

ADDENDUM NO. 1 June 6th, 2024

PROJECT: ANSON INDEPENDENT SCHOOL DISTRICT VOC. TECH RENOVATION



BID DATE: June 11th, 2024 AT 2:00 PM

The following changes and/or additions shall be made to the Plans, Specifications, and Contract Documents for the above referenced project. Bidder shall acknowledge receipt of this Addendum on the Construction Costs Form.

GENERAL

Item #G1	See attached substitution request form for Alliance metal panels - Approved		
Item #G2	See attached substitution request form for Stormtite coiling door - Approved		
Item #G3	See attached substitution request form for TopHat zee-strip framing system - Approved		
Item #G4	See attached substitution request form for Elite Storage Products MFG Knock Down Metal Lockers - Approved		
Item #G5	See attached substitution request form for Textroflash mortar flashing - Approved		
Item #G6	See attached substitution request form for Red Dot Buildings as PEMB manufacturer - Approved		
SPECIFICAT	IONS		
Item #S1	Section 00 42 00 - Proposal Form – REPLACE existing specification section with attached Section 00 42 00 – Proposal Form		
Item #S2	Section 10 28 00 – Toilet, Bath, and Laundry Accessories – REPLACE existing specification section with attached Section 10 28 00 – Toilet, Bath, and Laundry Accessories		

Item #S3 Section 27 15 00 – Communications Horizontal Cabling – OMIT section in its entirety

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DRAWINGS

Item #D1	Sheet A2.0 – REPLACE sheet with attached sheet A2.0 dated 06-06-2024. UPDATED demolition floor plan & keyed notes to show saw cuts in existing slab, existing electrical J box, demolished door to storage room, and wall opening clarification.		
Item #D2	Sheet A2.2 – REPLACE sheet with attached sheet A2.2 dated 06-06-2024. UPDATED floor plan & keyed notes to show missing dimensions, pocket enclosure doors for partition wall, existing electrical J box, new door 103, and chain link fence clarification.		
Item #D3	Sheet A2.3 – REPLACE sheet with attached sheet A2.3 dated 06-06-2024. UPDATED floor plan to show missing partition tags.		
Item #D4	Sheet A2.4 – REPLACE sheet with attached sheet A2.4 dated 06-06-2024. UPDATED millwork elevation showing missing dimensions.		
Item #D5	Sheet A3.0 – REPLACE sheet with attached sheet A3.0 dated 06-06-2024. UPDATED door schedule to show updated size to door 103.		
Item #D6	Sheet A4.1 – REPLACE sheet with attached sheet A4.1 dated 06-06-2024. UPDATED exterior elevations to show revised awning note.		
Item #D7	Sheet A7.1 – REPLACE sheet with attached sheet A7.1 dated 06-06-2024. UPDATED reflected ceiling plan & keyed notes to show revised awning note and missing smoke detector note.		
Item #D8	Sheet A8.0 – REPLACE sheet with attached sheet A8.0 dated 06-06-2024. UPDATED keyed notes to show revised awning note.		
Item #D9	Sheet S1.0 – REPLACE sheet with attached sheet S1.0 dated 06-06-2024. UPDATED foundation plans & grade beam detail to clarify slab steps and show added slab slope to bus bay.		
Item #D10	Sheet M0.1 – REPLACE sheet with attached sheet M0.1 dated 06-0602024. UPDATED mechanical schedules and notes.		
Item #D11	Sheet M2.1 – REPLACE sheet with attached sheet M2.1 dated 06-0602024. UPDATED mechanical floor plan for welding hood ductwork and notes.		
Item #D12	Sheet M2.2 – REPLACE sheet with attached sheet M2.2 dated 06-0602024. UPDATED mechanical roof plan.		
Item #D13	Sheet M3.1 – REPLACE sheet with attached sheet M3.1 dated 06-0602024. REMOVED detail 4.		

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- Item #D14 Sheet M3.2 REPLACE sheet with attached sheet M3.2 dated 06-0602024. REMOVED detail 5.
- Item #D15 Sheet M3.4 REPLACE sheet with attached sheet M3.4 dated 06-0602024. ADDED detail 2.
- Item #D16 Sheet E2.0 REPLACE sheet with attached sheet E2.0 dated 06-0602024. UPDATED electrical power plan & legend showing removed projector receptacles.
- Item #D17 Sheet E2.1 REPLACE sheet with attached sheet E2.1 dated 06-0602024. UPDATED electrical equipment schedule & electrical power plan mechanical and plumbing.
- Item #D18 Sheet E4.1 REPLACE sheet with attached sheet E4.1 dated 06-0602024. UPDATED panel schedule.
- Item #D19 Sheet P0.2 REPLACE sheet with attached sheet P0.2 dated 06-0602024. UPDATED plumbing fixture schedule to show missing urinal.
- Item #D20 Sheet P1.0 REPLACE sheet with attached sheet P1.0 dated 06-0602024. UPDATED plumbing note.
- Item #D21 Sheet P2.0 REPLACE sheet with attached sheet P2.0 dated 06-0602024. UPDATED plumbing note.
- Item #D22 Sheet P2.1 REPLACE sheet with attached sheet P2.1 dated 06-0602024. UPDATED plumbing note.
- Item #D23 Sheet P3.1 REPLACE sheet with attached sheet P3.1 dated 06-0602024. UPDATED plumbing note.
- Item #D24 Sheet P5.1 REPLACE sheet with attached sheet P5.1 dated 06-0602024. UPDATED plumbing detail.

QUESTIONS

Item #Q1 Question: Will this project require section 9 verification?

Answer: No

Item #Q2 Question: Are there any building permits in Anson/will the contractor be responsible for any permitting?

Answer: Contractor to verify with the city of Anson, but we have discussed with the city and are unaware of any permitting requirements.

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Item #Q3 Question: Will there be a requirement for termite pre-treatment under the new slab?

Answer: No

Item #Q4 Question: Sheet E4.0 single line shows to leave the existing 600-amp 3P disconnect. Then sheet E4.1 shows panel A to be a 400-amp 3 phase panel with A phase at 535 amps B phase at 390 and C phase at 499 amps. Does panel A need to be rated at 600 amps not 400 amps?

Answer: The discrepancy between the connected load and the estimated load can seem alarming, but there is no cause for concern. Connected load assumes everything is on, plugged in and running 24/7. The NEC provides a safe means to diversify these loads so we don't oversize our equipment. It is the presence of welders that is causing such a discrepancy. NEC 630 provides guidance on how to right size equipment. We are assuming 20% duty cycle and have multiple welders on the same service. This allows us to diversify the load down to 30.70%. But the load for this project can be served from a 400A panel.

Item #Q5 Question: During the site visit I saw a panel located in the NW corner closet of the East wing of bus show area. Does this panel demo or ger re-fed?

Answer: The panel should be removed during demolition.

Item #Q6 Question: Is GFCI protection required for all 120-volt 20-amp circuits in Shop 111, Bus shop 116 and Bus Maintenance 118?

Answer: Is GFCI protection required for all 120-volt 20-amp circuits in Shop 111, Bus shop 116 and Bus Maintenance 118.

Item #Q7 Question: Is all conduit in Exterior was bay 117 required to be IMC as per 26 05 33-7 B?

Answer: Please use the outdoor requirements 26 05 33-7 A.

Item #Q8 Question: Will a ARC Fault study be required?

Answer: Please follow the information shown in the specification documents sections 26 05 72, 26 05 73 & 26 05 74.

Item #Q9 Question: On A2.2 note 14, FRP walls up to ceiling, however there is no designation on the drawings. Could you provide the areas where this is required?

Answer: Keyed note 14 applies to Restroom 119 on sheet A2.3; keyed note list is shared between the plan sheets (not all keyed notes are on each plan).



Item #Q10	Question: Is the demo for the concrete slab outside of Bus Shop 116 part of the alternate?
	Answer: Yes, see keyed note 14 on sheet A2.0.
Item #Q11	Question: What overhead support is required for the folding partition wall?
	Answer: Overhead support will be as recommended by folding partition manufacturer; will be supported off of the existing metal building structure above as the existing according wall is.
Item #Q12	Question: Wall types A1 and B1 call for fire rated sealant at the base of the wall. The walls and doors are not called out to fire rated. What is the purpose of the fire rated sealant?
	Answer: That is a generic note that states "match rating of partition"; if there is no rating to the wall, then there is no need for fire rated sealant.
Item #Q13	Question: In specs they reference a pocket enclosure to match the wall; not seeing this on the plans but recommend. Would you like me to provide this as an alternative?
	Answer: Pocket enclosure should be included in base bid.
Item #Q14	Question: Will demo of existing operable curtains be in operable wall number or handled by GC?
	Answer: Sub-contractor to coordinate this with GC when putting together bid.
Item #Q15	Question: Will a pass-through door be required at any point in the operable wall?
	Answer: No
Item #Q16	Question: If alternate 1 is not accepted, will the exterior façade for the east end match the new construction?
	Answer: Yes, if alternate 1 is not accepted then the existing East elevation will receive new metal siding over hat channels like other elevations (no CMU wainscot).



Item #Q17 Question: Can you further elaborate on what the "deviation to construction documents" line means at the bottom of the proposal form and what exactly would go there?

Answer: This line is intended for proposers to disclose any deviation to the construction documents or specification that are included in their proposal; if none, proposer is indicating compliance with all drawings and specifications. It is rare to have something listed on this line, but it does happen, and the owner will take that information into account when evaluating the proposals during the ranking stage.

Item #Q18 Question: On page A8.0, note 4 refers to a "roof hugger" system. After talking with a rep, he mentioned the project would need to be engineered. Is there an engineered plan for this system?

Answer: Metal-over-metal hat channel system does not need to be engineered; but our structural engineer has verified that the existing metal building can take the additional load of the channels and new layer of metal panels.

Item #Q19 Question: Is there supposed to be a fire alarm system? If so is it included in this scope.

Answer: No

Item #Q20 Question: Is data wiring by Electrical Contractor or just 1 inch conduit to accessible ceiling?

Answer: Just conduit to accessible ceiling.

Item #Q21 Question: In the door schedule on A3.0, the detail for the jamb for doors 100A and 100B are listed as detail 10 & 11. Should that also include detail 14? Also, should the masonry veneer be held back from the frames to allow the metal trim to cover?

Answer: No, these doors are in a metal stud wall; detail 14 is for metal building structure. Yes, the masonry veneer will have the metal trim cover the edge condition.

Item #Q22 Question: Is there an expected start date or timeline for construction?

Answer: Expected start date is this summer following school board approval and award. Timeline should be included in proposal by GC, but the district does not expect to be in the facility during the start of the school year for work to continue to take place until complete.

Item #Q23 Question: Will we have full access to the site to work?

Answer: Yes, existing building will be emptied for the duration of construction. Temporary fencing needs to be put up around construction area to separate site from the rest of campus as required by our specifications.

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Item #Q24	Question: Is there an expected awarding date?		
	Answer: Ranked proposals will go before the school board for their July meeting. Award would follow.		
Item #Q25	Question: Could you provide a detail for the awning posts concrete piers to show the required rebar?		
	Answer: See detail 6 on sheet S3.0; foundation design not finalized till metal building shop drawings are received.		
Item #Q26	Question: Will the interior metal wall paneling need to be panted?		
	Answer: Only the existing interior metal wall panels in Shop 111 that go up to roughly 7' - 4". All other shop walls & ceilings have new vinyl faced batt insulation as their finished surface.		
Item #Q27	Question: Do we include cost for fire alarms, and if so, which company currently provides monitoring services for the district?		
	Answer: No, just including new smoke detectors in the scope of this project. See sheet A7.1.		
Item #Q28	Question: Was there a preference of welding booths?		
	Answer: See keyed note 2 on sheet A2.2; basis of design called out, but can be approved equal.		
Item #Q29	Question: Are we correct in interpreting that the owner desires bidders to include \$150,000 for owner contingency into base bid?		
	Answer: Proposers are to include both allowances in their base bid; see section 01 21 00 Allowances in specifications.		
Item #Q30	Question: Will air conditioning be controlled by independent, in-room thermostats, or by a campus/district-level programming system? If so, what system does the district currently operate under?		
	Answer: See sheet M2.1; conditioning to be controlled by independent in-room thermostats.		

END OF ADDENDUM

TO: JACOB MARTIN
PROJECT: Anson ISD Voc. Tech Renovation
SPECIFIED ITEM:
Metal Building Systems - Wall and Roof Panels
13 34 19 4 2.8 Pac-Clad R-36 & Snap-Clad
Section Page Paragraph Description
The Undersigned requests consideration of the following:
PROPOSED SUBSTITUTION: PBR & Alliance-Lok 16
Attached data includes product description, specifications, drawings, photographs, performance
and test data adequate for evaluation of the request; applicable portions of the data are clearly
identified.

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

The undersigned states that the following paragraphs, unless modified on attachments, are correct:

- 1. The proposed substitution does not affect dimensions shown on Drawings.
- 2. The undersigned will pay for changes to the building design, including engineering design, detailing and construction costs caused by the requested substitution.

3. The proposed substitution will have no adverse effect on other trades, the construction schedule, or specified warranty requirements.

4. Maintenance and service parts will be locally available for the proposed substitution.

The undersigned further states that the function, appearance and quality of the proposed substitution are equivalent or superior to the specified item.

Submitted by: Signature: // Firm: Alliance Steel Building Systems Address : 3333 S Council Rd. OKC, OK 73179 Date: 05/23/2024 Telephone: (405) 745-7500 FAX:

ed to late		
By: Tyser Robertson		
Date: 6/6/24		
Remarks: Must comply with specifications and drawings.		

TO: JACOB|MARTIN

PROJECT: Anson ISD Voc. Tech Renovation			
SPECIFIED ITEM:			
coiling do	oor		
<u>08 33 2</u> 3	1	2.1	cooling overhead door
Section	Page	Paragraph	Description
The Undersigned requests consideration of the following:			
PROPOSED SUBSTITUTION: Overhead Door brand model 625			
			(Stormtite)

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

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

The undersigned states that the following paragraphs, unless modified on attachments, are correct:

- 1. The proposed substitution does not affect dimensions shown on Drawings.
- 2. The undersigned will pay for changes to the building design, including engineering design, detailing and construction costs caused by the requested substitution.

3. The proposed substitution will have no adverse effect on other trades, the construction schedule, or specified warranty requirements.

4. Maintenance and service parts will be locally available for the proposed substitution.

The undersigned further states that the function, appearance and quality of the proposed substitution are equivalent or superior to the specified item.

Submitted b	by:	
Signature:		
Firm:		
Address :		

Date:	
Telephone: _	
FAX:	

X Accepted O Accepted as noted			
O Not Accepted O Received to late			
By: Tyser Robertson			
Date: 6/6/24			
Remarks: Must comply with specifications and drawings.			

TO: JACOB|MARTIN

PROJECT: Anson ISD Voc. Tech Renovation SPECIFIED ITEM: hat channel, "roof hugger", metal panel overlay framing

Section Page Paragraph Description The Undersigned requests consideration of the following: **PROPOSED SUBSTITUTION:** TopHat, zee-strip

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

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

The undersigned states that the following paragraphs, unless modified on attachments, are correct:

- 1. The proposed substitution does not affect dimensions shown on Drawings.
- 2. The undersigned will pay for changes to the building design, including engineering design, detailing and construction costs caused by the requested substitution.
- 3. The proposed substitution will have no adverse effect on other trades, the construction schedule, or specified warranty requirements.
- 4. Maintenance and service parts will be locally available for the proposed substitution.

The undersigned further states that the function, appearance and quality of the proposed substitution are equivalent or superior to the specified item.

Submitted	by:	
Signature:		
Firm:		
Address :		
_		

Date:	
Telephone: _	
FAX:	

🕺 Accepted	O Accepted as noted					
O Not Accepted	O Received to late					
By: Tyser Robertson						
Date: 6/6/24						
Remarks: Must comply with specifications and drawings.						



Substitution Request

Date:

Pro	oject Name:						
Sp	ecified Item:	Pages	Description				
	Section	Puyes	Description				
Th	e undersigned requests considera	tions of the following	product substitution:				
Pr	oposed Substitution:						
	(Provide p	roduct model name /	manufacturer name)				
1.	Attached data: Certifications	Product Comparis Specifications	on Performance and Test Data Photos				
2.	2. No changes will be required to the contract documents for the proper installation of the proposed product substitution.						
1. 2. 3. 4.	substitution. The proposed substitution will h specified warranty requirements	not affect dimensions m, engineering design ave no adverse effect s.	•				
pr	-	e function, appearanc	rresponding specifications section in the e, and quality of the proposed substitutions act.				
Sig	gned: <u>Natlais Gann</u> Printed Na	ame:	Fax: (901) 367-3931				
Re	r Architect's Use: X Accepted Not Accepted viewed By/Date: <u>Tyser Robert</u> ocessed by Addendum No.: <u>1</u>	Accepted as Noted Received Too Late son 6/6/24	Incomplete Information No Substitutions Accepted For This Project/Product				
	mments: lust comply with specificatior	ns and drawings.					

TO: JACOB MARTIN

 PROJECT:

 Anson ISD Voc. Tech Renovation

 SPECIFIED ITEM:

 mortar flashing

 04 26 13
 4

 3.7
 copper flashing

 Section
 Page

 Paragraph
 Description

 The Undersigned requests consideration of the following:

 PROPOSED SUBSTITUTION:
 Textroflash

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

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

The undersigned states that the following paragraphs, unless modified on attachments, are correct:

- 1. The proposed substitution does not affect dimensions shown on Drawings.
- 2. The undersigned will pay for changes to the building design, including engineering design, detailing and construction costs caused by the requested substitution.

3. The proposed substitution will have no adverse effect on other trades, the construction schedule, or specified warranty requirements.

4. Maintenance and service parts will be locally available for the proposed substitution.

The undersigned further states that the function, appearance and quality of the proposed substitution are equivalent or superior to the specified item.

		: Joel Faukner	
	ture:	1100	
Firm:	Justice	Construction	
Addre	1 220		

Date: <u>5/31/24</u> Telephone: <u>325-695-0427</u> FAX: _____

X Accepted	O Accepted as noted				
O Not Accepted	O Received to late				
By: Tyser Robertson					
Date: 6/6/24					
Remarks: Must comply with specifications and drawings.					

CSI Form 1.5C

Project:	Anson ISD VOC Tech	Substitution Request Number:
		From: Red Dot Buildings
To:	joel@sjusticeconstruction.com	Date:
		A/E Project Number:1726-24
Re:	e Engineered Metal Building	Contract For:
Specification	Title: Pre Engineered Building	Description:
	3 34 19 Page:	Article/Paragraph:
Manufacturer	stitution: Request Red Dot Buildings to be a Red Dot Buildings Address: Athens, Texas wRed Dot Buildings	approved as PEMB Manufacturer Phone: _800.657.2234 Model No.:N/A
Attached data	includes product description, specifications, drawings ; applicable portions of the data are clearly identified.	s, photographs, and performance and test data adequate for evaluation
-		t Documents that the proposed substitution will require for its proper
 Same ma Proposed Proposed Payment substitut 	on.	pplicable, is available. s and will not affect or delay progress schedule.
Submitted by	Leslie Moore	
Signed by:	Leslie Moore	
Firm:	Red Dot Buildings	
Address:	1209 W Corsicana Street	
	Athens, Texas 75751	
Telephone:	800.657.2234	
A/E's REVIE	W AND ACTION	
Substitution Substitution	on approved - Make submittals in accordance with Spec on approved as noted - Make submittals in accordance v on rejected - Use specified materials. on Request received too late - Use specified materials.	rification Section 01 25 00 Substitution Procedures. with Specification Section 01 25 00 Substitution Procedures. Must comply with specifications and drawings.
Signed by:	yser Robertson	Date: 6/6/24
Supporting D	ata Attached: 🗌 Drawings 💽 Product Data	Samples Tests Reports
	07, Construction Specifications Institute, Page n Street, Suite 100, Alexandria, VA 22314	e 1 Form Version: June 2004 CSI Form 1.5C

This is not an official CSI Construction Contract Administration (CCA) Form. Please use CSI's official CCA Forms if required by your project needs.

PROPOSAL FORM Anson ISD Voc. Tech Building Renovation

Name of Proposer:

The Undersigned, in compliance with Advertisement of Proposals, has received and examined Contract Documents and conditions regarding this project and, having examined site of this project, propose to:

- 1. Hold proposal valid for at least 60 days after submission date.
- 2. Enter into and execute a contract, if awarded on the basis of this proposal and to furnish required bonds and insurance coverage.
- 3. Accomplish Work in accordance with Contract Documents.
- 4. Complete Work by the time stipulated in Proposal and under conditions described in Contract documents.
- 5. Accept all the provisions, terms and conditions of this proposal.

ACKNOWLEDGEMENT OF ADDENDA:

- Proposer acknowledges receipt of Addenda Nos. _____ through _____ and that the Proposals contained herein are offered in after review and consideration of same.
- To the best of the Proposer's knowledge, no Addenda have been issued.

1. BASE PROPOSAL:

Numerical Dollars _____

Written in Words

2. ALTERNATE NO. ONE:

Numerical Dollars

Written in Words _____

Days (In addition to base proposal) _____

DEVIATION TO CONSTRUCTION DOCUMENTS: Contractor shall list proposed deviations to the construction documents.

CONSTRUCTION DURATION (BASE PROPOSAL): The undersigned agrees to be Substantially Complete with all Work in ______ consecutive calendar days from Notice to Proceed.

LIQUIDATED DAMAGES: It is expressly agreed as a part of the consideration inducing the Owner to execute an Agreement that the Owner may deduct from any Payment made to the Contractor a sum equal to \$100.00 per day for each and every additional calendar day beyond the agreed dates of Substantial Completion and Final Completion. It is also agreed that the Owner may deduct a sum equal to \$100.00 per calendar day from any Payment made to Contractor before or at Final payment; or, if sufficient funds are not available, then Contractor shall pay Owner, the amounts specified per day for each and every calendar day the breach continues after the deadline for Final Completion of the Work.

By signing this Execution of Offer, I do hereby declare that I have read the Request for Competitive Sealed Proposal, on which our Proposal is submitted and had made an investigation such that Proposer is fully informed of the conditions, facilities, difficulties, restrictions and requirements which Proposer will, or may encounter in the completion of the Project, and with full knowledge of the requirements, and does hereby agree to execute a contract for above work, for stated compensation. Undersigned further agrees, if awarded contract, to execute and deliver to Architect within 10 days after contract signing, a Performance Bond (if accepted by owner) and Labor and Material Payment Bond equal to 100% of contract sum in accordance with Proposal. JACOB|MARTIN ANSON ISD - VOC. TECH RENOVATION

Name of Contracting Firm:
Address:
Authorized Signature:
Printed Name:
Title:

SEAL – If bid is by a corporation.

SECTION 10 28 00 - TOILET, BATH, AND LAUNDRY ACCESSORIES

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Commercial toilet accessories.
- B. Grab bars.

1.2 RELATED REQUIREMENTS

- A. Section 06 10 00 Rough Carpentry: Concealed supports for accessories, including in wall framing and plates.
- B. Section 10 21 13.19 Plastic Toilet Compartments.

1.3 REFERENCE STANDARDS

- A. ADA Standards Americans with Disabilities Act (ADA) Standards for Accessible Design; 2010.
- B. ASTM A269/A269M Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service; 2015a.
- C. ASTM A666 Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar; 2015.
- D. ASTM B456 Standard Specification for Electrodeposited Coatings of Copper Plus Nickel Plus Chromium and Nickel Plus Chromium; 2017.
- E. ASTM C1036 Standard Specification for Flat Glass; 2016.
- F. ASTM C1503 Standard Specification for Silvered Flat Glass Mirror; 2008 (Reapproved 2013).
- G. ICC A117.1 Accessible and Usable Buildings and Facilities; 2017.
- H. TAS Texas Accessibility Standards; 2012.

1.4 ADMINISTRATIVE REQUIREMENTS

A. Coordinate the work with the placement of internal wall reinforcement, concealed ceiling supports, and reinforcement of toilet partitions to receive anchor attachments.

1.5 SUBMITTALS

- A. See Section 01 30 00 Administrative Requirements, for submittal procedures.
- B. Product Data: Submit data on accessories describing size, finish, details of function, and attachment methods.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Toilet Accessories:
 - 1. AJW Architectural Products: www.ajw.com.
 - 2. ASI American Specialties, Inc: www.americanspecialties.com. (Basis of Design)
 - 3. Bradley Corporation: www.bradleycorp.com.
 - 4. Substitutions: Section 01 60 00 Product Requirements.
- B. All items of each type to be made by the same manufacturer.

