

## ADDENDUM NO. 2

**TO: PLANS AND SPECIFICATIONS FOR STATE OF MISSOURI**

**State of Missouri St. Clair Readiness Center  
375 Commercial Avenue  
St. Clair Missouri 63077  
Project No. T2326-01**

Bid Opening Date is: 1:30 PM, September 12, 2024 (Not Change)

**Bidders are hereby informed that the construction Plans and/or Specifications are modified as follows:**

### **SPECIFICATION CHANGES:**

1. Table of Content
  - a. *MODIFY in Section 028213 – ASBESTOS ABATEMENT*
  - b. *MODIFY in Section 102113.19 – PLASTIC TOILET COMPARTMENTS*
  - c. *MODIFY in Section 114000 – FOODSERVICE EQUIPMENT*
  - d. *MODIFY in APPENDIX 1 - ASBESTOS AND LEAD INSPECTION REPORTS*
2. Section 028213 – ASBESTOS ABATEMENT
  - a. *MODIFY 1.1 Scope, has been modified to clarify the responsibilities regarding air sampling. The General Contractor (GC) is responsible for hiring a third-party consultant to conduct air sampling before and after the abatement contractor removes their enclosure and moves to the next area.*
3. Section 102113.19 – PLASTIC TOILET COMPARTMENTS
  - a. *MODIFY in 2.2, Modify Toilet-Enclosure Style, ADD Overhead Braced.*
4. Section 114000 – FOOD SERVICE EQUIPMENT
  - a. *MODIFY Food services equipment specifications.*
5. Appendix 1
  - a. *UPDATE Asbestos and Lead Inspection Reports, the report has been updated (Roof has been tested and results have been added)*

### **DRAWING CHANGES:**

1. Drawing G001:
  - a. *CHANGE Revision number on architectural sheets.*
2. Drawing D101:
  - a. *ADD Callout for the counter opening in the kitchen*

3. Drawing A100:
  - a. CHANGE Door 120A size.
4. Drawing A120:
  - a. Graphics changed from 2x4 to 2x2 ceiling tiles.
5. Drawing A140:
  - a. UPDATE Restroom accessories schedule, to clarify restroom accessories to be contractor furnished, contractor installed. The only items that will be owner furnished and contractor install will be the Paper Towel dispensers and soap dispensers
6. Drawing A141:
  - a. CHANGE Racks quantity to be 2 Racks instead of 1.
  - b. ADD Callout for the counter opening in the kitchen.
7. Drawing A200:
  - a. ADD Specifications note for the exterior ladder access signs.
8. Drawing A201:
  - a. ADD Specifications note for the exterior ladder access signs
9. Drawing A351:
  - a. ADD Structural detail on wall section 5 for the counter opening in the kitchen.
  - b. ADD Serving Window Elevation.
  - c. ADD Steel header note.
10. Drawing A700:
  - a. UPDATE Door Schedule.
11. Drawing A720:
  - a. UPDATE the partition schedule.
12. Drawing A800:
  - a. UPDATE Room Finish Schedule & Finish and Material Schedule
13. Drawing Q-FP-01:
  - a. CHANGE Racks quantity to be 2 Racks instead of 1.

## **BIDDER QUESTIONS AND RESPONSES:**

Here are all the questions we received from the bidders, along with responses for each items:

1. What veneer is required for the wood doors? Is particleboard construction okay for the wood doors?
  - a. Real wood doors preferable, All doors to have a veneer finish.
2. Is there a specific brand of lockset or keyway this is required that needs to be matched?
  - a. Use a removable BEST 7 Pin cylinder and they are interchangeable with any hardware.
3. The hollow metal specification calls out for "factory finished" hollow metal. Do you want the hollow metal doors and frames to be factory painted or can I figure this material as primed, painting by others?
  - a. Prime and paint the hollow metal doors.
4. Are 18 gauge hollow metal doors and 16-gauge hollow metal frames sufficient??
  - a. That would be fine.
5. Clarify if a roof coverboard is required, if so, specify type and thickness?
  - a. No coverboard is required
6. Roof pavers? Or roof manufacturer's standard walk pads?
  - a. Manufacturer's standard walk pads for full roof warranty.
7. Clarify if roof parapets get full Coping per 077100 Roof Specialties or just metal flashing as detailed on page A550?
  - a. Parapets to receive metal flashing as detailed on A550. Metal flashing should match in profile and color to the existing conditions.
8. Is there a process to becoming approved as a substitution?
  - a. Request for substitution will only be considered only if submitted ten (10) days prior to bid date. Request will be subject to specification requirements described in this Section.
  - b. Any substitute for materials specified, or changes in methods of construction from the way specified and shown on the approved detail drawings is to be requested, in writing, from the Owner, before any such substitution is applicable.
9. We put together a proposal for an alternate approach in the kitchen by removing MAU-1 and providing all outside air for the kitchen hood through AHU-4. Is that something you would be interested in looking at for this project or as an example for future projects
  - Sequence of operations for AHU-4 would be as followed:
    - Hood OFF – space UNOCCUPIED: AHU-4 cycles in AUTO mode (100% return air) to meet unoccupied set points.

- Hood OFF– space OCCUPIED: AHU-4 runs continuously in ON mode (200 CFM outside air = 6.67% outside air) to meet occupied set points.
- Hood ON– space OCCUPIED: AHU-4 runs continuously in ON mode (2550 CFM outside air = 85% outside air) to meet occupied set points and make up air for the kitchen hood exhaust.?

a. This alternative can't be accepted, as it would require a complete redesign.

10. Substitution request for exhaust hood with fire protection?

a. Accurex has been approved as a manufacturer per the kitchen designer's specifications. However, submittal shows additional duct connections and revised arrangement. Hood connections were designed to avoid issues with existing structure. Due to the ductwork needing to penetrate the roof due to routing around existing structure, and there now being two additional ducts shown for the provided hood, substitution request is rejected.

11. Exterior elevations note Metal Panel 1 is to be Composite panels. I do not see these located on any of the exterior elevations. Please confirm if there are any composite panels?

a. Metal Panel 1 designation is standard note and does not apply.

12. Scuppers and conductor heads are noted to be existing. Elevations have noted downspout but doesn't say new or existing. Do they want new downspouts onto the existing conductor heads??

a. Conductor heads and downspouts are existing to remain. No new downspouts. Contractor to notify architect if any conductor heads and/or downspouts are damaged or appear to be in a non-function state.

13. Item # 40 - T-23PT-HC is not available with glass doors. It is only available with solid doors. We have quoted the solid doors. We have quoted Item # 6 as a T-49-HC with full doors as the model number and drawing indicate. We also quoted the T-49-4-HC with 4 half doors as an alternate as called out in the description of the specification.

a. Item #40 Pass Thru Refrigerator: Provide Full Height Solid Doors

b. Item #6 Refrigerator: Provide Full Height Solid Doors

14. Has the roof been tested for Asbestos? If its Asbestos, does this material have to be removed by a DNR Licensed Abatement Contractor?

a. The roof will be tested, and the revised report will be included in Addendum No. 2. Material removal is required if the roof is friable.

15. The asbestos spec mentions that the drywall/joint compound is positive for asbestos however it does not provide a quantity or location. Please provide a drawing to reflect the asbestos drywall/joint compound location?

a. Per the Asbestos Inspection Report - "All quantities are to be verified by any contractor bidding for the removal...". The architect does not have a plan identifying these locations. It is up to the contractor to verify the complete locations.

16. Spec Section 028213, 3.15 A: The asbestos spec mentions Testing for Final



Clearance in Asbestos Containment. Who is responsible for contracting the Third-Party Air Monitoring?

- a. The General Contractor will be responsible for hiring a third-party consultant to conduct air monitoring before/after abatement work, as stated in section 028213.
17. Spec Section 028213, 3.11 A & B: Who is the onsite representative that will inspect our containment prior to our work?
- a. The General Contractor and the abatement contractor shall be responsible for that on the site, along with the third-party consultant who will be conducting the air monitoring.
18. Do you know if St. Clair is hiring their own 3rd party consultant to run final air clearances or should I put that in my own pricing?
- a. The General Contractor will be responsible for hiring a third-party consultant to conduct air monitoring before/after abatement work, as stated in section 028213.
19. In the asbestos report it does not quantify how much drywall goes.... the picture below is in the report, and should I plan on removing all this drywall in the entire area? Also do these ceilings have drywall and these ceilings need to be removed??
- a. Per the Asbestos Inspection Report - "All quantities are to be verified by any contractor bidding for the removal...". The architect does not have a plan identifying these locations. It is up to the contractor to verify the complete locations.
20. Regarding Division 11400 foodservice equipment, will you please clarify the quantity to price for item 34 New Age racks. Specs and drawing schedule both list quantity 1 but drawing sheet Q-FP-01 shows quantity of 2?
- a. Item #34 RACKS: Provide quantity of TWO (2).
21. Is PSI going to be the on-site consultant for this project? This is the first that I have heard about this. We did do some preliminary work at this site in 2023.
- a. The GC shall hire a third-party consultant performs air sampling in the areas surrounding the abatement zones before/after the abatement contractor (Hired by the GC) can remove their enclosure and proceed to the next area. This step is necessary to ensure the safety of occupants in adjacent spaces and to prevent exposure to hazardous materials, which could impact both people and mechanical systems.
22. Can the architect distinguish the cmu walls from the drywall walls on the demo plan? Some of these are covered in wood paneling. Also, for the Friable drywall. The inspector will have to amend his report to reflect a quantity of drywall for the MNDR project Notification.
- a. Upon review of existing drawings, it appears all walls are CMU. Contractor will need to verify location(s) of drywall as mentioned in the Asbestos report. Drywall may be limited to ceilings.
23. The ceiling #1912 is a 2x2 ceiling tile, but the reflected ceiling plans shows a 2x4. Please advise.?
- a. Ceiling to be ACT-1, Armstrong 1912TEMP, 24"x24
24. The kitchen calls out for Altro wall covering and they come in 4'x8' sheets. The height for this FRP wall covering calls out for 6' tall on the walls, can these FRP panels go up

8'? Also, what trim are you expecting to have on the top of this FRP? Also do you have a wall elevation of the kitchen?

- a. Altro wall covering can extend from floor to ceiling. Trim should be manufacturer's standard trim to provide manufacturer's full warranty

25. The cut through the furred exterior wall shows insulation, but the P6 wall type does not indicate it gets any insulation. Please advise.?

- a. Insulation to be included

26. Please confirm that we are able to have the whole facility available for construction or we will have to complete some offices/areas before starting on other offices/areas?

- a. Full Owner Occupancy: The Owner will occupy the site and existing building during the entire construction period. Cooperate with the Owner during construction operations to minimize conflicts and facilitate owner usage. Perform the Work so as not to interfere with the Owner's operations, as stated in section 011000, sub-section 1.8

27. Looking to submit a bid to the GCs for the HDPE toilet compartments and would like to get Scranton Products pre-approved as they meet the requirements of the specs. In the Product Substitution Request document, I point out that the basis of design Bradley does not meet the requirement of the surface burning characteristic NFPA 286.?

- a. Substitution Request Approved

28. One other item to note, specs call out floor-anchored only partitions. This style is not available from any manufacturer that I know of in HDPE material, only available in metal and phenolic core. HDPE will come in floor-anchored and overhead braced or floor-to-ceiling. Might want to clarify that item?

- a. Toilet-Enclosure Style: Floor Mounted, Overhead Braced

29. Item #6 – Refrigerator – Specification calls for model #T-49-HC with half height doors, however, specified model comes with full height doors. Model #T-49-4-HC that has half height doors. Please verify is model #T-49-4-HC to meet spec unit with half height doors?

- a. Item #6 REFRIGERATOR: Provide full height solid doors

30. Item #34 – Racks – Specification and equipment schedule lists quantity of (1), however, plan Q-FP-01 shows quantity of (2). Quoted quantity of (2) per plan Q-FP-01. Please verify quantity required.

- a. Item #34 RACKS: Provide quantity of TWO (2)

31. Item #40 – Pass Thru Refrigerator – Model #T-23PT-HC specified is not offered by True. True does offer, model #STF1RPT-2HG-1S-HC that meets spec. Please verify if this model is acceptable to meet spec.

- a. Item #40 PASS THRU REFRIGERATOR: Provide full height solid doors

32. Item #43 – Hot Holding Cabinet – Written specs list "split cavity", model specified is not a split cavity unit as it only holds (5) 18" x 26" x 1" or (10) 12" x 20" x 2-1/2" pans. The closest matching split cavity unit would be #VBP5ES. Written specs list "pass thru style" model specified is not a pass thru style unit. The closest matching pass thru option is model #VPT7. Please verify which unit is required.

- a. *Need a full height pass thru unit VPT15*
33. Can you please provide more information on the shower pan and shower panels? The elevation shows panel as EP-2 but the reference on the finish schedule is for the flooring in the Bathroom and kitchen color. There's no information in the fixture schedule in the plumbing prints.
- a. *There will be no shower pan. Shower wall panels have been updated to be an aluminum composite wall panel by Liquid Elements. Color to be Halifax Rain in a matte finish, to match EP-1.*
34. Are the bathroom accessories all supplied by Owner as indicated on the plans? Are there toilet partitions to be ordered or will those be furnished with the accessories? There's no indication on the plans.
- a. *Restroom accessories to be contractor furnished, contractor installed. The only items that will be owner furnished and contractor install will be the Paper Towel dispensers and soap dispensers*
35. On 5 - A/351 when the wall is to be removed for the opening in the kitchen. Is there a structural drawing being issued in the Sept 5th addendum that gives us a direction on how we need to secure the load being opening?
- a. *The detailed section will be called out in A351, and will be shared via addendum no.2*
36. The asbestos report identified asbestos in the drywall/joint compound but did not give any sample locations other than throughout. After visiting the site, I found Gyp board ceilings above the ACT drop ceilings in all the office/ side room areas. Can you confirm will the Gyp board ceilings above these drop ceiling system need to be removed?
- a. *The contractor will determine whether to keep or remove the hidden ceiling structure based on the location of plumbing pipelines and HVAC ducting. Any asbestos-containing materials identified in the Asbestos Report must be completely removed. If any asbestos becomes friable during construction or is disturbed in any way, it must also be fully removed in accordance with regulations.*
37. Drawing D103 Reflected Ceiling Demo Plan there are notes "Exist Gyp BD ceiling to be removed in entire building" "All ACT ceilings to be removed in entire building". Does this include any and all ACT ceilings including the Drill Hall as well as any Gyp BD ceilings above?
- a. *All Existing ceiling to be removed as per D103 and replaced as per A120*
38. Can an actual abatement plan be provided to show the extent and limitations of abatement or are we to remove all identified asbestos throughout?
- a. *Refer to the Asbestos Inspection Report - "All quantities are to be verified by any contractor bidding for the removal...". The architect does not have a plan identifying these locations. It is up to the contractor to verify the complete locations*
39. We have been informed by Captive-Aire that DGG consultants already approved their Tank fire suppression system and Ansul fire suppression is no longer required on item #32. Please clarify if Tank fire suppression is an acceptable substitute for Ansul.
- a. *Yes*

40. Would substitution of T&S Brass for the Fisher faucets (#16, 37,41, 44) be acceptable to meet the BuyAmerican standard?

- a. Yes, any substitute for materials specified, or changes in methods of construction from the way specified and shown on the approved detail drawings is to be requested, in writing, from the Owner, before any such substitution is applicable.

41. Can you please clarify for the GC's what is intended for "Temporary Facilities" -Restroom, Shower Facilities, Drinking Water. What is the intent for Office space, Phone /fax Lines. Please advise on how we need to proceed for pricing.

- a. The contractor to maintain Full Owner Occupancy: The Owner will occupy the site and existing building during the entire construction period. Cooperate with the Owner during construction operations to minimize conflicts and facilitate owner usage. Perform the Work so as not to interfere with the Owner's operations, as stated in section 011000, subsection 1.8

42. Can we get a specification on the exterior ladder access signs? Vendor, Material, Size, Color etc....

- a. Sign should be Aluminum exterior grade traffic sign with safety yellow field and black lettering

43. Where exactly the EP-1 and the EP-2 goes. There are some discrepancies between the Room Finish Schedule, Finish & Material Schedule, and the Finish Plan.

- o - Finish Plan Has EP-1 in Drill Hall, Men, Women, and Kitchen, while EP-2 is in the lobby.
- o - Room Finish Schedule lists all those rooms for EP-1.
- o - Finish & Material Schedule says EP-1 for Lobby/Drill Hall & Shower Walls; while EP-2 for Kitchen & Bathroom Floors.

Usually, I would go off Finish Plan more than the others, but if he can clarify that would be great.

- a. EP-1 goes on Lobby Floor and the Shower wall panels (AWP-1). And EP-2 goes on the Drill, Men, Women, and Kitchen Floors

44. Are there Gyp board ceilings above the Drill Hall ACT system to be removed?

- a. The contractor will determine whether to keep or remove the hidden ceiling structure based on the location of plumbing pipelines and HVAC ducting. Any asbestos-containing materials identified in the Asbestos Report must be completely removed. If any asbestos becomes friable during construction or is disturbed in any way, it must also be fully removed in accordance with regulations.

45. Can directions for the (3) requested alternates be put into the plan set?

- a. Alternates mentioned in section 012300 - 1, The locations have been identified in the specs, the contractor to refer to those areas in the plans and identify the quantities.

46. Alt #1 requests grinding and epoxy leveling. In what room(s)?

- a. Drill Hall

47. Which components, conduit, and wiring should be included in Alt #3?

- a. Alternate No. 3: Stand-by Generator, this will include the standby generator and all related switches and wiring and any related item.

48. Could we get some clarification on the broken pipe that is stated on drawing C101 for the St. Clair Readiness Center Renovation? I have attached a snippet of the drawing with the 2 highlighted notes as well as circled the pipe it shows being connected to. Is there more broken pipe that will need to be fixed or is only the section that I circled those needs replaced?

- a. There was an inspection record done during the design phase, where it was recommended to replace the whole pipe up before HWY 47.

**GENERAL:**

1. Copy of Attendance Record is attached for information only. Changes to , or clarification of, the Bid Documents are only made as issued in the Addenda.
2. Please contact Paul Girouard, Contract Specialist, at 573-751-4797 or [Paul.Girouard@oa.mo.gov](mailto:Paul.Girouard@oa.mo.gov) for questions about bidding procedures, MBE/WBE\SDVE Goals, and other submittal requirements.
3. The deadline for technical questions is September 5, 2024, at Noon.
4. Changes to, or clarification of, the bid documents are only made as issued in the addenda.
5. All correspondence with respect to this project must include the State of Missouri project number as indicated above.
6. Current Plan Holders list available online at: [Bid Listing/ Electronic Plans \(Projects Currently Bidding\) | Office of Administration \(mo.gov\)](#) T2326-01-renovate-interior-exterior-St-Clair-Readiness-Center
7. Prospective Bidders contact American Document Solutions, 1400 Forum Blvd Suite 7A, Columbia MO 65203, 573-446-7768 to order official plans and specifications.
8. All bids shall be submitted on the bid form without additional terms and conditions, modifications, or stipulations. Each space on the bid form shall be properly filled including a bid amount for the alternates. Failure to do so will result in rejection of the bid.
9. MBE/WBE/SDVE participation requirements can be found in DIVISION 00. The MBE/WBE/SDVE participation goals are 10%/10%/3%, respectively. Only certified firms as of the bid opening date can be used to satisfy the MBE/WBE/SDVE participation goals for this project. If a bidder is unable to meet a participation goal, a Good Faith Effort Determination Form must be completed. Failure to complete this process will result in rejection of the bid.

**ATTACHMENTS:**

1. *Section 000110 Table of Contents*
2. *Section 028213 Asbestos Abatement*
3. *Section 102113.19 Plastic Toilet Compartments*
4. *Section 114000 Food Service Equipment*
5. *Section Appendix-1 Update*
6. *Drawings G001, D101, A100, A120, A140, A141, A200, A201, A351, A700, A800 and Q-FP-01*
7. *Product Substitution Sheet*
8. *Pre-Bid Sign-in Sheet*

**END ADDENDUM NO. 2**

**By the Order of:**

Fred L. Decker Jr., Project Manager  
Division of Facilities Management,  
Design and Construction  
September 9, 2024

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## SECTION 028213 – ASBESTOS ABATEMENT

### PART 1 - GENERAL

#### 1.1 SCOPE

- A. This specification covers the removal of asbestos materials as identified in Section 003126-Summary of Work. The abatement contractor is responsible for field verifying quantities and site conditions. This work shall be done in strict accordance with the specifications. Compliance with all applicable Federal, State, and local regulations and the use of the best available technology, procedures, and methods for preparation, execution, cleanup, disposal, and safety are absolutely required. This compliance is the sole responsibility of the Abatement Contractor. The General Contractor (GC) is responsible for hiring a third-party consultant to conduct air sampling in the areas surrounding the abatement zones. This must be done before and after the abatement contractor can remove their enclosure and proceed to the next area.

#### 1.2 DESCRIPTION

- A. Furnish all labor, materials, services, insurance, and equipment in accordance with the most stringent requirements of Franklin County Health Department, MDNR, EPA and OSHA and all other applicable regulatory agencies, to complete the isolation of asbestos-containing materials as described in the Summary of Work.

#### 1.3 SUBMITTAL REQUIREMENTS

- A. Manufacturer's Catalog data:
1. Vacuums
  2. Respirators
  3. Amended water
  4. Material Safety Data Sheets
  5. Encapsulants
  6. Wastewater Filtration Systems
- B. Statements:
1. Health and Safety Pan - Submit a detailed plan of the safety precautions and OSHA compliance program for the project. The plan shall include, but not be limited to lockout/tagout, fall protection and confined space entry procedures. The health and safety plan shall also include both fire and medical emergency response plans.
  2. Testing laboratory - Submit the name, address, and telephone number of each testing laboratory selected for the analysis and reporting of personal air samples. Furnish evidence that the selected laboratory is an accredited participant in the AIHA PAT programs for airborne asbestos analysis.
  3. Approval of waste disposal site and transporter - Submit copies of permits for the waste disposal site, transfer station and the waste transporter. If the Contractor plans to utilize in-state disposal facilities, prior approval may be required from the MDNR.
  4. Worker training certificates - Submit copies of each employee's certification cards/diplomas.
  5. Medical certification - Provide a written certification for each Worker and "Competent Person", signed by a licensed physician indicating that the employee has met or

- C. Regulatory Requirements: Comply with applicable provisions in the USDOJ's "2010 ADA Standards for Accessible Design" for toilet compartments designated as accessible.

## 2.2 SOLID-PLASTIC TOILET COMPARTMENTS

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
  - 1. Basis of Design: Bradley Corporation. For substitutions refer to Architect..
  - 2. ASI Accurate Partitions.
  - 3. American Sanitary Partition Corporation.
- B. Toilet-Enclosure Style: Floor anchored, Overhead Braced
- C. Door, Panel, and Pilaster Construction: Solid, high-density polyethylene (HDPE) material, not less than 1 inch thick, seamless, with eased edges, and with homogenous color throughout thickness of material.
  - 1. Color: One color in each room as selected by Architect from manufacturer's full range.

## 2.3 HARDWARE AND ACCESSORIES

- A. Door Hardware and Accessories: Manufacturer's operating hardware and accessories. Mount with through bolts.
  - 1. Hinges:
    - a. Manufacturer's continuous, cam type that swings to a closed or partially open position, allowing emergency access by lifting door.
      - 1) Material, Continuous Hinge: Manufacturer's standard.
  - 2. Latch and Keeper: Manufacturer's surface-mounted latch unit, designed for emergency access, and with combination rubber-faced door strike and keeper. Provide units that comply with regulatory requirements for accessibility at toilet enclosures designated as accessible.
    - a. Material: Manufacturer's standard.
  - 3. Coat Hook: Manufacturer's combination hook and rubber-tipped bumper, sized to prevent inswinging door from hitting compartment-mounted accessories.
    - a. Material: Manufacturer's standard.
  - 4. Door Pull: Manufacturer's unit at outswinging doors that complies with regulatory requirements for accessibility. Provide units on both sides of doors at toilet enclosures designated as accessible.

## SECTION 114000 – FOOD SERVICE EQUIPMENT

### PART 1 - GENERAL

#### 1.01 SUMMARY

A. Section includes:

1. Foodservice Equipment as scheduled on the drawings

B. Whenever the term "Foodservice Equipment Sub-Contractor is used, it shall be the company that is the successful bidder and is awarded the contract for the erection and completion of the work that is outlined herein to the complete satisfaction of the Owner.

#### 1.02 SUBMITTALS

A. Within ten calendar days after award of contract, the Foodservice Equipment Sub-Contractor is to supply in quadruplicate, fully dimensioned rough-in drawings and also, as required, plans indicating bases in the building upon which equipment is to set.

B. State the name of the fabricator of all custom fabricated equipment. Any change of source afterward shall be subject approval by the Owner.

C. Within thirty (30) days after award of contract, the Foodservice Equipment Sub-Contractor is to supply, in quadruplicate, a detailed set of shop drawings of custom fabricated equipment, at a scale of no less than 3/4" equals 1'0". Submit in quadruplicate, specifications sheets with full data on all items of brand name manufacturer, catalog cuts to be bound in booklet form and clearly identified with item number to correspond with itemized specifications, hereinafter indicated.

D. Approval of detailed shop drawings and specification sheets shall not waive obligation of Foodservice Equipment Sub-Contractor to furnish materials and methods of construction called for in specifications, even though they may be shown incorrectly, or, not at all, in the drawings.

E. Any substitute for materials specified, or changes in methods of construction from the way specified and shown on the approved detail drawings is to be requested, in writing, from the Owner, before any such substitution is applicable.

F. All equipment of brand name manufacture shall be of the latest model or succeeding model at the time of the delivery. Any price adjustment in this connection shall be requested of the Owner in writing.

#### 1.03 WARRANTY

A. Submit Foodservice Equipment Sub-Contractor's guarantee for all workmanship, material and equipment, for a period of one (1) year from the time the equipment is put into operation and accepted by the Owner.

B. Guarantee and conditions of service on items of brand name manufacture, as established by the manufacturers, shall apply where extending beyond the guarantee and service set forth in these specifications.

**FOODSERVICE EQUIPMENT SPECIFICATION**

ITEM 1, MOP SINK: ONE (1) REQUIRED N.I.C.

The Mop Sink shall be furnished and installed by the Plumbing Contractor.

ITEM 2, MOP RACK: ONE (1) LOT REQUIRED N.I.C.

The Mop Rack shall be furnished and installed by the General Contractor.

ITEM 3, WALL SHELF: ONE (1) LOT REQUIRED N.I.C.

The Wall Shelf shall be furnished and installed by the General Contractor.

ITEM 4, STORAGE SHELVING: ONE (1) LOT REQUIRED

Manufacturer: Metro, Eagle, Cambro

Style: Super Erecta  
Four (4) 2460NC shelves  
Eight 2448NC shelves  
Four (4) 2454NC shelves  
Eight (8) 74P post

To be assembled as individual sections, four (4) shelves high.

