



# Addendum Number One (1)

to the Construction Documents for

## **New Baseball Stadium Athletic Complex Facility – Phase 2 Louisiana State University Eunice Eunice, LA**

**State of Louisiana  
Office of Facility Planning and Control  
Project No.: 19-605-22-02, F.19002637  
Site Code: 4-01-006**

**Issue Date:** April 10, 2026

This Addendum modifies the Contract Documents as originally issued, and shall become a part of the Contract Documents, as if originally included therein. Receipt and acknowledgement of this Addendum shall be noted on the Bid Form. Failure to do so shall result in disqualification of the Contractor's Bid.

### **GENERAL CLARIFICATIONS**

1. The Meeting Minutes and Sign-In sheet from the Pre-Bid Meeting are attached.
2. Refer to the Instructions to Bidders on how to submit bids.
3. The existing temporary construction drive shall be utilized during construction of Phase 2 to avoid wear and tear of existing driveways and parking lots. The temporary drive and culvert shall be removed at the completion of Phase 2 work.
  - a. At the beginning of Phase 2, contractor shall re-grade approximately 630ft of ditch from the temporary drive culvert invert to the sloped inlet next to the entrance drive due east to improve drainage. The ditch should have a 2ft wide bottom ditch.
  - b. At the completion of Phase 2, temporary drive and culvert shall be removed and contractor shall clean and regrade the area surrounding the temporary drive. Hydroseed/sod as necessary to dress up the area to match adjacent grass.
4. Full size locker mockup/sample shall be required on site for approval prior to fabrication of entire locker order.
5. On the athletic lockers in the Home Dressing Room 113 and Coaches Lockers 108, the magnetic nameplate graphics shall be part of the signage supplier's scope.
6. Manual roller shades shall be provided at all exterior windows in the following spaces, specifications have been added in this addenda:
  - a. Team Lobby 100, Offices 104, 105, 106, 107, Meeting Room 124, Meeting Room 200



7. First floor FFE shall be 46.13' and shall match the existing FFE of the restroom and shell buildings. See the attached survey sheet for established benchmarks used. **Survey sheet 1 is being issued for reference only.**
8. GC shall provide and install Trackman V3 Game Tracker Device on face of pressbox centered on wall facing the field directly above the pressbox windows. Refer to electrical for requirements.
9. TV wall mounts will be by GC, TVs to be provided by Owner but installed by Contractor.
10. Plumbing General Clarification: Contractor shall protect the existing underground domestic water and sewer lines that are to remain that are serving the public restrooms and dugout restrooms during construction as the new building will be built on top of these existing lines.
11. Electrical General Clarifications:
  - a. Contractor shall provide UPS (APC BN1350M2 or approved equivalent) for scoreboard controller in press box. UPS location shall be in approximate area indicated by keynote #2 on the attached sheet E3.02
  - b. Stadium sound system rack is located in the south-west corner of the press box. Refer to the attached sheet E3.02 keynote #3 for location of receptacles dedicated to sound rack. Verify final exact location with Architect in field prior to rough-in.

#### **RFI**

12. Regarding the "K" pin-mounted dimensional letters, could you confirm the required height? We didn't see that specific detail called out in the specs.
  - a. Dimensional letters above the pre-engineered aluminum canopy shall be 12" tall
13. There are no dimensions listed for the Lockers. Please advise on desired H x W x D for the standard and ADA Lockers.
  - a. Standard lockers shall be 96"H x 30"W x 24"D(base) x 16"D (upper) + 12" tall magnetic name plate panel
  - b. ADA lockers shall be 96"H x 42"W x 24"D(base) x 16"D (upper) + 12" tall magnetic name plate panel
  - c. Locker with name plate panel shall have a total height of 108".
  - d. Umpire lockers do not need the name plate panel. These lockers shall be 96"H.
  - e. Mortise and Tenon construction is an acceptable method.
14. Please confirm if coaches and official lockers also include a drawer (not noted like player lockers) and if so, note that the drawers won't open at same time for 2 coaches lockers situated in corner (2/A2.21). Please confirm this will be acceptable.
  - a. Pull out drawers have been changed to lift up seats for under seat storage. See revised details
15. Custom 6" x locker width magnetic name plate with graphic -see 8/A801 for detail-please confirm if top panel is needed above locker for logo/nameplate or if that is actual nameplate shown/by others.
  - a. Magnetic nameplate shall be provided by signage subcontractor. To be designed during shop drawing process
16. The current Phenolic Locker Spec calls for material thicknesses that are not possible in Phenolic. Please see attached and let me know if our recommended thicknesses will be acceptable.
  - a. Specifications on phenolic thickness shall be amended as follows:
  - b. Locker Body: Fabricated from phenolic-core panels covered on all sides.

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- i. Side/Back Panels: 3/8" Thick
  - ii. Top/Bottom Panels: 3/8" Thick
  - iii. Shelves: 1/2" Thick
- 17. Which profile and carrier option is to be provided for the Basis of Design HeartFelt ceilings in the Home Dressing Room 113 and Meeting Room 124?
  - a. Basis of Design is the HeartFelt Linear – 40HL55 with 60mm panel spacing at both rooms.
- 18. Will audio-visual drawings, including one-line schematics be released for this job?
  - a. No. The audio equipment is shown on the current drawings. The system design is performance based and shall be equivalent to the system outlined in the project specifications. The successful contractor shall provide in submittals their own system's wiring diagram and AV drawings.
- 19. Are all of the stair treads and risers precast?
  - a. Yes, the tread/riser shall be one precast piece as per detail 13/A2.41
- 20. Are downspout boots required?
  - a. Yes. Prefinished cast iron boots are required to subsurface drainage.
- 21. Is quartz 2cm or 3cm? Can the edge be slab edge or does it need to be 1-1/2" mitered edge?
  - a. quartz shall be 2cm with 1-1/2" mitered edge where shown/detailed
- 22. Rooms 200 and 208 are not captured in the finish schedule on A3.01. Please specify finishes.
  - a. Rooms 200 and 208 finishes shall match Club Area 202.
- 23. Mudroom 110 has floor finish labeled as "rubber base" on A3.01. Please clarify.
  - a. Mudroom 110 and Home Dressing Room 113 floor finish RB-1 shall be changed to RF-1
- 24. Are appliances in the suites in the G.C.'s contract? Please provide specs on these items.
  - a. Undercounter ice maker and refrigerators in the suites and press box are by GC. Specification has been added as part of this addenda.
  - b. Refrigerator in Supply is by Owner.

## **CLARIFICATIONS / REVISIONS TO THE DRAWINGS**

### **Civil:**

- 25. C1.01 – added existing adjacent pavement elevations and building FFE of 46.13'.
  - a. Added site drainage plan west and plan south of the existing Practice Building
- 26. C2.01 – added 4" rolled curb to edge of circle drive
- 27. C2.02 – added 4" rolled curb to edge of circle drive as well as notes
- 28. C2.03 – sheet added detailing the site drainage noted above
- 29. C2.04 – sheet added showing drainage work to the existing drainage ditch off the main highway.
  - a. Refer to General Clarification note 3, 3a, 3b above.
- 30. C3.01 – added rolled curb detail to sheet

### **Architectural:**

- 31. AD1.01 – the (2) 5'-0"x 5'-0" spread footings for the Entry Gate Post Pilasters are to be removed



32. A1.10 – Sheet added to show Site Diagram for temporary fencing, Contractor parking and lay-down.
33. A2.21 – ADA Back Bench by Locker Supplier shall be solid surface seat and back with metal frame/legs. Provide (4) total. One in Umpire Dress 127, one in Coaches Lockers 108, and two in Home Dressing Room. Basis of Design for benches is **Hollman Hilo ADA Bench**.
34. A2.21/A3.01 – Door 112.1 into Laundry 112 shall be changed to 4'-0" wide.
35. A2.21 – In Laundry 112, the (5) double door cabinets shall be millwork. 3'-0"W x 8'-0"H x 2'-0"D plastic laminate cabinet with adjustable shelves. Match detailing of millwork shown on A8.11.
36. A8.01 – Revised athletic locker elevations and notes (details 1, 2, 4, 8, 9).
37. A9.01 – Stadium sound speakers shown are not applicable. Refer to Electrical drawings for stadium sound system requirements and locations

**Plumbing:**

38. P1.01 – Sheet has been added showing extent of gas line
39. P2.21 – Sheet has been revised showing gas line extension and connection to the Team Clubhouse
40. P2.24 – Sheet has been revised showing gas line extension and connection to the Commissary/Kitchen

**Mechanical:**

41. M2.21 – Sheet has been revised to modify ductwork and rough-ins for Commissary/Kitchen
42. M3.21 – Sheet has been revised to modify HVAC piping for Commissary/Kitchen

**Electrical:**

43. E1.00 – Sheet is reissued showing location of service feed.
44. E3.01 – Sheet is reissued with clarifications
45. E3.02 – Sheet is reissued with clarifications
46. E4.01 – Sheet is reissued with revisions to Commissary/Kitchen HVAC power
47. E5.00 – Sheet is reissued with revisions and clarifications
48. E5.01 – Sheet is reissued with revisions and clarifications
49. E5.02 – Sheet is reissued with revisions and clarifications

**CLARIFICATIONS / REVISIONS TO THE SPECIFICATIONS**

50. Section 11 68 36 – Tie-Back Netting, this spec section shall be replaced with the attached **section 11 68 33 – Athletic Field Equipment**. The existing tie-back netting system is a Beacon Athletic product.



**ADDENDUM DRAWING SHEET INDEX:**

*The following sheets shall be replaced in their entirety or added if not previously issued*

CIVIL  
C1.01, C2.01, C2.02, C2.03 (add), C2.04 (add), C3.01

ARCHITECTURAL  
A1.10, A8.01

PLUMBING  
P1.01(add), P2.21, P2.24

MECHANICAL  
M2.21, M3.21

ELECTRICAL  
E1.00, E3.01, E3.02, E4.01, E5.00, E5.01, E5.02

**ADDENDUM SPECIFICATION INDEX:**

*The following specification sections shall be replaced in their entirety or added if not previously issued*

11 30 00            Appliances  
11 68 33            Athletic Field Equipment  
12 20 00            Window Treatments

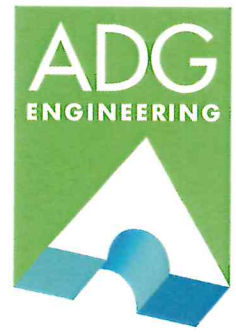
**PRIOR APPROVALS:**

Note: Acceptance of a particular manufacturer does not excuse that manufacturer from meeting the plans and specification. Compliance with specifications is the responsibility of the prior approval manufacturer. Neither the full effects of using them nor the compatibility with the entire project have been evaluated. Any required changes or modifications to the project resulting from substitution(s) will be the responsibility of the contractor.

<b>Division</b>	<b>Item</b>	<b>Manufacturer</b>	<b>Product Description</b>
04 72 00	Architectural Cast Stone	BASSCO Cast Stone	Architectural Cast Stone
07 27 26	Fluid Applied Membrane	SOPREMA	Sopraseal LM 204 VP
07 27 26	Fluid Applied Membrane	Henry (Carlisle)	Air-Bloc 17MR
08 16 13	FRP Doors	Special-Lite	AF100
10 51 33	Phenolic-Core Lockers	LockersMFGs	Phenolic Locker Series
10 73 00	Extruded Alum Walkway Covers	Allstate Canopies, LLC	Premanufactured Awnings
10 73 00	Extruded Alum Walkway Covers	East Texas Canopy	Premanufactured Awnings
22 00 00	Sinks	ACORN	Sinks
22 00 00	Shower Valves	ACORN	Shower Valves
22 00 00	Hot Water Circulating Pump	Taco	Hot Water Circulating Pump
23 00 00	Decentralized HVAC Equipment	Samsung	Decentralized HVAC Equipment
23 00 00	100% Dedicated OA Systems	Samsung	100% Dedicated OA Systems

**Corporate Office**

3909 West Congress Street, Suite 201  
Lafayette, LA 70506  
P: 337.234.5710 | F: 337.265.2864  
adginc.org | adginc@adginc.org



April 9, 2026

Michael Olivier  
RHH Architects, APAC  
200 Government St, Ste 100  
Baton Rouge, LA 70802

RE: LSUE New Baseball Stadium Athletic Facility Phase 2  
MEP Addendum  
ADG #25166

Dear Michael:

Please include the following mechanical, plumbing and electrical items in your next addendum:

**PLUMBING ITEMS:**

1. Ref Drawing P1.01 (attached):
  - a. Sheet shall be included as part of the construction documents.
2. Ref Drawing P2.21R1 (attached):
  - a. Replace previously issued sheet P2.21 in its entirety with the attached P2.21R1.
3. Ref Drawing P2.24R1 (attached):
  - a. Replace previously issued sheet P2.24 in its entirety with the attached P2.24R1.
4. General/Clarifications:
  - a. Contractor shall protect the existing underground domestic water and sewer lines that are to remain that are serving the public restrooms and dugout restrooms during construction as the new building will be built on top of these existing lines.
5. Prior Approvals: Subject to compliance with the provisions of the Contract Documents, Specifications, the following manufacturers may be substituted.

<u>MANUFACTURER</u>	<u>PRODUCT</u>
ACORN	Sinks
ACORN	Shower Valve
Taco	Hot Water Circulating Pump

- Trey Alexander, PE
- Benjamin Aycock
- Mark A. Aymond, PE
- Paulette Benoit
- John Boulet
- Eric Brignac, PE
- Craig Campbell, PE
- Rob Campbell, EI
- Emily Carbo
- Logan Chaney
- Camren Christie
- Spencer Comeaux, EI
- Joey Cradeur
- Sonya Degetaire
- R.J. Dunn, PE
- Trey Gallet
- Carl Greene
- Shane Hernandez, PE
- Grant Hollier, LC
- Rick LeBlanc
- Roland LeLeux, HFDP
- Connor Martin, EI
- Jase McGough, PE
- Elise Mire, EI
- Paul Montgomery
- Mark Neely
- Drew Nevers
- Patrick Pierrotte
- Dale Primeaux
- Andrew Rodriguez
- David Stelly, PE
- Kyle Suire, EI
- Spence Suire
- Ben Tauzin, PE
- Eric Thompson
- Tom VanDeventer
- Matthew Viator, PE
- Grant Wallis
- Robert Wiese

Contractor shall note that prior approval is by manufacturer's name only. Contractor shall ensure that the products used in preparation of his proposal and proposed to be used on this project is equivalent to that specified in appearance, performance, size, installation type, and shape. Any material found to not be equivalent to that specified will be rejected. Prior approval of one manufacturer does not automatically prior approve any subsidiary company, parent company and/or sister company and their associated products.

**MECHANICAL ITEMS:**

1. Ref Drawing M2.21R1 (attached):
  - a. Replace previously issued sheet M2.21 in its entirety with the attached M2.21R1.
2. Ref Drawing M3.21R1 (attached):
  - a. Replace previously issued sheet M3.21 in its entirety with the attached M3.21R1.
3. Prior Approvals: Subject to compliance with the provisions of the Contract Documents, Specifications, the following manufacturers may be substituted.

<u>MANUFACTURER</u>	<u>PRODUCT</u>
Samsung	Decentralized HVAC Equipment
Samsung	100% Dedicated Outside Air Systems

Contractor shall note that prior approval is by manufacturer's name only. Contractor shall ensure that the products used in preparation of his proposal and proposed to be used on this project is equivalent to that specified in appearance, performance, size, installation type, and shape. Any material found to not be equivalent to that specified will be rejected. Prior approval of one manufacturer does not automatically prior approve any subsidiary company, parent company and/or sister company and their associated products.

**ELECTRICAL ITEMS:**

1. Ref Drawing E1.00R1 (attached):
  - a. Replace previously issued sheet E1.00 in its entirety with the attached E1.00R1.
2. Ref Drawing E3.01R1 (attached):
  - a. Replace previously issued sheet E3.01 in its entirety with the attached E3.01R1.
3. Ref Drawing E3.02R1 (attached):
  - a. Replace previously issued sheet E3.02 in its entirety with the attached E3.02R1.
4. Ref Drawing E4.01R1 (attached):
  - a. Replace previously issued sheet E4.01 in its entirety with the attached E4.01R1.
5. Ref Drawing E5.00R1 (attached):
  - a. Replace previously issued sheet E5.00 in its entirety with the attached E5.00R1.
6. Ref Drawing E5.01R1 (attached):
  - a. Replace previously issued sheet E5.01 in its entirety with the attached E5.01R1.

7. Ref Drawing E5.02R1 (attached):

- a. Replace previously issued sheet E5.02 in its entirety with the attached E5.02R1.

8. General/Clarifications:

- a. Contractor shall provide UPS (APC BN1350M2 or approved equivalent) for scoreboard controller in press box. UPS location shall be in approximate area indicated by keynote #2 on sheet E3.02R1.
- b. Stadium sound system rack is located in the south-west corner of press box. Refer to sheet E3.02R1 keynote #3 for location of receptacles dedicated to sound rack. Verify final exact location with architect prior to rough-in.

If you have any questions, please contact our office.

Thanks,



Connor J Martin, EI  
Electrical Project Manager  
ADG Engineering



## PRE-BID MEETING AGENDA

**PROJECT:** New Baseball Stadium Athletic Complex Facility – Phase 2  
Louisiana State University Eunice  
Eunice, LA

State of Louisiana  
Office of Facility Planning and Control  
Project No.: 19-605-22-02, F.19002637  
Site Code: 4-01-006

**NUMBER:** 25-72-25

**DATE:** April 7, 2026 11:00 am.

**LOCATION:** LSU-Eunice Mumphrey Center Conference Room 126

### **INTRODUCTION**

1. Name of Project, Non-Mandatory Pre-Bid
2. Introduction of Owner/Project Team
  - a. LSU Eunice
    - i. Jeff Willis, Melonie Ceaser, Kerry Fontenot
  - b. FP&C
    - i. Joseph Young
  - c. Design Team
    - i. Mike Olivier (RHH), Jason Hargrave (RHH), Glen Landry (Fox-Nesbit), Dale Primeaux (ADG), Connor Martin (ADG), Stephen Cormier (Sellers)

### **RFI, PRIOR APPROVALS, ADDENDA, BIDS**

3. Bid Opening scheduled for **Wednesday, April 22, 2026, 2:00 pm.**
  - a. **Deadline for RFIs/Prior Approvals (April 15, 2:00 pm)**
  - b. **Addenda (April 17, 2:00 pm)**
  - c. **Addenda 1 is expected to be issued on CenterlineBidConnect.com by Thursday April 9, 2026.**
4. Project Budget is **\$6,000,000 to \$7,000,000.**

**RHH ARCHITECTS, APAC**

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5. **Nature of Bid Documents:** Construction of a new stadium building to be built at the site of the recently completed Phase 1 baseball stadium. This building will house the team clubhouse along the third base line wing. The first base line wing will house the Concessions, meeting room and umpire spaces. The second floor will house premium seating areas, press box and restrooms. The two existing buildings at the stadium entry will be utilized as part of the Phase 2 building.
  - a. **Incumbent on Bidders:**
    - i. physically/visually familiarize themselves with site
    - ii. scope of work at the building

#### **BASE BID SCOPE**

6. Demolition of existing components of restroom building and team store shell building. Demolition/removal of existing metal picket fencing. Selective demolition of existing concrete paving as required to install new components.
7. Removal and reinstallation of brick unit pavers at entry plaza as required for Phase 2 construction.
8. Relocation of tie-back netting supports. Coordination with baseball season and practice schedules is critical.
9. Rework of seating layout on upper level of grandstand.
10. New gas line and fire water service to be installed.
11. Tie-in to existing storm water, domestic water and sanitary sewer lines.
12. Coordination with Owner's kitchen equipment contractor for Commissary/Kitchen build-out.
13. Materials of stadium building structural steel construction on concrete drilled shaft foundations and concrete slab on grade, brick veneer, cast stone wall accents, portland cement stucco walls and soffits, composite metal wall panel system, SBS and standing seam metal roofing, glazed aluminum storefront, FRP doors and frames, hollow metal doors and frames, wood veneer doors, suspended acoustical tile ceilings, gypsum board wall and ceiling systems, tile/rubber/carpet/LVT flooring, Athletic lockers, architectural building signage.

#### **ALTERNATE SCOPE**

14. Two alternates on the job.
  - a. One is to provide two brick columns flanking the existing video board in Left Field.
  - b. The second alternate is to provide fixed field level bar stools to match existing.

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### **CONTRACT TIME**

15. Construction time for the project is **420 days**
16. The 2026 Baseball season will be complete by June 1<sup>st</sup>, 2026. The anticipated start of the 2027 Baseball season is the last weekend of January 2027. The team will report on January 10, 2027 for practice.
17. The Design Team encourages electronic submittals and shop drawings and requests that the awarded bidder begin the submittal process immediately upon receipt of contract to begin material procurement.
18. It is the intention to have the field and facilities fully operational during construction. Phasing of construction work should be coordinated with the college and the scheduled use of the baseball stadium.

### **CONTENTS**

19. LSUE will remove any materials that need to be salvaged prior to demolition. This will be reviewed again during the Pre-Construction meeting.

### **SITE VISITS**

20. Any additional site visits that are needed shall be coordinated through LSUE.

### **OWNER COMMENTS**

21. It is our intent to issue contract as soon as possible. Awarded bidder should turn in required documentation as soon as possible upon acceptance of bid. A notice to proceed will be issued as soon as possible.
22. Regular season games typically concludes at the beginning of May, however the team will continue to practice regularly. LSUE is working on the 2027 baseball season schedule and will share with the awarded bidder at the Pre-Construction Meeting.
23. There are a number of camps and events held during the summer, so these will need to be coordinated with construction activities. Owner can provide dates once contract is executed.
24. Coach Willis noted that there are two camps in June and High School Tournaments on most weekends (Thursdays-Sundays) in June and July.
25. This facility will remain open year round.
26. Existing Phase 1 facilities are still under the 1-year construction warranty.

### **QUESTIONS**

27. Is there a finished floor elevation of the first and second floors and existing grades that can be shared?

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- a. This will be noted in the next addenda
28. How are we to handle drill shafts which need casing if needed?
  - a. We encountered water around 20ft. A slurry is likely needed. We will provide more clarity via addenda.
29. Are appliances in the suites in the G.C's contract? Please provide specs on these items.
  - a. Undercounter ice maker and refrigerators in the suites and press box are by GC.
30. There is a specification for new tie-back netting. What is the scope?
  - a. This specification will be replaced in the next addenda. There is no new netting scope. The only scope involving the netting is to remove the tie-back poles and reattach the netting to the new roof structure.
31. Is there a work schedule that the awarded bidder needs to abide by?
  - a. Sun up to sun down is typical. No known local ordinances. LSUE Baseball activities will need to be coordinated with (games, tournaments, camps, practices). Games are typically on Friday evenings, Saturday and Sunday afternoons. Sometimes there are midweek games beginning as early as 4pm.
32. Is there a temporary fencing and staging plan?
  - a. We will provide a fencing/staging plan diagram
33. Are the existing restrooms to remain open during construction?
  - a. The Owner will provide temporary restroom facilities when needed. This needs to be coordinated with the construction schedule to minimize restroom downtime.
34. Are there any new utility meters required?
  - a. No new meters. Gas service will tap off of existing 2"-poly campus gas line and a new regulator be provided.
35. Can you provide a detail for the roll over curb?
  - a. We will provide a curb detail via addenda
36. Did FP&C change the contract form from the AIA A101?
  - a. Not known at this time.
37. Are temporary utilities required or can the university utilities be used?
  - a. Temporary utilities should be provided as per the specifications
38. Is there any more information on the AV and sound system?
  - a. Electrovoice did the sound system design. The intention is for the system to be performance based.
39. Is there any phasing that needs to be done for the roofing install over the grandstands?
  - a. Yes. Ideally this can be sequenced and coordinated with the LSUE baseball activities to happen when there are no events happening and grandstands are not in use.
40. Is Oldcastle a campus standard for storefront?
  - a. No. We are open to alternative suppliers if they meet specifications.

## **ATTACHMENTS**

41. Sign-In Sheet

## **End of Agenda**



## NON-MANDATORY PRE-BID CONFERENCE SIGN-IN SHEET

Date: **April 7, 2026 11:00am**  
 Project: **New Baseball Stadium Athletic Complex Facility – Phase 2  
 Louisiana State University Eunice**  
 Project No: **19-605-22-02, F.19002637**  
 State Code: **4-01-006**  
 Designer: **RHH Architects, APAC  
 phone 225-383-0002, fax 225-383-0302**  
 Location held: **Dr. Anthony Mumphrey Center – Conference Room 126**

### Attendance:

NAME	ORGANIZATION	PHONE/EMAIL
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Mike Olivier	RHH Architects	225.383.0002 mike@rhharchitects.com
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Jason Hargrave	RHH Architects	225.383.0002 jason@rhharchitects.com
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<u>Daniel Johnson</u>	<u>Lake Area Electric</u>	<u>djohnson@lakeareaelectric.com</u>
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<u>Tommy Buckner</u>	<u>Lake Area Electric</u>	<u>tbuckner@lakeareaelectric.com</u>
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<u>John Charles</u>	<u>K&amp;S Development</u>	<u>337-515-9758</u>
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<u>Melanie Ceaser</u>	<u>LSU-Eunice</u>	<u>jdcharles@live.com</u> <u>mceaser@lsue.edu</u>
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<u>Revy Fontenot</u>	<u>LSUE</u>	<u>Rfontenot@lsue.edu</u>
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NAME

ORGANIZATION

PHONE/EMAIL

Edelle TOUCHSTONE      ALFRED PALMA LLC      337-436-0830 estimating@apalmainc.com

Jim Daigle      ALFRED PALMA LLC      337-660-3771 estimating@apalmainc.com

Kasey Kay      Castle Row Construction      832-610-0135; Kasey@castlerowllc.com

Trey Johnson      HART PAINTING LLC      318 574 9885  
trey@hartpaintingllc.com

Hunter McKay      Rudick      hmckay@rudickgroup.com

MICHAEL MELANCON      COMENEX ELECTRIC      estimating@comenexelectric.com



NAME

ORGANIZATION

PHONE/EMAIL

Glen Tarchet      ARL Construction, Inc      337-828-7504  
ARL@arl-construction

Nickola Nelson      ARL Construction, Inc.      337-828-7504  
ARL@Arl, Construction

Glen Landry      Fox-Nesbit      glandry@fox-nesbit.com



## NON-MANDATORY PRE-BID CONFERENCE SIGN-IN SHEET

Date: **April 7, 2026 11:00am**  
 Project: **New Baseball Stadium Athletic Complex Facility – Phase 2  
Louisiana State University Eunice**  
 Project No: **19-605-22-02, F.19002637**  
 State Code: **4-01-006**  
 Designer: **RHH Architects, APAC  
phone 225-383-0002, fax 225-383-0302**  
 Location held: **Dr. Anthony Mumphrey Center – Conference Room 126**

Attendance:

NAME	ORGANIZATION	PHONE/EMAIL
Mike Olivier	RHH Architects	225.383.0002 mike@rhharchitects.com
Jason Hargrave	RHH Architects	225.383.0002 jason@rhharchitects.com
<u>Jeremy Kopnickly</u>	<u>Trahan construction</u>	<u>jeremy@trahanconstruction.com</u> <u>337-774-3600</u>
<u>Seth Plancheris</u>	<u>Adapt Concepts</u>	<u>seth@adaptconceptsllc.com</u> <u>337-323-8951</u>
<u>TRENT M Descont</u>	<u>M.D. Descont LLC</u>	<u>318-346-6657</u>



## NON-MANDATORY PRE-BID CONFERENCE SIGN-IN SHEET

Date: **April 7, 2026 11:00am**  
 Project: **New Baseball Stadium Athletic Complex Facility – Phase 2  
 Louisiana State University Eunice**  
 Project No: **19-605-22-02, F.19002637**  
 State Code: **4-01-006**  
 Designer: **RHH Architects, APAC  
 phone 225-383-0002, fax 225-383-0302**  
 Location held: **Dr. Anthony Mumphrey Center – Conference Room 126**

Attendance:

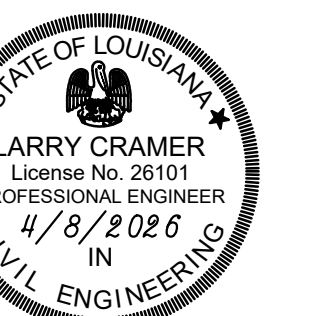
NAME	ORGANIZATION	PHONE/EMAIL
Mike Olivier	RHH Architects	225.383.0002 mike@rhharchitects.com
Jason Hargrave	RHH Architects	225.383.0002 jason@rhharchitects.com
<u>MARK LAHAYE</u>	<u>MAPP</u>	<u>225 603-6515</u> <u>m lahaye@mappbuild.com</u>
<u>Connor martin</u>	<u>ADG Engineering</u>	<u>337-234-5710</u> <u>cmartin@adjinc.org</u>
<u>Dale Primeaux</u>	<u>ADG Engineering</u>	<u>dprimeaux@adjinc.org</u>



NAME	ORGANIZATION	PHONE/EMAIL
<u>Seth Flanchebois</u>	<u>Adept Concepts</u>	<u>337 323 8951</u> seth@adept concepts llc.com
<u>Patrick Meeh</u>	<u>CIWA Integration</u>	<u>225-910-5006</u> <u>PMEEH@CIWLLC.COM</u>
<u>Alan Patin</u>	<u>Technical Services Group</u>	<u>225 751 9800</u> <u>alan.patin@tsg.com.com</u>
<u>Bryce Jones</u>	<u>Excel File</u>	<u>337-654-2625</u> <u>337-433-4300</u>
<u>Jared Cavys</u>	<u>Pat Williams Const.</u>	<u>estimating@patwilliams construction.com</u>
<u>Garrett Abel</u>	<u>Pat Williams Construction</u>	<u>estimating@patwilliamsconstruction.com</u>
<u>BYROW STILL</u>	<u>(UCS) UTILITY COMPLIANCE SOLUTION</u>	<u>BSTILL1958@SMALL-COM</u> <u>504-201-1379</u>
<u> </u>	<u> </u>	<u> </u>
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REVISION	DATE
1	ADDENDA #1 04/08/26



Larry Cramer

WATER &  
SEWER PLAN

C1.01

**WATER & SEWER NOTES:**

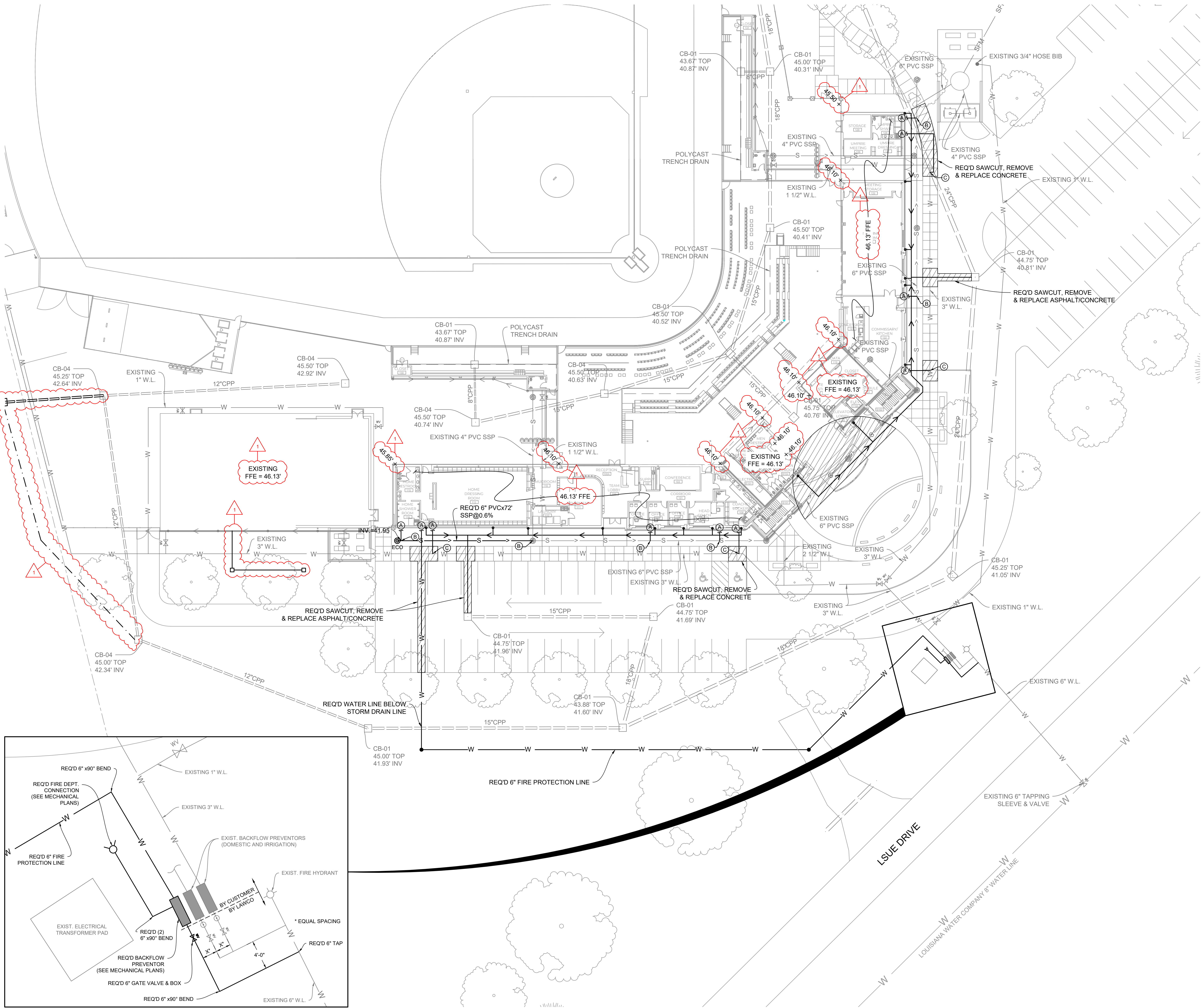
- UTILITY FACILITIES SHOWN ON THE PLANS ARE APPROXIMATE LOCATIONS. SEE MECHANICAL PLANS FOR SERVICE LOCATIONS.
- CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL EXERCISE CAUTION WHEN TRENCHING IN AREAS NEAR UTILITIES AND SEWER LINES.
- LOCATIONS OF NEW MAINS AND SERVICES ARE APPROXIMATE. FINAL LOCATIONS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. SHOULD CONFLICTS OCCUR, WHICH CAUSE THE LOCATION OF MAINS OR SERVICES TO BE CHANGED, THE SAME CONTRACT STIPULATED PRICES SHALL PREVAIL.
- THE CONTRACTOR SHALL NOTIFY ALL UTILITY OWNERS AT LEAST ONE WEEK BEFORE TRENCHING OPERATIONS ARE TO BEGIN. THE CONTRACTOR WILL NOT BE ALLOWED TO TRENCH UNTIL ALL EXISTING UTILITIES ARE LOCATED.
- SHEATHING OR TRENCH BOXES WILL BE REQUIRED ON ALL DEEP EXCAVATIONS (OVER 8') INCLUDING CROSSING AND PARALLEL INSTALLATIONS, OR AS OTHERWISE DIRECTED BY THE ENGINEER. SHEATHING MATERIAL AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS.
- JACKING OR BORING UNDER UTILITIES, SIDEWALKS, STORM DRAINAGE, OR OTHER OBSTRUCTIONS SHALL BE PROVIDED AS NOTED.
- NO ADDITIONAL PAYMENT WILL BE MADE FOR EXTRA BURRY ON THIS PROJECT.
- THE CONTRACTOR SHALL USE EXTREME CAUTION WHERE CROSSING EXISTING UTILITIES AND DRAINAGE STRUCTURES. HE SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES AND ANY RESULTING DAMAGED CAUSED BY HIS CONSTRUCTION OPERATIONS.
- SEWER AND WATER CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL DRESSING OF ALL WATER AND SEWER TRENCHES.
- A NEW 6" WATER COMPANY VALVE SHALL BE PROVIDED BY THE LOUISIANA WATER COMPANY (LAWCO). CONTRACTOR SHALL COORDINATE APPROVAL, INSTALLATION, AND CONNECTION FEES WITH LAWCO.
- A REDUCED PRESSURE DETECTOR ASSEMBLY WITH THERMAL/WEATHER PROTECTION MEETING LA STATE PLUMBING CODE SHALL BE PROVIDED AND INSTALLED BY CONTRACTOR. THE DEVICE AND INSTALLATION MUST BE REVIEWED AND APPROVED BY LAWCO PRIOR TO INSTALLATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH PROVIDING FIRE PROTECTION SERVICE INCLUDING ANY REQUIRED METER ASSEMBLY, VALVES, AND OTHER PIPING INSTALLED AND OWNED BY LOUISIANA WATER COMPANY (LAWCO) FOR THE PURPOSE OF PROVIDING THAT SERVICE.
- ALL DOMESTIC WATER BRANCH LINES SHALL HAVE VALVES AT MAINLINES.

**WATER & SEWER KEYNOTES:**

- (A) REFER TO MECHANICAL PLAN FOR CONTINUATION. INSTALL VALVES AND CLEANOUTS IN ACCORDANCE WITH MECHANICAL PLAN.
- (B) CONNECT TO EXISTING SANITARY SEWER LINE BELOW GRADE IN THIS VICINITY.
- (C) CONNECT TO EXISTING DOMESTIC WATER LINE BELOW GRADE IN THIS VICINITY. DOMESTIC WATER LINES SHALL MAINTAIN 18" VERTICAL CLEARANCE FROM SANITARY SEWER LINES.