2.2 MATERIALS

- A. Accessories General: Shop assembled, free of dents and scratches and packaged complete with anchors and fittings, steel anchor plates, adapters, and anchor components for installation.
- B. Keys: Provide 1 keys for each accessory to OWNER.
- C. Stainless Steel Sheet: ASTM A666, Type 304.
- D. Stainless Steel Tubing: ASTM A269/A269M, Grade TP304 or TP316.
- E. Mirror Glass: Annealed float glass, ASTM C1036 Type I, Class 1, Quality Q2, with silvering, protective and physical characteristics complying with ASTM C1503.
- F. Adhesive: Two component epoxy type, waterproof.
- G. Fasteners, Screws, and Bolts: Hot dip galvanized; tamper-proof; security type.

JACOB|MARTIN ANSON ISD - VOC. TECH RENOVATION 10 28 00 Toilet, Bath, and Laundry Accessories

2.3 FINISHES

- A. Stainless Steel: Satin finish, unless otherwise noted.
- B. Chrome/Nickel Plating: ASTM B456, SC 2, satin finish, unless otherwise noted.

2.4 TOILET ROOM ACCESSORIES

- A. Toilet Paper Dispenser: Single roll, surface mounted, stainless steel.
 - 1. Products:
 - a. American Specialties, Inc: Model No. 042.
- B. Paper Towel Dispenser: Folded paper type, stainless steel, surface-mounted, with viewing slots on sides as refill indicator and tumbler lock.
 - 1. Capacity: 400 C-fold minimum.
 - 2. Products:
 - a. American Specialties, Inc: Model No. 0210.
- C. Soap Dispenser: Liquid soap dispenser, wall-mounted, surface, with stainless steel cover and vertical stainless steel tank and working parts; push type soap valve, check valve, and window gage refill indicator, tumbler lock.
 - 1. Products:
 - a. American Specialties, Inc: Model No. 0347.
- D. Mirrors: Stainless steel framed, 1/4 inch thick annealed float glass; ASTM C1036.
 - 1. Annealed Float Glass: Silvering, protective and physical characteristics in compliance with ASTM C1503.
 - 2. Size: As indicated on drawings..
 - 3. Frame: 0.04 inchchannel shapes, with mitered and welded and ground corners, and tamperproof hanging system; satin finish.
 - 4. Backing: Full-mirror sized, minimum 0.03 inch galvanized steel sheet and nonabsorptive filler material.
 - 5. Products:
 - a. American Specialties, Inc: Model No. 0620.
- E. Grab Bars: Stainless steel, satin finish.
 - 1. Standard Duty Grab Bars:
 - a. Push/Pull Point Load: 250 pound-force, minimum.
 - b. Dimensions: 1-1/4 inch outside diameter, minimum 0.05 inch wall thickness,
 - concealed flange mounting, 1-1/2 inch clearance between wall and inside of grab bar.c. Length and Configuration: As indicated on drawings.
 - d. Configuration: Configure to meet requirements of Texas Accessibility Standards.
 - e. Products:
 - 1) American Specialties, Inc: Model No. 3700.
- F. Sanitary Napkin Disposal Unit: Stainless steel, surface-mounted, self-closing door, locking bottom panel with full-length stainless steel piano-type hinge, removable receptacle.
 - 1. Products:
 - a. American Specialties, Inc.: Model No. 20852.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify existing conditions before starting work.
- B. Verify exact location of accessories for installation.
- C. Verify that field measurements are as indicated on drawings.
- D. See Section 06 10 00 for installation of blocking in walls and ceilings.

3.2 PREPARATION

- A. Deliver inserts and rough-in frames to site for timely installation.
- B. Provide templates and rough-in measurements as required.

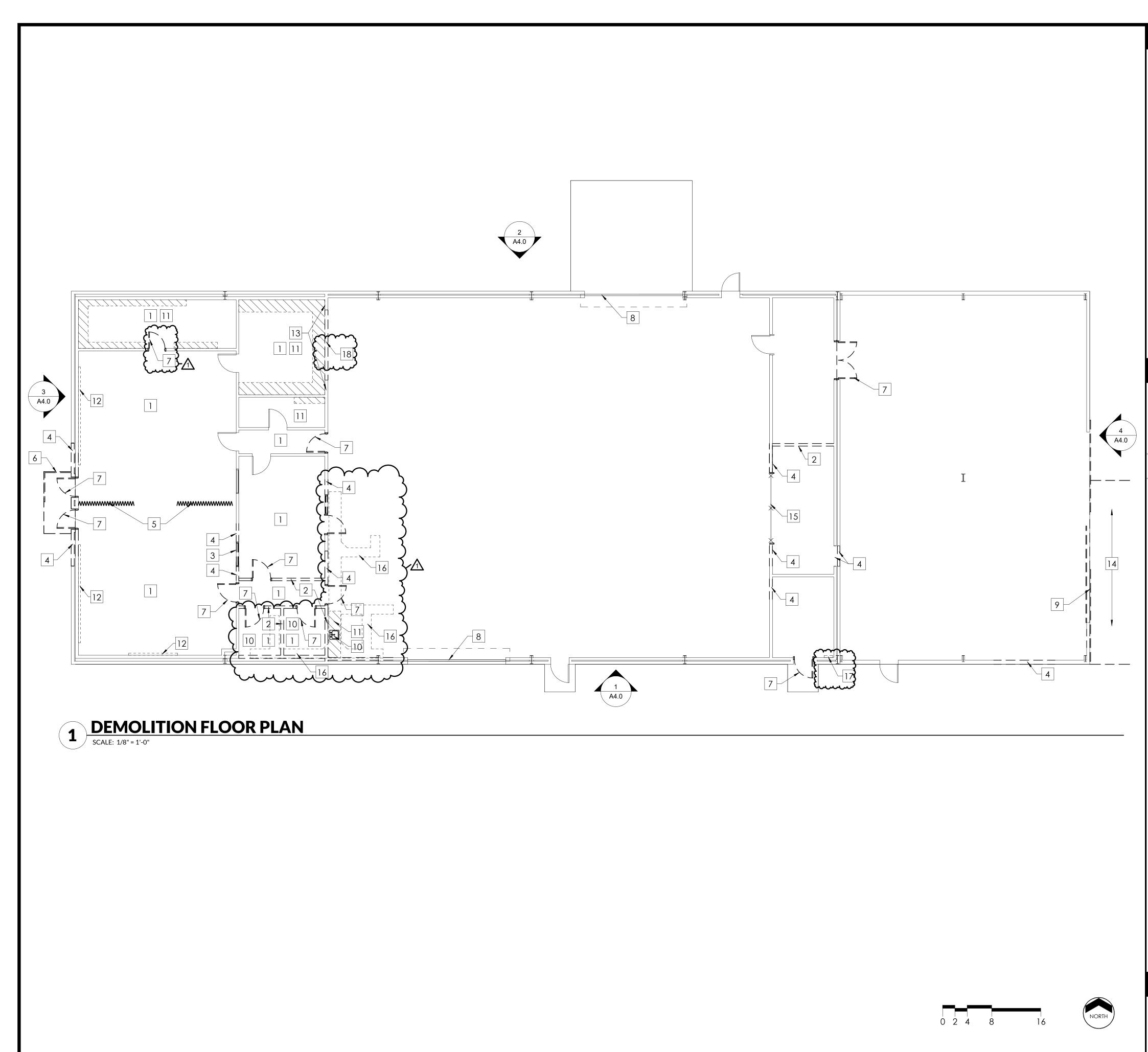
3.3 INSTALLATION

- A. Install accessories in accordance with manufacturers' instructions in locations indicated on drawings.
- B. Install Owner provided items unless indicated otherwise.
- C. Install plumb and level, securely and rigidly anchored to substrate.
- D. Mounting Heights: As required by accessibility regulations, unless otherwise indicated.

3.4 PROTECTION

A. Protect installed accessories from damage due to subsequent construction operations.

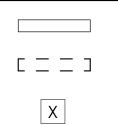
END OF SECTION



DEMOLITION NOTES

- PROVIDE NECESSARY PROTECTION TO INSURE THE SAFE PASSAGE OF PERSONS AROUND THE AREA OF DEMOLITION TO PREVENT DAMAGE TO THE ADJACENT MATERIALS. MAINTAIN CLEAR CORRIDORS AND FIRE EXITS AT ALL TIMES.
- OWNER WILL REMOVE ALL ASBESTOS MATERIAL AND OTHER RELATED MATERIALS PRIOR TO THE STARTING OF THE PROJECT OR DURING THE PROJECT UNDER SEPARATE CONTRACT. OWNER WILL SCHEDULE THIS WORK TO COORDINATE WITH CONTRACTOR'S SCHEDULE.
- EXISTING ITEMS CONCEALED AND NOT DISTURBED SHALL BE ABANDONED IN PLACE AFTER THEY ARE RENDERED HARMLESS AND USELESS. REMOVE LAMPS FROM ALL ABANDONED LIGHT FIXTURES.
- ALL ITEMS OR MATERIALS REMOVED FROM THE PROJECT SHALL BE MADE AVAILABLE FOR OWNER'S INSPECTION WITH THE OWNER RETAINING THE OPTION TO CLAIM ANY ITEM OR MATERIAL. ALL CLAIMED ITEMS AND MATERIALS BY THE OWNER SHALL REMAIN ON THE SITE. ALL OTHER ITEMS SHALL BE REMOVED FROM THE SITE.
- ALL DEMOLITION REQUIRED FOR PENETRATIONS THRU STRUCTURAL WALLS MUST BE MADE ONLY AFTER INVESTIGATION OF ACTUAL CONDITIONS (WHICH MAY OR MAY NOT BE THE SAME AS RECORDED DOCUMENTS INDICATE). PROVIDE SHORING AND BRACING AS REQUIRED FOR SPECIFIC LOCATIONS. VERIFY WITH ARCHITECT.
- REFER TO MEP SHEETS FOR ADDITIONAL DEMOLITION REQUIREMENTS OF THESE TRADES.
- G. EXISTING DOORS AND FRAMES SHALL REMAIN UNLESS NOTED OTHERWISE.
- EXISTING WINDOWS SHALL REMAIN UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL SITE VERIFY ALL CONDITIONS AND MEET ALL CITY OF ANSON CODES. ALL WORK SHALL BE EXECUTED IN STRICT ACCORDANCE WITH ALL LOCAL, STATE, AND NATIONAL CODES, ORDINANCES, AND REGULATIONS GOVERNING THE PARTICULAR CLASS OF WORK INVOLVED AS INTERPRETED BY THE INSPECTING AUTHORITY.

DEMOLITION SITE LEGEND



- EXISTING CONSTRUCTION TO REMAIN EXISTING CONSTRUCTION TO BE REMOVED
- KEYED NOTE REFER THIS SHEET

KEYED NOTES

- REMOVE EXISTING FLOORING AND ALL ADHESIVES FOR A CLEAN SURFACE. 1 2 DEMO EXISTING WALL. 3 DEMO WINDOW . 4 DEMO PORTION OF EXISTING WALL FOR NEW OPENING.
- 5 DEMO EXISTING ACCORDIAN WALL. 6 DEMO EXISTING SCREEN WALL.
- 7 DEMO EXISTING DOOR AND FRAME.
- 8 REPLACE EXISTING MANUAL ROLL UP DOOR AND FRAME WITH AN AUTOMATIC ROLL UF DOOR AND FRAME.
- 9 DEMO EXISTING SLIDIING DOOR AND FRAME.
- 10 ALL PLUMBING FIXTURES TO BE DEMOLISHED. 11 ALL MILLWORK TO BE DEMOLISHED.
- 12 REMOVE ALL TACK BOARDS AND MARKER BOARDS FROM WALL.
- 13 REMOVE GYPSUM WALL BOARD AND REPLACE WITH NEW.
- 4 UNDER ALTERNATE NO. ONE; DEMO EIXTING CONCRETE AT EXTERIOR OF DOOR.
- 15 DEMO EXISTING CHAINUNK FENCE & GATE, 16 SAWCUT AND POUR BACK SLAB FOR NEW PLUMBING AS REQUIRED. REFER TO PLUMBING DRAWINGS.
- EXISTING ELECTRICAL J BOX TO REMAIN
- 18 DEMO EXISTING WALL INFILL; PREPARE FOR NEW CMU WALL INFILL TO MATCH THE REST Contraction of the WALL

ALTERNATES

A. ALTERNATE NO. ONE - BUS MAINTENANCE ADDITION

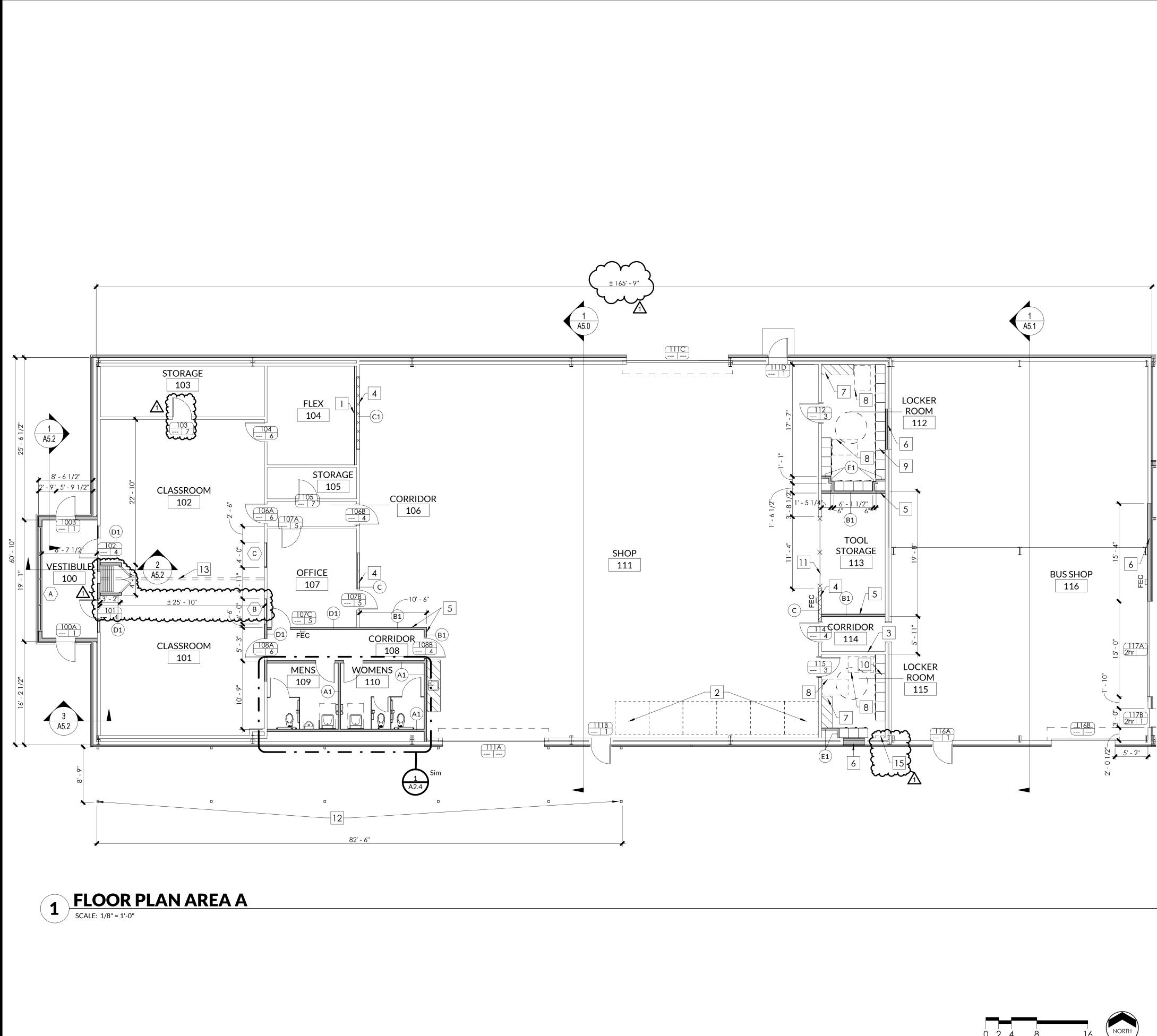
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GENERAL NOTES

- A. THE FOLLOWING NOTES APPLY TO ALL PLAN SHEETS.
- . CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCY TO THE ARCHITECT FOR CORRECTION BEFORE PROCEEDING WITH CONSTRUCTION.
- C. ALL DIMENSIONS SHOWN ARE FROM FACE OF STUD OR FACE OF MASONRY.
- D. BLOCKING SHALL BE REQUIRED IN ALL STUD WALLS TO RECEIVE HANDRAILS, GRAB BARS, SHELVING, DOOR STOPS, AND ALL OTHER SIMILAR ITEMS REQUIRING A SECURE ANCHOR.
- THE GENERAL CONTRACTOR WILL BE REQUIRED TO COORDINATE ALL TRADES AS NECESSARY TO INSTALL ALL HANGING DEVICES FOR INSTALLATION OF ALL PIPING, MECHANICAL AND ELECTRICAL SYSTEMS.
- REFER TO REFLECTED CEILING PLAN FOR PARTITION HEIGHTS AND FIRE RATING REQUIREMENTS.
- G. REFER TO MEP SHEETS FOR ADDITIONAL REQUIREMENTS.

NEW METAL STUD WALL CONSTRUCTION WINDOW TYPE - REFER TO A3 SHEETS X KEYED NOTE - REFER THIS SHEET DOOR TAG PARTITION - REFER AS SHEETS HEE FIRE EXTINGUISHER CABINET MILLWORK - REFER TO SHEET A2.5 NEW DENDING GOOTHS; BASIS OF DESIGN: UNCOIN ELECTRIC SIDE-TO-SIDE, SIX 5 'X 5', METAL WELDING BOOTHS; SEMECHANCAL OR UNE CONTROL, NO FUME CONTROL, NO FUME CONTROL, NO FUME CONTROL, NO FUME CONTROL, CRESSTEMICAL CORE TANCE FLOOR SPACE REQUIRED SEE MECHANCAL CAR UNE CONTROL, NO FUME CONTROL, CRESSTEMICLUEDED, SEE MECHANCAL AND LOCKERS TAS ACCESSEL 27'V	FLOOR PLAN LE	EGEND						
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ALTERNATES

A. ALTERNATE NO. ONE - BUS MAINTENANCE ADDITION

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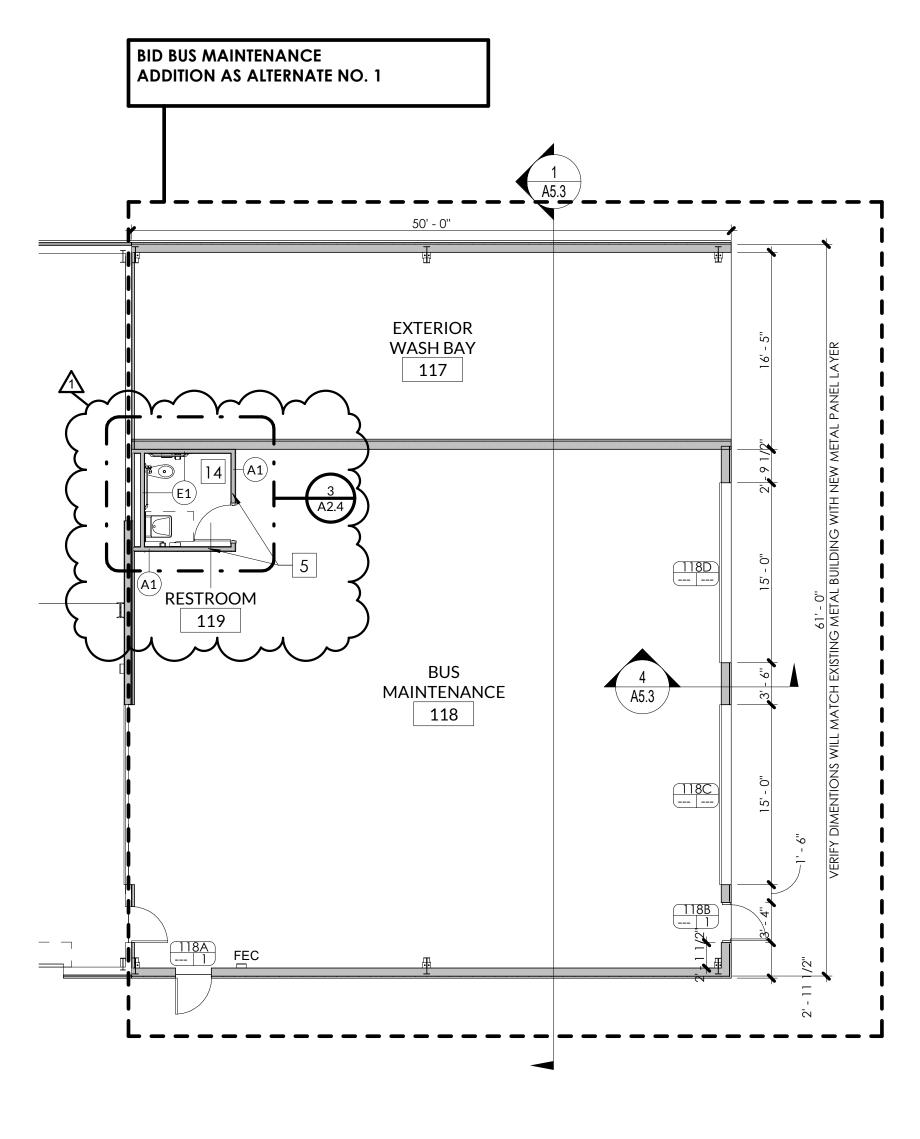
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GENERAL NOTES

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- B. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCY TO THE ARCHITECT FOR CORRECTION BEFORE PROCEEDING WITH CONSTRUCTION.
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- E. THE GENERAL CONTRACTOR WILL BE REQUIRED TO COORDINATE ALL TRADES AS NECESSARY TO INSTALL ALL HANGING DEVICES FOR INSTALLATION OF ALL PIPING, MECHANICAL AND ELECTRICAL SYSTEMS.
- F. REFER TO REFLECTED CEILING PLAN FOR PARTITION HEIGHTS AND FIRE RATING REQUIREMENTS.
- G. REFER TO MEP SHEETS FOR ADDITIONAL REQUIREMENTS.

FLOOR PLAN LEGEND

	NEW CMU WALL CONSTRUCTION					
	NEW METAL STUD WALL CONSTRUCTION					
$\langle \mathbf{x} \mathbf{x} \rangle$	WINDOW TYPE - REFER TO A3 SHEETS					
X	KEYED NOTE - REFER THIS SHEET					
	DOOR TAG DOOR NUMBER					
	HARDWARE SET					
	FIRE RATING					
1 A101	ELEVATION - REFER A4 SHEETS					
1 SIM	SECTION - REFER A5 SHEETS					
FEC	FIRE EXTINGUISHER CABINET					
	MILLWORK - REFER TO SHEET A2.4					
—(1 i)	PARTITION TYPE - REFER TO SHEET A2.5					
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2 NEW WELDING METAL WELDING	TO ADD GYPSUM WALL BOARD OVER CMU INFILL. BOOTHS; BASIS OF DESIGN: LINCOLN ELECTRIC SIDE-TO-SIDE, SIX 5' X 5' G BOOTHS WITH 47 IN. WIDE WELDING TABLE INCLUDED. NO FUME EM INCLUDED; SEE MECHANICAL FOR FUME CONTROL.					