ITEM 5, FREEZER: ONE (1) REQUIRED

Manufacturer: True, Continental, Traulsen

Model: T-72F-HC  
Three door unit w/ full height doors  
Nine (9) additional shelves  
Three (3) year parts and labor warranty  
Seven (7) year warranty on compressor  
Cord and plug  
Caters

ITEM 6, REFRIGERATOR: ONE (1) REQUIRED

Manufacturer: True, Continental, Traulsen

Model: T-49-HC  
**Full height doors hinged as shown on plan.**  
Six (6) extra shelves  
Three (3) year parts and labor warranty  
Seven (7) year warranty on compressor  
Cord and plug  
Caters

ITEM 7, CAN RACK: ONE (1) REQUIRED

Manufacturer: New Age, Channel, Lakeside

Model: 1225  
Casters

ITEM 8, HAND SINK: THREE (3) REQUIRED

Manufacturer: Advance Tabco, Eagle, John Boos

Model: 7-PS-70  
Punch with 8" O.C. Faucet holes  
Fisher splash mounted faucet consisting of 54437, 61549, and 75626 components  
Splash shields  
Crumb cup drain  
Mounted at ADA height to 34" above finished floor

ITEM 9, THREE COMPARTMENT SINK/CLEAN DISH TABLE: ONE (1) REQUIRED

Size: Approximately 9'-0" x 2'-6" x 3'-1" high over roll rim

Description: 14 gauge stainless steel construction  
1-1/2" roll rim on front and right end  
15-1/2" high splash on rear.  
Three (3) approximately 20" x 27" x 14" d. sink compartment  
Three (3) removable stainless steel sink covers with finger hole  
Left drain board turned down into dish machine  
Right drain board pitched to sink  
Two (2) Fisher splash mounted faucets consisting of 54429, 61549, and 71447 components  
Three (3) Fisher #22209 twist lever drains  
1-5/8" o.d. stainless steel cross rails – coordinate with grease trap location  
1-5/8" o.d. stainless steel tubing legs with stainless steel gussets and stainless steel adjustable feet

ITEM 10, DOUBLE OVER SHELF: ONE (1) REQUIRED

Size: Approximately 8'-0" x 1'-3" front to back - upper shelf  
1'-0" front to back - lower shelf

Description: 18 gauge stainless steel construction  
1-1/2" straight turn down on front and ends  
2" turn up on rear  
1-5/8" o.d. stainless steel tubing supports thru splash of pot sink with stainless steel cantilever brackets

ITEM 11, DISH MACHINE: ONE (1) REQUIRED

Manufacturer: CMA, Hobart, Champion

Model: C  
Corner Installation  
Low temp Chemical Sanitizing machine

Voltage: 115-60-1

ITEM 12, SOILED DISH TABLE: ONE (1) REQUIRED

Size: Approximately 6'-6" x 2'-6" x 3'-1" high over roll rim

Description: 14 gauge stainless steel construction  
1-1/2" x 3" high roll rim on front and left end  
15-1/2" high splash on rear  
21" x 21" x 6"d. scrap sink.  
Removable rack slide  
Removable perforated stainless steel basket  
One (1) Fisher #22209 twist lever drain  
One (1) Fisher deck mounted pre-rinse spray at scrap sink, consisting of 13080, 2932-0002, and 2928 components  
6" high deck at scrap sink  
1 5/8" O.D. stainless steel tubing legs with stainless steel gussets and stainless steel adjustable feet.  
1 5/8" O.D. stainless steel rear cross rails

ITEM 13, RACK SHELF: ONE (1) REQUIRED

Size: Approximately 2'-0" long, single sided

Description: 14 gauge stainless steel construction  
Single sided slanted  
Inverted raised rolled rim along front  
2" straight turn up on rear and ends  
Stainless steel wall brackets

ITEM 14, SOILED DISH TRANSPORT CARTS: THREE (3) REQUIRED

Manufacturer: New Age

Model: 1290CL

ITEM 15, POT AND PAN RACKS: TWO (2) REQUIRED

Manufacturer: Metro, Eagle, Cambro

Style: Super Erecta  
Eight (8) 2460NK3 shelves  
Eight (8) 74UPK3 post  
Eight (8) Casters

To be assembled as individual sections, four (4) shelves high.

ITEM 16, PREP TABLE: ONE (1) REQUIRED

Size: Approximately 10'-0" x 2'-6" x 3'-0" high

Description: 14 gauge stainless steel top  
1-1/2" straight turn down on front and ends  
6" high x 1" deep splash on rear  
Two (2) 18" x 20" x 10" deep sink compartment with 6" x 6" high deck at sink  
One (1) Fisher deck mounted faucet consisting of 57765 and 41726 components  
Two (2) Fisher #22209 twist lever drain  
Two (2) 20" x 20" x 5"d. stainless steel drawer assemblies complete w/stainless steel

housing, nylon rollers, stainless steel removable drawer pans, and double pan drawer face with full length integral recessed pulls  
18 gauge stainless steel under shelf welded to legs, 10" above finished floor  
1-5/8" o.d. stainless steel tubing legs with stainless steel gussets and stainless steel adjustable feet

ITEM 17, WALL SHELF: ONE (1) REQUIRED

Manufacturer: Advance Tabco, Eagle, John Boos  
Model: WS-12-120  
Stainless steel cantilever brackets

ITEM 18, MIXER: ONE (1) REQUIRED

Manufacturer: Globe, Hobart, Univex  
Model: SP20  
Cord and plug  
Standard equipment  
Stainless steel bowl  
9" vegetable slicer  
Grater plate  
5/16" shredder plate  
3/16" shredder plate  
#12 plate holder

ITEM 19, PORTABLE MIXER STAND: ONE (1) REQUIRED

Manufacturer: Advance Tabco, John Boos, Piper  
Model: MX-SS-302  
Casters

ITEM 20, SPARE NUMBER

ITEM 21, SPARE NUMBER

ITEM 22, SLICER: ONE (1) REQUIRED

Manufacturer: Globe, Hobart, Univex  
Model: G14  
Cord and plug  
Food fence

ITEM 23, SPARE NUMBER

ITEM 24, WORK TABLES: TWO (2) REQUIRED

Manufacturer: Advance Tabco, Eagle, John Boos  
Model: FMS-305

ITEM 25, CAN OPENER: ONE (1) REQUIRED

Manufacturer: Edlund or Equal  
Model: 1S  
KEC to mount in top of Work Table Item #24

ITEM 26, WALL SHELF: ONE (1) REQUIRED

Manufacturer: Advance Tabco Eagle, John Boos  
Model: WS-12-120  
Stainless steel cantilever brackets

ITEM 27, COMBI OVEN: ONE (1) REQUIRED

Manufacturer: Alto-Shaam, Rational, Convotherm  
Model: CTP7-20G  
Natural gas  
(1) CE-24750 Combitherm Cleaning liquid, (12) 1 quart containers per case  
(1) CE-28892 Combi Clean Cleaning Tabs, (90) packets each container  
Everpure #EV979722 water filtration system  
Mechanical startup check  
Stand with st. st. legs with flanged feet, shelf, and pan slides

ITEM 28, BRAISING PAN: ONE (1) REQUIRED

Manufacturer: Vulcan, Southbend, Groen  
Model: VG30  
Natural gas  
2" tangent draw-off  
Single pantry faucet  
Faucet bracket  
Lip strainer

ITEM 29, TRENCH DRAIN: ONE (1) REQUIRED

Size: Approximately 3'-6" x 2'-0"  
Description: 14 gauge stainless steel construction  
Fully welded, Anti-Splash design.  
Flashing flange  
Dome strainer  
One (1) 4" drain connections  
Stainless steel removable grates with st. st. filler plates as required where equipment legs may land on grate

ITEM 30, RANGE: ONE (1) REQUIRED

Manufacturer: Vulcan, Southbend, Garland  
Model: 36C-6BN  
Natural gas  
Casters



Convection oven base  
Single high shelf  
Rear gas connection  
Natural Gas  
Dormont Super-swivel quick disconnect complete with restraining device

ITEM 31, ST.ST. WALL PANELING: ONE (1) REQUIRED

Manufacturer: Captive Aire, Accu-rex, Greenheck  
Size: Approximately 16'-6" x 9'-0" high (behind full length of hood)  
Description: 18 gauge stainless steel  
Overlap installation  
From top of floor base to 9'-0" above finished floor - up behind hood

ITEM 32, HOOD W/FIRE PROTECTION SYSTEM: ONE (1) REQUIRED

Manufacturer: Captive Aire, Accu-rex, Greenheck  
Model: 6618SND-2-PSP-F Series With fire cabinet on left end

Description: The SND-2 series hood with PSP is a low proximity compensating canopy hood system rated for all types of cooking equipment. The hood shall have the size, shape and performance specified on drawings. Construction shall be type 304 stainless steel with a #3 or #4 polish where exposed. Individual component construction shall be determined by the manufacturer, ETL, and NSF. Construction shall be dependent on the structural application to minimize distortion and other defects. All seams, joints and penetrations of the hood enclosure to the lower outermost perimeter that directs the captures grease-laden vapor and exhaust gasses shall have a liquid-tight continuous external weld in accordance with NFPA 96. Hood shall be wall type with fully welded 10 gauge corner hanging angles. Corner hanging angles have a .625 x 1.500 slot pre-punched at the factory, allowing hanging rods to be used for quick and safe installations. Hanging rod and connect is provided by and installed by others. Ventilator shall be furnished with U.L. classified stainless steel "Captrate" filters, supplied in size and quantity as required by ventilator. The filters shall extend the full length of the hood and the filler panels shall not be more than 6' in width. The hood manufacturer shall supply complete computer generated submittal drawings including hood section view(s) and hood plan view(s). These drawings must be available to the engineer, architect and owner for their use in construction, operation and maintenance. Exhaust duct collar to be 4" height with 1" flange. Duct sizes, CFM and static pressure requirements shall be as shown on drawings. Static pressure requirements shall be precise and accurate; air velocity and volume information shall be accurate within 1-ft increments along the length of the ventilator. U.L. light fixtures shall be 4'-0" LED fixtures and shall be installed and pre-wired to a junction box.


The hood shall have:

- A double wall insulated front to eliminate condensation and increase rigidity. The insulation shall have a flexural modulus of 475 EI, meet UL 181 requirements and be in accordance with NFPA 90A and 90B.
- An integral front baffle to direct grease laden vapors toward the exhaust filter bank.
- A built-in wiring chase provided for outlets and electrical controls on the hood face and shall not penetrate the capture area or require an external

- chaseway.
- Low velocity make-up air (up to 90%) provided through front plenums (PSP accessory).
- A removable grease cup for easy cleaning.
- EMS Energy Management System
- Fan and light switch on face of hood – Verify fan voltages with engineering drawings

The hood shall be ETL Listed as “Exhaust Hood without Exhaust Damper”, NSF Listed and built in accordance with NFPA 96. The hood shall be listed for 450 F cooking surfaces at 150 CFM/ft, 600 F cooking surfaces at 200 CFM/ft, and 700 F cooking surfaces at 250 CFM/ft.

Enclosure Panels to finished ceiling as required

Manufacturer: Anson  or Equal

Model: R-102 Wet Chemical

1. The Kitchen Equipment Contractor shall furnish and install this item per the general and specific conditions complete with the following:
  - a. Furnish fire suppression system to meet NFPA standards 17A and 96, and be U.L. Listed to provide protection for plenum, exhaust duct collars and all grease producing cooking surfaces located under the ventilator. All piping, conduit, cable, etc., shall be concealed as applicable.
  - b. All nozzles and exposed piping to be chrome-plated or stainless steel. Size, number and location of nozzles and number of fusible links to be in accordance with U.L. limits for this particular system.
  - c. Manual control of the system shall be possible by actuation of remote release controls. Provide double-pole, double-throw, and electric snap action switch assembly.
  - d. Mechanical gas shut-off valves will be furnished loose and installed by the plumbing contractor. Electrical contractors (or Shut-trip breakers) required will be furnished and installed by the electrical contractor.
  - e. Obtain permits and conduct test of system in the presence of the owner's representative and the agency having jurisdiction.
  - f. Pre-piping of fire suppression system to be provided by ventilator manufacturer at factory.

ITEM 33, DUCT AND FAN: ONE (1) REQUIRED

N.I.C.

The Duct and Fan shall be furnished and installed by the H.V.A.C.

ITEM 34, RACKS.  TWO (2) REQUIRED

Manufacturer: New Age, Piper, Channel 

Model: 4330  
Pan stops  
Wrap around bumper

ITEM 35, ICE MACHINE: ONE (1) REQUIRED

Manufacturer: Scotsman, Manitowoc, Hoshizaki  
Model: MC0530SA-1 – Maker  
B530P - Bin  
Air cooled  
Cord and plug  
Manufacture recommended filter system  
Voltage: 115-60-1

ITEM 36, BEVERAGE COUNTER: ONE (1) REQUIRED

Manufacturer: Advance Tabco, Eagle, John Boos  
Model: FMS-305  
Top cut to accept Item #37 Drop in Dump Sink

ITEM 37, DROP-IN DUMP SINK: ONE (1) REQUIRED

Manufacturer: Advance Tabco, Eagle, John Boos  
Model: DI-1-1515  
Fisher deck mounted 4" O.C. pantry faucet to consist of 53880 and 75626 components  
Crumb cup drain

ITEM 38, COFFEE MAKER: ONE (1) REQUIRED N.I.C.

The Coffee Maker shall be furnished and installed by the Vendor.

ITEM 39, TEA BREWER: ONE (1) REQUIRED N.I.C.

The Tea Brewer shall be furnished and installed by the Vendor.

ITEM 40, PASS-THRU REFRIGERATOR: ONE (1) REQUIRED

Manufacturer: True, Continental, Traulsen  
Model: T-23PT-HC  
**Half height doors hinged as shown on plan. Glass on hallway side, solid on kitchen side**  
Three (3) extra shelves  
Three (3) year parts and labor warranty  
Seven (7) year warranty on compressor  
Cord and plug  
Caters

ITEM 41, WORK TABLE W/ SINK: ONE (1) REQUIRED

Size: Approximately 11'-0" x 2'-6" x 3'-0" high  
Description: 14 gauge stainless steel top  
1-1/2" straight turn down on all sides  
6" h. x 6" d. deck at sink  
One (1) 16" x 20" x 10" d. sink compartment

One (1) Fisher deck mounted faucet consisting of 57765 and 41726 components  
One (1) Fisher #22209 twist lever drain  
Two (2) 20" x 20" x 5"d. stainless steel drawer assemblies complete w/stainless steel housing, nylon rollers, stainless steel removable drawer pans, and double pan drawer face with full length integral recessed pulls  
18 gauge stainless steel under shelf welded to legs 10" above finished floor  
1-5/8" O.D. stainless steel tubing legs with stainless steel gussets and stainless steel adjustable feet.  
KEC shall provide (3) 115 volt, 20 amp receptacles mounted under the top, wired down thru the legs to j-box under bottom shelf, ready for final connections by E.C.

ITEM 42, HANGING UTENSIL RACK: ONE (1) REQUIRED

Size: Approximately 7'-0" x 2'-0"

Description: 3/16" x 2" stainless steel band construction w/radius ends  
One (1) lower band 12" below upper band  
Stainless steel double side pot hooks 8" o.c.  
Stainless steel rods supported to ceiling (structure)  
Mount unit at 7'-6" above finished floor to upper band

ITEM 43, HOT HOLDING CABINET: ONE (1) REQUIRED

Manufacturer: Vulcan, Metro, FWE

**Model:** **VPT15**  
Pass thru style  
Cord and plug  
Full perimeter bumper  
Casters

ITEM 44, SERVING COUNTER: ONE (1) REQUIRED

Size: Approximately 19'-0" x 3'-0" x 3'-0" high

Description: 14 gauge stainless steel top and splash  
1-1/2" straight turn down on front and right end  
6" high x 1" deep splash on rear and left end  
Top cut to accept Drop-in Units.  
One (1) Fisher fill faucet at hot wells to consist of 41726 and 58009 components  
18 gauge stainless steel cabinet base construction  
18 gauge stainless steel bottom and intermediate shelves where possible  
Where shown at the window opening the top shall turn down over a stainless steel tray slide. Tray slide shall cap low wall, extend thru the openings and shall extend approximately 1" beyond wall face. Top shall have a 2" straight turn down on front (customer side) then return to the wall. Ends to be closed  
6" high stainless steel legs with stainless steel adjustable feet

ITEM 45, SPARE NUMBER

ITEM 46, DROP-IN COLD PAN: ONE (1) REQUIRED

Manufacturer: Vollrath, ~~Hatco, Atlas Metal~~

Model: FC-4C-03120-N  
Cord and plug  
Perforated false bottom  
Rear drain valve extension

ITEM 47, DROP-IN HOT FOOD UNIT: ONE (1) REQUIRED

Manufacturer: Vollrath, ~~Hatco, Atlas Metal~~

Model: 3640701  
1000 wat elements  
Cord and plug  
Rear drain valve extension

Voltage: 208-60-1

ITEM 48, PROTECTOR GUARD UNIT: ONE (1) REQUIRED

Manufacturer: Premier, ~~BSI, Atlas Metal~~

Model: TM2R-A  
23" high post x lengths as shown on plan  
Post closet to tray slide only, to be anchored approximately 12" down into cabinet base for additional support  
3/8" tempered glass with radiused corners – front panels  
3/8" tempered glass with radiused corners – top shelf  
Brushed aluminum finish  
Concealed fasteners

ITEM 49, TRAY AND SILVER CART: ONE (1) REQUIRED

Size: Piper, ~~Lakeside, Cambro~~

Description: 715-1-8  
Rotating bumpers  
Nylon silver ware cylinders

ITEM 50, BEVERAGE TABLE: ONE (1) REQUIRED N.I.C.

The Beverage Table will be furnished and installed by the owner

ITEM 51, SPARE NUMBER

ITEM 52, TEA DISPENSERS: TWO (2) REQUIRED N.I.C.

The Tea Dispensers shall be furnished and installed by the Vendor.

ITEM 53, COFFEE DISPENSERS: TWO (2) REQUIRED N.I.C.

The Coffee Dispensers shall be furnished and installed by the Vendor.

# APPENDIX 1





### SEEML Asbestos Chain-of-Custody Form

102 Edinburgh Court, Greenville, SC. 29607

Ph: (864) 233-3770, Fax: (864) 233-6589

WWW.SEEML.COM

NVLAP Lab ID: 201031-0

SEEML Ref# <u>G-240903056</u>		Lab ID: <u>261-263</u>	
Company:	<u>St. John Environmental Consulting</u>	Date Sample:	<u>8-30-24</u>
Project Manager:	<u>Ian St. John</u>	Project Name:	<u>NATIONAL GUARD</u>
Address:	<u>5515 Grace Avenue</u>	Project Location:	<u>375 N. Commercial Av.</u>
City, State, Zip:	<u>St. Louis, MO, 63116</u>	Sampled By:	<u>HEATH SHY</u>
Phone:	<u>314-853-4668</u>	Project No:	
Email:	<u>ian@stjohnenv.com</u>		

PLM TAT: RUSH SAME DAY NEXT DAY 2DAY 3 DAY 4 DAY 5 DAY

<b>PLM-Bulk:</b> Positive Stop Yes <u>X</u> No _____ <input checked="" type="checkbox"/> PLM 600/R-93-116 (<1%) <input type="checkbox"/> PLM NOB (<1%) Gravimetric <b>Point Count</b> Positive Stop Yes _____ No _____ <input type="checkbox"/> 400 w/o Gravimetric (<0.25%) <input type="checkbox"/> 1000 w/o Gravimetric (0.1%) <input type="checkbox"/> 400 with Gravimetric (0.25%) <input type="checkbox"/> 1000 with Gravimetric (<0.1%)	<b>PCM-AIR</b> <input type="checkbox"/> NIOSH 7400 <b>SOIL/ROCK/VERMICULITE</b> <input type="checkbox"/> PLM CARB 435- Level A (400 Point Count <0.25%) <input type="checkbox"/> PLM CARB 435- Level B (1000 Point Count <0.1%) <input type="checkbox"/> Cincinnati Method EPA 600/R-04/004 by PLM
---	---

TEM: SAME DAY NEXT DAY 2DAY 3DAY 4DAY 5DAY \*TEM Analysis is subcontracted. TAT starts after PLM results have been submitted by SEEML, unless otherwise requested.

Sample ID	Description/Location	Analysis Type	Comments
<u>1-01</u>	<u>Roofing System</u>	<u>PLM</u>	
<u>1-02</u>	↓	↓	
<u>1-03</u>	↓	↓	

Relinquished by: John Beckas Time/Date: 8-30-24 Received by: KT Time/Date: 11AM 9-3-24



**Southeast Environmental Microbiology Laboratories - Asbestos Division**

102 Edinburgh Court Greenville, SC 29607  
 Phone: 864-233-3770, Fax: 864-233-6589 , www.seeml.com  
 NVLAP Lab ID:201031-0 Texas Lic: 300474

**PLM Asbestos Bulk Sample Summary**

Client: St. John Environmental Consulting 5515 Grace Ave St. Louis, MO, 63116 (314)853-4668/ian@stjohnenv.com		Date Sampled: 08/30/2024		
		Date Received: 09/03/2024		
		Date Analyzed: 09/03/2024		
		Date Reported: 09/03/2024		
		Date Revised:		
		Project Name: National Guard		
		Project No:		
Analyzed by: Kajal Pandya	Project Address: 375 N. Commercial Ave			
		City, State, ZIP: -		
Methodology: EPA – Appendix E to Subpart E of 40 CFR Part 763; Interim Method for the Determination of Asbestos in Bulk Insulation Samples.	SEEML Ref#:	G-240903056		
Lab No.:	% Asbestos Type	% Fibrous Non-Asbestos Material Type	% Non-Fibrous Material	Description/Location
Client No.:				
261A	None Detected	None Detected	100% Organic Matrix	(Tan) Foam/Roofing System
1-01				
261B	None Detected	95% Cellulose	5% Binder/Filler	(Brown) Fibrous Material/Roofing System
1-01				
261C	None Detected	None Detected	100% Organic Matrix	(Black) Organic Material/Roofing System
1-01				
262A	None Detected	None Detected	100% Organic Matrix	(Tan) Foam/Roofing System
1-02				
262B	None Detected	95% Cellulose	5% Binder/Filler	(Brown) Fibrous Material/Roofing System
1-02				
262C	None Detected	None Detected	100% Organic Matrix	(Black) Organic Material/Roofing System
1-02				
263A	None Detected	None Detected	100% Organic Matrix	(Tan) Foam/Roofing System
1-03				
263B	None Detected	95% Cellulose	5% Binder/Filler	(Brown) Fibrous Material/Roofing System
1-03				
263C	None Detected	None Detected	100% Organic Matrix	(Black) Organic Material/Roofing System
1-03				

**Approved By: Derrick Young**

Disclaimer:

The results in this report only apply to the samples as received.

NOB samples are tested as a preliminary analysis. We highly recommend for Negative NOB samples resulting in less than 1% Asbestos to be verified by TEM or Point Analysis.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. NAD means no asbestos fibers were detected. When detected the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

Guidelines for Interpretation:

Any opinions/interpretations expressed in this report are outside the scope of this laboratory's accreditation. Interpretation of the data and information within this document is left to the company, consultant, and/or persons who conducted the fieldwork. A material is considered regulated asbestos containing material (ACM) where the asbestos content is determined to be one percent or greater. Several organizations, including the American Conference of Government Industrial Hygienists (ACGIH); the American Industrial Hygiene Association (AIHA); the Indoor Air Quality Association (IAQA); the United States Environmental Protection Agency (USEPA); the Centers for Disease Control (CDC) as well as the California Department of Health Services (CADHS) have published guidelines for assessment and interpretation of analytical data indicating a tested material is ACM.



SEEML Reference Number:  
G-240903056  
Date Issued: 09/03/2024



**Southeast Environmental Microbiology Laboratories**

102 Edinburgh Court  
Greenville, SC 29607  
Phone: (864) 233-3770  
Fax: (864) 233-6589

**Asbestos Analytical Report By: Polarized Light Microscopy**

This report has been prepared for **St. John Environmental Consulting** the information and data has been checked for thoroughness and accuracy. The results reported apply only to the materials as received. The documents(s) contained herein are confidential and privileged information intended for the exclusive use of the individual or entity named above. This report shall not be reproduced except in full without SEEML's approval.

Client Project Name: National Guard

The Following report was prepared using this test method(s) contained within this document.

