



June 6, 2025
2023159.00

Addendum No.3
to
CONSTRUCTION DOCUMENTS
for

06/06/2025

NCISD New District Administration Building
21330 Valley Ranch Parkway
New Caney, TX. 77357
June 2, 2025

- A. The original bidding documents for the above referenced project are hereby amended as noted in Addendum No. 2.
- B. This Addendum supersedes and takes precedence over information provided prior to the date of this Addendum.
- C. Refer to attached Civil, Structural and MEPT narratives.

SECTION 1: Informational:

1. Contractor Submitted questions:

- a. Part 3.7 of specification section 31 23 00 calls for select fill at all areas of paving, walks, and exterior slabs that require fill. The geotechnical report indicates that general fill is acceptable for use in the paving areas. Please confirm if select fill is required for fill in all paved areas or if general fill is acceptable.

Answer: Per the geotechnical report, provide 6" lime treated subgrade for pavement sections greater than or equal to 5" thick. Provide 3" compacted sand bedding below 4.5" thick concrete sidewalks per detail on C14.00 PAVING DETAILS. General fill is acceptable for disturbed areas that will remain unpaved.

- b. The utility trench backfill details on sheet C11.0, C12.0, & C13.0 call for 12" of lime treated subgrade between the cement stabilized sand and paving. Specification 33 05 28 calls for bank sand or select fill backfill at waterlines depending on the line size. Sanitary Sewer Note 7 on sheet C1.00 calls for stabilized sand to bottom of paving. Water Note 4. calls for bank sand embedment and stabilized sand to bottom of pavement. Please confirm the bedding and fill materials at utility piping as well as the stabilized sand depth in utility trenches under pavement, i.e. shall be to the bottom of concrete or remain low for a layer of lime (lime-fly ash) treated subgrade. If the backfill is to remain low, please confirm the depth of the treated subgrade above the cement stabilized fill.

Answer: Bedding for utilities under paving shall remain low for a 6" layer of lime treated subgrade between the concrete paving and cement stabilized sand. Refer to the geotechnical report for lime treatment subgrade recommendations.

- c. Are toilet partitions to be "Black core Phenolic, floor mounted/headrail braced" as manufactured by Accurate or any of the 10 other manufacturers specified or are the partitions to be Alpaco Elegance, as manufactured by only Accurate partitions as specified?

Answer: Toilet Partitions are to be Alpaco Elegance, as manufactured by Accurate partitions.

- d. Does casing need to be included in the base bid?

Answer: The casing needs to be included in the alternate bid, with the piers. Slurry shouldn't be needed as we don't anticipate drilling below the water table. The water mentioned in the borings was water that entered the boring after 24 hours. As long as they drill and pour the footings as described in the report, not leaving the excavation open overnight, they shouldn't have an issue with major water. Pier detail should say 10'-0" MAX (not min).

SECTION 2: CHANGES TO THE SPECIFICATIONS:

1. Specification Document 00 01 10, Table of Contents
 1. Revised Security Glazing Specification Document number from 08 85 53 to 08 88 56.
 2. Added the following Specifications.
 - i) 01 45 23.13 – Observation Procedures
2. Specifications Document 01 23 00 – Alternates
 1. Section 3.4 Alternate No. 3 – Base Bid Adjustment
 - i) Revise verbiage to read as follows:
 - (1) "This alternate shall establish the amount the Base Bid is changed from the Base Proposal Amount indicated on Exhibit A - Proposal Form. The correction is made solely at the discretion of the Proposer to adjust the Base Proposal amount submitted prior to submittal of Alternate proposals. There is no scope associated with this Alternate."
3. Specifications Document 01 45 23 – Testing and Inspecting Services
 1. Replace section in its entirety.
4. Specifications Document 01 45 23.13 – Observation Procedures
 1. Add section in its entirety.
5. Specification Document 09 29 00 – Gypsum Board
 1. Section 3.6.6.a – replace the word enamels with "Finishes"
6. Specification Document 10 22 33, Folding Panel Partitions
 1. Section 2.2.5.2. Pocket Doors
 - a. Subsection a was revised to read "Include options for High Pressure Laminate (HPL) from manufacturer's full color selection."
 - b. Added subsections b & c as follows:
 - b. Include T-splice trim at horizontal seams. Color/ finish to be selected from manufacturer's options.
 - c. Interior of pocket doors to be painted with color selected by owner/ architect.