- 3 EXSITING WALL TO REMAIN. NEW METAL STRUCTURE TO EXTEND TO DECK.4 CMU INFILL
- 5 PLACE FRP PANELS OVER GYPSUM WALLS IN SHOP UP TO 7' 4"
- 6 METAL BUILDING INFILL
- 7 TAS ACCESSIBLE 20" W BENCH
- 8 TAS CLEARANCE FLOOR SPACE REQUIRED AT BENCH AND LOCKERS
- 9 TWENTY 6' TALL, 1' 6" X 1' 6" METAL LOCKERS. 1 ACCESSIBLE LOCKER REQUIRED. SEE SPECIFICATIONS.
- 10 TEN 6' TALL, 1' 6" X 1' 6" METAL LOCKERS. 1 ACCESSIBLE LOCKER REQUIRED. SEE SPECIFICATIONS.
- 11 NEW CHAINLINK FENCE AND GATE.
- 12 NEW SELF SUPPORTING METAL BUILDING AWNING. REFER TO STRUCTURAL.
- 13 FOLDING PARTITION WALL
- 14 FRP WALLS UP TO CEILING.
- 15 EXISTING ELECTRICAL J BOX

ALTERNATES

A. ALTERNATE NO. ONE - BUS MAINTENANCE ADDITION

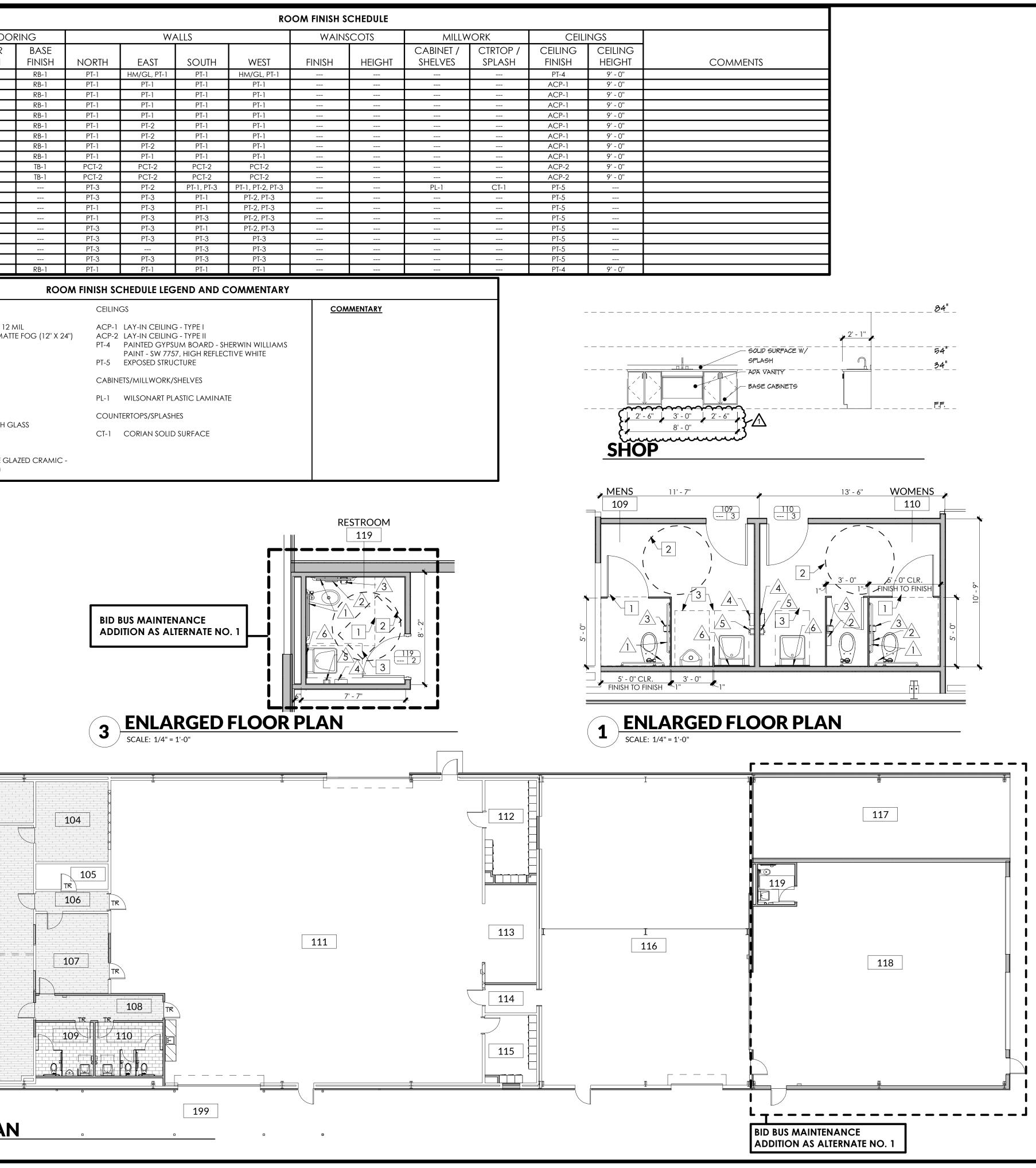
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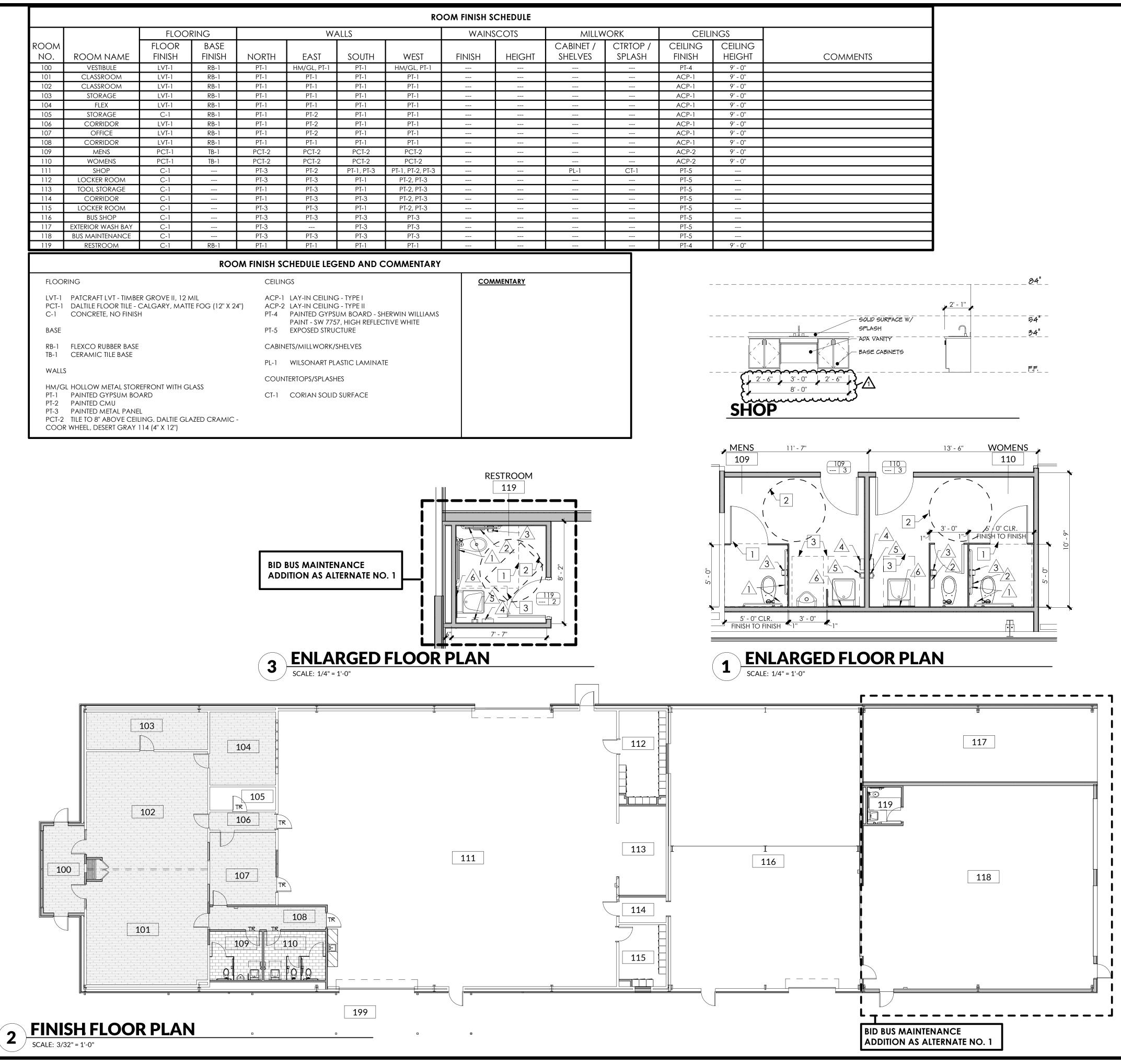
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NO.	ROOM NAME	FINISH	FINISH	NORTH	EAST	South	WEST	FINISH	
100	VESTIBULE	LVT-1	RB-1	PT-1	HM/GL, PT-1	PT-1	HM/GL, PT-1		
101	CLASSROOM	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1		
102	CLASSROOM	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1		
103	STORAGE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1		┶
104	FLEX	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1		┶
105	STORAGE	C-1	RB-1	PT-1	PT-2	PT-1	PT-1		┶
106	CORRIDOR	LVT-1	RB-1	PT-1	PT-2	PT-1	PT-1		┶
107	OFFICE	LVT-1	RB-1	PT-1	PT-2	PT-1	PT-1		┶
108	CORRIDOR	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1		┶
109	MENS	PCT-1	TB-1	PCT-2	PCT-2	PCT-2	PCT-2		
110	WOMENS	PCT-1	TB-1	PCT-2	PCT-2	PCT-2	PCT-2		
111	Shop	C-1		PT-3	PT-2	PT-1, PT-3	PT-1, PT-2, PT-3		
112	LOCKER ROOM	C-1		PT-3	PT-3	PT-1	PT-2, PT-3		
113	tool storage	C-1		PT-1	PT-3	PT-1	PT-2, PT-3		┶
114	CORRIDOR	C-1		PT-1	PT-3	PT-3	PT-2, PT-3		
115	LOCKER ROOM	C-1		PT-3	PT-3	PT-1	PT-2, PT-3		
116	BUS SHOP	C-1		PT-3	PT-3	PT-3	PT-3		┶
117	EXTERIOR WASH BAY	C-1		PT-3		PT-3	PT-3		
118	BUS MAINTENANCE	C-1		PT-3	PT-3	PT-3	PT-3		
119	RESTROOM	C-1	RB-1	PT-1	PT-1	PT-1	PT-1		
			ROO	M FINISH S	CHEDULE LEG	END AND C	COMMENTARY		
FLOO	RING			CEILIN	IGS			CO	MME
	PATCRAFT LVT - TIMBE DALTILE FLOOR TILE - C CONCRETE, NO FINISH	CALGARY, MAT			LAY-IN CEILING LAY-IN CEILING PAINTED GYPS PAINT - SW 775 EXPOSED STRUE	9 - TYPE II UM BOARD - SH 7, HIGH REFLEC	IERWIN WILLIAMS CTIVE WHITE		
RB-1 TB-1	FLEXCO RUBBER BASE CERAMIC TILE BASE				NETS/MILLWORK/		TC .		
WALLS PL-1 WILSONART PLASTIC LAMINATE COUNTERTOPS/SPLASHES									
PT-1 PT-2	EL HOLLOW METAL STOR PAINTED GYPSUM BO PAINTED CMU PAINTED METAL PANEI	ARD	BLASS	CT-1	CORIAN SOLID	SURFACE			





GENERAL NOTES

- A. THE FOLLOWING NOTES APPLY TO ALL PLAN SHEETS.
- . CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCY TO THE ARCHITECT FOR CORRECTION BEFORE PROCEEDING WITH CONSTRUCTION.
- C. ALL DIMENSIONS SHOWN ARE FROM FACE OF STUD OR FACE OF MASONRY.
- D. BLOCKING SHALL BE REQUIRED IN ALL STUD WALLS TO RECEIVE HANDRAILS, GRAB BARS, SHELVING, DOOR STOPS, AND ALL OTHER SIMILAR ITEMS REQUIRING A SECURE ANCHOR.
- THE GENERAL CONTRACTOR WILL BE REQUIRED TO COORDINATE ALL TRADES AS NECESSARY TO INSTALL ALL HANGING DEVICES FOR INSTALLATION OF ALL PIPING, MECHANICAL AND ELECTRICAL SYSTEMS.
- REFER TO REFLECTED CEILING PLAN FOR PARTITION HEIGHTS AND FIRE RATING REQUIREMENTS.
- G. REFER TO MEP SHEETS FOR ADDITIONAL REQUIREMENTS.

ENLARGED PLAN LEGEND

	NEW 8" CMU WALL CONSTRUCTION
	NEW METAL STUD WALL CONSTRUCTION
$\langle XX \rangle$	WINDOW TYPE - REFER TO A3 SHEETS
X	KEYED NOTE - REFER THIS SHEET
	<u>DOOR TAG</u> — DOOR NUMBER
	— HARDWARE SET
	FIRE RATING
1 A101	ELEVATION - REFER A4 SHEETS
1 A101	SECTION - REFER A5 SHEETS
FEC	FIRE EXTINGUISHER CABINET
	MILLWORK - REFER TO SHEET A6.0
	NEW TOILET PARTITIONS, REFER TO SPECIFICATIONS SECTION 10165
Δ	TOILET ACCESSORIES - REFER TO THIS SHEET
X KEYED N	IOTES
2 TAS WHEELCHA	T CLEAR FLOOR SPACE REQUIRED AT A TOILET, 60" x 60"
5 TAS COMPLIAN	T CLEAR FLOOR SPACE AT FIXTURE, 30" x 48"

TOILET ACCESSORIES

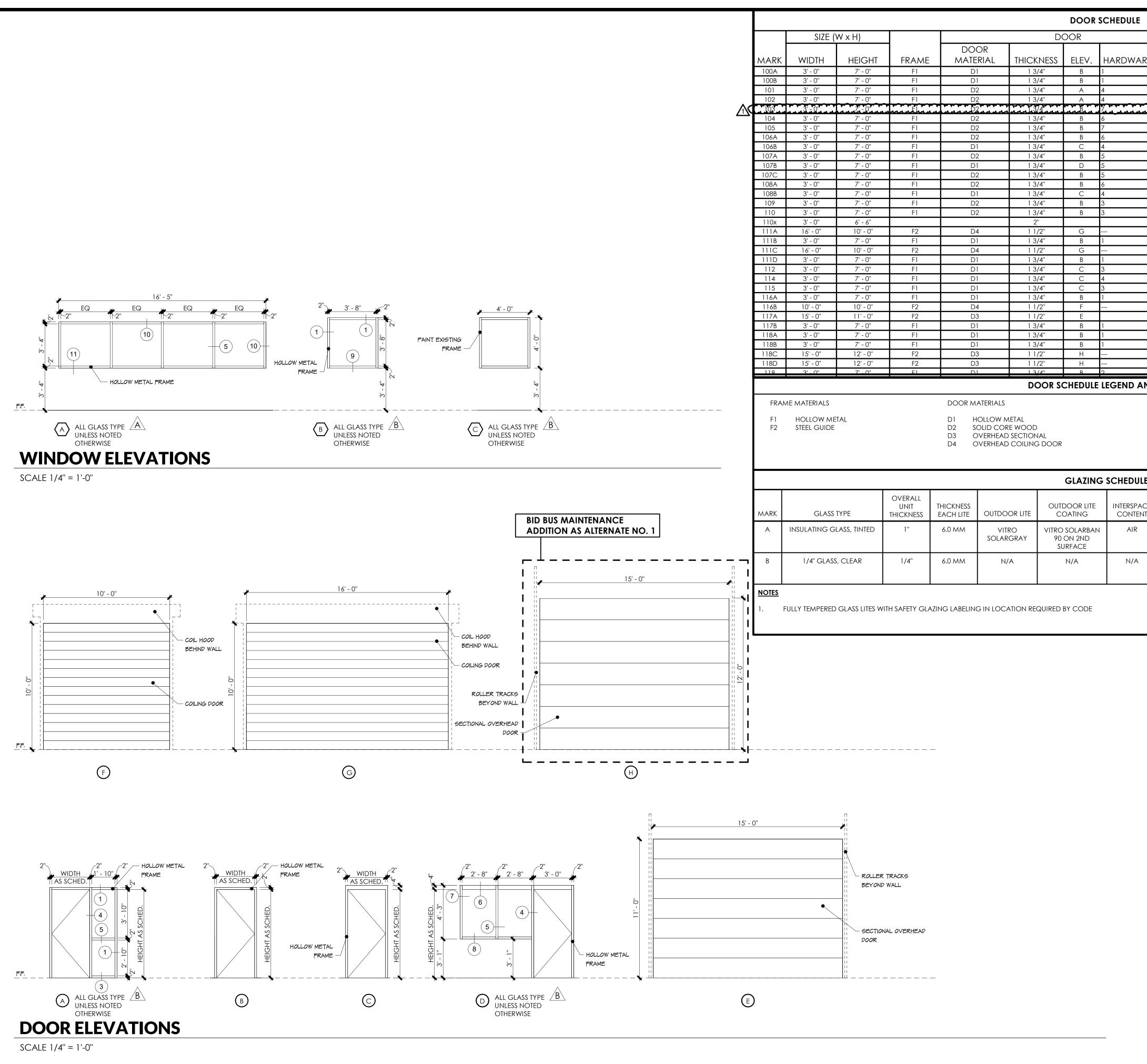
- 1 TAS GRAB BARS 36", 42"
- 2 SANITARY NAPKIN DISPOSAL UNIT
- 3 TOILET PAPER DISPENSER 4 PAPER TOWEL DISPENSER
- 5 SOAP DISPENSER
- 6 MIRROR, 30" W X 36" H

ALTERNATES

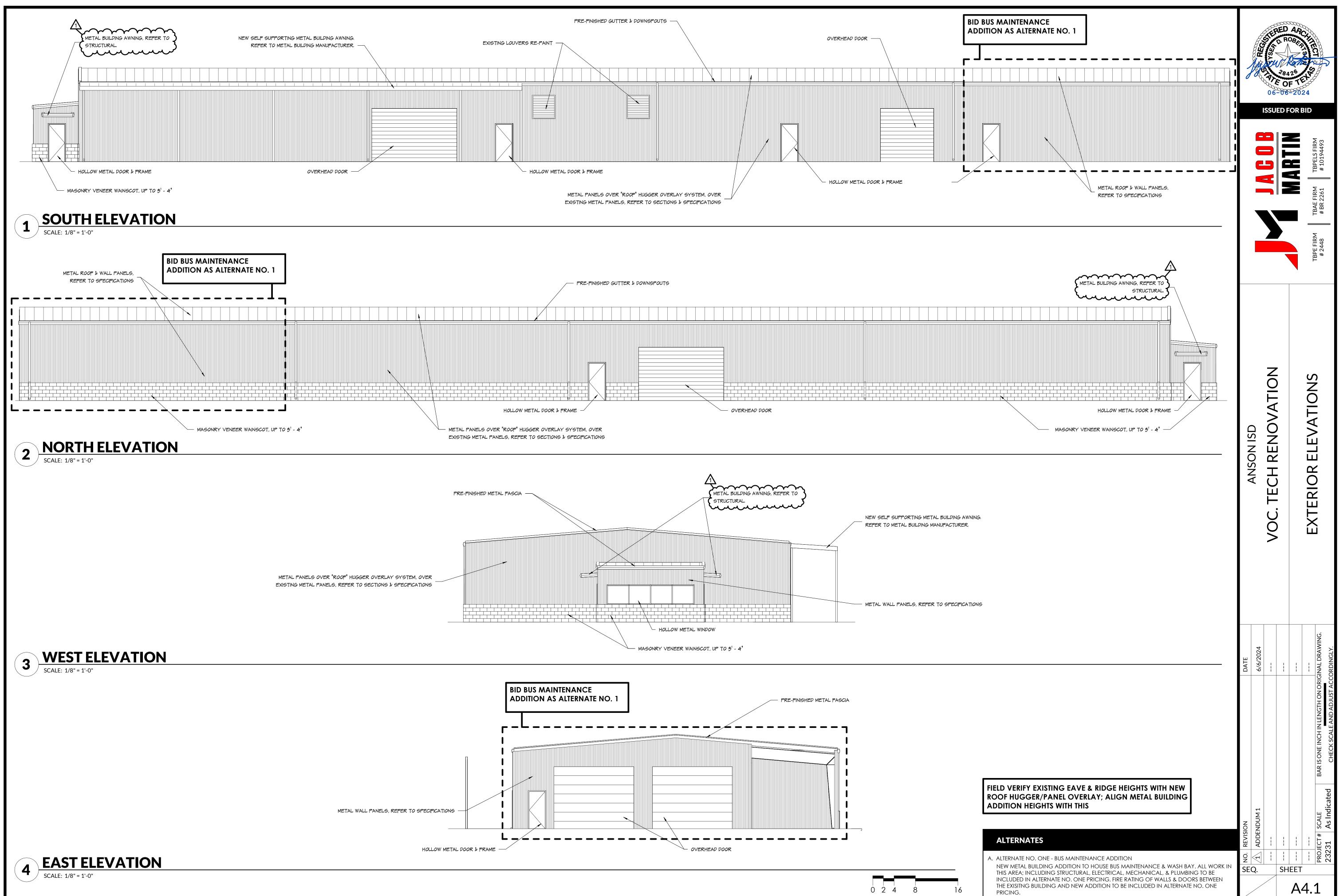
A. ALTERNATE NO. ONE - BUS MAINTENANCE ADDITION

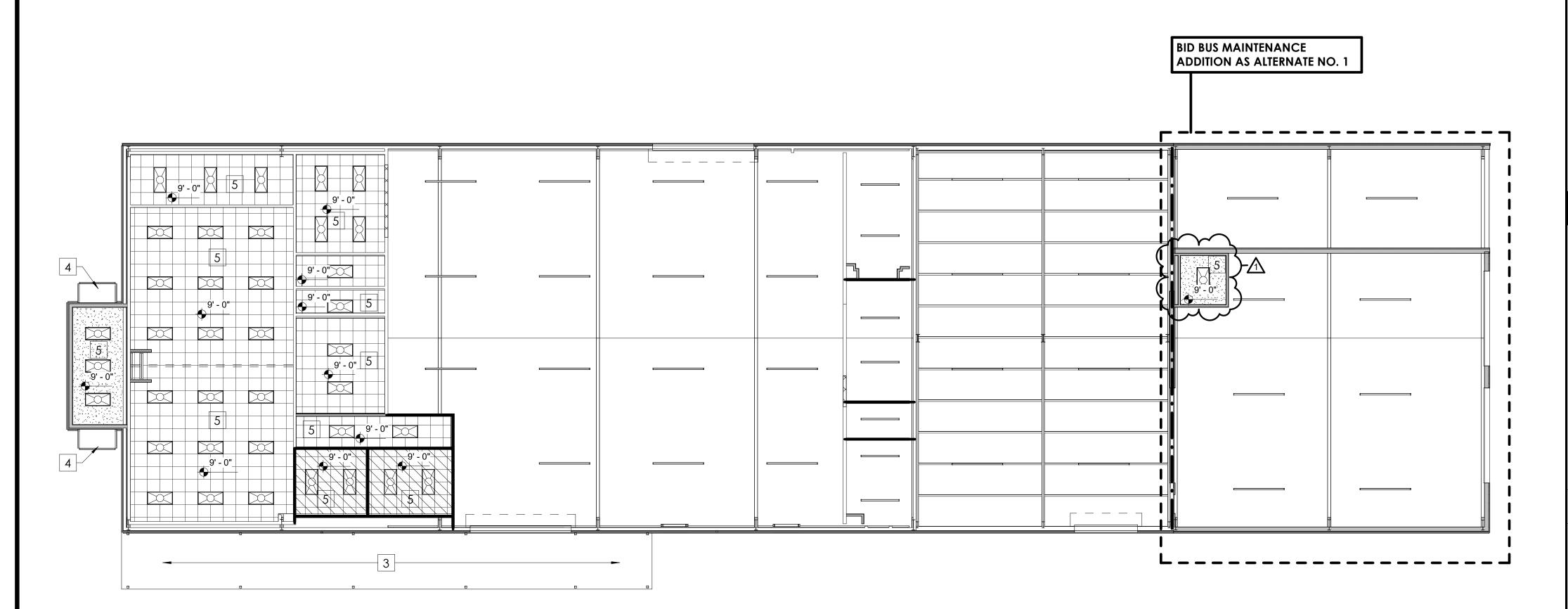
NEW METAL BUILDING ADDITION TO HOUSE BUS MAINTENANCE & WASH BAY. ALL WORK IN THIS AREA; INCLUDING STRUCTURAL, ELECTRICAL, MECHANICAL, & PLUMBING TO BE INCLUDED IN ALTERNATE NO. ONE PRICING. FIRE RATING OF WALLS & DOORS BETWEEN THE EXISITING BUILDING AND NEW ADDITION TO BE INCLUDED IN ALTERNATE NO. ONE PRICING.