- PLM Bulk Asbestos Fiber Analysis: EPA – Appendix E to Subpart E of 40 CFR Part 763; Interim Method for the Determination of Asbestos in Bulk Insulation Samples
- PLM 400 Point Count (<0.25%) EPA 600/R-93/116
- PLM 1000 Point Count (<0.1%) EPA 600/R-93/116
- PLM Carb 435 Level A Reporting Limit (<0.25%)
- PLM Carb 435 Level B (Reporting limit <0.1%)
- PLM by EPA/600/R-93/116 with Milling Prep 400 Point Count
- PLM Vermiculite Initial Screening EPA 600R-93/116
- PLM Cinnati Method 600/R-04/004 (Amphibole Only)
- PLM Vermiculite Method SOF-V 198.8 (Step 1 Chrysotile & Prep)
- PLM Vermiculite Method SOF-V 198.8 (Step 2 (Amphibole))

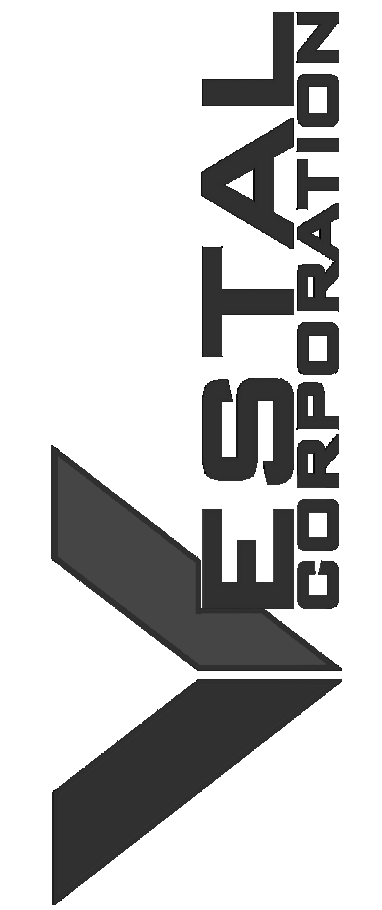
Approved By : *Derrick Young*

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GUARD

ST. CLAIR READINESS  
CENTER

375 COMMERCIAL AVE.  
ST. CLAIR, MO 63077

PROJECT # T2326-01  
SITE # 6304  
FACILITY # 8136304011

REV.	DESCRIPTION	DATE
A	SD	12/06/2023
B	DD	02/16/2024
C	IFB	04/23/2024
D	IFB	08/29/2024

ISSUE DATE: 2024.08.29

CAD DWG FILE: \_\_\_\_\_  
DRAWN BY: EE  
CHECKED BY: BH  
DESIGNED BY: JB

SHEET TITLE:  
**FLOOR DEMO PLAN**

SHEET NUMBER:

**D101**

9 OF 85 SHEETS  
2024.08.29

**DEMOLITION / NEW CONSTRUCTION LEGEND**

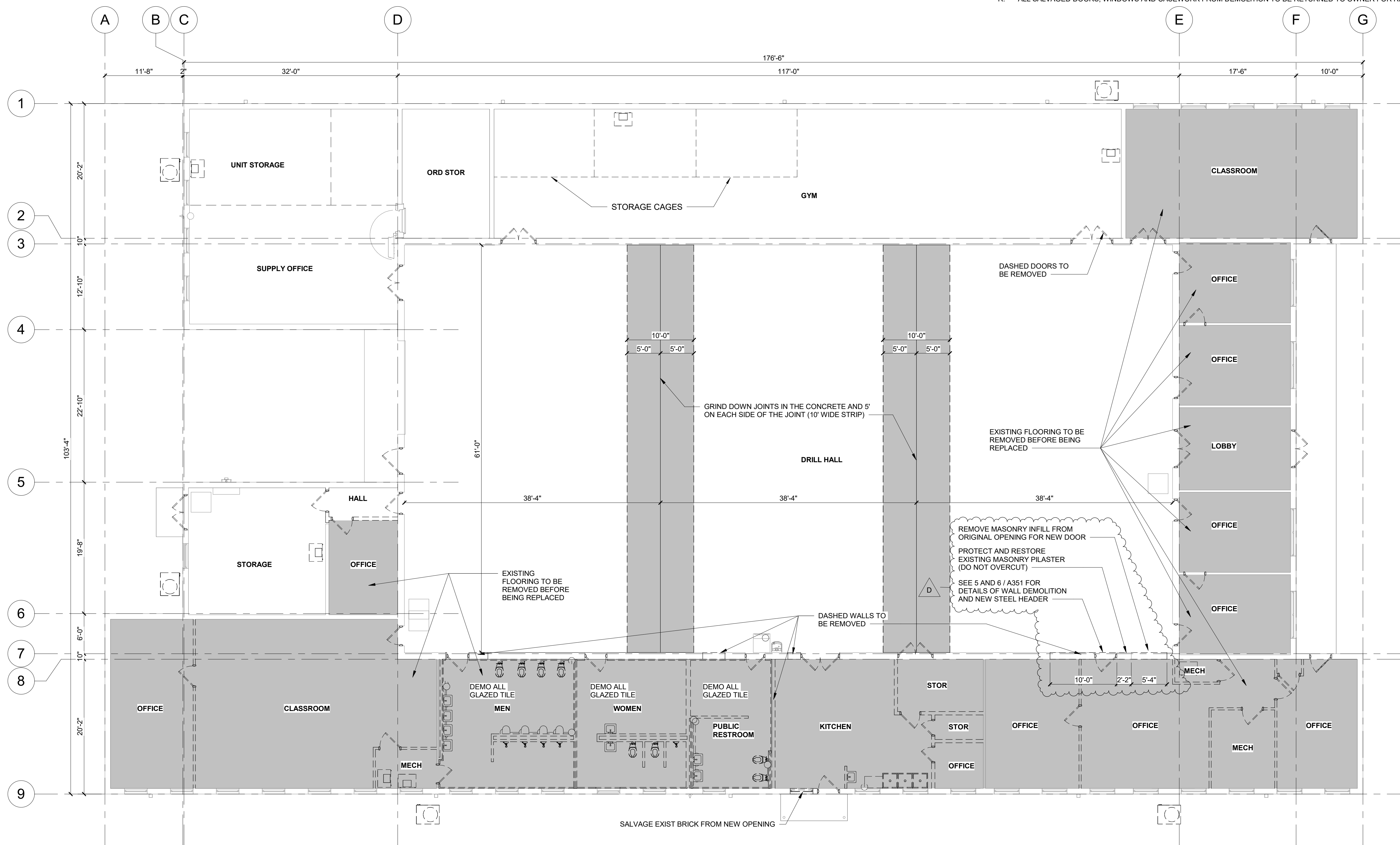
- EXISTING CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED
- NEW CONSTRUCTION
- EXISTING FLOOR TO BE DEMOLISHED

**NOTE:** NOT ALL TYPES USED

THE GENERAL CONTRACTOR IS RESPONSIBLE FOR HIRING AN ABATEMENT CONTRACTOR TO IDENTIFY THE PROCESS AND WORK IN THE ASBESTOS. AIR MONITORING IS NEEDED BEFORE, DURING, AND AFTER THE ABATEMENT WORK. THE GENERAL CONTRACTOR NEEDS TO DO HAZARDOUS MATERIAL TESTING TO VERIFY THAT ALL ASBESTOS HAS BEEN CLEANED.

**GENERAL DEMOLITION NOTES**



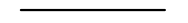

- A. LIGHT GRAY WALLS INDICATE EXISTING CONSTRUCTION TO REMAIN.
- B. DASHED LINES INDICATE EXISTING CONSTRUCTION TO BE REMOVED.
- C. REFER TO ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND CIVIL DRAWINGS TO DETERMINE EXACT EXTENT OF DEMOLITION REQUIRED TO COORDINATE WITH NEW CONSTRUCTION.
- D. ALL DEMOLITION AND COORDINATE SUCH WORK WITH NEW CONSTRUCTION. ARCHITECT SHALL BE NOTIFIED IMMEDIATELY IF ANY DISCREPANCIES ARISE. CONTRACTOR TO PROTECT AND SHORE ADJACENT AREAS THAT ARE TO REMAIN INTACT DURING DEMOLITION AND ENSURE MAINTENANCE OF EXISTING STRUCTURAL INTEGRITY.
- F. ALL STRUCTURAL COLUMNS, BEAMS, ETC. SHALL BE PROTECTED AGAINST DAMAGE DURING DEMOLITION.
- G. DEMOLITION WORK INCLUDES DISCONNECTIONS, CAPPING AND/OR REMOVAL OF ALL ELECTRICAL, PLUMBING AND HVAC LINES AND/OR EQUIPMENT WHICH IS FOUND WITHIN OR ADJACENT TO SPECIFIC ITEMS NOTED TO BE DEMOLISHED. CONFIRM ANY DISCREPANCIES WITH ARCHITECT IN WRITING. SEE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS.
- H. WHERE DEMOLITION INVOLVES ABANDONMENT OF EXISTING MECHANICAL, ELECTRICAL AND PLUMBING SERVICE. COORDINATE WITH MECHANICAL, ELECTRICAL AND PLUMBING CONTRACTORS.
- I. CONTRACTOR TO COORDINATE WITH THE OWNER THE DISCONNECTION OR INTERRUPTION OF ANY MECHANICAL, PLUMBING, ELECTRICAL, DATA OR COMMUNICATION SERVICES PRIOR TO DEMOLITION. CONTRACTOR TO COORDINATE WITH THE OWNER THE NEED FOR AND LOCATION OF TEMPORARY SERVICES.
- J. PATCH WALL FINISHES TO MATCH EXISTING AT ANY DEMOLISHED MECHANICAL, ELECTRICAL AND/OR PLUMBING EQUIPMENT. RETURN AIR SUPPLY / RETURN GRILLS, ELECTRICAL OUTLETS, RECEPTACLES, ETC. TO OWNER.
- K. ALL ITEMS NOTED TO BE REMOVED ARE TO BE INSPECTED PRIOR TO DEMOLITION TO DETERMINE IF MECHANICAL, ELECTRICAL OR PLUMBING IS AFFECTED. IF SO, THE DEMOLITION CONTRACTOR IS TO CONTACT THE RESPECTIVE MECHANICAL, ELECTRICAL OR PLUMBING CONTRACTOR TO HAVE THEIR WORK REMOVED, DISCONNECTED OR CAPPED, SO THAT DEMOLITION CAN PROCEED WITHOUT INTERRUPTION.
- L. WHERE NEW CONSTRUCTION WILL ADJOIN EXISTING, REMOVE ALL MISCELLANEOUS ACCESSORIES AS NECESSARY. LEAVE CLEAN SAWCUT EDGES OR EQUIVALENT.
- M. WHERE DEMOLITION EXPOSES REMAINING INTERIORS TO WEATHER, COORDINATE WITH NEW CONSTRUCTION R PROVIDE TEMPORARY WEATHER ENCLOSURE.
- N. WHERE DEMOLITION CREATES GAPS IN EXISTING FINISHES TO REMAIN, PATCH TO MATCH EXISTING / ADJACENT SURFACES. WHERE PATCHING INVOLVES FIRE RATED ASSEMBLIES, PATCH SHALL MAINTAIN FIRE RATING.
- O. ALL EXISTING SURFACES TO REMAIN, INCLUDING THOSE DAMAGED UNDER DEMOLITION, SHALL BE EXTENDED, REPAIRED OR REFINISHED AS REQUIRED TO ACCOMMODATE NEW CEILING, FLOOR OR WALL LAYOUTS. REPAIR LL DAMAGED ITEMS TO REMAIN TO MATCH EXISTING OR NEW FINISH.
- P. ALL EXISTING SURFACES TO REMAIN WHICH ARE AFFECTED BY THE DEMOLITION PROCESS ARE TO BE PATCHED OR CLEANED TO PROVIDE A SMOOTH, LEVEL FINISH SURFACE, READY TO RECEIVE NEW SCHEDULED FINISH.
- Q. EXISTING CONDITIONS WHICH ARE DISCOVERED DURING DEMOLITION THAT WILL INTERFERE WITH THE FINAL FLOOR PLAN ARE TO BE REPORTED TO THE ARCHITECT IMMEDIATELY.
- R. ALL SALVAGED DOORS, WINDOWS AND CASEWORK FROM DEMOLITION TO BE RETURNED TO OWNER FOR RIGHT OF FIRST REFUSAL.



Plan North True North  
**1** DEMOLITION FLOOR PLAN  
1/8" = 1'-0"



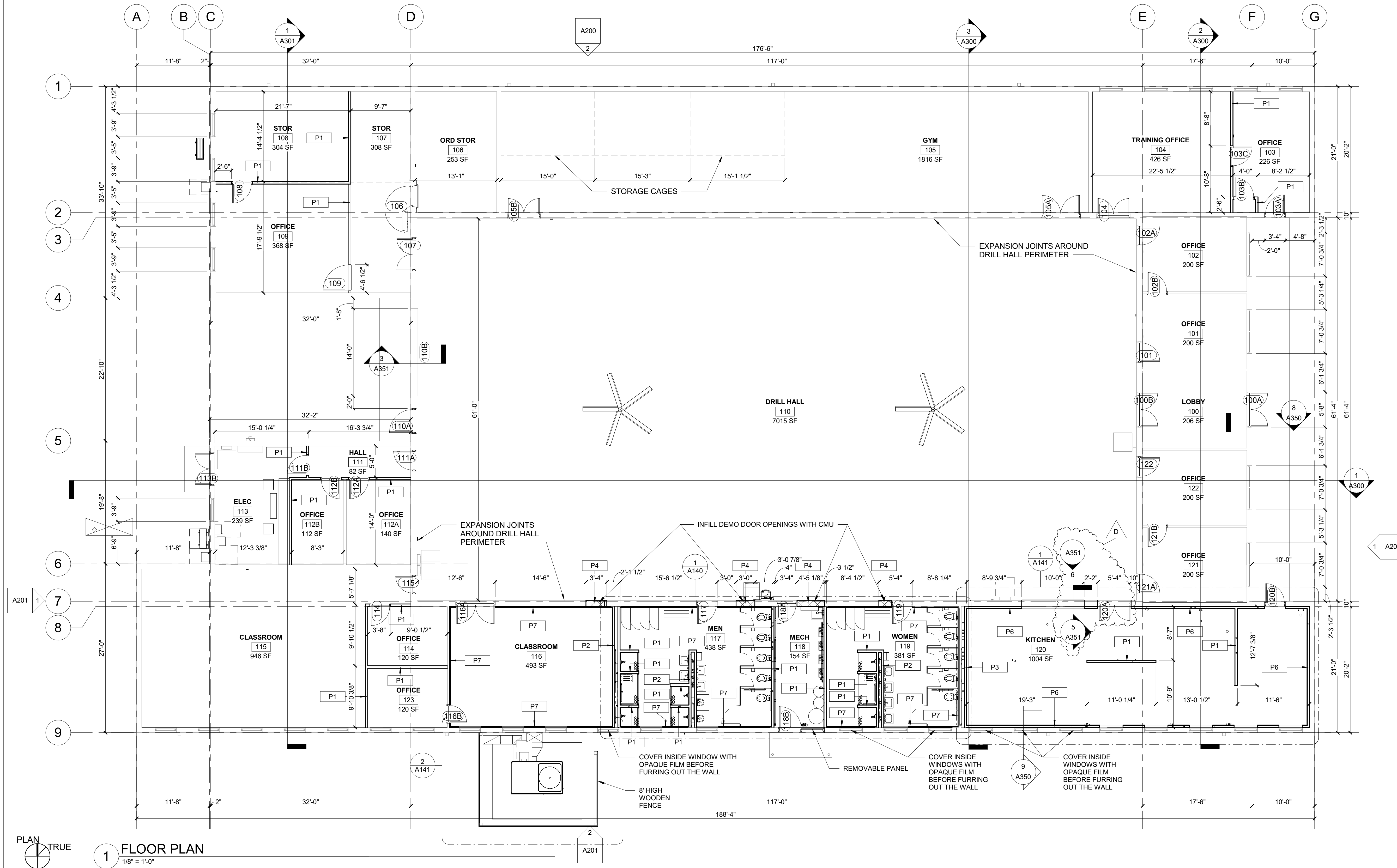
**DEMOLITION / NEW CONSTRUCTION LEGEND**

-  EXISTING CONSTRUCTION TO REMAIN
-  EXISTING CONSTRUCTION TO BE REMOVED
-  NEW CONSTRUCTION
-  EXISTING FLOOR TO BE DEMOLISHED

**NOTE:** NOT ALL TYPES USED

**GENERAL FLOOR PLAN NOTES:**

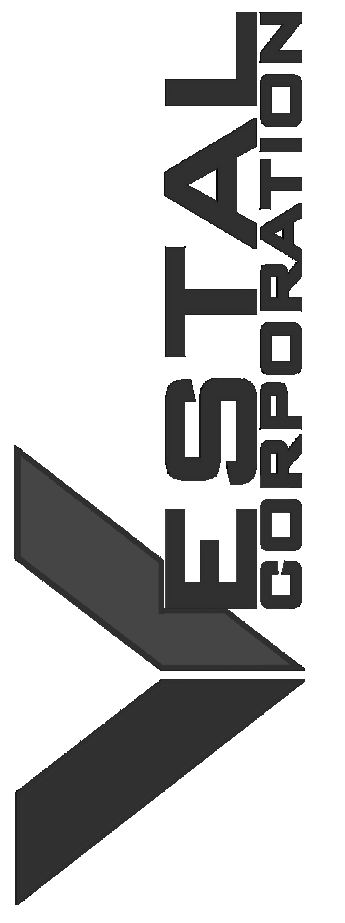
- A. DO NOT SCALE DRAWINGS - USE DIMENSIONS AND NOTES ONLY.
- B. FIELD VERIFY ANY EXISTING CONSTRUCTION, CONFIGURATION AND DIMENSIONS.
- C. CONTRACTOR TO CONFIRM ALL DIMENSIONS AGAINST ACTUAL SITE CONDITIONS. ANY CONFLICT OR DISCREPANCIES IN DIMENSIONS OR ELEVATIONS SHALL BE RESOLVED WITH THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK OR PROCUREMENT OF MATERIALS.
- D. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR DISTRIBUTION OF COMPLETE SETS OF CONTRACT DOCUMENTS (DRAWINGS & SPECIFICATIONS) TO ALL TRADES. EACH TRADE SHALL REVIEW ALL CONTRACT DOCUMENTS SO AS TO BE AWARE OF ALL ITEMS OF WORK AFFECTING THEIR RESPECTIVE TRADE. NO CLAIMS FOR "EXTRAS" WILL BE HONORED DUE TO FAILURE TO REVIEW COMPLETE SET OF DOCUMENTS.
- E. EGRESS DOORS SHALL NOT LOCK AGAINST THE DIRECTION OF EGRESS TRAVEL.
- F. ALL NEW WOOD FRAMING, SHEATHING, BLOCKING, ETC., SHALL BE FIRE RETARDANT TREATED. PROVIDE FIRE RETARDANT TREATED WOOD BLOCKING AT WALL AND CEILING FRAMING FOR ANCHORAGE OF ELEMENTS TO BE FASTENED OVER FINISHED SURFACES INCLUDING, BUT NOT LIMITED TO: WALL BUMPERS, HANDRAILS, GRAB BARS, WOOD TRIM, TOILET ACCESSORIES, AND WALL MOUNTED EQUIPMENT.
- G. INTERIOR DIMENSIONS ARE GIVEN TO THE FINISHED FACE OF WALL CONSTRUCTION, UNLESS NOTED OTHERWISE.
- H. PROVIDE CONTROL JOINTS IN GYPSUM BOARD AT SPACING NOT EXCEEDING 30'-0" O.C. AT LONG STRAIGHT RUNS OF WALL OR SOFFIT. IN FIRE RATED PARTITIONS, PROVIDE FIRE RATED CONTROL JOINTS. DO NOT ALLOW BRACING TO SPAN ACROSS CONTROL JOINTS. CONTROL JOINTS SHALL CONSIST OF DOUBLE STUDS OR DOUBLE FURRING CHANNELS AS PROVIDED BY CONTRACTOR.
- I. GENERAL CONTRACTOR MUST KEEP THE APPROVED SET OF BID DOCUMENTS ON SITE AT ALL TIMES.
- J. REFER TO PLAN FOR FIRE EXTINGUISHER CABINET (FEC) LOCATIONS. SEMI-RECESSED FIRE EXTINGUISHER CABINET AS NOTED IN SPECIFICATIONS.
- K. REPAIR EXISTING SURFACES TO REMAIN AS NEEDED DUE TO THE DEMOLITION OR THE REMOVAL OF CONSTRUCTION. REFER TO DEMOLITION PACKAGE.
- L. REPAIR HOLES IN EXISTING PARTITIONS TO REMAIN WHERE PARTITION MOUNTED ITEMS HAVE BEEN REMOVED.
- M. PATCH AND REPAIR ALL EXISTING DOOR FRAMES AS NEEDED.
- N. REFERENCE FINISH SHEET FOR FINISH INFORMATION.



**FLOOR PLAN**  
1/8" = 1'-0"



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CAD DWG FILE:  
DRAWN BY: EE  
CHECKED BY: BH  
DESIGNED BY: JB

SHEET TITLE:  
**FLOOR PLAN**

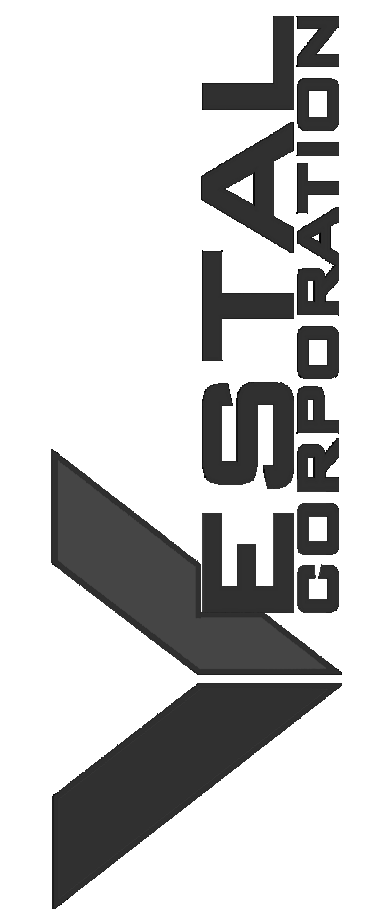
SHEET NUMBER:

**A100**

12 OF 85 SHEETS  
2024.08.29



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CAD DWG FILE:  
DRAWN BY: EE  
CHECKED BY: BH  
DESIGNED BY: JB

SHEET TITLE:

REFLECTED CEILING  
PLAN

SHEET NUMBER:

**A120**

14 OF 85 SHEETS  
2024.08.29

SYMBOL LEGEND

- ACOUSTICAL CEILING (RE: MATERIAL & FINISH SCHEDULE)
- EXPOSED (RE: SPEC & FINISH SCHEDULE)
- GYPSUM BOARD SOFFIT/CEILING (PAINT)
- WOOD CEILING (RE: SPEC & FINISH SCHEDULE)
- METAL PANEL SOFFIT/CEILING (RE: SPEC & FINISH SCHEDULE)
- HVAC DIFFUSER/RETURN AIR GRILLE (RE: MECH)
- LIGHT FIXTURE (RE: ELEC)
- LIGHT FIXTURE (RE: ELEC)
- LIGHT FIXTURE (RE: ELEC)

GENERAL CEILING NOTES:

- A. ALL ACT HEIGHTS ARE TO FACE OF TILE UNLESS NOTED OTHERWISE.
- B. SHADED PORTIONS ARE TO RECEIVE SOUND BATT INSULATION (INCLUDING FULL HEIGHT OF PARTITIONS ABOVE WINDOW AND DOOR HEADS).
- C. COORDINATE ALL LIGHTING FIXTURE LOCATIONS WITH ELECTRICAL DRAWINGS - REPORT ANY DISCREPANCIES TO ARCHITECT PRIOR TO CONSTRUCTION.
- D. ALL EXPOSED METAL DECK, STEEL BAR JOISTS, BEAMS, ANGLES, CONDUITS, JUNCTION BOXES, DUCTWORK, ETC. ARE TO BE PAINTED.
- E. ALL HVAC ROUTING IS TO BE COORDINATED WITH ARCHITECT.

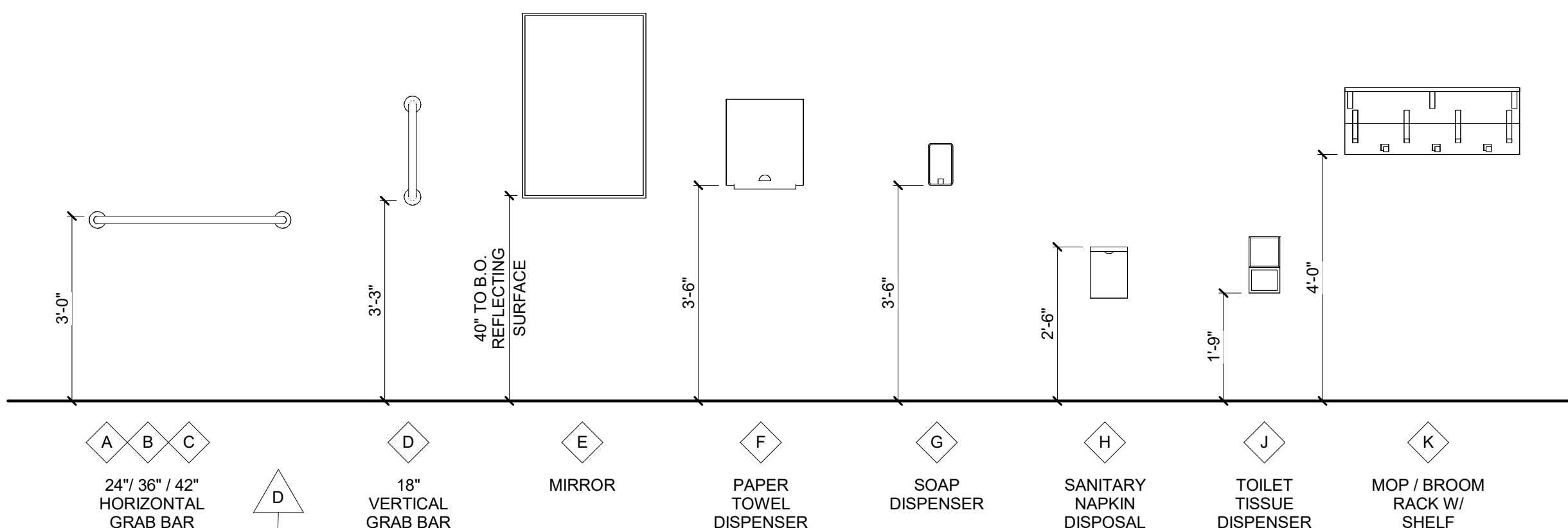


1 FIRST FLOOR REFLECTED CEILING PLAN  
1/8" = 1'-0"

**RESTROOM ACCESSORIES SCHEDULE NOTES**

- G.C. RESPONSIBLE FOR PROVIDING ALL WOOD BLOCKING AS REQUIRED FOR PROPERLY INSTALLING ALL ACCESSORIES (INCLUDING OWNER PROVIDED ITEMS)
- ALL ACCESSORIES SHALL BE INSTALLED PER A.D.A. REQUIREMENTS
- MODEL NUMBERS SHOWN FOR DESIGN INTENT. REFERENCE SPECIFICATIONS FOR ADDITIONAL APPROVED EQUALS