SECTION 3: CHANGES TO THE DRAWINGS:

Architectural

1. Sheet AS-001 – Architectural Composite Site Plan
 - a. Removed ramp railing detail B2 from scope.
 - b. Revised detail B1 – Site Plan – Stadium to remove ramp scope and add site paving and rollover curb as shown.
2. Sheet A-318 – Wall Sections
 - a. Detail C6/ Wall Section
 - i) Revised Unit Masonry from BRK-2 to BRK-3.
 - b. Detail C6/ Wall Section @ Flag Pole
 - i) Revised Unit Masonry from BRK-2 to BRK-4.
3. Sheet A-503 – Door and Window Details
 - a. Removed gypsum board sheathing w/integrate weather resistant barrier note and replaced with:
 - i) 5/8" Sheathing
 - ii) Fluid applied membrane air barrier
4. Sheet A-504 – Door and Window Details
 - a. Detail D6

- i) Removed gypsum board sheathing w/integrate weather resistant barrier note and replaced with:
 - 5/8" Sheathing
 - Fluid applied membrane air barrier
 - ii)
- 5. Sheet A-505 – Door and Window Details
 - a. Removed gypsum board sheathing w/integrate weather resistant barrier note and replaced with:
 - i) 5/8" Sheathing
 - ii) Fluid applied membrane air barrier
 - b. Revised note metal panel system to read "metal wall panel – MP-1" on detail A1/A-505; C1/A-505 & D1/A-505
 - c. Revised detail A2/A-505 (Aluminum window head detail @ metal panel soffit
- 6. Sheet A-901 – Plan Details – Typical/First Floor
 - a. Removed gypsum board sheathing w/integrate weather resistant barrier note and replaced with:
 - i) 5/8" Sheathing
 - ii) Fluid applied membrane air barrier
- 7. Sheet A-902 – Plan Details – First Floor
 - a. Removed gypsum board sheathing w/integrate weather resistant barrier note and replaced with:
 - i) 5/8" Sheathing
 - ii) Fluid applied membrane air barrier
- 8. Sheet A-903 – Plan Details – First Floor
 - a. Removed gypsum board sheathing w/integrate weather resistant barrier note and replaced with:
 - i) 5/8" Sheathing
 - ii) Fluid applied membrane air barrier
- 9. Sheet A-904 – PLAN DETAILS – FIRST FLOOR / SECOND FLOOR
 - a. Removed gypsum board sheathing w/integrate weather resistant barrier note and replaced with:
 - i) 5/8" Sheathing
 - ii) Fluid applied membrane air barrier
- 10. Sheet A-905 – PLAN DETAILS – SECOND FLOOR
 - a. Removed gypsum board sheathing w/integrate weather resistant barrier note and replaced with:
 - i) 5/8" Sheathing
 - ii) Fluid applied membrane air barrier
- 11. Sheet A-906 – PLAN DETAILS – SECOND FLOOR
 - a. Removed gypsum board sheathing w/integrate weather resistant barrier note and replaced with:
 - i) 5/8" Sheathing
 - ii) Fluid applied membrane air barrier
- 12. Sheet A-907 – TYPICAL DETAILS
 - a. Added note "above ceiling openings to have finished face with painted gyp." for detail B1/A-907. Graphically added 5/8" gyp.
- 13. Sheet A-145 – REFLECTED CEILING SECOND FLOOR PLAN – AREA D2.2
 - a. Added detail C1/A-145 and C2/A-145 to illustrate acoustic panel attachment with Unistrut.
 - b. Added scheduled tectum ceiling panel graphically and note on RCP A1/A-145

Civil

14. Refer to the attached Civil addendum Narrative and sheets.

Structural

15. Refer to the attached Structural addendum Narrative and sheets.

MEPT:

16. Refer to the attached MEPT addendum Narrative and sheets.

END OF ADDENDUM NO. 3



Civil Narrative

NCISD Administration Building
Addendum #3
June 5, 2025

Below is a summary of the sheet and specification revisions for Addendum #3.