**GRADING NOTES:**

- EXISTING GRADES SHOWN ARE FROM PHASE I CONSTRUCTION RECORDS.



**1 WATER & SEWER PLAN**

1" = 20'-0"



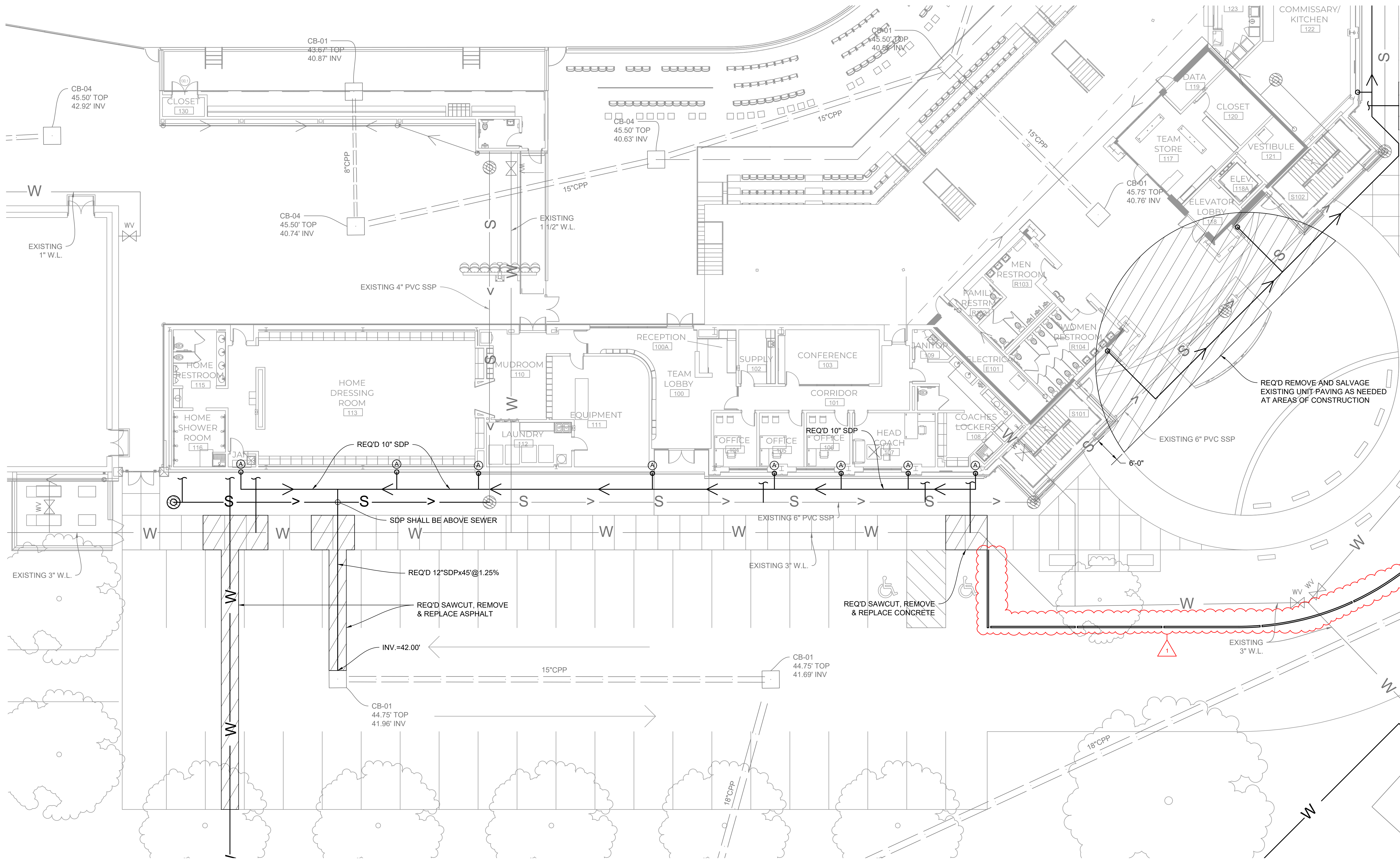
REVISION	DATE
1	ADDENDA #1 04/08/26



Larry Cramer

DRAINAGE  
 PLAN

C2.01



- DRAINAGE NOTES:**
- CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL EXERCISE CAUTION WHEN TRENCHING IN AREAS NEAR UTILITIES AND SEWER LINES.
  - PROVIDE 6-INCH LIMESTONE BEDDING UNDER ALL DRAINAGE PIPE.
  - STORM DRAIN PIPE (SDP) SHALL BE AS FOLLOWS:  
 12" SDP: CONTECH A-2000 OR ADS HP STORM  
 10" SDP: CONTECH A-2000
  - ALL 10" STORM DRAIN PIPE SHALL HAVE A MINIMUM SLOPE OF 0.5%.
  - ALL PIPE BACKFILL SHALL BE AS SPECIFIED. MATERIAL TOO WET TO COMPACT SHALL BE ALLOWED TO DRY SUFFICIENTLY BEFORE PLACEMENT.
  - ALL STORM DRAIN PIPE REMOVED SHALL BE SALVAGED TO THE OWNER OR HAULED OFFSITE AS DIRECTED. ALL AREAS THAT HAVE CATCH BASINS OR PIPES REMOVED SHALL BE BACKFILLED WITH APPROVED FILL AND COMPACTED AS SPECIFIED.
  - DOWNSPOUT TO SUBSURFACE DRAINAGE ADAPTERS SHALL MATCH EXISTING ADAPTERS OR AN APPROVED EQUAL.
  - CONTRACTOR SHALL USE A CONCRETE COLLAR WHEN CONNECTING DRAINAGE PIPE TO EXISTING CATCH BASINS.

- DRAINAGE KEYNOTES:**
- CONNECT DOWNSPOUT TO SUBSURFACE DRAINAGE. REFER TO ARCHITECTURAL PLAN FOR DOWNSPOUT LOCATION AND SIZING.

- PAVING NOTES:**
- MAXIMUM ALLOWABLE LONGITUDINAL SLOPE ON WALKWAYS SHALL BE 5.0% OR 1:20.
  - MAXIMUM ALLOWABLE CROSS SLOPE ON WALKWAYS SHALL BE 2.0% OR 1:50; DESIRED CROSS SLOPE IS 1.5%. SIDEWALK SHALL BE SLOPED TOWARD THE OUTER PERIMETER OF THE WALK OR AWAY FROM ANY NEARBY STRUCTURES.
  - ALL CONCRETE SURFACES SHALL RECEIVE A LIGHT BROOM FINISH.
  - ALL PAVING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR TO MATCH EXISTING GRADES AND SLOPES.

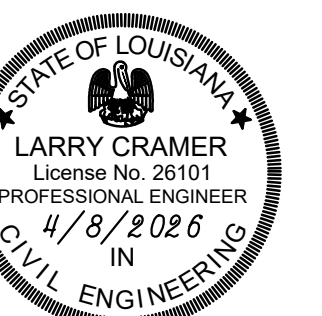
**1 ENLARGED DRAINAGE PLAN**  
 1" = 10'-0"



CONSTRUCTION DOCUMENTS for  
**NEW BASEBALL STADIUM ATHLETIC  
COMPLEX FACILITY - PHASE 2**  
LOUISIANA STATE UNIVERSITY EUNICE  
LSUE Campus Drive, Eunice, LA 70535

PROJECT #: 25-72-25  
DATE: 02/13/2026  
FOR: CONSTRUCTION  
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REVISION	DATE
1	ADDENDA #1 04/08/26



Larry Cramer

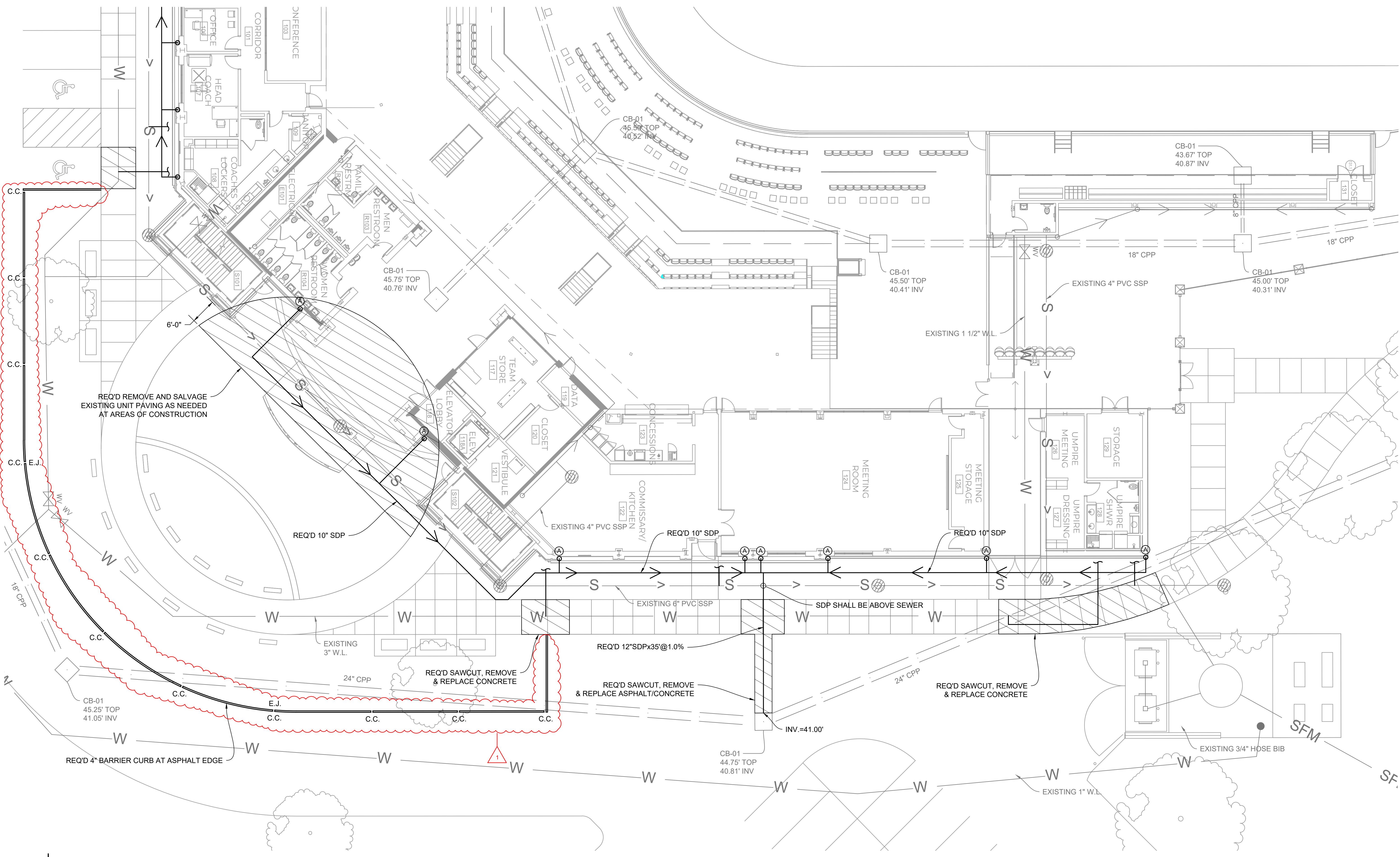
DRAINAGE  
PLAN

**C2.02**

- DRAINAGE NOTES:**
- CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL EXERCISE CAUTION WHEN TRENCHING IN AREAS NEAR UTILITIES AND SEWER LINES.
  - PROVIDE 6-INCH LIMESTONE BEDDING UNDER ALL DRAINAGE PIPE.
  - STORM DRAIN PIPE (SDP) SHALL BE AS FOLLOWS:  
12" SDP: CONTECH A-2000 OR ADS HP STORM  
10" SDP: CONTECH A-2000
  - ALL 10" STORM DRAIN PIPE SHALL HAVE A MINIMUM SLOPE OF 0.5%.
  - ALL PIPE BACKFILL SHALL BE AS SPECIFIED. MATERIAL TOO WET TO COMPACT SHALL BE ALLOWED TO DRY SUFFICIENTLY BEFORE PLACEMENT.
  - ALL STORM DRAIN PIPE REMOVED SHALL BE SALVAGED TO THE OWNER OR HAILED OFFSITE AS DIRECTED. ALL AREAS THAT HAVE CATCH BASINS OR PIPES REMOVED SHALL BE BACKFILLED WITH APPROVED FILL AND COMPACTED AS SPECIFIED.
  - DOWNSPOUT TO SUBSURFACE DRAINAGE ADAPTERS SHALL MATCH EXISTING ADAPTERS OR AN APPROVED EQUAL.
  - CONTRACTOR SHALL USE A CONCRETE COLLAR WHEN CONNECTING DRAINAGE PIPE TO EXISTING CATCH BASINS.

- DRAINAGE KEYNOTES:**
- CONNECT DOWNSPOUT TO SUBSURFACE DRAINAGE. REFER TO ARCHITECTURAL PLAN FOR DOWNSPOUT LOCATION AND SIZING.

- PAVING NOTES:**
- MAXIMUM ALLOWABLE LONGITUDINAL SLOPE ON WALKWAYS SHALL BE 5.0% OR 1:20.
  - MAXIMUM ALLOWABLE CROSS SLOPE ON WALKWAYS SHALL BE 2.0% OR 1:50; DESIRED CROSS SLOPE IS 1.5%. SIDEWALK SHALL BE SLOPED TOWARD THE OUTER PERIMETER OF THE WALK OR AWAY FROM ANY NEARBY STRUCTURES.
  - ALL CONCRETE SURFACES SHALL RECEIVE A LIGHT BROOM FINISH.
  - ALL PAVING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR TO MATCH EXISTING GRADES AND SLOPES.
  - 4" CONCRETE BARRIER CURB SHALL BE CAST IN PLACE. NO SLIP FORM PAVING WILL BE ALLOWED.
  - C.C. = 6" x 6" CURB CUT
  - ALL EXPOSED EDGES SHALL BE TOOLED.
  - PROVIDE 1/2" FULL DEPTH EXPANSION JOINT IN CURB CUT AT EACH "E.J." LOCATION SHOWN. WOOD SHALL NOT BE USED AS EXPANSION JOINT MATERIAL.

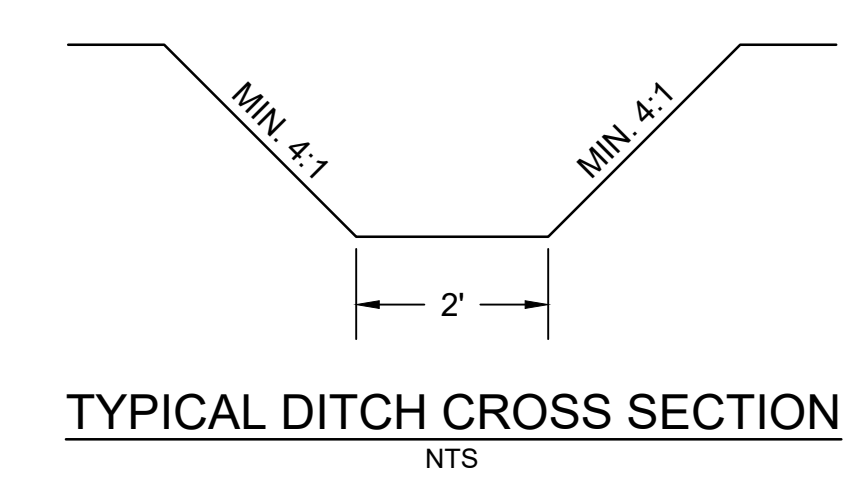
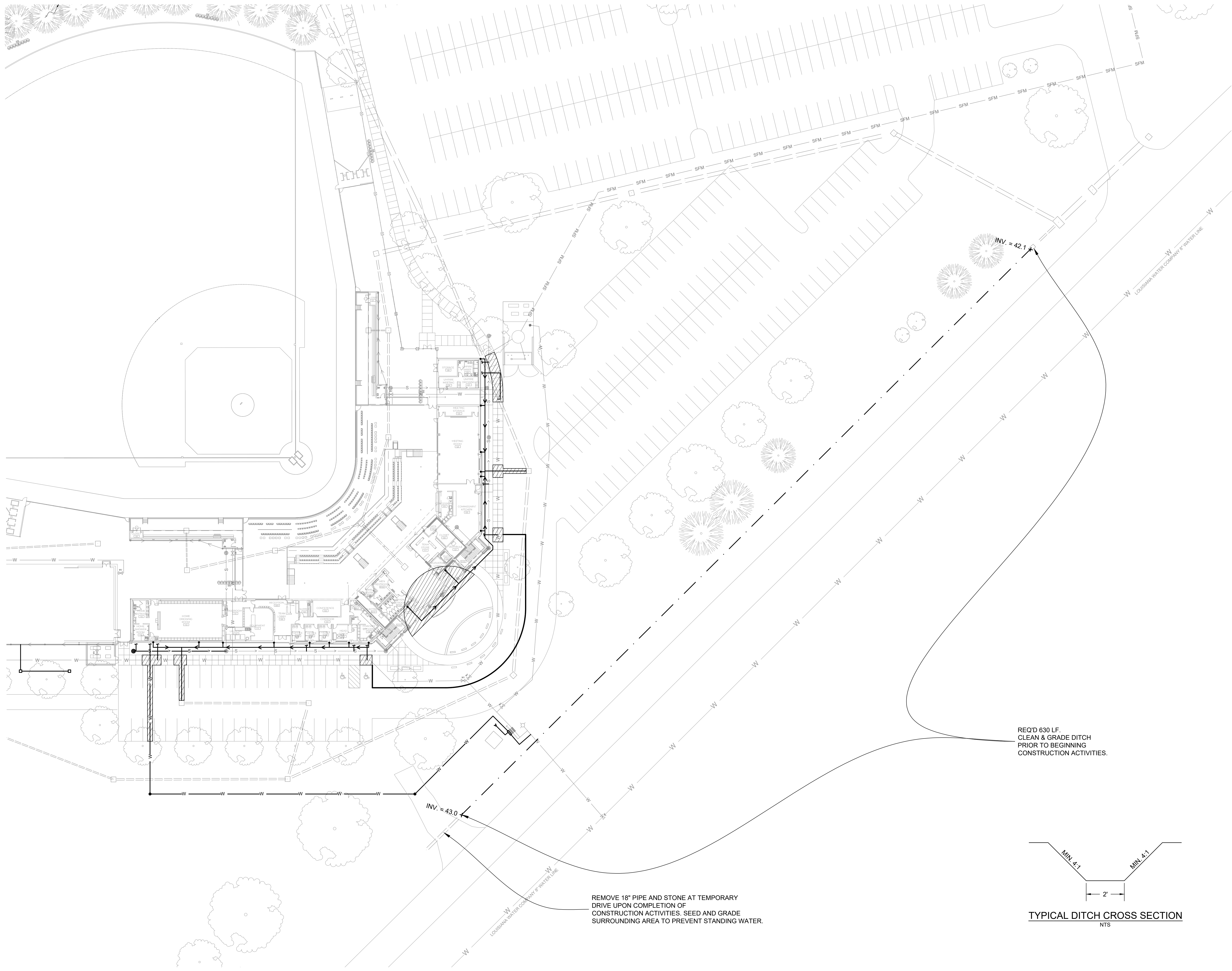


**1 ENLARGED DRAINAGE PLAN**

1" = 10'-0"

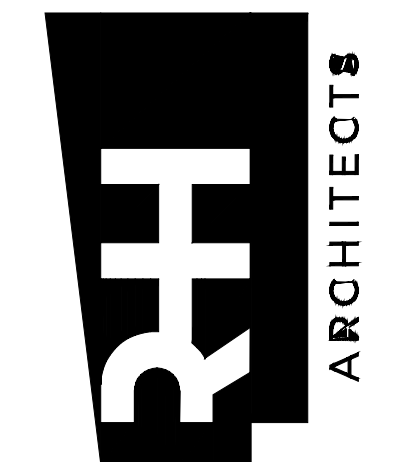






- DRAINAGE NOTES:**
1. CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL EXERCISE CAUTION WHEN TRENCHING IN AREAS NEAR UTILITIES AND SEWER LINES.
  2. ALL STORM DRAIN PIPE REMOVED SHALL BE SALVAGED TO THE OWNER OR HAULED OFFSITE AS DIRECTED. ALL AREAS THAT HAVE CATCH BASINS OR PIPES REMOVED SHALL BE BACKFILLED WITH APPROVED FILL AND COMPACTED AS SPECIFIED.
  3. CONTRACTOR SHALL GRADE SITE TO PREVENT STANDING WATER.

1 | DRAINAGE PLAN  
1" = 30'-0"



CONSULTANTS:  
SELLERS & ASSOCIATES, INC.  
CIVIL ENGINEER  
FOX NESBIT ENGINEERING  
STRUCTURAL ENGINEER  
ASSOCIATED DESIGN GROUP  
MECHANICAL ENGINEER

CONSTRUCTION DOCUMENTS for  
**NEW BASEBALL STADIUM ATHLETIC  
COMPLEX FACILITY - PHASE 2**  
LOUISIANA STATE UNIVERSITY EUNICE  
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Larry Cramer

