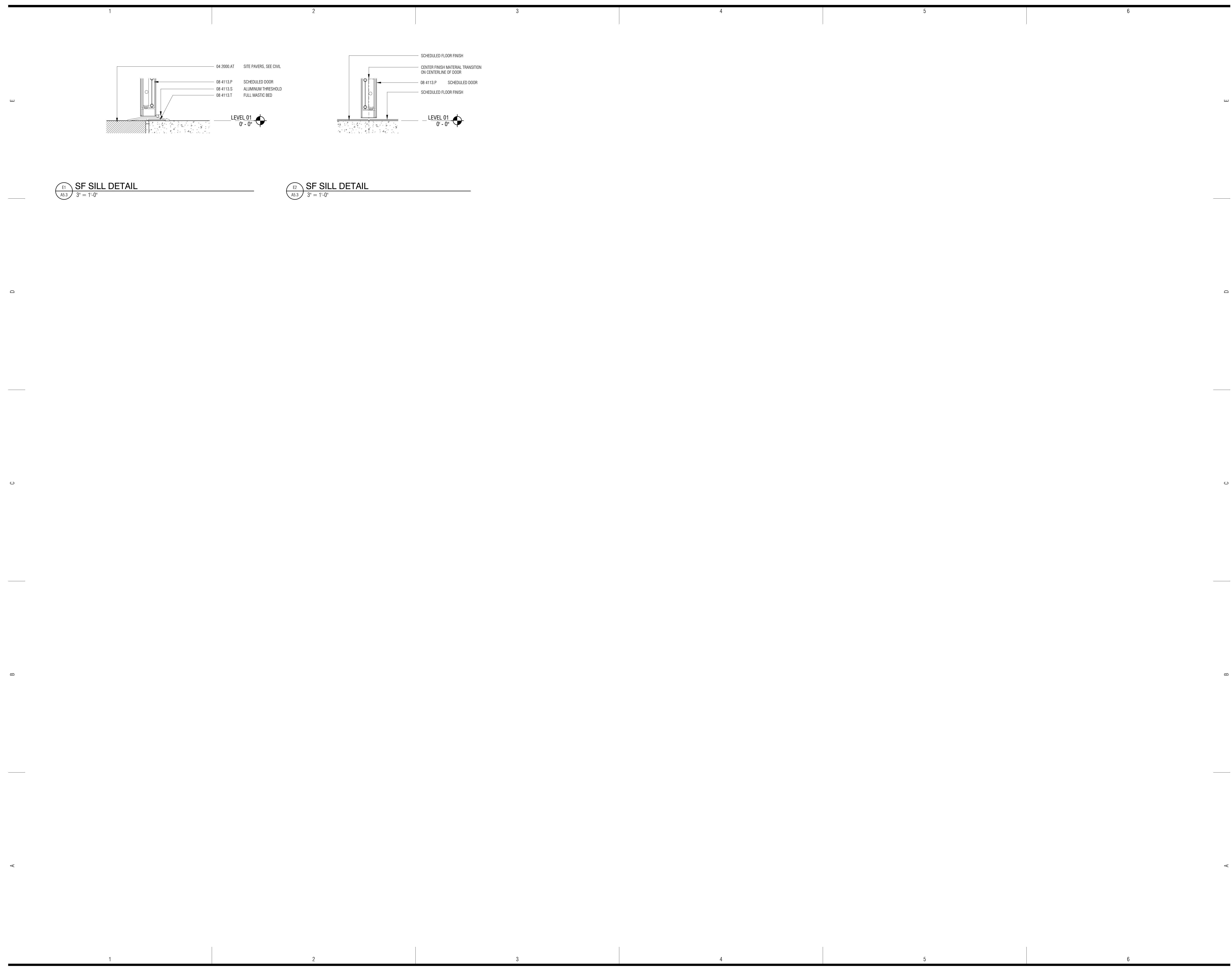
#	DATE	REVISION
1	09.21.2017	ADDENDUM 03



E1
A5.3
SF SILL DETAIL
3" = 1'-0"



E2
A5.3
SF SILL DETAIL
3" = 1'-0"