**RESTROOM ACCESSORIES**

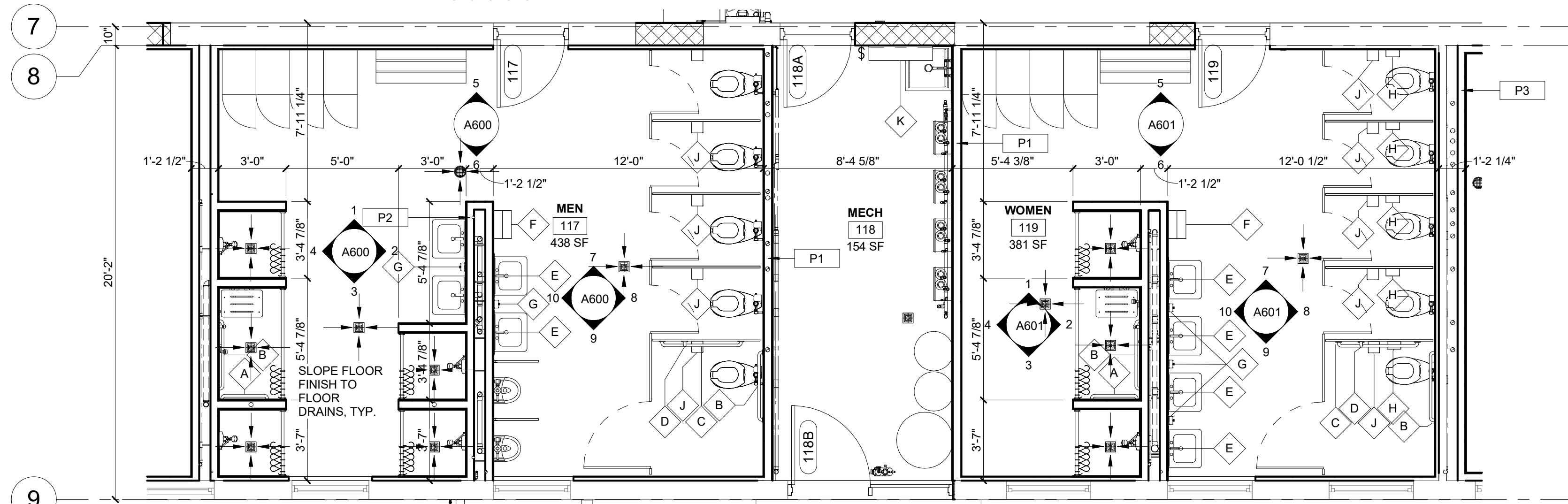


**RESTROOM ACCESSORIES SCHEDULE**

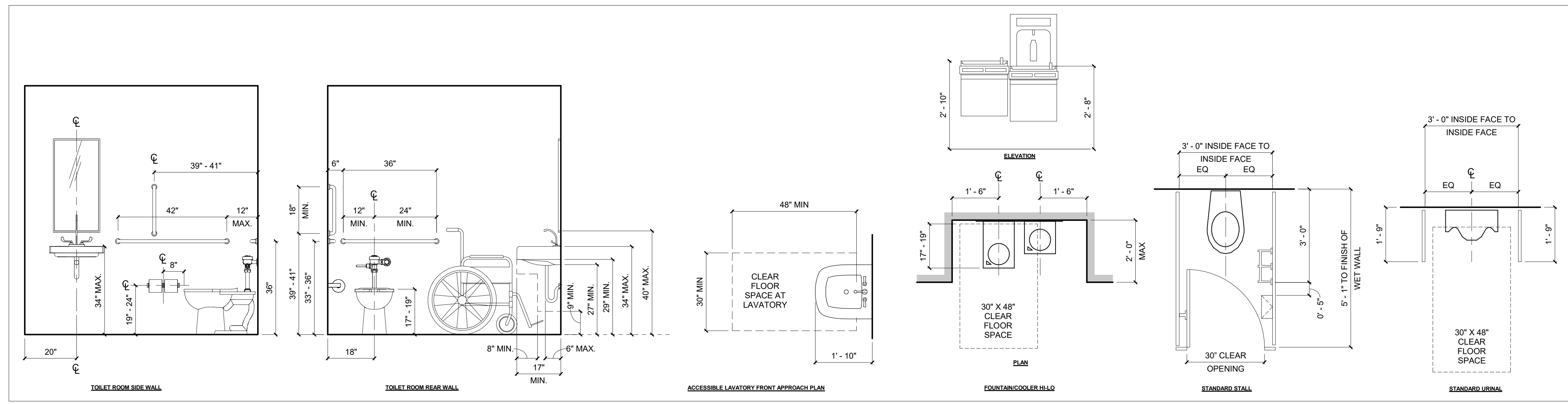
DESCRIPTION	MARK	Count	BY	MOUNTING HEIGHT	WIDTH	HEIGHT	DEPTH	MANUFACTURER	MODEL	COMMENTS
24" GRAB BAR	A	2	CF/CI	3'-0"				BOBRICK	B-5806 x 24	
36" GRAB BAR	B	4	CF/CI	3'-0"				BOBRICK	B-5806 x 36	
42" GRAB BAR	C	2	CF/CI	3'-0"				BOBRICK	B-5806 x 42	
18" GRAB BAR	D	2	CF/CI	3'-3"				BOBRICK	B-5806 x 18	
24"x36" MIRROR	E	8	CF/CI	3'-3"	24"	36"	3/4"	BOBRICK	B-290 2436	
PAPER TOWEL DISPENSER	F	2	OF/CI	3'-6"	12 5/8"	15 1/2"	9 1/16"	BOBRICK	B-2974	
SOAP DISPENSER	G	5	OF/CI	3'-6"	4 3/4"	8 1/8"	3 1/2"	BOBRICK	B-2111	
SANITARY NAPKIN DISPOSAL	H	5	CF/CI	2'-6"	7 1/2"	10"	3 13/16"	BOBRICK	B-270	
TOILET TISSUE DISPENSER	J	10	CF/CI	1'-9"	6 1/16"	11"	5 15/16"	BOBRICK	B-4288	
MOP / BROOM RACK WITH SHELF	K	1	CF/CI	4'-0"	34"	13"	-	BOBRICK	B-239 x 34	
SHOWER ROD	L	8	CF/CI	6'-6"				BOBRICK	B207 x 36	
Solid Phenolic Folding Shower / Dressing Area Seat	M	2	CF/CI		22"		15 13/16"	BOBRICK	B-5192	

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- REFERENCE FINISH SHEET FOR FINISH INFORMATION.



**1 RESTROOM PLAN**  
1/4" = 1'-0"



**2 TYP. TOILET ROOM DIMENSIONS W/ MULTI-STALL**  
1/2" = 1'-0"

STATE OF MISSOURI  
MICHAEL L. PARSON,  
GOVERNOR



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CAD DWG FILE:  
DRAWN BY: EE  
CHECKED BY: BH  
DESIGNED BY: JB

SHEET TITLE:  
**ENLARGED PLANS**

SHEET NUMBER:

**A140**

15 OF 85 SHEETS  
2024.08.29

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SHEET TITLE:  
**ENLARGED PLANS**

SHEET NUMBER:

**A141**

16 OF 85 SHEETS  
2024.08.29

EQUIPMENT SCHEDULE			
ITEM NO.	QUANTITY	DESCRIPTION	REMARKS
1	1	MOP SINK	BY PLUMBER
2	1	MOP RACK	BY G.C.
3	1	WALL SHELF	BY G.C.
4	1 LOT	STORAGE SHELVING	
5	1	FREEZER	THREE SECTION WITH FULL HEIGHT DOORS
6	1	REFRIGERATOR	TWO SECTION WITH FULL HEIGHT DOORS
7	1	CAN RACK	
8	3	HAND SINKS	WITH SIDE SPLASHES
9	1	THREE COMPARTMENT SINK/ CLEAN DISH TABLE	
10	1	DOUBLE OVER SHELF	
11	1	DISH MACHINE	UL LISTED FOR VENTLESS OPERATION
12	1	SOILED DISH TABLE	
13	1	RACK SHELF	
14	3	SOILED DISH TRANSPORT CART	
15	2	POT AND PAN RACKS	
16	1	PREP TABLE	
17	1	WALL SHELF	
18	1	MIXER	20 QT
19	1	PORTABLE MIXER STAND	
20	0	SPARE NUMBER	
21	0	SPARE NUMBER	
22	1	SLICER	
23	0	SPARE NUMBER	
24	2	WORK TABLES	
25	1	CAN OPENER	
26	1	WALL SHELF	
27	1	COMBI OVEN	SINGLE DECK
28	1	BRAISING PAN	30 GALLON
29	1	TRENCH DRAIN	
30	1	RANGE	6 BURNER WITH CONVECTION OVEN BASE
31	1	STAINLESS STEEL WALL PANELING	
32	1	HOOD WITH FIRE PROTECTION SYSTEM	
33	1	DUCT AND FAN	BY HVAC
34	2	RACK	
35	1	ICE MACHINE	
36	1	BEVERAGE COUNTER	
37	1	DROP IN DUMP SINK	
38	1	COFFEE MAKER	BY VENDOR
39	1	TEA BREWER	BY VENDOR
40	1	PASS THRU REFRIGERATOR	SINGLE SECTION WITH HALF HEIGHT DOORS
41	1	WORK TABLE WITH SINK	
42	1	HANGING UTENSIL RACK	
43	1	HOT HOLDING CABINET	FULL HEIGHT - PASS THRU UNIT
44	1	SERVING COUNTER	
45	0	SPARE NUMBER	
46	1	DROP IN COLD PAN	3 PAN UNIT
47	1	DROP IN HOT FOOD UNIT	4 PAN UNIT
48	1	PROTECTOR GUARD	
49	1	TRAY AND SILVER CART	
50	1	BEVERAGE COUNTER	
51	0	SPARE NUMBER	
52	2	TEA DISPENSERS	BY VENDOR
53	2	COFFEE DISPENSERS	BY VENDOR

INDICATES REVISION TO THE DRAWINGS

LOWER ROOF BEARING  
110'-0 1/2"

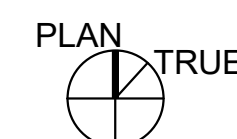
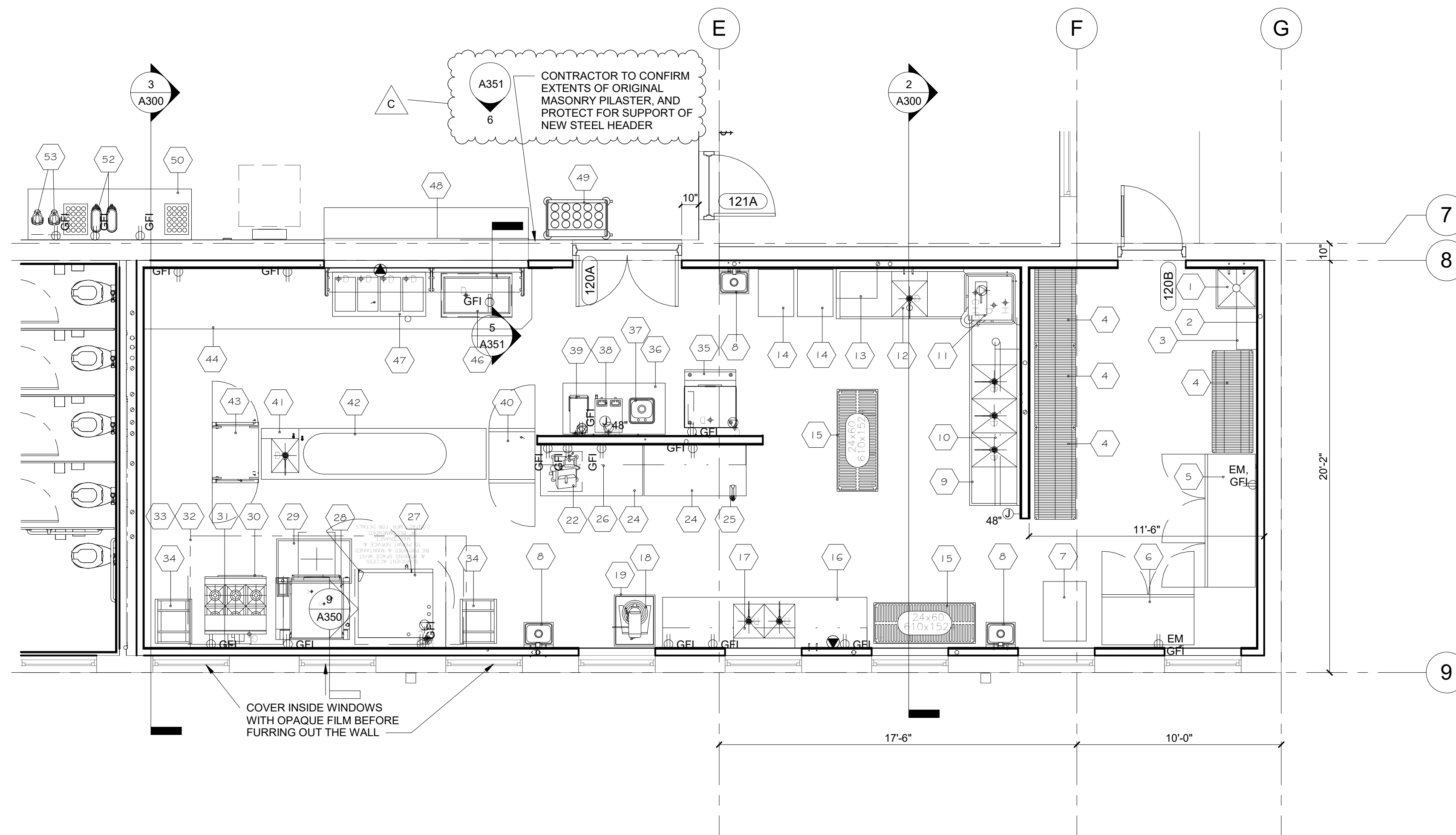
1 1/2"

2X8s, TYP.

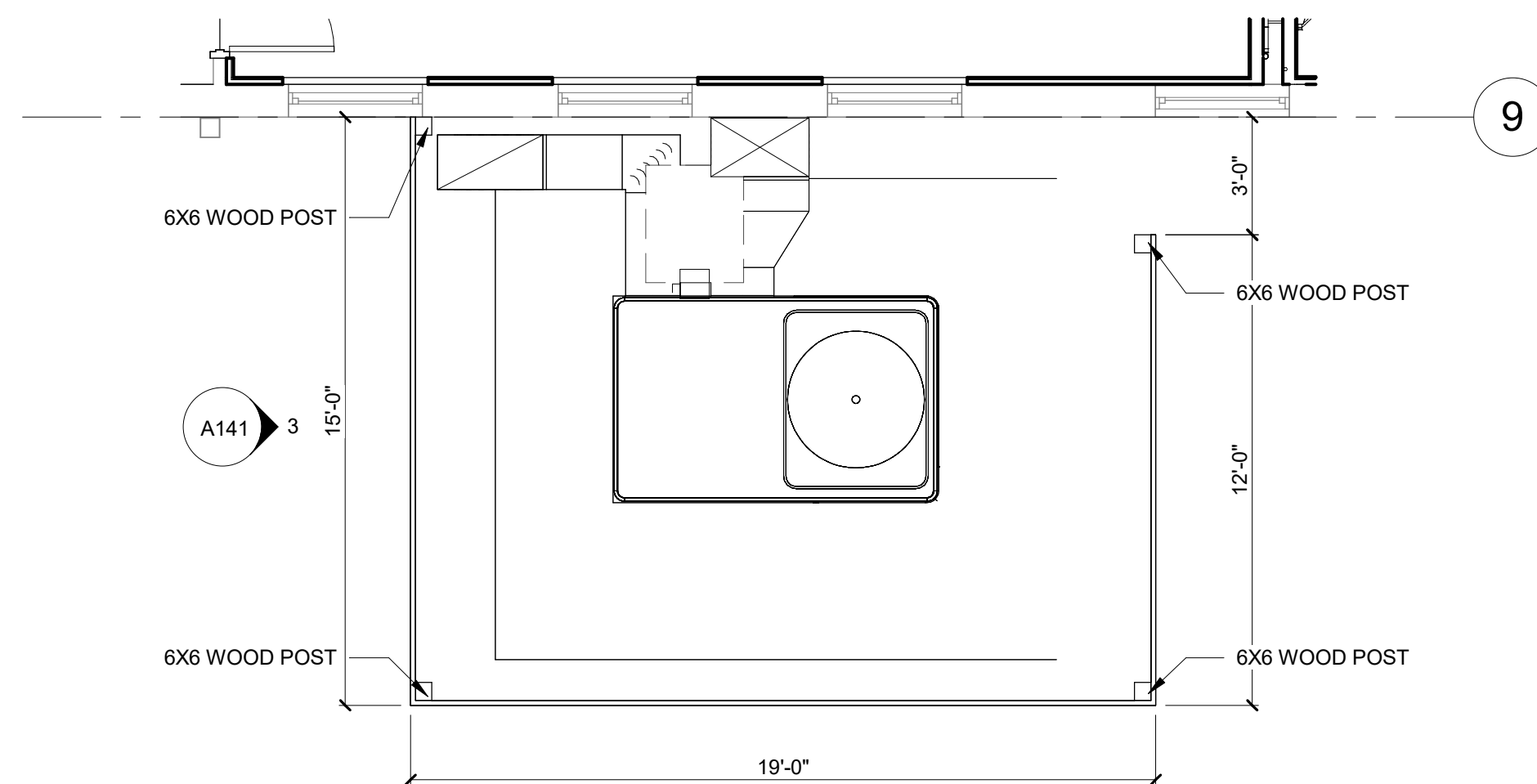
11'-0"

FLOOR LEVEL  
100'-0"

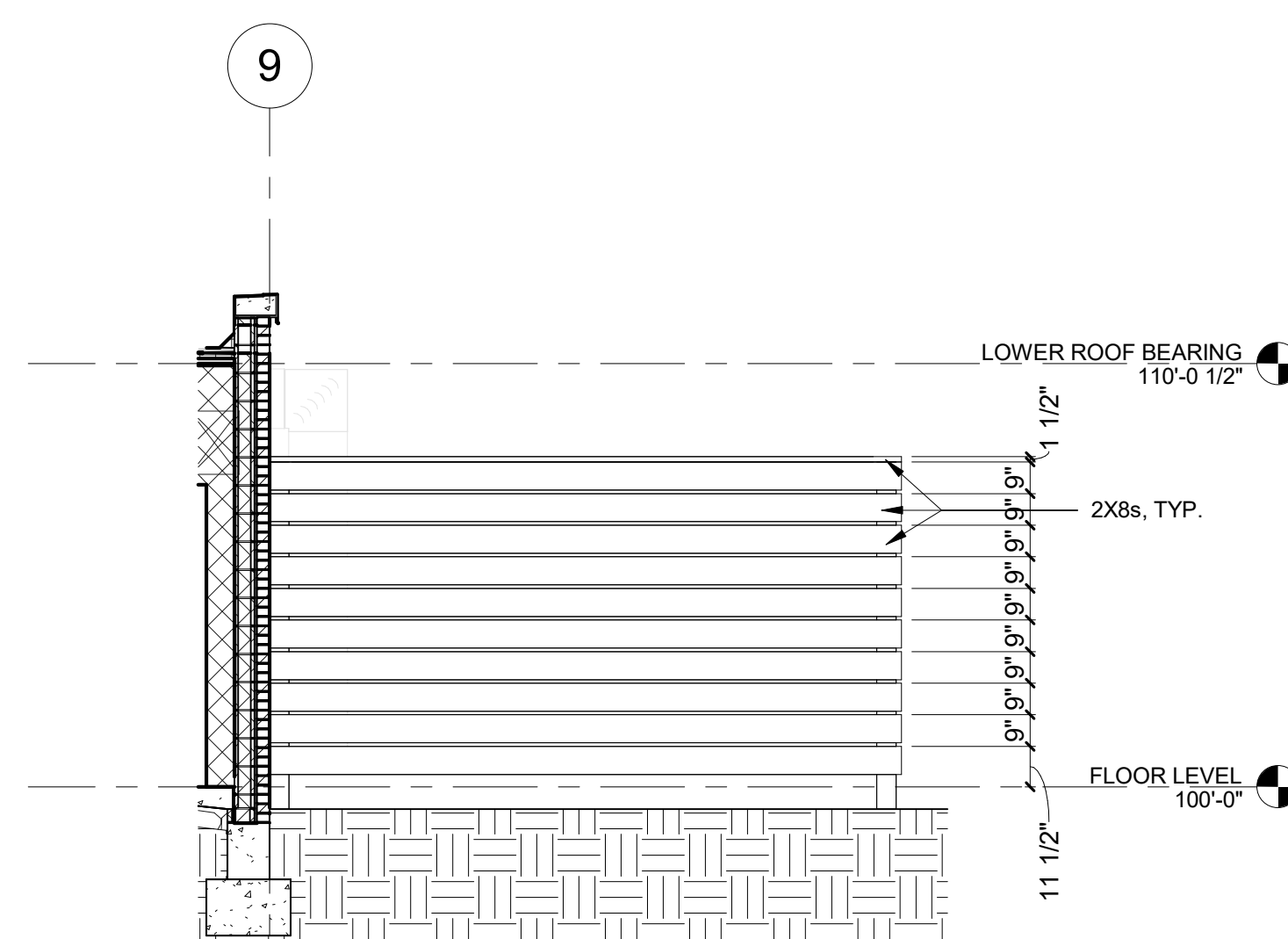
11'-0"



**1 ENLARGED KITCHEN PLAN**  
1/4" = 1'-0"



**2 ENLARGED FENCE PLAN**  
1/4" = 1'-0"

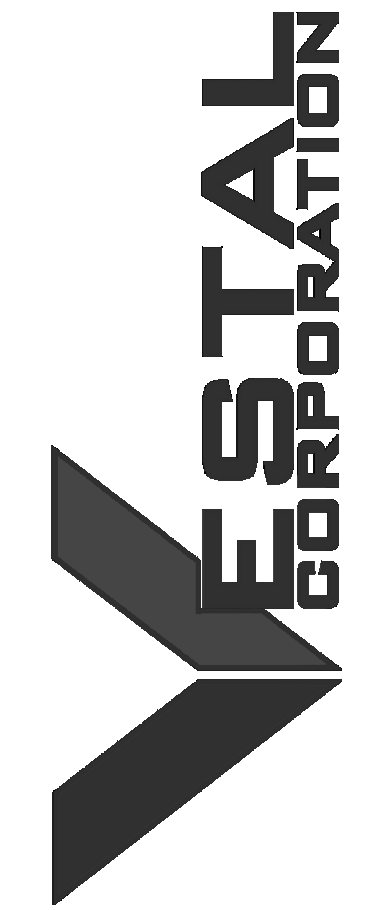


**3 FENCE ELEVATION**  
1/4" = 1'-0"





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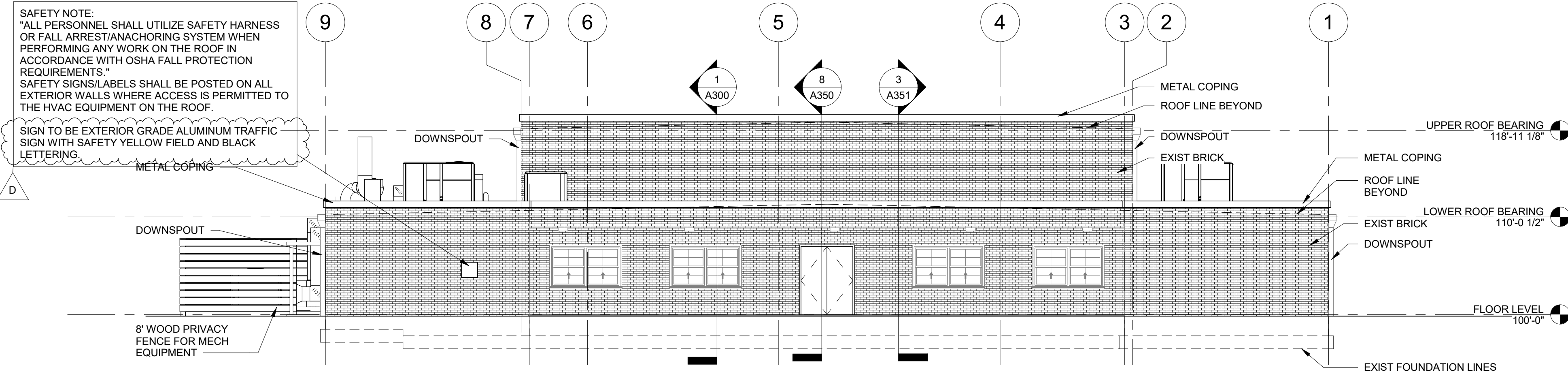
PROJECT # T2326-01  
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GENERAL EXTERIOR ELEVATION NOTES

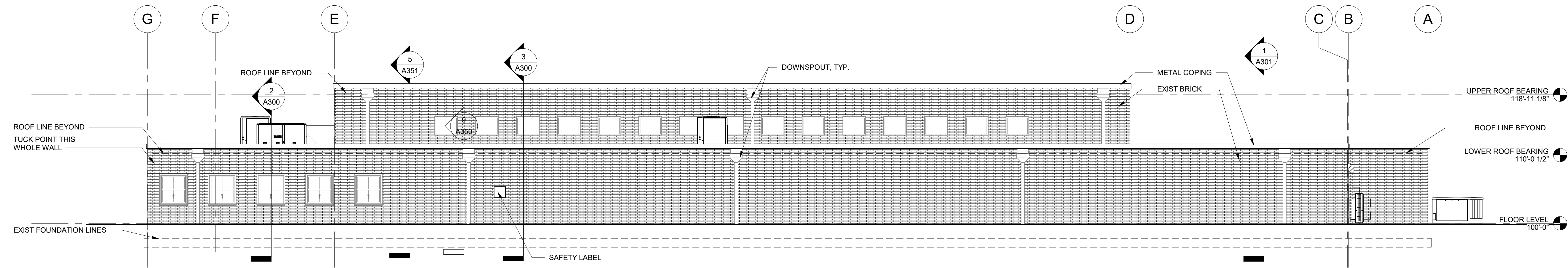
- A. COORDINATE ALL GRADES WITH CIVIL DRAWINGS. NO CONCRETE FOUNDATIONS ARE TO BE VISIBLE ABOVE FINISH GRADE. ONLY FINISH MATERIALS. G.C. TO FIELD VERIFY ALL GRADES AT BUILDING AND BRICK SHELF ELEVATION.
- B. FOR DOOR SCHEDULE AND FRAME ELEVATIONS, REFER TO A700 SERIES SHEETS.

- CONC1 - CAST-IN-PLACE CONCRETE 1**  
INTEGRAL COLORED CAST-IN-PLACE CONCRETE
- MV1 - MASONRY VENEER 1**  
RUNNING BOND, 4"x2-2/3"x8" (NOMINAL) BRICK VENEER (RE: SPEC)
- MP1 - METAL PANEL 1**  
COMPOSITE PANEL, RAINSCREEN SYSTEM (RE: SPEC)
- GL1 - GLAZING 1**  
GLAZING UNIT (RE: FRAME ELEVATIONS AND SPEC)
- GL2 - GLAZING 2**  
SPANDREL GLAZING UNIT (RE: FRAME ELEVATIONS AND SPEC)

**SAFETY NOTE:**  
"ALL PERSONNEL SHALL UTILIZE SAFETY HARNESS OR FALL ARREST/ANCHORING SYSTEM WHEN PERFORMING ANY WORK ON THE ROOF IN ACCORDANCE WITH OSHA FALL PROTECTION REQUIREMENTS."  
SAFETY SIGNS/LABELS SHALL BE POSTED ON ALL EXTERIOR WALLS WHERE ACCESS IS PERMITTED TO THE HVAC EQUIPMENT ON THE ROOF.  
SIGN TO BE EXTERIOR GRADE ALUMINUM TRAFFIC SIGN WITH SAFETY YELLOW FIELD AND BLACK LETTERING.