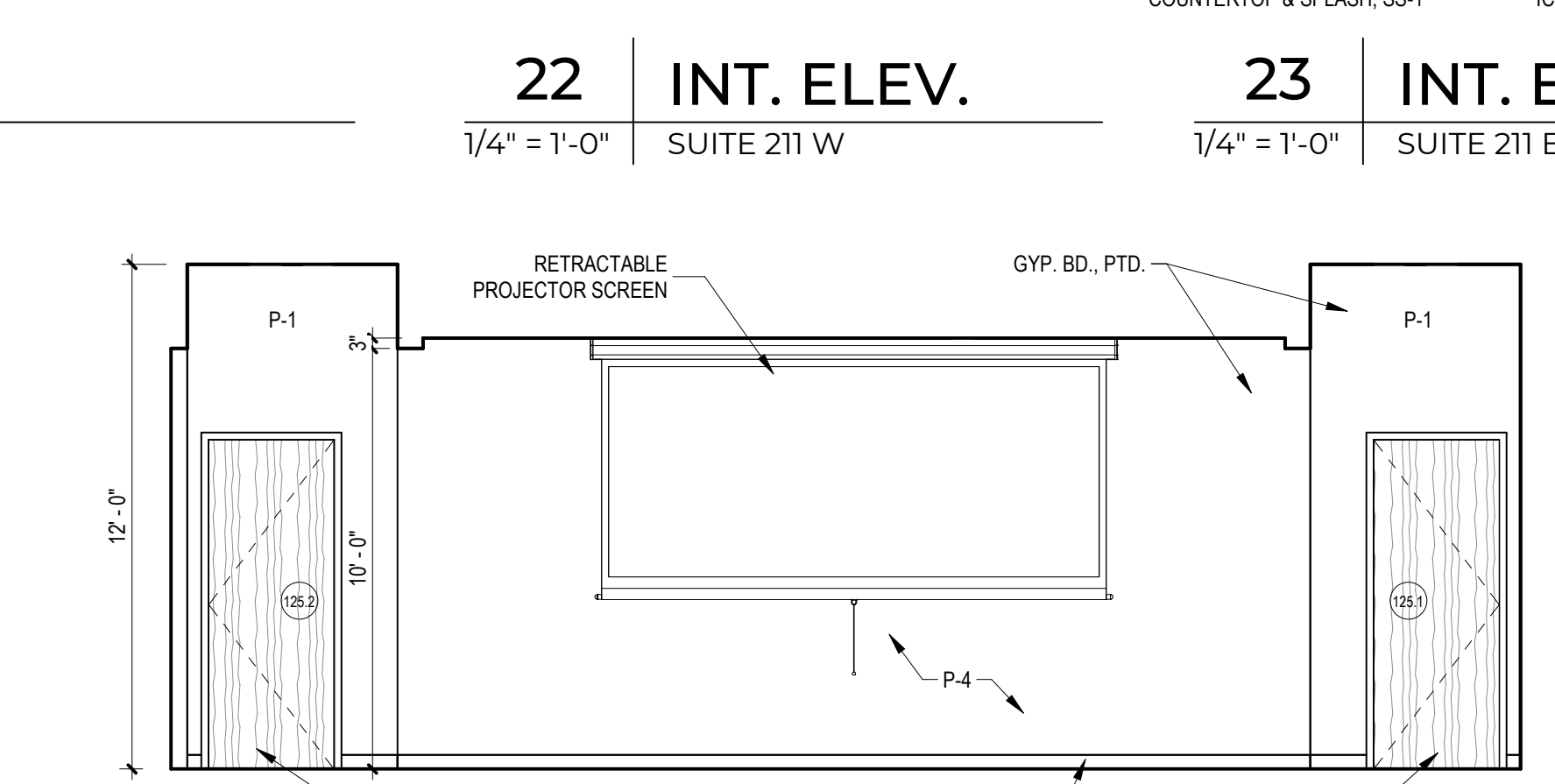
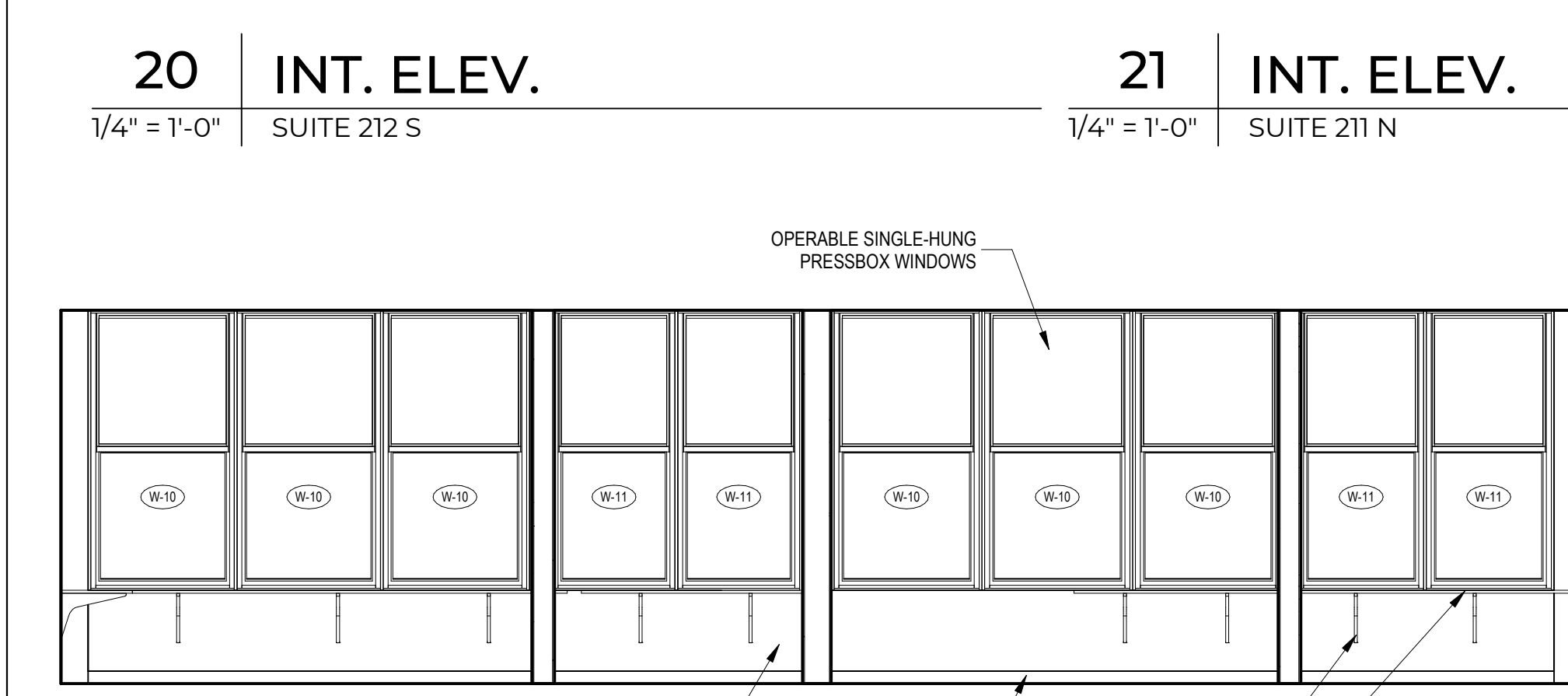
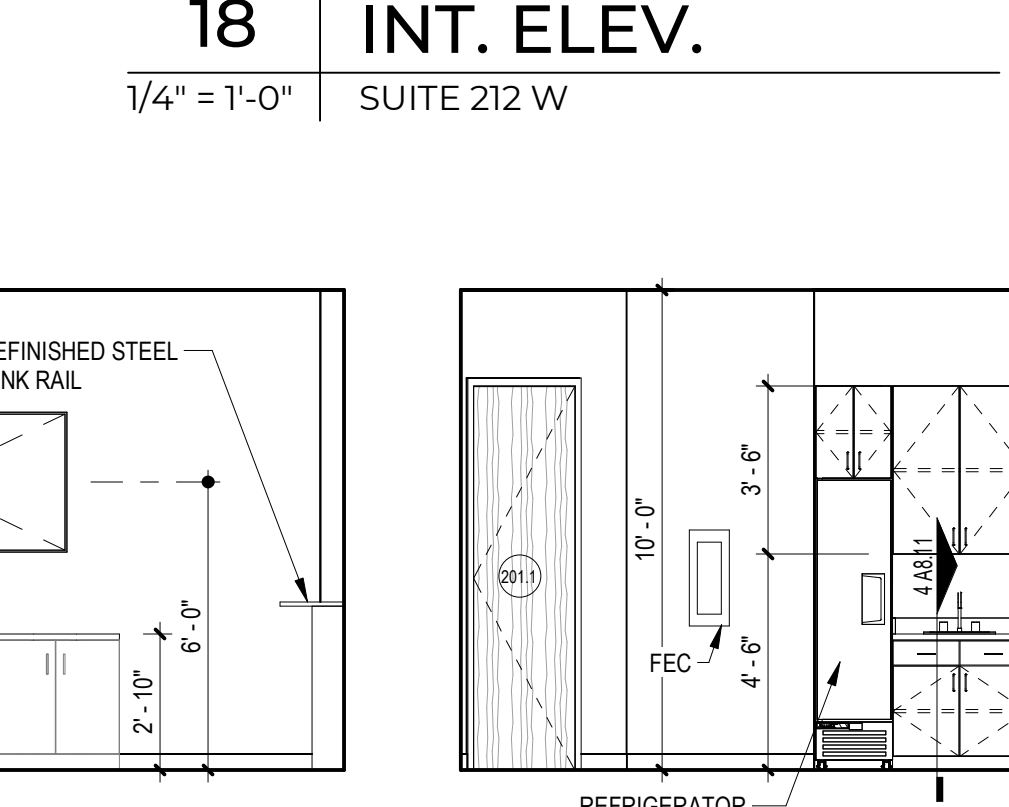
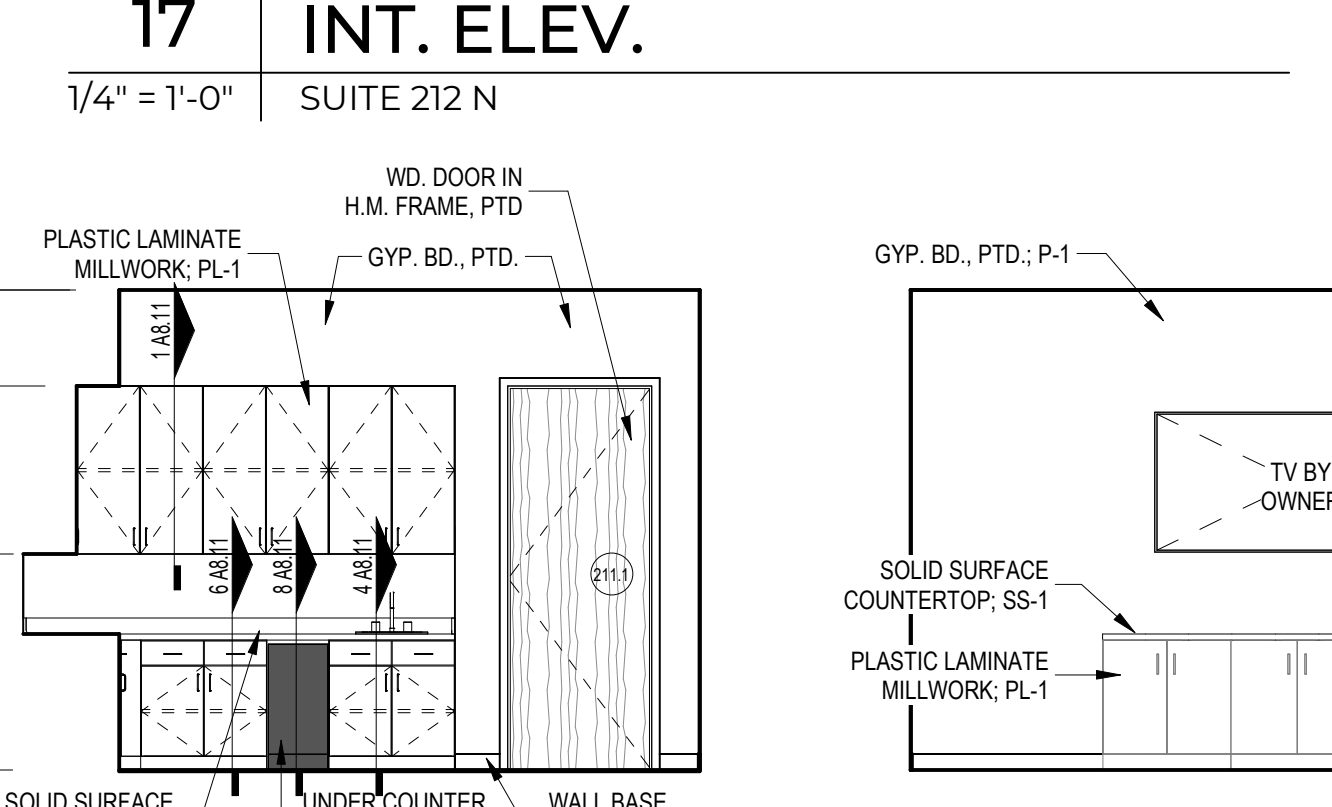
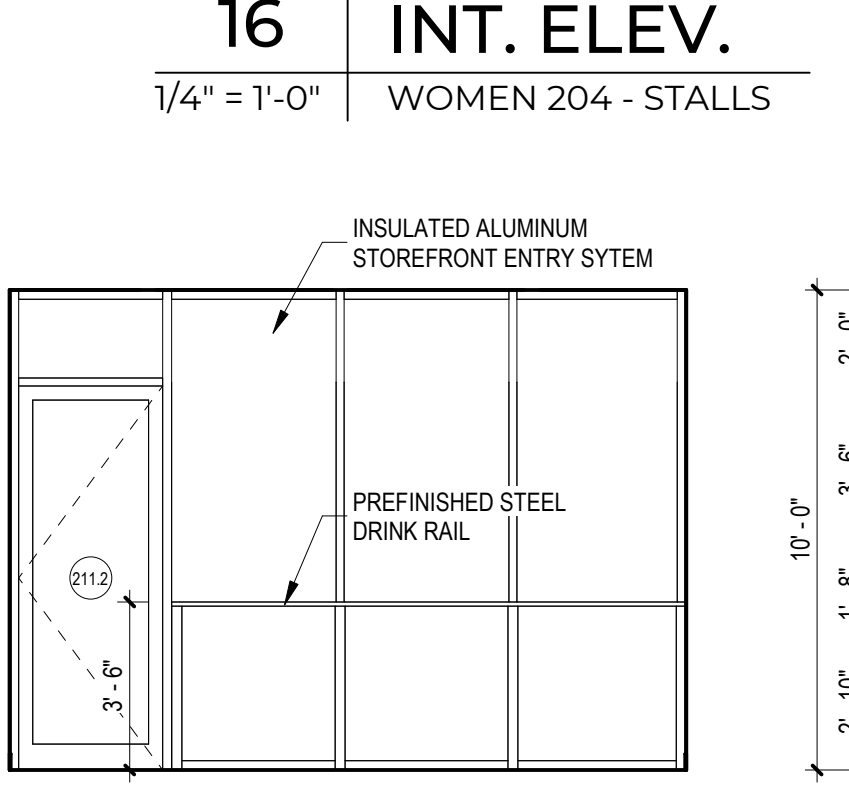
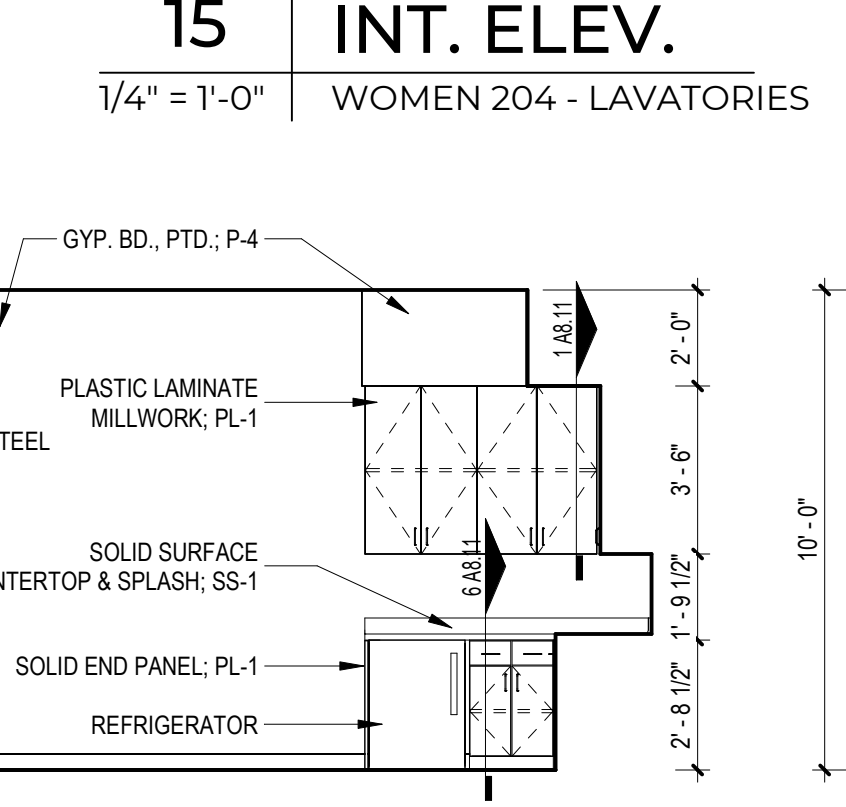
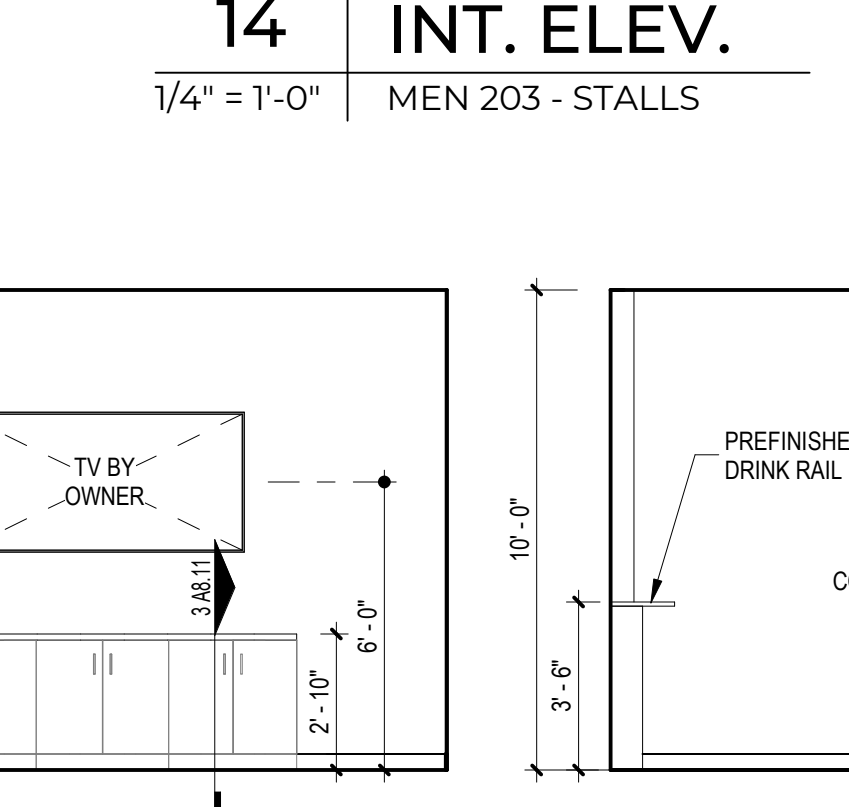
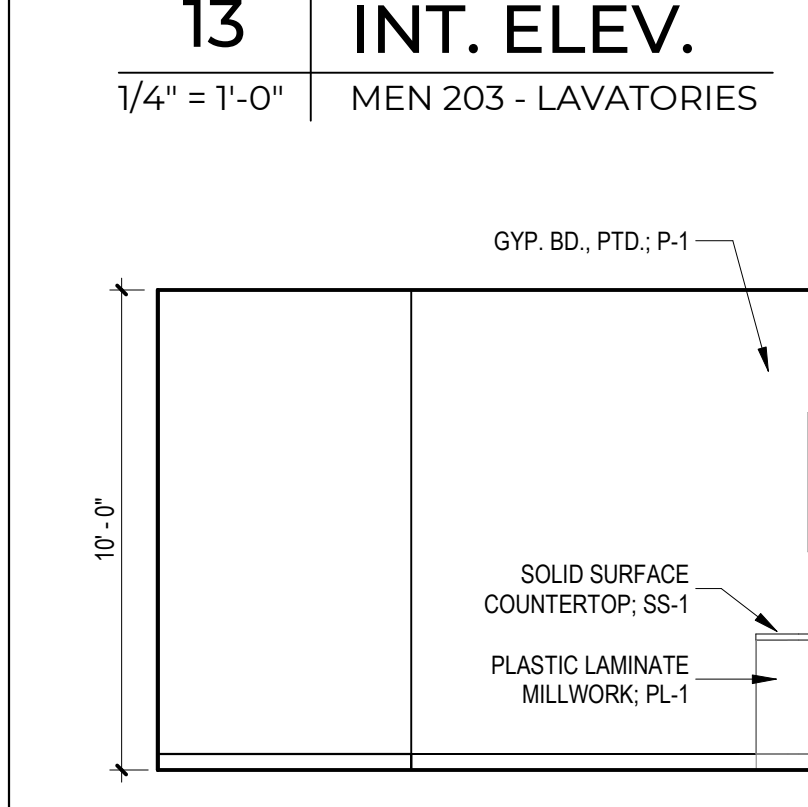
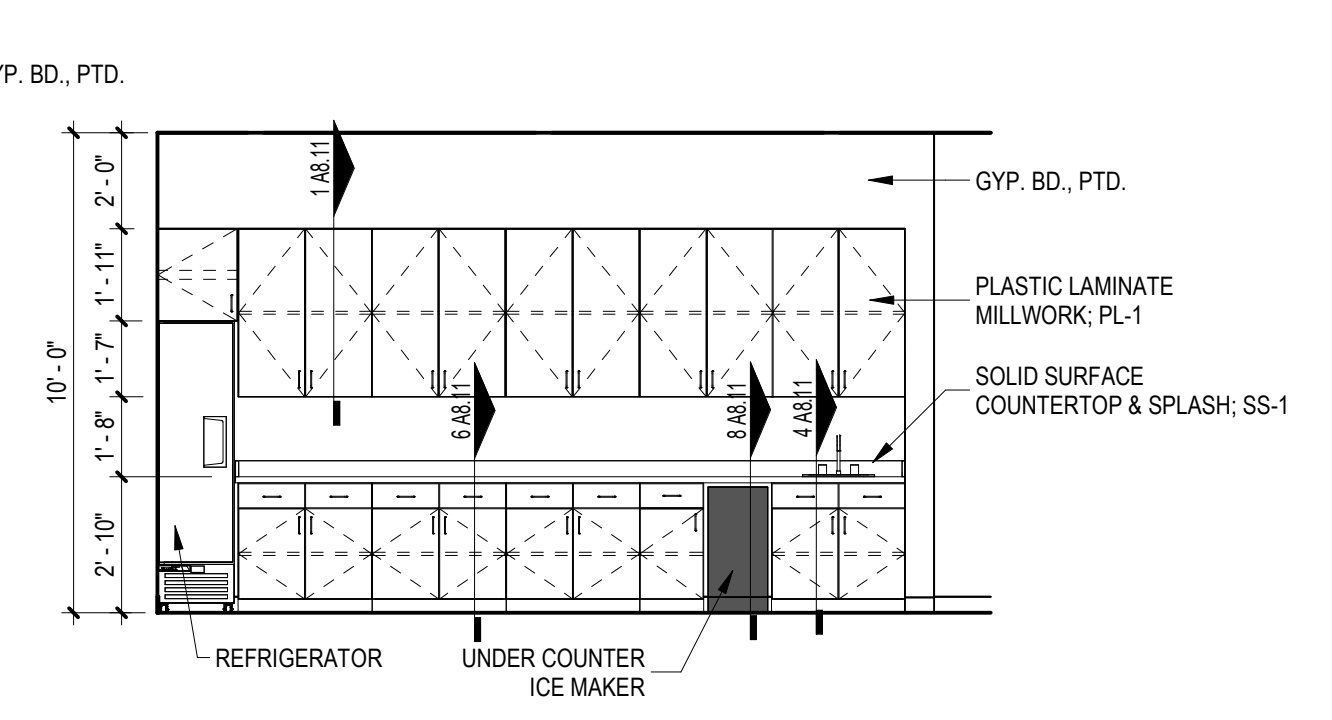
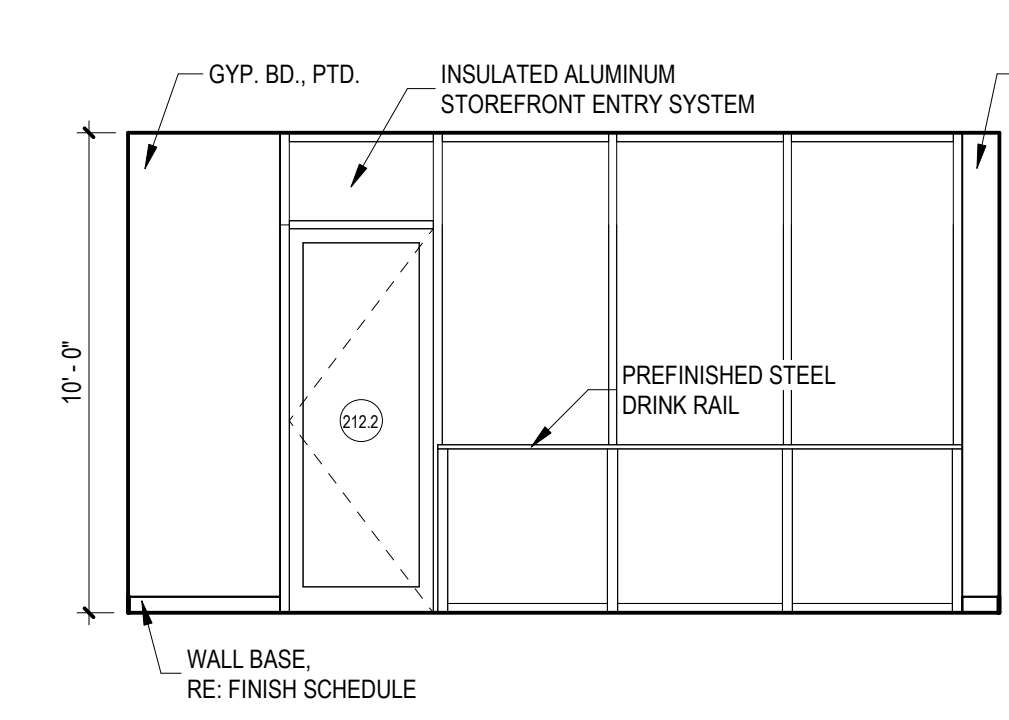
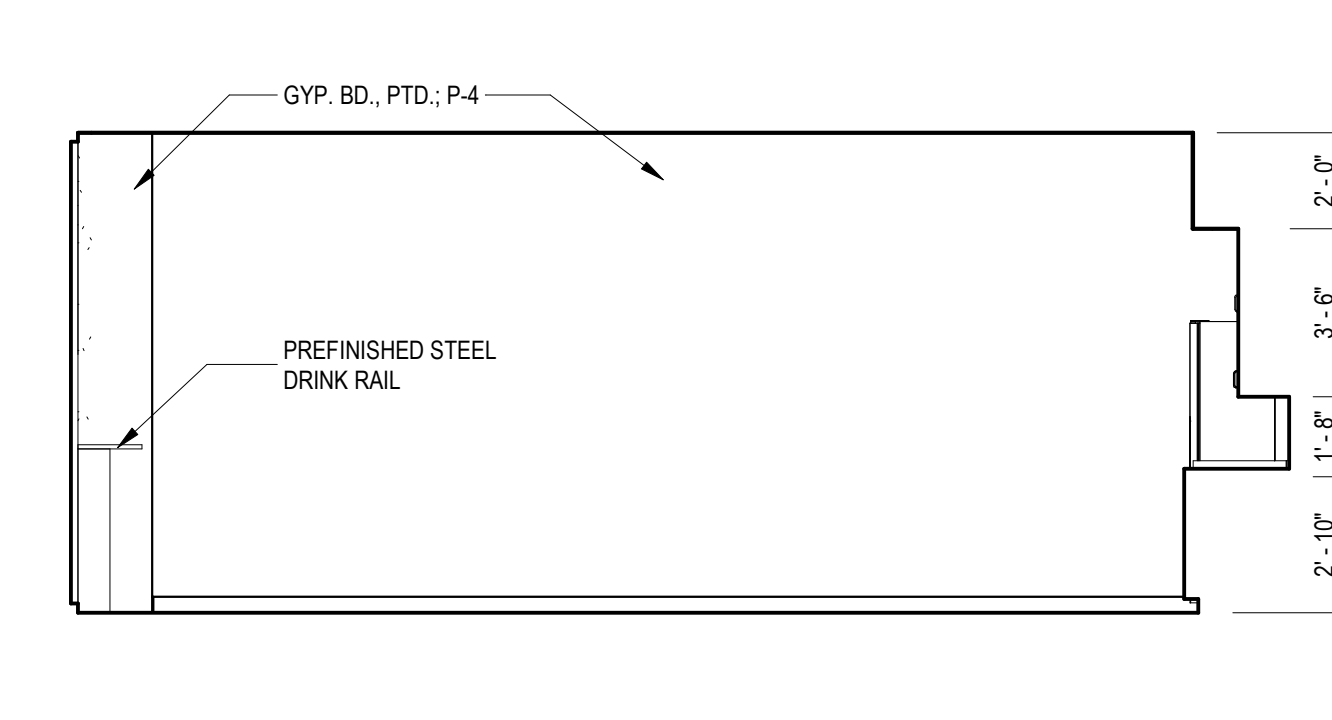
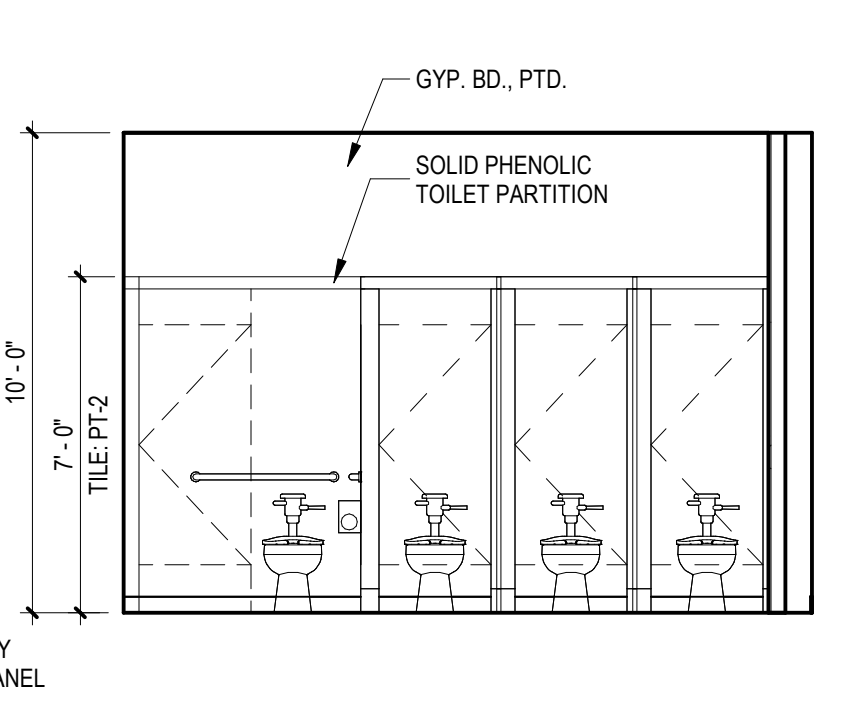
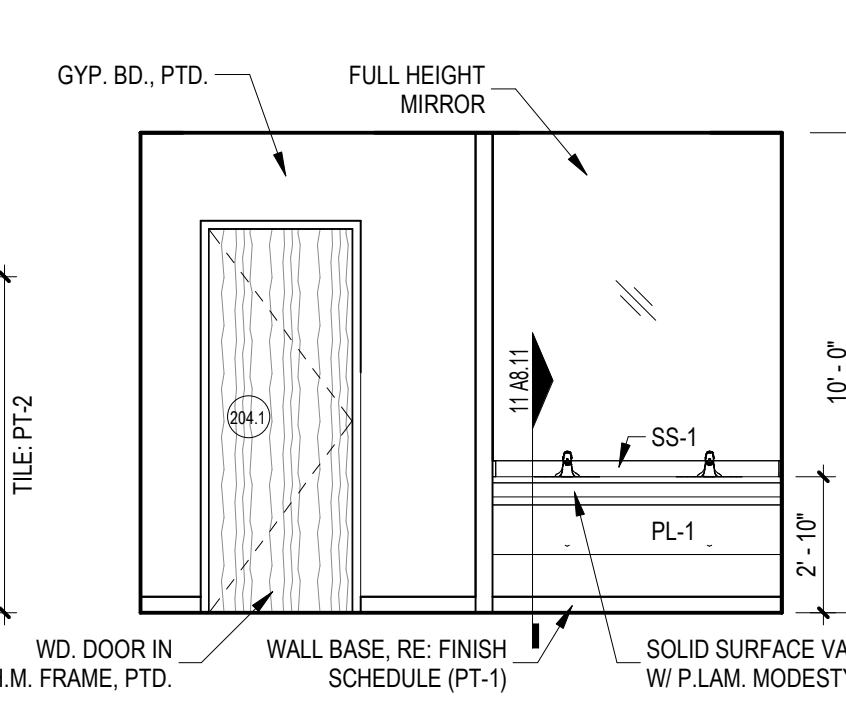
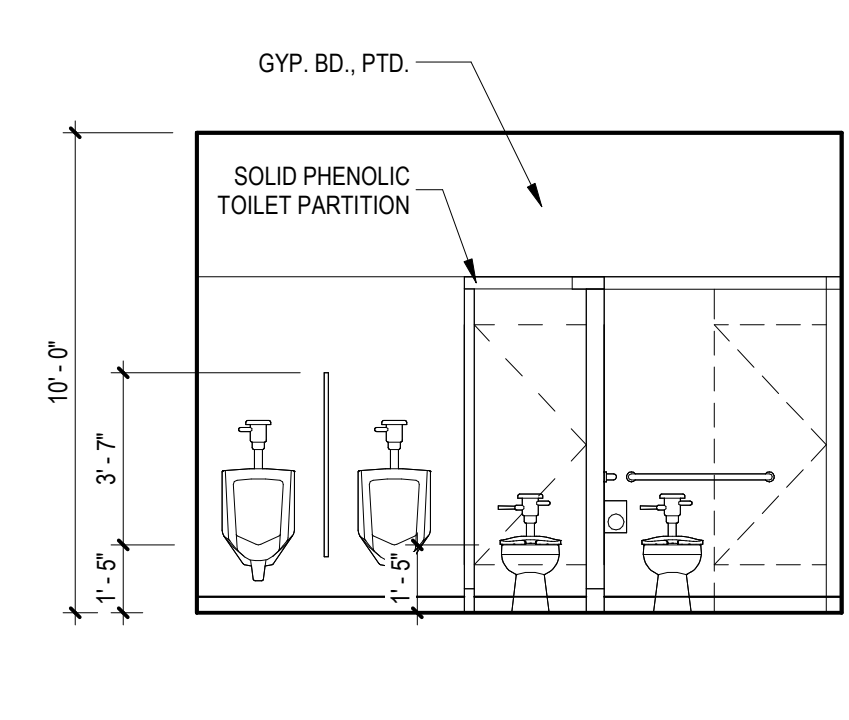
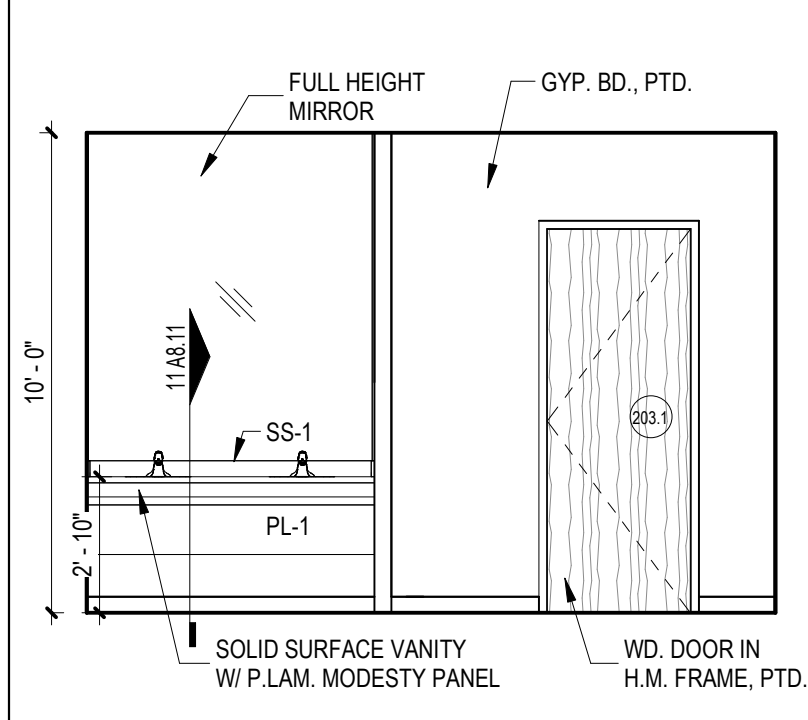
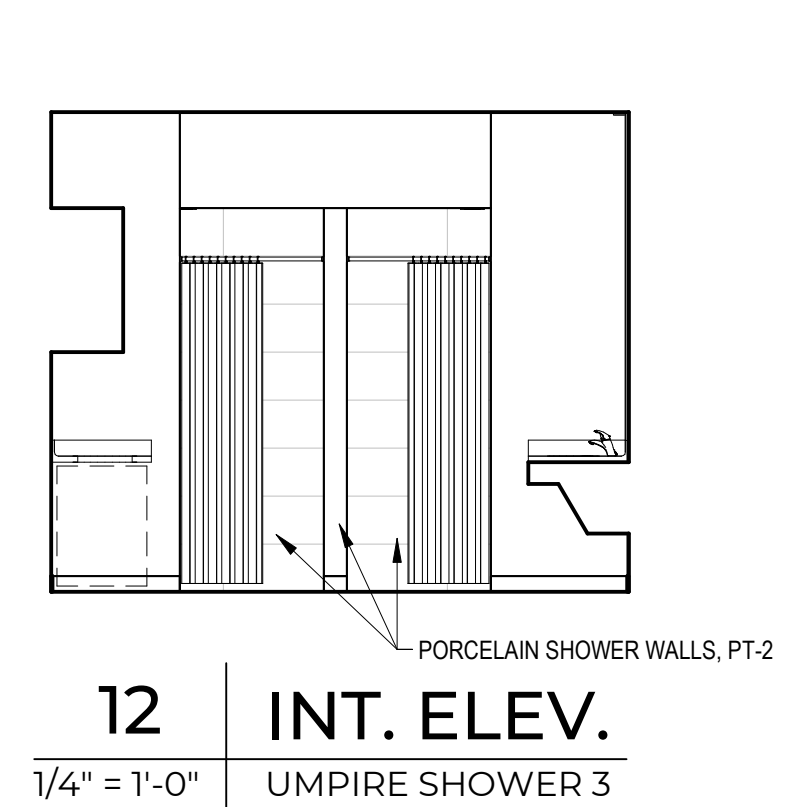
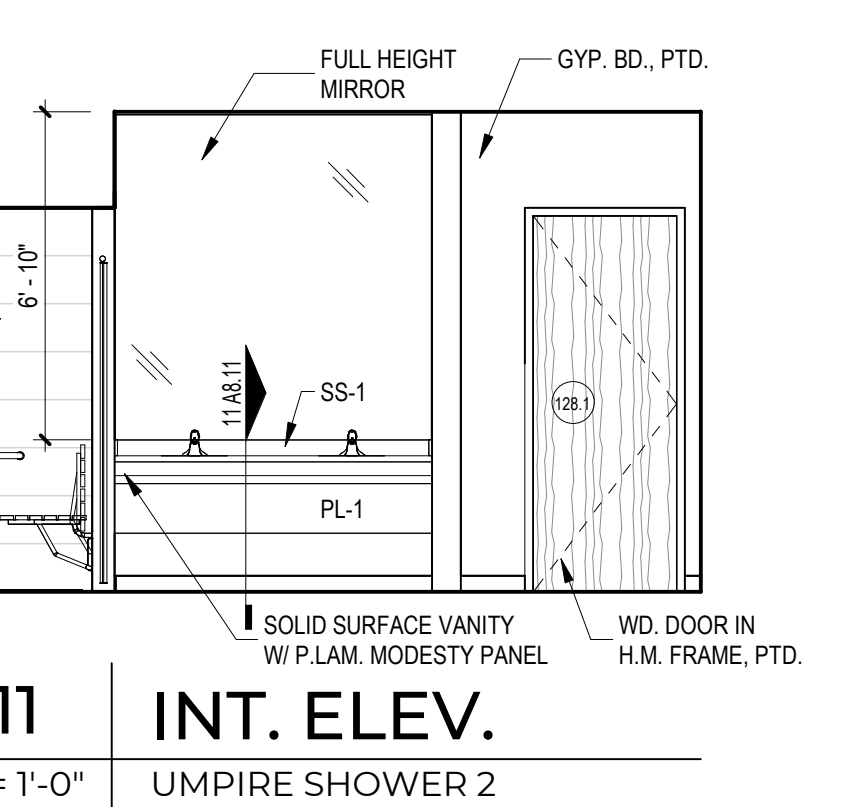
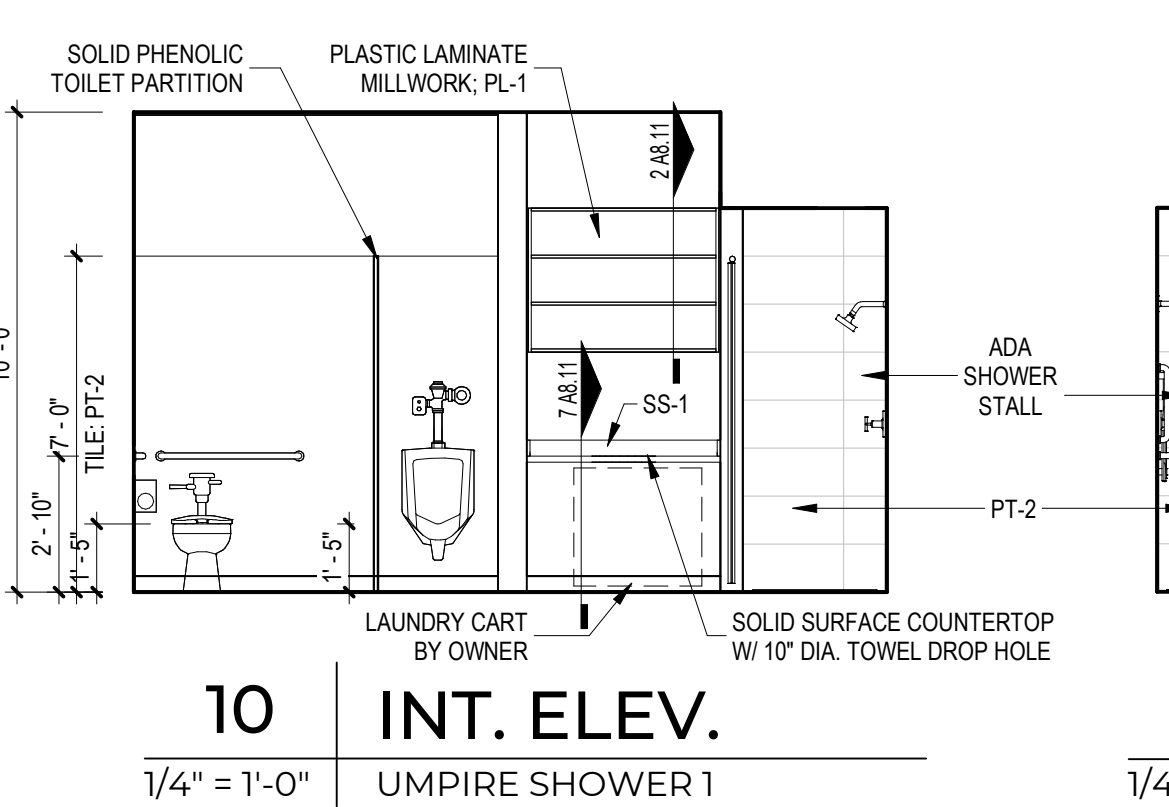
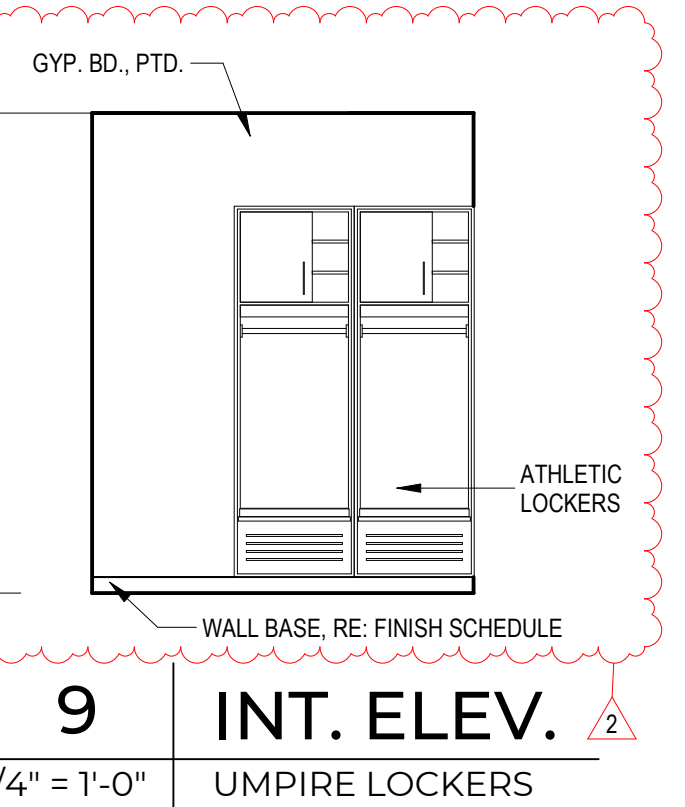
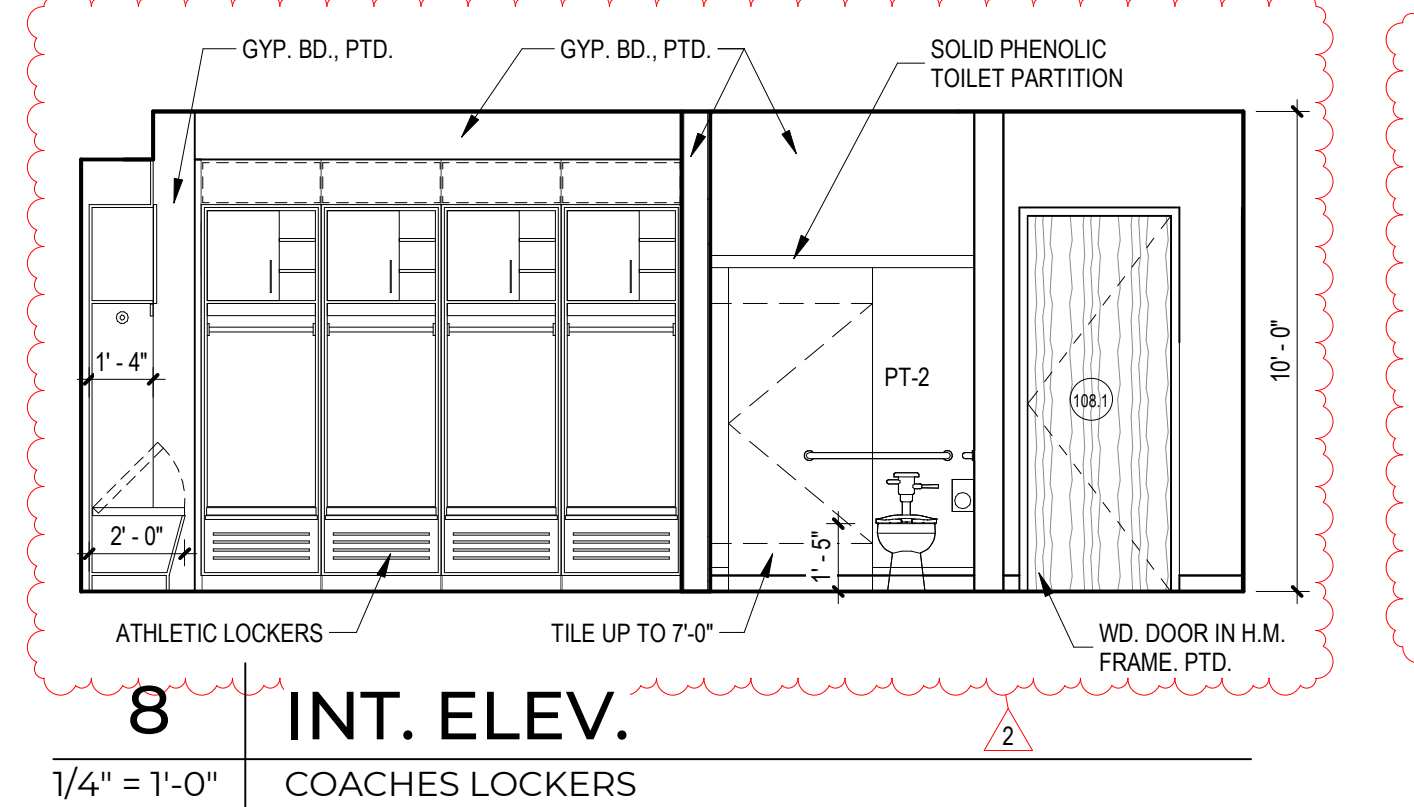
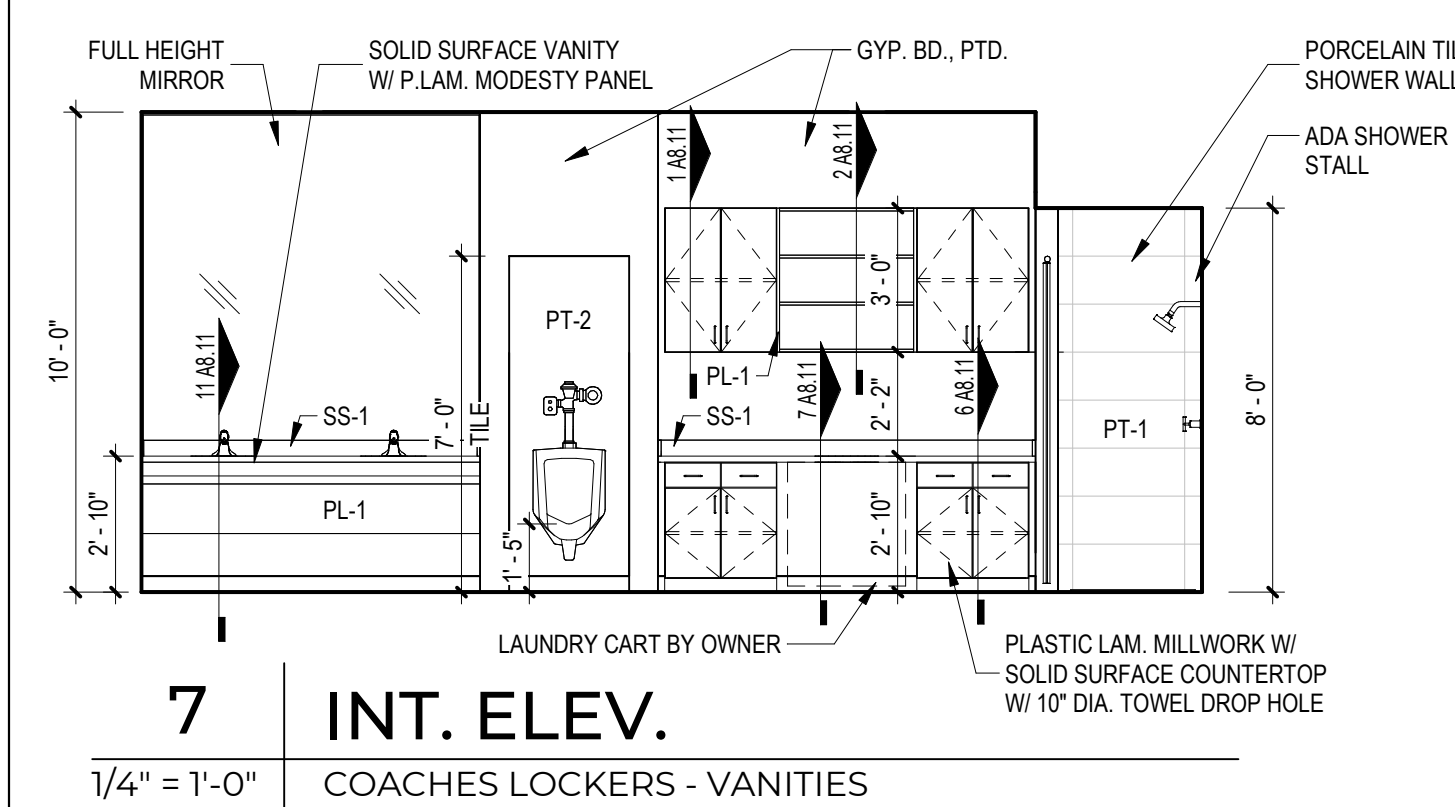
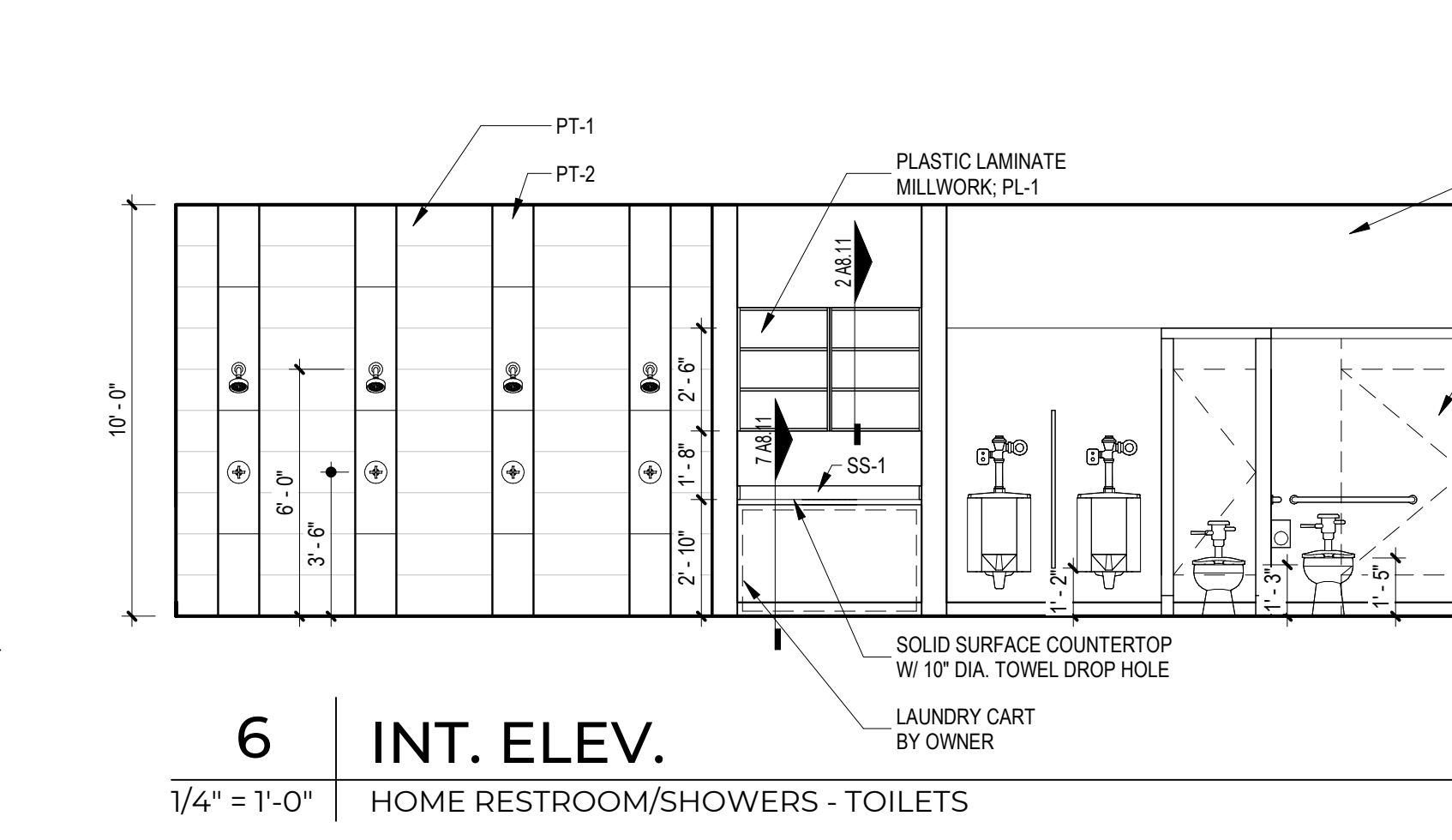
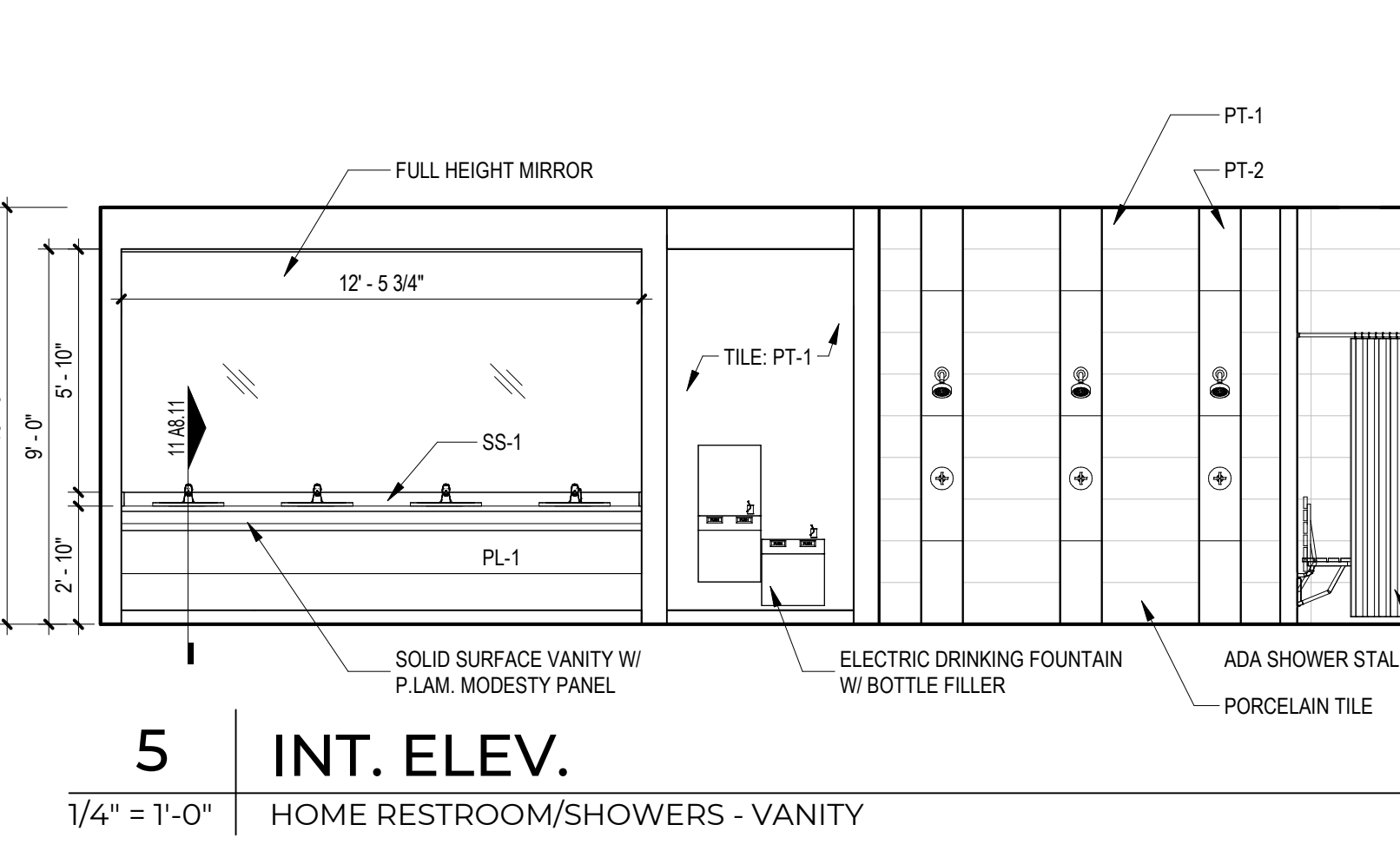
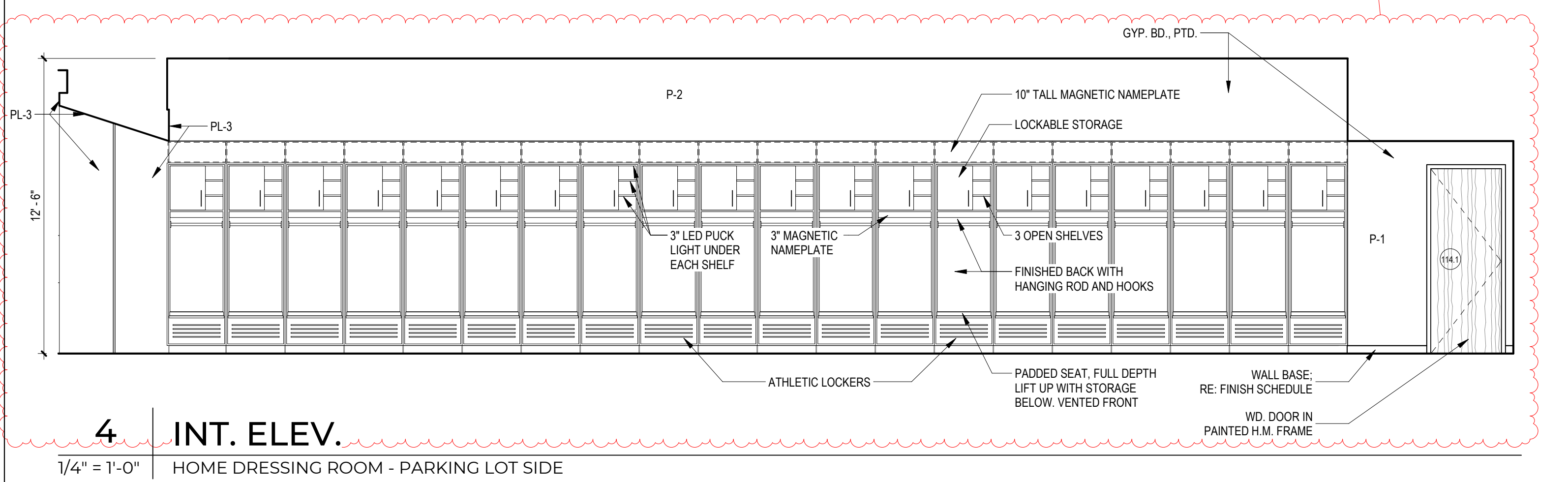
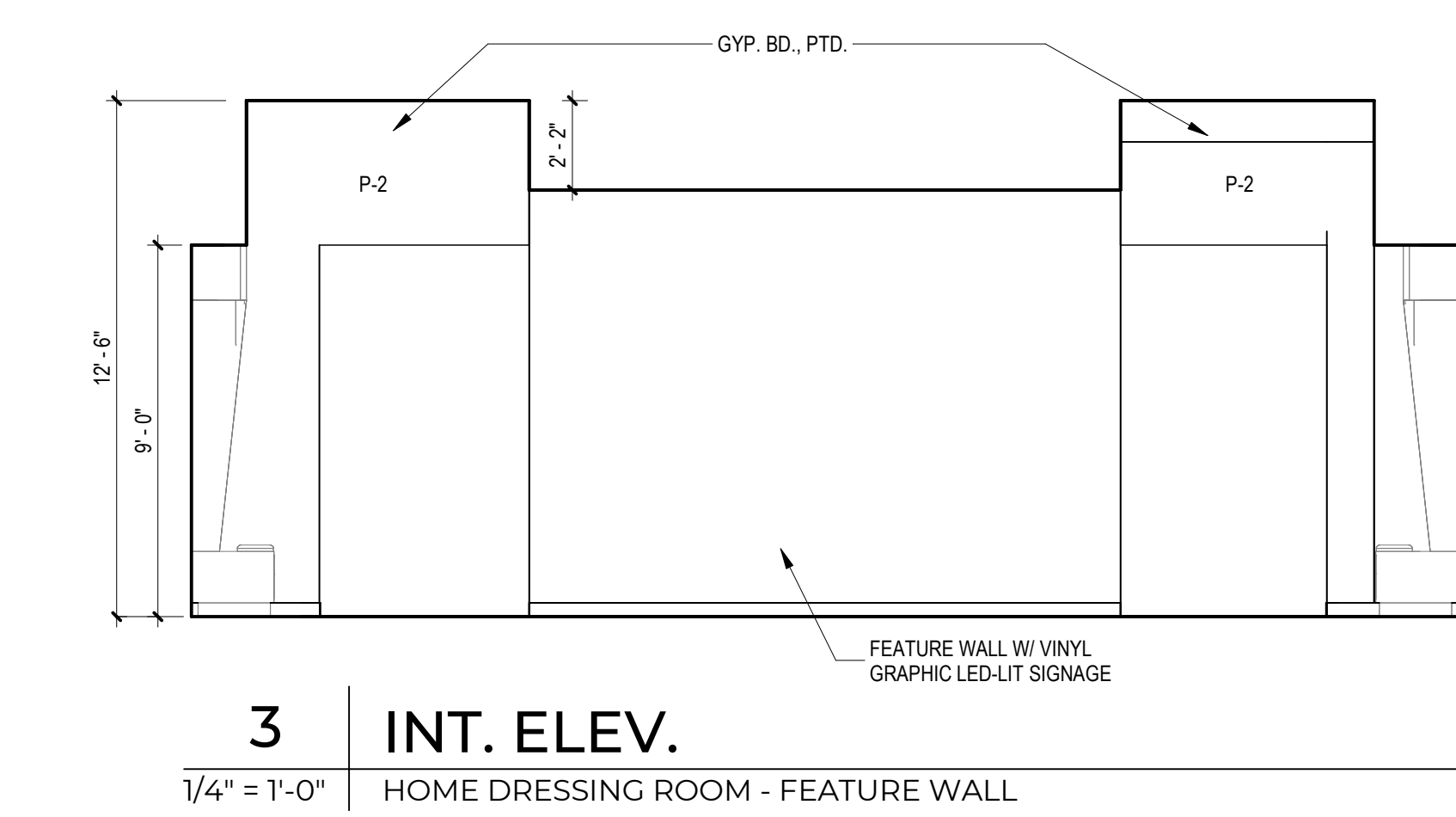
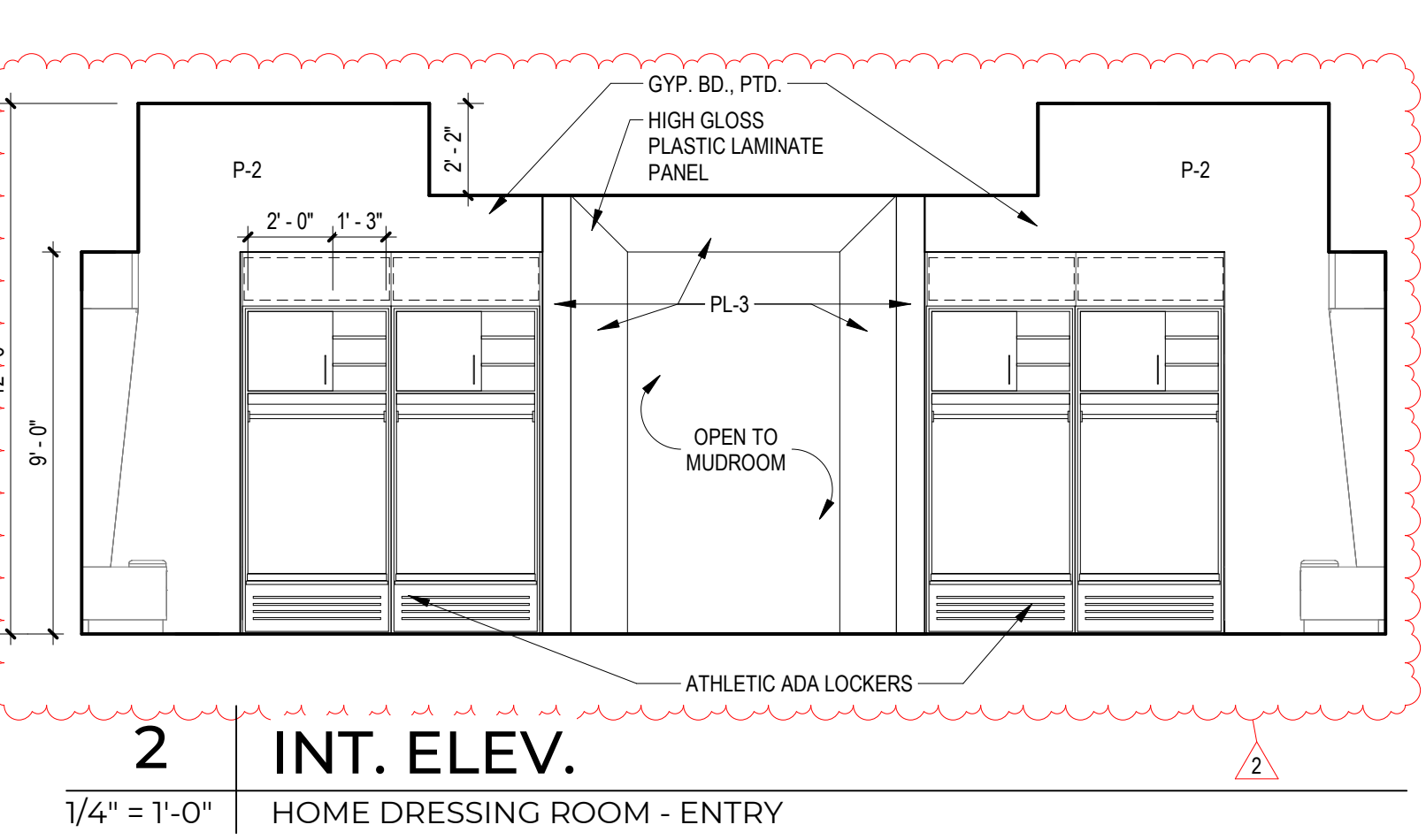
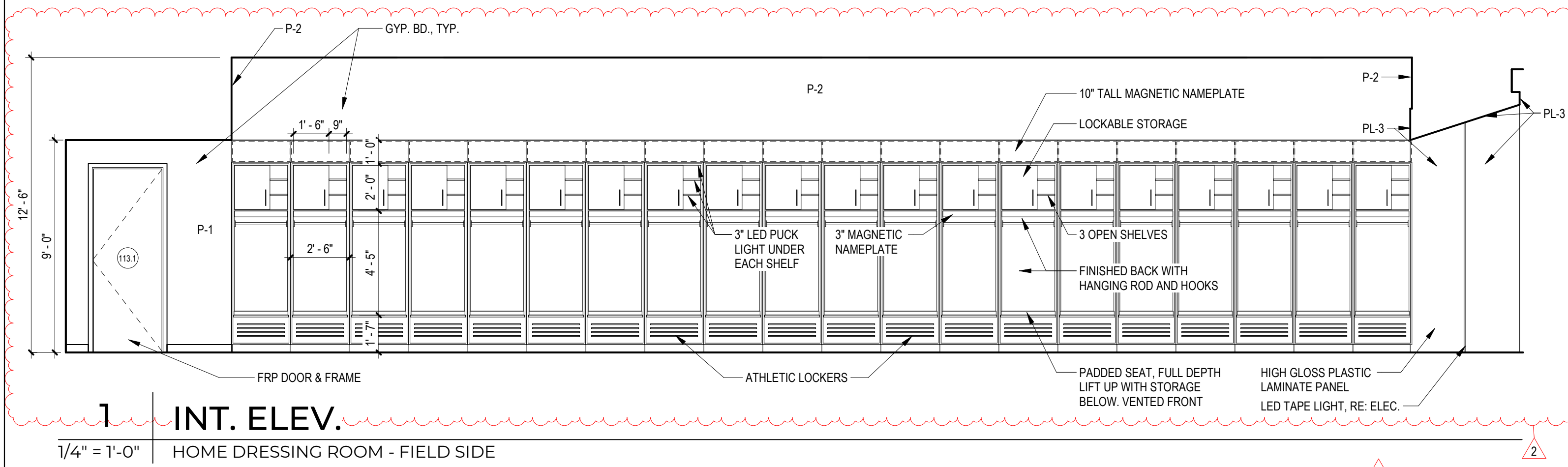
DRAINAGE PLAN