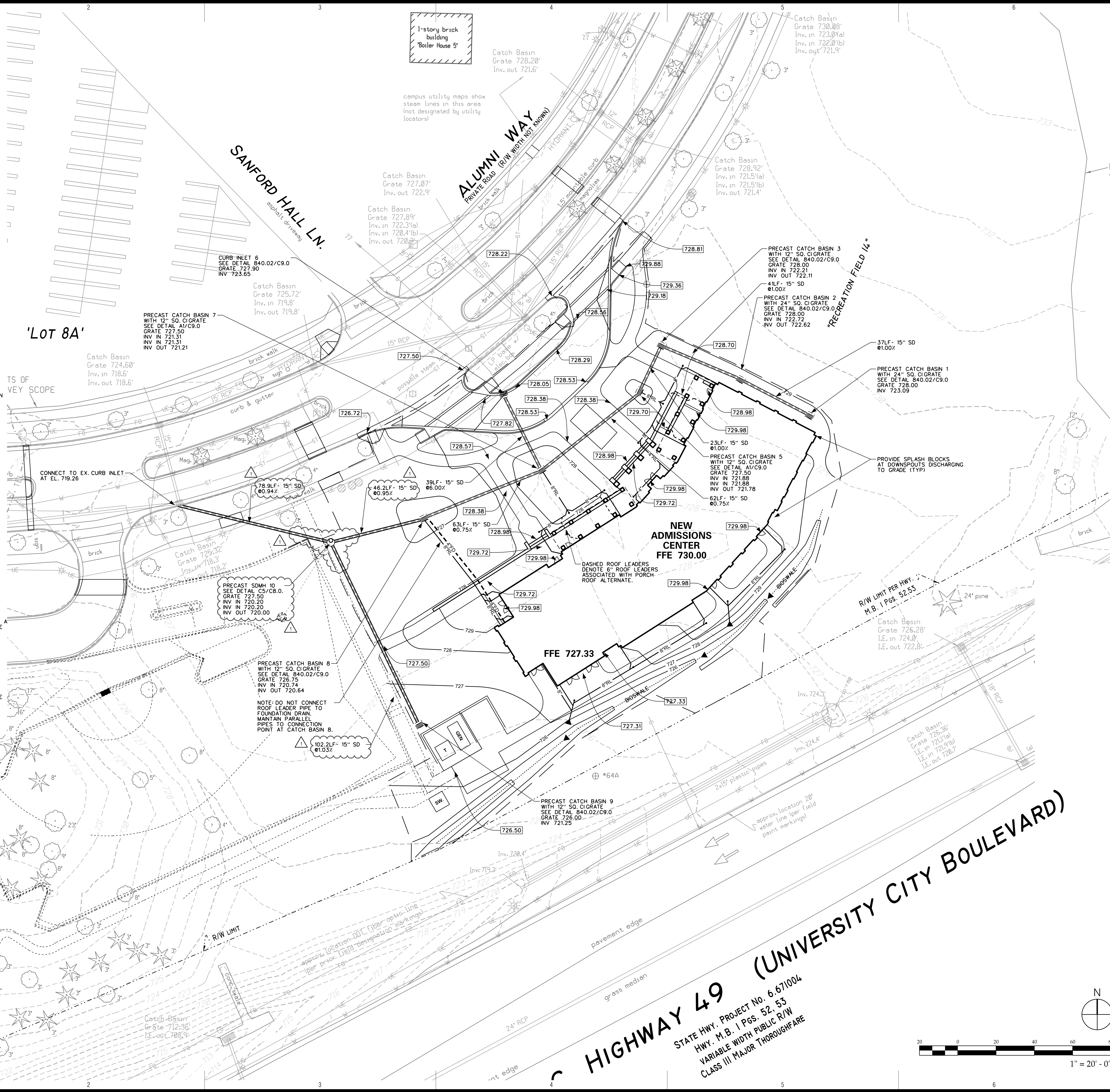


ISSUE DATE:	AUGUST 24, 2107	
PHASE:	BID SET	
#	DATE	REVISION
1	09.21.2017	ADDENDUM 03

DOOR SCHEDULE																							
DOOR MARK	DIMENSIONS					FROM ROOM		TO ROOM		PANEL				FRAME				DETAILS			REMARKS		
	OPENING WIDTH	PANEL WIDTH	PAIR	HEIGHT	THICKNESS	NUMBER	NAME	NUMBER	NAME	RATING	TYPE	MATL	FINISH	GLAZING	TYPE	MATL	FINISH	GLAZING	HEAD	JAMB		SILL	
LEVEL 01																							
101A	6'-3"	3'-1 1/2"	PAIR	8'-0"	1 3/4"	101A	VEST.				SEE ELEV	AL/GL	PREFIN	SEE ELEV	SEE ELEV	AL	PREFIN	SEE ELEV	SEE ELEV	SEE ELEV	E-01	1A, 2	
101B	6'-1 1/2"	3'-0 3/4"	PAIR	8'-0"	1 3/4"	101	LOBBY & EXHIBIT AREA	101A	VEST.		SEE ELEV	AL/GL	PREFIN	SEE ELEV	SEE ELEV	AL	PREFIN	SEE ELEV	SEE ELEV	SEE ELEV	E-01	1A	
101C	2'-6"	2'-6"		7'-0"	1 3/4"	101C	STOR.	101	LOBBY & EXHIBIT AREA	60 MIN.	P01	WD	ST		F01	HM	PT		HH01	HJ01	HS02	1-25	
101D	3'-0"	3'-0"		8'-0"	1 3/4"	101	LOBBY & EXHIBIT AREA				SEE ELEV	AL/GL	PREFIN	SEE ELEV	SEE ELEV	AL	PREFIN	SEE ELEV	SEE ELEV	SEE ELEV	E-02	2	
101DD	2'-0"	2'-0"		7'-10"	1 3/4"			101D	STORAGE CL.		P01	WD	ST		F01	HM	PT		HH01	HJ01	HS02	1-08	
101E	3'-0"	3'-0"		8'-0"	1 3/4"			101	LOBBY & EXHIBIT AREA		SEE ELEV	AL/GL	PREFIN	SEE ELEV	SEE ELEV	AL	PREFIN	SEE ELEV	SEE ELEV	SEE ELEV	E-02	2	
102A	3'-6"	1'-9"		7'-10"	1 3/4"	101	LOBBY & EXHIBIT AREA	102	VENDING CATER		P01	WD	ST		F01	HM	PT		HH01	HJ01	HS01	1-02	
103	3'-0"	3'-0"		7'-10"	1 3/4"	101	LOBBY & EXHIBIT AREA	103	INTERVIEW ROOM	45 MIN.	P02	WD/GL	ST	GL-3	F02	HM	PT	GL-3	HH02.04	HJ01.03	HS04.09	1-03	
104	3'-0"	3'-0"		7'-10"	1 3/4"	108	CORRIDOR	104	INTERVIEW ROOM		P02	WD/GL	ST	GL	F02	HM	PT	GL	HH02.04	HJ02.04	HS04.09	1-03	
105A	6'-0"	3'-0"	PAIR	7'-10"	1 3/4"	105	AUDITORIUM	101	LOBBY & EXHIBIT AREA	60 MIN.	P01	WD	ST		F01	HM	PT		HH02	HJ02	HS04	1-27	
105B	6'-0"	3'-0"	PAIR	7'-10"	1 3/4"	105	AUDITORIUM	101	LOBBY & EXHIBIT AREA	60 MIN.	P01	WD	ST		F01	HM	PT		HH02	HJ02	HS04	1-27	
105C	6'-4"	3'-2"	PAIR	8'-0"	1 3/4"			105	AUDITORIUM		SEE ELEV	AL/GL	PREFIN	SEE ELEV	SEE ELEV	AL	PREFIN	SEE ELEV	SEE ELEV	SEE ELEV	E-04	2	
106	2'-6"	2'-6"		7'-10"	1 3/4"	106	AV	105	AUDITORIUM	60 MIN.	P01	WD	ST		F01	HM	PT		HH02	HJ02	HS01	1-04	
107	4'-6"	3'-0"	PAIR	7'-0"	1 3/4"	107	DATA CL	108	CORRIDOR		P04	WD	ST		F01	HM	PT		HH01	HJ01	HS02	1-05	
108	6'-0"	3'-0"	PAIR	8'-0"	1 3/4"	101	LOBBY & EXHIBIT AREA	108	CORRIDOR	60 MIN.	P01	WD	ST		F01	HM	PT		E1/A4.3	A1/A4.20	HS01	1-21	
108A	5'-0"	2'-6"	PAIR	7'-0"	1 3/4"	108A	VISIT STOR.	108	CORRIDOR		P01	WD	ST		F01	HM	PT		HH01	HJ01	HS02	1-06	
108B	5'-0"	2'-6"	PAIR	7'-0"	1 3/4"	108B	VISIT STOR.	108	CORRIDOR		P01	WD	ST		F01	HM	PT		HH01	HJ01	HS02	1-06	
108C	5'-0"	2'-6"	PAIR	7'-0"	1 3/4"	108A	VISIT STOR.	108	CORRIDOR		P01	WD	ST		F01	HM	PT		HH01	HJ01	HS02	1-06	
109A	3'-0"	3'-0"		7'-0"	1 3/4"	108	CORRIDOR	109	MEN		P01	WD	ST		F01	HM	PT		HH01	HJ01	HS06	1-07	
110A	3'-0"	3'-0"		7'-0"	1 3/4"	110	WOMEN	108	CORRIDOR		P01	WD	ST		F01	HM	PT		HH01	HJ01	HS06	1-07	
111	3'-0"	3'-0"		7'-0"	1 3/4"	108	CORRIDOR	111	JAN		P01	WD	ST		F01	HM	PT		HH01	HJ01	HS02	1-08	
112	3'-0"	3'-0"		7'-0"	1 3/4"	108	CORRIDOR	112	FSAUR		P01	WD	ST		F01	HM	PT		HH01	HJ01	HS06	1-09	
113A	3'-0"	3'-0"		7'-0"	1 3/4"	113	VISIT SUITE	113A	BUSINESS ADMIN.		P02	WD/GL	ST	GL	F02	HM	PT	GL	HH01.03	HJ01.03	HS01.09	1-10	
113B	3'-0"	3'-0"		7'-0"	1 3/4"	113	VISIT SUITE	113B	GRAD ASSISTANT		P02	WD/GL	ST	GL	F02	HM	PT	GL	HH01.03	HJ01.03	HS01.09	1-10	
113C	3'-0"	3'-0"		7'-0"	1 3/4"	113	VISIT SUITE	113C	VISIT COORD.		P02	WD/GL	ST	GL	F02	HM	PT	GL	HH01.03	HJ01.03	HS01.09	1-10	
113D	3'-0"	3'-0"		7'-0"	1 3/4"	113	VISIT SUITE	113D	VISIT MANAGER		P02	WD/GL	ST	GL	F01	HM	PT		HH01	HJ01	HS01	1-10	
113E	3'-0"	3'-0"		7'-0"	1 3/4"	113	VISIT SUITE	108	CORRIDOR		P02	WD/GL	ST	GL	F01	HM	PT		HH01	HJ01	HS04	1-11	
113F	3'-0"	3'-0"		7'-0"	1 3/4"	113	VISIT SUITE	114	WORKROOM GUIDE SPACE		P02	WD/GL	ST	GL	F01	HM	PT		HH01	HJ01	HS01	1-12	
114A	3'-0"	3'-0"		7'-10"	1 3/4"	101	LOBBY & EXHIBIT AREA	114	WORKROOM GUIDE SPACE	60 MIN.	P01	WD	ST		F01	HM	PT		HH01	HJ01	HS04	1-13	
116A	6'-0"	3'-0"	PAIR	7'-0"	1 3/4"	116	MEETING ROOM	108	CORRIDOR		P02	WD/GL	ST	GL	F01	HM	PT		HH02	HJ02	HS04	1-20	
116B	3'-0"	3'-0"		8'-0"	1 3/4"	116	MEETING ROOM				SEE ELEV	AL/GL	PREFIN	SEE ELEV	SEE ELEV	AL	PREFIN	SEE ELEV	SEE ELEV	SEE ELEV	E-03		
117A	3'-0"	3'-0"		7'-0"	1 3/4"			S201	STAIR 2		SEE ELEV	AL/GL	PREFIN	SEE ELEV	SEE ELEV	AL	PREFIN	SEE ELEV	SEE ELEV	SEE ELEV	E-02	2	
118A	3'-0"	3'-0"		7'-0"	1 3/4"	118	CIRC.	108	CORRIDOR		P01	HM	PT		F01	HM	PT		HH01	HJ01	HS02	1-14	
119A	6'-4"	3'-2"	PAIR	7'-2"	1 3/4"	119	BULK STORAGE				SEE ELEV	AL	PREFIN		SEE ELEV	AL	PREFIN		SEE ELEV	SEE ELEV	SEE ELEV	E-05	2
120A	6'-4"	3'-2"	PAIR	7'-2"	1 3/4"	120	FIRE PUMP				SEE ELEV	AL	PREFIN		SEE ELEV	AL	PREFIN		SEE ELEV	SEE ELEV	SEE ELEV	E-06	
121A	6'-4"	3'-2"	PAIR	7'-2"	1 3/4"	121	ELECTRICAL				SEE ELEV	AL	PREFIN		SEE ELEV	AL	PREFIN		SEE ELEV	SEE ELEV	SEE ELEV	E-06	
121B	3'-0"	3'-0"		7'-0"	1 3/4"	121	ELECTRICAL	121A	EMER. ELEC	60 MIN.	P01	HM	PT		F01	HM	PT		HH01	HJ01	HS01	1-04	
122A	6'-4"	3'-2"	PAIR	7'-2"	1 3/4"	122	MECHANICAL				SEE ELEV	AL	PREFIN		SEE ELEV	AL	PREFIN		SEE ELEV	SEE ELEV	SEE ELEV	E-07	
E102	3'-0"	3'-0"		7'-0"	1 3/4"	101	LOBBY & EXHIBIT AREA	E101	ELEV	60 MIN.	P01	WD	PT		F01	HM	PT		HH01	HJ01	HS01	1-23	
S201	3'-0"	3'-0"		7'-0"	1 3/4"	108	CORRIDOR	S201	STAIR 2	60 MIN.	P02	WD	ST	GL-3	F01	HM	PT		HH01	HJ01	HS05	1-18	
LEVEL 02																							
202	3'-0"	3'-0"		7'-0"	1 3/4"	201	RECEPTION	202	LARGE CONFERENCE		P03	WD/GL	ST	GL	F01	HM	PT		HH01	HJ01	HS01	1-12	
203	3'-0"	3'-0"		7'-0"	1 3/4"	201	RECEPTION	203	STORAGE		P01	WD	ST		F01	HM	PT		HH01	HJ01	HS01	1-14	
204	3'-0"	3'-0"		7'-0"	1 3/4"	204	IT OFFICE	201	RECEPTION		P02	WD/GL	ST	GL	F02	HM	PT	GL	HH01.03	HJ01.03	HS01.09	1-12	
204A-A	3'-0"	3'-0"		7'-0"	1 3/4"	204A	IT OFFICE CL	204	IT OFFICE		P01	WD	ST		F01	HM	PT		HH01	HJ01	HS01	1-14	
205	3'-0"	3'-0"		7'-0"	1 3/4"	201A	ADMISSIONS	205	COUNSELOR		P02	WD	ST	GL	F02	HM	PT	GL	HH01.03	HJ01.03	HS01.09	1-10	
206	3'-0"	3'-0"		7'-0"	1 3/4"	206	COUNSELOR	201B	ADMISSIONS CORRIDOR		P02	WD/GL	ST	GL	F02	HM	PT	GL	HH01.03	HJ01.03	HS01.09	1-10	
207	3'-0"	3'-0"		7'-0"	1 3/4"	207	COUNSELOR	201B	ADMISSIONS CORRIDOR		P02	WD/GL	ST	GL	F02	HM	PT	GL	HH01.03	HJ01.03	HS01.09	1-10	
208	3'-0"	3'-0"		7'-0"	1 3/4"	208	COUNSELOR	201B	ADMISSIONS CORRIDOR		P02	WD/GL	ST	GL	F02	HM	PT	GL	HH01.03	HJ01.03	HS01.09	1-10	
209	3'-0"	3'-0"		7'-0"	1 3/4"	201E	ADMISSIONS CORRIDOR	209	COUNSELOR		P02	WD/GL	ST	GL	F04	HM	PT	GL	HH01.03	HJ01.03	HS01.09	1-10	
210	3'-0"	3'-0"		7'-0"	1 3/4"	201E	ADMISSIONS CORRIDOR	210	COUNSELOR		P02	WD/GL	ST	GL	F02	HM	PT	GL	HH01.03	HJ01.03	HS01.09	1-10	
211	3'-0"	3'-0"		7'-0"	1 3/4"	211	ASSOC DIR FUTURE	201E	ADMISSIONS CORRIDOR		P02	WD/GL	ST	GL	F02	HM	PT	GL	HH01.03	HJ01.03	HS01.09	1-10	
212	3'-0"	3'-0"		7'-0"	1 3/4"	201E	ADMISSIONS CORRIDOR	212	ASSOC DIR		P02	WD/GL	ST	GL	F02	HM	PT	GL	HH01.03	HJ01.03	HS01.09	1-10	
213	3'-0"	3'-0"		7'-0"	1 3/4"	201E	ADMISSIONS CORRIDOR	213	ASST DIR		P02	WD/GL	ST	GL	F02	HM	PT	GL	HH01.03	HJ01.03	HS01.09	1-10	
214	3'-0"	3'-0"		7'-0"	1 3/4"	201E	ADMISSIONS CORRIDOR	214	ASST DIR		P02	WD/GL	ST	GL	F02	HM	PT	GL	HH01.03	HJ01.03	HS01.09	1-10	
215	3'-0"	3'-0"		7'-0"	1 3/4"	201E	ADMISSIONS CORRIDOR	215	ASST DIR		P02	WD/GL	ST	GL	F02	HM	PT	GL	HH01.03	HJ01.03	HS01.09	1-10	
216	3'-0"	3'-0"		7'-0"	1 3/4"	201F	ADMISSIONS CORRIDOR	216	ASSOC DIR		P02	WD/GL	ST	GL	F01	HM	PT		HH01	HJ01	HS01	1-10	
217	3'-0"	3'-0"		7'-0"																			