1 EAST ELEVATION  
1/8" = 1'-0"



2 NORTH ELEVATION  
1/8" = 1'-0"

REV.	DESCRIPTION	DATE
A	SD	12/06/2023
B	DD	02/16/2024
C	IFB	04/23/2024
D	IFB	08/29/2024

ISSUE DATE: 2024.08.29

CAD DWG FILE: \_\_\_\_\_  
DRAWN BY: EE  
CHECKED BY: BH  
DESIGNED BY: JB

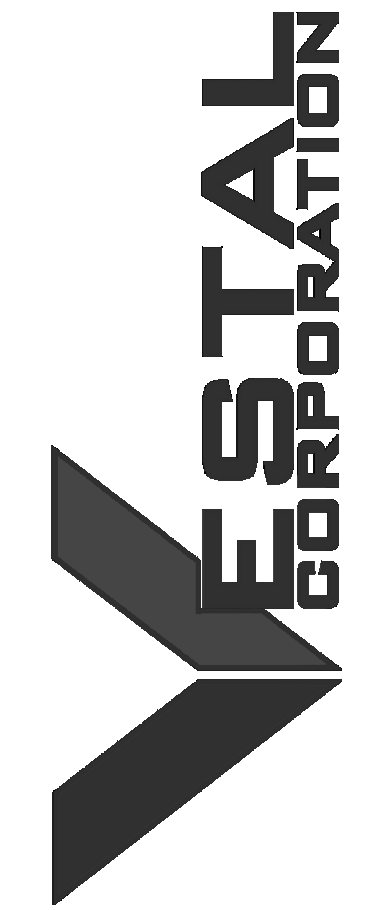
SHEET TITLE:  
**EXTERIOR  
ELEVATIONS**

SHEET NUMBER:  
**A200**  
17 OF 85 SHEETS  
2024.08.29





PROFESSIONAL SEAL



OFFICE OF ADMINISTRATION  
DIVISION OF FACILITIES  
MANAGEMENT, DESIGN AND  
CONSTRUCTION  
DEPARTMENT OF  
MISSOURI NATIONAL  
GUARD

ST. CLAIR READINESS  
CENTER

375 COMMERCIAL AVE.  
ST. CLAIR, MO 63077

PROJECT # T2326-01  
SITE # 6304  
FACILITY # 8136304011

REV.	DESCRIPTION	DATE
A	SD	12/06/2023
B	DD	02/16/2024
C	IFB	04/23/2024
D	IFB	08/29/2024

ISSUE DATE: 2024.08.29

CAD DWG FILE: \_\_\_\_\_  
DRAWN BY: EE \_\_\_\_\_  
CHECKED BY: BH \_\_\_\_\_  
DESIGNED BY: JB \_\_\_\_\_

SHEET TITLE:  
**EXTERIOR  
ELEVATIONS**

SHEET NUMBER:

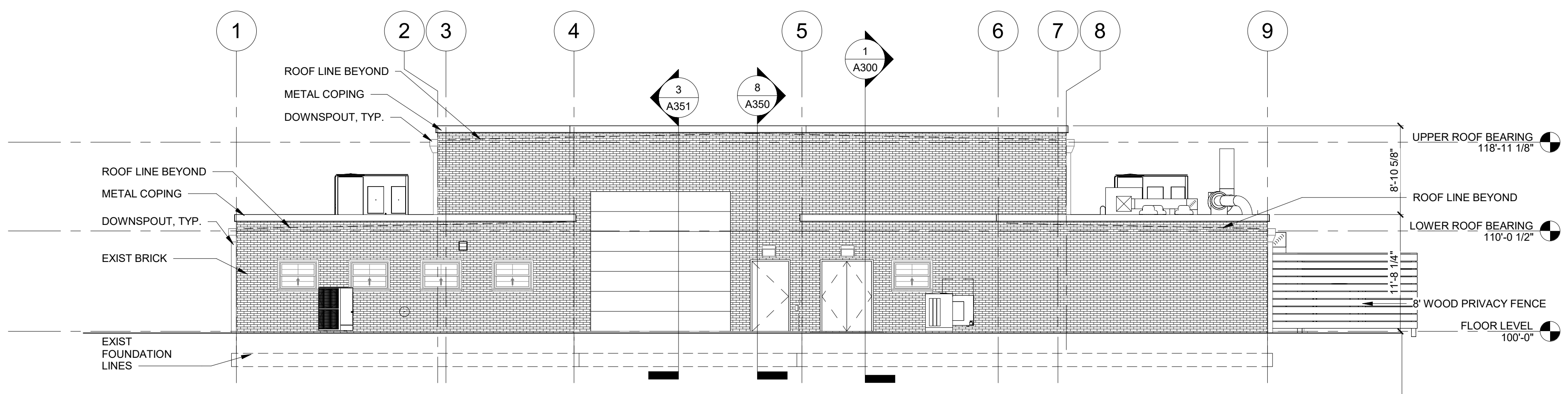
**A201**

18 OF 85 SHEETS  
2024.08.29

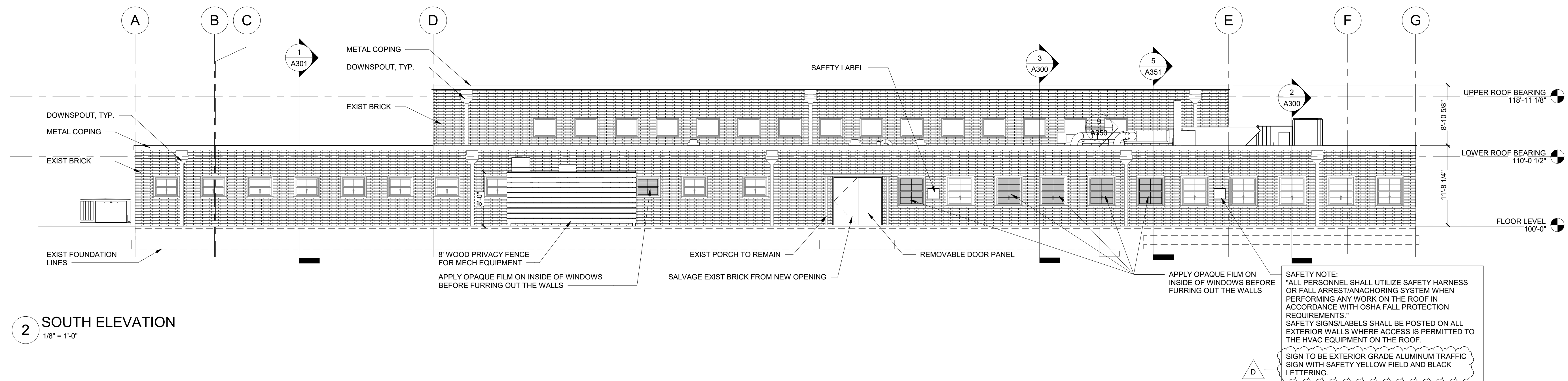
**GENERAL EXTERIOR ELEVATION NOTES**

- A. COORDINATE ALL GRADES WITH CIVIL DRAWINGS. NO CONCRETE FOUNDATIONS ARE TO BE VISIBLE ABOVE FINISH GRADE. ONLY FINISH MATERIALS. G.C. TO FIELD VERIFY ALL GRADES AT BUILDING AND BRICK SHELF ELEVATION.
- B. FOR DOOR SCHEDULE AND FRAME ELEVATIONS, REFER TO A700 SERIES SHEETS.

- CONC1 - CAST-IN-PLACE CONCRETE 1**  
INTEGRAL COLORED CAST-IN-PLACE CONCRETE
- MV1 - MASONRY VENEER 1**  
RUNNING BOND, 4"x2-2/3"x8" (NOMINAL) BRICK VENEER (RE: SPEC)
- MP1 - METAL PANEL 1**  
COMPOSITE PANEL, RAINSCREEN SYSTEM (RE: SPEC)
- GL1 - GLAZING 1**  
GLAZING UNIT (RE: FRAME ELEVATIONS AND SPEC)
- GL2 - GLAZING 2**  
SPANDREL GLAZING UNIT (RE: FRAME ELEVATIONS AND SPEC)



**1 WEST ELEVATION**  
1/8" = 1'-0"



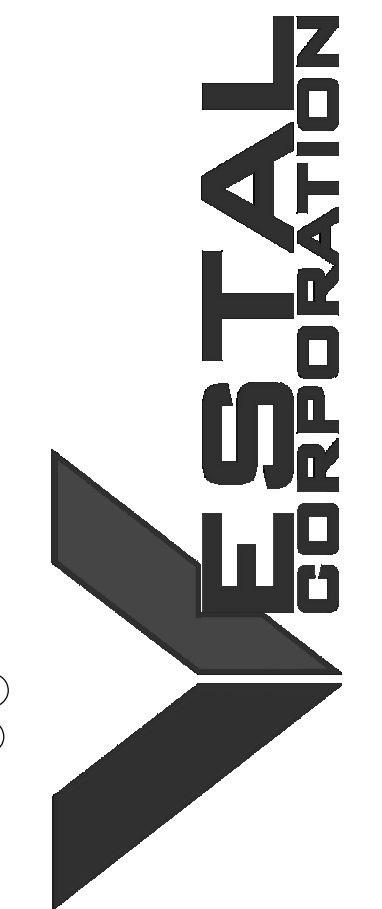
**2 SOUTH ELEVATION**  
1/8" = 1'-0"

**SAFETY NOTE:**  
"ALL PERSONNEL SHALL UTILIZE SAFETY HARNESS OR FALL ARREST/ANCHORING SYSTEM WHEN PERFORMING ANY WORK ON THE ROOF IN ACCORDANCE WITH OSHA FALL PROTECTION REQUIREMENTS."  
SAFETY SIGNS/LABELS SHALL BE POSTED ON ALL EXTERIOR WALLS WHERE ACCESS IS PERMITTED TO THE HVAC EQUIPMENT ON THE ROOF.

**SIGN TO BE EXTERIOR GRADE ALUMINUM TRAFFIC SIGN WITH SAFETY YELLOW FIELD AND BLACK LETTERING.**



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ST. CLAIR, MO 63077

PROJECT # T2326-01  
SITE # 6304  
FACILITY # 8136304011

REV.	DESCRIPTION	DATE
A	DD	02/16/2024
B	IFB	04/23/2024
C	IFB	08/29/2024

ISSUE DATE: 2024.08.29

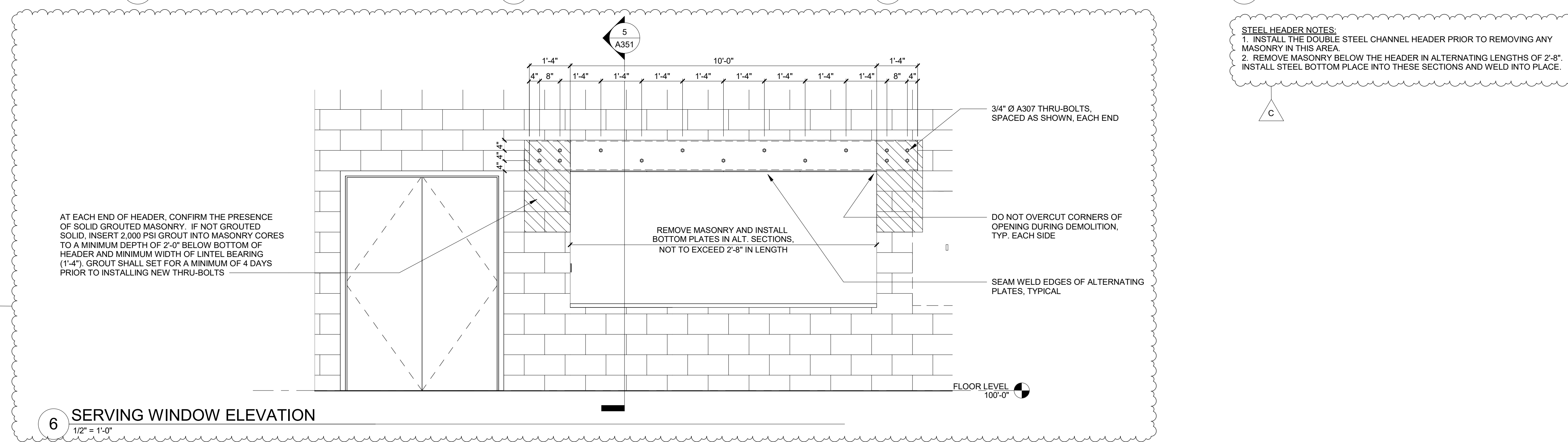
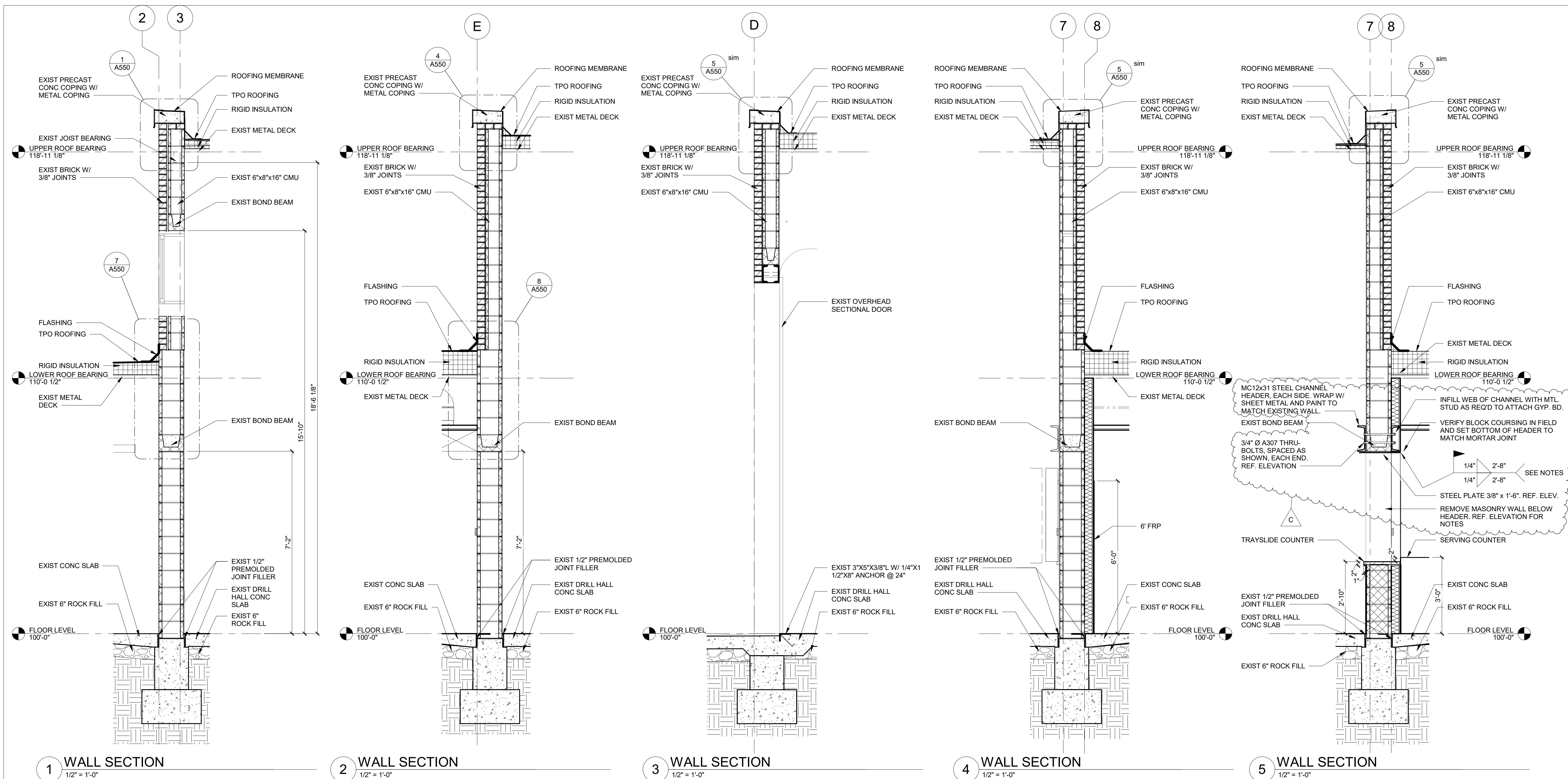
CAD DWG FILE:  
DRAWN BY: EE  
CHECKED BY: BH  
DESIGNED BY: JB

SHEET TITLE:  
**WALL SECTIONS**

SHEET NUMBER:

**A351**

22 OF 85 SHEETS  
2024.08.29





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A	DD	02/16/2024
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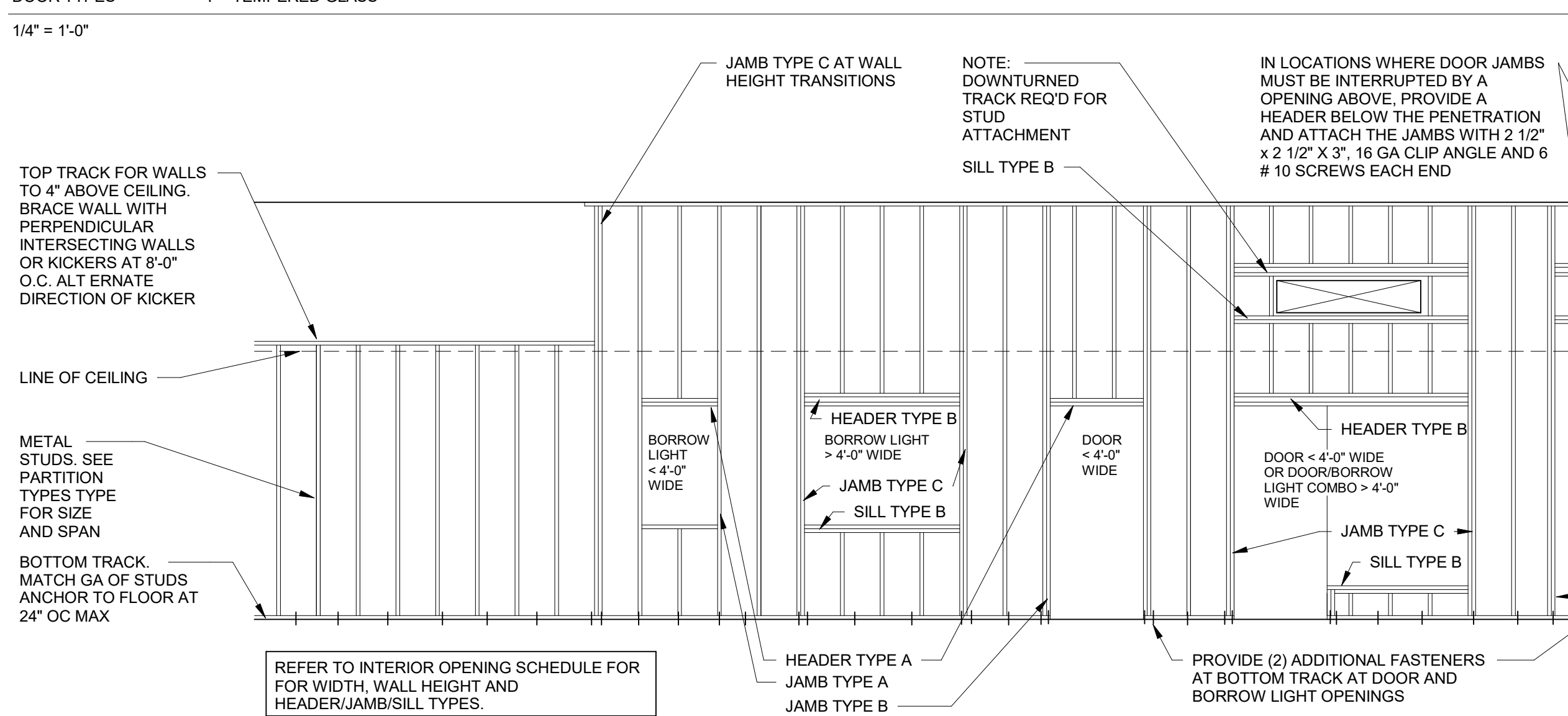
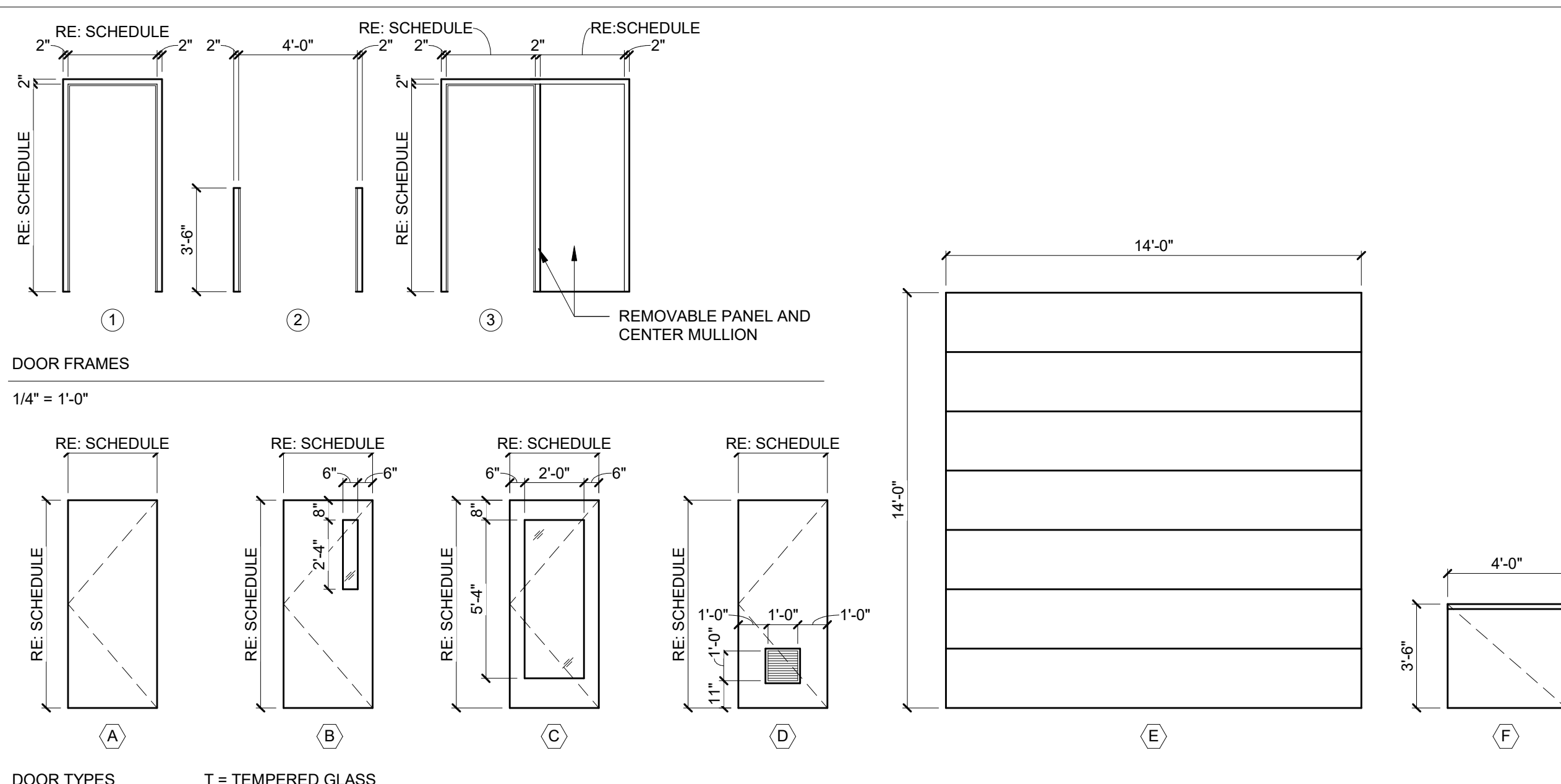
CAD DWG FILE:  
DRAWN BY: EE  
CHECKED BY: JB  
DESIGNED BY: JB

SHEET TITLE:  
**DOOR SCHEDULE  
AND DETAILS**

SHEET NUMBER:

**A700**

29 OF 85 SHEETS  
2024.08.29

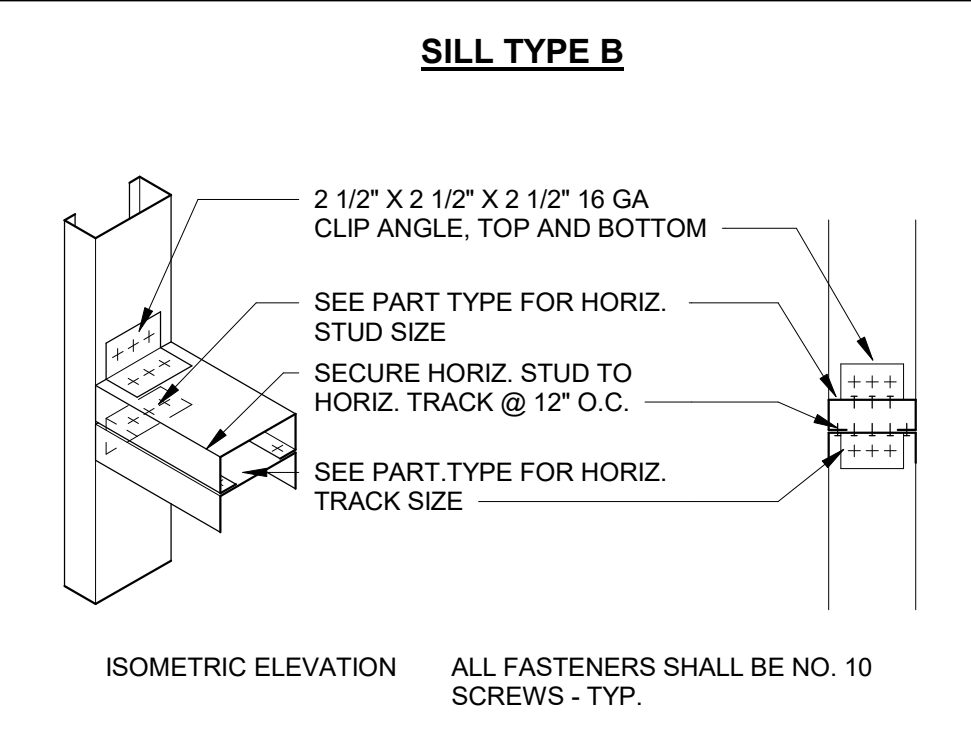
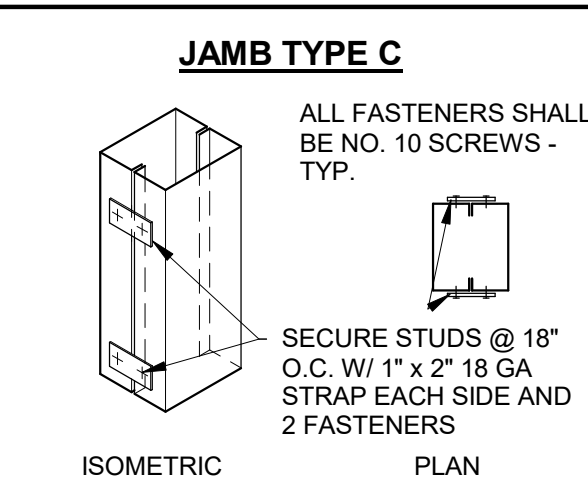
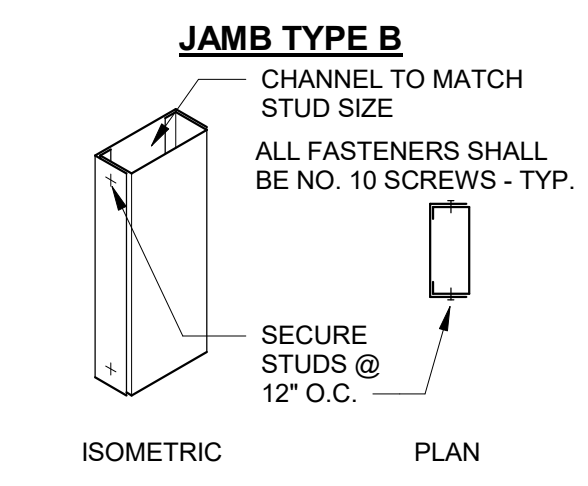
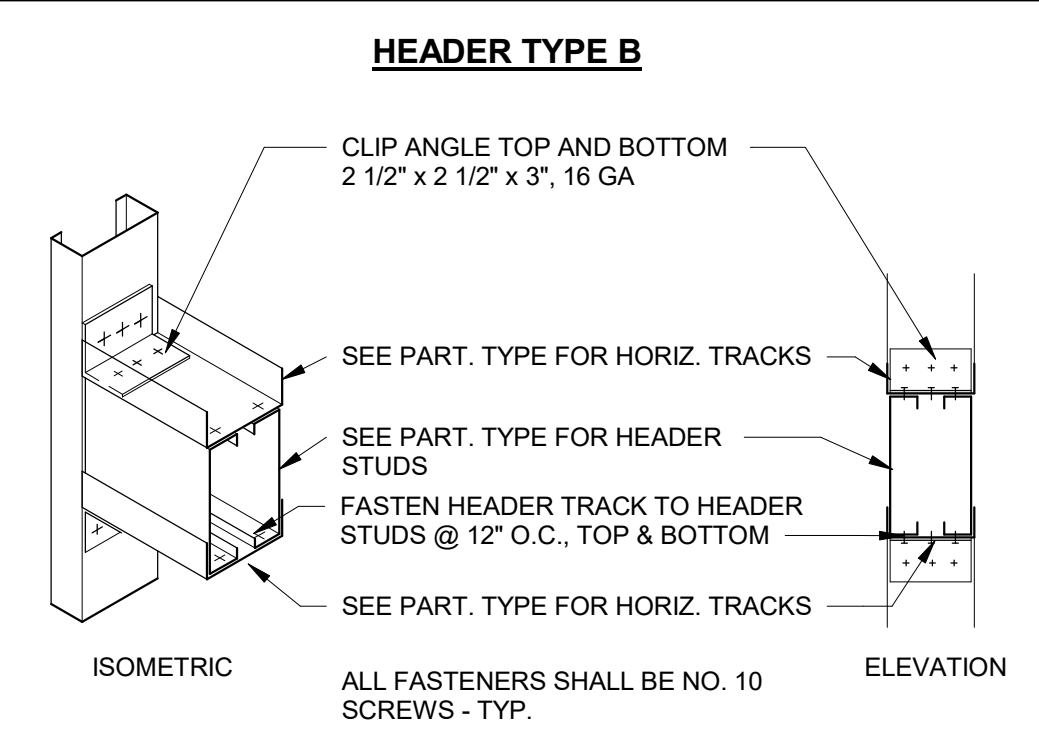
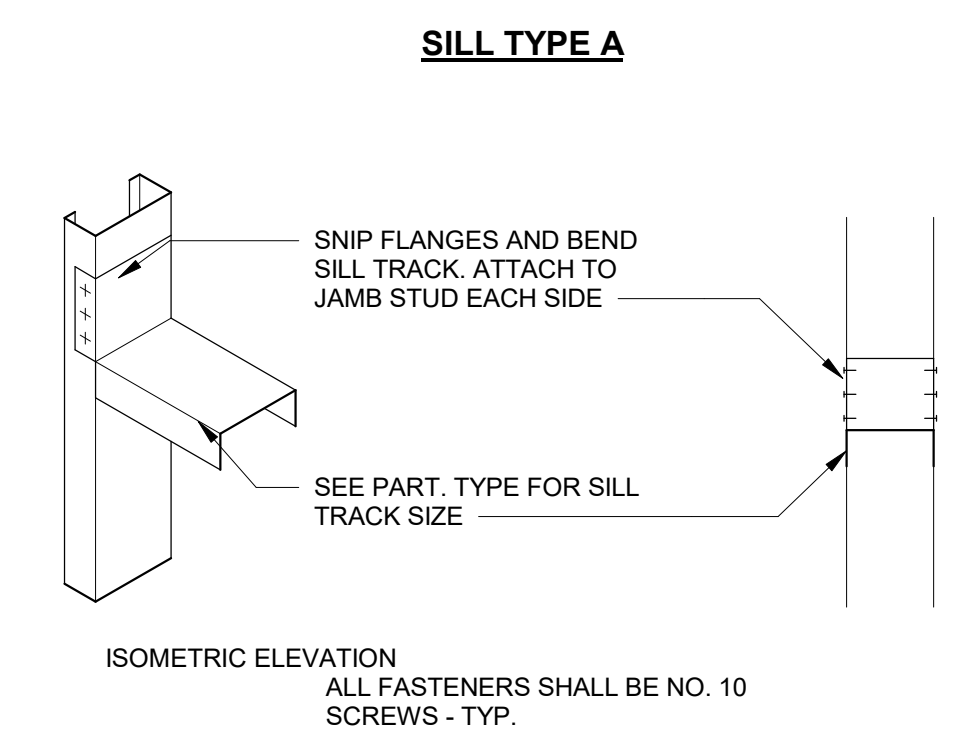
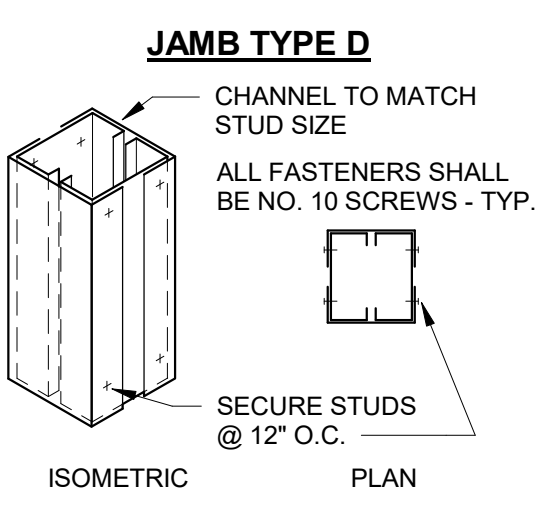
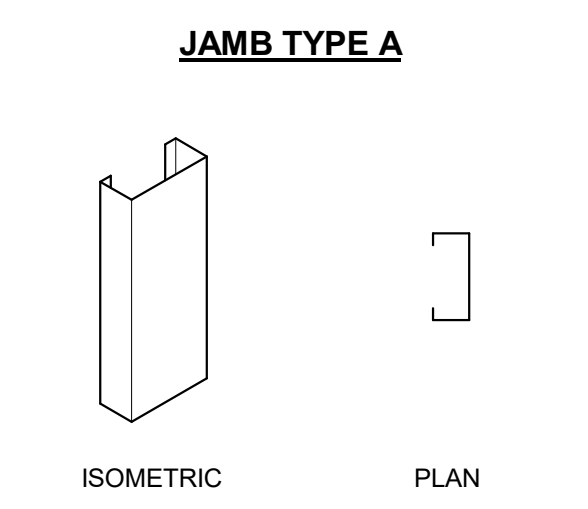
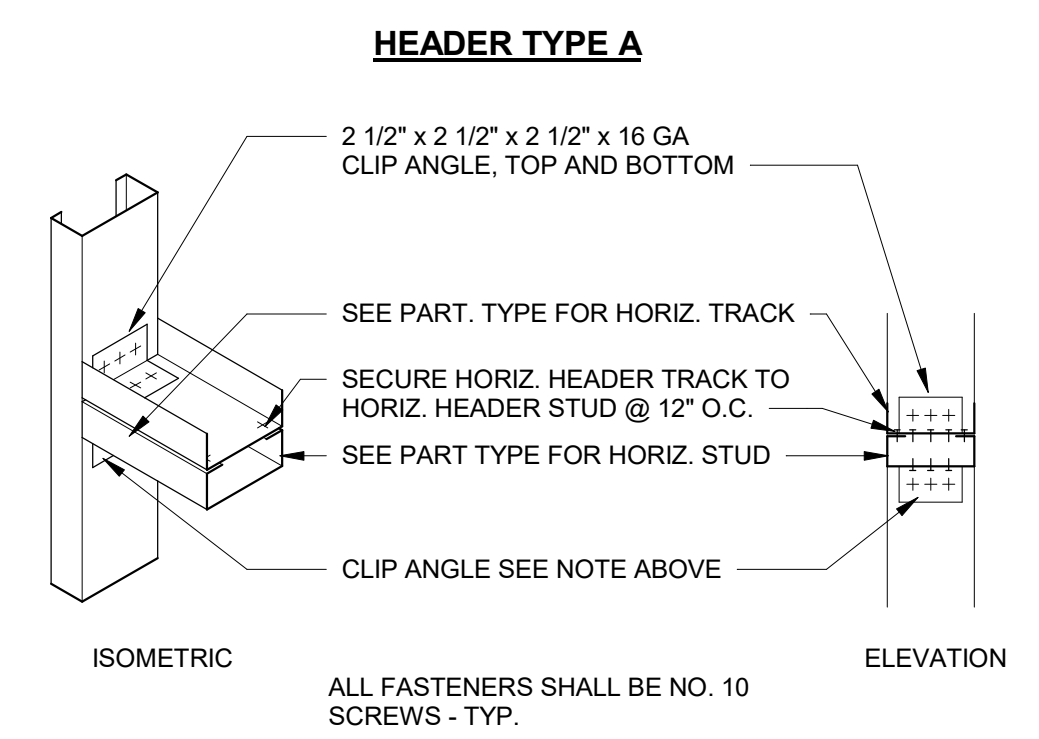


**1 INTERIOR WALL TYP OPENINGS FRAMING**  
1/4" = 1'-0"

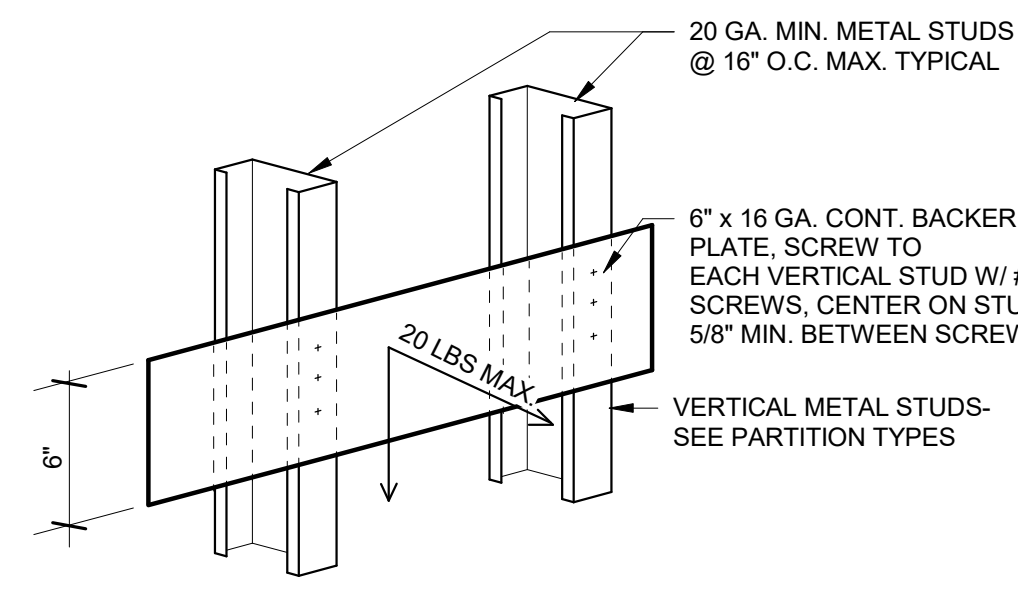
DOOR SCHEDULE												REMARKS				
DOOR #	PAIR	W	H	THK	ELEV	MATL	FINISH	GLAZING	ELEV	FRAME	DETAILS	HEAD	JAMB	HDW	FIRE RATING	REMARKS
100A	•	2'-8"	7'-0"	1 3/4"	A	HM	PT-2	-	1	HM	PT-2	H4	J4	8	-	
100B	•	2'-8"	7'-0"	1 3/4"	C	WD	ST	GL-1	1	HM	PT-2	H2	J2	6	1	
101		3'-0"	7'-0"	1 3/4"	B	WD	ST	GL-1	1	HM	PT-2	H2	J2	9	1	
102A		3'-0"	7'-0"	1 3/4"	B	WD	ST	GL-1	1	HM	PT-2	H2	J2	9	1	
102B		3'-0"	7'-0"	1 3/4"	A	WD	ST	-	1	HM	PT-2	H1	J1	9	-	
103A		3'-0"	7'-0"	1 3/4"	B	HM	PT-2	-	1	HM	PT-2	H4	J4	8	-	
103B		3'-0"	7'-0"	1 3/4"	A	WD	ST	-	1	HM	PT-2	H1	J1	5	-	
103C		3'-0"	7'-0"	1 3/4"	A	WD	ST	GL-1	1	HM	PT-2	H1	J1	11	-	
104	•	2'-6"	7'-0"	1 3/4"	B	WD	ST	GL-1	1	HM	PT-2	H2	J2	4	1	
105A	•	3'-0"	7'-0"	1 3/4"	B	WD	ST	GL-1	1	HM	PT-2	H2	J2	4	1	
105B	•	2'-6"	7'-0"	1 3/4"	B	WD	ST	GL-1	1	HM	PT-2	H2	J2	4	1	
106																EXIST VAULT DOOR TO REMAIN
107	•	2'-6"	7'-0"	1 3/4"	A	WD	ST	-	1	HM	PT-2	H2	J2	12	1	
108		3'-0"	7'-0"	1 3/4"	A	WD	ST	-	1	HM	PT-2	H1	J1	2	-	
109		3'-6"	13'-0"	1 3/4"	F	WD	ST	-	2	HM	PT-2	-	J1	5	-	HALF DOOR
110A		3'-8"	7'-0"	1 3/4"	A	HM	PT-2	-	1	HM	PT-2	H4	J4	8	1	
110B		14'-0"	11'-2"	1 1/2"	E	STEEL	-	-	-	-	-	H6	J6	-	-	EXIST SECTIONAL DOOR TO REMAIN
111A		3'-0"	7'-0"	1 3/4"	B	WD	ST	-	1	HM	PT-2	H2	J2	5	1	
111B		3'-0"	7'-0"	1 3/4"	A	HM	PT-2	GL-1	1	HM	PT-2	H1	J1	1	-	
112A		3'-0"	7'-0"	1 3/4"	B	WD	ST	GL-1	1	HM	PT-2	H1	J1	9	-	
112B		3'-0"	7'-0"	1 3/4"	B	WD	ST	GL-1	1	HM	PT-2	H1	J1	9	-	
113B	•	2'-6"	7'-0"	1 3/4"	A	HM	PT-2	-	1	HM	PT-2	H4	J4	8	-	
114		3'-0"	7'-0"	1 3/4"	B	WD	ST	GL-1	1	HM	PT-2	H2	J2	9	-	
115		2'-8"	7'-0"	1 3/4"	B	WD	ST	GL-1	1	HM	PT-2	H2	J2	4	1	
116A	•	3'-0"	7'-0"	1 3/4"	B	WD	ST	GL-1	1	HM	PT-2	H8	J2	4	1	
116B		2'-8"	7'-0"	1 3/4"	A	WD	ST	-	1	HM	PT-2	H1	J1	4	-	
117		3'-0"	7'-0"	1 3/4"	A	WD	ST	-	1	HM	PT-2	H8	J2	7	1	
118A		3'-0"	7'-0"	1 3/4"	D	WD	ST	-	1	HM	PT-2	H8	J2	2	1	
118B	•	3'-6"	7'-0"	1 3/4"	A	HM	PT-2	-	3	HM	PT-2	H7	J4	8	-	ONE REMOVABLE PANEL
119		3'-0"	7'-0"	1 3/4"	A	WD	ST	-	1	HM	PT-2	H8	J2	7	1	
120A	•	2'-6"	7'-0"	1 3/4"	A	WD	ST	-	1	HM	PT-2	H3	J3	4	1	
120B		3'-0"	7'-0"	1 3/4"	A	HM	PT-2	-	1	HM	PT-2	H5	J5	8	-	
121A		3'-0"	7'-0"	1 3/4"	B	WD	ST	GL-1	1	HM	PT-2	H2	J2	9	-	
121B		3'-0"	7'-0"	1 3/4"	A	WD	ST	-	1	HM	PT-2	H1	J1	9	-	
122		3'-0"	7'-0"	1 3/4"	B	WD	ST	GL-1	1	HM	PT-2	H2	J2	9	1	

**INTERIOR WALL OPENING SCHEDULE - HEADER, JAMB AND SILL TYPES**

WALL HEIGHT "H" REF PART TYPE FOR STUD SIZE/GA	ROUGH OPENING WIDTH "W"	HEADER TYPE	JAMB TYPE	SILL TYPE	WALL HEIGHT "H" REF PART TYPE FOR STUD SIZE/GA	ROUGH OPENING WIDTH "W"	HEADER TYPE	JAMB TYPE	SILL TYPE
<b>3 5/8" STUD - 1 LAYER 5/8" GYP BD EA SIDE</b>					<b>3 5/8" STUD - 2 LAYERS 5/8" GYP BD EA SIDE</b>				
8'-0" - 12'-0"	0'-0" < W ≤ 4'-0"	A	A-OR-B	A	8'-0" - 12'-0"	0'-0" < W ≤ 4'-0"	A	A-OR-B	A
	4'-0" < W ≤ 8'-0"	B	B-OR-C	B		4'-0" < W ≤ 8'-0"	B	B-OR-C	B
	8'-0" < W ≤ 12'-0"	B	C	B		8'-0" < W ≤ 12'-0"	B	C	B
12'-0" < H ≤ 14'-0"	0'-0" < W ≤ 4'-0"	A	B	A	12'-0" < H ≤ 14'-0"	0'-0" < W ≤ 4'-0"	A	B	A
	4'-0" < W ≤ 8'-0"	B	B-OR-C	B		4'-0" < W ≤ 8'-0"	B	B-OR-C	B
	8'-0" < W ≤ 12'-0"	B	C	B		8'-0" < W ≤ 12'-0"	B	C	B
14'-0" < H ≤ 16'-0"	0'-0" < W ≤ 4'-0"	A	B	A	14'-0" < H ≤ 16'-0"	0'-0" < W ≤ 4'-0"	A	A-OR-B	A
	4'-0" < W ≤ 8'-0"	B	B-OR-C	B		4'-0" < W ≤ 8'-0"	B	B-OR-C	B
	8'-0" < W ≤ 12'-0"	B	D	B		8'-0" < W ≤ 12'-0"	B	D	B
<b>6" STUD - 1 LAYER 5/8" GYP BD EA SIDE</b>					<b>6" STUD - 2 LAYERS 5/8" GYP BD EA SIDE</b>				
8'-0" - 12'-0"	0'-0" < W ≤ 4'-0"	A	A-OR-B	A	8'-0" - 12'-0"	0'-0" < W ≤ 4'-0"	A	A-OR-B	A
	4'-0" < W ≤ 8'-0"	B	B-OR-C	B		4'-0" < W ≤ 8'-0"	B	B-OR-C	B
	8'-0" < W ≤ 12'-0"	B	C	B		8'-0" < W ≤ 12'-0"	B	C	B
12'-0" < H ≤ 14'-0"	0'-0" < W ≤ 4'-0"	A	B	A	12'-0" < H ≤ 14'-0"	0'-0" < W ≤ 4'-0"	A	B	A
	4'-0" < W ≤ 8'-0"	B	B-OR-C	B		4'-0" < W ≤ 8'-0"	B	B-OR-C	B
	8'-0" < W ≤ 12'-0"	B	C	B		8'-0" < W ≤ 12'-0"	B	C	B
14'-0" < H ≤ 16'-0"	0'-0" < W ≤ 4'-0"	A	B	A	14'-0" < H ≤ 16'-0"	0'-0" < W ≤ 4'-0"	A	B	A
	4'-0" < W ≤ 8'-0"	B	B-OR-C	B		4'-0" < W ≤ 8'-0"	B	B-OR-C	B
	8'-0" < W ≤ 12'-0"	B	D	B		8'-0" < W ≤ 12'-0"	B	D	B

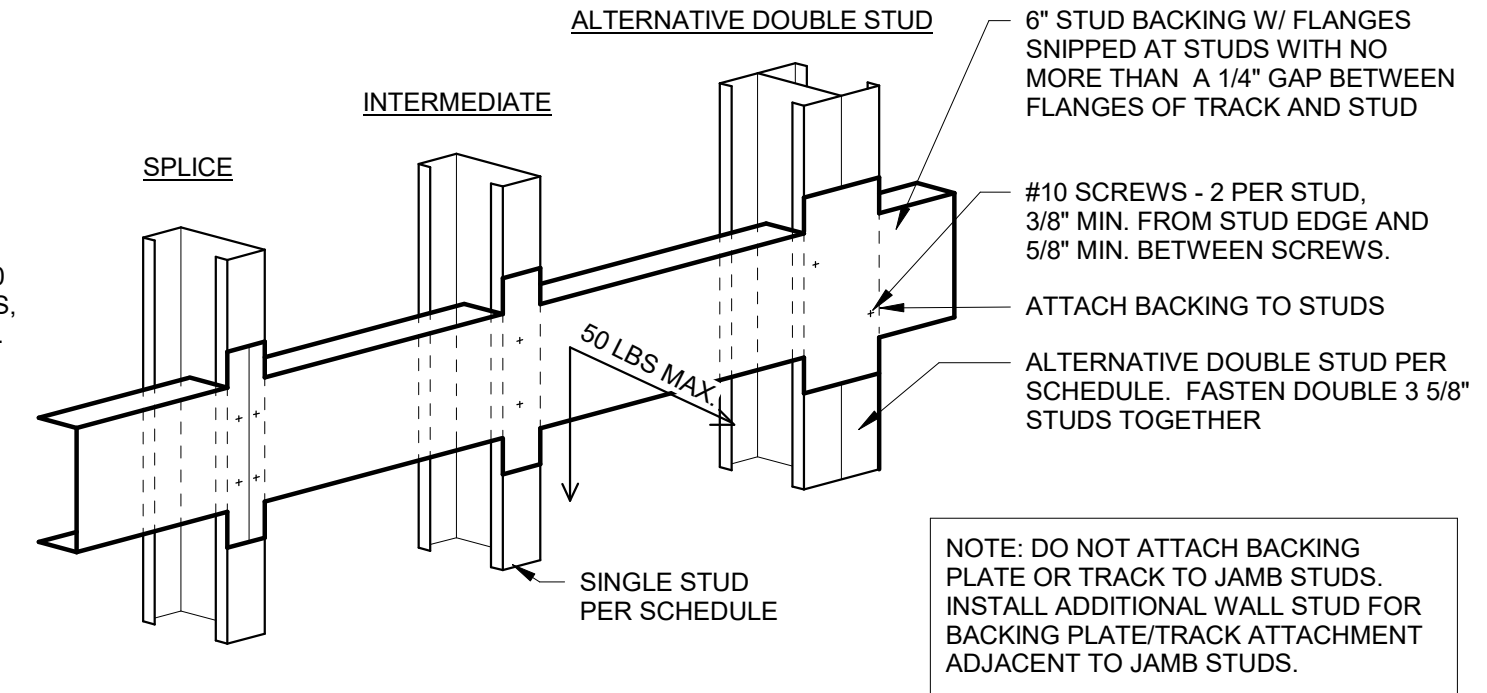






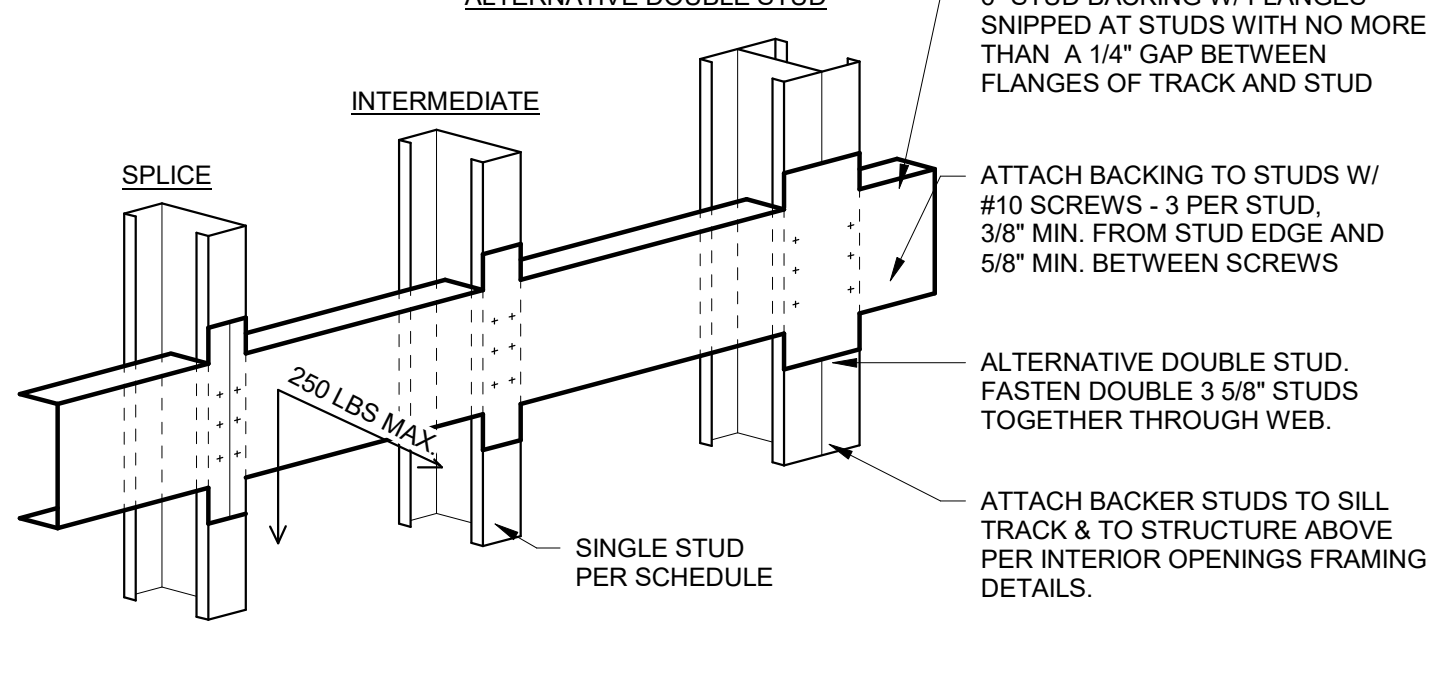
TYPICAL METAL BLOCKING DETAIL - 20 LB MAX. LOAD