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							1 BPE FIRM # 2448	
			VOC. TECH RENOVATION			EINISH SCHEDLIE & DLANS MILLWORK DETAILS		
	DATE	6/6/2024					BAR IS ONE INCH IN LENGTH ON ORIGINAL DRAWING.	CHECK SCALE AND ADJUST ACCORDINGLY.
N	S NO. REVISION	P ADDENDUM 1		 	 EET	<u> </u> 2.4		23231 As Indicated



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	A. ALTERN NEW M	etal Buildi	ne - BUS Mai Ng Additic	N TO HC		NANCE & WASH BAY. ALL WORK IN	S NO. REVISION			 	; ; ; ;		PROJECT# SCALE 23231 As Inc
	this ar Inclue	ea; includ ded in altei sitng build	NG STRUCT RNATE NO. (URAL, EL ONE PRIC	ECTRICAL, MEC	IANICAL, & PLUMBING TO BE G OF WALLS & DOORS BETWEEN UDED IN ALTERNATE NO. ONE		<u>.</u>			A:	3.0	C









RCP GENERAL NOTES COORDINATE ALL MECHANICAL ITEMS, LIGHTING, ETC. WITH CEILING CONTRACTOR. VERIFY EXACT LAYOUT WITH ARCHITECT PRIOR TO INSTALLATION. UNLESS OTHERWISE NOTED, PARTITIONS SHALL EXTEND A MINIMUM OF 4" ABOVE HIGHEST ADJACENT CEILING. CONTRACTOR SHALL RE-WORK EXISTING CEILINGS AS REQUIRED FOR INSTALLATION ° OF 1 OF ABOVE CEILING SYSTEMS, NEW WALLS, ETC. 06-06-2024 REFER TO FINISH SCHEDULE FOR CEILING HEIGHTS. D. **ISSUED FOR BID** REFER TO SPECIFICATIONS UNDER THE DIFFERENT TYPES OF CEILINGS FOR SPECIAL HANGING REQUIREMENTS. PAINT ALL EXPOSED STRUCTURE AND DUCT WORK. REFER TO FLOOR PLAN FOR PARTITION TYPES. G. 10 10 REFER TO MECHANICAL SHEETS FOR GRILLE LOCATIONS. IRM 261 **PARTITION LEGEND** ₩ BR - FULL HEIGHT PARTITION CONSTRUCTION SHALL EXTEND FULL HEIGHT TO STRUCTURE. FIR 448 ONE HOUR RATED PARTITION - - - -2 Ж # ONE HOUR FIRE RATED PARTITION PER CODE REQUIREMENTS. CONSTRUCTION SHALL EXTEND FULL HEIGHT TO STRUCTURE. ----ONE HOUR RATED FIRE/SMOKE BARRIER PARTITION ONE HOUR FIRE RATED FIRE/SMOKE BARRIER PARTITION PER CODE REQUIREMENTS. CONSTRUCTION SHALL EXTEND FULL HEIGHT TO STRUCTURE. _ - - -- TWO HOUR RATED WALL TWO HOUR FIRE RATED PARTITION PER CODE REQUIREMENTS. CONSTRUCTION SHALL EXTEND FULL HEIGHT TO STRUCTURE. **___** FOUR HOUR RATED WALL FOUR HOUR FIRE RATED PARTITION PER CODE REQUIREMENTS. CONSTRUCTION SHALL EXTEND FULL HEIGHT TO STRUCTURE. AN RENOVATION **RCP LEGEND** Д EILING 2 x 2 SUSPENDED LAY-IN CEILING - TYPE 1 $X \to X$ \square 2 x 2 SUSPENDED LAY-IN CEILING - TYPE 2 ON ISI \mathbf{O} GYPSUM BOARD CEILING OVER METAL STUD FRAMING ANS CH \Box \times 2 x 4 LED LIGHT FIXTURE ш Ú -SUSPENDED LIGHTING Х KEYED NOTE - REFER THIS SHEET REF Õ > 101 ROOM NUMBER **KEYED NOTES** Х DEMOLISH EXISTING CEILING AND LIGHTING; PREPARE FOR NEW. 1 2 REMOVE EXISTING CEILING MOUNTED PROJECTOR. RETURN TO DISTRICT. 3 NEW SELF SUPPORTING METAL BUILDING AWNING. REFER TO METAL BUILDING MANUFACTURER. 4 NEW METAL BUILDING AWNING, REFER TO STRUCTURAL. 5 PROVIDE NEW SMOKE DETECTORS.

ALTERNATES

A. ALTERNATE NO. ONE - BUS MAINTENANCE ADDITION

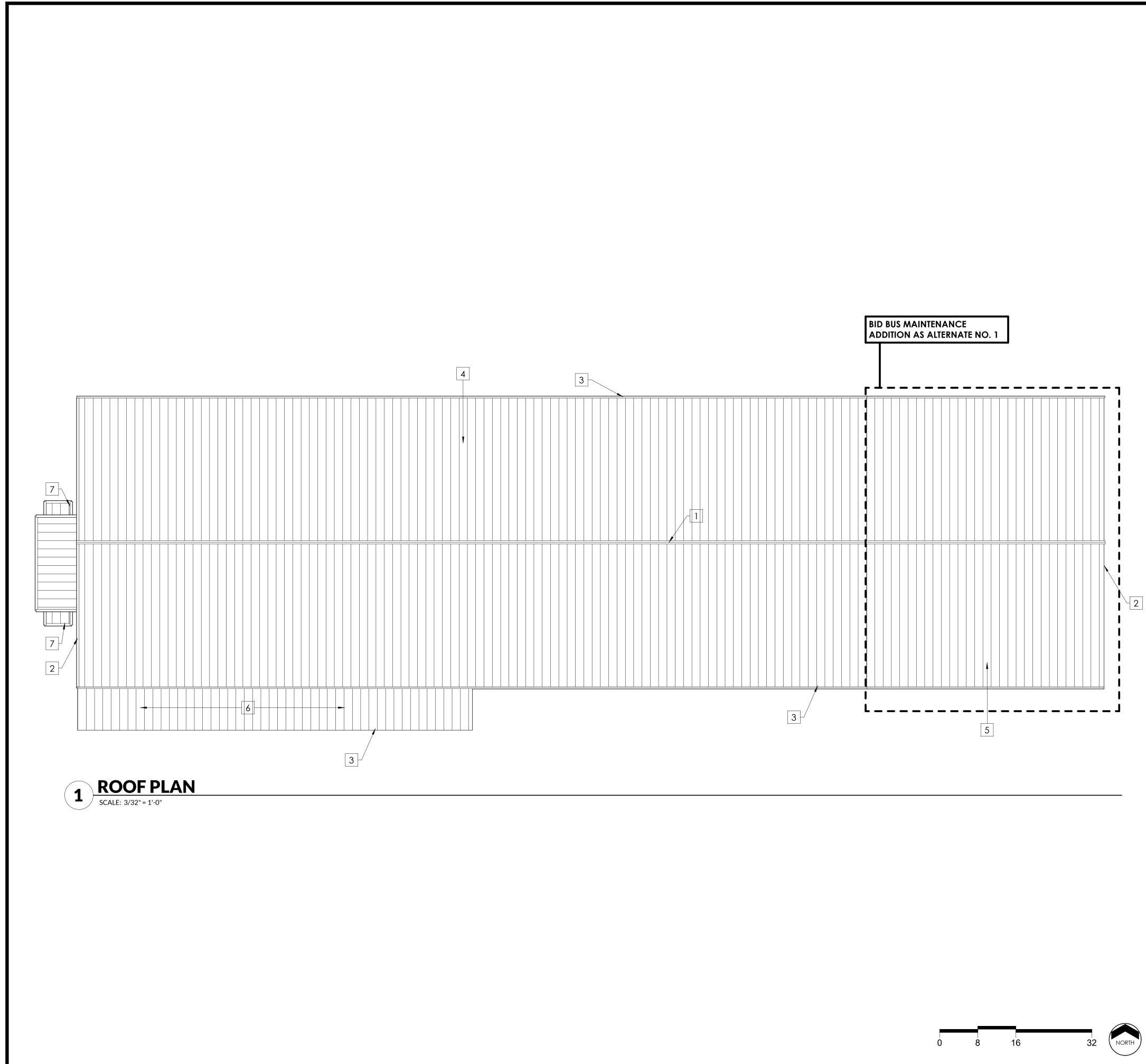
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ROOF PLAN GENERAL NOTES

- REFER TO STRUCTURAL DRAWINGS FOR EXACT ROOF SLOPE AND EXACT LOCATION OF EXPANSION JOINTS.
- REFER TO THE MECHANICAL AND PLUMBING DRAWINGS FOR ROOF TOP UNITS, ELECTRICAL CONDUIT, PLUMBING VENTS, ROOF CURBS, EXHAUST FANS, ADN OTHER EQUIPMENT LOCATED ON THE NEW AND EXISTING ROOFS.
- ROOF DRAINS SHALL BE INSTALLED BY THE ROOF CONTRACTOR.
- REFER TO ROOFING SPECIFICATIONS FOR DETAILED ROOFING SPECIFICATIONS AND THE REQUIRED ROOF WARRANTIES.
- IN ADDITION TO PADS SHOWN, INSTALL 4 LINEAR FEET OF WALK PADS AT EACH OF THE FOLLOWING LOCATIONS: NEW RTU UNITS, ALL LADDERS, AND ROOF HATCHES.
- THE MECHANICAL ROOF TOP UNITS SHALL BE INSTALLED ON SLOPING FACTORY MANUFACTUERED INSULATED CURBS. ROOF CONTRACTOR SHALL PROVIDE ALL CANTS, ROOFING, FLASHINGS, AND ADDITIONAL CONTINUOUS 1x4 NAILER ON SIDE OF MECHANICAL CURBS FOR ROOF FLASHING.
- ALL PIPING / CONDUIT SHALL BE SUPPORTED ON MANUFACTURER PIPE SUPPORTS. REFERENCE MEP SHEETS FOR LOCATIONS.

ROOF PLAN LEGEND

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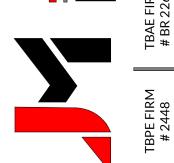
KEYED NOTES - REFER TO THIS SHEET

PRE-FINISHED METAL ROOF PANELS

KEYED NOTES

- 1 METAL BUILDING RIDGE CAP, PRE-FINISHED
- 2 METAL BUILDING RAKE TRIM, PRE-FINISHED 3 METAL BUILDING GUTTER AND DOWNSPOUTS, PRE-FINISHED
- 4 METAL ROOF PANEL OVER ROOF HUGGER, OVER EXISTING METAL ROOF, REFER TO Specifications
- 5 METAL ROOF PANEL OVER NEW METAL BUILDING, REFER TO SPECIFICATIONS
- 6 NEW SELF SUPPORTING METAL BUILDING AWNING. REFER TO METAL BUILDING
- 7 NEW METAL BUILDING AWNING, REFER TO STRUCTURAL.





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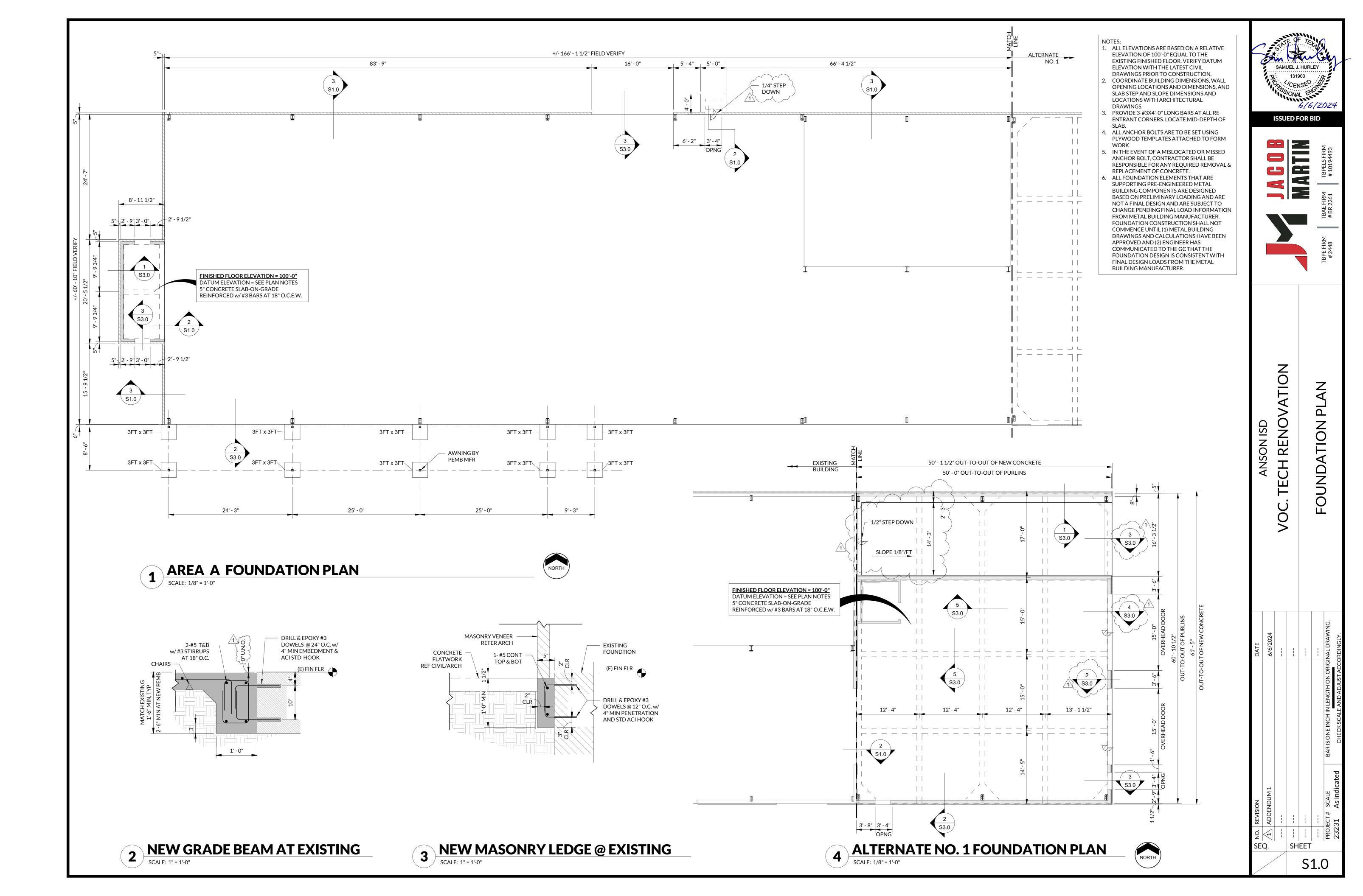
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ALTERNATES

A. ALTERNATE NO. ONE - BUS MAINTENANCE ADDITION

NEW METAL BUILDING ADDITION TO HOUSE BUS MAINTENANCE & WASH BAY. ALL WORK IN THIS AREA; INCLUDING STRUCTURAL, ELECTRICAL, MECHANICAL, & PLUMBING TO BE INCLUDED IN ALTERNATE NO. ONE PRICING. FIRE RATING OF WALLS & DOORS BETWEEN THE EXISITNG BUILDING AND NEW ADDITION TO BE INCLUDED IN ALTERNATE NO. ONE PRICING.



AIR HANDLER WITH GAS HEAT SCHEDULE

1. FUEL FOR FURNACE SHALL BE NATURAL GAS. 2. EXTERNAL STATIC PRESSURE ("WG") INCLUDES DUCTWORK, BALANCING DAMPERS AND AIR DEVICES ONLY.

3. LISTED CAPACITIES ARE FOR THE AIR HANDLER UNIT AND CONDENSER UNIT COMBINATION. UNITS SHALL PERFORM TO LISTED CAPACITIES. 4. TRANE IS THE BASIS FOR DESIGN. ACCEPTABLE ALTERNATE MANUFACTURER'S ARE: CARRIER AND YORK - NO EXCEPTIONS. CONTRACTOR IS RESPONSIBLE FOR VARIATIONS IN FIT AND ELECTRICAL SERVICE. 5. PROVIDE FILTER RACK, PLACE AND ORIENT FOR EASY FILTER ACCESS.

Yuuu	, mm	μı	m	mm	EVAP	m		ECTRICAL	·····	mm		NG PERFORMAN	KEUUU	uuu	mm	·····	COOFING	PERFORMANCE	<u>e</u> mm	·····	mm		mmmm	mm
MARK	ARRANGEMENT	UNIT CFM	O/A CFM	EVAP FAN EXT. S.P.	FAN MOTOR HP	V	PH	MCA	MOCP	HEATING INPUT (MBH)	HEATING OUTPUT (MBH)	WINTER DESIGN D.B.	WINTER EAT D.B.	WINTER LAT D.B.	COOLING SENS CAP (MBH)	COOLING TOTAL CAP (MBH)	SUMMER DESIGN D.B.	SUMMER DESIGN W.B.	ENTERING D.B.	ENTERING W.B.	WEIGHT (LBS)	PROG. T-STAT	MANUFACTURER MAKE AND MODEL	REMARKS
AHU-1	HORIZONTAL	1195	240	0.5	0.75	120	1	13.1	15	60	46.5	20	60.0	96	28.2	38.6	101	71	80.2	64.2	132	Х	TRANE 4TXC & S8X1B060	1,2,3,4,5
AHU-2	HORIZONTAL	1195	240	0.5	0.75	120	1	13.1	15	60	46.5	20	60.0	96	28.2	38.6	101	71	80.2	64.2	132	Х	TRANE 4TXC & S8X1B060	1,2,3,4,5

CONDENSING UNIT SCHEDULE

I. SIZE, ROUTE, INSULATE AND PROVIDE APPURTENANCES FOR DX PIPING SYSTEMS, PER MANUFACTURER RECOMMENDATIONS.

FOR LONG DX LINE RUNS, USE MANUFACTURER'S RECOMMENDED LONG LINE INSTALLATION GUIDELINES.
 LISTED CAPACITIES ARE FOR THE AIR HANDLER UNIT AND CONDENSER UNIT COMBINATION. UNITS SHALL PERFORM TO LISTED CAPACITIES.

5. PROVIDE FILTER DRYER AND SIGHT GLASS ON THE DX LINES.

. PROVIDE CONDENSING UNIT WITH HAIL GUARDS

MARK SERVES COMP QTY REF. TYPE COND FAN FLA (EA) FANS V PH MCA MOCP O.D.B. MIN SEER2 (ER2) WEIGHT (LBS) MANUFACTURER MAKE AND MODEL REMARKS CU-1 AHU-1 1 R-410A 1 1.05 208 3 15.0 25 105 14.5 184 TRANE 4TTA4042A3 1,2,3,4,5,6 CU-2 AHU-2 1 R-410A 1 1.05 208 3 15.0 25 105 14.5 184 TRANE 4TTA4042A3 1,2,3,4,5,6															
	MARK	SERVES	COMP QTY	REF. TYPE		COND FAN FLA (EA)	V	PH	MCA	MOCP	O.D.D.B.				REMARKS
CU-2 AHU-2 1 R-410A 1 1.05 208 3 15.0 25 105 14.5 184 TRANE 4TTA4042A3 1,2,3,4,5,6	CU-1	AHU-1	1	R-410A	1	1.05	208	3	15.0		105	14.5	184	TRANE 4TTA4042A3	1,2,3,4,5,6
	CU-2	AHU-2	1	R-410A	1	1.05	208	3	15.0	25	105	14.5	184	TRANE 4TTA4042A3	1,2,3,4,5,6

EXHAUST FAN SCHEDULE

1. OR APPROVED EQUAL 2. FAN TO RUN CONTINUOUSLY

3. LOREN COOK IS THE BASIS FOR DESIGN. ACCEPTABLE ALTERNATE MANUFACTURER'S ARE: GREENHECK, TWIN CITY, AND CAPTIVEAIRE - NO E VARIATIONS IN FIT AND ELECTRICAL SERVICE. 4. PROVIDE A GRAVITY BACKDRAFT DAMPER

5. PROVIDE FAN WITH INTEGRAL DISCONNECT

3. PROVIDE INSULATED FACTORY ROOF CURB TO MATCH ROOF TYPE AND SLOPE 7. SUSPEND FROM STRUCTURE ABOVE, USE FAN MANUFACTURER'S HANGING VIBRATION ISOLATOR KIT

3. PROVIDE SPARK PROOF FAN CONSTRUCTION.

9. FAN CONTROLLER TO BE PROVIDED ON SIDE OF WELDING HOOD. 10. PROVIDE OSHA APPROVED GUARDS.

11. PROVIDE GALVANIZED STEEL ENCLOSURE.

12. PROVIDE MANUFACTURER WALL FLANGE. 13. PROVIDE WEATHER RESISTANT SHUTTER.

14. PROVIDE GALVANIZED BIRD SCREEN.

15. ADD-ALTERNATE PIECE OF EQUIPMENT. LIST AS SEPARATE LINE ITEM IN QUOTE. 16. PROVIDE A WHITE, ALUMINUM GRILLE FOR CEILING MOUNTED CABINET FAN.

17. FAN TO BE CONTROLLED BY LIGHT SWITCH.

18. BACKWARD INCLINED FAN $\left.\right\rangle$

U.												
	MARK	SERVES	UNIT CFM	FAN EXT. S.P.	FAN HP (WATTS)	V	PH	DRIVE	SONES	WEIGHT (LBS)	MANUFACTURER MAKE AND MODEL	REMARKS
	EF-1	109, 110 BATHROOM	200	0.4	1/6	115	1	DIRECT	5.1	45	LOREN COOK SQND	1,2,3,4,5,7
\wedge	EF-2	112, 115 LOCKER ROOM	90	0.5	1/6	115	1	DIRECT	6.8	39	LOREN COOK ACED	1,2,3,4,5,6
\rightarrow	EF-3	WELDING HOODS	11200	0.75	5	208	3	BELT	20	243	LOREN COOK ACRUB	1,2,3,4,5,6,8,9,18
	EF-4	118 BUS MAINTENANCE	1560	0.15	1/4	115	\rightarrow 1 \sim	DIRECT	13.4	24	LOREN COOK XWD	1,2,3,5,10,11,12,13,14,15
	EF-5	117 EXTERIOR WASH BAY	550	0.15	0.05	115	1	DIRECT	7.8	17	LOREN COOK XWD	1,2,3,5,10,11,12,13,14,15
	EF-6	119 RESTROOM	75	0.4	(31.9)	120	1	DIRECT	2.0	12	LOREN COOK GC	1,3,4,5,15,16,17

GAS UNIT HEATER (SEPARATED COMBUSTION) SCHEDULE

I. UNIT EQUIPED FOR NATURAL GAS

2. PROVIDE WALL MOUNTED, SINGLE STAGE THERMOSTAT WITH METAL LOCKING COVER 3. PROVIDE WITH OPTIONAL SPARK-IGNITED, INTERMITTENT SAFETY PILOT WITH ELECTRONIC FLAME SUPERVISION AND TIME LOCKOUT 4. OR APPROVED EQUAL

5. MOUNT SECURELY ON WALL AT 9' A.F.F. TO BOTTOM OF UNIT WITH FACTORY MOUNTING BRACKETS 6. ADD-ALTERNATE PIECE OF EQUIPMENT. LIST AS SEPARATE LINE ITEM IN QUOTE.

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	MARK	SERVES	UNIT CFM	HEATING INPUT (MBH)	HEATING OUTPUT (MBH)	FAN MOTOR HP	V	PH	MANUFACTURER MAKE AN MODEL
	UH-1	111 SHOP	2305	225	186.75	3/4	115	1	REZNOR UBZ225
	UH-2	111 SHOP	2305	225	186.75	3/4	115	1	REZNOR UBZ225
	UH-3	116 BUS SHOP/AG	1075	105	87.15	1/3	115	1	REZNOR UBZ100
	UH-4	116 BUS SHOP/AG	1075	105	87.15	1/3	115	1	REZNOR UBZ100
	UH-5	118 BUS MAINTENANCE	2305	225	186.75	3/4	115	1	REZNOR UBZ225
	UH-6	118 BUS MAINTENANCE	2305	225	186.75	3/4	115	1	REZNOR UBZ225

HVLS FAN SCHEDULE

I. OR APPROVED EQUAL 2. BIG ASS FANS IS THE BASIS OF DESIGN. CONTRACTOR IS RESPONSIBLE FOR VARIATIONS IN FIT AND ELECTRICAL SERVICE IF APPROVED EQUAL.

3. PROVIDE FANS WITH INTEGRAL DISCONNECT. 4. EXTENSION TUBE TO BE FIELD VERIFIED BEFORE ORDERING.

5. PROVIDE DRY CONTACT RELAY AT FAN CONTROLLER FOR FIRE ALARM SIGNAL INPUT. UPON FIRE ALARM ACTIVATION, FAN SHALL DISENGAGE.

6. MOUNT FAN WITH MINIMUM OF 2'-0" CLEARANCE IN ALL DIRECTIONS FROM POSSIBLE OBSTRUCTIONS. 7. ADD ALTERNATE EQUIPMENT. LIST AS SEPARATE LINE ITEM IN QUOTE.