C2.00 DEMOLITION PLAN

- Removed note regarding pricing of vertical offset of existing 10" line added in Addendum 2 and revised note to: "Contractor to coordinate installation of pavement with utility owners of lines located within easements prior to construction (typ.)."
- Revised limits of concrete curb demolition in the southwest area of the site.

C3.00 PAVING PLAN

- Revised emergency overflow spillway material from concrete to earthen.

C7.01 DETENTION POND PLAN

- Added detail for earthen emergency overflow spillway.
- Revised emergency overflow spillway material from concrete to earthen.

C9.01 SITE PLAN – STADIUM

- Revised sheet name from "Site Plan – Stadium Ramp" to "Site Plan-Stadium".
- Removed concrete ramp and sidewalk from project scope.
- Added concrete paving hatch for proposed concrete paving around existing scoreboard.

C9.02 GRADING PLAN – STADIUM

- Revised sheet name from "Grading Plan – Stadium Ramp" to "Grading Plan-Stadium".
- Removed concrete ramp and sidewalk from project scope.
- Added elevations for proposed concrete paving around existing scoreboard.

C14.00 PAVING DETAILS

- Added detail for 4"x12" rollover curb.
- Added detail for transition from 6" curb to 4"x12" rollover curb.
- Added detail for sidewalk adjacent to flagpole base.

If you have any questions, please contact us at (713) 337-8881.

Thank you,

Carlos Pacas
Dally + Associates, Inc.

ADDENDUM 03 ISSUE
June 06, 2025

To Drawings and Specifications dated June 06, 2025.

New Caney ISD – Administration Building

Prepared by: Dally + Associates Structural Engineers
9800 Richmond Ave. – Suite 600
Houston, TX 77042
GPD Group Project #: 2023159.00

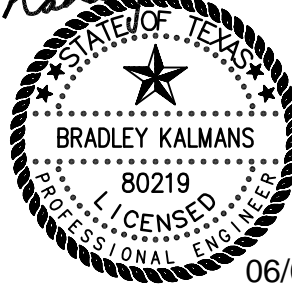
Notice to Bidders

- A. Receipt of this Addendum shall be acknowledged on the Bid Form.
- B. This Addendum forms part of the Contract documents for the above referenced project and shall be incorporated integrally therewith.
- C. Each bidder shall make the necessary adjustments and submit his proposal with full knowledge of all modifications, clarifications, and supplemental data included therein. Where provisions of the following supplemental data differ from those of the original Contract Documents, this Addendum shall govern.

DRAWINGS

Item No. 1 **Sheet S406:**

- a) Site ramp and details no longer in structural scope. Sheet removed from structural set.



06/05/2025

June 5, 2025

RE: New Caney ISD Admin Building
SOBE #2023-02824

Subj.: Addendum #3

SPECIFICATIONS

1. To Section 27 41 16.20 - Audio and Video Distribution Systems for Special Venues - Paragraph 2.8, article A:
 - a. Revise Liberty AV HDBaseT Wall Plate Extension Set Part no. to be DL-1H1A1UCWP-H3