- NOTE:**
- THIS DETAIL MAY BE USED FOR THE ATTACHMENT OF CABINETS OR EQUIPMENT DISTRIBUTING LESS THAN OR EQUAL TO 20 LBS TO EACH STUD UNLESS APPROVED OTHERWISE BY THE STRUCTURAL ENGINEER. (THE CENTER OF GRAVITY SHALL BE LESS THAN 6\"/>



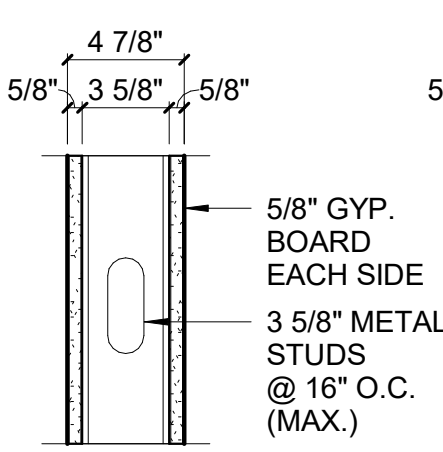
TYPICAL METAL BLOCKING DETAIL - 50 LB MAX. LOAD - 6007125 - 43 MIN. BACKER

- NOTE:**
- THIS DETAIL MAY BE USED FOR THE ATTACHMENT OF CABINETS, LIGHT FIXTURES, SHOWER CURTAIN RODS OR EQUIPMENT DISTRIBUTING LESS THAN OR EQUAL TO 50 LBS TO EACH STUD UNLESS APPROVED OTHERWISE BY THE STRUCTURAL ENGINEER. (THE CENTER OF GRAVITY SHALL BE LESS THAN 6\"/>

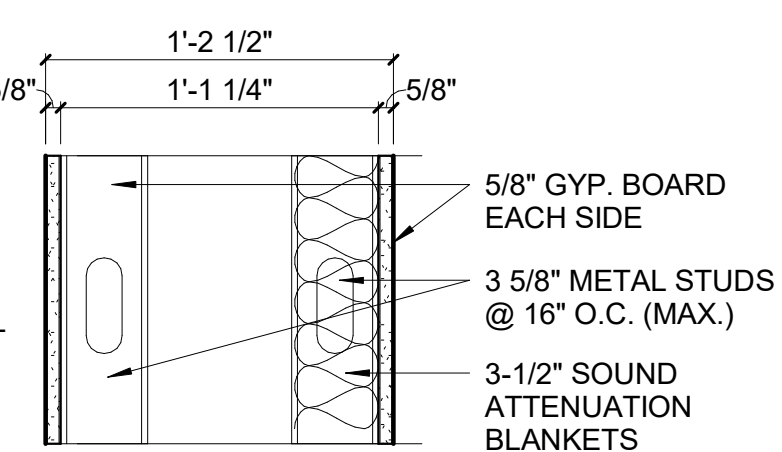


TYPICAL METAL BLOCKING DETAIL - 250 LB MAX. LOAD - 6007150 - 68 MIN. BACKER

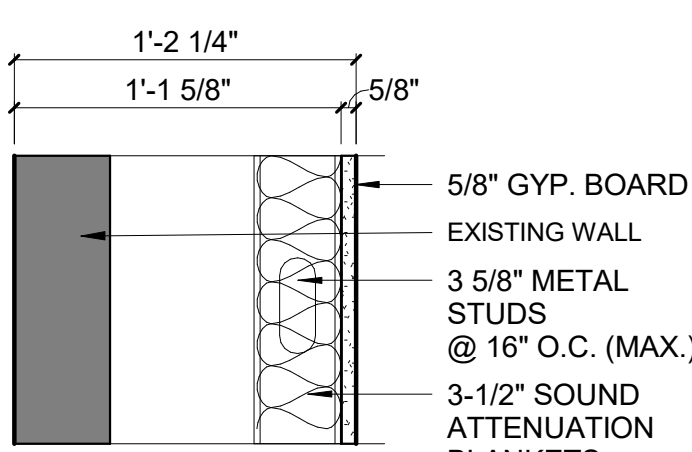
- NOTE:**
- THIS DETAIL MAY BE USED FOR THE ATTACHMENT OF WALL MOUNTED TOWEL BARS, GRAB BARS, SHOWER SEATS, SHELVING, HANDRAILS, COUNTERS, LAVS, INFANT CHANGING TABLES, CASEWORK, AND EQUIPMENT DISTRIBUTING LESS THAN OR EQUAL TO 250 LBS TO EACH STUD UNLESS APPROVED OTHERWISE BY THE STRUCTURAL ENGINEER. (THE CENTER OF GRAVITY SHALL BE LESS THAN 6\"/>



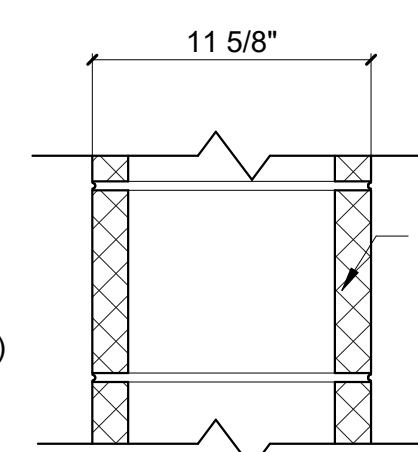
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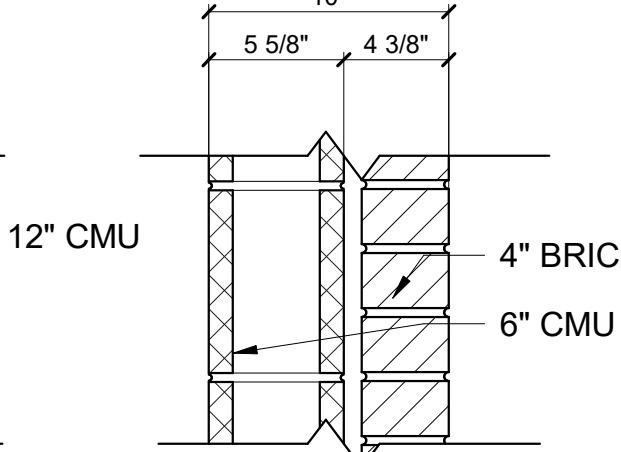
P2



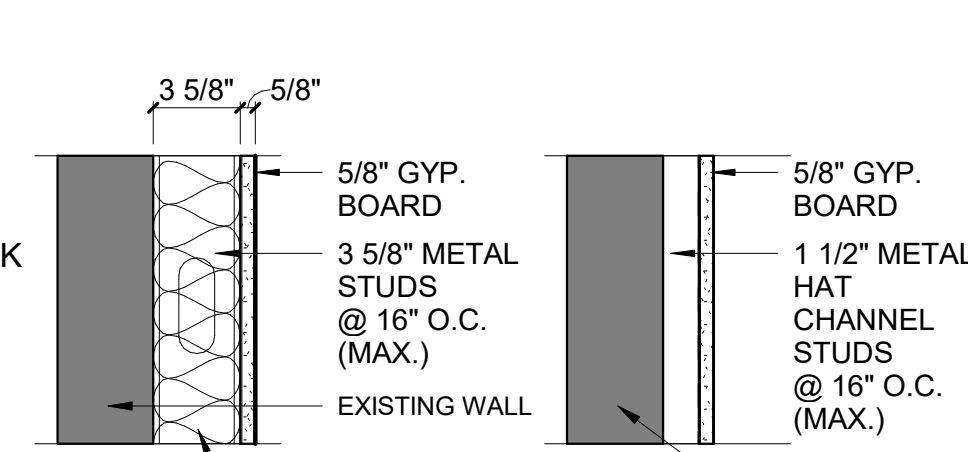
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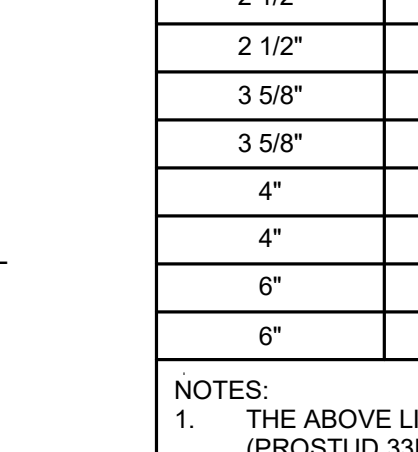
P4



P5



P6



P7

**1 1/2\"/>**

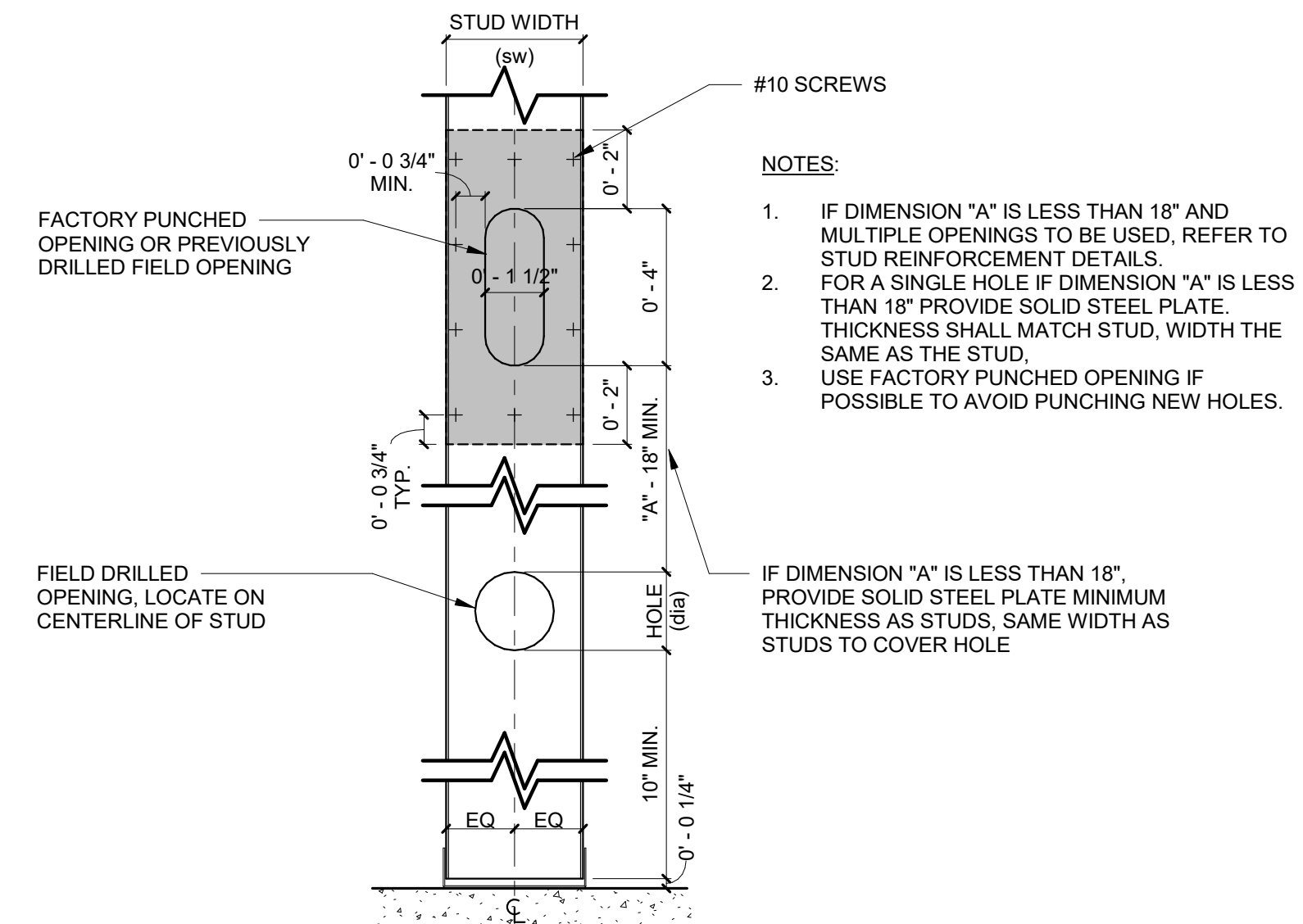
**GENERAL PARTITION TYPE NOTES:**

- REFER TO ARCHITECTURAL FLOOR PLANS FOR PARTITION TYPE DESIGNATIONS.
- SEE THIS SHEET FOR ACTUAL PARTITION TYPES, DETAILS AND GENERAL NOTES REGARDING CONSTRUCTION OF PARTITIONS SHOWN ON PLANS.
- REFER TO CODE DATA FOR ADDITIONAL FIRE RATINGS, SMOKE PARTITION LOCATIONS, INFORMATION AND REQUIREMENTS.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING RATED ASSEMBLIES AS INDICATED ON CONSTRUCTION DOCUMENTS AND PER ALL LOCAL AND JURISDICTIONAL CODES IN FORCE.
- FIRE WALLS SHALL NOT BE PENETRATED EXCEPT AS ALLOWED AND PROTECTED BY CODE REGULATIONS AND REQUIREMENTS (E.G. APPROPRIATE USE OF FIRE STOPPING, DAMPERS, FIRE RESISTIVE MATERIALS AND METHODS OF CONSTRUCTION. GYPSUM BOARD IS TO BE WATER RESISTANT TYPE "X" GYPSUM BOARD ON WET FACES OF PLUMBING WALLS AND ON CERAMIC TILE FACED WALL SURFACES (E.G. TILED SERVARY WALLS, DRINKING FOUNTAIN WALLS, REST ROOM PLUMBING WALLS, OR TILED WALLS).
- WET WALLS THAT RECEIVE CERAMIC TILE THAT ARE SUBJECT TO BEING HOSED DOWN, SUCH AS "BACK OF HOUSE" AREAS (E.G. KITCHEN, DISH ROOM, JANITOR'S CLOSET, ETC.) SHALL BE CEMENTITIOUS BACKER BOARD (IN LIEU OF WATER RESISTANT GYPSUM BOARD). PLACE 6 MIL POLYETHYLENE MEMBRANE BEHIND CEMENT BACKER BOARD (AS A VAPOR BARRIER).
- ALL STRUCTURAL STEEL COLUMNS SHALL BE PROTECTED AS REQUIRED BY CODE (TYPICAL).
- AT ALL SMOKE BARRIER AND FIRE RATED PARTITIONS, FURR OUT ALL COLUMNS, BEAMS, JOISTS AND OTHER STRUCTURAL ITEMS AS REQUIRED TO SEAL GYPSUM BOARD TIGHT TO STRUCTURAL DECK OR EXTERIOR WALL TO MAINTAIN REQUIRED RATING.
- ALL GYPSUM BOARD AT STAIR, RAMP, & CORRIDOR WALLS TO BE IMPACT RESISTANT GYPSUM BOARD.
- GENERAL CONTRACTOR TO VERIFY THAT ALL EXISTING WALLS, REQUIRED TO BE FIRE RATED AS SHOWN ON PLANS, MEET CODE FOR RATINGS. IF EXISTING WALLS INDICATED AS RATED WALLS HAVE NOT BEEN CONSTRUCTED ACCORDING TO CODE REQUIREMENTS, GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT AND SHALL BRING SUCH WALLS UP TO CODE. IF EXISTING WALLS SHOWN AS RATED WALLS ON PLANS HAVE UNPROTECTED, OR IMPROPERLY PROTECTED OPENINGS, GENERAL CONTRACTOR SHALL PROPERLY INFILL OR PROTECT OPENINGS AS REQUIRED TO COMPLY WITH CODE.

**INTERIOR METAL STUD LIMITING HEIGHT SCHEDULE**

STUD SIZE	STUD SPACING	ALLOWABLE DEFLECTION	LIMITING HEIGHT
1 5/8"	16" O.C.	L/240	8'-10" MAX HGT.
1 5/8"	24" O.C.	L/240	7'-9" MAX HGT.
2 1/2"	16" O.C.	L/240	12'-3" MAX HGT.
2 1/2"	24" O.C.	L/240	10'-8" MAX HGT.
3 5/8"	16" O.C.	L/240	16'-3" MAX HGT.
3 5/8"	24" O.C.	L/240	14'-3" MAX HGT.
4"	16" O.C.	L/240	17'-7" MAX HGT.
4"	24" O.C.	L/240	15'-4" MAX HGT.
6"	16" O.C.	L/240	24'-1" MAX HGT.
6"	24" O.C.	L/240	20'-1" MAX HGT.

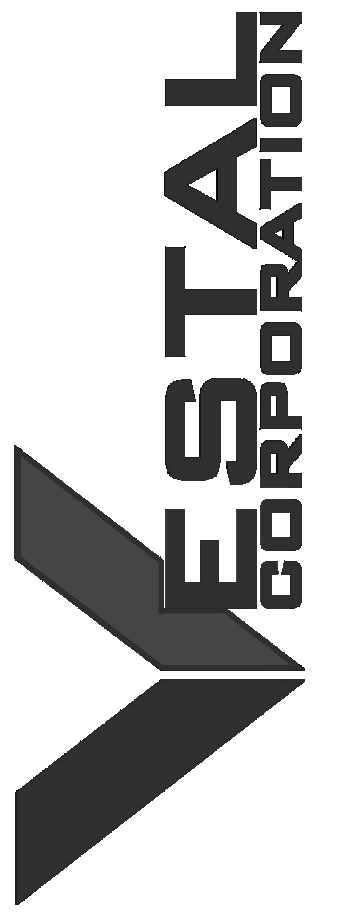
- NOTES:**
- THE ABOVE LIMITING HEIGHTS ARE BASED ON THE CLARKDETRICH PROSTUD (PROSTUD 33MIL) (5.0 PSF), NON-COMPOSITE WALL (FULLY BRACED). CONTRACTOR TO VERIFY LIMITING HEIGHTS BASED ON MANUFACTURER OF STUD PROVIDED FOR PROJECT.



STUD WIDTH (sw)	MAXIMUM HOLE DIAMETER (dia)	MAXIMUM NOMINAL CONDUIT DIAMETER	MAXIMUM STEEL/IRON/PVC PIPING DIAMETER	MAXIMUM COPPER PIPING DIAMETER
2 1/2"	1 1/2" Ø	1" Ø	1" Ø	1 1/4" Ø
3 5/8"	2 5/16" Ø	1 1/2" Ø	1 1/2" Ø	2" Ø
4"	2 1/2" Ø	2" Ø	2" Ø	2" Ø
6"	4" Ø	3" Ø	3" Ø	3" Ø



PROFESSIONAL SEAL



OFFICE OF ADMINISTRATION  
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MANAGEMENT, DESIGN AND  
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DEPARTMENT OF  
MISSOURI NATIONAL  
GUARD

ST. CLAIR READINESS  
CENTER

375 COMMERCIAL AVE.  
ST. CLAIR, MO 63077

PROJECT # T2326-01  
SITE # 6304  
FACILITY # 8136304011

REV.	DESCRIPTION	DATE
A	DD	02/16/2024
B	IFB	04/23/2024
C	IFB	08/29/2024

ISSUE DATE: 2024.08.29

CAD DWG FILE:  
DRAWN BY: EE  
CHECKED BY: BH  
DESIGNED BY: JB

SHEET TITLE:  
**PARTITION TYPES  
AND DETAILS**

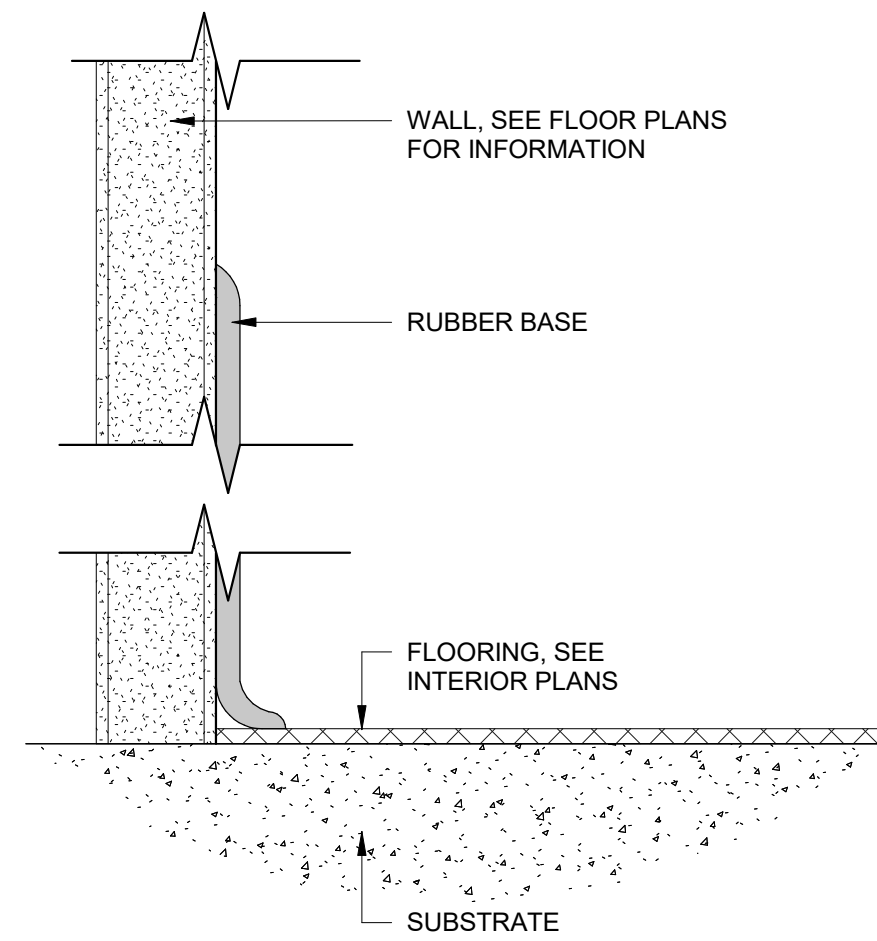
SHEET NUMBER:

**A720**

31 OF 85 SHEETS  
2024.08.29

**GENERAL FINISH NOTES:**

- A. FINISH SYSTEMS DESCRIBE THE FINISH SPECIFICATION FOR THE VERTICAL SURFACE OF ALL FINISHES APPLIED TO A PARTITION. IF DISCREPANCY OCCURS, CONTACT THE ARCHITECT FOR CLARIFICATION PRIOR TO STARTING WORK WITHIN THE SUBJECT AREA.
- B. WORKMANSHIP SHALL BE THE BEST OF ITS RESPECTIVE KINDS FOR EACH OF THE VARIOUS TRADES EMPLOYED.
- C. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR EXAMINING AND CONFIRMING ALL SUBSTRATE CONDITIONS WHERE NEW MATERIALS ARE APPLIED. SUBSTRATE SHALL BE SMOOTH, FREE OF DEFECTS AND SHALL CONFORM TO THE REQUIREMENTS OF THE FINISHED MATERIAL MANUFACTURERS WRITTEN RECOMMENDATIONS.
- D. UPON COMPLETION OF INSTALLATION OF PORCELAIN/CERAMIC TILE, CONTRACTOR TO CLEAN ALL TILE SURFACES PER MANUFACTURERS WRITTEN RECOMMENDATIONS SO THEY ARE FREE OF FOREIGN MATTER. SEAL ALL GROUT WITH (2) COATS OF MANUFACTURERS RECOMMENDED GROUT SEALER. PROHIBIT FOOT AND/OR WHEEL TRAFFIC FROM TILED FLOORS FOR AT LEAST 7 DAYS AFTER GROUTING IS COMPLETE.
- E. FINISH SUBSTITUTIONS SHALL BE APPROVED BY ARCHITECT ONLY. SEE SPECIFICATIONS FOR SUBMITTAL REQUIREMENTS FOR ANY SUBSTITUTIONS.
- F. DURING INSTALLATION OF CARPET, CONTRACTOR MUST COMPLY WITH CARPET MANUFACTURERS WRITTEN RECOMMENDED INSTALLATION METHODS. THIS INCLUDES SEAM SEALERS, GLUE, TERMINATION OF ALL SEAMS AND EXPOSED EDGES.
- G. UPON COMPLETION OF INSTALLATION OF CARPET, CONTRACTOR TO REMOVE VISIBLE ADHESIVE, SEAM SEALER AND OTHER SURFACE BLEMISHES USING CLEANER RECOMMENDED BY CARPET MANUFACTURER. COMPLY WITH CRI 104, SECTION 15: "PROTECTION OF INDOOR INSTALLATION." REFER TO FINISH AND MATERIAL LEGEND FOR ARCHITECT DESIRED INSTALL. PROVIDE AND CONTINUE SCHEDULED FLOORING FROM PARTITION TO PARTITION AND UNDER MILLWORK UNLESS NOTED OTHERWISE.
- H. FLOOR TRANSITIONS SHALL OCCUR AT CENTERLINE OF DOOR, UNLESS NOTED OTHERWISE.
- J. TOLERANCE VARIATION FROM FLAT AND LEVEL SURFACE: 1/8" IN 10', UNLESS NOTED OTHERWISE IN SPECIFICATIONS.
- K. ALL WALLS SHALL BE PAINTED (P-XX) UNLESS NOTED OTHERWISE.
- L. ALL DOOR FRAMES TO BE PAINTED TO MATCH ADJACENT WALL, UNLESS NOTED OTHERWISE.
- M. ALL GYPSUM BOARD CEILINGS TO BE PAINTED (P-XXX), UNLESS NOTED OTHERWISE.
- N. ALL ACOUSTICAL CEILINGS TO BE (ACT-XX), UNLESS NOTED OTHERWISE.
- O. ALL WINDOW SILLS TO BE (SS-XX), UNLESS NOTED OTHERWISE.
- P. ALL RECEPTACLES, SWITCHES, COVER PLATES, ETC. ARE TO BE STAINLESS STEEL, UNLESS NOTED OTHERWISE.
- Q. WHERE PLASTIC LAMINATE GRAIN/PATTERN RETURN A CORNER, GRAIN/PATTERN TO RUN IN SAME DIRECTION ON ALL SIDES.