C2.04

Project No. 19-066-22-02 VIMS No. F30000267  
State Building ID: NWR Site Code

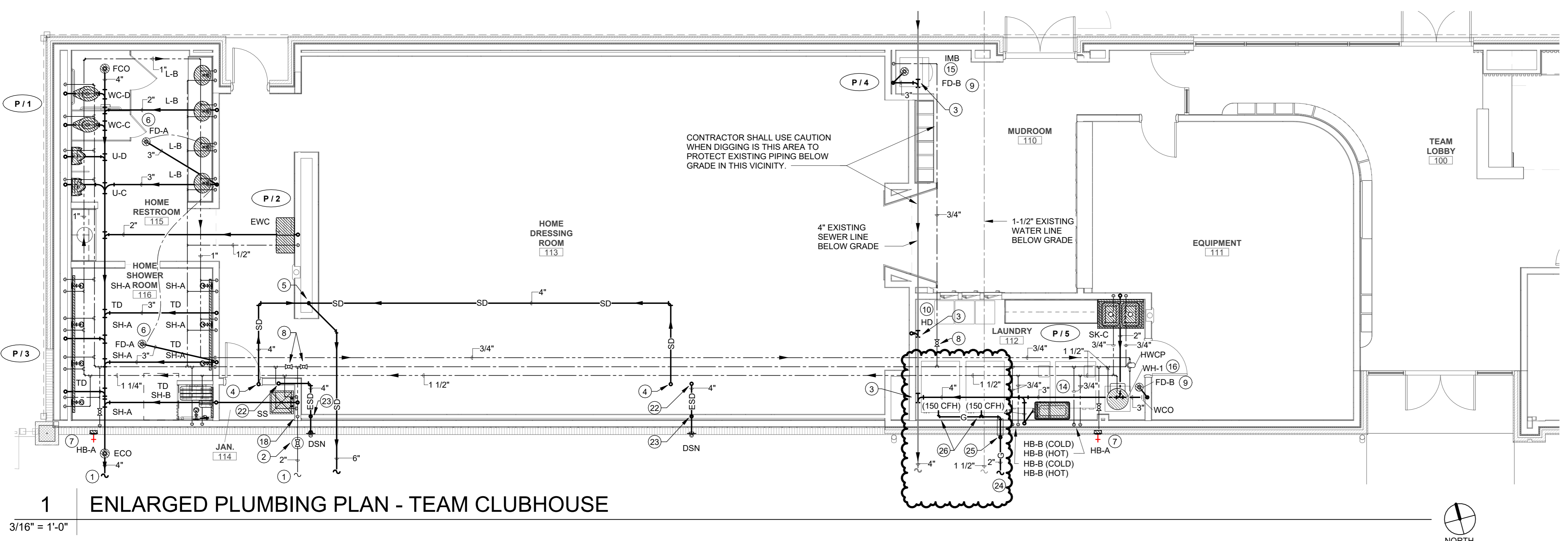






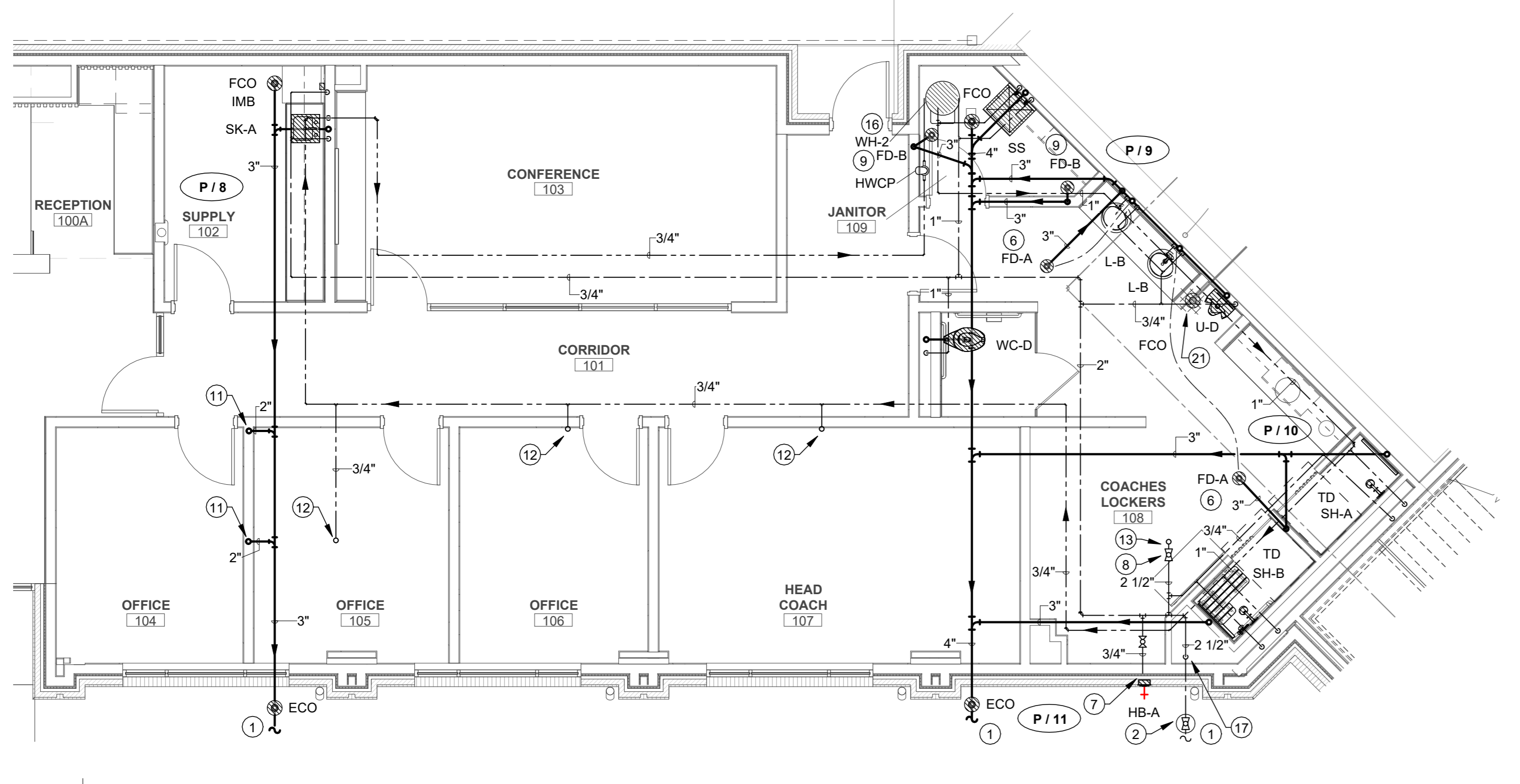
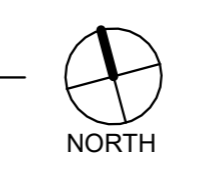
ISSUE No. 1/2025/257  
State Building I.D. New.





**1 ENLARGED PLUMBING PLAN - TEAM CLUBHOUSE**

3/16" = 1'-0"



**2 ENLARGED PLUMBING PLAN - COACHES OFFICES**

3/16" = 1'-0"



**PLUMBING KEYNOTES:**

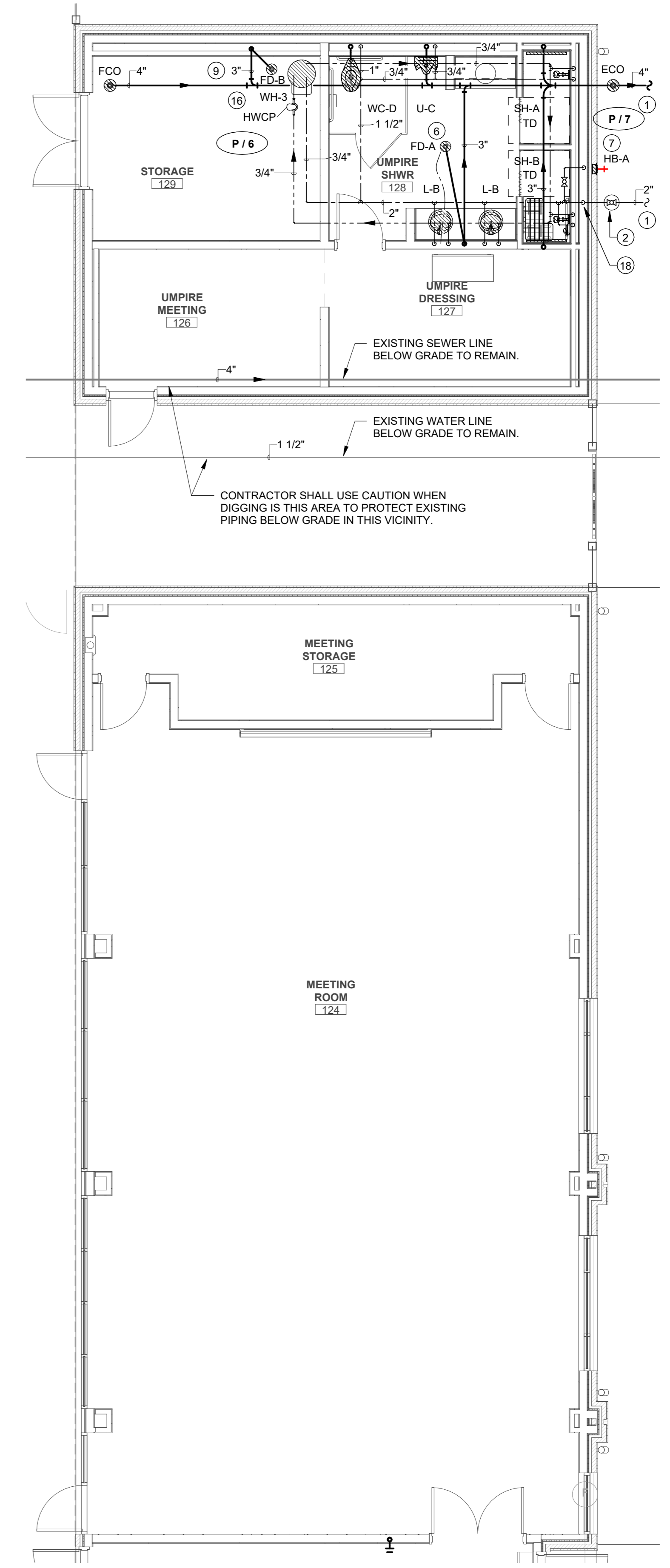
- 1 REFER TO PLUMBING GROUND LEVEL, SHEET P2.01 FOR CONTINUATION.
- 2 PROVIDE A CUTOFF VALVE IN A CAST IRON VALVE BOX WITH METAL COVER MARKED "WATER".
- 3 CONNECT TO EXISTING SANITARY SEWER LINE BELOW GRADE IN THIS VICINITY. CONTRACTOR SHALL VERIFY INVERT, LOCATION, AND LINE SIZE PRIOR TO ROUGH-IN.
- 4 4" INSULATED STORM DRAIN LINE DOWN FROM ABOVE. CONTINUE DOWN TO BELOW GRADE.
- 5 6" INSULATED STORM DRAIN LINE DOWN FROM ABOVE. CONTINUE DOWN TO BELOW GRADE.
- 6 PROVIDE LAVATORY TAILPIECE TRAP PRIMER WITH 1/2" CHROME LINE TO WALL AND CONTINUE IN WALL WITH 1/2" SOFT COPPER LINE TO BELOW SLAB TO TRAP PRIMER CONNECTION ON FLOOR DRAIN. ALL EXPOSED SUPPLY LINES SHALL BE CHROME. MINIMIZE EXPOSURE OF EXPOSED LINES. CONCEAL TRAP PRIMER LINES BEHIND LAVATORY SHROUD OR IN CABINET WHERE POSSIBLE.
- 7 3/4" COLD WATER LINE DOWN IN WALL AND OUT TO HOSE BIBB. PROVIDE ACCESSIBLE BALL TYPE CUTOFF VALVE ABOVE CEILING.
- 8 PROVIDE A BALL TYPE CUTOFF VALVE ABOVE ACCESSIBLE CEILING IN THIS VICINITY.
- 9 PROVIDE PROSET TRAP GUARD TRAP PRIMER INSERT IN FLOOR DRAIN.
- 10 PROVIDE 2" INSULATED HUB DRAIN IN WALL WITH ACCESS PANEL FOR A/H UNIT CONDENSATE DRAIN LINE. RUN INSULATED DRAIN LINES TO HUB DRAIN WITH 2" AIR GAP. INSULATE DRAIN LINE DOWN TO BELOW GRADE WITH 2" THICK FIBERGLASS INSULATION WITH FOIL BACKING. TAPE ALL JOINTS. COORDINATE LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ANY ROUGH-INS.
- 11 2" SEWER LINE DOWN FROM 2ND LEVEL.
- 12 3/4" DOMESTIC HOT WATER LINE UP TO SINK ON 2ND LEVEL.
- 13 2-1/2" DOMESTIC COLD WATER LINE UP TO 2ND LEVEL.
- 14 PROVIDE AND INSTALL STRIEM TT-3 POLYETHYLENE DRAIN TROUGH BELOW GRADE. UNIT SHALL HAVE: 4" OUTLET, 21.0 GALLON CAPACITY, REMOVABLE PRIMARY FILTER SCREEN AND SECONDARY FILTER BASKET, INTEGRAL REBAR ANCHOR GUSSETS, IBK-3 BULKHEAD KIT. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
- 15 PROVIDE AND INSTALL WATER FILTER ON WALL FOR ICE MACHINE. REFER TO DETAIL FOR INSTALLATION. CONNECT FILTERED WATER TO ICE MACHINE. FILTER SHALL BE AQUAPURE ICET20-S OR APPROVED EQUAL.
- 16 PROVIDE WATER HEATER ON ANGLE IRON STAND WITH DRAIN PAN. PIPE T & P RELIEF LINE AND EMERGENCY DRAIN PAN LINE FULL SIZE FROM WATER HEATER TO FLOOR DRAIN WITH AIR GAP. PROVIDE PROSET TRAP GUARD INSERT IN FLOOR DRAIN.
- 17 2-1/2" DOMESTIC COLD WATER LINE UP FROM BELOW SLAB. CONTINUE UP TO ABOVE 1ST LEVEL CEILING.
- 18 2" DOMESTIC COLD WATER LINE UP FROM BELOW SLAB. CONTINUE UP TO ABOVE 1ST LEVEL CEILING.
- 19 1-1/4" DOMESTIC COLD WATER LINE UP TO 2ND LEVEL.
- 20 3" SEWER LINE DOWN FROM 2ND LEVEL.
- 21 EXTEND EXISTING EXTERIOR CLEANOUT TO NEW FINISHED FLOOR AND PROVIDE NEW "FCO" FLOOR CLEANOUT COVER.
- 22 4" INSULATED EMERGENCY STORM DRAIN LEADER DOWN FROM EMERGENCY ROOF DRAIN.
- 23 4" INSULATED EMERGENCY STORM DRAIN LINE DOWN TO STORM DRAIN NOZZLE AT 18" A.F.F.

24 REFER TO PLUMBING GAS SITE PLAN, SHEET P1.01 FOR CONTINUATION.  
 25 2" GAS LINE UP FROM BELOW GRADE. PROVIDE SHUTOFF VALVE AND SLEEVE THRU WALL.  
 26 RUN 1-1/4" GAS LINE TO EACH DRYER. CONNECT AS REQUIRED PROVIDING CUTOFF VALVE AND DRIP LEG.

NOTE: REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.

NOTE: COORDINATE ROUTING OF PIPING/DUCTWORK WITH STRUCTURAL BEAMS, JOINTS, CONDUIT, ETC. IN FIELD. PROVIDE OFFSET AS REQUIRED FOR CEILING ELEVATION CHANGES, ETC. AS REQUIRED.

NOTE: PROVIDE FIRE CAULKING, SLEEVES, ETC. AT ALL PENETRATIONS THROUGH WALL ASSEMBLIES AS REQUIRED TO COMPLY WITH UL LISTING OF ASSEMBLY. REFER TO ARCHITECTURAL DRAWINGS FOR UL ASSEMBLY DESIGNATIONS FOR ALL WALLS. VERIFY ALL WALL TYPES WITH ARCHITECTURAL PLANS.