CHANGES TO THE DRAWINGS

1. SHEET M-103-B1 – MECHANICAL FIRST FLOOR AREA – B1
 - a. Revise supply grille tag in Conference Room B101 to read “A/155, 8”ø, TYP.2”
2. SHEET M-110-A2 – MECHANICAL SECOND FLOOR AREA – A2
 - a. Add duct tag to exhaust ductwork leading from elevator shafts. Tag to read “20/12”.
3. SHEET M-111-B2 – MECHANICAL SECOND FLOOR AREA – B2
 - a. Revise supply grille tag in Conference Room B226 to read “A/300, 10”ø”
 - b. Revise supply grille tag in Executive Director B229 to read “A/300, 10”ø”
 - c. Revise supply grille tag in Director B231 to read “A/210, 8”ø”
 - d. Revise supply grille tag in Director B232 to read “A/210, 8”ø”
 - e. Revise supply grille tag in Director B233 to read “A/210, 8”ø”
4. SHEET M-112-C2 – MECHANICAL SECOND FLOOR AREA – C2
 - a. Revise supply grille tag in Conference Room C204 to read “A/310, 10”ø”
 - b. Revise supply grille tag in Director C206 to read “A/210, 8”ø”
 - c. Revise supply grille tag in Director C207 to read “A/210, 8”ø”
 - d. Revise supply grille tag in Coord. C208 to read “A/180, 8”ø”
5. SHEET E-503: ELECTRICAL PANEL SCHEDULES
 - a. Increase MCB FOR OHA panel schedule to 400A
 - b. Increase breaker feeding panel OLC to 150A
 - c. Increase breaker feeding panel 2OHB to 150A
6. SHEET E-504: ELECTRICAL PANEL SCHEDULES
 - a. Remove duplicate panel schedule for OHA
7. SHEET P-401: PLUMBING SCHEDULES
 - a. Gas Equipment Schedule: Revise “Emergency Generator” to read: Description: 250KW Emer. Generator; BTU Per Hour Load : 3,343,000; Total BTU Per Hour: 3,343,000; Total CFH: 3,343.
 - b. Gas Equipment Schedule: Revise “Total” to read: BTU Per Hour Load : 6,741,000; Total BTU Per Hour: 6,741,000; Total CFH: 6,741.
 - c. Gas Pressure Regulator Schedule: Revise GPR-5 CFH to read “3,343”.

REISSUED DRAWING SHEETS

1. SHEET M-104-C1 – MECHANICAL FIRST FLOOR AREA – C1
 - a. Revise medium pressure supply ductwork, low pressure supply ductwork and return air transfer boot. Refer to sheet.
2. SHEET M-113-D2 – MECHANICAL SECOND FLOOR AREA – D2



- a. Revise location of temperature sensor for terminal unit VAV-5-14 to be located in Director Secretary D203.
- b. Revise low pressure ductwork to terminal boxes VAV-5-15 and VAV-5-22.
3. SHEET M-114-D2.2 – MECHANICAL SECOND FLOOR AREA – D2.2
 - a. Revise ductwork and grilles serving Video Production Studio D262. Refer to sheet.
4. SHEET M-115-E2 – MECHANICAL SECOND FLOOR AREA – E2
 - a. Revise ductwork and grilles serving Training Room E208. Refer to sheet.
5. SHEET M-116-F2 – MECHANICAL SECOND FLOOR AREA – F2
 - a. Revise exhaust ductwork to route above Intern F231. Refer to sheet.
 - b. Revise supply grille tag in Conference Room F227 to read “A/320, 10”ø”
6. SHEET M-117-G2 – MECHANICAL SECOND FLOOR AREA – G2
 - a. Revise air device layout in training rooms G101 & G102.
7. SHEET M-118 – MECHANICAL ROOF PLAN
 - a. Revise location of EF-10 to reflect updates from sheet M116-F2. Refer to sheet.
8. SHEET M-202 – MECHANICAL SECOND FLOOR AREA – F2
 - a. View #3: Add elbow sound attenuator in ductwork served by AHU-5.
 - b. View #4: Add sound attenuator in ductwork served by AHU-6.
9. SHEET M-501 – MECHANICAL SCHEDULES
 - a. Add Duct Attenuators schedule.
 - b. Revise Air Handling Unit Schedule.
 - c. Revise Variable Volume Terminal Unit Schedule.
10. SHEET E-212-C2 ELECTRICAL POWER SECOND FLOOR AREA = C2
 - a. Add 45 kva transformer T2OLB in Mech C215.
11. SHEET E-218 – ELECTRICAL ROOF PLAN
 - a. Update electrical due to new location of EF-10.
12. SHEET E-401 – ELECTRICAL ONE-LINE DIAGRAM
 - a. Update feeder to panel OHA to 400A
 - b. Update feeder to panel OHC to 150A
 - c. Update feeder to 2OHB to 150A
 - d. Update Emergency Generator to 250KW.
 - e. Add new 45 kva transformer T2OLB to feed panel 2OLB
 - f. Revise transformer TOLB to 30KVA
 - g. Add Utility Load Analysis
 - h. Add Generator Load Analysis
13. SHEET E-505 – ELECTRICAL PANEL SCHEDULES
 - a. Increase size of MCB in panel 2OHB to 150A
 - b. Add breaker to feed Transformer T2OLB
 - c. Panel OHB: revise breaker size serving transformer TOLB
14. SHEET E-506 – ELECTRICAL PANEL SCHEDULES
 - a. Increase size of MCB in panel OHC to 150A
 - b. Add panel schedule for MSB
15. SHEET P-100 – PLUMBING SITE PLAN
 - a. Revise gas meter location and proposed gas pipe routing.
16. SHEET P-106-D1.2 – PLUMBING UNDER GROUND FLOOR AREA D1.2
 - a. Revise sanitary line to floor sink serving OAU-2.
 - b. Revise incoming gas pipe routing to new gas meter location.
 - c. Revise gas piping to generator.
17. SHEET P-112-C1– PLUMBING FIRST FLOOR AREA – C1
 - a. Revise sanitary line to floor sinks serving units OAU-1 and AHU-4.
18. SHEET P-121-C2– PLUMBING SECOND FLOOR AREA – C2