MARK	SERVES	DIAMETER (FT)	V	PH	WEIGHT (LBS)	MANUFACTURER MAKE AND MODEL	REMARKS
HVLS-1	111 SHOP	8	208	3	212	POWERFOIL D	1,2,3,4,5,6,7
HVLS-2	111 SHOP	8	208	3	212	POWERFOIL D	1,2,3,4,5,6,7
HVLS-3	116 BUS SHOP/AG	8	208	3	212	POWERFOIL D	1,2,3,4,5,6,7
HVLS-4	118 BUS MAINTENANCE	8	208	3	212	POWERFOIL D	1,2,3,4,5,6,7

AIR DEVICE SCHEDULE
1. UNITS SHALL BE FURNISHED WITH APPROPRIATE FRAMES, ETC. FOR MOUNTING IN RESPECTIVE CEILING/WALL TY
AND CONDITIONS
2. OFF-WHITE BAKED ENAMEL FINISH

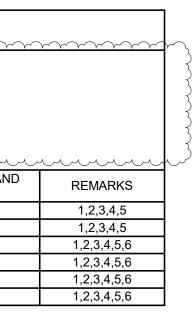
3. OR APPROVED EQUAL

4. FOUR-WAY THROW UNLESS OTHERWISE INDICATED ON PLAN 5. TRANSITION FROM BACK OF GRILLE TO DUCT SIZE SHOWN

MARK	SERVES	NECK SIZE	FACE SIZE	TYPE	MOUNTING	REMARKS		
А	SUPPLY	6" DIA.	24" X 24"	TITUS TMS	LAY-IN	1,2,3,4		
В	SUPPLY	8" DIA.	24" X 24"	TITUS TMS	LAY-IN	1,2,3,4		
С	SUPPLY	10" DIA.	24" X 24"	TITUS TMS	LAY-IN	1,2,3,4		
D	RETURN	22" X 22"	24" X 24"	TITUS PAR	LAY-IN	1,2,3		
E	EXHAUST	6" DIA.	12" X 12"	TITUS PAR	SURFACE	1,2,3		
F	EXHAUST	8" DIA.	24" X 24"	TITUS PAR	LAY-IN	1,2,3		
G	EXHAUST	6" X 6"	NECK + 1 3/4"	TITUS 350RL	SURFACE	1,2,3,5		

TRANE IS THE BASIS FOR DESIGN. ACCEPTABLE ALTERNATE MANUFACTURER'S ARE: CARRIER AND YORK - NO EXCEPTIONS. CONTRACTOR IS RESPONSIBLE FOR VARIATIONS IN FIT AND ELECTRICAL SERVICE.

EXCEPTIONS.	CONTRACTOR IS RESPONSIBLE FOR



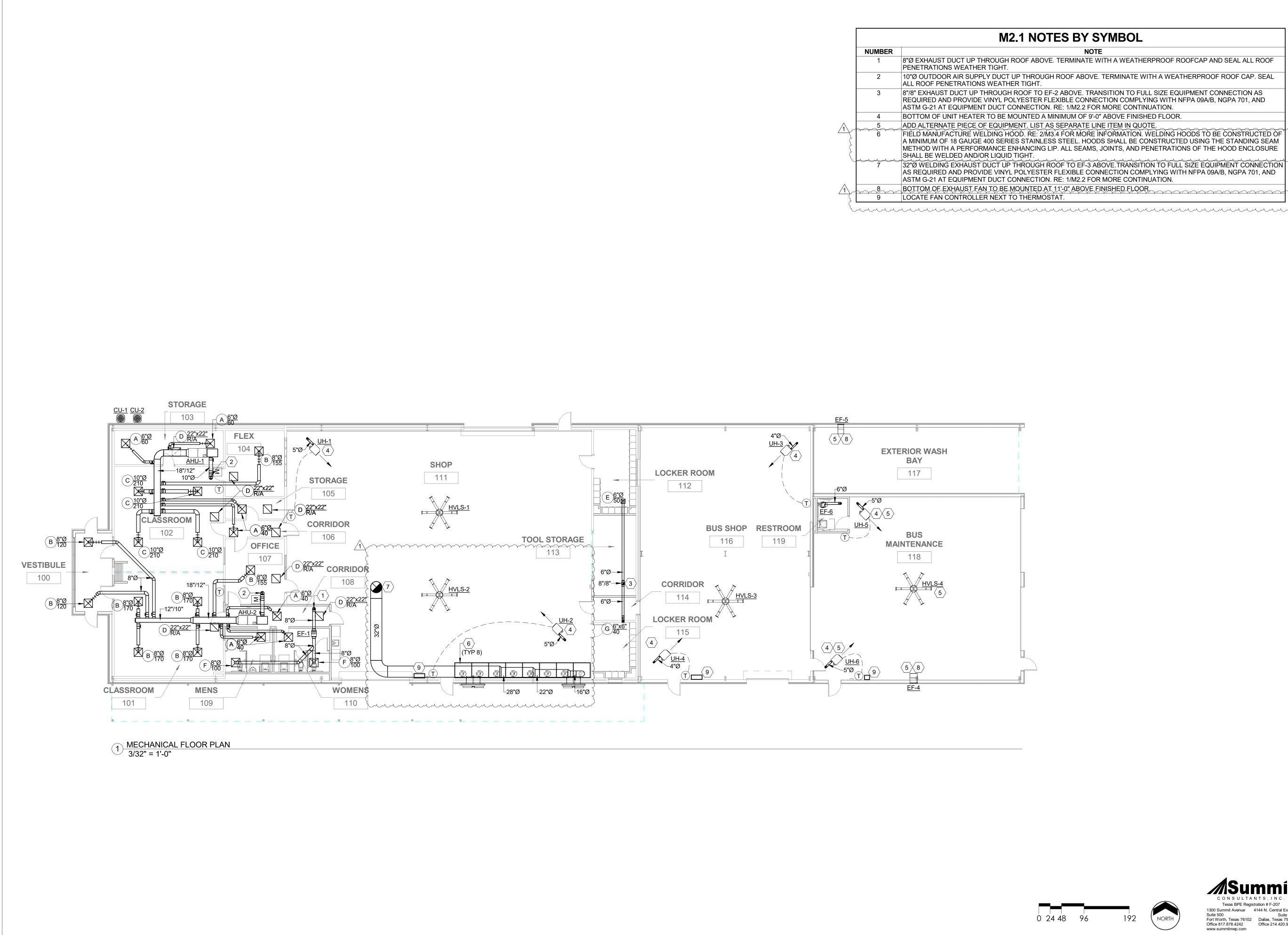
		06/ HAD	06 LE 022 CEN	<u> </u>		8
						# BR 2261 # 10194493
						1 BPE FIKW # 2448
ANSON ISD		VOC. TECH RENOVATION				
DATE	06/06/2024					BAR IS ONE INCH IN LENGTH ON ORIGINAL DRAWING. CHECK SCALE AND ADJUST ACCORDINGLY.
NO. REVISION	Y ADDENDUM 1		 SH		 0.	PROJECT # SCALE

∕∕ISummít CONSULTANTS, INC Texas BPE Registration # F-207

1300 Summit Avenue4144 N. Central ExpwySuite 500Suite 635Fort Worth, Texas 76102Dallas, Texas 75204Office 817.878.4242Office 214.420.9111

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Y	PI	E	s	



		M2.1 M
	NUMBER	
	1	8"Ø EXHAUST DUCT UP THROUGH ROOF PENETRATIONS WEATHER TIGHT.
	2	10"Ø OUTDOOR AIR SUPPLY DUCT UP TH ALL ROOF PENETRATIONS WEATHER TIG
	3	8"/8" EXHAUST DUCT UP THROUGH ROOF REQUIRED AND PROVIDE VINYL POLYEST ASTM G-21 AT EQUIPMENT DUCT CONNEC
	4	BOTTOM OF UNIT HEATER TO BE MOUNT
		ADD ALTERNATE PIECE OF EQUIPMENT. I FIELD MANUFACTURE WELDING HOOD. R A MINIMUM OF 18 GAUGE 400 SERIES STA METHOD WITH A PERFORMANCE ENHANG SHALL BE WELDED AND/OR LIQUID TIGHT
	7	32"Ø WELDING EXHAUST DUCT UP THROU AS REQUIRED AND PROVIDE VINYL POLY ASTM G-21 AT EQUIPMENT DUCT CONNEC
Δ	}}}	BOTTOM OF EXHAUST FAN TO BE MOUNT LOCATE FAN CONTROLLER NEXT TO THE
ξ '		

NOTES BY SYMBOL

NOTE ABOVE. TERMINATE WITH A WEATHERPROOF ROOFCAP AND SEAL ALL ROOF

HROUGH ROOF ABOVE. TERMINATE WITH A WEATHERPROOF ROOF CAP. SEAL IGHT

OF TO EF-2 ABOVE. TRANSITION TO FULL SIZE EQUIPMENT CONNECTION AS STER FLEXIBLE CONNECTION COMPLYING WITH NFPA 09A/B, NGPA 701, AND ECTION. RE: 1/M2.2 FOR MORE CONTINUATION.

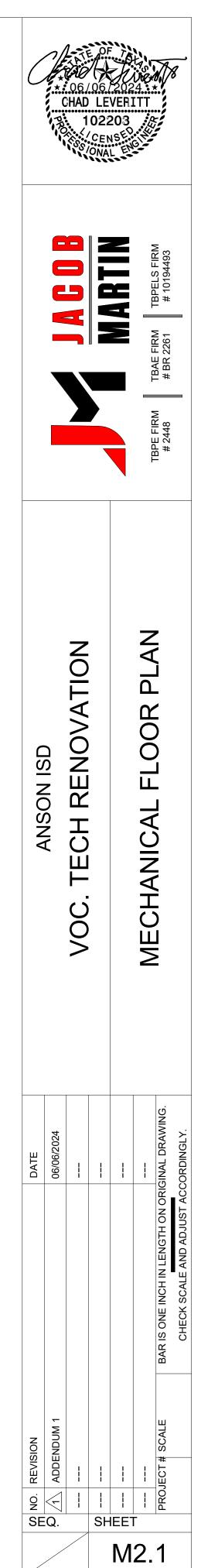
TED A MINIMUM OF 9'-0" ABOVE FINISHED FLOOR.

LIST AS SEPARATE LINE ITEM IN QUOTE.

ŘE: 2/M3.4 FOR MORE INFORMATION. WELDING HOODS TO BE CONSTRUCTED OF TAINLESS STEEL. HOODS SHALL BE CONSTRUCTED USING THE STANDING SEAM NCING LIP. ALL SEAMS, JOINTS, AND PENETRATIONS OF THE HOOD ENCLOSURE

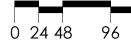
OUGH ROOF TO EF-3 ABOVE. TRANSITION TO FULL SIZE EQUIPMENT CONNECTION LYESTER FLEXIBLE CONNECTION COMPLYING WITH NFPA 09A/B, NGPA 701, AND IECTION. RE: 1/M2.2 FOR MORE CONTINUATION. NTED AT 11'-0" ABOVE FINISHED FLOOR.

ERMOSTAT.

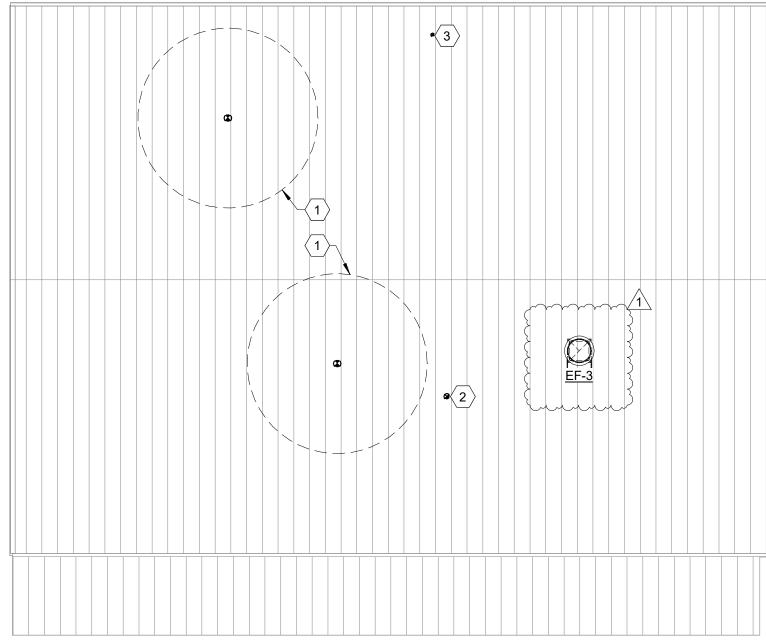








192



1 MECHANICAL ROOF PLAN 3/32" = 1'-0"

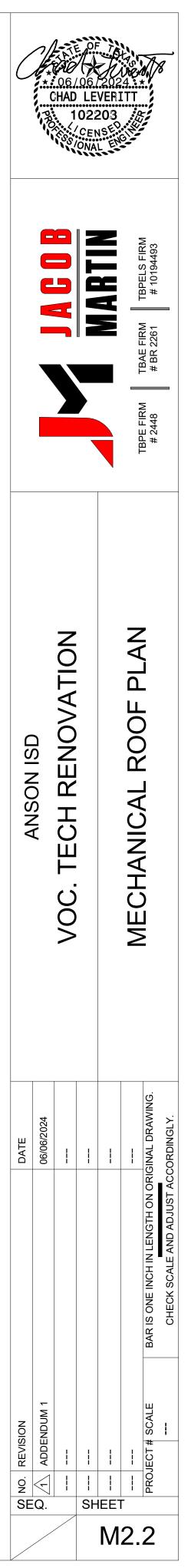
	M2.2 I
NUMBER	
1	MAINTAIN 10'-0" CLEARANCE BETWEEN A
2	8" EXHAUST DUCT UP FROM LEVEL BELO
3	UNIT HEATER VENT FROM LEVEL BELOW
4	6"Ø EXHUAST DUCT UP FROM BELOW. PF WEATHER TIGHT. RE: 1/M2.1 FOR CONTIN

3.	
€F-2	
3.	
3.	
	• 3
	4
)a
	•
	3

NOTES BY SYMBOL

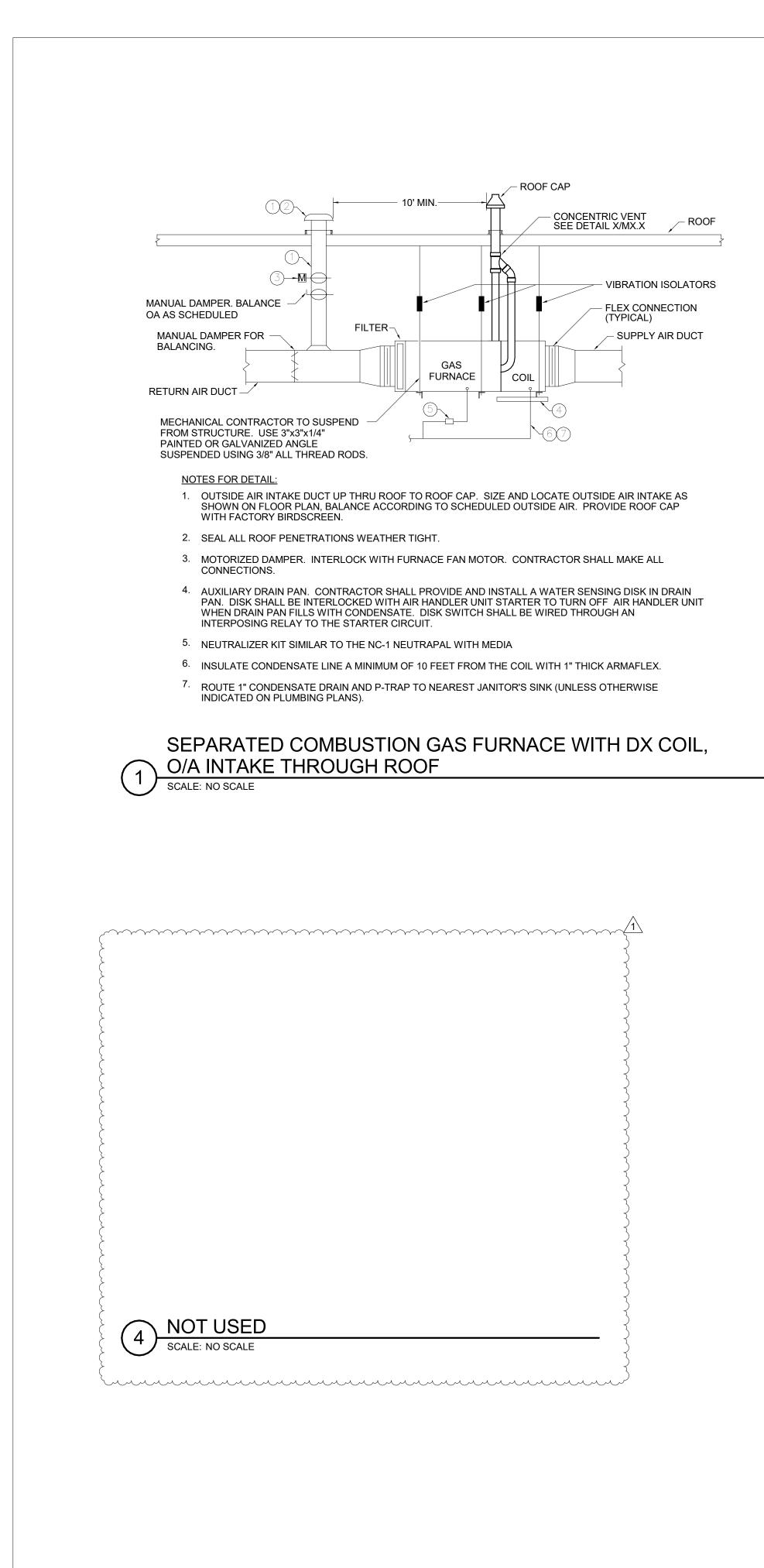
NOTE ALL FRESH OUTDOOR AIR INTAKES AND ALL EXHAUST TERMINATIONS. LOW. RE: 1/M2.1 FOR CONTINUATION. W. RE: 5/M3.1 INFORMATION.

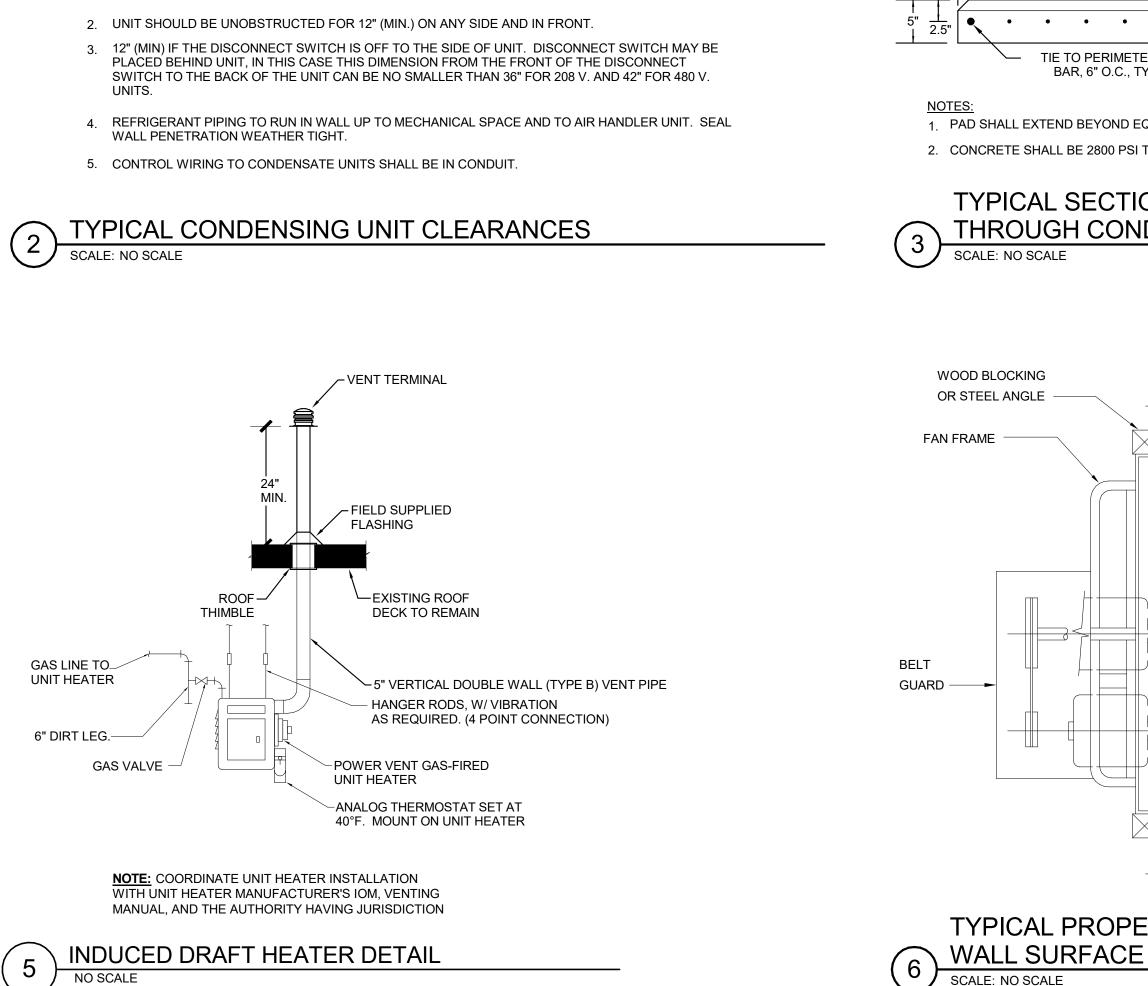
PROVIDE WITH WEATHERPROOF ROOFCAP AND SEAL ALL PENETRATIONS TINUATION.

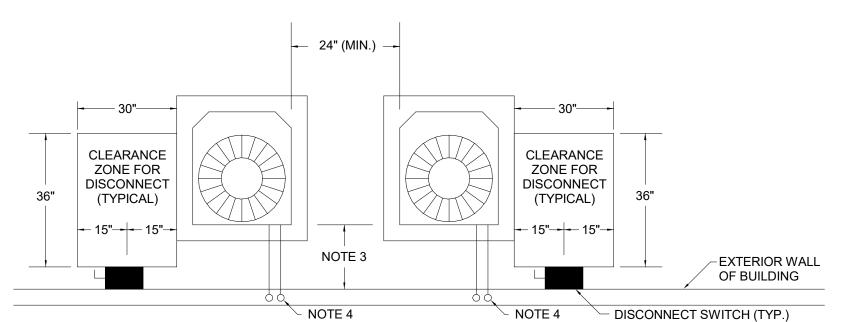






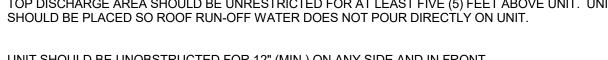


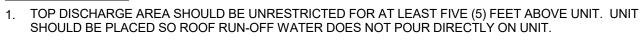




NOTES FOR DETAIL:

SHOULD BE PLACED SO ROOF RUN-OFF WATER DOES NOT POUR DIRECTLY ON UNIT.