**4 ENLARGED PLUMBING PLAN - MEETING ROOM & UMPIRE SPACES**

3/16" = 1'-0"



**ADG ENGINEERING**

ASSOCIATED DESIGN GROUP, INC.  
 3909 West Congress Street, Suite 201  
 Lafayette, Louisiana 70506  
 Phone: (504) 234-9710  
 Email: adginc@adginc.org

Project No. 25166

PROJECT #: 25-72-25  
 DATE: 02/13/2026  
 FOR: CONSTRUCTION  
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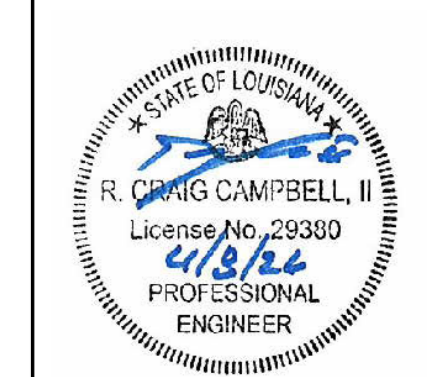
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ENLARGED PLUMBING PLANS

**P2.21R1**

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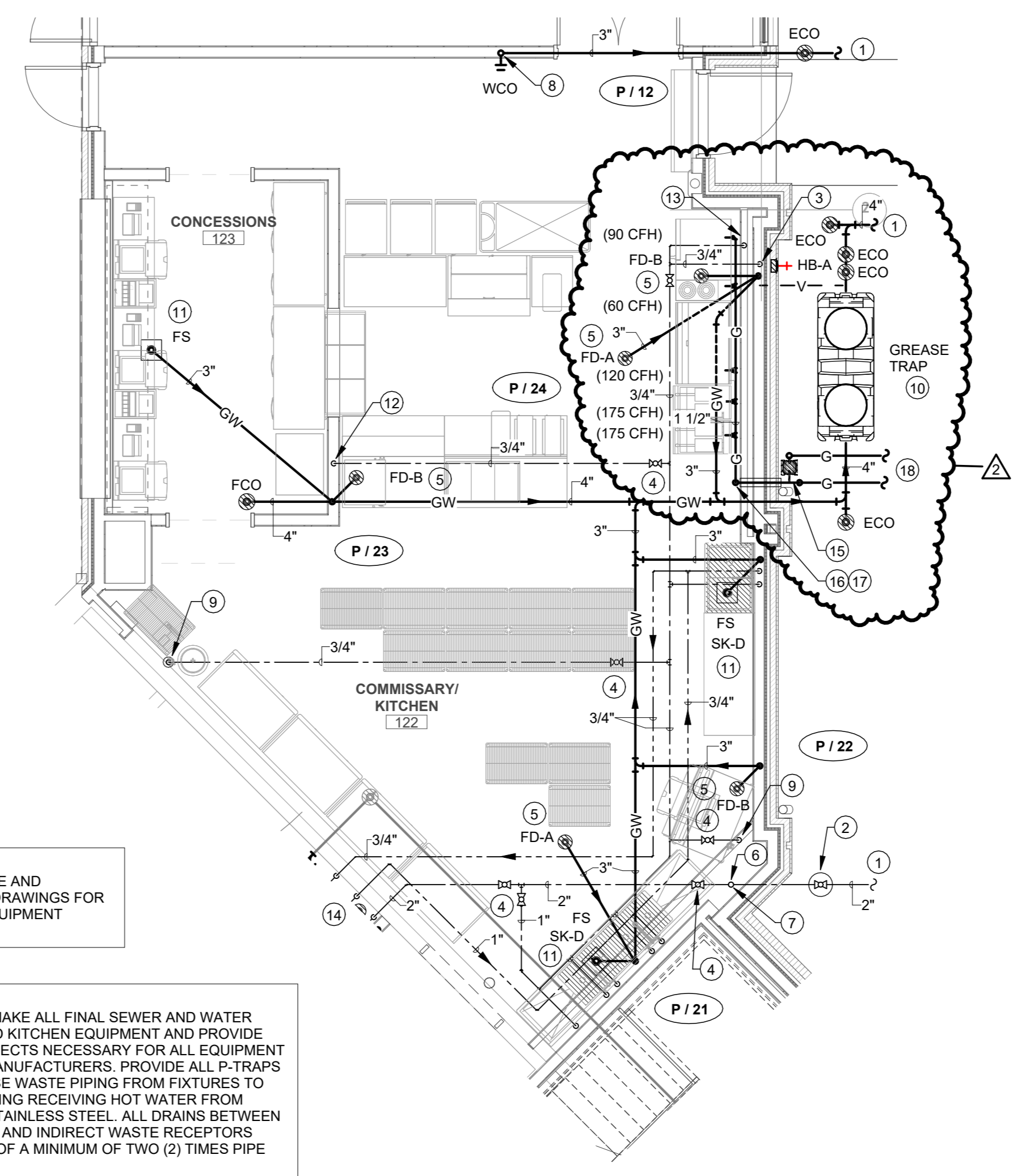


**GENERAL PLUMBING NOTES:**

- ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL CODES (INCLUDING INTERNATIONAL PLUMBING CODE, INTERNATIONAL BUILDING CODE, INTERNATIONAL FUEL GAS CODE, NFPA, ETC.) AND APPLICABLE DEQ AND DHP/DP REGULATIONS TO THE SATISFACTION OF THE AUTHORITIES HAVING JURISDICTION. CONTRACTOR SHALL OBTAIN REQUIRED PERMITS AND APPROPRIATE WORK AUTHORIZATION PRIOR TO BEGINNING WORK.
- CONTRACTOR SHALL VERIFY EXACT LOCATION OF UTILITIES, INVERT ELEVATIONS, ETC. PRIOR TO BEGINNING ANY ROUGH-IN OF SUBSURFACE WORK. COORDINATE ALL UTILITY TIE-IN REQUIREMENTS WITH RESPECTIVE UTILITIES.
- REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS, DETAILS, ETC. INSTALL WORK TO CONFORM TO ARCHITECTURAL AND STRUCTURAL DRAWINGS AS REQUIRED. REVIEW COMPLETE SET OF CONTRACT DOCUMENTS PRIOR TO SUBMITTING BID.
- COORDINATE ALL UTILITY SERVICE DISRUPTIONS TO OTHER UTILITY CUSTOMERS WITH RESPECTIVE UTILITY. ALL UTILITY RELOCATION (SUCH AS WATER) SHALL BE DONE IN STRICT COMPLIANCE WITH UTILITY COMPANY STANDARDS AND REQUIREMENTS. CONTACT UTILITY COMPANY AND VERIFY AND (DOCUMENT) REQUIREMENTS, COST, CHARGES, ETC. CONTRACTOR SHALL FULLY COMPLY WITH ALL UTILITY COMPANY REQUIREMENTS.
- COORDINATE ALL WORK THROUGH GENERAL CONTRACTOR. COORDINATE CUTTING, PATCHING, TRENCHING WORK WITH SITE GRADING/PAVING PLAN.
- UNDERGROUND UTILITIES ARE APPROXIMATE. VERIFY INVERTS AND EXACT LOCATIONS WITH UTILITY PERSONNEL. VERIFY ALL EASEMENTS WITH APPROPRIATE PARTIES. ADJUST ALL UTILITY LINES ACCORDINGLY.
- COORDINATE INSTALLATION OF ALL PLUMBING, PIPING, ETC. WITH STRUCTURE.
- ALL DOMESTIC WATER BRANCH LINES SHALL HAVE VALVES AT MAINLINES.

**PLUMBING KEYNOTES:**

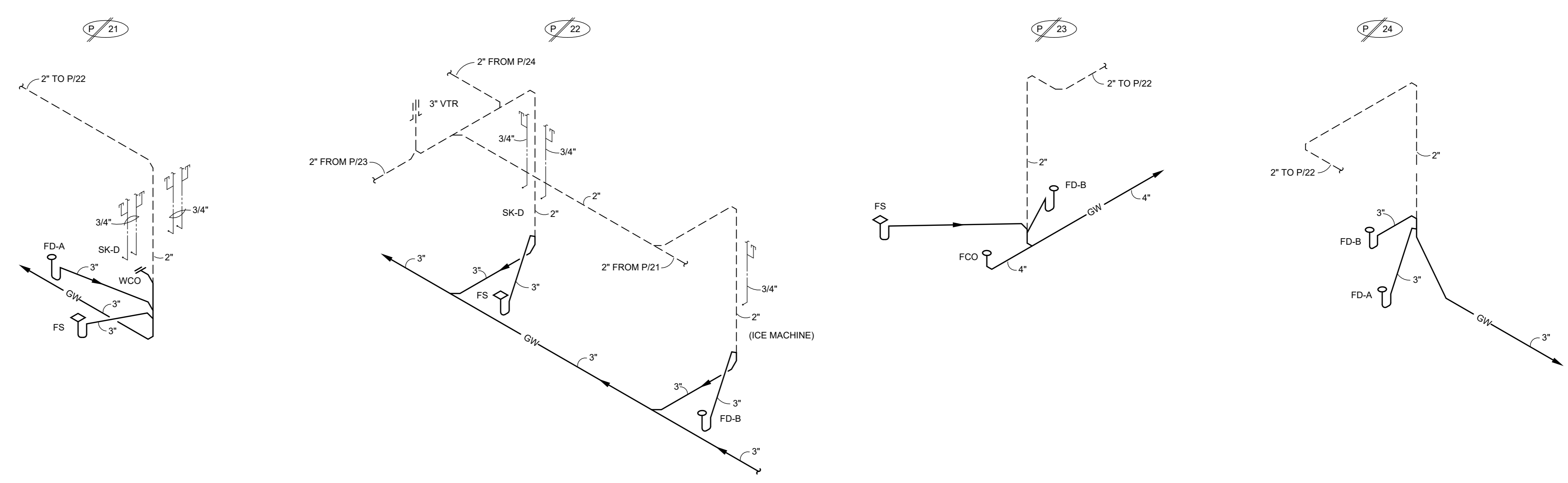
- REFER TO PLUMBING GROUND LEVEL, SHEET P2.01 FOR CONTINUATION.
- PROVIDE A CUTOFF VALVE IN A CAST IRON VALVE BOX WITH METAL COVER MARKED "WATER".
- 3/4" COLD WATER LINE DOWN IN WALL AND OUT TO HOSE BIBB. PROVIDE ACCESSIBLE BALL TYPE CUTOFF VALVE ABOVE CEILING.
- PROVIDE A BALL TYPE CUTOFF VALVE ABOVE ACCESSIBLE CEILING IN THIS VICINITY.
- PROVIDE PROSET TRAP GUARD TRAP PRIMER INSERT IN FLOOR DRAIN.
- 2" DOMESTIC COLD WATER LINE UP FROM BELOW SLAB. CONTINUE UP TO ABOVE 1ST LEVEL CEILING.
- 1-1/4" DOMESTIC COLD WATER LINE UP TO 2ND LEVEL.
- 3" SEWER LINE DOWN FROM 2ND LEVEL.
- INSTALL WATER FILTER (FURNISHED BY OTHERS) ON WALL FOR ICE MACHINE. REFER TO DETAIL. CONNECT FILTERED WATER TO ICE MACHINE.
- PROVIDE 1,000 GALLON GREASE TRAP. REFER TO SHEET P3.01 DETAIL 1.
- PIPE INDIRECT DRAIN LINE FROM SINK DRAIN TO FLOOR SINK WITH AIR GAP. COORDINATE WITH KITCHEN EQUIPMENT CONTRACTOR FOR EXACT LOCATION AND REQUIREMENTS.
- 1/2" COLD WATER LINE DOWN TO STEAMER AND RUN DRAIN LINE FROM STEAMER TO FLOOR DRAIN WITH AIR GAP. COORDINATE WITH KITCHEN EQUIPMENT CONTRACTOR FOR EXACT LOCATION AND REQUIREMENTS.
- 3/4" COLD WATER LINE DOWN TO OVEN AND RUN DRAIN LINE FROM OVEN TO FLOOR DRAIN WITH AIR GAP. COORDINATE WITH KITCHEN EQUIPMENT CONTRACTOR FOR EXACT LOCATION AND REQUIREMENTS.
- REFER TO SHEET P2.22 FOR CONTINUATION.
- CONTRACTOR SHALL PROVIDE AND INSTALL GAS REGULATOR & SHUTOFF VALVE DOWN FROM 25-30PSI TO 0.5 PSI (920 CFH DEMAND).
- PLUMBING CONTRACTOR SHALL INSTALL MECHANICAL GAS VALVE BELOW CEILING AS PROVIDED BY HOOD SUPPRESSION CONTRACTOR. PROVIDE CUTOFF VALVE UPSTREAM OF MECHANICAL VALVE.
- 1-1/2" GAS LINE DOWN TO 18" ABOVE FLOOR LEVEL AND CONTINUE WITH 1-1/2" GAS LINE ON PIPE SUPPORTS ALONG FLOOR BEHIND EQUIPMENT UNDER HOOD. PROVIDE SHUTOFF VALVE WITH DRIP LEG AND CONNECT TO EACH PIECE OF KITCHEN EQUIPMENT REQUIRING GAS. COORDINATE WITH KITCHEN EQUIPMENT CONTRACTOR.
- REFER TO PLUMBING GAS SITE PLAN, SHEET P1.01 FOR CONTINUATION.



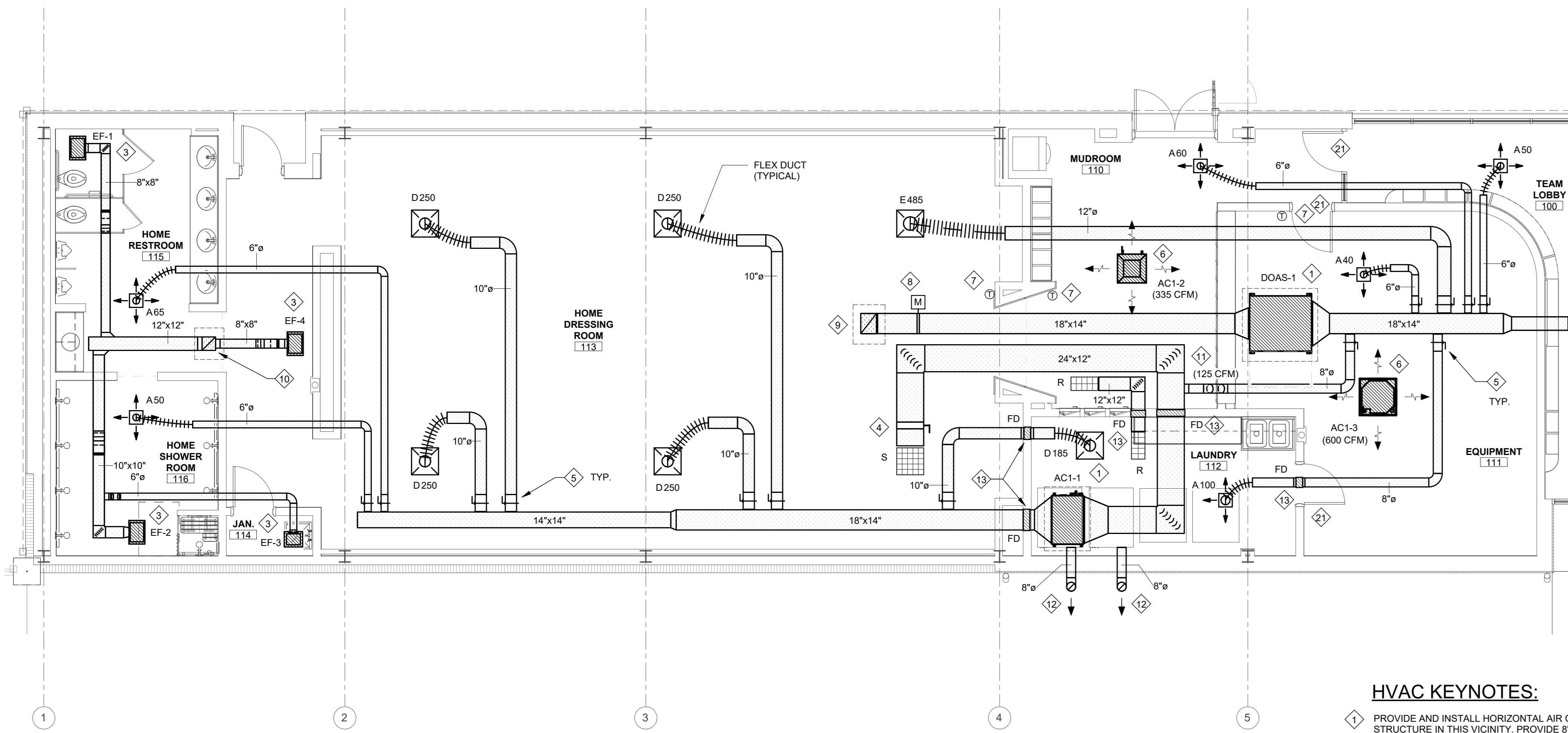
NOTE:  
 CONTRACTOR SHALL COORDINATE AND REFERENCE ALL FOOD SERVICE DRAWINGS FOR FURTHER CLARIFICATIONS ON EQUIPMENT INSTALLATION.

NOTE:  
 PLUMBING CONTRACTOR SHALL MAKE ALL FINAL SEWER AND WATER CONNECTIONS TO ALL FURNISHED KITCHEN EQUIPMENT AND PROVIDE ANY FITTINGS OR QUICK DISCONNECTS NECESSARY FOR ALL EQUIPMENT TO FUNCTION AS INTENDED BY MANUFACTURERS. PROVIDE ALL P-TRAPS AND ANGLE SUPPLIES. ALL GREASE WASTE PIPING FROM FIXTURES TO GREASE TRAP AND ALL DRAIN PIPING RECEIVING HOT WATER FROM KITCHEN EQUIPMENT SHALL BE STAINLESS STEEL. ALL DRAINS BETWEEN THE FOOD HANDLING EQUIPMENT AND INDIRECT WASTE RECEPTORS SHALL TERMINATE WITH AIR GAP OF A MINIMUM OF TWO (2) TIMES PIPE (DRAIN PIPE) DIAMETER.

**1 ENLARGED PLUMBING PLAN - COMMISSARY / KITCHEN**  
 3/16" = 1'-0"



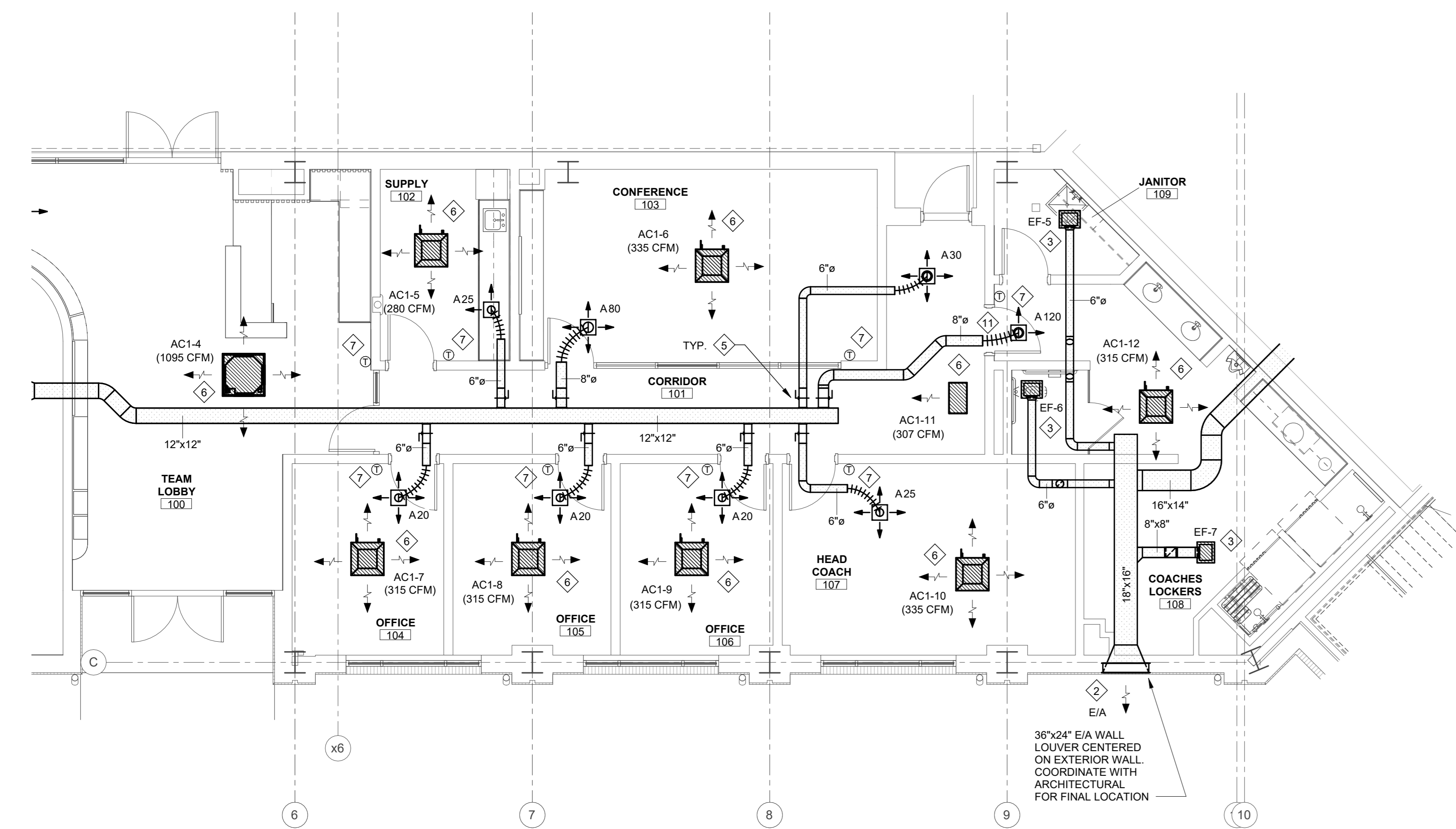
**2 PLUMBING RISER DIAGRAMS - COMMISSARY / KITCHEN**  
 N.T.S.



**1 ENLARGED HVAC PLAN - TEAM CLUBHOUSE**

3/16" = 1'-0"

NOTE: REFER TO ARCHITECTURAL PLANS FOR ALL DIMENSIONS.



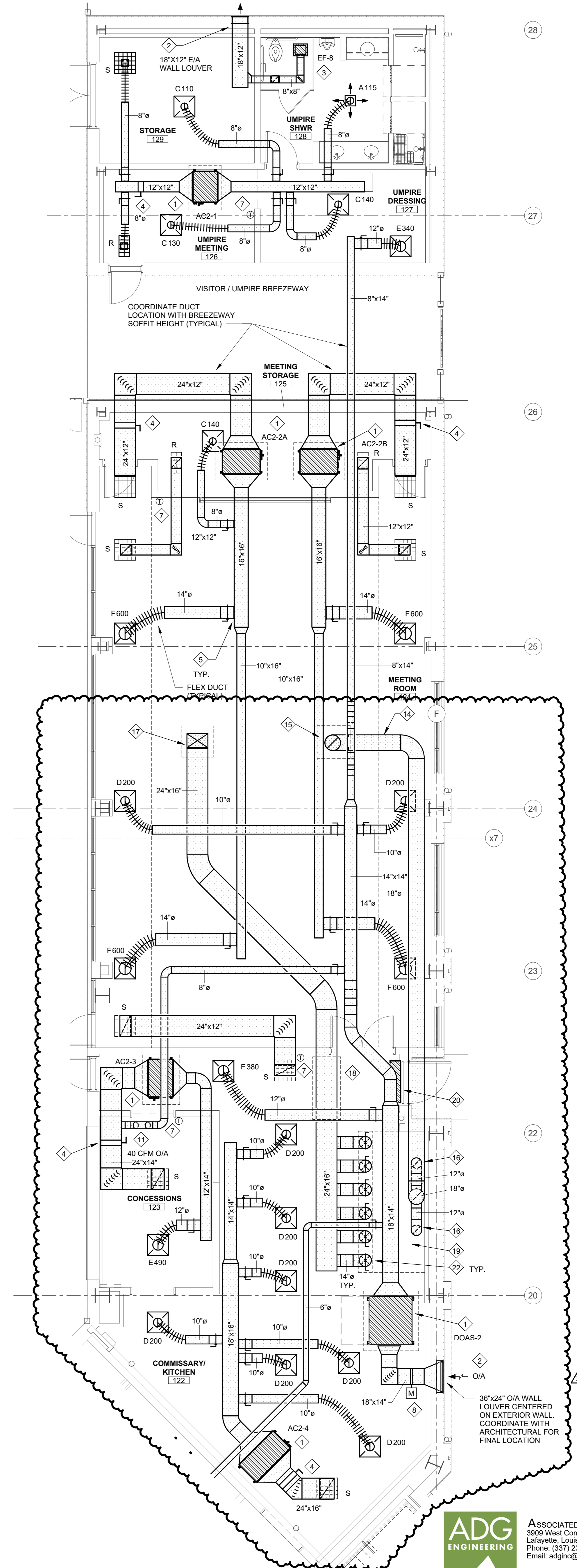
**2 ENLARGED HVAC PLAN - COACHES OFFICES**

3/16" = 1'-0"

NOTE: REFER TO ARCHITECTURAL PLANS FOR ALL DIMENSIONS.

**HVAC KEYNOTES:**

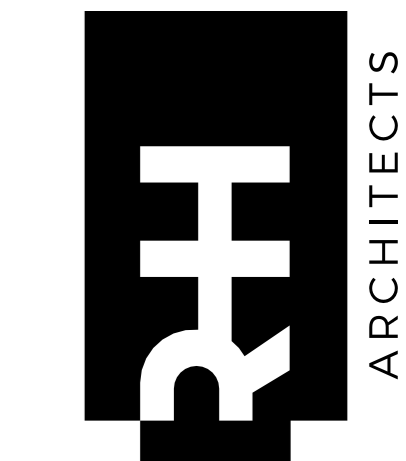
- 1 PROVIDE AND INSTALL HORIZONTAL AIR CONDITIONING UNIT SUSPENDED FROM STRUCTURE IN THIS VICINITY. PROVIDE 8" PAINTED IRON FRAME AND RUBBER ISOLATION PADS BELOW AIR CONDITIONING UNIT IN DRAIN PAN WITH FLOAT SWITCH. PROVIDE SUPPLY AND RETURN DUCT AS SHOWN. COORDINATE LOCATION OF UNIT WITH ALL TRADES, PROVIDING APPROPRIATE CLEARANCE TO ACCESS EQUIPMENT. REFER TO HVAC PIPING PLAN FOR ROUTING OF INSULATED CONDENSATE PIPING. SHALL BE PROVIDED WITH FACTORY FILTER RACK SIZED BASED ON UNIT SIZE/TONNAGE.
- 2 PROVIDE A HEAVY GAUGE EXTRUDED ALUMINUM WALL LOUVER WITH BIRDSCREEN AT SIZE INDICATED, DRIP CAP, EXTENDED SILL, AND ANODIZED FINISH (COLOR BY ARCHITECT). LOUVER SHALL BE GREENHECK EVH-501D HIGH VELOCITY WIND DRIVEN RAIN DRAINABLE STATIONARY LOUVER OR APPROVED EQUAL WITH BACKDRAFT DAMPER. CONNECT DUCTWORK FULL SIZE TO LOUVER. REFER TO ARCHITECTURAL DRAWINGS FOR LOUVER LOCATIONS PRIOR TO INSTALLATION. MAINTAIN 10'-0" MINIMUM BETWEEN EXHAUST AIR LOUVER AND ANY OUTSIDE AIR OPENINGS.
- 3 PROVIDE AND INSTALL CEILING MOUNTED EXHAUST FAN IN THIS VICINITY. PROVIDE ALL WIRING, CONTROLS, DUCTWORK, ETC. REQUIRED FOR PROPER INSTALLATION AND OPERATION. PROVIDE MOTION OCCUPANCY SENSOR (CEILING TYPE WITH 15 MINUTE TIMER) FOR ON/OFF CONTROL OF EXHAUST FAN. SENSOR SHALL BE PROVIDED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR. COORDINATE LOCATION OF FAN AND SENSOR WITH ARCHITECTURAL CEILING PLAN, LIGHTS, AND ALL OTHER CEILING DEVICES. COLOR OF MOTION SENSOR SHALL MATCH COLOR OF LIGHT SWITCH COVERS.
- 4 PROVIDE AND INSTALL A MANUAL BALANCING DAMPER IN DUCTWORK IN THIS VICINITY.
- 5 PROVIDE AND INSTALL A MANUAL DAMPER AT DUCT TAP SPIN FITTING AND BALANCE TO CFM INDICATED AT DIFFUSER. DUCT TAPS SHALL BE A MINIMUM OF 12" FROM END OF SUPPLY AIR DUCT (TYPICAL).
- 6 PROVIDE AND INSTALL CEILING CASSETTE IN THIS VICINITY AS PER MANUFACTURER'S INSTRUCTIONS AND DIRECTIONS. PROVIDING ALL ACCESSORIES AND ITEMS REQUIRED. COORDINATE LOCATION WITH ARCHITECTURAL PLANS, LIGHTS, AND ALL OTHER CEILING DEVICES. REFER TO HVAC PIPING PLAN FOR ROUTING OF INSULATED CONDENSATE PIPING.
- 7 PROVIDE SIMPLE MA CONTROLLER ON WALL IN THIS VICINITY. COORDINATE FINAL LOCATIONS IN FIELD WITH ARCHITECT / OWNER PRIOR TO ROUGH-IN.
- 8 PROVIDE AND INSTALL A 120-140 ELECTRIC MOTORIZED DAMPER (INSULATED) AND MANUAL BALANCING DAMPER IN OUTSIDE AIR DUCTWORK IN THIS VICINITY. INTERLOCK MOTORIZED DAMPER TO RESPECTIVE A/C UNIT TO OPEN WHEN UNIT IS HEATING OR COOLING AND CLOSE WHEN UNIT IS NOT HEATING OR COOLING. PROVIDE ALL WIRING, RELAYS, ETC. REQUIRED FOR PROPER OPERATION. INSTALL MOTORIZED DAMPER IN ACCESSIBLE LOCATION.
- 9 OUTSIDE AIR DUCT DOWN FROM LOW SILHOUETTE INTAKE HOOD ON ROOF - ACME MODEL EV (24"x12" THROAT) OR APPROVED EQUAL.
- 10 14"x12" EXHAUST AIR DUCT UP TO LOW SILHOUETTE INTAKE HOOD ON ROOF - ACME MODEL EV (24"x12" THROAT) OR APPROVED EQUAL.
- 11 CONNECT OUTSIDE AIR DUCT TO RETURN AIR DUCT IN THIS VICINITY. BALANCE TO CFM SHOWN.
- 12 8" ROUND RYER VENT THRU WALL IN THIS VICINITY (3'-0" LENGTH). PROVIDE 90 DEGREE ELBOW AT EXTERIOR OF BUILDING. OPENING SHALL BE 2" LARGER THAN VENT DIAMETER, AND VENT SHALL BE CENTERED IN OPENING. REFER TO INSTALLATION MANUAL FOR ADDITIONAL REQUIREMENTS.
- 13 PROVIDE AND INSTALL FIRE DAMPER WITH ACCESS PANEL IN DUCTWORK IN THIS VICINITY.
- 14 EXHAUST AIR DUCT (FOR FUTURE KITCHEN HOOD) RUN ABOVE CEILING AS SHOWN. SLOPE DUCT AND PROVIDE CLEANOUTS / ACCESS PANELS EVERY CHANGE OF DIRECTION AND 12'-0" O.C.) AS PER NFPA REQUIREMENTS.
- 15 EXHAUST AIR DUCT (FOR FUTURE KITCHEN HOOD) RUN UP THRU ROOF IN THIS VICINITY TO ROOF CURB. CONTRACTOR SHALL OBTAIN CURB (26-1/2" W x 26-1/2" L x 20" H) FROM CAPTIVEAIRE. CAP ROOF CURB FOR FUTURE EXHAUST FAN INSTALLATION. MAINTAIN 10'-0" MINIMUM BETWEEN CURB FOR FUTURE EXHAUST FAN AND INTAKE HOOD.
- 16 CAP EXHAUST AIR DUCT IN THIS VICINITY FOR CONNECTION TO FUTURE KITCHEN HOOD.
- 17 OUTSIDE AIR DUCT (FOR FUTURE KITCHEN HOOD) RUN UP THRU ROOF IN THIS VICINITY TO LOW SILHOUETTE INTAKE HOOD - ACME MODEL EV (24"x24" THROAT SIZE) OR APPROVED EQUAL. MAINTAIN 10'-0" MINIMUM BETWEEN INTAKE HOOD AND CURB FOR FUTURE EXHAUST FAN. PAINT HOOD COLOR AS DIRECTED BY ARCHITECT.
- 18 FUTURE INLINE OUTSIDE AIR FAN FOR FUTURE KITCHEN HOOD.
- 19 FUTURE KITCHEN HOOD LOCATION. REFER TO FOOD SERVICE DRAWINGS.
- 20 PROVIDE AND INSTALL MARS AIR SYSTEMS MODEL STD248-1E (OR APPROVED EQUAL) STANDARD TYPE HEATED AIR CURTAIN (12 HP, 1149 CFM, 6 KW @ 208 VOLT, 1 PHASE). INSTALL PER MANUFACTURER'S RECOMMENDATIONS AND WRITTEN INSTALLATION INSTRUCTIONS.
- 21 UNDERCUT DOOR 3/4" FOR TRANSFER AIR.
- 22 CAP OUTSIDE AIR DUCT IN THIS VICINITY FOR CONNECTION TO FUTURE KITCHEN HOOD. PROVIDE MANUAL VOLUME DAMPER FOR AIR BALANCING.



**3 ENLARGED HVAC PLAN - MEETING**

3/16" = 1'-0"

NOTE: REFER TO ARCHITECTURAL PLANS FOR ALL DIMENSIONS.