- a. Revise location of floor sinks serving units OAU-1 and AHU-4.
- 19. SHEET P-201 – PLUMBING ENLARGED FLOOR PLAN
 - a. Revise location of floor sink serving units OAU-2.
 - b. Revise gas meter location along with associated downstream gas piping.
- 20. SHEET P-501 PLUMBING RISER DIAGRAMS
 - a. VIEW #3 – GAS RISER DIAGRAM: Revise gas riser diagram reflecting new gas meter location and gas loads.

NEW DRAWING SHEETS

N/A

END OF ADDENDUM #3

SECTION 01 45 23
TESTING AND INSPECTING SERVICES
ADDENDUM NO. 3

1 GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 01, apply to this Section.
- B. Refer to Document 00 21 13, Instructions to Bidders, for substitution of materials and products.
- C. Addenda issued during the bidding period that affect this section of the specifications.

1.2 DESCRIPTION

- A. Refer to Section AB for substitutions.
- B. Scope or Work:
 - 1. The contractor shall allow in his proposal the coordination and supervision of test to be performed by an independent laboratory selected by the Owner.
 - 2. All testing laboratory services shall be provided and paid for by the owner outside of this contract.
 - 3. A testing laboratory shall be selected by the Owner, and the Contractor shall be notified as soon as possible.
 - 4. The Contractor shall cooperate with the testing laboratory in all matters pertaining to the work. The Owner retains the options to add to or delete any or all testing specified herein.
- C.

1.3 RELATED REQUIREMENTS

- A. Conditions of the Contract: Inspections and testing required by laws, ordinances, rules, regulations, orders or approvals, or public authorities.
- B. Respective Sections of Specifications: Certification of products.
- C. Each Specification Section Listed: Laboratory test required and standards for testing.
- D. Testing laboratory inspection, sampling and testing is required for:
 - 1. Section 31 20 00 – Earth Moving
 - 2. Section 31 23 33 - Trenching and Backfilling
 - 3. Section 31 32 13.19 - Soil Stabilization
 - 4. Division 3 – Concrete – Comprehensive Strength
 - a. Section 03 30 00 – Cast-in-Place Concrete
 - 5. Division 4 – Masonry – Non-Structural- Mortar/ Grout-1 Test every 2,000 SF.
 - 6. Section 04 20 00 - Unit Masonry
 - 7. Section 05 12 00 - Structural Steel Framing
 - 8. Section 07 81 16 - Cementitious Fireproofing
 - 9. Electrical, plumbing and mechanical tests required in relative sections.
 - 10. As requested by the Owner or Architect

1.4 AUTHORITIES AND DUTIES OF THE TESTING LABORATORY

- A. The testing laboratory shall provide testing services under a separate agreement with the Owner or Architect, who shall be responsible for the costs of initial testing – pass or fail. Contractor shall
 - 1. The Contractor shall be responsible for costs of all re-tests required to achieve passing results.
 - 2. The Contractor shall be responsible for charges of the testing lab for expenses incurred for cancelled and / or mis-scheduled testing requests.