GENERAL NOTES:

- CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO THE BEGINNING OF DEMOLITION AND/OR CONSTRUCTION.
- PROTECT ALL EXISTING UTILITIES TO REMAIN DURING ALL CONSTRUCTION ACTIVITIES.
- CONTRACTOR SHALL TAKE CARE TO MAKE SMOOTH FLOWING TRANSITIONS @ NEW AND EXISTING ASPHALT TIES.
- SLOPE BETWEEN FIXED SPOT ELEVATIONS SHALL BE CONSTANT UNLESS OTHERWISE SPECIFIED.
- REFER TO DETAIL A1/C7.04 FOR STORM DRAINAGE PIPE BEDDING.
- STORM DRAINAGE PIPING IF NOTED AS OPTIONAL, THE CONTRACTOR MAY PROVIDE EITHER CLASS III RCP OR SMOOTH WALL HDPE. INSTALL HDPE AS PER MANUFACTURER'S RECOMMENDATIONS INCLUDING BEDDING AND BACKFILL MATERIALS. ALL PIPE DEEPER THAN 10' SHALL BE CLASS III RCP. IF NOT NOTED AS OPTIONAL, CONTRACTOR MUST PROVIDE THE MATERIAL CALLED OUT ON THE PLANS.
- ALL SPOT ELEVATIONS SHOWN WITHIN PAVED AREAS AND ALONG CURBS REPRESENT TOP OF PAVEMENT (TP) OR BOTTOM OF CURB (BC) UNLESS OTHERWISE INDICATED.
- ALL CONTOURS AND SPOT ELEVATIONS REFLECT FINISHED GRADES TO TOP OF PAVEMENT OR TOP OF TOP SOIL IN PLANTING/GRASS AREAS.
- THE PROPOSED CONTOURS AND SPOT ELEVATIONS SHOWN WITHIN ROADWAYS, PARKING LOTS AND SIDEWALK AREAS REPRESENT FINISHED GRADES INCLUDING THE PAVEMENT SECTION. REFER TO PAVEMENT CROSS SECTION DETAILS TO ESTABLISH CORRECT SUBBASE ELEVATIONS.
- NEW EARTHWORK SHALL BE BLENDED SMOOTHLY TO TIE INTO EXISTING GRADE.
- ALL NEW PAVEMENT AREAS SHALL HAVE POSITIVE DRAINAGE SUCH THAT ALL RUNOFF WILL DRAIN ACROSS PAVEMENT TO NEW OR EXISTING DRAINAGE FEATURES OR SHEET FLOW OVERLAND.
- RIM ELEVATIONS GIVEN ON THESE PLANS ARE APPROXIMATE AND ARE FOR INFORMATIONAL PURPOSES ONLY. ACTUAL RIM ELEVATIONS SHALL BE ADJUSTED BY CONTRACTOR TO MATCH FIELD CONDITIONS. THE TOP 18" OF ALL NEW CONCRETE DRAINAGE STRUCTURES SHALL BE BRICK CONSTRUCTION OR OBTAINED WITH PRECAST GRADE RINGS TO ALLOW FOR ADJUSTMENT AS NECESSARY. STRUCTURES SHALL BE ADJUSTABLE +/- 12" FROM THE RIM ELEVATION PROVIDED AT NO ADDITIONAL COST TO THE OWNER. THE FIELD ADJUSTMENTS SHALL ENSURE POSITIVE DRAINAGE OF THE INLET DRAINAGE AREA.
- ANY PROPOSED GRASS (SEEDED OR SODDED), MULCHED OR PLANTING AREA SHALL BE LEFT BELOW FINISHED GRADES SHOWN. THE FINISH IN ALL DISTURBED AREAS SHALL BE A 6" LAYER OF TOPSOIL BEFORE PLACING THE TOPSOIL. THE TOP 2" OF THE SUBGRADE SHALL BE UNCOMPACTED WITH ALL STONE AND CONSTRUCTION DEBRIS REMOVED. WORK THE FIRST 3 INCHES OF TOPSOIL INTO THE TOP 4" OF LOOSESED SUBGRADE BEFORE SPREADING THE FINAL 3" OF TOPSOIL.
- TW AND BW ELEVATIONS PROVIDED REFER ONLY TO THE GRADE ELEVATION AT THE WALL. REFER TO ARCH. AND STRUCT. PLANS FOR TOTAL WALL HEIGHT ABOVE GRADE FOR PARAPETS, CAPS, AND SCREEN WALL SECTIONS.
- REFER TO STRUCTURAL AND ARCHITECTURAL DRAWINGS FOR FOUNDATION AND BUILDING RETAINING WALL DRAIN LOCATIONS, PIPE SIZES, AND MATERIALS.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL CITY, COUNTY, STATE, AND FEDERAL REGULATIONS AND/OR STANDARDS. WHEN SPECIFICATIONS ARE IN CONFLICT, THE STRICTER SPECIFICATION SHALL BE HELD.
- ALL LANE CLOSURES THAT ARE REQUIRED SHALL FOLLOW THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS FOR TRAFFIC CONTROL MEASURES.
- ALL SHORING SHALL BE IN ACCORDANCE WITH OSHA TRENCHING STANDARDS, PART 1926 SUBPART P, AS AMENDED.
- GRADING CONTRACTORS SHALL NOTIFY AND COOPERATE WITH ALL UTILITY COMPANIES OR FIRMS HAVING FACILITIES ON OR ADJACENT TO THE WORK SITE BEFORE DISTURBING, ALTERING, REMOVING, RELOCATING, ADJUSTING OR CONNECTING TO SAID FACILITIES. CONTRACTORS SHALL RAISE OR LOWER TOPS OF EXISTING MANHOLES OR DRAINAGE GRATES AS REQUIRED TO MATCH FINISHED GRADES.
- THE GRADING CONTRACTOR SHALL USE WHATEVER MEASURES ARE REQUIRED TO PREVENT SELECTABLE CONSTRUCTION DEBRIS FROM FLOWING BEYOND THE DENIED LIMITS SHOWN ON THE PLANS. CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL EROSION, SEDIMENT AND SILTATION ORDINANCES. CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL MEASURES UPON COMPLETION OF PERMANENT DRAINAGE FACILITIES AND NOT BEFORE ALL AREAS DRAINING TO THESE FACILITIES ARE SUFFICIENTLY STABILIZED.
- ALL LINEAR FOOTAGE OF ALL UTILITY PIPES SHOWN ARE APPROXIMATE. ACTUAL INSTALLED QUANTITIES MAY VARY. PIPE LENGTHS PROVIDED ARE HORIZONTAL MEASUREMENTS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
- GRADING CONTRACTOR TO COORDINATE ALL WORK WITH OTHER UTILITY INSTALLATIONS NOT COVERED IN THESE PLANS (ELECTRIC, TELEPHONE, GAS, CABLE, ETC.) AND ALLOW FOR THEIR OPERATIONS AND CONSTRUCTION TO BE PERFORMED.
- ALL FOUNDATION DRAIN LINES WHICH CONNECT TO THE PROPOSED STORMWATER SYSTEM RATHER THAN DISCHARGING TO GRADE SHALL HAVE A BACKWATER VALVE AT THE TIE-IN LOCATION. A TERMINAL TYPE BACKWATER VALVE SHALL BE INSTALLED AT CATCH BASINS AND MANHOLES.
- ALL NEW UNDERGROUND UTILITY LINES EXCEPT LAWN IRRIGATION LINES THAT ARE LOCATED OUTSIDE OF THE BUILDING FOOTPRINT ARE REQUIRED TO HAVE A CONTINUOUS WARNING TAPE INSTALLED IN THE BACKFILL DIRECTLY OVER THE UTILITY LINE 6" TO 24" BELOW FINISHED GRADE AND 6" BELOW SUBGRADE UNDER PAVEMENT SECTIONS. REFER TO SPECIFICATIONS DIVISION 31 FOR WARNING TAPE REQUIREMENTS.
- BOTH METALIC AND NON-METALIC PIPES, OTHER THAN GAS LINES, SHALL BE IDENTIFIED BY DETECTABLE MAGNETIC TYPE WARNING TAPE, MIN. 2" WIDE, WITH LETTERING TO IDENTIFY BURIED LINE BELOW.
- 2009 NC GAS CODE, SECTION 404.14.3 TRACER: AN INSULATED COPPER TRACER WIRE OR OTHER APPROVED CONDUCTOR SHALL BE INSTALLED ADJACENT TO UNDERGROUND NON-METALIC PIPING. ACCESS SHALL BE PROVIDED TO THE TRACER WIRE OR THE TRACER WIRE SHALL TERMINATE ABOVE GROUND AT THE END OF THE NON-METALIC PIPING. THE TRACER WIRE SIZE SHALL NOT BE LESS THAN 18AWG AND THE INSULATION TYPE SUITABLE FOR DIRECT BURIAL.
- ALL RIVER STONE USED FOR OUTLET PROTECTION AND FOR ARMORING CHANNELS SHALL BE A BLEND OF NATURAL BROWNS AND TANS. FILTER FABRIC SHALL BE INSTALLED PRIOR TO STONE PLACEMENT.