CONSULTANTS:  
SELLERS & ASSOCIATES, INC.  
CIVIL ENGINEER  
FOX NEBIT ENGINEERING  
STRUCTURAL ENGINEER  
ASSOCIATED DESIGN GROUP  
MECHANICAL ENGINEER  
ASSOCIATED DESIGN GROUP  
ELECTRICAL ENGINEER

CONSTRUCTION DOCUMENTS for  
**NEW BASEBALL STADIUM ATHLETIC COMPLEX  
FACILITY - PHASE 2**  
LOUISIANA STATE UNIVERSITY/EUNICE  
LSUE Campus Drive, Eunice, LA 70535

PROJECT #: 25-72-25  
DATE: 02/13/2026  
FOR: CONSTRUCTION  
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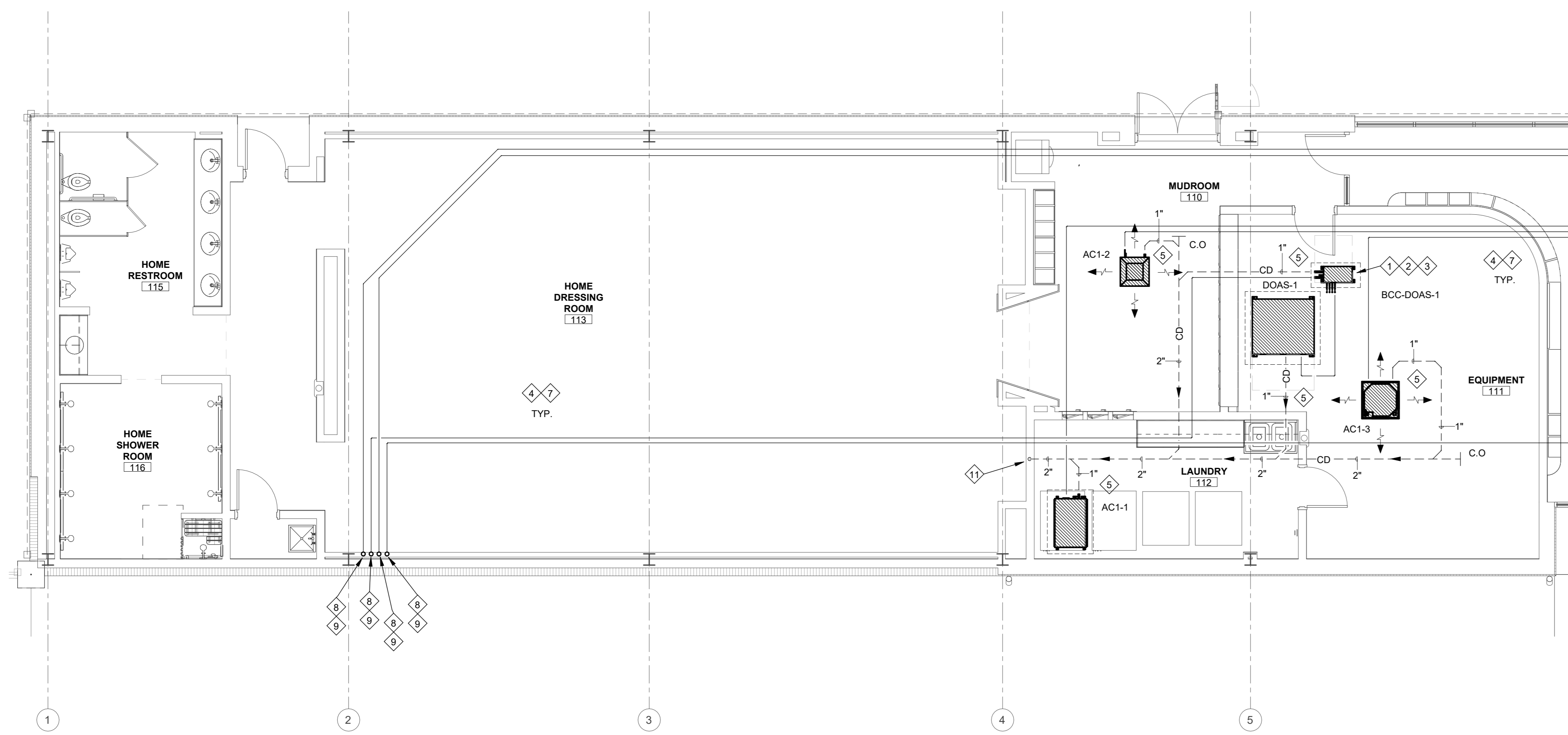
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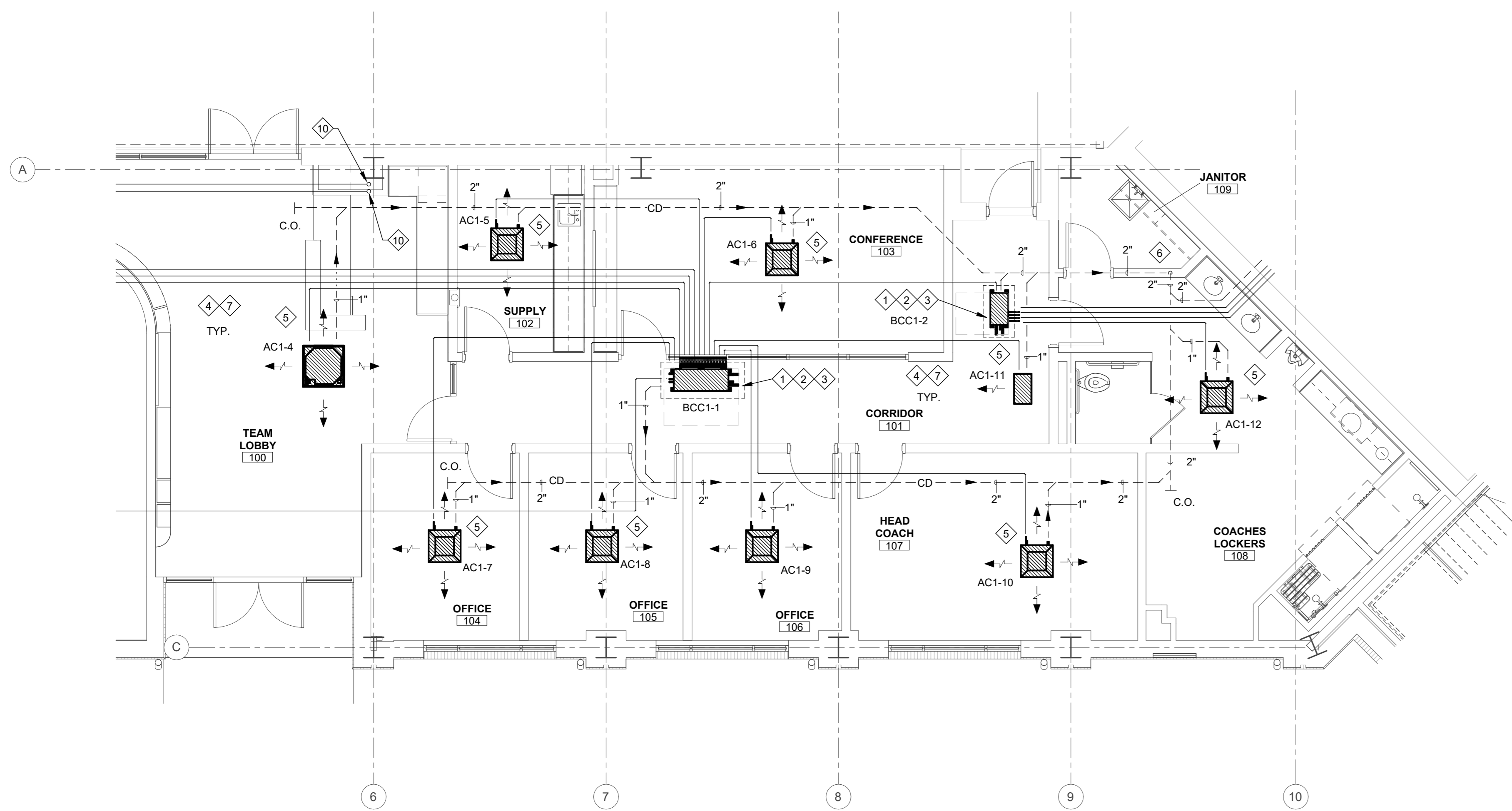
ENLARGED HVAC  
PLANS

M2.21R1





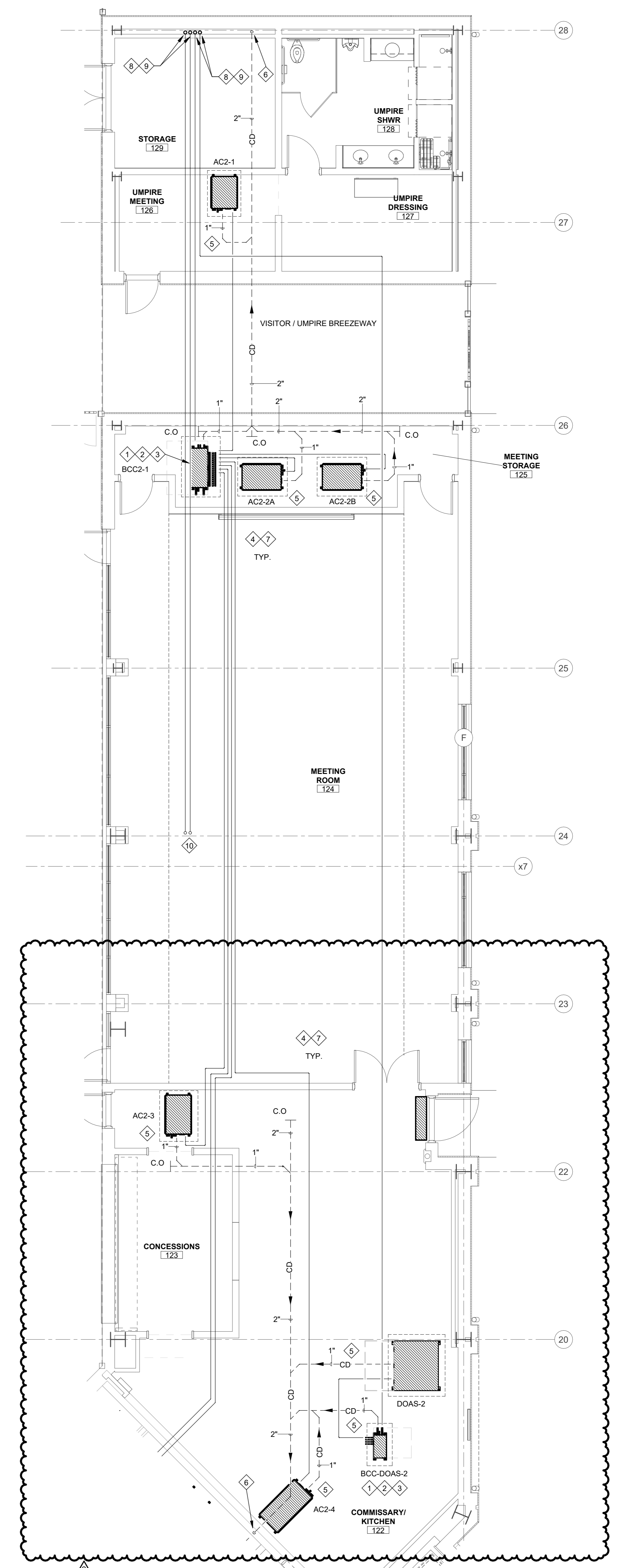
**1 ENLARGED HVAC PIPING PLAN - TEAM CLUBHOUSE**  
 3/16" = 1'-0"  
 NOTE: REFER TO ARCHITECTURAL PLANS FOR ALL DIMENSIONS.



**2 ENLARGED HVAC PIPING PLAN - COACHES OFFICES**  
 3/16" = 1'-0"  
 NOTE: REFER TO ARCHITECTURAL PLANS FOR ALL DIMENSIONS.

NOTE:  
 THE VARIABLE REFRIGERANT FLOW (VRF) SYSTEM HAS BEEN DESIGNED AND SELECTED IN ACCORDANCE WITH THE SAFETY REQUIREMENTS OF ASHRAE STANDARD 15 (SAFETY STANDARD FOR REFRIGERATION SYSTEMS) AND ASHRAE STANDARD 34 (DESIGNATION AND SAFETY CLASSIFICATION OF REFRIGERANTS). REFRIGERANT CONCENTRATION LIMITS (RCL) CALCULATIONS HAVE BEEN PERFORMED USING THE SELECTION SOFTWARE TO ENSURE THAT, IN THE EVENT OF A TOTAL REFRIGERANT LEAK FROM THE LARGEST INDEPENDENT CIRCUIT, THE CONCENTRATION OF REFRIGERANT (E.G., R-410A) IN THE SMALLEST ENCLOSED/OCCUPIED SPACE DOES NOT EXCEED THE ALLOWABLE ASHRAE 15 LIMITS. WHERE NECESSARY, MEASURES SUCH AS REFRIGERANT LEAK DETECTION, ALARM SYSTEMS, AND/OR SYSTEM PIPING DESIGN WILL BE IMPLEMENTED TO MAINTAIN COMPLIANCE. ALL FIELD-INSTALLED PIPING AND JOINTS SHALL BE TESTED TO ASME B31.5 REQUIREMENTS, AND ALL REFRIGERANT PIPE JOINTS WERE EXPOSED FOR VISUAL INSPECTION PRIOR TO BEING ENCLOSED, ENSURING PROPER CONTAINMENT AND SAFETY. AS PART OF THE VRF SYSTEMS FACTORY INTERLOCKED REFRIGERANT LEAK DETECTION AND MITIGATION SYSTEMS WAS WELL AS A TESTING FUNCTION IS INCLUDED IN ALL A2L SYSTEMS.

- HVAC KEYNOTES:**
1. INSTALL NEW BRANCH CONTROLLER ABOVE CEILING (SUSPENDED FROM STRUCTURE) IN THIS VICINITY. INSTALL AS PER MANUFACTURER'S INSTRUCTIONS AND DIRECTIONS, PROVIDING ALL ACCESSORIES AND ITEMS REQUIRED FOR PROPER OPERATION. COORDINATE LOCATION AND MOUNTING HEIGHT WITH GENERAL CONTRACTOR PRIOR TO ROUGH-INS.
  2. TYPE "L" SOFT COPPER SHALL BE USED FOR REFRIGERANT LINES FROM THE BRANCH CONTROLLER TO EACH INDIVIDUAL VRF UNIT BEING SERVED BY THAT SYSTEM EXCEPT WHERE LINES CAN BE SEEN FROM BELOW (EXPOSED). INSTALL ALL PIPING, TEES, ELBOWS, ETC. PER MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.
  3. PROVIDE AND INSTALL SERVICE BALL VALVE AT EACH BRANCH CONNECTION IN ACCESSIBLE LOCATION ABOVE CEILING.
  4. REFRIGERANT PIPING INDICATED ON PLANS IS DIAGRAMMATICAL AND IS SHOWN FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR SHALL OBTAIN PIPING DRAWINGS FROM EQUIPMENT SUPPLIER BEFORE ORDERING MATERIALS AND RESPECTIVE ROUGH-INS.
  5. ROUTE INSULATED CONDENSATE DRAIN LINE ABOVE CEILING TO CONDENSATE HEADER. REFER TO DETAIL.
  6. RUN 2" CONDENSATE HEADER DOWN IN WALL TO APPROXIMATELY 6" A.F.F. TURN OUT FROM WALL AND TERMINATE IN FLOOR DRAIN WITH 2" AIR GAP. REFER TO DETAIL. CONTRACTOR SHALL RUN PIPING IN A MANNER TO MINIMIZE THE AMOUNT OF EXPOSED CONDENSATE PIPING IN ROOM.
  7. CONTRACTOR SHALL FLUSH / CLEAN THE CONDENSATE DRAIN PIPING SYSTEM PRIOR TO EQUIPMENT START-UPS.
  8. REFRIGERANT PIPING UP FROM BELOW GRADE. REFER TO SHEET M2.24 FOR CONTINUATION.
  9. REFRIGERANT PIPING UP TO ABOVE FIRST FLOOR CEILING. CONTINUE ABOVE CEILING AS SHOWN.
  10. REFRIGERANT PIPING UP TO ABOVE SECOND FLOOR CEILING. REFER TO SHEET M3.23 FOR CONTINUATION.
  11. RUN 2" CONDENSATE HEADER DOWN IN WALL TO APPROXIMATELY 12" A.F.F. AND TERMINATE IN FLOOR DRAIN WITH 2" AIR GAP. REFER TO DETAIL. PROVIDE ACCESS PANEL IN WALL. REFER TO PLUMBING PLAN FOR EXACT LOCATION OF HUB DRAIN.

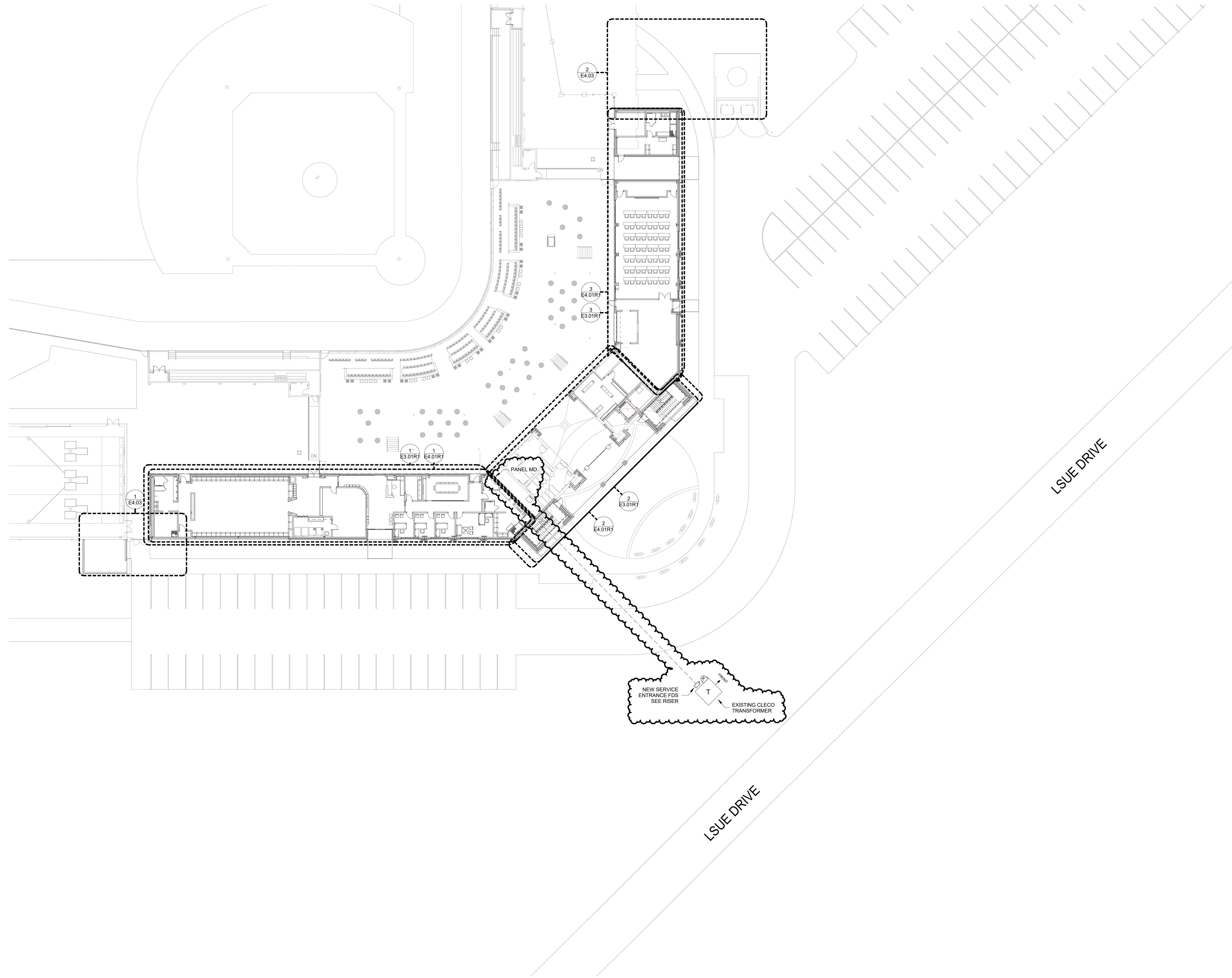


**3 ENLARGED HVAC PIPING PLAN - MEETING**  
 3/16" = 1'-0"  
 NOTE: REFER TO ARCHITECTURAL PLANS FOR ALL DIMENSIONS.

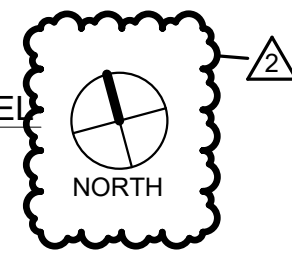
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① OVERALL PLAN - GROUND LEVEL  
1" = 20'-0"



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FOX NESSBIT ENGINEERING  
STRUCTURAL ENGINEER  
ASSOCIATED DESIGN GROUP  
MECHANICAL ENGINEER  
ASSOCIATED DESIGN GROUP  
ELECTRICAL ENGINEER

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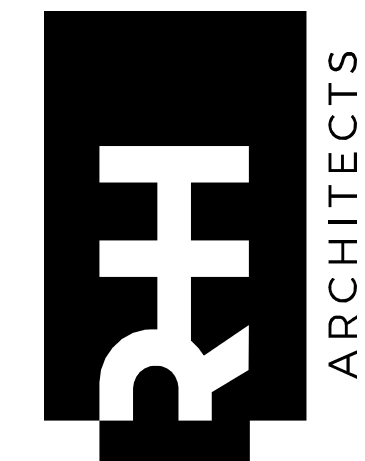
**ADG**  
ENGINEERING

ASSOCIATED DESIGN GROUP, Inc.  
3909 West Congress Street, Suite 201  
Lafayette, Louisiana 70506  
Phone: (337) 334-3710  
Email: adginc@adginc.org

Project No. 25166

OVERALL PLAN -  
GROUND LEVEL

E1.00R1





**ELECTRICAL GENERAL NOTES:**

- A. CONTRACTOR SHALL REFER TO ALL OTHER PORTIONS OF THE CONTRACT DOCUMENTS (PLANS, SPECIFICATIONS, ADDENDA, ARCHITECTURAL SUPPLEMENTAL INSTRUCTIONS AND ANY APPROVED CHANGE ORDERS) AND PROVIDE ALL LIGHT FIXTURES, OUTLETS, TELEDATA OUTLETS, SPEAKERS, AND ASSOCIATED CIRCUITRY AS IF ORIGINALLY INCLUDED ON THE ELECTRICAL PLANS. IF THERE ARE ANY DISCREPANCIES, CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER IN WRITING PRIOR TO ORDERING EQUIPMENT, ROUGH-IN FOR EQUIPMENT AND/OR INSTALLATION OF EQUIPMENT. PRIOR TO ROUGH-IN OF EQUIPMENT, CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING COPIES OF APPROVED SHOP DRAWINGS OF SUCH EQUIPMENT AND REVIEWING SAID SUBMITTALS TO ENSURE COMPATIBILITY WITH THE ELECTRICAL SYSTEM. CONTRACTOR SHALL IMMEDIATELY NOTIFY ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BETWEEN THE REQUIRED ROUGH-IN REQUIREMENTS AND THE ELECTRICAL SYSTEM.
- B. COORDINATE INSTALLATION OF ALL CEILING MOUNTED DEVICES WITH ARCHITECT PRIOR TO ROUGH-IN.
- C. COORDINATE EXACT PLACEMENT FOR ALL DEVICES WHERE MILLWORK IS PRESENT PRIOR TO ROUGH-IN. DO NOT ROUGH-IN BEHIND CABINETS, DRAWERS, ETC. RENDERING DEVICE UNUSABLE.
- D. CONTRACTOR SHALL PROPERLY SEAL PENETRATIONS TO RATED ASSEMBLIES AND ALL EXTERIOR WALLS TO PROPERLY MAINTAIN RATING & ASSEMBLIES AND BUILDING ENVELOPE.
- E. CONTRACTOR SHALL VISIT THE SITE AND FIELD VERIFY EXISTING CONDITIONS PRIOR TO BIDDING ANY WORK TO BE DONE.
- F. AS A MINIMUM ALL ELECTRICAL WORK SHALL COMPLY WITH THE 2020 EDITION OF THE NATIONAL ELECTRICAL CODE.
- G. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- H. RECEPTACLES WITHIN 6' OF A SINK OR LAVATORY SHALL HAVE GFCI PROTECTION.
- I. ALL 120V 15A & 20 RECEPTACLES IN FOOD PREP AREAS SHALL BE GFCI PROTECTED AS REQUIRED BY NEC.
- J. ALL NEW CIRCUIT BREAKERS WITHIN EACH EXISTING PANELBOARD SHALL BE THE SAME MANUFACTURER TYPE, STYLE AND A.I.C. RATING OF EXISTING PANELBOARD.
- K. VERIFY REQUIREMENTS FOR ALL OWNER FURNISHED EQUIPMENT PRIOR TO ROUGH-IN.
- L. REFER TO ARCHITECTURAL REFLECTED CEILING FOR ALL CEILING MOUNTED DEVICES.
- M. CIRCUITS SHALL HAVE DEDICATED NEUTRALS. NEUTRALS SHALL NOT BE SHARED.
- N. SPEAKER CABLING SHALL BE RUN FREE AIR ABOVE ACCESSIBLE CEILING WITH J-HOOKS AND IN CONDUIT IN UNACCESSIBLE SPACES AND EXTERIOR LOCATIONS.
- O. WIRELESS ACCESS POINT (WAP) LOCATION(S) SHALL BE COORDINATED WITH ARCHITECTURAL RCP AND ALL OTHER TRADES. COORDINATE LOCATIONS WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN. CONTRACTOR SHALL PROVIDE HPE ARUBA635 OR APPROVED EQUIVALENT.

**ELECTRICAL KEYNOTES:**

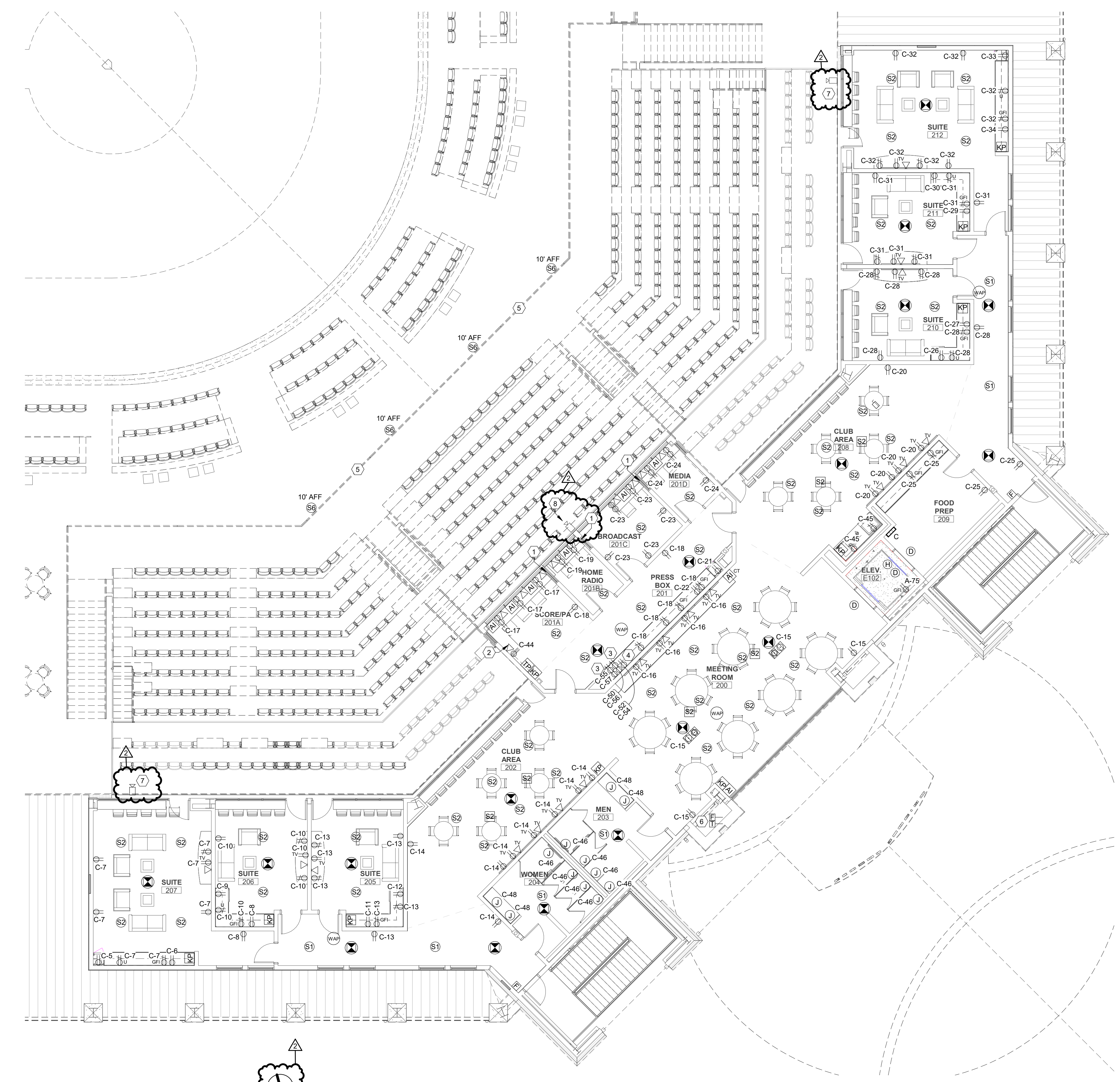
- 1. CONTRACTOR SHALL INSTALL WALL SLEEVES FOR CABLE PASS THROUGH.
- 2. CONTRACTOR SHALL RELOCATE SCOREBOARD EQUIPMENT RACK FROM DATA CLOSET TO PRESS BOX AT APPROXIMATE LOCATION INDICATED. VERIFY FINAL LOCATION WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN. CONTRACTOR SHALL RE-PULL FIBER LINE FROM SCOREBOARD TO NEW RACK LOCATION.
- 3. EACH DUPLEX RECEPTACLE SHALL BE A DEDICATED CIRCUIT FOR THE INDICATED DOUBLE DUPLEX. CIRCUIT AS INDICATED.
- 4. EACH SOCKET SHALL BE A DEDICATED CIRCUIT FOR THE INDICATED DUPLEX RECEPTACLE. CIRCUIT AS INDICATED.
- 5. CONTRACTOR SHALL RUN 1" CONDUIT FOR SPEAKER CABLING FROM SOUND RACK TO SPEAKER LOCATION INDICATED.
- 6. CONTRACTOR SHALL INTEGRATE TAMPER AND FLOW SWITCHES TO FACILITY FIRE ALARM SYSTEM. PROVIDE 120V POWER TO SWITCHES FROM NEAREST AVAILABLE CIRCUIT AS NEEDED.
- 7. CAMERA BACK BOX SHALL BE WALL MOUNTED 12'-0" AFF. PROVIDE AND INSTALL PULLSTRING FOR FUTURE CABLING. VERIFY FINAL MOUNTING AND LOCATION WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN. 3/4" CONDUIT SHALL BE INSTALLED IN UNACCESSIBLE SPACES AND IN THROUGH WALLS.
- 8. TRACKMAN VS CAMERA (PROVIDED BY CONTRACTOR) SHALL BE MOUNTED 11'-3" AFF. VERIFY FINAL MOUNTING HEIGHT WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN. CONTRACTOR SHALL PROVIDE 120V POWER FROM C-58 AND PROVIDE AND INSTALL CAT6 CABLE FROM CAMERA TO NETWORK SWITCH IN DATA CLOSET.

**FIRE ALARM SYSTEM REQUIREMENTS:**

IT IS THE INTENT OF THESE CONTRACT DOCUMENTS THE EXISTING FIRE ALARM SYSTEM BE EXTENDED/EXPANDED TO PROVIDE PROPER NFPA 101/72 COVERAGE FOR NEW STADIUM ADDITIONS (CLUB HOUSE WING, MEETING/IMPRES WING AND UPPER SUITE/PRESS BOX LEVEL). ALL AUDIBLE DEVICES SHALL BE VOICE-EVAC/STROBE. THE BIDDER SHALL INCLUDE ALL LASFM REQUIRED SUBMITTAL INFORMATION AND FEES IN BID. BIDDER SHALL BE LOCAL FACTORY AUTHORIZED DEALER OF EXISTING SYSTEM AND INCLUDE CERTIFICATION OF SUCH IN SUBMITTALS.

IT IS THE BIDDER'S RESPONSIBILITY TO VERIFY SPECIFIC EQUIPMENT NEEDS AND COORDINATE WITH THE ELECTRICAL CONTRACTOR TO OBTAIN DESIRED 120 VOLT POWER FOR EQUIPMENT AND COMMUNICATION. FIRE ALARM SHALL BE INTERCONNECTED WITH STADIUM SOUND SYSTEM FOR OVERRIDE FOR VOICE EVACUATION AUDIBLE NOTIFICATION.

ALL CABLING THRU CORRIDOR OR NEW CONSTRUCTION WALLS SHALL BE SLEEVED (UTILIZE EMT - 2" MIN.). ALL WIRING SHALL BE RUN IN NEW RACEWAYS - CONCEALED UNLESS RUNNING ABOVE ACCESSIBLE SUSPENDED ACOUSTICAL CEILINGS - J HOOKS REQUIRED THESE SPACES.



1 POWER & SPECIAL SYSTEMS PLAN - SUITE LEVEL  
1/8" = 1'-0"

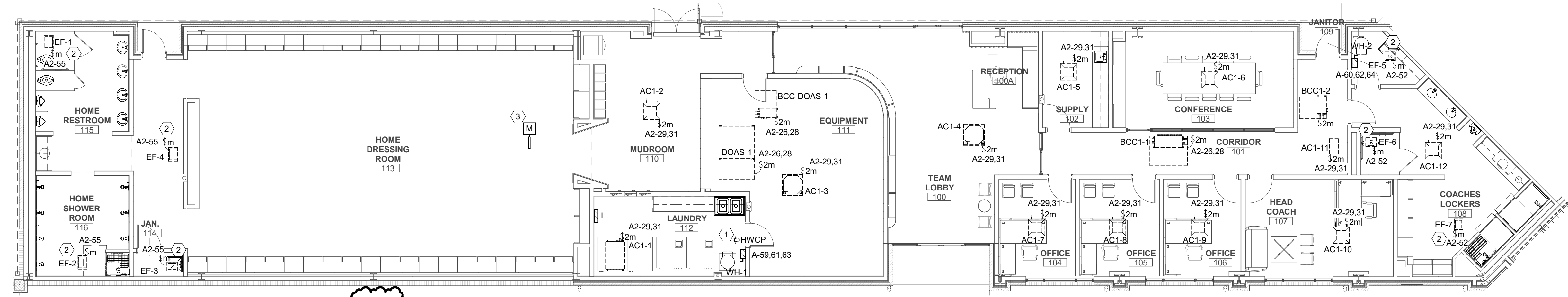
PROJECT #: 25-72-25  
DATE: 02/13/2026  
FOR: CONSTRUCTION  
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REVISION	DATE
2. ADDENDA #1	04/08/26
1. B.V. REVISIONS	02/13/26

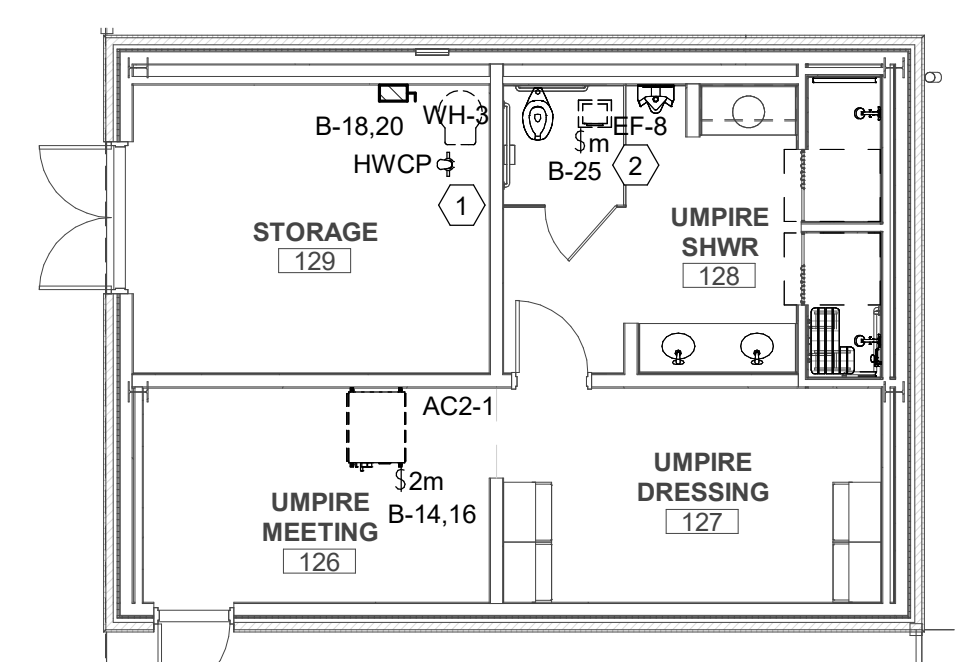


POWER & SPECIAL SYSTEMS PLAN - SUITE LEVEL

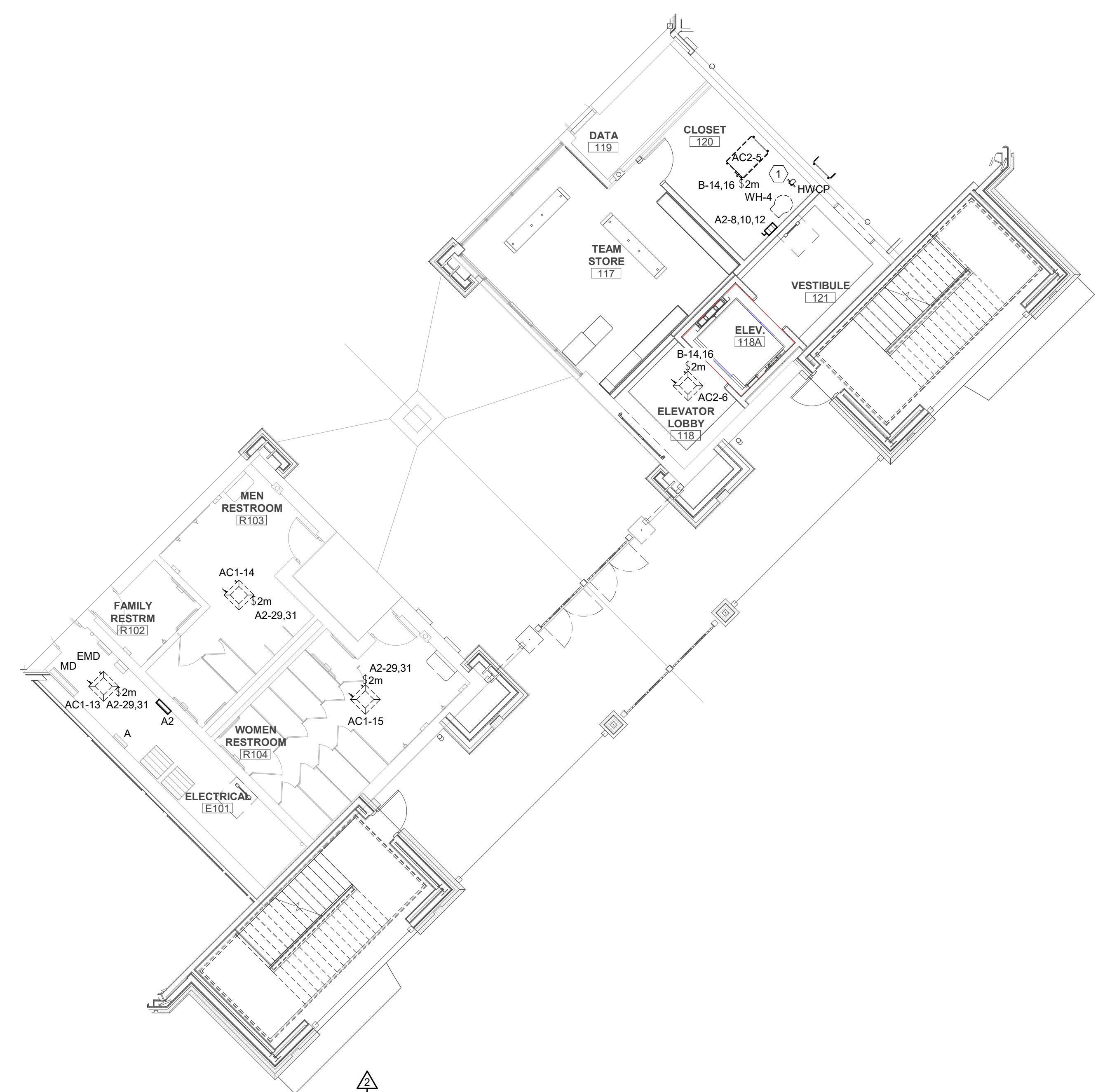
**E3.02R1**



1 MECHANICAL POWER PLAN - TEAM CLUBHOUSE  
 1/8" = 1'-0"



3 MECHANICAL POWER PLAN - MEETING  
 1/8" = 1'-0"



2 MECHANICAL POWER PLAN - STADIUM ENTRY  
 1/8" = 1'-0"

**ELECTRICAL GENERAL NOTES:**

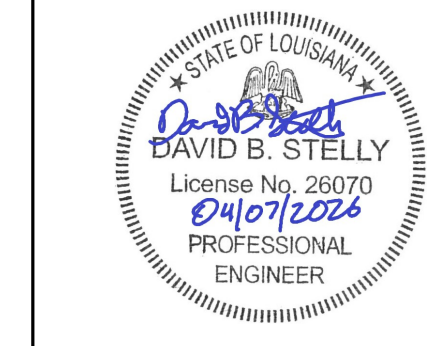
- A. CONTRACTOR SHALL REFER TO ALL OTHER PORTIONS OF THE CONTRACT DOCUMENTS (PLANS, SPECIFICATIONS, ADDENDA, ARCHITECTURAL SUPPLEMENTAL INSTRUCTIONS AND ANY APPROVED CHANGE ORDERS) AND PROVIDE ALL LIGHT FIXTURES, OUTLETS, TELE/DATA OUTLETS, SPEAKERS, AND ASSOCIATED CIRCUITRY AS IF ORIGINALLY INCLUDED ON THE ELECTRICAL PLANS. IF THERE ARE ANY DISCREPANCIES, CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER IN WRITING PRIOR TO ORDERING EQUIPMENT, ROUGH-IN FOR EQUIPMENT AND/OR INSTALLATION OF EQUIPMENT. PRIOR TO ROUGH-IN OF EQUIPMENT, CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING COPIES OF APPROVED SHOP DRAWINGS OF SUCH EQUIPMENT AND REVIEWING SAID SUBMITTALS TO ENSURE COMPATIBILITY WITH THE ELECTRICAL SYSTEM. CONTRACTOR SHALL IMMEDIATELY NOTIFY ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BETWEEN THE REQUIRED ROUGH-IN REQUIREMENTS AND THE ELECTRICAL SYSTEM.
- B. REFER TO ARCHITECTURAL REFLECTED CEILING FOR ALL CEILING MOUNTED DEVICES.
- C. CONTRACTOR SHALL PROPERLY SEAL PENETRATIONS TO RATED ASSEMBLIES AND ALL EXTERIOR WALLS TO PROPERLY MAINTAIN RATING & ASSEMBLIES AND BUILDING ENVELOPE.
- D. AS A MINIMUM ALL ELECTRICAL WORK SHALL COMPLY WITH THE 2020 EDITION OF THE NATIONAL ELECTRICAL CODE.
- E. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- F. VERIFY REQUIREMENTS FOR ALL OWNER FURNISHED EQUIPMENT PRIOR TO ROUGH-IN.
- G. EXHAUST FANS CONTROLLED VIA OCCUPANCY SENSOR (PROVIDED BY MECHANICAL, INSTALLED BY ELECTRICAL), REFER TO MECHANICAL PLANS AND COORDINATE WITH MECHANICAL.