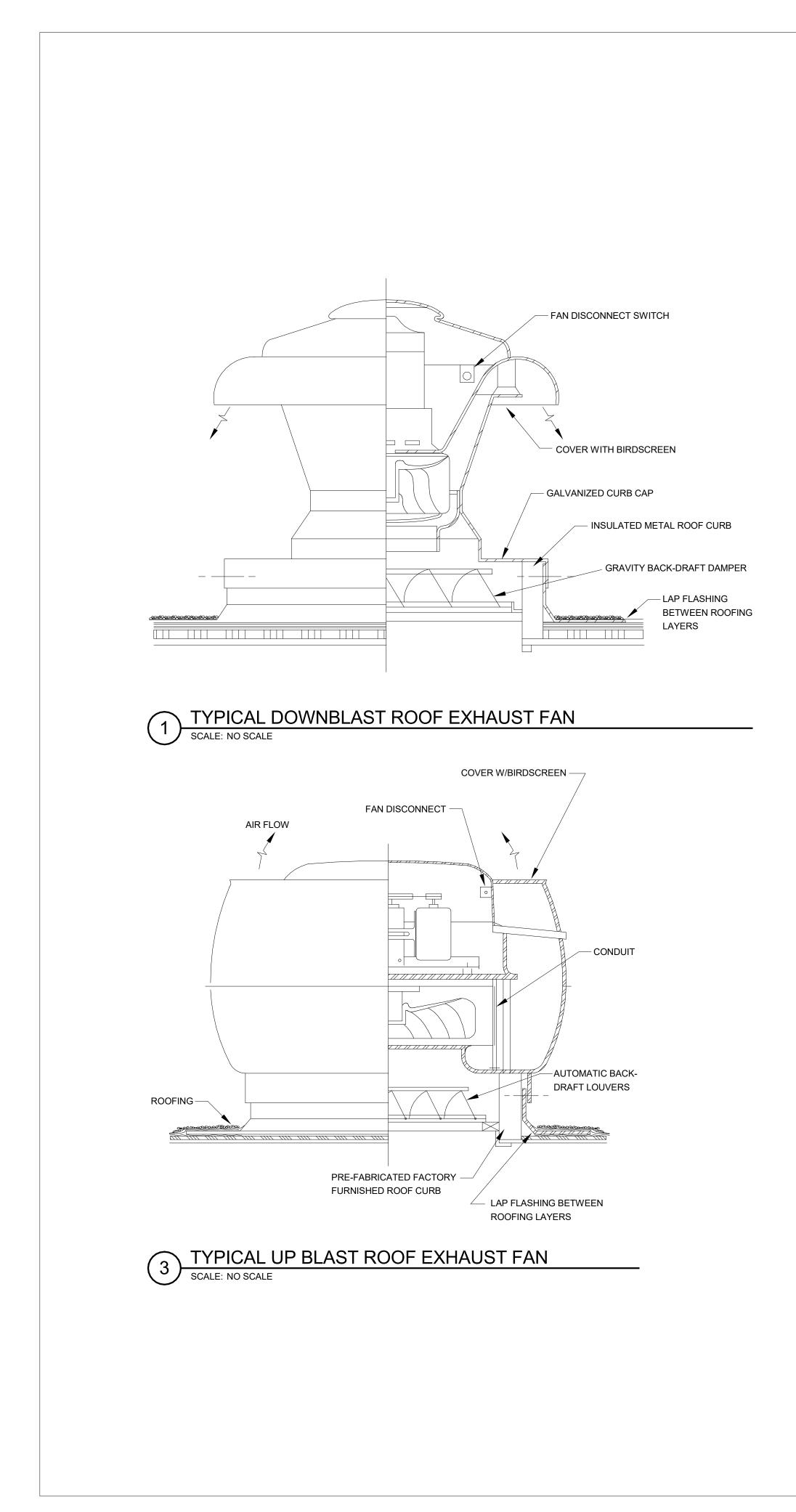


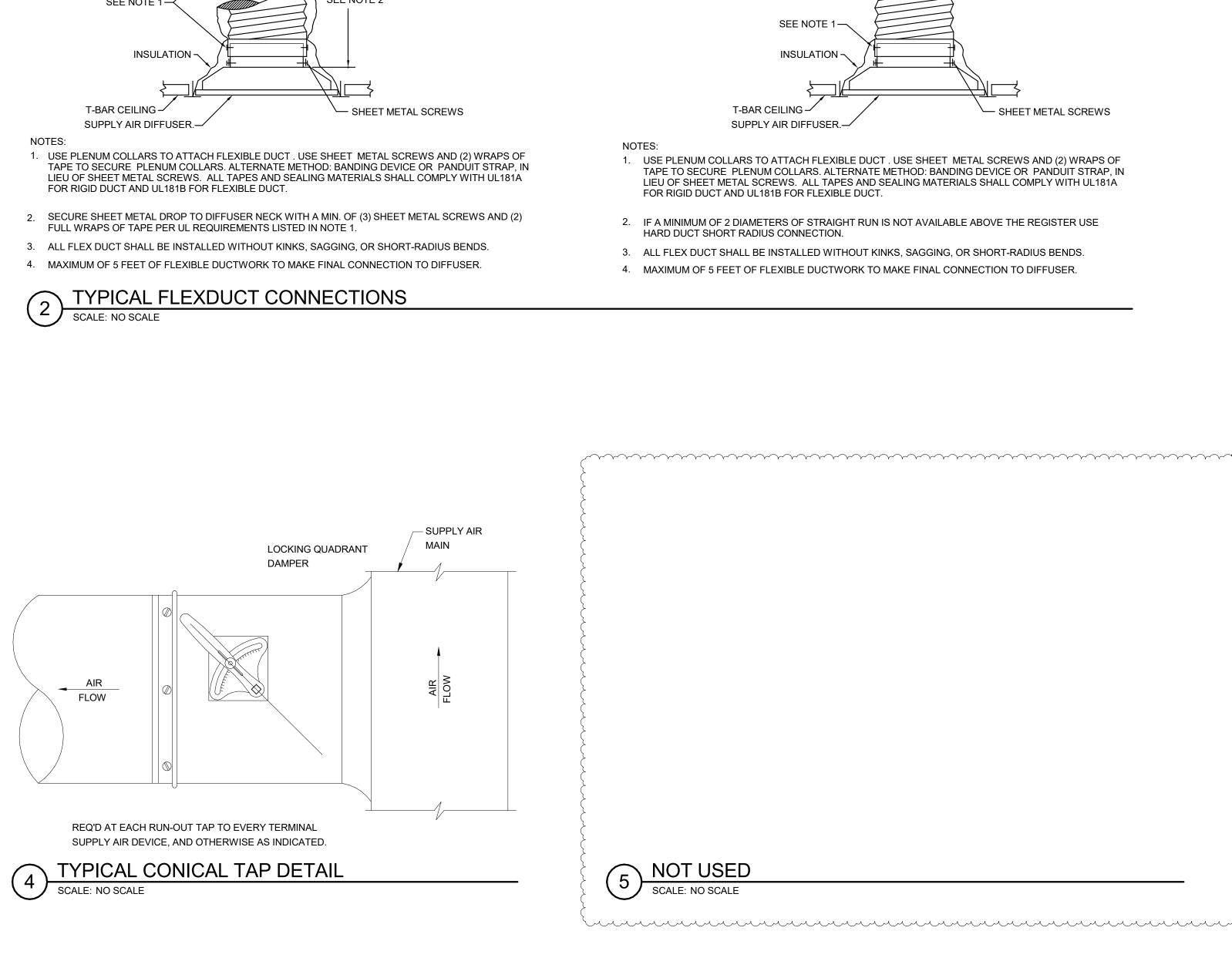


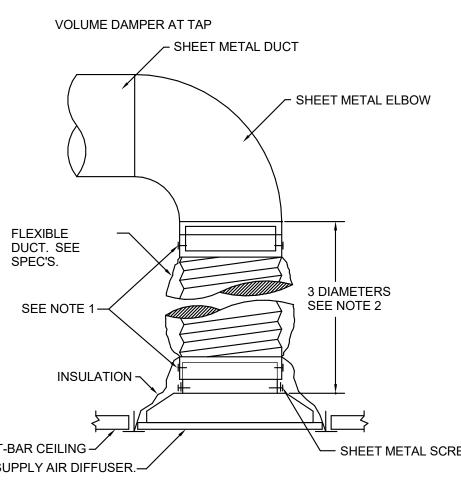


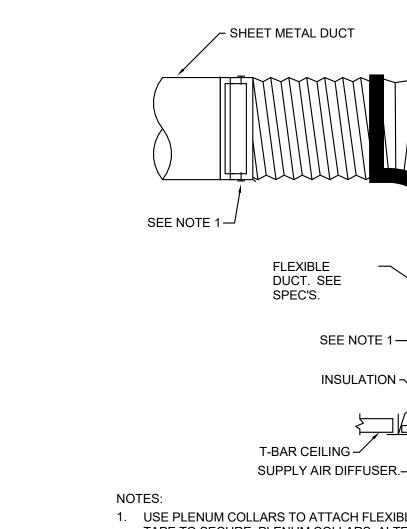
6X6 BY 1.4

	C	T to Pao	0.6 HAD	06/ LE 022 CEN	~67	4. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	X 8
							# BR 2261
AB BY 14 WELDE WIRE MESH (C, TYP.) (RIMETER #4 (C, TYP.) (VIND EQUIPMENT 12" (MIN.) IN ALL DIRECTIONS. (200 PSI TEST @ 28 DAYS, MIN. CTION CONDENSING UNIT CONCRETE PAD (VAL NEOPRENE GASKET OR SILICON SEALANT ALL AROUND (C) SILICON SEALANT ALL AROUND			VOC. TECH RENOVATION			MFCHANICAL DFTAILS	
OPELLER, WALL ACE MOUNTED FAN DETAIL	DATE	06/06/2024					BAR IS ONE INCH IN LENGTH ON ORIGINAL DRAWING. CHECK SCALE AND ADJUST ACCORDINGLY.
Summit Avenue 4144 N. Central Expuy Suite 500 Suite 603 Fort Worth, Texas 76102 Dallas, Texas 75204 Office 817.878.4242 Office 214.420.9111 www.summitmep.com Suite 504	S NO. REVISION				 EET M		PROJECT # SCALE









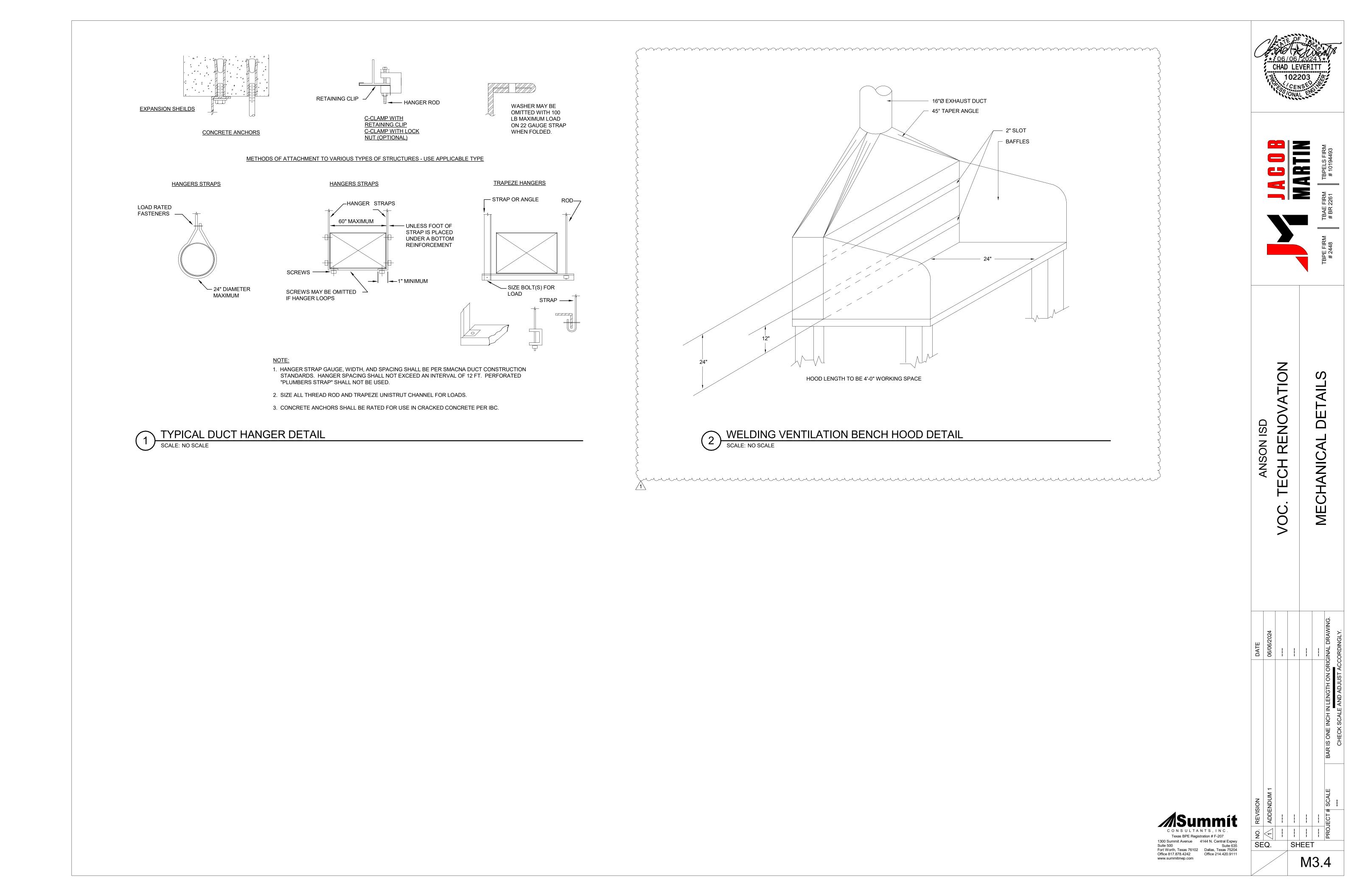


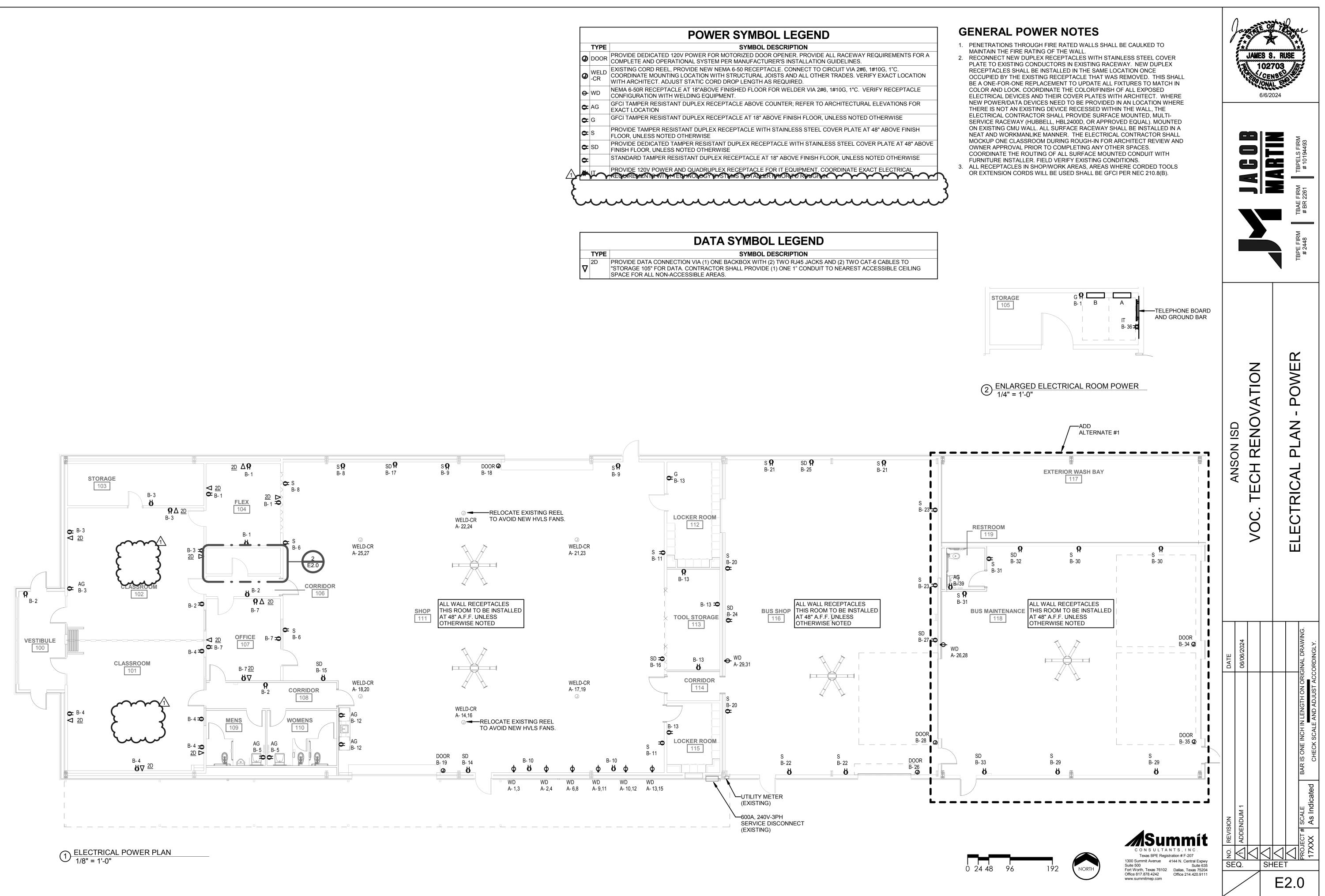
FlexFlow Elbow by Thermaflex www.flexflowelbow.com

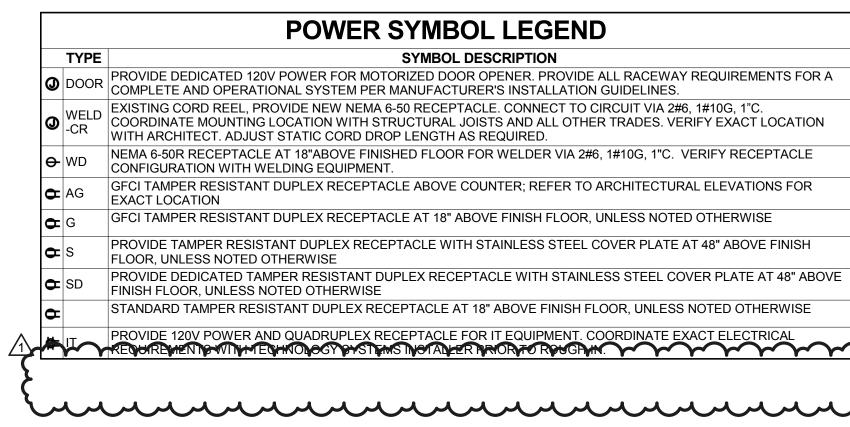
- SHEET METAL SCREWS

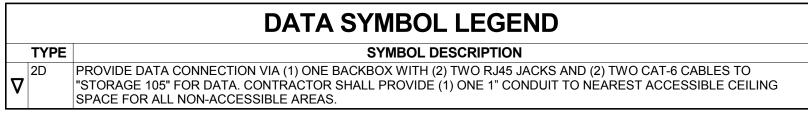


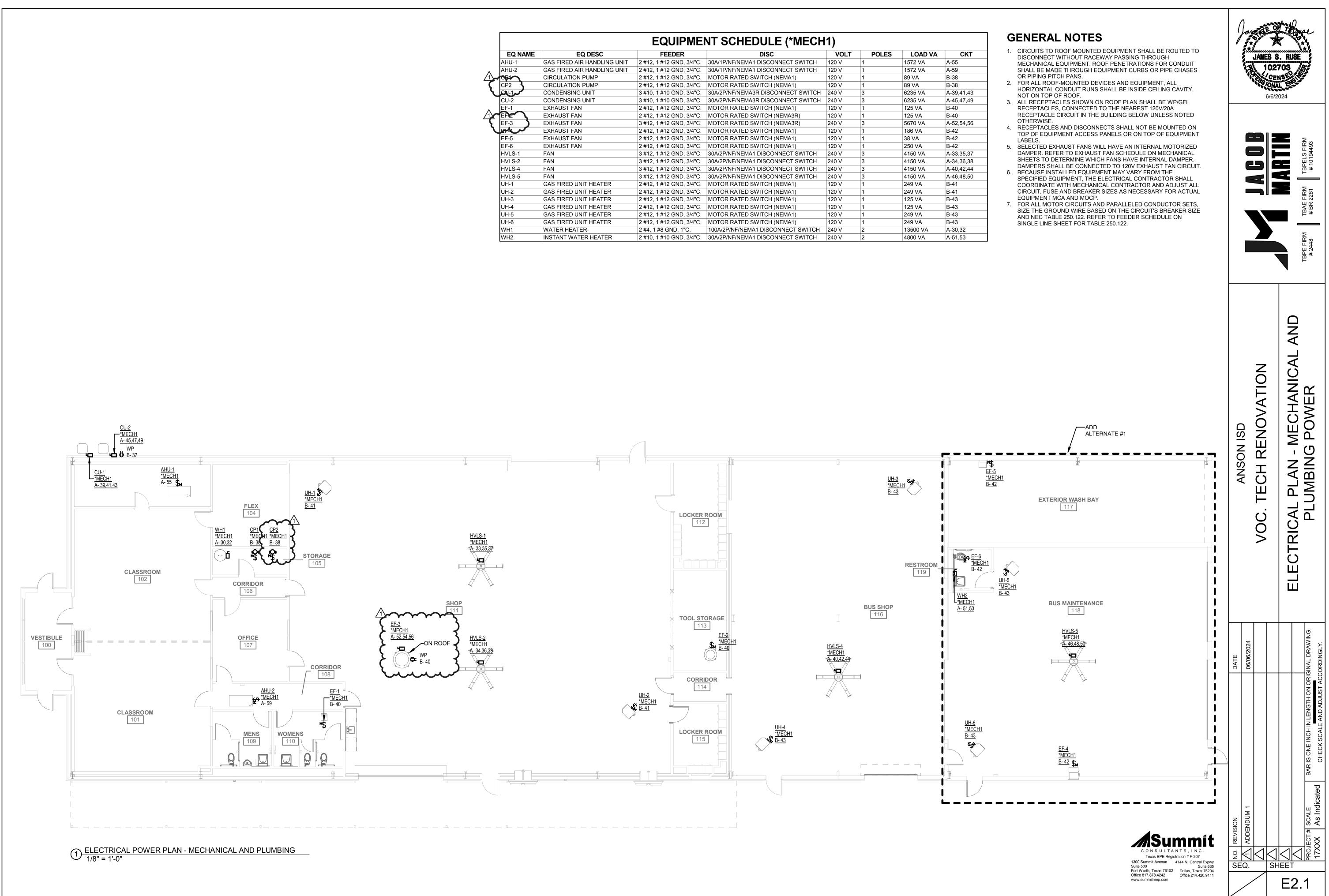
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EQ NAME	EQ DESC	FEEDER	DISC	VOLT	POLES	LOAD VA	СКТ
AHU-1	GAS FIRED AIR HANDLING UNIT	2 #12, 1 #12 GND, 3/4"C.	30A/1P/NF/NEMA1 DISCONNECT SWITCH	120 V	1	1572 VA	A-55
AHU-2	GAS FIRED AIR HANDLING UNIT	2 #12, 1 #12 GND, 3/4"C.	30A/1P/NF/NEMA1 DISCONNECT SWITCH	120 V	1	1572 VA	A-59
	CIRCULATION PUMP	2 #12, 1 #12 GND, 3/4"C.	MOTOR RATED SWITCH (NEMA1)	120 V	1	89 VA	B-38
CP2	CIRCULATION PUMP	2 #12, 1 #12 GND, 3/4"C.	MOTOR RATED SWITCH (NEMA1)	120 V	1	89 VA	B-38
مرالا	CONDENSING UNIT	3 #10, 1 #10 GND, 3/4"C.	30A/2P/NF/NEMA3R DISCONNECT SWITCH	240 V	3	6235 VA	A-39,41,43
CU-2	CONDENSING UNIT	3 #10, 1 #10 GND, 3/4"C.	30A/2P/NF/NEMA3R DISCONNECT SWITCH	240 V	3	6235 VA	A-45,47,49
EF-1	EXHAUST FAN	2 #12, 1 #12 GND, 3/4"C.	MOTOR RATED SWITCH (NEMA1)	120 V	1	125 VA	B-40
Fe	EXHAUST FAN	2 #12, 1 #12 GND, 3/4"C.	MOTOR RATED SWITCH (NEMA3R)	120 V	1	125 VA	B-40
EF-3	EXHAUST FAN	3 #12, 1 #12 GND, 3/4"C.	MOTOR RATED SWITCH (NEMA3R)	240 V	3	5670 VA	A-52,54,50
	EXHAUST FAN	2 #12, 1 #12 GND, 3/4"C.	MOTOR RATED SWITCH (NEMA1)	120 V	1	186 VA	B-42
EF-5	EXHAUST FAN	2 #12, 1 #12 GND, 3/4"C.	MOTOR RATED SWITCH (NEMA1)	120 V	1	38 VA	B-42
EF-6	EXHAUST FAN	2 #12, 1 #12 GND, 3/4"C.	MOTOR RATED SWITCH (NEMA1)	120 V	1	250 VA	B-42
IVLS-1	FAN	3 #12, 1 #12 GND, 3/4"C.	30A/2P/NF/NEMA1 DISCONNECT SWITCH	240 V	3	4150 VA	A-33,35,3
IVLS-2	FAN	3 #12, 1 #12 GND, 3/4"C.	30A/2P/NF/NEMA1 DISCONNECT SWITCH	240 V	3	4150 VA	A-34,36,3
IVLS-4	FAN	3 #12, 1 #12 GND, 3/4"C.	30A/2P/NF/NEMA1 DISCONNECT SWITCH	240 V	3	4150 VA	A-40,42,44
IVLS-5	FAN	3 #12, 1 #12 GND, 3/4"C.	30A/2P/NF/NEMA1 DISCONNECT SWITCH	240 V	3	4150 VA	A-46,48,5
JH-1	GAS FIRED UNIT HEATER	2 #12, 1 #12 GND, 3/4"C.	MOTOR RATED SWITCH (NEMA1)	120 V	1	249 VA	B-41
JH-2	GAS FIRED UNIT HEATER	2 #12, 1 #12 GND, 3/4"C.	MOTOR RATED SWITCH (NEMA1)	120 V	1	249 VA	B-41
JH-3	GAS FIRED UNIT HEATER	2 #12, 1 #12 GND, 3/4"C.	MOTOR RATED SWITCH (NEMA1)	120 V	1	125 VA	B-43
JH-4	GAS FIRED UNIT HEATER	2 #12, 1 #12 GND, 3/4"C.	MOTOR RATED SWITCH (NEMA1)	120 V	1	125 VA	B-43
JH-5	GAS FIRED UNIT HEATER	2 #12, 1 #12 GND, 3/4"C.	MOTOR RATED SWITCH (NEMA1)	120 V	1	249 VA	B-43
JH-6	GAS FIRED UNIT HEATER	2 #12, 1 #12 GND, 3/4"C.	MOTOR RATED SWITCH (NEMA1)	120 V	1	249 VA	B-43
VH1	WATER HEATER	2 #4, 1 #8 GND, 1"C.	100A/2P/NF/NEMA1 DISCONNECT SWITCH	240 V	2	13500 VA	A-30,32
VH2	INSTANT WATER HEATER	2 #10, 1 #10 GND, 3/4"C.	30A/2P/NF/NEMA1 DISCONNECT SWITCH	240 V	2	4800 VA	A-51,53