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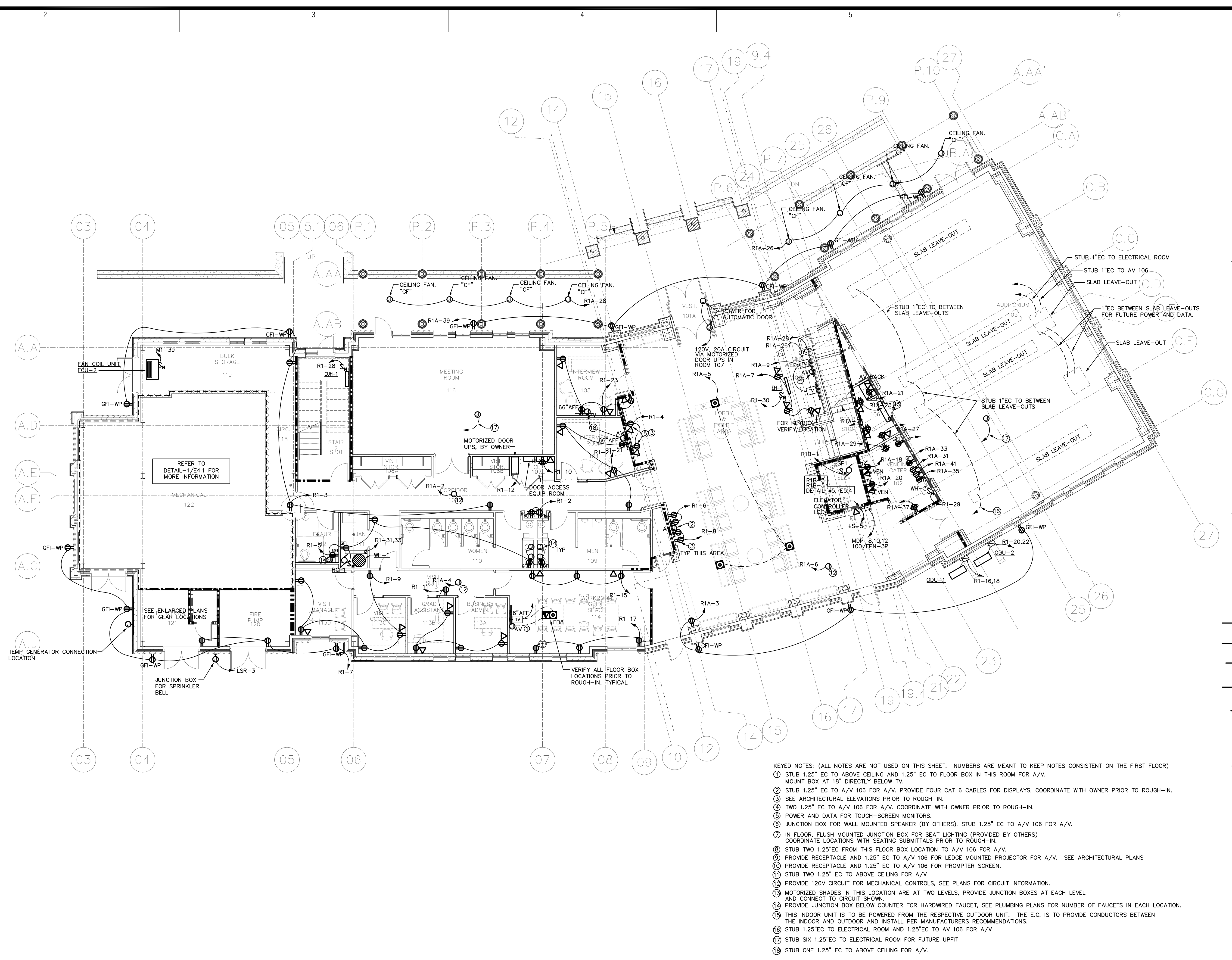
ISSUE DATE:	08.24.2017	
PHASE:	BID SET	
#	DATE	REVISION
1	9.20.2017	ADDENDUM 03

GRADING PLAN

1604
WTS PROJECT NO. SHEET

C5.0

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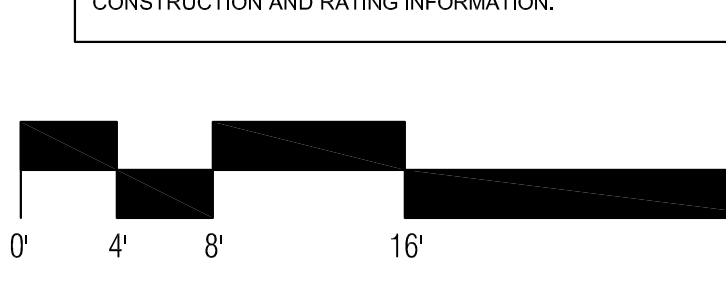
- KEYED NOTES: (ALL NOTES ARE NOT USED ON THIS SHEET. NUMBERS ARE MEANT TO KEEP NOTES CONSISTENT ON THE FIRST FLOOR)
- 1 STUB 1.25" EC TO ABOVE CEILING AND 1.25" EC TO FLOOR BOX IN THIS ROOM FOR A/V.
 - 2 STUB 1.25" EC TO A/V 106 FOR A/V. PROVIDE FOUR CAT 6 CABLES FOR DISPLAYS. COORDINATE WITH OWNER PRIOR TO ROUGH-IN.
 - 3 SEE ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN.
 - 4 TWO 1.25" EC TO A/V 106 FOR A/V. COORDINATE WITH OWNER PRIOR TO ROUGH-IN.
 - 5 POWER AND DATA FOR TOUCH-SCREEN MONITORS.
 - 6 JUNCTION BOX FOR WALL MOUNTED SPEAKER (BY OTHERS). STUB 1.25" EC TO A/V 106 FOR A/V.
 - 7 IN FLOOR, FLUSH MOUNTED JUNCTION BOX FOR SEAT LIGHTING (PROVIDED BY OTHERS) COORDINATE LOCATIONS WITH SEATING SUBMITTALS PRIOR TO ROUGH-IN.
 - 8 STUB TWO 1.25" EC FROM THIS FLOOR BOX LOCATION TO A/V 106 FOR A/V.
 - 9 PROVIDE RECEPTACLE AND 1.25" EC TO A/V 106 FOR LEDGE MOUNTED PROJECTOR FOR A/V. SEE ARCHITECTURAL PLANS
 - 10 PROVIDE RECEPTACLE AND 1.25" EC TO A/V 106 FOR PROMPTER SCREEN.
 - 11 STUB TWO 1.25" EC TO ABOVE CEILING FOR A/V
 - 12 PROVIDE 120V CIRCUIT FOR MECHANICAL CONTROLS. SEE PLANS FOR CIRCUIT INFORMATION.
 - 13 MOTORIZED SHADES IN THIS LOCATION ARE AT TWO LEVELS. PROVIDE JUNCTION BOXES AT EACH LEVEL AND CONNECT TO CIRCUIT SHOWN.
 - 14 PROVIDE JUNCTION BOX BELOW COUNTER FOR HARDWIRED FAUCET, SEE PLUMBING PLANS FOR NUMBER OF FAUCETS IN EACH LOCATION.
 - 15 THIS INDOOR UNIT IS TO BE POWERED FROM THE RESPECTIVE OUTDOOR UNIT. THE E.C. IS TO PROVIDE CONDUCTORS BETWEEN THE INDOOR AND OUTDOOR AND INSTALL PER MANUFACTURERS RECOMMENDATIONS.
 - 16 STUB 1.25" EC TO ELECTRICAL ROOM AND 1.25" EC TO AV 106 FOR A/V
 - 17 STUB SIX 1.25" EC TO ELECTRICAL ROOM FOR FUTURE UPFIT
 - 18 STUB ONE 1.25" EC TO ABOVE CEILING FOR A/V.

- GENERAL NOTES:
1. COORDINATE LOCATIONS OF ALL OWNER PROVIDED EQUIPMENT IN A/V 106 AND STUB UP LOCATION OF ASSOCIATED CONDUIT WITH OWNER PRIOR TO ROUGH-IN.
 2. ALL UNDER-IN-SLAB CONDUIT IN AUDITORIUM 105 IS TO BE METALLIC. PVC IS NOT ALLOWED.
 3. AV EQUIPMENT, MOTORIZED SHADES AND MOTORIZED SCREENS ARE TO BE CONTROLLED AT THE PODIUM VIA THE CRESTRON CONTROL SYSTEM. E.C. IS TO CONNECT COMPLETE AND COORDINATE WITH OWNER PRIOR TO ROUGH-IN. PROVIDE ADDITIONAL RACEWAYS AS REQUIRED FOR A COMPLETE SYSTEM.
 4. IN BOTH AUDITORIUM 105 AND MEETING ROOM 116 THE MOTORIZED PROJECTION SCREEN IS TO BE INTEGRATED INTO THE CRESTRON CONTROLS. IN ADDITION TO BEING INTEGRATED INTO THE CRESTRON SYSTEM, THE E.C. IS TO PROVIDE AN ADDITIONAL WALL SWITCH THAT WILL CONTROL THE PROJECTION SCREEN. SEE PLANS FOR LOCATION OF MOTORIZED PROJECTOR CONTROL SWITCH.
 5. AV EQUIPMENT, MOTORIZED SHADES, MOTORIZED SCREENS AND SEAT LIGHTING IN THE AUDITORIUM ARE TO BE CONTROLLED VIA CRESTRON TOUCHSCREEN. E.C. IS TO CONNECT COMPLETE COORDINATE WITH OWNER PRIOR TO ROUGH-IN. PROVIDE ADDITIONAL RACEWAYS AS REQUIRED FOR CONTROLS.
 6. ALL ACCESS CONTROL (CARD READERS, PUSH BUTTONS, ETC) ARE TO BE MOUNTED AT 36" AFF TO CENTER OF THE DEVICE.