**ELECTRICAL KEYNOTES:**

- 1 HOT WATER CIRCULATING PUMP. CONTRACTOR TO PROVIDE RECEPTACLE FOR PUMP POWER. COORDINATE WITH PLUMBING CONTRACTOR FOR EXACT PUMP LOCATION PRIOR TO ROUGH-IN. WIRE RECEPTACLE TO CIRCUIT A-64.
- 2 EXHAUST FAN. REFER TO GENERAL NOTE G FOR CONTROLS.
- 3 MOTORIZED DAMPER. CONNECT TO NEAREST AVAILABLE UNSWITCHED 120V CIRCUIT.
- 4 NOT USED
- 5 DUCT DETECTOR(S). CONNECT TO NEAREST UNSWITCHED 120V CIRCUIT. PROVIDE AND INSTALL IN BOTH THE RETURN AND SUPPLY DUCTS. DUCT DETECTOR SHALL BE INTEGRATED WITH BUILDING FIRE ALARM SYSTEM.

PROJECT #: 25-72-25  
 DATE: 02/13/2026  
 FOR: CONSTRUCTION  
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REVISION	DATE
2. ADDENDA #1	04/08/26
1. B.V. REVISIONS	02/13/26



**ADG ENGINEERING**  
 ASSOCIATED DESIGN GROUP, INC.  
 3909 West Congress Street, Suite 201  
 Lafayette, Louisiana 70506  
 Phone: (337) 334-9710  
 Email: adginc@adginc.org

Project No. 25166

MECHANICAL POWER PLAN - GROUND LEVEL

E4.01R1

**ELECTRICAL ABBREVIATION**

Ø PHASE	MCP MOTOR CIRCUIT PROTECTOR	MID MAIN DISTRIBUTION PANELBOARD
A AMPERE	MCH MECHANICAL	MFS MAIN FUSED SWITCH
AC ARMOR CLAD CABLE	MGP MEDICAL GAS PANEL	MINS MINERAL INSULATED CABLE
AF ABOVE FLOOR / AMPERE FRAME	MIN MINIMUM	MLO MAIN LUGS ONLY
AFCI ARC-FAULT CIRCUIT INTERRUPTING	MNT MOUNTED	MTS MANUAL TRANSFER SWITCH
AFI ABOVE FINISHED FLOOR	MV MEDIUM VOLTAGE	NA NOT APPLICABLE
AFI ARC FAULT INTERRUPTING	NA NORMALLY CLOSED	NEC NATIONAL ELECTRICAL CODE
AHU AIR HANDLING UNIT	NEMA NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION	NFPA NATIONAL FIRE PROTECTION ASSOCIATION
AIC AMPERE INTERRUPTING CAPACITY	NFC NOT IN CONTRACT	NO NORMALLY OPEN
AL ALUMINUM	NOC NETWORK OPERATIONS CENTER	NTS NOT TO SCALE
AM AMPERER	OC OUTSIDE AIR	ON ON CENTER
ANSI AMERICAN NATIONAL STANDARDS INSTITUTE	OC PD OVERCURRENT PROTECTIVE DEVICE	OD OPPOSITE SIDE
ATS AUTOMATIC TRANSFER SWITCH	OD PD OVERCURRENT PROTECTIVE DEVICE	OD PD OVERCURRENT PROTECTIVE DEVICE
AV AUDIO VISUAL	OE OVERHEAD	OE OVERHEAD
AWG AMERICAN WIRE GAUGE	P POLE	PB PULLBOX/PUSHBUTTON
BAS BUILDING AUTOMATION SYSTEM	RE REFER TO	PC PERSONAL COMPUTER
BKBD BACKBOARD	RECEP RECEPTACLE	PE PNEUMATIC - ELECTRIC
BKR CIRCUIT BREAKER	REC RECEPTACLE	PH PHASE
C CONDUIT	REF REFRIGERATOR	PIC PROGRAMMABLE LOGIC CONTROLLER
CATV CABLE ANTENNA TELEVISION	RET RETURN FAN	PLC POWER LOGIC CONTROLLER
CB CIRCUIT BREAKER	RGS RIGID GALVANIZED STEEL	PSU PATENT SERVING UNIT
CBA CODE BLUE ANNUNCIATOR PANEL	RM ROOM	PT POTENTIAL TRANSFORMER
CCV CLOSED CIRCUIT TELEVISION	RUPS ROTARY HYBRID UNINTERRUPTIBLE POWER SUPPORT	PTZ PAN/TILT/ZOOM
CKT CIRCUIT	SCHED SCHEDULE	PVC POLYVINYL CHLORIDE
CLG CEILING	SF SUPPLY FAN	PWR POWER
CM CONSTRUCTION MANAGER	SFL SUB FEED LUGS	RCP REFLECTED CEILING PLANS
CO COMPANY	SFP SURGICAL FACILITY PANEL	REC RECEPTACLE
CT COUNTER TOP MOUNTED	SH SHEET	REF REFRIGERATOR
CTTS CLOSED TRANSITION TRANSFER SWITCH	SIN SOLID NEUTRAL	STR STARTER
CU COPPER	SPC SPACE	RS RIGID GALVANIZED STEEL
CU CONDENSING UNIT	SPD SURGE PROTECTION DEVICE	RM ROOM
DIA DIAMETER	SPEC SPECIFICATION	RUPS ROTARY HYBRID UNINTERRUPTIBLE POWER SUPPORT
DV DIVISION	SPR SPARE	SCHED SCHEDULE
DN DOWN	SS STAINLESS STEEL	SF SUPPLY FAN
DWG DRAWING	STD SHORT TIME DELAY	SFL SUB FEED LUGS
E DENOTES EMERGENCY DEVICE	STP SHIELDED TWISTED PAIR	SFP SURGICAL FACILITY PANEL
EA EACH	STR STARTER	SH SHEET
EF EXHAUST FAN	SWB SWITCHBOARD	SIN SOLID NEUTRAL
EGS ENGINE-GENERATOR SET	SWGR SWITCHGEAR	SPC SPACE
ELEV ELEVATOR	TBB TELECOMMUNICATIONS BONDING BACKBONE	SPD SURGE PROTECTION DEVICE
EMT ELECTRICAL METALLIC TUBING	TC TERMINAL CABINET	SPEC SPECIFICATION
EO EQUIPMENT BY OWNER	TEL TELEPHONE	SPR SPARE
EQUIP EQUIPMENT	TGB TELECOMMUNICATIONS GROUNDING BUS BAR	SS STAINLESS STEEL
EWK ELECTRICAL WATER COOLER	TGD TOTAL HARMONIC DISTORTION	STD SHORT TIME DELAY
EXH EXHAUST	TMB TROUBLESHOOTING MAIN GROUNDING BUS BAR	STP SHIELDED TWISTED PAIR
EXP EXPLOSION PROOF	TRM TELECOMMUNICATIONS ROOM	STR STARTER
FACP FIRE ALARM CONTROL PANEL	TRANS TRANSITION	SWB SWITCHBOARD
FACU FIRE ALARM CONTROL UNIT	XFMR TRANSFORMER	SWGR SWITCHGEAR
FCU FAN COIL UNIT	TSER TELECOMMUNICATIONS SERVICE ENTRANCE ROOM	TBB TELECOMMUNICATIONS BONDING BACKBONE
FDS FUSED DISCONNECT SWITCH	TV TELEVISION	TC TERMINAL CABINET
FL FILM ILLUMINATOR	UG UNDERGROUND	TEL TELEPHONE
FLR FLOOR	UGS UNDERGROUND SERVICE	TERM TERMINAL
FPU FIELD PROCESSING UNIT	UPS UNINTERRUPTIBLE POWER SUPPLY	TGB TELECOMMUNICATIONS GROUNDING BUS BAR
FTL FEED THRU LUGS	USP UNIT SUBSTATION	THD TOTAL HARMONIC DISTORTION
GA GAUGE	USP UNIT SUBSTATION	TMB TROUBLESHOOTING MAIN GROUNDING BUS BAR
GE GROUNDING EQUALIZER CONDUCTOR	USP UNIT SUBSTATION	TRM TELECOMMUNICATIONS ROOM
GEN GENERATOR	USP UNIT SUBSTATION	TRANS TRANSITION
GFCI GROUND FAULT CIRCUIT INTERRUPTING	USP UNIT SUBSTATION	XFMR TRANSFORMER
GFI GROUND FAULT INTERRUPTING	USP UNIT SUBSTATION	TSER TELECOMMUNICATIONS SERVICE ENTRANCE ROOM
GND GROUND	USP UNIT SUBSTATION	TV TELEVISION
HC HARMONIC CONDITIONING TRANSFORMER	UC UNDERCOUNTER	UG UNDERGROUND
HF HARMONIC FILTER	UGS UNDERGROUND SERVICE	UGS UNDERGROUND SERVICE
HFT HARMONIC FILTER WITH INTEGRAL TRANSFORMER	UGS UNDERGROUND SERVICE	UPS UNINTERRUPTIBLE POWER SUPPLY
HID HIGH INTENSITY DISCHARGE	UGS UNDERGROUND SERVICE	USP UNIT SUBSTATION
HDA HAND OFF AUTO	UGS UNDERGROUND SERVICE	USP UNIT SUBSTATION
HP HORSEPOWER	UGS UNDERGROUND SERVICE	USP UNIT SUBSTATION
HS HARMONIC SUPPRESSION TRANSFORMER	UGS UNDERGROUND SERVICE	USP UNIT SUBSTATION
HSH HOUSEKEEPING	UGS UNDERGROUND SERVICE	USP UNIT SUBSTATION
HTR HEATER	UGS UNDERGROUND SERVICE	USP UNIT SUBSTATION
ID INSIDE DIAMETER	UGS UNDERGROUND SERVICE	USP UNIT SUBSTATION
IG ISOLATED GROUND	UGS UNDERGROUND SERVICE	USP UNIT SUBSTATION
IMC INTERMEDIATE METAL CONDUIT	UGS UNDERGROUND SERVICE	USP UNIT SUBSTATION
JB JUNCTION BOX	UGS UNDERGROUND SERVICE	USP UNIT SUBSTATION
KV KILOVOLT	UGS UNDERGROUND SERVICE	USP UNIT SUBSTATION
KVA KILOVOLT AMPERE	UGS UNDERGROUND SERVICE	USP UNIT SUBSTATION
KW KILOWATT	UGS UNDERGROUND SERVICE	USP UNIT SUBSTATION
KWH KILOWATT HOUR	UGS UNDERGROUND SERVICE	USP UNIT SUBSTATION
LA LIGHTNING ARRESTOR	V VOLT	V VA
LP LIGHT POLE	V VOLT	VVA VARIABLE FREQUENCY DRIVE
LS LIFE SAFETY	V VOLT	VMT VOLT METER
LTD LONG TIME DELAY	V VOLT	VSD VARIABLE SPEED DRIVE
LTG LIGHTING	W WATT	W WITH
MAX MAXIMUM	W WATT	WP WEATHERPROOF
MATV MASTER ANTENNA TELEVISION	W WITH	
MC METAL CLAD CABLE	W WITH	
MCB MAIN CIRCUIT BREAKER	W WITH	
MCC MOTOR CONTROL CENTER	W WITH	

**LIGHTING SYMBOL LEGEND**

SYMBOL	DESCRIPTION
[Symbol]	LIGHTING FIXTURE - SEE FIXTURE SCHEDULE
[Symbol]	EMERGENCY LIGHTING FIXTURE - SEE FIXTURE SCHEDULE
[Symbol]	LIGHTING FIXTURE - SEE FIXTURE SCHEDULE
[Symbol]	LIGHTING FIXTURE - SEE FIXTURE SCHEDULE
[Symbol]	EMERGENCY LIGHTING FIXTURE - SEE FIXTURE SCHEDULE
[Symbol]	LIGHTING FIXTURE - SEE FIXTURE SCHEDULE
[Symbol]	LIGHTING FIXTURE - SEE FIXTURE SCHEDULE
[Symbol]	LIGHTING FIXTURE - SEE FIXTURE SCHEDULE
[Symbol]	EMERGENCY LIGHTING FIXTURE - SEE FIXTURE SCHEDULE
[Symbol]	PHOTOELECTRIC CONTROL
[Symbol]	EXIT SIGN - SEE FIXTURE SCHEDULE
[Symbol]	EXIT SIGN WALL MOUNTED - SEE FIXTURE SCHEDULE
[Symbol]	EXIT SIGN - SEE FIXTURE SCHEDULE
[Symbol]	EXIT SIGN - SEE FIXTURE SCHEDULE
[Symbol]	EXIT SIGN - SEE FIXTURE SCHEDULE

**GENERAL SYMBOL LEGEND**

SYMBOL	DESCRIPTION
[Symbol]	KEYED NOTE
[Symbol]	KEYED NOTE
[Symbol]	KEYED NOTE
[Symbol]	KEYED NOTE
[Symbol]	END CAP
[Symbol]	BREAK

**POWER SYMBOL LEGEND**

SYMBOL	DESCRIPTION
[Symbol]	DUPLEX CONVENIENCE OUTLET (18" A.F.F. OR AS NOTED)
[Symbol]	COUNTER TOP MOUNTING HEIGHT (CLEAR BACK SPLASH)
[Symbol]	SPECIAL OUTLET (18" A.F.F. OR AS NOTED)
[Symbol]	DOUBLE-DUPLEX CONVENIENCE OUTLET (18" A.F.F. OR AS NOTED)
[Symbol]	DOUBLE-DUPLEX COUNTER TOP MOUNTING (CLEAR BACK SPLASH)
[Symbol]	CEILING MOUNTED OCCUPANCY SENSOR
[Symbol]	FLOOR MOUNTED DUPLEX CONVENIENCE OUTLET
[Symbol]	DISCONNECT SWITCH
[Symbol]	DISCONNECT SWITCH (EXISTING)
[Symbol]	JUNCTION BOX
[Symbol]	ELECTRICAL PANELBOARD (SURFACE MOUNTED)
[Symbol]	ELECTRICAL PANELBOARD (RECESSED)
[Symbol]	ELECTRICAL PANELBOARD (EXISTING)
[Symbol]	FLOOR BOX WITH COMBINATION DUPLEX POWER OUTLET AND DATA OUTLET
[Symbol]	TRANSFORMER

**COMMUNICATION SYMBOL LEGEND**

SYMBOL	DESCRIPTION
[Symbol]	DATA/COMMUNICATIONS OUTLET (18" A.F.F. OR AS NOTED). SEE SPECIFICATIONS
[Symbol]	SPEAKER (CEILING MOUNTED)
[Symbol]	SPEAKER (WALL MOUNTED)
[Symbol]	TELEPHONE BACKBOARD
[Symbol]	CARD READER
[Symbol]	DOOR CONTACT
[Symbol]	MOTION SENSOR
[Symbol]	KEYPAD
[Symbol]	MAGNETIC LOCK
[Symbol]	AMPLIFIER
[Symbol]	TELEPHONE TERMINAL CABINET
[Symbol]	PUSH PLATE STATION

**FIRE ALARM SYMBOL LEGEND**

SYMBOL	DESCRIPTION
[Symbol]	DUCT MOUNTED SMOKE DETECTOR
[Symbol]	FIRE ALARM CONTROL PANEL
[Symbol]	FIRE ALARM AUDIBLE/STROBE UNIT (80" A.F.F. OR 6" BELOW CEILING-LOWEST)
[Symbol]	FIRE ALARM STROBE UNIT (80" A.F.F. OR 6" BELOW CEILING-LOWEST)
[Symbol]	FIRE ALARM AUDIBLE/STROBE UNIT (CEILING MOUNT)
[Symbol]	FIRE ALARM STROBE UNIT (CEILING MOUNT)
[Symbol]	DOOR MAGNET/FIRE ALARM SYSTEM
[Symbol]	FIRE ALARM PULL STATION (48" A.F.F.)
[Symbol]	HEAT DETECTOR
[Symbol]	SMOKE DETECTOR (CEILING MOUNTED)
[Symbol]	TRANSITION
[Symbol]	TAMPER SWITCH
[Symbol]	FIRE ALARM ANNUNCIATOR PANEL
[Symbol]	ELEVATOR SUPERVISION RECALL PANEL
[Symbol]	FIRE FIGHTERS TELEPHONE JACK STATION

**LIGHTING FIXTURE SCHEDULE**

TYPE	DESCRIPTION	VOLTAGE	LOAD	LAMPS	MOUNTING	MANUFACTURER	CATALOG
A	2X4 TROFFER	120 V	23	3000	LAY-IN	LITHONIA	2BLT4 30LHE ADSM G21 LP840
AE	2X4 TROFFER w/ EMERGENCY BATTERY	120 V	23	3000	LAY-IN	LITHONIA	2BLT4 30LHE ADSM G21 LP840 E10W
B	2X4 FLAT PANEL	120 V	28	3000	LAY-IN	LITHONIA	CPX 2X4 3000LM 80CRI 40K SWL MIN10 ZT MVOLT
BE	2X4 FLAT PANEL w/ EMERGENCY BATTERY	120 V	28	3000	LAY-IN	LITHONIA	CPX 2X4 3000LM 80CRI 40K SWL MIN10 ZT MVOLT E10W
D1	6" DOWNLIGHT (LO LUMEN)	120 V	8	750	RECESSED	GOTHAM	EV06 4007 WR LD MWD MVOLT G210
D1E	6" DOWNLIGHT (LO LUMEN) w/ EMERGENCY BATTERY	120 V	8	750	RECESSED	GOTHAM	EV06 4007 WR LD MWD MVOLT G210 E10W
D2	6" DOWNLIGHT (HI LUMEN)	120 V	25	2500	RECESSED	GOTHAM	EV06 4025 WR LD MWD MVOLT G210
D2E	6" DOWNLIGHT (HI LUMEN) w/ EMERGENCY BATTERY	120 V	25	2500	RECESSED	GOTHAM	EV06 4025 WR LD MWD MVOLT G210 E10W
DS	6" DOWNLIGHT (SHOWER)	120 V	15	1000	RECESSED	GOTHAM	EV06SH 4010 DFR SOL MVOLT
DSE	6" DOWNLIGHT (SHOWER) w/ EMERGENCY BATTERY	120 V	15	1000	RECESSED	GOTHAM	EV06SH 4010 DFR SOL MVOLT E10WR
L2	LINEAR 4FT (2" W)	120 V	24	750LMF	SURFACE	ALW	LPX 2 D SM F N S04 07 40 80 SL V01 * 1C UNV
L4	4" LINEAR 4FT	120 V	20	750LMF	SURFACE	ALW	LPX 4 D SM F N S04 07 40 80 SL V01 * 1C UNV
L4E	4" LINEAR 4FT w/ EMERGENCY BATTERY	120 V	20	750LMF	SURFACE	ALW	LPX 4 D SM F N S04 07 40 80 SL V01 * 1C UNV EMB/1
L6	4" LINEAR 6FT	120 V	31	750LMF	SURFACE	ALW	LPX 4 D SM F N S06 07 40 80 SL V01 * 1C UNV
L6E	4" LINEAR 6FT w/ EMERGENCY BATTERY	120 V	31	750LMF	SURFACE	ALW	LPX 4 D SM F N S06 07 40 80 SL V01 * 1C UNV EMB/1
LC	COVE LIGHT	120 V	4	500LMF	RECESSED	ALW	LPX 2 P TS RN S** 05 40 80 SL V01 * N UNV N
LG	5" LINEAR 4FT (GRAND STAND)	120 V	76	1500LMF	SURFACE	PAL	MLS5L65-D CO(1500LF) K40 80 4" J LOH * TF UNV DIM1
LGE	5" LINEAR 4FT (GRAND STAND) w/ EMERGENCY BATTERY	120 V	76	1500LMF	SURFACE	PAL	MLS5L65-D CO(1500LF) K40 80 4" J LOH * TF UNV DIM1 EBPST
LR4	4" RECESSED LINEAR 4FT	120 V	20	750LMF	RECESSED	ALW	LPX 4 R T5 FN S04 07 40 80 SL V01 * UNV
LR4E	4" RECESSED LINEAR 4FT w/ EMERGENCY BATTERY	120 V	20	750LMF	RECESSED	ALW	LPX 4 R T5 FN S04 07 40 80 SL V01 * UNV EMB/1
LR6	4" RECESSED LINEAR 6FT	120 V	31	750LMF	RECESSED	ALW	LPX 4 R T5 FN S06 07 40 80 SL V01 * UNV
LR6E	4" RECESSED LINEAR 6FT w/ EMERGENCY BATTERY	120 V	31	750LMF	RECESSED	ALW	LPX 4 R T5 FN S06 07 40 80 SL V01 * UNV EMB/1
LR8	4" RECESSED LINEAR 8FT	120 V	41	750LMF	RECESSED	ALW	LPX 4 R T5 FN S08 07 40 80 SL V01 * UNV
LR8E	4" RECESSED LINEAR 8FT w/ EMERGENCY BATTERY	120 V	41	750LMF	RECESSED	ALW	LPX 4 R T5 FN S08 07 40 80 SL V01 * UNV EMB/2
LS	5" RECESSED LINEAR 8FT w/ EMERGENCY BATTERY	120 V	58	825LMF	RECESSED	ALW	LPFR DRY 58 WED 80 400K V01 * UNV EMB/2
LW	LINEAR 4FT	120 V	26	450LMF	SURFACE	PAL	MLS3WL54 D MO K40 80 6" J LOH * UNV DIM1 EBPST
M	UNDER CABINET STRIP TAPE	120 V	12	200LMF	SURFACE	JUNO	JFX 24V 200LM * RGBW 90CRI DL
P	RECTANGULAR PENDANT	120 V	132	11500	SUSPENDED	LUMENWERX	ELISP 72INX72IN ULO SW 90CRI 11500 40K UNV D1 1C SCD * POC MC 36IN *
S	4" STRIP LIGHT	120 V	32	4000	SURFACE	LITHONIA	CLX L48 4000LM HEF FDL MVOLT G21 40K 80CRI
SE	4" STRIP LIGHT w/ EMERGENCY BATTERY	120 V	32	4000	SURFACE	LITHONIA	CLX L48 4000LM HEF FDL MVOLT G21 40K 80CRI E10W
T1	LINEAR TRACK LIGHT	120 V	6	600	TRACK	BASO	RLINS LOUVER 1 * 40K-C90 48V 010V TW 100LL 4C
T2	SPOT LIGHT	120 V	6	700	TRACK	BASO	MIPIV1DT 2.65IN SW 35DEG 90CRI 40K SDB * *
VP	4" WAPOR TIGHT	120 V	34	4000	SURFACE	LITHONIA	CSVT L48 4000LM MVOLT 40K 80CRI IE7WPC
W1	WALLPACK	120 V	11	1500	SURFACE	LITHONIA	WPX1 LED P1 40K MVOLT 1
W1E	WALLPACK w/ EMERGENCY BATTERY	120 V	11	1500	SURFACE	LITHONIA	WPX1 LED P1 40K MVOLT * EAWH
W2	UPDOWN WALLPACK	120 V	64	1700	SURFACE	INSIGHT LIGHTING	SSL UD MO RGB40 40 RGB40 40 WM 120V DMXDS * CRF
W3	EXTERIOR WALL WASH	120 V	30	2000	SURFACE	INSIGHT LIGHTING	AP MO RGB40 ASU*** 36 120 DMXFX * IHL
X1	SINGLE-SIDED EXIT SIGN w/ EMERGENCY BATTERY	120 V	4	LED	UNIVERSAL	LITHONIA	EDGR 1 RMR EL N SD

\* ARCHITECT SHALL SELECT FIXTURE COLORS/FINISHES  
 \*\* CONTRACTOR SHALL MATCH MEASURED WIDTH OF OPENING OR BOTTOM OF UPPER CABINET FOR FIXTURE LENGTH  
 \*\*\* CONTRACTOR SHALL PROVIDE POWER FEED DIRECTION PER WIRING METHOD  
 \*\*\*\* ALL PRIOR APPROVAL SUBMISSIONS SHALL INCLUDE PHOTOMETRICS TO BE CONSIDERED FOR APPROVAL.

**AUDIO SYMBOL LEGEND**

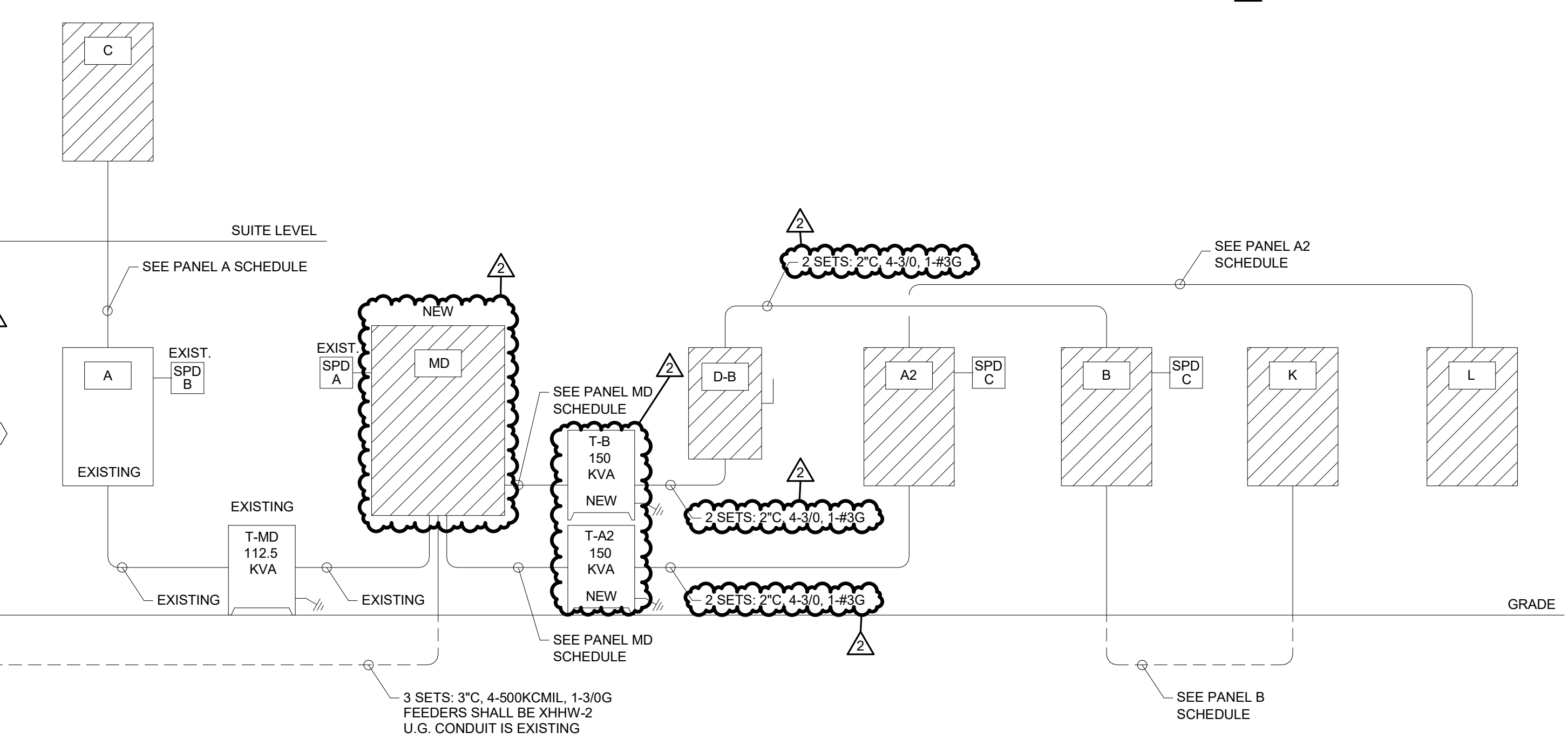
SYMBOL	DESCRIPTION
[Symbol]	SPEAKER (CEILING MOUNTED) (ELECTRO-VOICE EVID-C4.2-G2)
[Symbol]	SPEAKER (CEILING MOUNTED) (ELECTRO-VOICE EVID-C6.2-G2)
[Symbol]	SPEAKER (WALL MOUNTED) (ELECTRO-VOICE EVID-6.2)
[Symbol]	SPEAKER (PENDANT MOUNTED) (ELECTRO-VOICE EVID-P6.2)
[Symbol]	SPEAKER (WALL MOUNTED) (ELECTRO-VOICE IRC-2100)
[Symbol]	SPEAKER (BRACKET MOUNTED) (ELECTRO-VOICE EVF-1152D/94-FGB)
[Symbol]	SPEAKER (BRACKET MOUNTED) (ELECTRO-VOICE EVF-1122D/126-FGB)
[Symbol]	SPEAKER (BRACKET MOUNTED) (ELECTRO-VOICE EVH-1152D/84-FGB)
[Symbol]	SUBWOOFER (ELECTRO-VOICE EVID-C8.1S-G2)
[Symbol]	SUBWOOFER (ELECTRO-VOICE S10.1DB)
[Symbol]	SUBWOOFER (ELECTRO-VOICE X12-126-FGB)
[Symbol]	AUDIO INPUT INTERFACE PLATE (WALL MOUNTED) (ATLAS WTSD-MIX31K)
[Symbol]	USER INTERFACE KEY PAD (WALL MOUNTED 48" AFF) (DYNACORD WPN1-US)
[Symbol]	USER INTERFACE TOUCH PAD (WALL MOUNTED 48" AFF) (DYNACORD TPC-1)

**CIRCUITRY SYMBOL**

SYMBOL	DESCRIPTION
[Symbol]	FLEXIBLE CONDUIT
[Symbol]	CONDUIT RUN CONCEALED IN WALL OR ABOVE CEILING
[Symbol]	HOMERUN TO ELECTRICAL PANELBOARD
[Symbol]	CONDUIT RUN CONCEALED BELOW FLOOR OF IN SLAB
[Symbol]	SINGLE POLE TOGGLE SWITCH (48" A.F.F. OR AS NOTED)
[Symbol]	THREE-WAY TOGGLE SWITCH (48" A.F.F. OR AS NOTED)
[Symbol]	SUBSCRIPT DENOTES FIXTURE BEING CONTROLLED
[Symbol]	SINGLE POLE DIMMER SWITCH
[Symbol]	MOTOR RATED TOGGLE SWITCH (48" A.F.F. OR AS NOTED)
[Symbol]	OCCUPANCY SENSOR SWITCH

**SECURITY SYMBOL**

SYMBOL	DESCRIPTION
[Symbol]	VIDEO CAMERA



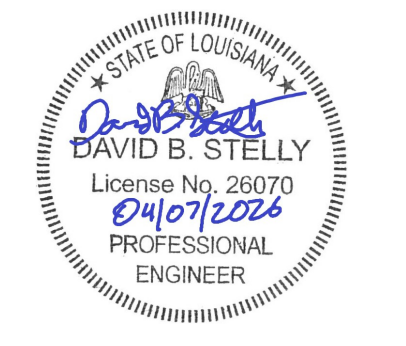
**ELECTRICAL RISER KEYNOTES:**

- NEW SERVICE ENTRANCE DISCONNECT. DISCONNECT SHALL BE LOCATED NEAR UTILITY TRANSFORMER. CONTRACTOR SHALL PROVIDE HOUSE KEEPING PAD AND EQUIPMENT RACK AS NEEDED. GROUND AND NEUTRAL CONDUCTORS SHALL BE BONDED AT NEW SERVICE DISCONNECT.
- CONTRACTOR SHALL INTERCEPT EXISTING SECONDARY FEEDERS FROM TRANSFORMER WITH PULL BOX OR BY OTHER MEANS AND CONNECT TO NEW SERVICE ENTRANCE DISCONNECT. EXTEND EXISTING 3" CONDUIT AS NEEDED.

**SAFETY SWITCH SCHEDULE**

EQ. SERVED	AMPERAGE RATING	VOLTAGE RATING	POLES	DUTY LIST	NEMA RATING	FUSE SIZE
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REVISION	DATE



**PANEL: A2 [NEW]**

VOLTAGE 120/208,3Ø,4W  
AMP 400  
NEUTRAL 100% 200%  
MOUNTING SURFACE RECESSED  
FREE STANDING (FRONT ACCESS ONLY)  
FREE STANDING (FRONT AND REAR ACCESS)

ENCLOSURE NEMA 1 (TOOL-LESS DOOR-IN-DOOR CONSTRUCTION)  
NEMA 3R  
NEMA 4X 320 STAINLESS STEEL  
LOCKABLE COVER

FULLY RATED  
SERIES RATED  
FURNISH GROUND BAR KIT  
FURNISH ADDITIONAL ISOLATED GROUND BAR KIT  
SERVICE ENTRANCE LABEL

A.I.C. Rating: 10K

BRANCHES BOLT-ON, PANELBOARD CONSTR  
FUSIBLE SWITCHES, FURNISH ALL FUSES...  
PLUG-ON, LOADCENTER CONSTR.