Branch Banal: B

	Branch Panel: B	•													
	Mounting: SU Supply From: A	JRFACE				Volts: Phases:	120/240 1	Single				ating: 42,000 Type: MLO	AIC		
	Enclosure: NE	EMA 1				Wires:	3					ating: 150 A			
скт	Circuit Description	BKR (A)	Ρ	Load (A)		Α		С	Load (A)	Р	BKR (A)	Circu	it Description	скт	
1	104, 105	20	1	8	900	720			6	1	20	CORRIDOR	RECEPTACLES	2	
3	102, 103	20	1	8			900	1080	9	1	20	101		4	
5	RESTROOMS 109, 110	20	1	3	360	360			3	1	20	111 - GENEF	RAL	6	
7	107	20	1	6			720	360	3	1	20	111 - GENEF	RAL	8	
9	111 - GENERAL	20	1	3	360	360			3	1	20	111 - GENEF	RAL	10	
11	111 - GENERAL	20	1	3			360	360	3	1	20	111 - GENEF	RAL	12	
13	112, 113, 114, 115	20	1	8	900	360			3	1	20	111 - DEDIC	ATED	14	
15	111 - DEDICATED	20	1	3			360	360	3	1	20	111 - DEDIC	ATED	16	
17	111 - DEDICATED	20	1	3	360	180			2	1	20	111 - DOOR	OPENER	18	
19	111 - DOOR OPENER	20	1	2			180	360	3	1	20	116 - GENEF	RAL	20	
21	116 - GENERAL	20	1	3	360	360			3	1	20	116 - GENEF	RAL	22	
23	116 - GENERAL	20	1	3			360	360	3	1	20	116 - DEDIC	ATED	24	
25	116 - DEDICATED	20	1	3	360	180			2	1	20	111 - DOOR	OPENER	26	
27	116 - DEDICATED	20	1	3			360	180	2	1	20	111 - DOOR	OPENER	28	
29	118 - GENERAL	20	1	3	360	360			3	1	20	118 - GENEF	RAL	30	
31	118 - GENERAL	20	1	3			360	360	3	1	20	118 - DEDIC	ATED	32	
33	118 - DEDICATED	20	1	3	360	180			2	1	20	118 - DOOR	OPENER	34	
35	118 - DOOR OPENER	20	1	2			180	360	3	1	20	105 - IT		36	
37	SERVICE RECEPTACLE	20	1	2	180	178			1	1	20	CIRCULATIO	ON PUMP (CP1)	38	
39	RESTROOM 119	20	1	2			180	430	4	1	20	EF-1, EF-2, F			
41	UH-1, 2	20	1	4	498	474			4	1	20	EF-4, EF-5		42	
43	UH-3, 4, 5, 6	20	1	6			748			1		116 - GENERAL116 - GENERAL116 - DEDICATED116 - DEDICATED111 - DOOR OPENER111 - DOOR OPENER118 - GENERAL118 - DEDICATED118 - DOOR OPENER105 - ITCIRCULATION PUMP (CP1)EF-1, EF-2, ROOF RECEPT.			
45	SPARE	20	1		0					1		SPACE		46	
47	SPARE	20	1				0			1		SPACE		48	
49	SPARE	20	1		0					1		SPACE		50	
51	SPARE	20	1				0			1		SPACE		52	
53	SPARE	20	1		0					1		SPACE		54	
55	SPARE	20	1				0			1		SPACE		56	
57	SPARE	20	1		0					1		SPACE		58	
59	SPARE	20	1				0			1		SPACE		60	
	·		Tot	al Load:	ç	9 kVA		9 kVA		1	1	1			
			Tota	al Amps:		73 A		74 A							
	Classification		C	Connecte		Demand Fa		Estimated I				Panel	Totals		
Recept MTR	tacle				908 VA 720 VA	81.43% 103.62%			2954 VA 1782 VA		Totol	Conn. Load:	18 KV/A		
IVI I FX				I	120 VA	103.02%	U		1702 VA			Connt. Amps			
											Fotal De	emand Load:	15 kVA		
										Т	otal De	mand Amps:	61 A		

Schedule Notes:

	Mounting: Supply From: Enclosure:		E				Volts: Phases: Wires:	3) High Leg D	elta		Mair	ns Тур	g: 42,000 e: MLO g: 400 A	AIC	
скт	Circuit Description	BKR (A)	Р	Load (A)		A		В	C		Load (A)	Р	BKR (A)	Cir	cuit Description	Cł
1	111 - WELDER	50	2	28	3408	3408					- 28	2	50	111 - WE	_DER	2
3							3408	3408								4
5 7	PANEL 'B'	150	2	73	8918	3408			8710	3408	28	2	50	111 - WE	_DER	6
9					0910	3400	3408	3408								1
11	111 - WELDER	50	2	28					3408	3408	- 28	2	50	111 - WE	_DER	1
13					3408	3408										1
15	111 - WELDER	50	2	28			3408	3408			- 28	2	50	111 - WE	_DER CORD REEL	1
17	111 - WELDER CORD REEL	50	2	28					3408	3408	- 28	2	50	111 - \\/E	_DER CORD REEL	1
19		50	2	20	3408	3408					20	2	50			2
21	111 - WELDER CORD REEL	50	2	28			3408	3408			28	2	50	111 - WE	_DER CORD REEL	2
23									3408	3408						2
25	111 - WELDER CORD REEL	50	2	28	3408	3408		0.400			- 28	2	50	118 - WE	_DER	2
27 29							3408	3408	3408	6750						2
29 31	116 - WELDER	50	2	28	3408	6750			3408	0750	- 56	2	80	WATER H	IEATER (WH-1)	3
33					3400	0750	1383	1383								3
35	HVLS-1	15	3	10				1000	1383	1383	10	3	15	HVLS-2		3
37			-		1383	1383					-	-				3
39							2078	1383								4
41	CU-1	25	3	15					2078	1383	10	3	15	HVLS-4		4
43					2078	1383										4
45							2078	1383								4
47	CU-2	25	3	15					2078	1383	10	3	15	HVLS-5		4
49					2078	1383										5
51	WATER HEATER (WH-2)	25	2	20			2400	1890			_	ς				5
53				40	4.570	4000			2400	1890	14	3	20	F-3		5
55	AHU-1 "HIGH LEG"	20	1	13	1572	1890						1		"HIGH LE	<u> </u>	5
57 59	AHU-2	20	1	 13					1572	1456	 12	1	 20	SHOP LIC		5
61	LIGHTING	20	1	8	1006	173			1572	1430	1	1	20		R LIGHTING	6
63	"HIGH LEG"		1									1		"HIGH LE		6
65	SHOP LIGHTING	20	1	12					1391			1		SPACE		6
67	SPACE		1									1		SPACE		6
69	"HIGH LEG"		1									1		"HIGH LE	G"	7
71	SPACE		1									1		SPACE		7
			Total	Load:	64	kVA	48	kVA	61	κVA						
			Fotal	Amps:		84 A		1 A	509							
.oad Cooli	Classification			Co	nnected	Load 70 VA	Demand Fa		Estimated	Demand 2470 VA				Panel	Totals	
ighti	ng				40	26 VA	125.00%	6		5033 VA				nn. Load:		
owe						00 VA 08 VA	100.00%			8300 VA				nt. Amps		
Rece /ITR	otacle					08 VA 34 VA	81.43% 105.22%			2954 VA 8552 VA				and Load: nd Amps:		
Veld	er					24 VA	30.70%			9292 VA						

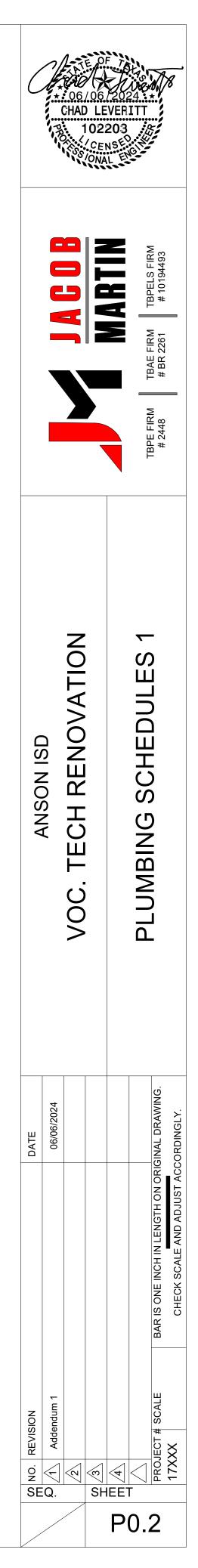
DESIGNED AROUND 208V "HIGH" LEG ASSUMED TO BE ON PHASE 'B'. VERIFY LEG PHASING WITH ELECTRICAL UTILITIES.

DATE		Ç			
06/06/2024		2			
	VOC. TECH REN	TECH RENOVATION			
		CAL PANEL SCHEDLIES			
IS ONE INCH IN LENGTH ON ORIGINAL DRAW			10/2 FIKIN 10/ # 2448 # B	# BR 2261 #	10194493

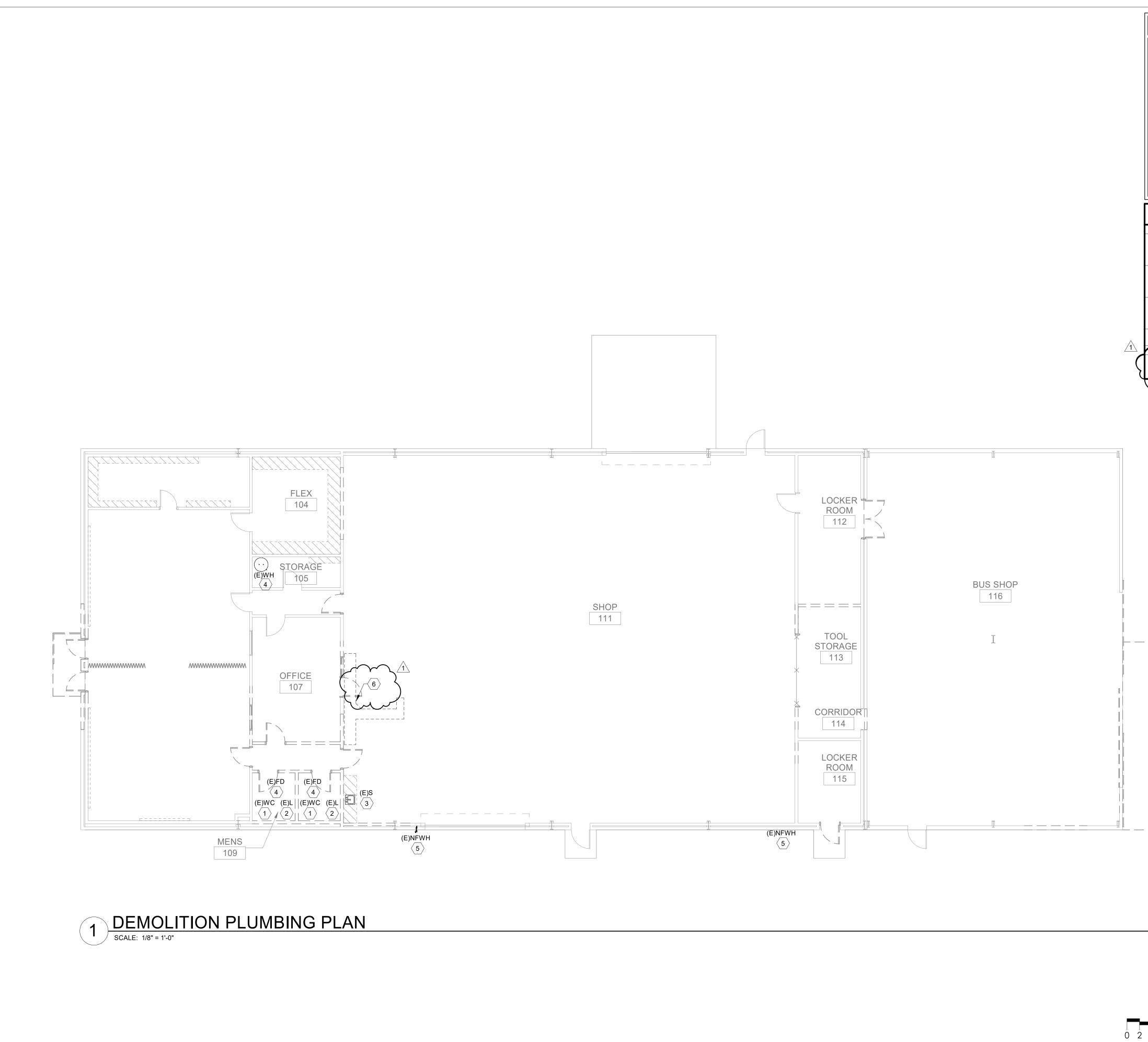


A Summit Avenue State 500 Fort Worth, Texas 76102 Office 817.878.4242 www.summit mep.com

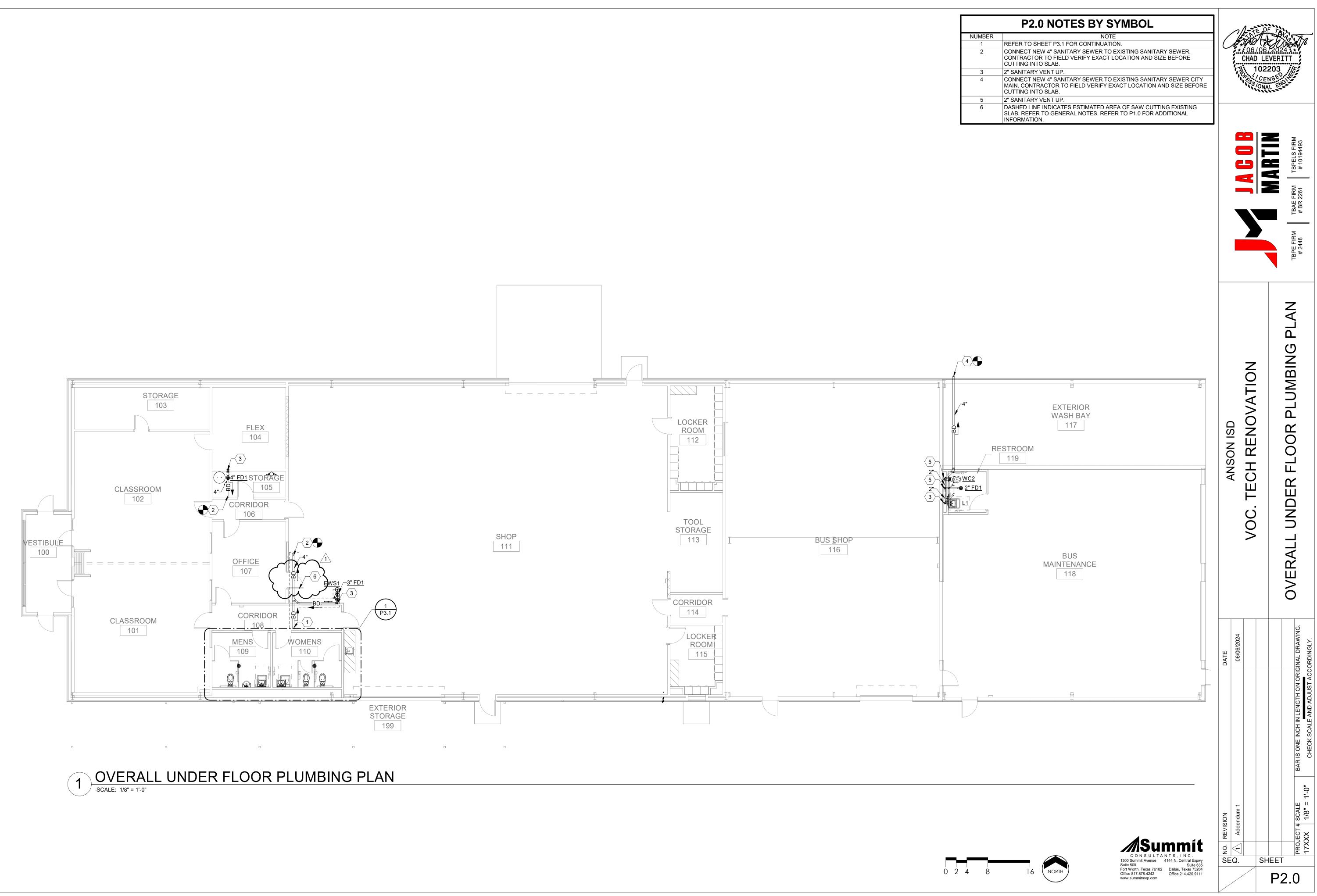
MARK	DESCRIPTION			H IN (N CW				TURER AND MODEL NUMBER	AD /T/
WC1	WATERCLOSET, FLOOR MOUNT, FLUSHOMETER VALVE, TOP SPUD, ELONGATED, SIPHON ACTION JETTED BOWL, VITREOUS CHINA, WHITE, ASME A112.19.2M, 2" FULLY GLAZED TRAPWAY, 10" ROUGH-IN, 1.28 GPF	4"	2"	-	-			N STANDARD, 2234.001; KOHLER, K-96053; ZURN, Z5655-BWL1, T-2009	
	FLUSHOMETER, HARD-WIRED, 1.28 GPF, WALL MOUNT ELECTRONIC-SENSOR WITH VALVE MOUNTED ACTUATOR, BRASS BODY WITH CORROSION-RESISTANT INTERNAL COMPONENT, EXPOSED DIAPHRAGM, 1 1/2" TOP SPUD, NON-HOLD OPEN INTEGRAL SOLENOID OPERATOR, CONTROL STOP WITH CHECK VALVE, VACUUM BREAKER, POLISHED CHROME-PLATED FINISH ON EXPOSED PARTS, OVERRIDE BUTTON, PROVIDE TRANSFORMER(s) FOR EACH RESTROOM GROUP (EACH TRANSFORMER SERVING UP TO 6-FIXTURES INCLUDING WATER CLOSET, URINAL, LAVATORY).	-	-	1 1/2	2" -	· 1	5V SLOAN, O	PTIMA 111-1.28 ES-S TMO, WITH EL-154 TRANSFORMER; MS6000AV-HET, WITH P6000-HW6 TRANSFORMER.	
-	SEAT, EXTRA HEAVY WEIGHT, POSTURE MOLDED SOLID PLASTIC, ELONGATED, OPEN FRONT, LESS COVER, EXTERNAL CHECK HINGES, STAINLESS STEEL HINGE POSTS, WHITE	-	-	-	-		- CHURCH	9500C; BEMIS, 1655C; OLSONITE, 95/SS	
WC2	WATERCLOSET, ADA COMPLIANT, FLOOR MOUNT, FLUSHOMETER VALVE, TOP SPUD, ELONGATED, SIPHON ACTION JETTED BOWL, VITREOUS CHINA, WHITE, ASME A112.19.2M, 2" FULLY GLAZED TRAPWAY, 10" ROUGH-IN, 1.28 GPF	4"	2"	-	-		- AMERICA SLOAN, S	N STANDARD, 3043.001; KOHLER, K-96057; ZURN, Z5665-BWL1; T-2029.	Ć
	FLUSHOMETER, HARD-WIRED, 1.28 GPF, WALL MOUNT ELECTRONIC-SENSOR WITH VALVE MOUNTED ACTUATOR, BRASS BODY WITH CORROSION-RESISTANT INTERNAL COMPONENT, EXPOSED DIAPHRAGM, 1 1/2" TOP SPUD, NON-HOLD OPEN INTEGRAL SOLENOID OPERATOR, CONTROL STOP WITH CHECK VALVE, VACUUM BREAKER, POLISHED CHROME-PLATED FINISH ON EXPOSED PARTS, OVERRIDE BUTTON, PROVIDE TRANSFORMER(s) FOR EACH RESTROOM GROUP (EACH TRANSFORMER SERVING UP TO 6-FIXTURES INCLUDING WATER CLOSET, URINAL, LAVATORY).	-	-	1 1/2	2" -	· 1		PTIMA 111-1.28 ES-S TMO, WITH EL-154 TRANSFORMER; MS6000AV-HET, WITH P6000-HW6 TRANSFORMER.	
	SEAT, EXTRA HEAVY WEIGHT, POSTURE MOLDED SOLID PLASTIC, ELONGATED, OPEN FRONT, LESS COVER, EXTERNAL CHECK HINGES, STAINLESS STEEL HINGE POSTS, WHITE	-	-	-	-		- CHURCH	9500C; BEMIS, 1655C; OLSONITE, 95/SS	
S1	SINK, SINGLE COMPARTMENT, 19"x21"x5", SELF RIMMING, SEAMLESS #18 GAUGE TYPE 304 STAINLESS STEEL, FAUCET LEDGE, MINIMUM 1 3/4" VERTICAL AND HORIZONTAL RADIUS BASIN CORNERS, FULLY UNDERCOATED, ANSI A112.19.3M. DRAIN CENTERED IN REAR OF BASIN.	2"	1 1/2		-		- JUST, SL-	ADA-1921-A-GR; ELKAY, LRAD221950.	¢
	FAUCET, DECK MOUNT, CHROME PLATED BRASS, 5 1/4" RIGID / SWING GOOSENECK SPOUT, TWO-HANDLE, 1/4 TURN 4" WRIST BLADE HANDLES, 4" CENTERS, NSF 61 COMPLIANT, ANSI A112.18.1M, 1.0 GPM MAX. FLOW RATE.	-	-	1/2"			- CHICAGO	, 895-317GN2AE73XKAB; T&S BRASS, B-0892-133X ; ZURN, Z812B4-2	XL-2
	SUPPLY AND STOP, LOOSE KEY, CHROME PLATED BRASS VALVES AND CHROME PLATED COPPER RISERS	-	-	1/2"	' 1/	2		, LFH2165CCLK; OR EQUAL IN T&S BRASS OR BRASSCRAFT	
\sim	TWEPIECE AND FORGED STAINLESS STEEL BASKET STRAWER	-	Y	<u> </u>	γ	\square		A-35; OR BODAL IN MOGDIRE, T& BRASS OF BRASSCRAFT	\checkmark
U1	URINAL, 0.5 GPF, WALL MOUNT, VITREOUS CHINA, 14" EXTENDED FLUSHING RIM, SIPHON JET ACTION, 3/4" INLET SPUD, INLET AND OUTLET SPUDS AND HANGERS, ASME/ANSI A112.19.2	2"	2"	-	-			N STANDARD, 6550.001; KOHLER, K-5016-ET; ZURN, Z5730.	
	FLUSHOMETER VALVE, 0.5 GPF, EXPOSED DIAPHRAGM-TYPE, CHROME PLATED, 3/4" TOP SPUD, SPUD COUPLING AND FLANGE, NON-HOLD OPEN HANDLE, CHROME PLATED ANGLE STOP WITH STOP CAP, VACUUM BREAKER FLUSH CONNECTION, CAST WALL FLANGE WITH SET SCREW, ANSI/ASME 112.19.6	-	-	3/4"	' -		- SLOAN, 1	86-0.5; ZURN, Z6003AV-EWS.	
EWS1	FIXTURE CARRIER, HANGER AND BEARING PLATES, ADJ. SUPPORTING RODS, UPRIGHTS, WELDED FEBT EMERGENCY EYEWASH/SHOWER COMBINATION, FREE STANDING, SCHEDULE 40 GALVANIZED STEEL PIPING AND FITTINGS, 10" DIA. STAINLESS STEEL DELUGE SHOWER HEAD, STAINLESS STEEL EYEWASH BOWL, PULL ROD OPERATED, ANTI SQUIRT EYEWASH HEADS, PUSH FLAG, STAY OPEN BALL VALVES	<u>_</u>	-	Ţ			- JOSAM, S - GUARDIA	ERIES 17500-UR; WATTS, CA-321; ZURN, Z1222; OR JR SMITH, 0632 EQUIPMENT MODEL OBE1009SSHOREQUAL	A C
TSMV2								N (AVAILABLE OPTION) G6040(TSMV2)	
L1	LAVATORY, 20"X18" VITREOUS CHINA WALL MOUNT, 4" CENTER FAUCET HOLES, FRONT OVERFLOW, CONCEALED ARM CARRIER SYSTEM, DECK MOUNTED FAUCET, INTEGRAL 4" BACKSPLASH, ANSI A112.19.2	2"	1 1/2		-		SLOAN, S		Ć
-	FAUCET, DECK MOUNT, CHROME PLATED BRASS, 4" INTEGRAL SPOUT, TWO-HANDLE, 1/4 TURN, 4" WRIST BLADE HANDLES, 4" CENTERS, NSF 61 COMPLIANT, ANSI A112.18.1M, 0.5 GPM MAX. FLOW RATE	-	-	1/2"	' 1/:	2"	ZURN, Z8	FAUCETS, 802-V317E66XKABCP; T&S BRASS, B-0890-VF05; 1104-XL-27M.	
-	SUPPLY AND STOPS, LOOSE KEY, CHROME PLATED BRASS VALVES AND CHROME PLATED COPPER RISERS P-TRAP, CHROME PLATED CAST BRASS BODY WITH CLEANOUT, SEAMLESS WALL BEND, 17 GA.	-	-	-				, LFH2165CCLK; T&S BRASS, B-1305; OR BRASSCRAFT, OCR1912A , 8902; BRASSCRAFT, 507; OR EQUAL IN T&S BRASS	_
-	OFFSET TAILPIECE AND STRAINER, CHROME PLATED CAST BRASS	-	-	-	-			, 155WC; OR EQUAL IN T&S BRASS; OR BRASSCRAFT	
-	FIXTURE CARRIER, CONCEALED ARMS, LEVELING AND SECURING SCREWS, UPRIGHTS, WELDED FEET	-	-	-	-			ERIES 17100; WATTS, CA-411; ZURN, Z1231; OR JR SMITH, 0700	
FD1	THERMOSTATIC MIXING VALVE, 0.25 GPM MINIMUM FLOW, INTEGRAL INLET CHECK VALVES AND STRAINER, SET TEMPERATURE TO 105°, ASSE 1070. FLOOR DRAIN, CAST IRON BODY, ANCHOR FLANGE, WEEPHOLES FOR DOUBLE DRAINAGE, 6" SQUARE	-	-	1/2"	' 1/: 	2"		FUSG-B; LEONARD, 170-LF; BRADLEY, S59-4000A; OR EQUAL	
	STAINLESS STEEL FLAT STRAINER. ADJUSTABLE DRAIN HEAD W/ MACHINED INTEGRAL BODY THREADS, ASME A112.21.1								
	INSTALL TRAP SEAL SYSTEM, ABS PLASTIC FRAME, SILICONE RUBBER FLAPPERS AND FOUR FLEXIBLE SEALING RIBS, UV RESISTANT, ASSE 1072.	-	-	-	-			8240; MIFAB, MI-GARD; ZURN, Z1072.	
WCO HB1	WALL CLEANOUT, CI BODY, RECESSED, THREADED BRASS PLUG, STAINLESS STEEL ACCESS COVER HOSE BIBB, BRASS WITH CHROME FINISH, VACUUM BREAKER, 3/4" MALE N.H.T OUTLET, WALL FLANGE	-	-	- 3/4"			- MIFAB MH	B600-PLG; MIFAB, C1460-RD; ZURN, Z1441. REFER 4/P5.1. IY-90; ZURN Z1341; WOODFORD #24	
NFWH1	NON-FREEZE WALL HYDRANT, EXPOSED WALL TYPE, CHROME FINISH ON BRASS CASTINGS, VACUUM BREAKER, LOOSE KEY HANDLE, 3/4" MALE HOSE THREAD NOZZLE	-	-	3/4"	' -		- WOODFO	RD, 67; JOSAM, 71050; ZURN, Z1321; WATTS, HY-420.	
2. / 3. (0 4. H 5. / 6. (0 7. / 8. (0 9. / 10. ()	<u>S:</u> CONTRACTOR SHALL FURNISH AND INSTALL SUPPLIES, STOPS, TRAPS, TAILPIECES AND ALL APPURTENANCES ALL ADA ACCESSIBLE SINKS AND LAVATORIES SHALL BE EQUIPPED WITH TRUEBRO #103 UNDER SINK PROTEC COMPLY WITH THE PROVISIONS OF THE AMERICANS WITH DISABILITIES ACT (ADA) AND THE TEXAS ACCESSIB ANDLES LOCATED ON THE WIDE SIDE OF EACH STALL OR ROOM. FLOOR CLEANOUT ACCESS COVERS IN ALL FINISHED AREAS SHALL BE OF THE RECESSED TYPE TO ALLOW FO ABOVE THE FLOOR P-TRAPS ON LAVATORIES AND SINKS SHALL BE 17 GAUGE, CHROME PLATED BRASS. ACCI CONTRACTOR SHALL VERIFY FIXTURE SUPPLIES AND APPURTENANCES FOR EACH FIXTURE PRIOR TO BIDDIN ALL FLOOR MOUNTED WATER CLOSETS SHALL HAVE 10" ROUGH-IN UNLESS OTHERWISE NOTED. CONTRACTOR SHALL VERIFY PLUMBING FIXTURES PROVIDED COMPLY WITH HANDICAPPED ACCESSIBILITY ST ALL WATER CLOSET AND URINAL FLUSH VALVES SHALL INCLUDE CHROME PLATED CAST WALL FLANGE WITH S WATER CLOSETS AND URINALS INDICATED WITH SENSOR OPERATED FLUSH VALVES SHALL INCLUDE METAL (LAVATORIES INDICATED WITH SENSOR OPERATED FAUCETS SHALL BE BATTERY OPERATED AND PROVIDED V	CTIVE ILITY'S OR INS EPTAE IG ANE TANDA SETSO COVEF	PIPE (STAI EERTI(ELE M/ D PUR D PUR ROS (ROS (CREW R AND	COVEF NDARI ON OF ANUFA CHASI INCLU AND (MANU	RS V D (TA ACTU ING. IDIN(COV JAL (/HER (S). F SHEI JRER JRER JRER T SHEI ER T SVEF	E NOT CONCE/ LUMBING CON D FLOOR TREA S: MCGUIRE, T GHT AND CLEA JBE. RIDE BUTTON.	ALED BY MILLWORK. TRACTOR SHALL PROVIDE PLUMBING FIXTURES WITH FLUSH VALV TMENT. TILE OR CARPET MARKER AS NECESSARY. &S BRASS, OR BRASSCRAFT. RANCE REQUIREMENTS.	νe