1 FIRST FLOOR PLAN - POWER
1/8" = 1'-0" (BASE BID-SHELL)

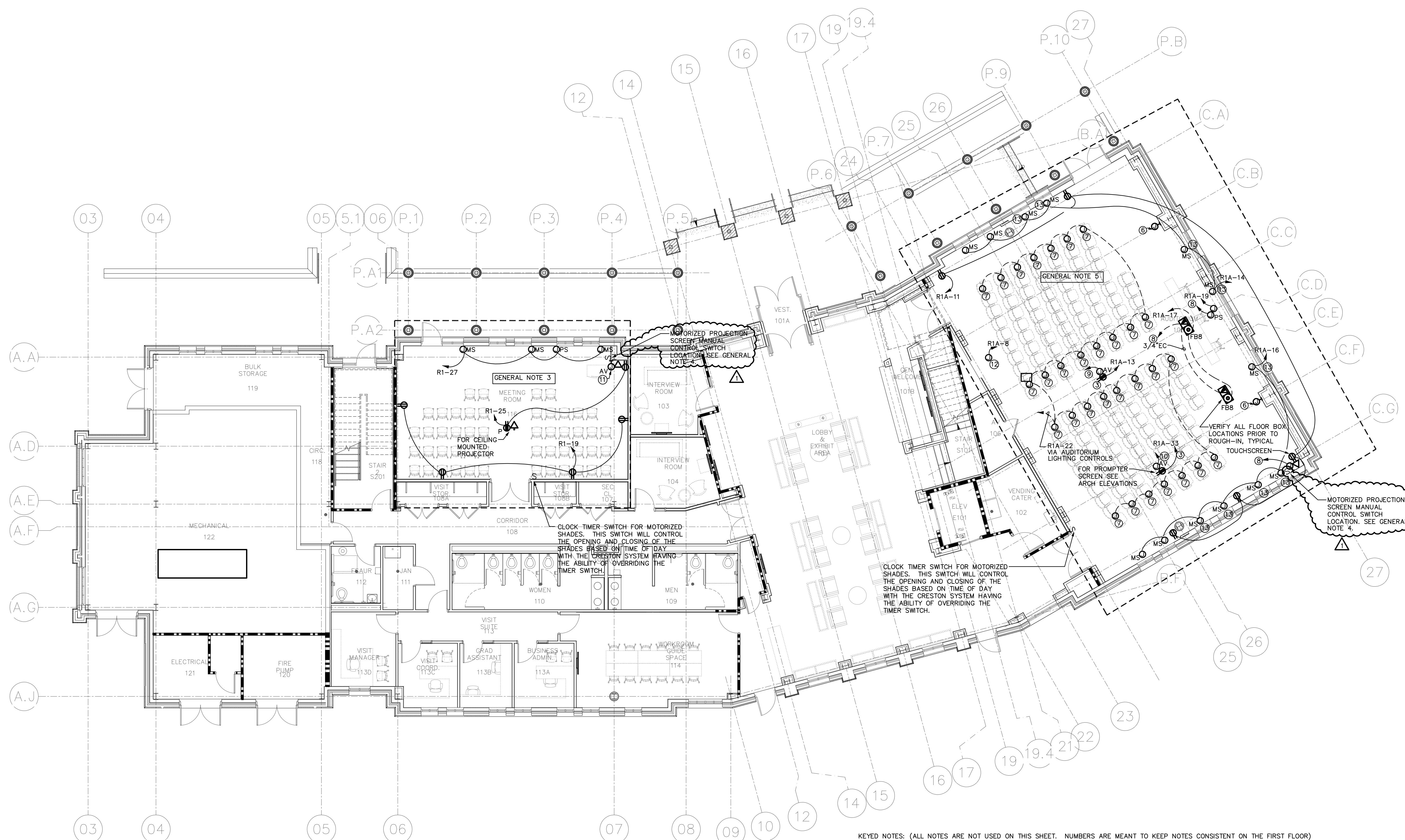
RATED WALL LEGEND

1 HOUR FIRE BARRIER
REFER TO ARCHITECTURAL DRAWINGS FOR COMPLETE WALL CONSTRUCTION AND RATING INFORMATION.



ISSUE DATE:	AUGUST 24, 2017	
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Δ	09.13.2017	ADDENDUM 02
Δ	09.21.2017	ADDENDUM 03

FIRST FLOOR
PLAN - POWER



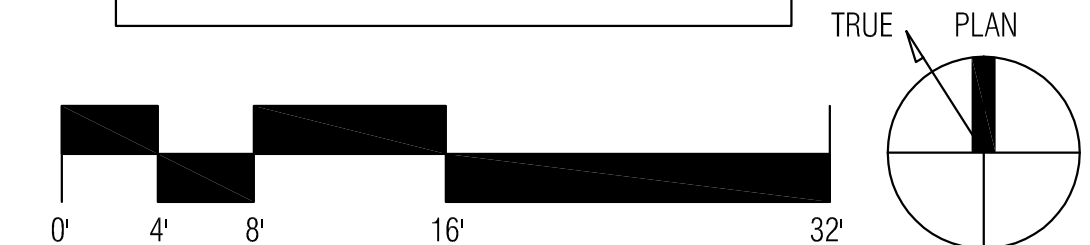
1 FIRST FLOOR PLAN - POWER
1/8" = 1'-0" (ALTERNATE-#05-UPFIT)

- KEYED NOTES: (ALL NOTES ARE NOT USED ON THIS SHEET. NUMBERS ARE MEANT TO KEEP NOTES CONSISTENT ON THE FIRST FLOOR)
- STUB 1.25" EC TO ABOVE CEILING AND 1.25" EC TO FLOOR BOX IN THIS ROOM FOR A/V. MOUNT BOX AT 18" DIRECTLY BELOW TV.
 - STUB 1.25" EC TO A/V 106 FOR A/V. PROVIDE FOUR CAT 6 CABLES FOR DISPLAYS, COORDINATE WITH OWNER PRIOR TO ROUGH-IN.
 - SEE ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN.
 - TWO 1.25" EC TO A/V 106 FOR A/V. COORDINATE WITH OWNER PRIOR TO ROUGH-IN.
 - POWER AND DATA FOR TOUCH-SCREEN MONITORS.
 - JUNCTION BOX FOR WALL MOUNTED SPEAKER (BY OTHERS). STUB 1.25" EC TO A/V 106 FOR A/V.
 - IN FLOOR, FLUSH MOUNTED JUNCTION BOX FOR SEAT LIGHTING (PROVIDED BY OTHERS) COORDINATE LOCATIONS WITH SEATING SUBMITTALS PRIOR TO ROUGH-IN.
 - STUB TWO 1.25" EC FROM THIS FLOOR BOX LOCATION TO A/V 106 FOR A/V.
 - PROVIDE RECEPTACLE AND 1.25" EC TO A/V 106 FOR LEDGE MOUNTED PROJECTOR FOR A/V. SEE ARCHITECTURAL PLANS.
 - PROVIDE RECEPTACLE AND 1.25" EC TO A/V 106 FOR PROMPTER SCREEN.
 - STUB TWO 1.25" EC TO ABOVE CEILING FOR A/V.
 - PROVIDE 120V CIRCUIT FOR MECHANICAL CONTROLS, SEE PLANS FOR CIRCUIT INFORMATION.
 - MOTORIZED SHADES IN THIS LOCATION ARE AT TWO LEVELS, PROVIDE JUNCTION BOXES AT EACH LEVEL AND CONNECT TO CIRCUIT SHOWN.
 - PROVIDE JUNCTION BOX BELOW COUNTER FOR HARDWIRED FAUCET, SEE PLUMBING PLANS FOR NUMBER OF FAUCETS IN EACH LOCATION.
 - THIS INDOOR UNIT IS TO BE POWERED FROM THE RESPECTIVE OUTDOOR UNIT. THE E.C. IS TO PROVIDE CONDUCTORS BETWEEN THE INDOOR AND OUTDOOR AND INSTALL PER MANUFACTURERS RECOMMENDATIONS.
 - STUB 1.25" EC TO ELECTRICAL ROOM AND 1.25" EC TO AV 106 FOR A/V.
 - STUB SIX 1.25" EC TO ELECTRICAL ROOM FOR FUTURE UPFIT.
 - STUB ONE 1.25" EC TO ABOVE CEILING FOR A/V.

- GENERAL NOTES:
- COORDINATE LOCATIONS OF ALL OWNER PROVIDED EQUIPMENT IN A/V 106 AND STUB UP LOCATION OF ASSOCIATED CONDUIT WITH OWNER PRIOR TO ROUGH-IN.
 - ALL UNDER/IN-SLAB CONDUIT IN AUDITORIUM 105 IS TO BE METALLIC, PVC IS NOT ALLOWED.
 - A/V EQUIPMENT, MOTORIZED SHADES AND MOTORIZED SCREENS ARE TO BE CONTROLLED AT THE PODIUM VIA THE CRESTRON CONTROL SYSTEM. E.C. IS TO CONNECT COMPLETE AND COORDINATE WITH OWNER PRIOR TO ROUGH-IN. PROVIDE ADDITIONAL RACEWAYS AS REQUIRED FOR A COMPLETE SYSTEM.
 - IN BOTH AUDITORIUM 105 AND MEETING ROOM 116 THE MOTORIZED PROJECTION SCREEN IS TO BE INTEGRATED INTO THE CRESTRON CONTROLS. IN ADDITION TO BEING INTEGRATED INTO THE CRESTRON SYSTEM, THE E.C. IS TO PROVIDE AN ADDITIONAL LOW VOLTAGE WALL SWITCH THAT WILL CONTROL THE PROJECTION SCREEN. SEE PLANS FOR LOCATION OF MOTORIZED PROJECTOR CONTROL SWITCH.
 - A/V EQUIPMENT, MOTORIZED SHADES, MOTORIZED SCREENS AND SEAT LIGHTING IN THE AUDITORIUM ARE TO BE CONTROLLED VIA CRESTRON TOUCHSCREEN. E.C. IS TO CONNECT COMPLETE COORDINATE WITH OWNER PRIOR TO ROUGH-IN. PROVIDE ADDITIONAL RACEWAYS AS REQUIRED FOR CONTROLS.
 - ALL ACCESS CONTROL (CARD READERS, PUSH BUTTONS, ETC) ARE TO BE MOUNTED AT 36" AFF TO CENTER OF THE DEVICE.