3. The testing lab shall invoice Contractor direct for all re-tests of failed initial tests; and send copies of the invoices to the Architect and Owner for record.
4. The testing lab and Contractor shall be responsible to negotiate and execute a separate agreement if required by the testing lab for charges described above.
- B. The laboratory is not authorized to revoke, alter, relax, enlarge, or release any requirement of the Specifications, or to approve or accept any portion of the work.
 1. When it appears that the material furnished or work performed by the Contractor fails to fulfill specification requirements, the testing laboratory shall promptly notify the Contractor, Architect and Owner of work being tested of such deficiencies.
- C. The laboratory shall promptly distribute copies of the laboratory test and inspection reports. Standard distribution shall include copies of all reports to the Owner, Architect, and Contractor.
 1. The structural engineer, civil engineer, MEP engineer, concrete supplier, and any outside consultants shall receive copies of the testing results regarding their particular phase of the project.
 2. Electronic distribution of test reports / results is mandatory.
- D. The testing lab is required to furnish a report of the status of testing performed as it relates to anticipated expenses described in the Agreement with the testing lab. Reports shall be furnished at most bi-monthly to the Owner and Architect.
 1. Report information shall include verification that Owner paid testing progress corresponds with anticipated expenses.
 2. The testing lab shall be required to notify the Architect and Owner immediately if / when the testing lab anticipates exceeding the lump sum fee agreed to by the Owner.
 3. Such notification must occur prior to expensing 75% of the testing lab fee.

1.5 TESTING LABORATORY CONTRACTUAL RELATIONSHIPS

- A. The Owner shall contract with the Testing Laboratory outside the Owner-Contractor Agreement.
- B. The Owner shall pay for the initial laboratory services / tests – pass or fail.
- C. In the case of a failed test that does not meet the specified requirements, the Contractor shall be responsible for payment directly to the Testing Laboratory for all services / re-testing required to achieve a passing result.
 1. The Owner shall not be invoiced for services or re-testing associated with failed initial tests.
- D. The Owner shall not be responsible for Contractor's mismanagement or mis-scheduling of the Testing Laboratory that results in cost to the Testing Laboratory that do not result in Testing Laboratory performing its intended function (i.e. Contractor cancellation of Testing Laboratory services previously called for).
- E. The Testing Laboratory record and document all retesting of failed initial tests and charges due to the mismanagement or mis-scheduling of the Contractor.
- F. The Testing Laboratory is responsible for making separate arrangements with the Contractor for invoicing reimbursement of mismanaged services and re-testing associated with failed initial tests. Such expenses shall not be invoiced to the Owner.

1.6 TESTING LABORATORY GUIDELINES AND PROCEDURES

- A. Technicians scheduled to perform specific testing services must be qualified to review and perform other services that overlap (i.e. earthwork, foundation inspections, rebar inspection, and concrete), when scheduled concurrently at the project site.
- B. Technician time for services performed will be reimbursed at a regular time rate. Compensation at the overtime rate will be considered for any hours over eight hours spent at the job site on a single day, field testing services performed on a Saturday or Sunday, and any field services performed on a recognized holiday. Any overtime must receive prior approval from the Owner.
- C. Concrete design mixes will receive a cursory review with any discrepancies reported to the Architect.
- D. Report distribution shall include the Owner, Architect, Contractor, Civil Engineer, Structural Engineer, and others requesting or requiring review of the specific testing results.

- E. Job site trips solely for cylinder pick-up shall be minimized. Whenever possible, cylinder / specimen pick-up shall be conducted when a technician is scheduled to be on-site for other testing work.
- F. The Contractor shall bear the responsibility of scheduling all testing services. The Contractor and the testing laboratory shall assume full responsibility to coordinate the testing services. Cancellations and/or failed tests will be reimbursable to the Owner by the responsible party for the cancellation or failure of a test or service.