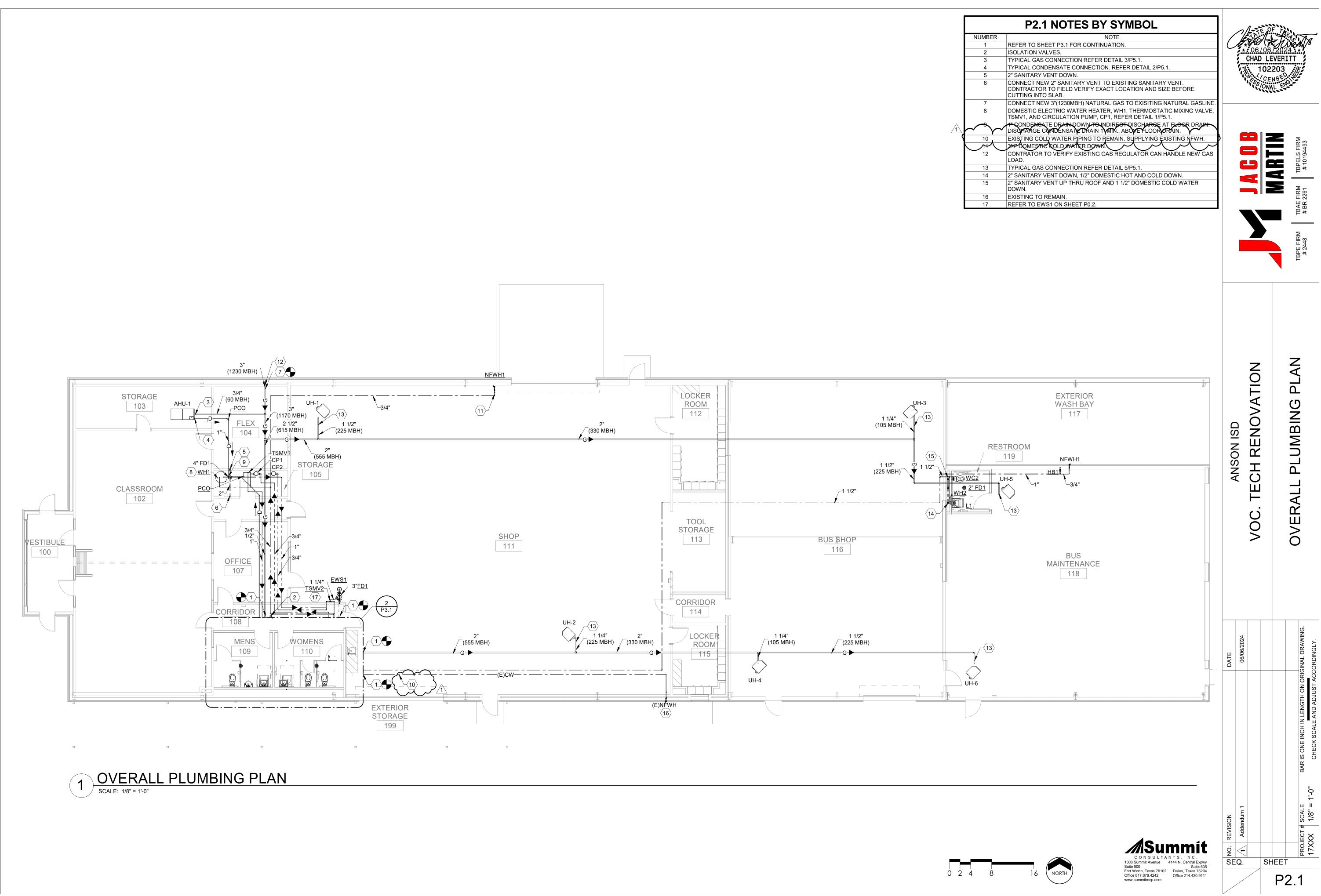


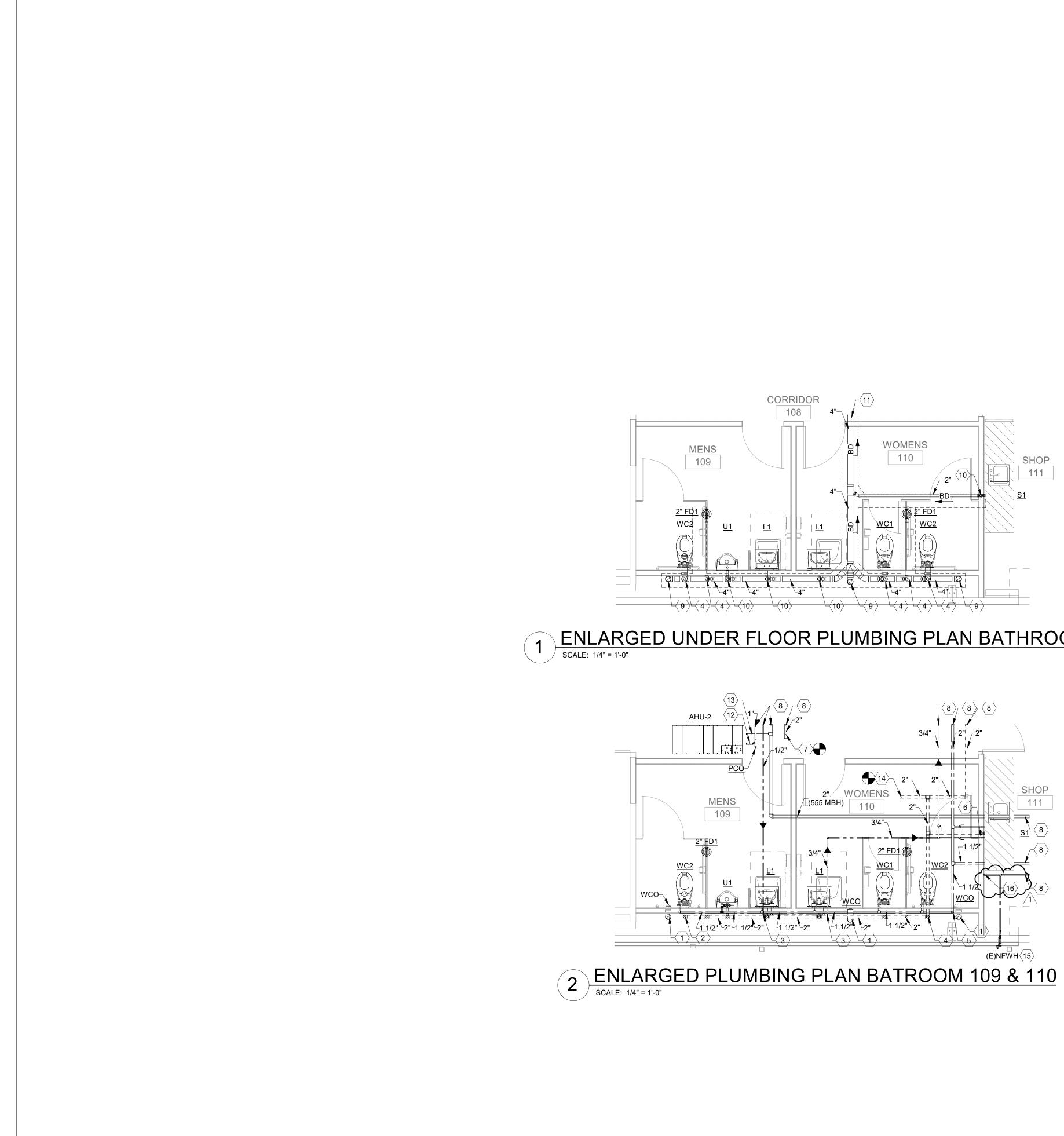




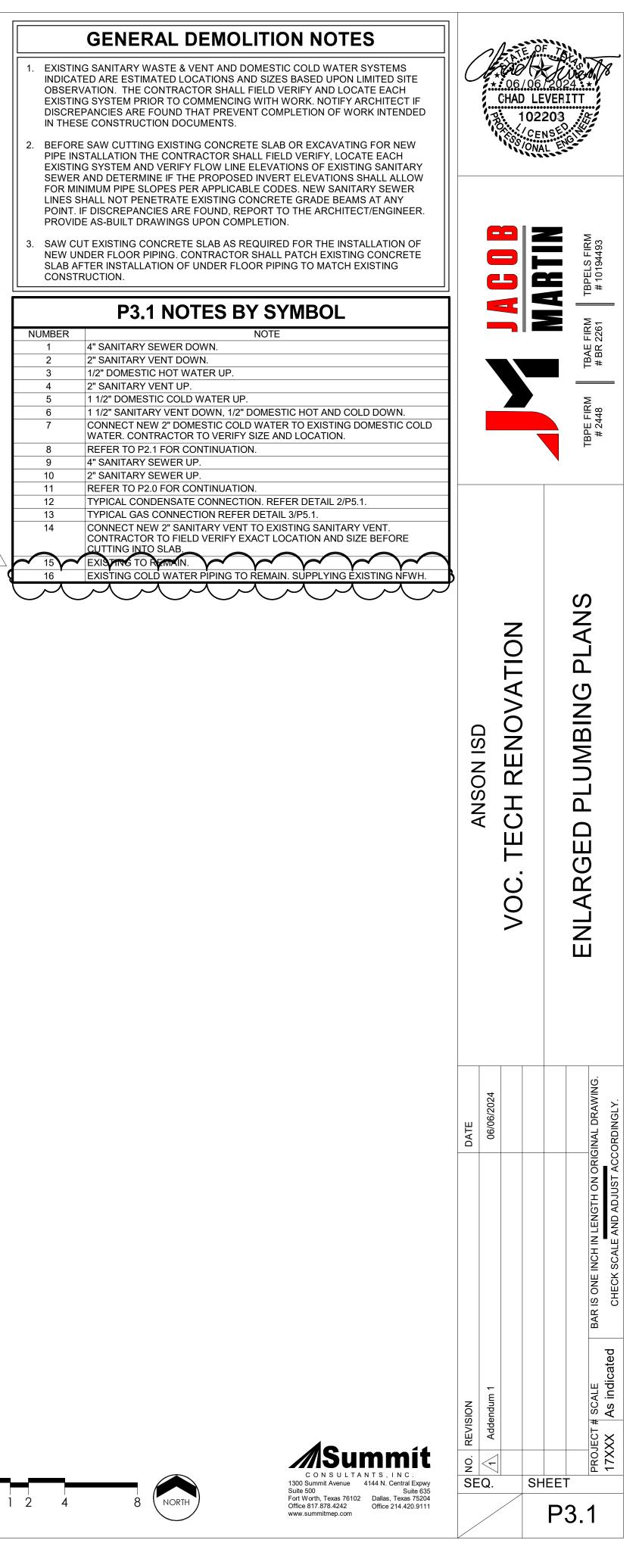
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New UDE SUBULT DRAWINGS UPON COMPLETION. 8. SAW CUT EXISTING CONCRETE SLAB AS REQUIRED FOR THE INSTALLATION OF New UNDER FLOOR PIPING CONTRACTOR SHALL PATCH EXISTING CONCRETE SLAB AFTER INSTALLATION OF UNDER FLOOR PIPING TO MATCH EXISTING CONSTRUCTION. Image: Contract of Shall PATCH EXISTING CONCRETE SLAB AFTER INSTALLATION OF UNDER FLOOR PIPING TO MATCH EXISTING CONSTRUCTION. Image: Contract of Shall PATCH EXISTING CONCRETE SLAB AFTER INSTALLATION OF UNDER FLOOR PIPING TO BE REMOVED CONSTRUCTION. Image: Contract of Shall PATCH EXISTING CONSTRUCTION. Image: Contract of Shall PATCH EXISTING CONSTRUCTION. Image: Contract of Cont	PIPE INS EXISTIN SEWER FOR MII LINES S	STALLATION THE CONTRACTOR S G SYSTEM AND VERIFY FLOW LIN AND DETERMINE IF THE PROPOS NIMUM PIPE SLOPES PER APPLIC, HALL NOT PENETRATE EXISTING	SHALL FIELD VERIFY, LOCATE EACH IE ELEVATIONS OF EXISTING SANITARY SED INVERT ELEVATIONS SHALL ALLOW ABLE CODES. NEW SANITARY SEWER CONCRETE GRADE BEAMS AT ANY			S ONAL	
P1.0 NOTES BY SYMBOL NUMBER NOTE NOTE </td <td>PROVID 3. SAW CL NEW UN SLAB AF</td> <td>E AS-BUILT DRAWINGS UPON CO JT EXISTING CONCRETE SLAB AS NDER FLOOR PIPING. CONTRACTO FTER INSTALLATION OF UNDER FI</td> <td>MPLETION. REQUIRED FOR THE INSTALLATION OF OR SHALL PATCH EXISTING CONCRETE</td> <td></td> <td></td> <td></td> <td>PELS FIRM 10194493</td>	PROVID 3. SAW CL NEW UN SLAB AF	E AS-BUILT DRAWINGS UPON CO JT EXISTING CONCRETE SLAB AS NDER FLOOR PIPING. CONTRACTO FTER INSTALLATION OF UNDER FI	MPLETION. REQUIRED FOR THE INSTALLATION OF OR SHALL PATCH EXISTING CONCRETE				PELS FIRM 10194493
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OLITION PLUMBING PLAN	-	EXISPING TO REMAIN. DASHED LINE INDICATES ESTIM		×			
C. TECH RENOVATI			LS ABOVE. REFER TO P2.0 FOR ADDITIONAL	\mathcal{P}			
							DLITION PLUMBING
				NO. REVISION	Addendum 1		PROJECT # SCALE BAR IS ONE INCH IN LENGTH ON ORIGINAL DRAWING

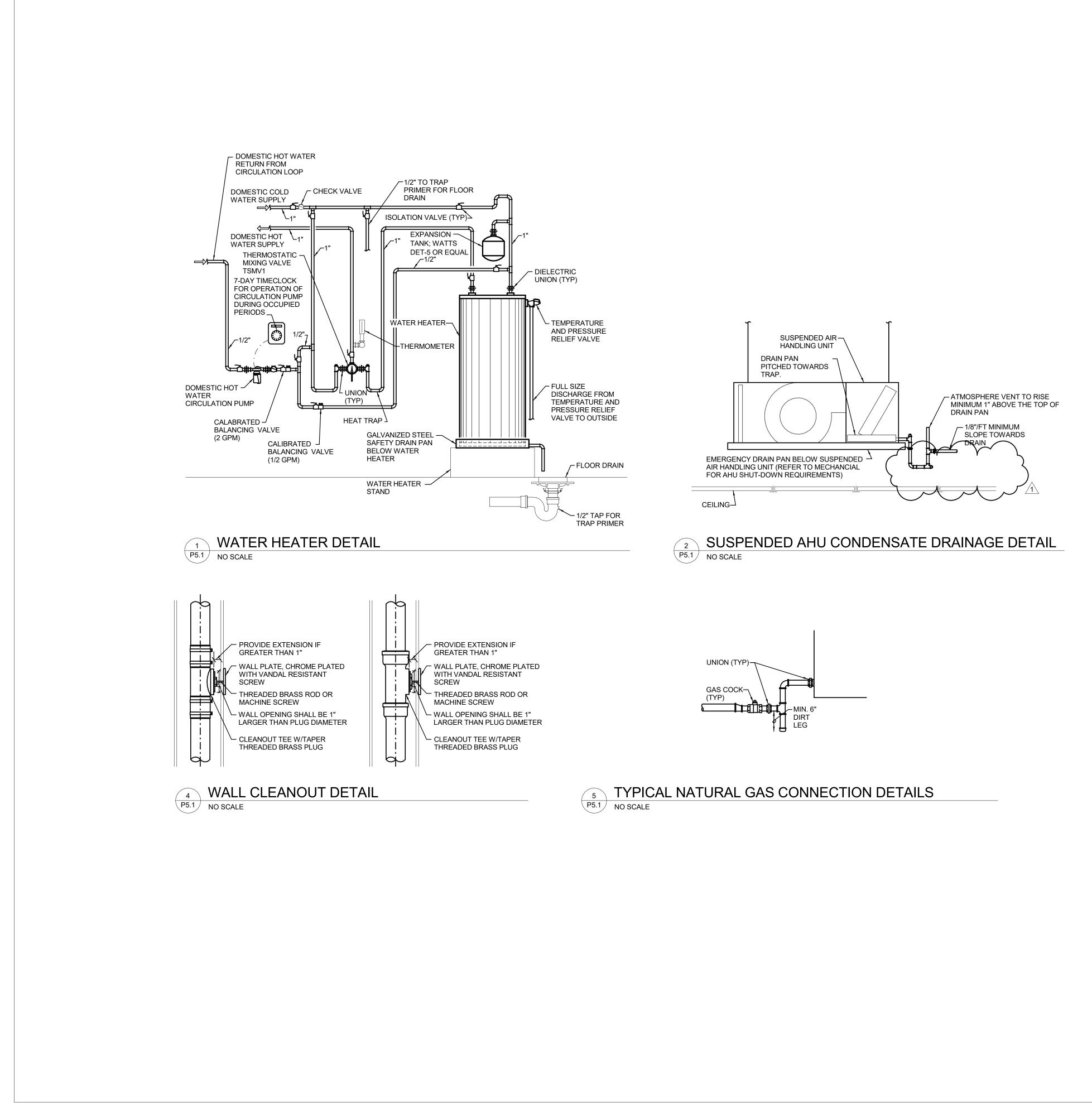


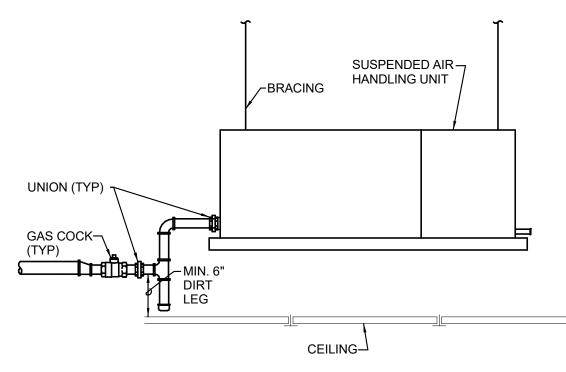




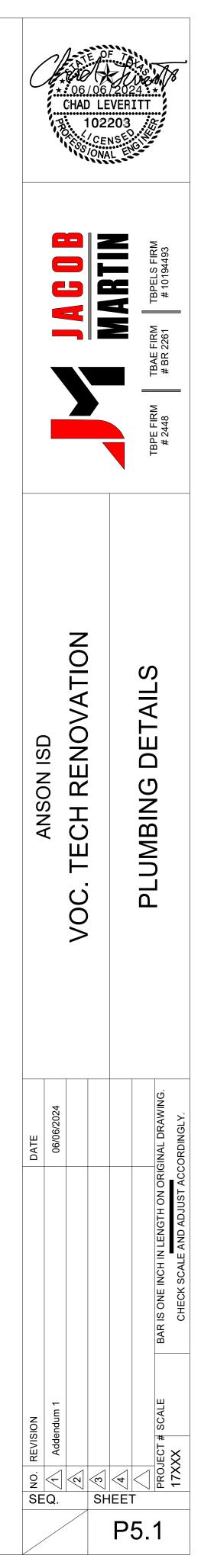
ENLARGED UNDER FLOOR PLUMBING PLAN BATHROOM 109 & 110











SUSPENDED AHU GAS CONNECTION DETAIL