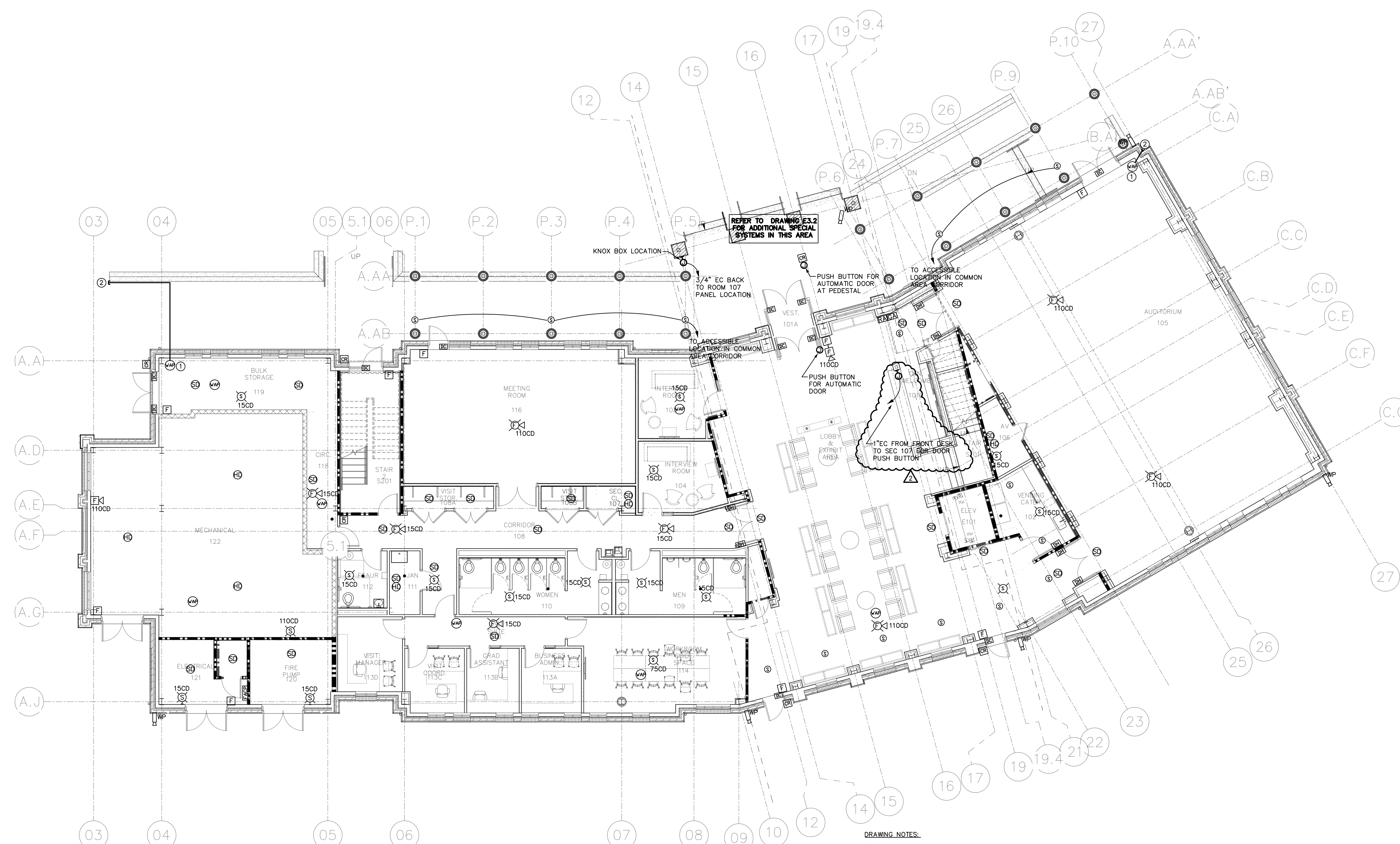
RATED WALL LEGEND

1 HOUR FIRE BARRIER
REFER TO ARCHITECTURAL DRAWINGS FOR COMPLETE WALL CONSTRUCTION AND RATING INFORMATION.



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FLOOR PLAN -
POWER



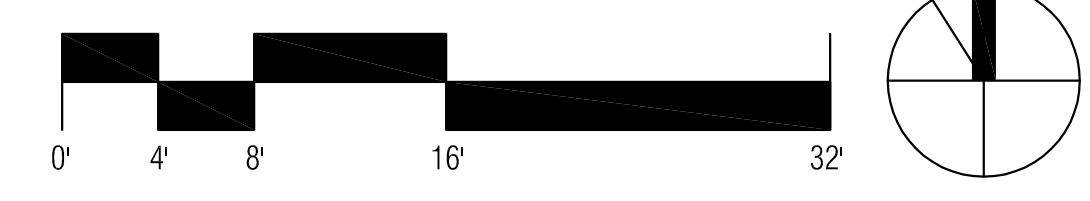
- DRAWING NOTES:**
- EXTERIOR WIRELESS ACCESS POINT LOCATION. REFER TO DETAIL #7/TC5.1 FOR ADDITIONAL INFORMATION.
 - PROVIDE 1" CONDUIT FROM INTERIOR LOCATION AS INDICATED FOR WIRELESS ACCESS POINT. ROUTE CONDUIT CONCEALED.

1 FIRST FLOOR - SPECIAL SYSTEMS
1/8" = 1'-0" (BASE BID-SHELL)

RATED WALL LEGEND

—	1 HOUR FIRE BARRIER
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REFER TO ARCHITECTURAL DRAWINGS FOR COMPLETE WALL CONSTRUCTION AND RATING INFORMATION.

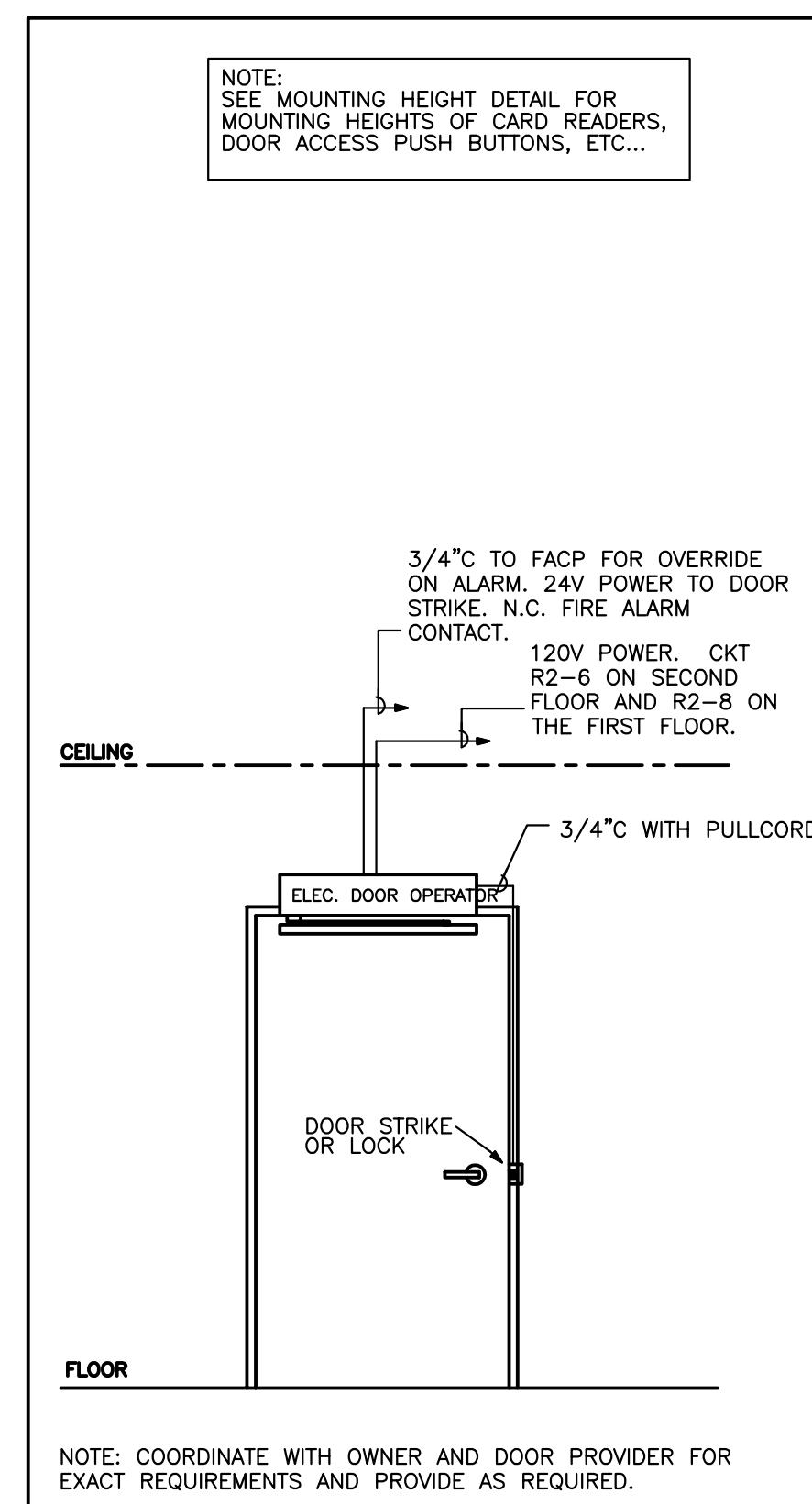


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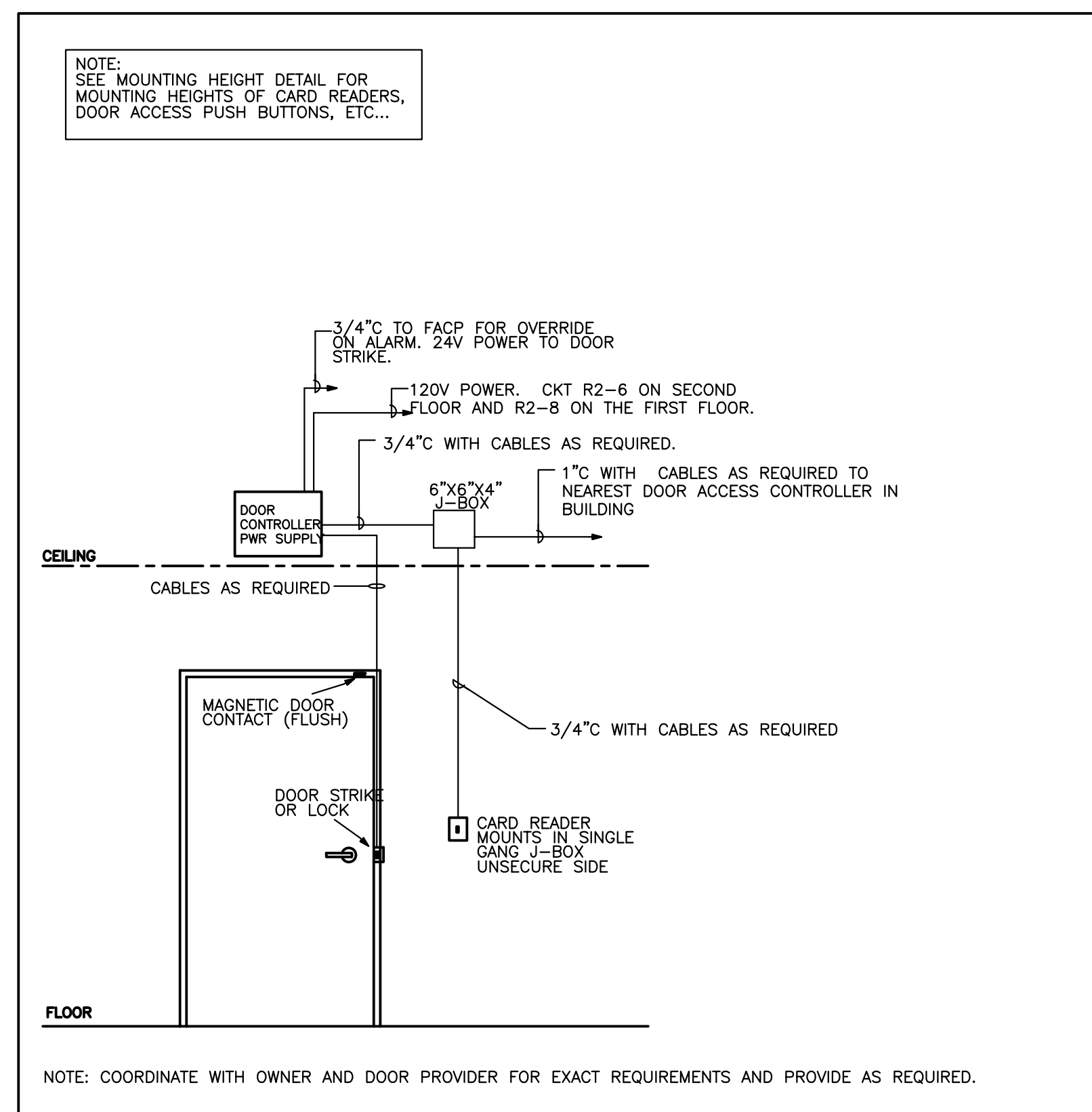
FIRST FLOOR
PLAN - SPECIAL
SYSTEMS

ACCESS CONTROL GENERAL NOTES:

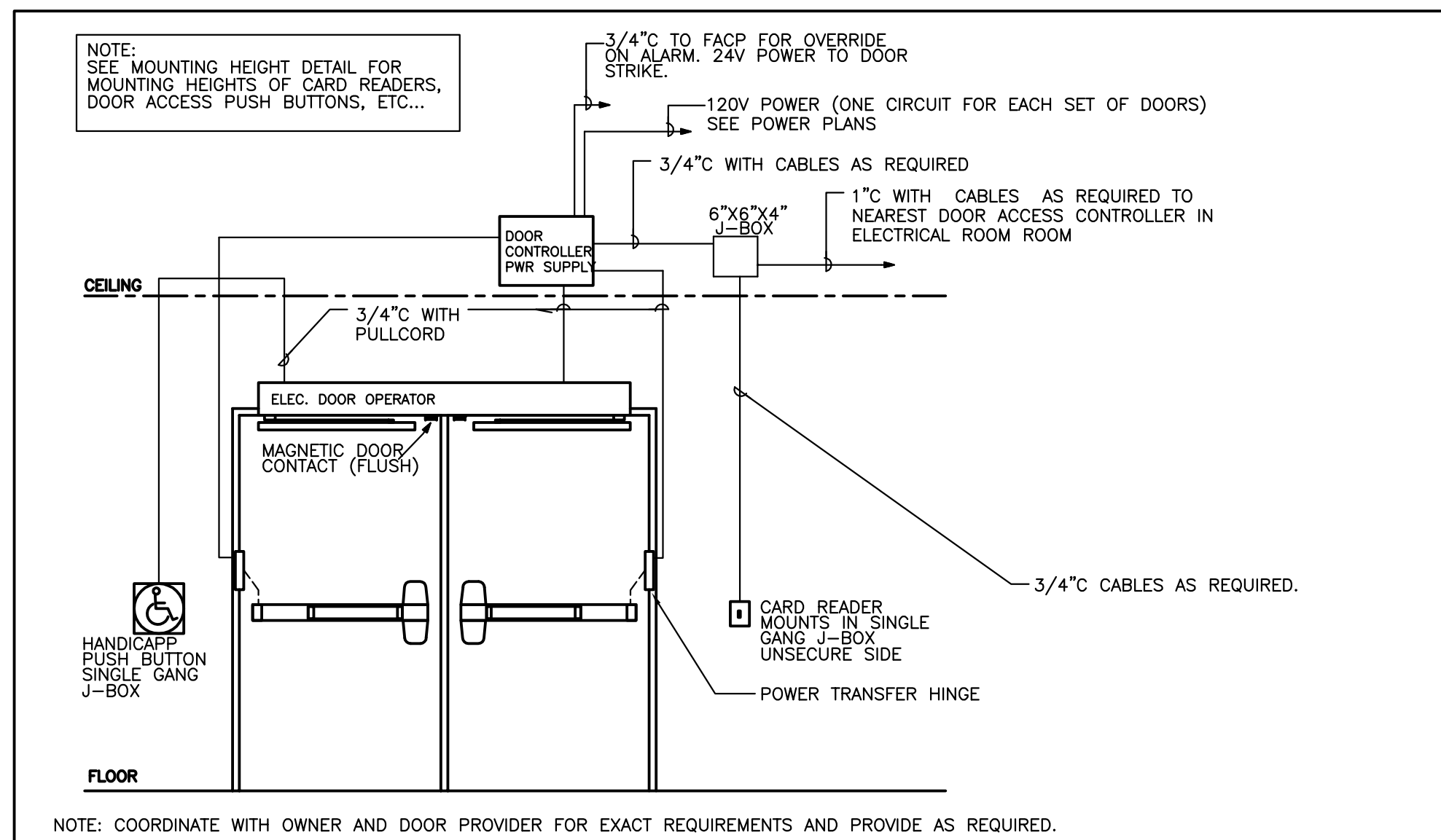
1. THE E.C. SHALL PROVIDE AND INSTALL A COMPLETE WORKING SYSTEM BASED AROUND THE OPEN OPTIONS ACCESS CONTROL SYSTEM (INCLUDING THE CONTROL PANELS, UPS, WIRING AND INTEGRATION). THE E.C. IS TO INTEGRATE ALL DOOR ACCESS DEVICES (CARD READERS, PUSH BUTTONS, ETC.) (BY OTHERS) INTO THE ACCESS CONTROL SYSTEM. THE E.C. IS TO PROVIDE OPEN OPTIONS INTERFACE AT THE MAIN ADA ENTRY DOOR AND INTEGRATE INTO THE ACCESS CONTROL SYSTEM.
2. VERIFY THE QUANTITY OF ENCLOSURES REQUIRED FOR THE OPEN OPTIONS SYSTEM. PROVIDE THE PROPER NUMBER OF CIRCUITS AS REQUIRED FOR VERIFIED QUANTITIES OF ENCLOSURES.
3. THE E.C. IS TO CONTACT THE OWNER'S SECURITY E.C. TO OBTAIN PRICING AND INSTALLATION OF A COMPLETE WORKING SYSTEM.
4. DEVICE CABLING FOR THE OPEN OPTIONS SYSTEM WILL BE YELLOW SHEATHED. DOOR ACCESS CABLE NEEDS TO BE A COMPOSITE CABLE WITH ALL CABLES NEEDED FOR THE DOOR UNDER ONE SHEATH. THIS IS A NEW REQUIREMENT FOR THE SECURITY SYSTEM CABLING.
5. E.C. IS TO PROVIDE THE CORRECT NUMBER OF DNA LICENSE FOR THE OWNER.