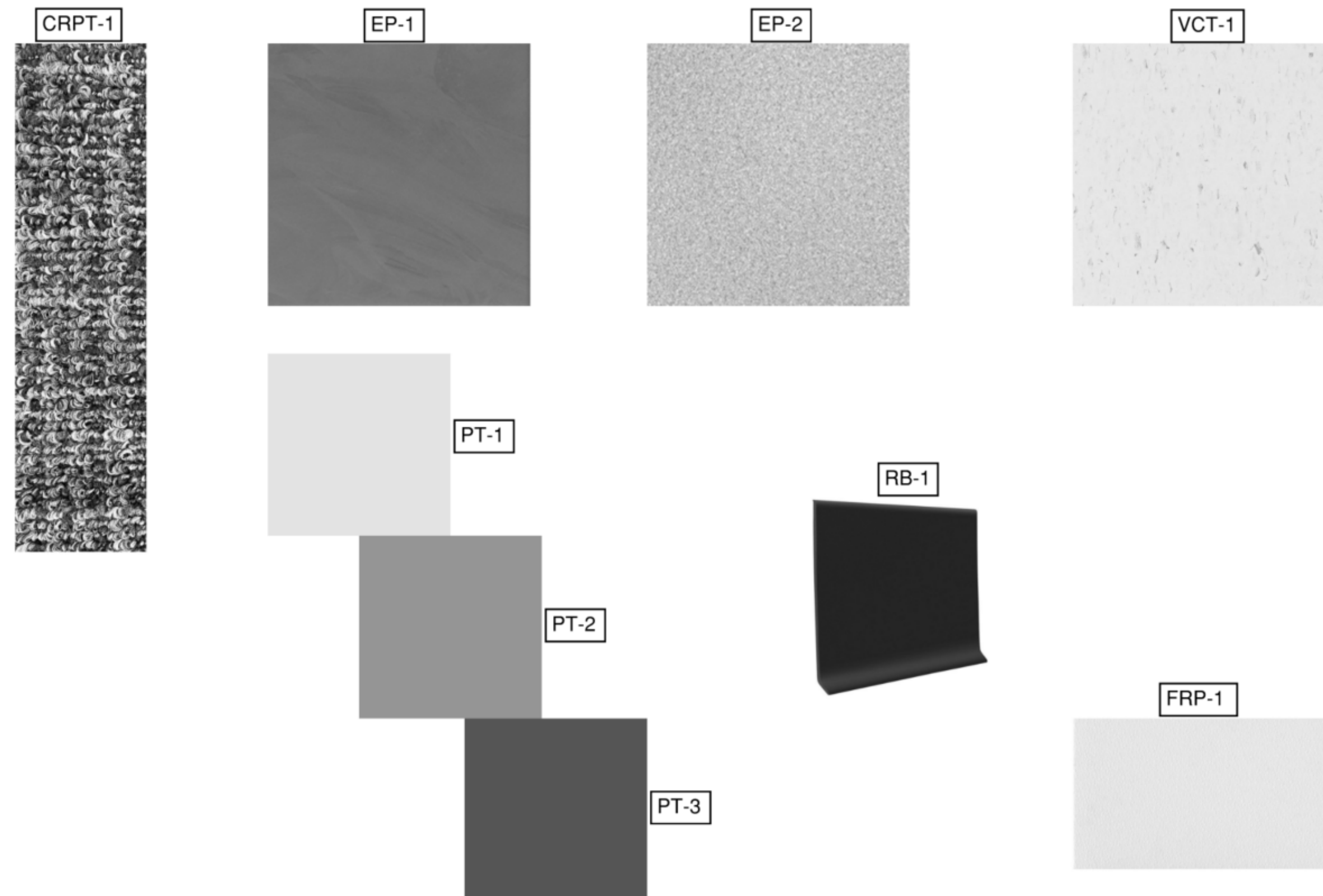


**1 RUBBER COVE BASE**  
1/2" = 1'-0"

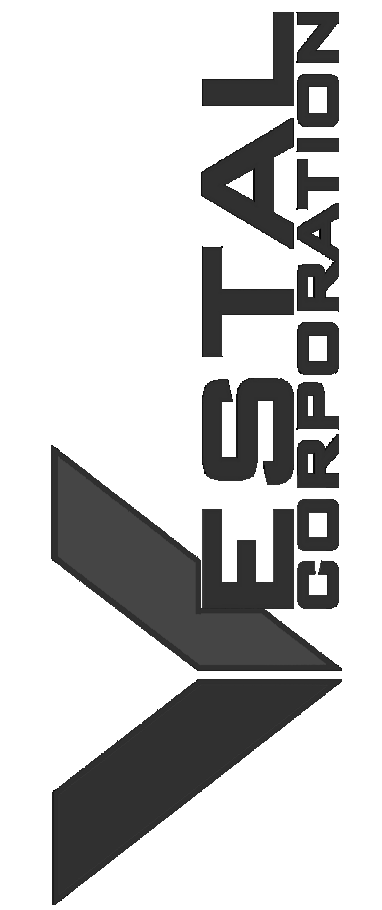
ROOM #	NAME	FLOOR FINISH	BASE FINISH	WALL FINISHES				CEILING FINISH	CEILING HEIGHT	COMMENTS
				NORTH	SOUTH	EAST	WEST			
100	LOBBY	EP-1	RB-1	PT-1	PT-1	PT-1	PT-2	ACT1	8'-0"	
101	OFFICE	CRPT-1	RB-1	PT-1	PT-1	PT-3	PT-1	ACT1	8'-0"	
102	OFFICE	CRPT-1	RB-1	PT-1	PT-1	PT-3	PT-1	ACT1	8'-0"	
103	OFFICE	CRPT-1	RB-1	PT-3	PT-1	PT-1	PT-1	ACT1	8'-0"	
104	TRAINING OFFICE	CRPT-1	RB-1	PT-2	PT-1	PT-1	PT-1	ACT1	8'-0"	
105	GYM	-	-	-	-	-	-	EXP	10'-0 1/2"	
106	ORD STOR	SCONC	-	-	-	-	-	EXP	9'-7"	
107	STOR	SCONC	-	-	-	-	-	EXP	10'-0 1/2"	
108	STOR	SCONC	-	-	-	-	-	EXP	10'-0 1/2"	
109	OFFICE	SCONC	-	PT-1	PT-1	PT-1	PT-3	EXP	10'-0 1/2"	
110	DRILL HALL	EP-2	-	PT-1	PT-1	PT-1	PT-1	EXP	18'-11"	
111	HALL	SCONC	-	PT-1	PT-1	PT-1	PT-1	ACT1	8'-7 1/2"	
112A	OFFICE	CRPT-1	RB-1	PT-1	PT-3	PT-1	PT-1	ACT1	8'-7 1/2"	
112B	OFFICE	CRPT-1	RB-1	PT-1	PT-3	PT-1	PT-1	ACT1	8'-7 1/2"	
113	ELEC	SCONC	-	PT-1	PT-1	PT-1	PT-1	EXP	10'-0 1/2"	
114	OFFICE	CRPT-1	RB-1	PT-1	PT-3	PT-1	PT-1	ACT1	8'-0"	
115	CLASSROOM	VCT-1	RB-1	PT-1	PT-2	PT-1	PT-1	ACT1	8'-0"	
116	CLASSROOM	VCT-1	RB-1	PT-1	PT-2	PT-1	PT-1	ACT1	8'-0"	
117	MEN	EP-2	-	PT-1	PT-1	PT-1	PT-1	GYP1	8'-0"	SEE ELEVATION FOR SHOWER WALL EPOXY DETAILS 7' HEIGHT
118	MECH	SCONC	-	PT-1	PT-1	PT-1	PT-1	EXP	10'-0 1/2"	
119	WOMEN	EP-2	-	PT-1	PT-1	PT-1	PT-1	GYP1	8'-0"	SEE ELEVATION FOR SHOWER WALL EPOXY DETAILS 7' HEIGHT
120	KITCHEN	FRP	-	FRP	FRP	FRP	FRP	ACT2	8'-0"	
121	OFFICE	CRPT-1	RB-1	PT-1	PT-1	PT-3	PT-1	ACT1	8'-0"	
122	OFFICE	CRPT-1	RB-1	PT-1	PT-1	PT-3	PT-1	ACT1	8'-0"	
123	OFFICE	CRPT-1	RB-1	PT-1	PT-3	PT-1	PT-1	ACT1	8'-0"	

SYMBOL	DESCRIPTION	MANUFACTURER	STYLE	MODEL #	COLOR	SIZE	FINISH	REMARKS
ACT-1	ACOUSTIC CEILING TILE	ARMSTRONG	1912TEMP	-	WHITE	24" X 48"	-	FOR GENERAL AREAS
ACT-2	ACOUSTIC CEILING TILE	ARMSTRONG	1959	-	WHITE	24" X 48"	-	KITCHEN
GYP-1	GYPSUM BOARD	USG	-	-	WHITE	-	-	BATHROOMS
PT-1	PAINT	PPG	-	PPG1036-1	GRAY GLIMPSE	-	SEMI-GLOSS	ALL OVER USE
PT-2	PAINT	PPG	-	PPG1012-5	STEEPLE GRAY	-	SEMI-GLOSS	ACCENT PAINT FOR GENERAL USE
PT-3	PAINT	PPG	-	PPG1162-7	DRAGONFLY	-	SEMI-GLOSS	ACCENT PAINT FOR OFFICE
CRPT-1	CARPET TILE	BENTLEY	LONG STORY SHORT	401033	LAMPOON	18" X 36"	-	FOR OFFICE MONOLITHIC LAY PATTERN
EP-1	EPOXY	LIQUID ELEMENTS	SMOOTH-DUO	-	HALIFAX RAIN	-	MATTE	FOR LOBBY FLOOR
EP-2	EPOXY	LIQUID ELEMENTS	POLISHED	-	RAW CONCRETE	-	-	FOR KITCHEN AND BATHROOM FLOORS
RB-1	RUBBER BASE	JOHNSONITE BY TARKETT	TRADITIONAL	DC-40	BLACK B	6"	-	FOR ALL AREAS
ST	STAIN	-	-	-	-	-	-	WOOD DOORS
VCT-1	VINYL COMPOSITION TILE	TARKETT	VCT II	480	PURE WHITE	12" X 12"	-	FOR CLASSROOMS
SCOC	SEALED CONCRETE	-	-	-	-	-	-	FOR ALL OTHER AREAS
FRP-1	FIBERGLASS REINFORCED PANEL	ALTRQ	PURAGUARD	W140/400	SEA SALT	4'X10'	GLOSS	FOR KITCHEN WALLS, SEE ELEVATIONS
AWP-1	ALUMINUM COMPOSITE WALL PANEL	LIQUID ELEMENTS	CUSTOM WALL PANEL	-	HALIFAX RAIN	4'X8'	MATTE	ALUMINUM COMPOSITE WALL PANEL WITH RESINOUS WALL COATING

**St. Clair Readiness Center Material Design Board**



PROFESSIONAL SEAL



OFFICE OF ADMINISTRATION  
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DEPARTMENT OF  
MISSOURI NATIONAL  
GUARD

ST. CLAIR READINESS  
CENTER

375 COMMERCIAL AVE.  
ST. CLAIR, MO 63077

PROJECT # T2326-01  
SITE # 6304  
FACILITY # 8136304011

REV.	DESCRIPTION	DATE
A	SD	12/06/2023
B	DD	02/16/2024
C	IFB	04/23/2024
D	IFB	08/29/2024

ISSUE DATE: 2024.08.29

CAD DWG FILE:  
DRAWN BY: AM  
CHECKED BY: BH  
DESIGNED BY: JB

SHEET TITLE:  
**INTERIOR FINISH  
SCHEDULE AND  
LEGEND**

SHEET NUMBER:

**A800**





OFFICE OF ADMINISTRATION  
DIVISION OF FACILITIES  
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375 COMMERCIAL AVE.  
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PROJECT # T2326-01  
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REV.	DESCRIPTION	DATE
A	SD	12/06/2023
B	DD	02/16/2024
C	IFB	04/23/2024
D	IFB	09/03/2024

ISSUE DATE: 2024.04.23

CAD DWG FILE: MDC  
DRAWN BY: MDC  
CHECKED BY: MDC  
DESIGNED BY: MDC

SHEET TITLE:  
FLOOR PLAN

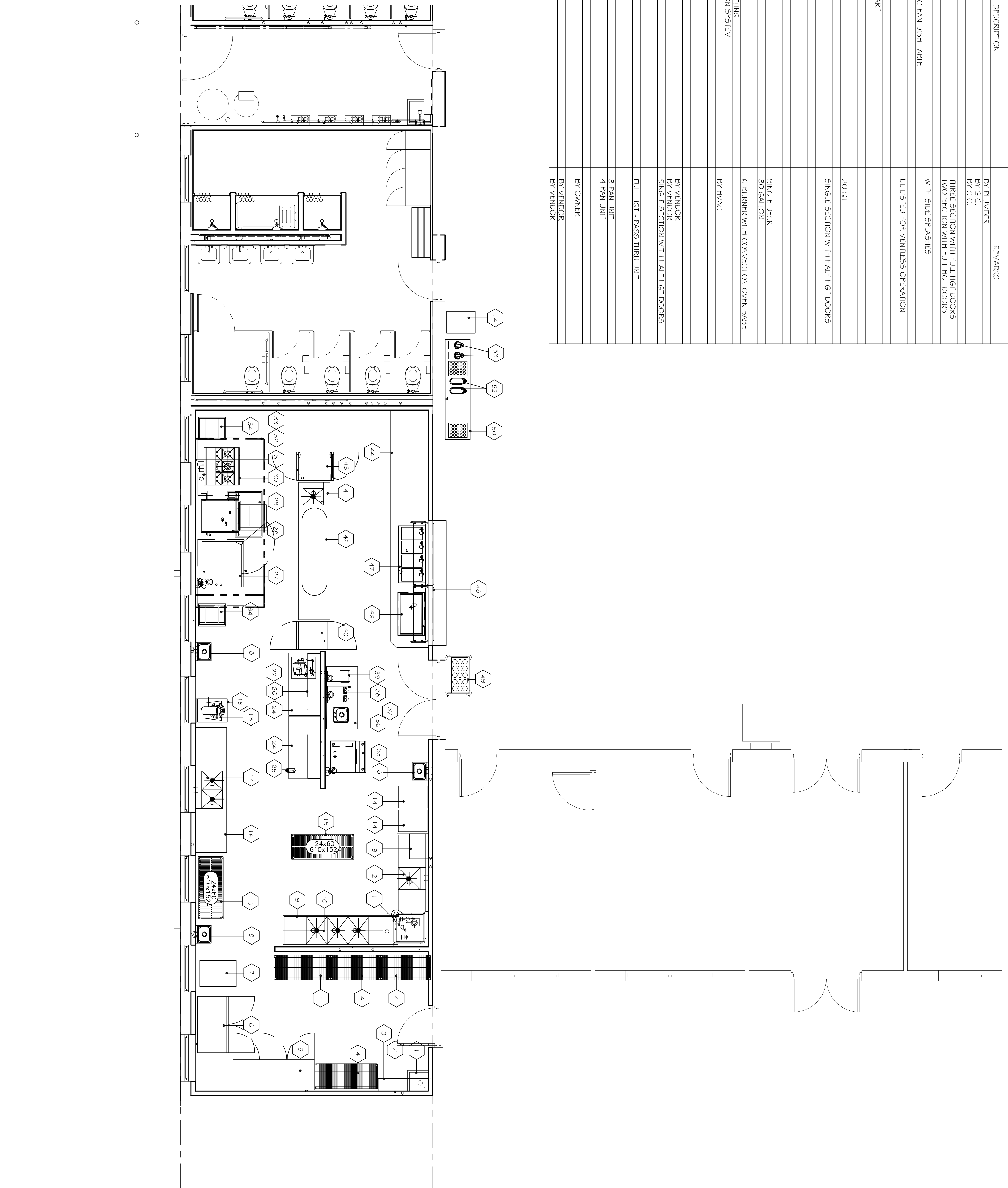
SHEET NUMBER:

**Q-FP-01**

1 OF 8 SHEETS  
2024.04.23

ITEM NO.	QTY.	DESCRIPTION	REMARKS
1	1	MOP SINK	BY PLUMBER
2	1	MOP SINK	BY G.C.
3	1	1/4" SINK	BY G.C.
4	1	STORAGE SHELVING	THREE SECTION WITH FULL HGT DOORS
5	1	REFRIGERATOR	TWO SECTION WITH FULL HGT DOORS
6	1	REFRIGERATOR	WITH SIDE SPLASHES
7	1	CAN RACK	
8	3	HAND SINKS	
9	1	THREE COMPARTMENT SINK/CLEAN DISH TABLE	
10	1	DOUBLE OVER SHELF	UL LISTED FOR VENTLESS OPERATION
11	1	SUPPLY CABINET	
12	1	SUPPLY CABINET	
13	1	RACK SHELF	
14	3	SOILED DISH TRANSPORT CART	
15	2	POT AND PAN RACKS	
16	1	PREP TABLE	
17	1	WALL SHELF	20 QT
18	1	MIXER	
19	1	PORTABLE MIXER STAND	
20	0	SFAFE NUMBER	SINGLE SECTION WITH HALF HGT DOORS
21	0	SFAFE NUMBER	
22	1	SLICER	
23	0	SFAFE NUMBER	
24	2	WORK TABLES	
25	1	CAN OPENER	
26	1	WALL SHELF	SINGLE DECK
27	1	COMBI OVEN	30 GALLON
28	1	BRASSING PAN	
29	1	RATCH DRAIN	
30	1	STAINLESS STEEL WALL PANELING	6 BURNER WITH CONNECTION OVEN BASE
31	1	HOOD WITH FIRE PROTECTION SYSTEM	
32	1	PHCET AND FAN	BY HVAC
33	2	RACK	
34	2	CAF MACHINE	
35	1	BEVERAGE COUNTER	
36	1	BEVERAGE COUNTER	BY VENDOR
37	1	DROP IN DUMP SINK	BY VENDOR
38	1	FOOT WALKER	BY VENDOR
39	1	FOOT WALKER	BY VENDOR
40	1	PASS THRU REFRIGERATOR	SINGLE SECTION WITH HALF HGT DOORS
41	1	WORK TABLE WITH SINK	
42	1	HANGING UTENSIL RACK	
43	1	HOT HOLDING CABINET	FULL HGT - PASS THRU UNIT
44	1	SERVING COUNTER	
45	0	SFAFE NUMBER	
46	1	DROP IN GOLD PAN	3 PAN UNIT
47	1	PROTECTIVE COVER	4 PAN UNIT
48	1	TRAY AND SILVER CART	
49	1	BEVERAGE TABLE	BY OWNER
50	0	SFAFE NUMBER	
51	0	SFAFE NUMBER	BY VENDOR
52	2	TEA DISPENSERS	BY VENDOR
53	2	COFFEE DISPENSERS	BY VENDOR

EQUIPMENT SCHEDULE





STATE OF MISSOURI  
 OFFICE OF ADMINISTRATION  
 DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION  
**PRODUCT SUBSTITUTION REQUEST**

PROJECT NUMBER  
 T2326-01

PROJECT TITLE AND LOCATION  
 ST. CLAIR READINESS CENTER ST. CLAIR, MO

CHECK APPROPRIATE BOX  
 **SUBSTITUTION PRIOR TO BID OPENING**  
 (Minimum of (5) working days prior to receipt of Bids as per Article 4 – Instructions to Bidders)  
 **SUBSTITUTION FOLLOWING AWARD**  
 (Maximum of (20) working days from Notice to Proceed as per Article 3 – General Conditions)

FROM: BIDDER/CONTRACTOR (PRINT COMPANY NAME)  
 WAREHOUSE DESIGN & SERVICES INC -- DENNIS FORD  
 TO: ARCHITECT/ENGINEER (PRINT COMPANY NAME)  
 VESTAL CORP

Bidder/Contractor hereby requests acceptance of the following product or systems as a substitution in accordance with provisions of Division One of the Bidding Documents:

SPECIFIED PRODUCT OR SYSTEM  
 PLASTIC TOILET COMPARTMENTS  
 SPECIFICATION SECTION NO.  
 102113.19

SUPPORTING DATA  
 Product data for proposed substitution is attached (include description of product, standards, performance, and test data)  
 Sample  Sample will be sent, if requested

QUALITY COMPARISON		
	SPECIFIED PRODUCT	SUBSTITUTION REQUEST
NAME, BRAND	BRADLEY CORPORATION	SCRANTON PRODUCTS
CATALOG NO.		
MANUFACTURER		
VENDOR		

PREVIOUS INSTALLATIONS		
PROJECT	ARCHITECT/ENGINEER	DATE INSTALLED
LOCATION		

**SIGNIFICANT VARIATIONS FROM SPECIFIED PRODUCT**  
 NONE  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**REASON FOR SUBSTITUTION**

PART 2 - PRODUCTS 2.1 PERFORMANCE REQUIREMENTS A. Fire Performance: Tested in accordance with, and pass the acceptance criteria of, NFPA 286.

BRADLEY DOES NOT MAKE HDPE MATERIAL RATED TO NFPA 286, IN FACT, NOTHING HIGHER THAN CLASS C.

SCRANTON PRODUCTS DOES MAKE HDPE MATERIAL THAT MEETS NFPA 286 AND WILL MEET ALL OF THE OTHER ASPECTS OF THE SPECIFICATIONS.

**DOES PROPOSED SUBSTITUTION AFFECT OTHER PARTS OF WORK?**

YES  NO

IF YES, EXPLAIN

**SUBSTITUTION REQUIRES DIMENSIONAL REVISION OR REDESIGN OF STRUCTURE OR A/E WORK**

YES  NO

**BIDDER'S/CONTRACTOR'S STATEMENT OF CONFORMANCE OF PROPOSED SUBSTITUTION TO CONTRACT REQUIREMENT:**

We have investigated the proposed substitution. We believe that it is equal or superior in all respects to specified product, except as stated above; that it will provide the same Warranty as specified product; that we have included complete implications of the substitution; that we will pay redesign and other costs caused by the substitution which subsequently become apparent; and that we will pay costs to modify other parts of the Work as may be needed, to make all parts of the Work complete and functioning as a result of the substitution.

BIDDER/CONTRACTOR

WAREHOUSE DESIGN AND SERVICES INC.

DATE

9/3/2024

**REVIEW AND ACTION**

Resubmit Substitution Request with the following additional information:

Substitution is accepted.

Substitution is accepted with the following comments:

Substitution is not accepted.

ARCHITECT/ENGINEER

**BRIAN HERTZ**




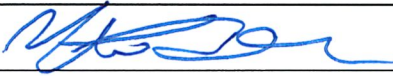
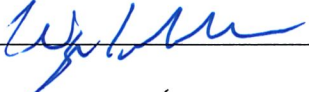
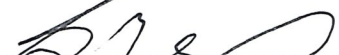
DATE

**09/03/2024**



**Pre-Bid Meeting Attendance Sheet  
St. Clair Readiness Center  
Renovate Interior & Exterior  
St. Clair, Missouri**

**Project No. T2326-01  
August 21, 2024 1:30PM**

Name & Title	Company Name & Type of Contracting	MBE/WBE/SDVE Status	Phone	E-Mail Address of Attendee & E-Mail Address of Individual filling out Bid Documents
Fred L. Decker Jr. Project Manager	OA-FMDC		573-751-8521	<a href="mailto:fred.decker@oa.mo.gov">fred.decker@oa.mo.gov</a> 
Ali Badran Project Manager	Vestal Corp.			<a href="mailto:AliBadran@vestalcorporation.com">AliBadran@vestalcorporation.com</a> 
Alan Berendzen	MOARNG		573-694-9226	<a href="mailto:alan.s.berendzen.nfg@army.mil">alan.s.berendzen.nfg@army.mil</a> 
Vince D. Bloom PMP Project Director	Vestal Corp.		314-439-9900	<a href="mailto:VinceBloom@VestalCorporation.com">VinceBloom@VestalCorporation.com</a> 
Wayne Martin	A. Eilers Construction General Contractor		636-290-2668	<a href="mailto:Wayne@weilersconstruction.com">Wayne@weilersconstruction.com</a> 
SSA Sarah Mitchell	1175th MP Co MOARNG		636-393-9720	<a href="mailto:sarah.j.mitchell42.mit@army.mil">sarah.j.mitchell42.mit@army.mil</a> 

**Pre-Bid Meeting Attendance Sheet  
St. Clair Readiness Center  
Renovate Interior & Exterior  
St. Clair, Missouri**

**Project No. T2326-01  
August 21, 2024 1:30PM**

Name & Title	Company Name Type of Contracting	MBE/WBE/ SDVE Status	Phone	E-Mail Address of Attendee and E-Mail Address of Individual filling out Bid Documents
Caleb Winder PM	Western Specialty Contractors Roofing		314 308 5016	CalebW@WesternGroup.com
Holly Plummer (Estimator)	Wright Construction (GC)	N/A	636-220- 6850	bids@wrightconstruct.com
Brian Heuer Project Manager	PayneCrest Electric		314-562- 8994	bheuer@paynecrest.com
Matthew Hodges Plumbing Superintendent	The Waldinger Corp.		636-359 7284	Matthew.Hodges@waldinger.com
Michael Tuttle Sr. Chief Operations Officer	Spray Services Inc. Asbestos, Lead, Mold Remediation	WBE	636 239 0404	mistytuttle@gmail.com
Rusty Allen PM	ARSI Inc. Asbestos Abatement	SDVE	(573)896-0222	rustyallen@arsi-mo.com



Pre-Bid Meeting Attendance Sheet  
 St. Clair Readiness Center  
 Renovate Interior & Exterior  
 St. Clair, Missouri

Project No. T2326-01  
 August 21, 2024 1:30PM

Name & Title	Company Name Type of Contracting	MBE/WBE/ SDVE Status	Phone	E-Mail Address of Attendee and E-Mail Address of Individual filling out Bid Documents
Terry Tobias	Brown and Root GC	N/A	573 256-0509	terry.tobias@brownandroot.com
Colt McNew	McNew Electric - Rolla Mo	N/A	573-453 5102	Bretts@mcnewelectric.com
Matt Fifer	Weathercraft Inc	WBE	573-635 0141	mf@wcraft.com
Jason Wood	Lexicon Construction	N/A	636-699 7411	jwood@lexiconconstruction.com
Roy Jennings	Missouri Builders Services	<del>WBE</del> N/A	314- 568 2710	rjennings@missouribuilders.net
Travis Russell	Bi-State Roof System	N/A	(636) 225-3050	trassell@bistateroof.com

**Pre-Bid Meeting Attendance Sheet  
St. Clair Readiness Center  
Renovate Interior & Exterior  
St. Clair, Missouri**

**Project No. T2326-01  
August 21, 2024 1:30PM**

Name & Title	Company Name Type of Contracting	MBE/WBE/ SDVE Status	Phone	E-Mail Address of Attendee and E-Mail Address of Individual filling out Bid Documents
CHRIS SCHULZ PROJECT MANAGER	MEINERSHAGEN ROOFING & SM		573-756-5000	chris@meinershagenroof.com
Jason Petty VP	BuildTec Construction GC/sub Concrete Demo	WBE	573-434-2482	jpetty@buildteccom.com
MIKE RIEHL EST.	RAINER CONST GC	WBE	314-667-5913	mriehl@rainericonstruction.com
Tate Lietzau-Mours P.M.	Brockmiller Construction G.C.		573-454-5638	bid@brockmillerconstruction.com
Pat McElhann President	Lakeside Roofing		618 344 2800	pat@lakesideroofing.com
Sammy Auxier VP	Alexander Construction	WBE	573-263-0857	sammy@alexander-construction.com
CHRIS FORD	ALEXANDER CONST.	WBE	573-263-1111	CHRIS@ALEXANDER-CONSTRUCTION.COM