1.7 REFERENCE

- A. Concrete
 - 1. ASTM C 31/C 31M - Standard Practice for Making and Curing Concrete Test Specimens in the Field.
 - 2. ASTM C 138, Standard Test Method for Density (Unity Weight), Yield, and Air Content (Gravimetric) of Concrete.
 - 3. ASTM C 143 - Standard Test method for Slump of Hydraulic Cement Concrete.
 - 4. ASTM C 173 - Standard Test Method for Air Content of Freshly Mixed Concrete by the Volumetric Method.
 - 5. ASTM C 231 - Standard Test method for Air Content of Freshly Mixed Concrete by the Pressure Method.
 - 6. ASTM C 1064 - Standard Test Method for Temperature of Freshly Mixed Hydraulic-Mixed Cement Concrete.
 - 7. ACI 301 – Specifications for Structural Concrete for Buildings.

1.8 TESTS CONDUCTED

- A. Cast-In-Place Concrete:
 - 1. Review proposed concrete design mixes.
 - 2. Cast four (4) concrete test cylinders for every 100 cubic yards, or fraction thereof, placed on any day for all other types of non-structural concrete.
 - 3. Strength level of an individual class of concrete shall be considered satisfactory when both of the following criteria are met:
 - a. The arithmetic average of any three consecutive strength tests equal or exceed f'_c .
 - b. No individual strength test (average of two cylinders) falls below f'_c by more than 500 psi.
 - 4. Conduct slump testing of concrete at intervals equal to test cylinders are made.
- B. Test Specimens:
 - 1. Concrete Cylinder Specimens: Break one (1) at 7 days and two (2) at 28 days. If the 28 day break average exceeds minimum specified requirements, discard the fourth cylinder. If the 28 day break average is below specified minimum, hold and break the fourth cylinder at 56 days; or process as directed by the structural Engineer.
 - 2. Grout Specimens: Break one (1) at 7 days and two (2) at 28 days. If the 28 day break average exceeds minimum specified requirements, discard the fourth cylinder. If the 28 day break average is below specified minimum, hold and break the fourth cylinder at 56 days; or process as directed by the structural Engineer.
 - 3. Mortar Specimens: Break one (1) at 7 days and two (2) at 28 days. If the 28 day break average exceeds minimum specified requirements, discard the fourth cylinder. If the 28 day break average is below specified minimum, hold and break the fourth cylinder at 56 days; or process as directed by the structural Engineer.

2 GOVERNMENTAL INSPECTIONS AND CONTRACTOR TESTING

2.1 GOVERNMENTAL INSPECTIONS

- A. The Contractor shall allow in his Proposal the application, coordination, scheduling and cost of all on-site inspections to be performed by governmental authorities having jurisdiction which are required for approval of the Work and occupancy of the building; including, but limited to:
 - 1. City departments
 - 2. County departments
 - 3. Flood Control Districts
 - 4. Municipal Utility Districts
 - 5. Health Departments
 - 6. Fire Marshall Offices.
- B. The Contractor shall also cooperate with Owner for all observations required by the Owner.
- C. The Contractor shall make all corrective measures in accordance with instructions received from the governing authority inspector having jurisdiction, as required to receive 100% approval for the work being inspected.
- D. The Contractor shall record and keep record of all governmental agency tests and inspections; including deficiencies noted by the agency, and corrective action(s) taken to receive final approval of the agency.
- E. The Contractor shall bear all costs for initial inspections, re-inspections and any other expenses related to on-site inspections made by governing authorities.
- F. No allowance shall be made for additional Contract Time, nor an increase in the Contract Sum for any unanticipated expenses or delays resulting from failed governmental inspection or resulting re-inspections required to obtain agency approval(s).

3 OWNER CONSULTANT OBSERVATIONS AND INSPECTIONS

3.1 GENERAL

- A. Throughout the progress of the Work, the Owner's A/E consultants shall make regular site visits and prepare observation reports.
- B. Refer to specification section 01 31 29 – Notification or Architect Requirements for specific observations required by the Architect, and the scheduling of such observations.
- C. Contractor and A/E requested subcontractors shall be present for all A/E observations. Coordinate with A/E field representatives as required.
- D. Contractors shall coordinate all trades as required to address issue or deficiencies identified on the observation reports.
- E. Upon completion of corrective measures, Contractor shall note corrective measures, including date(s) on the observation report(s) and distribute the Architect.