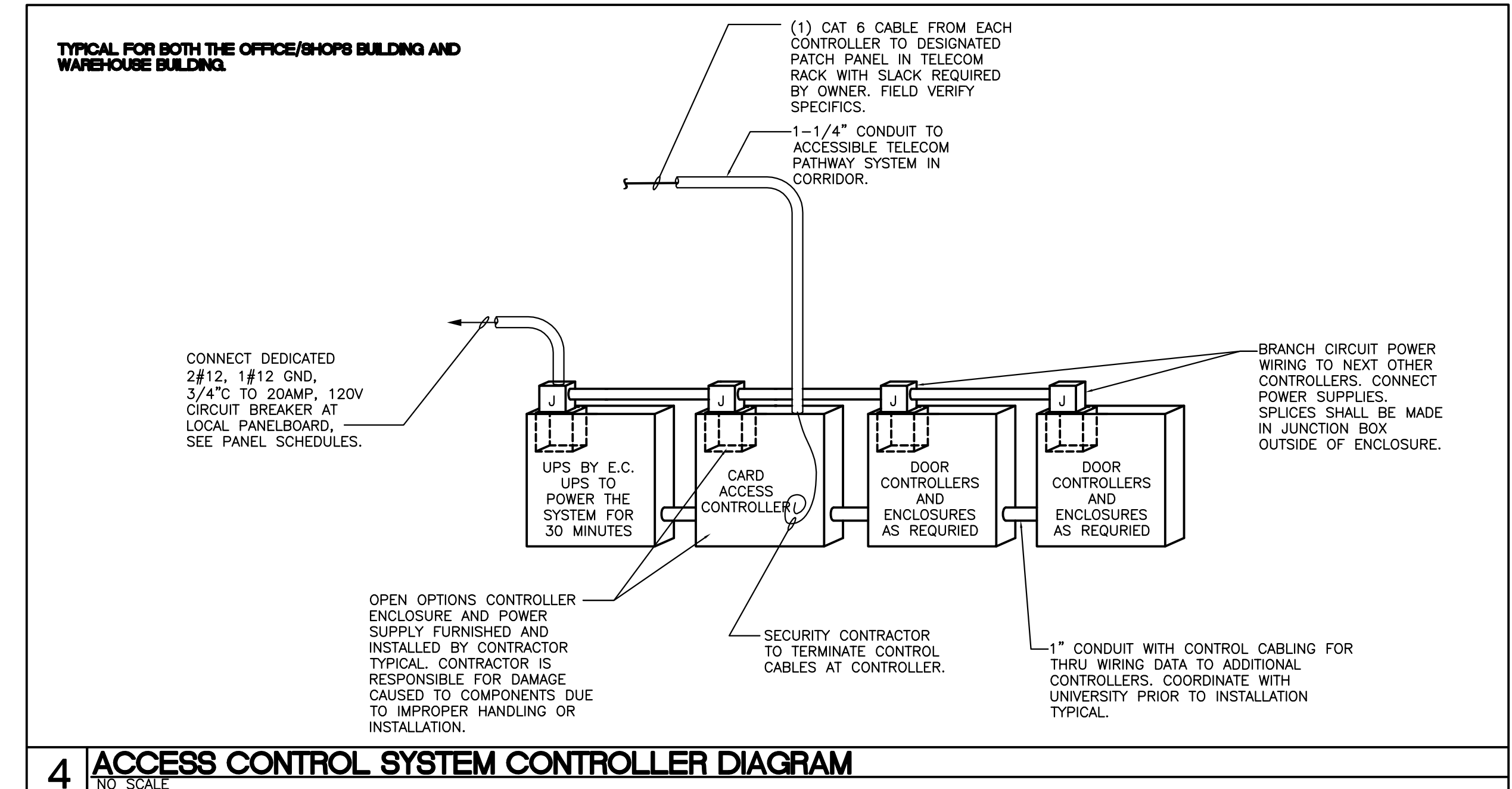
1 ADA DOOR OPERATOR
NO SCALE



2 CARD READER/DOOR PROP ALARM DIAGRAM
NO SCALE



3 TYPICAL OPEN OPTIONS SYSTEM SINGLE DOOR: CARD READER, ADA DOOR OPENER + DOOR PROP ALARM
NO SCALE



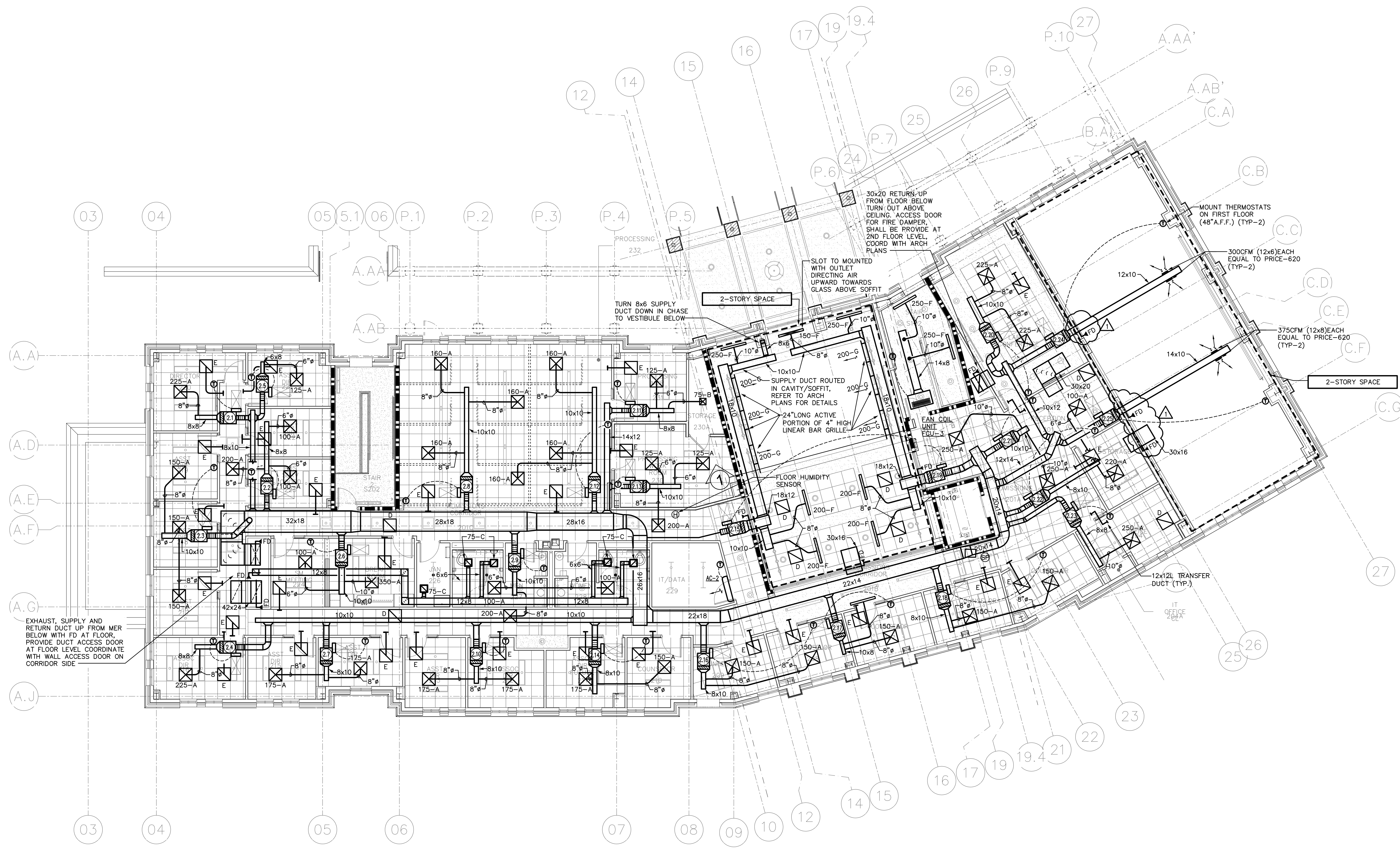
4 ACCESS CONTROL SYSTEM CONTROLLER DIAGRAM
NO SCALE

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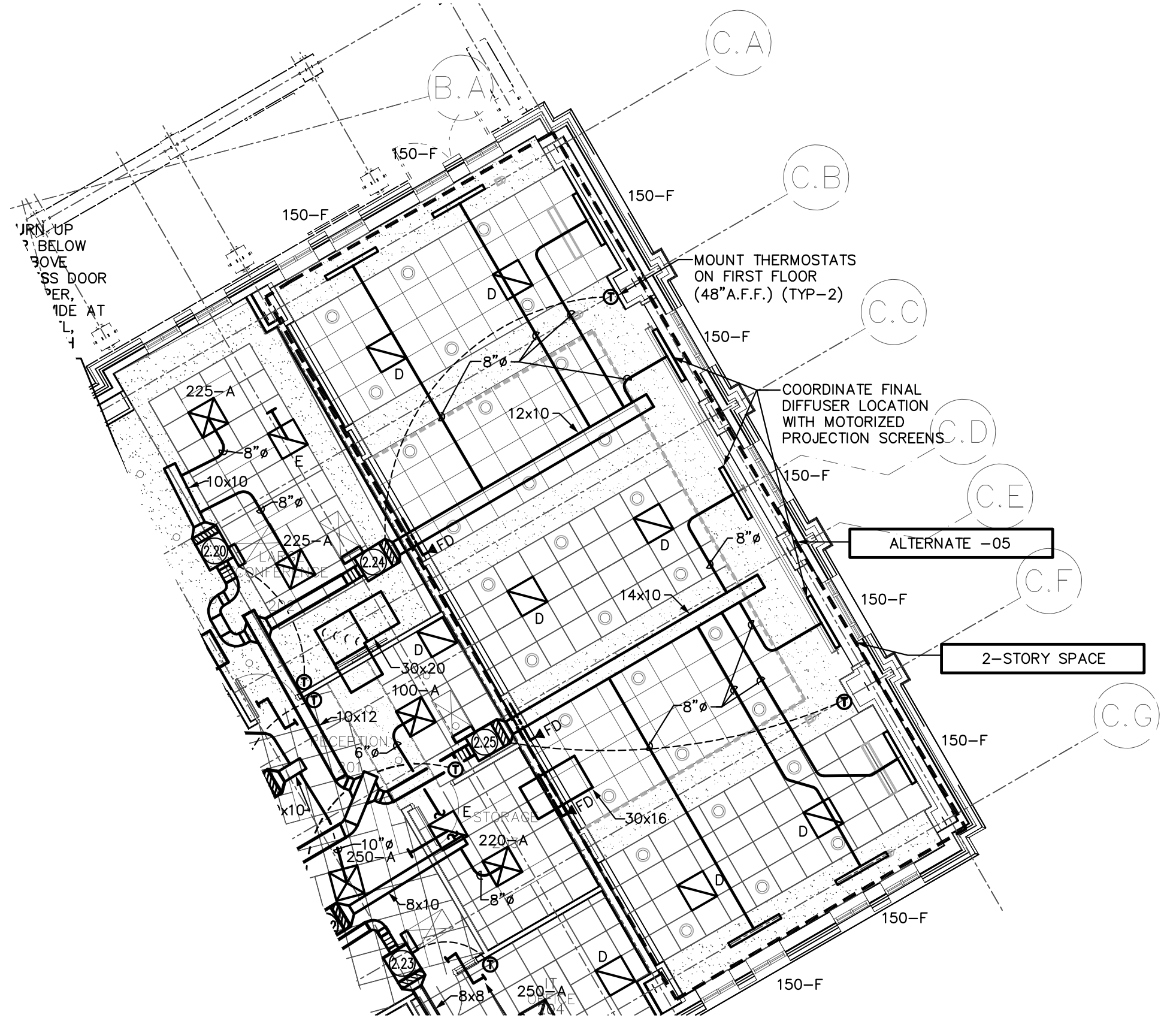
ELECTRICAL
DETAILS

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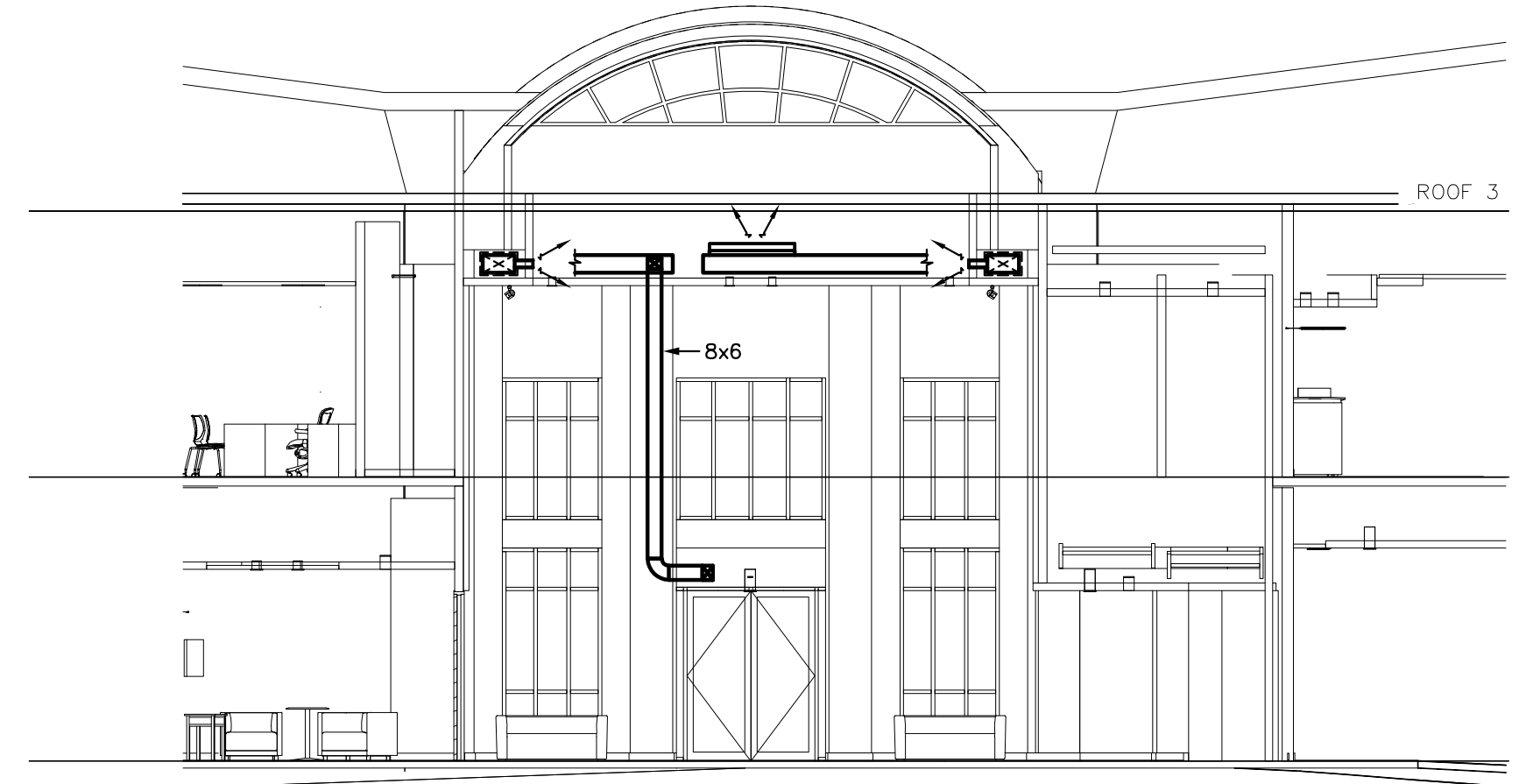
MECHANICAL
SECOND FLOOR
PLAN



1 SECOND FLOOR PLAN - MECHANICAL
1/8" = 1'-0"



2 SECOND FLOOR PLAN - MECHANICAL
1/8" = 1'-0" (ALTERNATE -#05-UPP1)



3 LOBBY SECTION-1 - MECHANICAL
1/8" = 1'-0"

RATED WALL LEGEND

	1 HOUR FIRE BARRIER
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REFER TO ARCHITECTURAL DRAWINGS FOR COMPLETE WALL CONSTRUCTION AND RATING INFORMATION.