FEED TOP  
BOTTOM

ALL COPPER BUSSING

CKT #	TRIP AMPS	WIRE	GND	COND.	LOAD DESCRIPTION	NOTES	# POLES	A	B	C	A	B	C	# POLES	NOTES	LOAD DESCRIPTION	COND.	GND	WIRE	TRIP AMPS	CKT #
1	30 A	4-4	8	1.5"	ELEVATOR		3	6004 VA	6004 VA	2918 VA	2918 VA			3		PANEL L	1.25"	8	4-3	100 A	4
3	20 A	2-12	12	1/2"	ELEVATOR CAB		2	600 VA	600 VA	8000 VA	8000 VA			3		WH-4	1.5"	8	4-3	90 A	10
9	50 A	4-6	10	1"	HRCU-1		3	4478 VA	4478 VA	5088 VA	5088 VA			3		DOAS-CU-1	1.5"	8	4-4	80 A	16
11	50 A	4-6	10	1"	HRCU-1		3	4478 VA	4478 VA	5088 VA	5088 VA			3		DOAS-CU-3	1.5"	8	4-4	80 A	22
19	50 A	4-6	10	1"	HRCU-1		3	4478 VA	4478 VA	5088 VA	5088 VA			3		DOAS-CU-3	1.5"	8	4-4	80 A	22
21	80 A	4-4	8	1.5"	HRCU-3		3	7124 VA	7124 VA	675 VA	675 VA			2		BCC/DOAS-1	1/2"	12	2-12	20 A	24
23	20 A	2-12	12	1/2"	AC-1		2	1032 VA	1032 VA	0 VA	0 VA			1		SPARE				20 A	30
31	20 A				SPARE		1	0 VA	0 VA	0 VA	0 VA			1		SPARE				20 A	32
33	20 A				SPARE		1	0 VA	0 VA	0 VA	0 VA			1		SPARE				20 A	34
35	20 A				SPARE		1	0 VA	0 VA	0 VA	0 VA			1		SPARE				20 A	36
37	20 A				SPARE		1	0 VA	0 VA	0 VA	0 VA			1		SPARE				20 A	38
39	20 A				SPARE		1	0 VA	0 VA	600 VA	600 VA			1		DRESSING ROOM LOCKERS	1/2"	12	2-12	20 A	40
41	20 A	2-12	12	1/2"	LOCKER		1	600 VA	600 VA	600 VA	600 VA			1		LOCKER	1/2"	12	2-12	20 A	42
43	20 A	2-12	12	1/2"	LOCKER		1	600 VA	600 VA	600 VA	600 VA			1		LOCKER	1/2"	12	2-12	20 A	44
45	20 A	2-12	12	1/2"	LOCKER		1	600 VA	600 VA	600 VA	600 VA			1		LOCKER	1/2"	12	2-12	20 A	46
47	20 A	2-12	12	1/2"	LOCKER		1	600 VA	600 VA	600 VA	600 VA			1		LOCKER	1/2"	12	2-12	20 A	48
49	20 A	2-12	12	1/2"	LOCKER		1	600 VA	600 VA	600 VA	600 VA			1		LOCKER	1/2"	12	2-12	20 A	50
51	20 A	2-12	12	1/2"	LOCKER		1	600 VA	600 VA	126 VA	126 VA			1		EF-(6-7)	1/2"	12	2-12	20 A	52
53	20 A	2-12	12	1/2"	COACHES LOCKER RECEP		1	1400 VA	1400 VA	1500 VA	1500 VA			1		BFP HEATED ENCLOSURE	3/4"	8	2-8	20 A	54
55	20 A	2-12	12	1/2"	EF-(1-4)		1	345 VA	0 VA	0 VA	0 VA			1		SPD	1"	10	4-6	60 A	60
57	20 A				SPARE		1	0 VA	0 VA	0 VA	0 VA			1		SPARE				20 A	62
59	20 A				SPARE		1	0 VA	0 VA	0 VA	0 VA			1		SPARE				20 A	64

TOTAL LOAD = 561.0 VA  
TOTAL AMPS = 675 A

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Elevator	18213 VA	95.00%	17282 VA	
HVAC	163652 VA	85.00%	139138 VA	Total Conn. Load: 623711 VA
Kitchen Equipment - Non-Dwelling Unit	9651 VA	100.00%	9651 VA	Total Est. Load: 561.0 kVA
LIGHTING	9176 VA	100.00%	9176 VA	Total Conn.: 750 A
Motor	10794 VA	105.51%	11388 VA	Total Est. Amps: 675 A
Power	3400 VA	100.00%	3400 VA	
RECEP	85594 VA	55.84%	47797 VA	
Spare	229968 VA	100.00%	229968 VA	
MISC	2600 VA	100.00%	2600 VA	
HEAT STRIP/ ELEC HEAT	8623 VA	100.00%	8623 VA	
VRF CASSETTES	4169 VA	100.00%	4169 VA	
WATER HEATING	76800 VA	100.00%	76800 VA	

Notes:  
(A) FINAL AIC RATING FOR THE PANEL TO BE BASED UPON FAULT CURRENT STUDY. FAULT CURRENT VALUE PROVIDED IS FOR BIDDING PURPOSES ONLY. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

**PANEL: B [NEW]**

VOLTAGE 120/208,3Ø,4W  
AMP 400  
NEUTRAL 100% 200%  
MOUNTING SURFACE RECESSED  
FREE STANDING (FRONT ACCESS ONLY)  
FREE STANDING (FRONT AND REAR ACCESS)

ENCLOSURE NEMA 1 (TOOL-LESS DOOR-IN-DOOR CONSTRUCTION)  
NEMA 3R  
NEMA 4X 320 STAINLESS STEEL  
LOCKABLE COVER

FULLY RATED  
SERIES RATED  
FURNISH GROUND BAR KIT  
FURNISH ADDITIONAL ISOLATED GROUND BAR KIT  
SERVICE ENTRANCE LABEL

A.I.C. Rating: 10K

BRANCHES BOLT-ON, PANELBOARD CONSTR  
FUSIBLE SWITCHES, FURNISH ALL FUSES...  
PLUG-ON, LOADCENTER CONSTR.

FEED TOP  
BOTTOM

ALL COPPER BUSSING

CKT #	TRIP AMPS	WIRE	GND	COND.	LOAD DESCRIPTION	NOTES	# POLES	A	B	C	A	B	C	# POLES	NOTES	LOAD DESCRIPTION	COND.	GND	WIRE	TRIP AMPS	CKT #
1	20 A				EXISTING		1	0 VA		1288 VA				1		EXTERIOR LIGHTING (NEW)	3/4"	6	2-6	20 A	2
3	20 A				EXISTING		1	0 VA		0 VA				1		EXISTING				20 A	4
5	20 A				EXISTING		1	0 VA		0 VA				1		EXISTING				20 A	6
7	20 A				EXISTING		1	0 VA		0 VA				1		EXISTING				20 A	8
9	20 A				EXISTING		1	0 VA		0 VA				1		EXISTING				20 A	10
11	20 A				EXISTING		1	0 VA		0 VA				1		EXISTING				20 A	12
13	20 A				EXISTING		1	0 VA		0 VA				1		EXISTING				20 A	14
15	20 A				EXISTING		1	0 VA		0 VA				1		EXISTING				20 A	16
17	20 A				EXISTING		1	0 VA		0 VA				1		EXISTING				20 A	18
19	20 A				EXISTING		1	0 VA		0 VA				1		EXISTING				20 A	20
21	20 A				EXISTING		2	0 VA		0 VA				2		EXISTING				15 A	22
23	20 A				EXISTING		2	0 VA		0 VA				2		EXISTING				15 A	24
25	20 A				EXISTING		2	0 VA		0 VA				2		EXISTING				15 A	26
27	20 A				EXISTING		2	0 VA		0 VA				2		EXISTING				35 A	30
29	20 A				EXISTING		1	0 VA		0 VA				1		EXISTING				20 A	32
31	20 A				EXISTING		1	0 VA		0 VA				1		EXISTING				20 A	34
33	20 A				EXISTING		1	0 VA		0 VA				1		EXISTING				100 A	36
35	20 A				EXISTING		1	0 VA		0 VA				1		EXISTING				20 A	38
37	30 A				EXISTING		2	0 VA		0 VA				3		EXISTING				60 A	40
39	20 A				EXISTING		1	0 VA		0 VA				1		EXISTING				20 A	42
41	20 A				EXISTING		1	0 VA		0 VA				1		EXISTING				20 A	44
43	20 A				EXISTING		1	0 VA		0 VA				1		EXISTING				20 A	46
45	20 A				EXISTING		1	0 VA		0 VA				1		EXISTING				20 A	48
47	20 A				EXISTING		1	0 VA		0 VA				1		EXISTING				20 A	50
49	20 A				EXISTING		1	0 VA		0 VA				1		EXISTING				20 A	52
51	20 A	2-12	12	1/2"	OFFICE 105 RECEP		1	1200 VA		1200 VA				1		OFFICE 104 RECEP	1/2"	12	2-12	20 A	54
53	20 A	2-12	12	1/2"	SUPPLY REF		1	1200 VA		1200 VA				1		SUPPLY 105 RECEP	1/2"	12	2-12	20 A	56
55	20 A	2-12	12	1/2"	CONFERENCE 103 RECEP		1	1200 VA		1200 VA				1		LOBBY RECEP	1/2"	12	2-12	20 A	58
57	20 A	2-12	12	1/2"	RECEP CONFERENCE 103		1	800 VA		800 VA				1		RECEP DATA 119	1/2"	12	2-12	20 A	60
59	90 A	4-3	8	1.5"	WH-1		3	8000 VA		4000 VA				3		WH-2	1"	10	4-6	50 A	62
61	20 A	2-12	12	1/2"	ICE MACHINE		1	8000 VA		1200 VA				1		RECEP ROOM 111, 110	1/2"	12	2-12	20 A	64
63	20 A	2-12	12	1/2"	RECEP HEAD COACH 107		1	600 VA		800 VA				1		HEAD COACH RECEP	1/2"	12	2-12	20 A	66
65	20 A	2-12	12	1/2"	DRESSING ROOM TV		1	400 VA		200 VA				1		EW	1/2"	12	2-12	20 A	68
67	20 A	2-12	12	1/2"	RECEP TEAM STORE 117		1	600 VA		1400 VA				1		RECEP ROOM 115, 114	1/2"	12	2-12	20 A	70
69	20 A	2-12	12	1/2"	RECEP ELEV. E101		1	200 VA		15561 VA				3		PANEL C	2"	6	4-3Ø	200 A	76
71	20 A	2-12	12	1/2"	RECEP ELEV. E101		1	200 VA		15561 VA				3		PANEL C	2"	6	4-3Ø	200 A	7

**PANEL: C (NEW)**

VOLTAGE 120/208,3Ø,4W  
200 AMP  
NEUTRAL 100% 200%

ENCLOSURE ■ NEMA 1 (TOOL-LESS DOOR-IN-DOOR CONSTRUCTION)  
□ NEMA 3R  
□ NEMA 4X 320 STAINLESS STEEL  
□ LOCKABLE COVER

FEED ■ TOP  
■ BOTTOM

BRANCHES ■ BOLT-ON, PANELBOARD CONSTR  
□ FUSIBLE SWITCHES, FURNISH ALL FUSES...  
□ PLUG-ON, LOADCENTER CONSTR.

■ FULLY RATED  
□ SERIES RATED

■ FURNISH GROUND BAR KIT  
□ FURNISH ADDITIONAL ISOLATED GROUND BAR KIT  
□ SERVICE ENTRANCE LABEL

A.I.C. Rating: 10K

FREE STANDING (FRONT ACCESS ONLY)  
FREE STANDING (FRONT AND REAR ACCESS)

FREE STANDING (FRONT ACCESS ONLY)  
FREE STANDING (FRONT AND REAR ACCESS)

ALL COPPER BUSSING

CKT #	TRIP AMPS	WIRE	GND	COND.	LOAD DESCRIPTION	NOTES	# POLES	A	B	C	A	B	C	# POLES	NOTES	LOAD DESCRIPTION	COND.	GND	WIRE	TRIP AMPS	CKT #	
1	20 A	2-8	8	3/4"	GRANDSTAND LIGHTING	--	1	1748 VA			1023 VA			1	--	SUITE LIGHTING	1/2"	12	2-12	20 A	2	
3	20 A	2-12	12	1/2"	SUITE LIGHTING	--	1	1380 VA			624 VA			1	--	SUITE LIGHTING	1/2"	12	2-12	20 A	4	
5	20 A	2-12	12	1/2"	UC FRIDGE	--	1			400 VA			400 VA	1	--	ICE MAKER	1/2"	12	2-12	20 A	6	
7	20 A	2-12	12	1/2"	SUITE 207	--	1	1400 VA			600 VA			1	--	ICE MAKER	1/2"	12	2-12	20 A	8	
9	20 A	2-12	12	1/2"	UC FRIDGE	--	1		200 VA		1200 VA			1	--	SUITE 206	1/2"	12	2-12	20 A	10	
11	20 A	2-12	12	1/2"	ICE MAKER	--	1			400 VA			400 VA	1	--	UC FRIDGE	1/2"	12	2-12	20 A	12	
13	20 A	2-12	12	1/2"	SUITE 205	--	1	1400 VA			1600 VA			1	--	CLUB AREA	1/2"	12	2-12	20 A	14	
15	20 A	2-12	12	1/2"	MEETING ROOM	--	1		1200 VA		800 VA			1	--	MEETING ROOM	1/2"	12	2-12	20 A	16	
17	20 A	2-12	12	1/2"	SCORE/PA 201A	--	1			1200 VA			1200 VA	1	--	PRESS BOX	1/2"	12	2-12	20 A	18	
19	20 A	2-12	12	1/2"	HOME RADIO 201B	--	1	800 VA			1000 VA			1	--	ICE MAKER	1/2"	12	2-12	20 A	20	
21	20 A	2-12	12	1/2"	PRESS BOX FRIDGE	--	1		200 VA		200 VA			1	--	ICE MAKER	1/2"	12	2-12	20 A	22	
23	20 A	2-12	12	1/2"	BROADCAST 201C	--	1			1400 VA			1000 VA	1	--	MEDIA 201D	1/2"	12	2-12	20 A	24	
25	20 A	2-12	12	1/2"	FOOD PREP	--	1	800 VA			400 VA			1	--	UC FRIDGE	1/2"	12	2-12	20 A	26	
27	20 A	2-12	12	1/2"	ICE MAKER	--	1		400 VA		1400 VA			1	--	SUITE 210	1/2"	12	2-12	20 A	28	
29	20 A	2-12	12	1/2"	ICE MAKER	--	1			400 VA			400 VA	1	--	UC FRIDGE	1/2"	12	2-12	20 A	30	
31	20 A	2-12	12	1/2"	SUITE 211	--	1	1400 VA			1600 VA			1	--	SUITE 212	1/2"	12	2-12	20 A	32	
33	20 A	2-12	12	1/2"	UC FRIDGE	--	1		400 VA		400 VA			1	--	ICE MAKER	1/2"	12	2-12	20 A	34	
35	20 A	2-12	12	1/2"	AC-4	--	2	470 VA			470 VA			2	--	BCC/OOAS-4	1/2"	12	2-12	20 A	36	
37	20 A	2-12	12	1/2"	AC-3	--	2	583 VA			675 VA			2	--	BCC/OOAS-3	1/2"	12	2-12	20 A	38	
41	20 A	2-12	12	1/2"	EP-910	--	1	200 VA			583 VA			1	--	RECEP SCORE/PA 201A	1/2"	12	2-12	20 A	44	
45	20 A	2-12	12	1/2"	RECEP CLUB AREA 202	--	1		400 VA		200 VA			1	--	FLUSH VALVES	1/2"	12	2-12	20 A	46	
47	40 A	2-8	10	3/4"	WH-5	*	2	2700 VA			2700 VA			100	1	--	WATER VALVES	1/2"	12	2-12	20 A	48
49	40 A	2-8	10	3/4"	WH-6	*	2	2700 VA			1150 VA			100	1	--	SOUND AMP	1/2"	12	2-12	20 A	50
51	40 A	2-8	10	3/4"	WH-6	*	2	2700 VA			1050 VA			100	1	--	SOUND AMP	1/2"	12	2-12	20 A	52
53	40 A	2-8	10	3/4"	WH-6	*	2	2700 VA			1050 VA			100	1	--	SOUND AMP	1/2"	12	2-12	20 A	54
55	20 A	2-12	12	1/2"	SOUND AMP	--	1	1400 VA			850 VA			1	--	SPARE					56	
57	20 A	2-12	12	1/2"	SOUND AMP	--	1	1400 VA			150 VA			1	--	SPARE					58	
59	20 A	--	--	--	SPARE	--	1			0 VA			0 VA	1	--	SPARE					60	

TOTAL LOAD = 43.4 kVA  
TOTAL AMPS = 120 A

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	2621 VA	85.00%	2228 VA	
LIGHTING	4774 VA	100.00%	4774 VA	
Motor	200 VA	125.00%	250 VA	
Power	3400 VA	100.00%	3400 VA	
RECEP	28700 VA	67.42%	19350 VA	
MISC	450 VA	100.00%	450 VA	
VRF CASSETTES	2105 VA	100.00%	2105 VA	
WATER HEATING	10800 VA	100.00%	10800 VA	
<b>Total Conn. Load:</b>	<b>53050 VA</b>		<b>35000 VA</b>	
<b>Total Est. Load:</b>	<b>43.4 kVA</b>		<b>43.4 kVA</b>	
<b>Total Conn.:</b>	<b>147 A</b>		<b>120 A</b>	
<b>Total Est. Amps:</b>	<b>120 A</b>		<b>120 A</b>	

Notes:  
\* CIRCUIT BREAKERS SHALL BE TYPE GFCI  
(A) FINAL AIC RATING FOR THE PANEL TO BE BASED UPON FAULT CURRENT STUDY. FAULT CURRENT VALUE PROVIDED IS FOR BIDDING PURPOSES ONLY. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.  
(B) SPARE CIRCUIT BREAKERS SHALL BE INSTALLED IN 'OFF' POSITION

**PANEL: L (NEW)**

VOLTAGE 120/208,3Ø,4W  
100 AMP  
NEUTRAL 100% 200%

ENCLOSURE ■ NEMA 1 (TOOL-LESS DOOR-IN-DOOR CONSTRUCTION)  
□ NEMA 3R  
□ NEMA 4X 320 STAINLESS STEEL  
□ LOCKABLE COVER

FEED ■ TOP  
■ BOTTOM

BRANCHES ■ BOLT-ON, PANELBOARD CONSTR  
□ FUSIBLE SWITCHES, FURNISH ALL FUSES...  
□ PLUG-ON, LOADCENTER CONSTR.

■ FULLY RATED  
□ SERIES RATED

■ FURNISH GROUND BAR KIT  
□ FURNISH ADDITIONAL ISOLATED GROUND BAR KIT  
□ SERVICE ENTRANCE LABEL

A.I.C. Rating: 10K

FREE STANDING (FRONT ACCESS ONLY)  
FREE STANDING (FRONT AND REAR ACCESS)

FREE STANDING (FRONT ACCESS ONLY)  
FREE STANDING (FRONT AND REAR ACCESS)

ALL COPPER BUSSING

CKT #	TRIP AMPS	WIRE	GND	COND.	LOAD DESCRIPTION	NOTES	# POLES	A	B	C	A	B	C	# POLES	NOTES	LOAD DESCRIPTION	COND.	GND	WIRE	TRIP AMPS	CKT #
1	30 A	4-12	12	1/2"	DRYER	--	3	792 VA			792 VA			3	--	DRYER	1/2"	12	4-12	20 A	2
3	20 A	2-12	12	1/2"	DRYER	--	1	792 VA			792 VA			1	--	DRYER	1/2"	12	2-12	20 A	4
5	20 A	2-12	12	1/2"	DRYER	--	1	792 VA			792 VA			1	--	DRYER	1/2"	12	2-12	20 A	6
7	20 A	2-12	12	1/2"	DRYER	--	1	792 VA			792 VA			1	--	DRYER	1/2"	12	2-12	20 A	8
9	20 A	4-12	12	1/2"	WASHER	--	3	667 VA			667 VA			3	--	WASHER	1/2"	12	4-12	20 A	10
11	20 A	2-12	12	1/2"	WASHER	--	1	667 VA			667 VA			1	--	WASHER	1/2"	12	2-12	20 A	12
13	20 A	--	--	--	SPARE	--	1	0 VA			0 VA			1	--	SPARE					14
15	20 A	--	--	--	SPARE	--	1	0 VA			0 VA			1	--	SPARE					16
17	20 A	--	--	--	SPARE	--	1	0 VA			0 VA			1	--	SPARE					18

TOTAL LOAD = 9.3 kVA  
TOTAL AMPS = 26 A

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Motor	8754 VA	106.79%	9348 VA	
<b>Total Conn. Load:</b>	<b>8754 VA</b>		<b>9348 VA</b>	
<b>Total Est. Load:</b>	<b>9.3 kVA</b>		<b>9.3 kVA</b>	
<b>Total Conn.:</b>	<b>24 A</b>		<b>26 A</b>	
<b>Total Est. Amps:</b>	<b>26 A</b>		<b>26 A</b>	

Notes:  
(A) FINAL AIC RATING FOR THE PANEL TO BE BASED UPON FAULT CURRENT STUDY. FAULT CURRENT VALUE PROVIDED IS FOR BIDDING PURPOSES ONLY. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.  
(B) SPARE CIRCUIT BREAKERS SHALL BE INSTALLED IN 'OFF' POSITION

**PANEL: K (NEW)**

VOLTAGE 120/208,3Ø,4W  
200 AMP  
NEUTRAL 100% 200%

ENCLOSURE ■ NEMA 1 (TOOL-LESS DOOR-IN-DOOR CONSTRUCTION)  
□ NEMA 3R  
□ NEMA 4X 320 STAINLESS STEEL  
□ LOCKABLE COVER

FEED ■ TOP  
■ BOTTOM

BRANCHES ■ BOLT-ON, PANELBOARD CONSTR  
□ FUSIBLE SWITCHES, FURNISH ALL FUSES...  
□ PLUG-ON, LOADCENTER CONSTR.

■ FULLY RATED  
□ SERIES RATED

■ FURNISH GROUND BAR KIT  
□ FURNISH ADDITIONAL ISOLATED GROUND BAR KIT  
□ SERVICE ENTRANCE LABEL

A.I.C. Rating: 10K

FREE STANDING (FRONT ACCESS ONLY)  
FREE STANDING (FRONT AND REAR ACCESS)

FREE STANDING (FRONT ACCESS ONLY)  
FREE STANDING (FRONT AND REAR ACCESS)

ALL COPPER BUSSING

CKT #	TRIP AMPS	WIRE	GND	COND.	LOAD DESCRIPTION	NOTES	# POLES	A	B	C	A	B	C	# POLES	NOTES	LOAD DESCRIPTION	COND.	GND	WIRE	TRIP AMPS	CKT #
1	30 A	2-10	10	1/2"	POPCORN MACHINE	--	2	2080 VA			2080 VA			2	--	POPCORN MACHINE	1/2"	12	2-10	20 A	2
3	20 A	2-12	12	1/2"	ICE MAKER	--	2	1654 VA			1654 VA			2	--	ICE MAKER	1/2"	12	2-12	20 A	4
5	20 A	2-12	12	1/2"	ICE MAKER	--	2	1654 VA			1654 VA			2	--	ICE MAKER	1/2"	12	2-12	20 A	6
7	20 A	2-12	12	1/2"	ICE MAKER	--	2	1654 VA			1654 VA			2	--	ICE MAKER	1/2"	12	2-12	20 A	8
9	40 A	2-8	10	3/4"	WASHER	--	2	3172 VA			3172 VA			2	--	WASHER	1/2"	12	4-12	20 A	10
11	20 A	2-12	12	1/2"	POS	--	1	1200 VA			3172 VA			1	--	POS	1/2"	12	2-12	20 A	12
13	20 A	2-12	12	1/2"	CARBONATOR	--	1	1000 VA			3562 VA			1	--	CARBONATOR	1/2"	12	2-12	20 A	14
15	20 A	2-10	10	1/2"	FREEZERS	--	1	2304 VA			1200 VA			1	--	FREEZERS	1/2"	12	2-12	20 A	16
17	30 A	2-10	10	1/2"	HOOD CONTROL PANEL	--	1	300 VA			1296 VA			1	--	HOOD CONTROL PANEL	1/2"	12	2-12	20 A	18
19	20 A	2-12	12	1/2"	REFRIGERATOR	--	1	876 VA			1144 VA			1	--	REFRIGERATOR	1/2"	12	2-12	20 A	20
21	20 A	2-12	12	1/2"	REFRIGERATOR	--	1	876 VA			1144 VA			1	--	REFRIGERATOR	1/2"	12	2-12	20 A	22
23	20 A	2-12	12	1/2"	REFRIGERATOR	--	1	876 VA			1144 VA			1	--	REFRIGERATOR	1/2"	12	2-12	20 A	24
25	20 A	2-12	12	1/2"	RECEPTACLES	--	1	800 VA			2004 VA			1	--	RECEPTACLES	1/2"	12	2-12	20 A	26
27	20 A	2-12	12	1/2"	WARMER PASSTHROUGH	--	1	1560 VA			2004 VA			1	--	WARMING CABINET	1/2"	10	2-10	30 A	28
29	20 A	2-12	12	1/2"	REFRIGERATED COUNTER	--	1	0 VA			516 VA			1	--	WARMING CABINET	1/2"	10	2-10	30 A	30
31	20 A	--	--	--	SPARE	--	1	0 VA			0 VA			1	--	PILOT LIGHT/GAS VALVE	1/2"	12	2-12	20 A	32
33	20 A	--	--	--	SPARE	--	1	0 VA			0 VA			1	--	PILOT LIGHT/GAS VALVE	1/2"	12	2-12	20 A	34
35	20 A	--	--	--	SPARE	--	1	0 VA			0 VA			1	--	SPARE					36
37	20 A	--	--	--	SPARE	--	1	0 VA			0 VA			1	--	SPARE					38
39	20 A	--	--	--	SPARE	--	1	0 VA			0 VA			1	--	SPARE					40
41	20 A	--	--	--	SPARE	--	1	0 VA			0 VA			1	--	SPARE					42

TOTAL LOAD = 38.3 kVA  
TOTAL AMPS = 106 A

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	2954 VA	85.00%	2511 VA	
Kitchen Equipment - Non-Dwelling Unit	9651 VA	100.00%	9651 VA	
Motor	1369 VA	125.00%	1711 VA	
RECEP	23544 VA	71.24%	16772 VA	
MISC	550 VA	100.00%	550 VA	
HEAT STRIP/ ELEC HEAT	7123 VA	100.00%	7123 VA	
<b>Total Conn. Load:</b>	<b>45191 VA</b>		<b>38.3 kVA</b>	
<b>Total Est. Load:</b>	<b>38.3 kVA</b>		<b>38.3 kVA</b>	
<b>Total Conn.:</b>	<b>125 A</b>		<b>106 A</b>	
<b>Total Est. Amps:</b>	<b>106 A</b>		<b>106 A</b>	

Notes:  
\* CIRCUIT BREAKER SHALL BE SHUNT TRIP TYPE AND INTEGRATED WITH HOOD SUPPRESSION SYSTEM

## Section 11 30 00

### Appliances

Specifications

11 30 00-1

#### PART 1 GENERAL

##### 1.01 SECTION INCLUDES

- A. Commercial appliances of the following types:
  - 1. Undercounter Refrigerator.
  - 2. Undercounter Ice Maker
  - 3. Upright Refrigerator

##### 1.02 RELATED SECTIONS

- A. Section 06 40 00 – Interior Architectural Woodwork; cabinets and countertops.

##### 1.03 REFERENCES

- A. ANSI A117.1 - Guidelines for Accessible and Useable Buildings and Facilities.
- B. EPA- Energy Star Appliances.
- C. Public Law 101-336 - Americans with Disabilities Act.

##### 1.04 SUBMITTALS

- A. Submit under provisions of Section 01 33 00.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
  - 1. Model number and selected options for each appliance.
  - 2. Preparation instructions and recommendations.
  - 3. Storage and handling requirements and recommendations.
  - 4. Installation methods.
  - 5. List of maintenance parts.

##### 1.05 QUALITY ASSURANCE

- A. Regulatory Requirements: Comply with referenced standards and the Americans with Disabilities Act as applicable for fixtures for the disabled.
- B. Energy Rating: Provide appliances with the EPA Energy Star label where applicable.
- C. Coordinate rough-in requirements with adjacent construction. Coordinate components and fittings to ensure compatible parts are installed.

##### 1.06 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.

##### 1.07 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

##### 1.08 WARRANTY

- A. Provide manufacturer's standard written warranty for each type of appliance specified.

#### PART 2 PRODUCTS

##### 2.01 MANUFACTURERS

- A. Hoshizaki
- B. True
- C. Summit
- D. Requests for substitutions will be considered in accordance with provisions of Section 01 25 00.

## Section 11 30 00

### Appliances

Specifications

11 30 00-2

#### 2.02 APPLIANCES (BASIS OF DESIGN)

- A. Refrigerators:
  - 1. Upright Refrigerator: True Super Slimline T-11-HC
  - 2. Undercounter Refrigerator: Summit AL57GCSS
- B. Ice Maker:
  - 1. Hoshizaki C-80BAJ-AD

### PART 3 EXECUTION

#### 3.01 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared. Coordinate rough-in with appliance sizes and utility requirements.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

#### 3.02 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

#### 3.03 INSTALLATION

- A. Assemble appliances and trim and install in accordance with manufacturer's instructions and the following:
  - 1. Securely mount to substrate.
  - 2. Install appliances plumb and level and in proper relationship to adjacent construction.
  - 3. Provide and install all necessary electrical cord and plug assemblies as required for service; of necessary length to reach outlets.
  - 4. Connect appliances to building utility, supply and waste systems as applicable.
  - 5. Test for proper operation and drainage. Adjust until proper operation is achieved.

#### 3.04 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

**END OF SECTION**

**SECTION 11 68 33  
ATHLETIC FIELD EQUIPMENT**

**PART 1 - GENERAL**

**1.1 SUMMARY**

- A. Provide all equipment and materials. Do all work necessary to furnish and install the Backstop Netting System, as indicated on the drawings and as specified herein.
- B. The existing netting system shall have the outboard tie-back poles removed and the netting system shall be tied back to the new building structure. Coordinate with manufacturer for appropriate hardware and materials necessary to modify tie-back points.

**1.2 RELATED WORK**

- A. Examine Contract Documents for requirements that affect work of this section.

**1.3 REFERENCES**

- A. Comply with applicable requirements of the following standards. Where these standards conflict with other specified requirements, the most restrictive requirements shall govern.
  - 1. Manufacturers Data and Recommended Installation Requirements.

**1.4 SUBMITTALS**

- A. Shop Drawings & Regulatory Requirements
  - 1. Provide drawings of manufacturers recommended installation and foundation requirements prior to actual field installation work for Architect or Owner's Representative review and approval.
  - 2. Backstop netting system shall meet the requirements of the jurisdictional code authorities. Furnish all calculations, engineer's stamps (per State registration), drawings, and other items required by code authorities to obtain approval of installation.

**1.5 QUALITY ASSURANCE**

- A. The contractor shall only accept bids from those vendors or manufacturers that have been pre-approved or identified as approved equal.

**1.6 WARRANTY**

- A. The netting manufacturer shall provide a warranty to the owner that covers defects in materials and workmanship for a period of 1 year from the date of substantial completion.

**1.7 DELIVERY, STORAGE AND HANDLING**

- A. Materials delivered to the site shall be examined for concealed damage or defects in shipping. Any defects shall be noted and reported to the Owner's Representative.

- B. Replacements, if necessary, shall be immediately re-ordered, so as to minimize any conflict with the construction schedule.
- C. Sound materials shall be stored above the ground under protective cover or indoors so as to provide proper protection.

## **PART 2 - PRODUCTS**

### **2.1 BASIS OF DESIGN MANUFACTURERS**

- A. Manufacturers and product selections named are provided to establish the minimum standard.

- 1. Outboard Tie-Back Lift & Tension Backstop Netting System (Model #BSTB-XP) – As manufactured by:

Beacon Athletics (Attn: Bidding Dept – National Sales)  
901 Deming Way, Ste 101  
Madison, WI 53717  
Toll Free (800) 747-5985  
Fax (608) 836-0724  
Email: [bids@beaconathletics.com](mailto:bids@beaconathletics.com)  
Website: [www.beaconathletics.com](http://www.beaconathletics.com)

### **2.2 BACKSTOP NETTING SYSTEM EQUIPMENT**

- A. Beacon Athletics Outboard Tie-Back Lift & Tension Backstop Netting System (Model #BSPB-XP) for athletic activities:

- 1. Description/Size:
  - a. Backstop Netting Layout = ' x ' x
  - b. Tie-Back Pole Distance =
  - c. Outboard Pole Distance = ' from where net ends
  - d. Overall System Height = ' above field grade
  - e. Each netting system to be raised, lowered, and tensioned by means of lifting halyards at each pole of the netting run
- 2. Poles: Round steel sections (ASTM A500B or C) with welded cap plate, straight poles, direct embedment into foundation (optional base plate mounted installation available), black painted finish, provide vertical cable attached to poles where netting has vertical edge or vertical seam, all connection points for netting system to be welded on the poles prior to painting.
- 3. Netting: Netting shall be a minimum #36 twisted knotted black mesh (340 lb. break strength)
- 4. Hardware: All attachment hardware to be hot dipped galvanized, stainless steel or painted to minimize rust.

## **PART 3 - EXECUTION**

### **3.1 INSPECTION**

- A. Examine the areas and conditions where equipment and systems are to be installed and notify the contractor of conditions detrimental to the proper and timely installation and completion of the work.
- B. Do not proceed with the work until unsatisfactory conditions have been corrected by the contractor in a manner acceptable and to the satisfaction of the Architect/Engineer or Owner's Representative.

### **3.2 INSTALLATION**

- A. All backstop netting equipment shall be installed as indicated on approved submittals as recommended and in strict accordance with the manufacturer's drawings.
- B. All concrete footings for the backstop netting system shall be installed as indicated on the drawings.
- C. All poles required for backstop netting system installation shall be set plumb and true to line and grade in concrete as indicated on the drawings and per manufacturer's recommendation.

**END OF SECTION**

# Section 12 20 00 Window Treatments

Construction Documents

12 20 00-1

## PART 1 GENERAL

### 1.01 SUMMARY

- A. Section Includes
  - 1. Premium quality manual roller shades
- B. Related Sections:
  - 1. Section 06 10 00: Rough Carpentry
  - 2. Section 08 41 13: Aluminum Entrances and Storefronts
  - 3. Section 08 80 00: Glazing

### 1.02 REFERENCES

- A. Flame-resistant materials shall pass or exceed one or more of the following tests
  - 1. National Fire Protection Association (NFPA) 701 (small scale for horizontal applications)

### 1.03 SUBMITTALS

- A. Product data: Manufacturer's descriptive literature shall be submitted indicating materials, finishes, construction and installation instructions and verifying that product meets requirements specified. Manufacturers recommendations for maintenance and cleaning shall be included.
- B. Drawings and diagrams: Diagrams of components or units, working and assembly drawings shall be supplied and as requested.
- C. Sample: Responsible contracting officer or agent shall supply one sample shade of each type specified in this contract for approval. Supplied units shall be furnished complete with all required components, mounting and associated hardware, instructions and warranty.

### 1.04 QUALITY ASSURANCE:

- A. Supplier: Manufacturer, subsidiary or licensed agent shall be approved to supply the products specified, and to honor any claims against product presented in accordance with warranty.
- B. Installer: Installer or agent shall be qualified to install specified products by prior experience, demonstrated performance and acceptance of requirements of manufacturer, subsidiary, or licensed agent. Installer shall be responsible for an acceptable installation.
- C. Uniformity: Provide Manual Roller Shades of only one manufacturer for entire project.

### 1.05 DELIVERY, STORAGE AND HANDLING:

- A. Product shall be delivered to site in manufacturer's original packaging.
- B. Product shall be handled and stored to prevent damage to materials, finishes and mechanisms.

### 1.06 JOB CONDITIONS:

- A. Prior to shade installation, building shall be enclosed.
- B. Interior temperature shall be maintained between 60° F. and 90° F. during and after installation; relative humidity shall not exceed 80%. Wet work shall be complete and dry.

### 1.07 WARRANTY:

- A. Lifetime Limited Warranty. Fabrics warranted for 5 years. Specific product warranties available from manufacturer or its authorized agent.

## PART 2 PRODUCTS

### 2.01 ACCEPTABLE MANUFACTURERS

- A. MechoShade Systems (Basis of Design)
- B. SWF
- C. Hunter Douglas Contract
- D. Substitutions: In accordance with Section 01 63 00.

### 2.02 MANUAL ROLLER SHADES

- A. Materials
  - 1. Fabrics: Inherently anti-static, flame retardant, fade and stain resistant, light filtering, room darkening, & blackout fabrics providing 0% - 15% openness factors. Fabric weights to range between 6.00 oz/sq.yd. – 20.70 oz/sq.yd. containing fiberglass, PVC, polyester,

## Section 12 20 00 Window Treatments

Construction Documents

12 20 00-2

- acrylic, vinyl laminates, cotton, & vinyl coatings. Finish selected by architect from manufacturer's available contract colors.
2. Control System: Adjustment-free continuous qualified #10 stainless steel ball chain ((90-lb. test)) and pulley clutch operating system allows precise control and ensures a uniform look. Clutch will develop no more than ½ pound drag for ease of lifting. Glass reinforced polyester thermopolymer (PBT) plastic components conform to military specification MIL M-24519 and designed for smooth, trouble-free operation.
  3. Roller: Circular-shaped painted extruded aluminum tubes with thicker wall & ribs provide additional strength while locking into place the clutch & end plug. 3" outside diameter extruded tube to have a .090 wall thickness. 2" outside diameter extruded tube to have a .072" wall thickness (1 ½" & 1 1/8" tubes have .055" wall thickness) providing strength & durability.
  4. End Plug: Heat stabilized fiber reinforced plastic outside sleeve and center shaft provide bearing surfaces on which the roller rides ensuring smooth, wear resistant operation.
  5. Bottom Rod: Extruded aluminum weight in a Sealed Pocket Hem Bar (excluding thicker fabric) for tracking adjustments and provides uniform look.
  6. Mounting Hardware: Manufacturer's standard .07" nickel-plated, C1008/1010 cold rolled steel universal brackets including end plug bracket with lock down retainer device.
  7. Fascia: 3" High with a 2 ¼" bottom lip that snaps onto 3"X3" fascia bracket. Finish to be clear anodized.

### 2.03 FABRICATION

- A. Shade measurements shall be accurate to within  $\pm 1/8$ " or as recommended in writing by manufacturer.

### 2.04 FABRICS

- A. Type 1: Soho 1600 (3% Openness) or equal
- B. Color: 1613, Smoke.

## PART 3 EXECUTION

### 3.01 INSPECTION:

- A. Subcontractor shall be responsible for inspection on site, approval of mounting surfaces, installation conditions and field measurement for this work.
- B. Other interacting trades shall receive drawings of shade systems, dimensions, assembly and installation methods from subcontractor upon request.

### 3.02 INSTALLATION:

- A. Installation shall comply with manufacturer's specifications, standards and procedures as detailed on contract drawings.
- B. Adequate clearance shall be provided to permit unencumbered operation of shade and hardware.
- C. Clean finish installation of dirt and finger marks. Leave work area clean and free of debris.

### 3.03 DEMONSTRATION:

- A. Demonstrate operation method and instruct owner's personnel in the proper operation and maintenance of the blinds.

### 3.04 SCHEDULE:

- A. All windows unless noted otherwise.

**END OF SECTION**