3.2 TEXAS DEPARTMENT OF LICENSING AND REGISTRATION (TDLR)

- A. The Owner /Architect shall be responsible for interfacing with Texas Department of Licensing and Registration (TDLR) regarding state approval for compliance with Texas Accessibility Standards.
- B. The Owner /Architect shall make the initial submission of the Contract Documents for review.
- C. TAS review comments affecting the Work shall be incorporated into the Work as directed by the Architect either by Addendum, Change Proposal Request, Minor Change or Clarification.
- D. During the progress of the Work, the Contractor shall bring to the Architect's attention any portion of the Work that may be questionably compliant with TDLR / TAS.
- E. The Architect shall coordinate and manage the TAS inspection of the completed project.
 - 1. TAS required corrective measures due to design issues shall be paid for by the Architect.
 - 2. TAS required corrective issues due to Contractor error (materials, installation, etc.) shall be paid for by the Contractor.

- F. All corrective work shall be completed within thirty (30) days after notification unless otherwise agreed upon by the Owner.

END OF SECTION 01 45 23

SECTION 01 45 23.13
OBSERVATION PROCEDURES
ADDENDUM NO. 3

1 GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 01, apply to this Section.
- B. Refer to Document 00 21 13, Instructions to Bidders, for substitution of materials and products.
- C. Addenda issued during the bidding period that affect this section of the specifications.

1.2 DESCRIPTION

- A. Refer to Section AB for substitutions.
- B. Scope or Work:
 - 1. The Contractor shall coordinate and cooperate with Architect and Architect's Consultants as required for on-site observations and monitoring of the Work.
- C.

1.3 RELATED REQUIREMENTS

- A. Coordination, scheduling and implementation of inspections and testing required by laws, ordinances, rules, regulations, orders or approvals, or public authorities required for interim and final approval of the Work shall be the sole responsibility of the Contractor.
- B. Contractor shall maintain a log of all required governmental interim and final inspections throughout the progress of the Work.
- C. Respective Sections of Specifications: Certification of products.
 - 1. Section 01 31 29 – Notification of Architect Requirements
 - 2. Section 01 45 23 – Testing and Inspection Services

2 PRODUCTS

2.1 GENERAL

- A. Throughout the progress of the Work, the Owner's A/E consultants shall make regular site visits and prepare observations reports.
- B. Contractor and requested subcontractors shall be present for all A/E observations. Coordinate with A/E field representative as required.
- C. Contractor shall coordinate all trades as required to address issue or deficiencies identified on the observation reports.

2.2 OBSERVATION REPORTS

- A. Upon completion of on-site observations by the Architect and Architect's Consultants, documentation of the Observation shall be furnished to the Contractor.
- B. Observation report items that reflect instructions for corrective measures shall be addressed/ corrected by the Contractor in a timely manner.
- C. Upon completion of corrective measures, Contractor shall detail corrective measures, including date(s) of work and date(s) of Contractor's verification of completeness on the observation reports(s) and return a copy to the Architect and Consultant as appropriate.
- D. Whenever possible, Contractor's written documentation shall include all corrective work identified to be addressed on the observation report. Minimize piecemeal responses as much as possible.

- E. A complete history of Contractor's observation responses shall be required to be submitted as a condition of project close-out.

3 PROJECT CONSULTANT OBSERVATIONS

3.1 DESCRIPTION

- A. The Contractor shall allow in his Proposal the coordination and scheduling of Observations to be performed by the Owner's project consultants; including the Architect, MEP Engineer, Structural Engineer, and Special Systems Consultants as the may apply to this Work.
- B. All project consultant observation services shall be performed by designees of the relative consultant; upon which the Contractor may rely as to the capability and thoroughness of the observation being performed. Upon request by the Contractor, the names of A/E field representatives performing specific observations shall be furnished by the Architect.
- C. The Owner shall pay for the observation services of the project consultants in accordance with the Owner – Architect Agreement and the requirements of the Contract Documents. Excessive observations and re-observations resulting from the Contractor's actions as described in this section, shall be paid for the Contractor directly to the affected Consultant.
- D. The Contractor shall cooperate with the Owner's project consultants in all matters pertaining to required observations of the work as described in the Contract Documents. The Owner retains the option to add to or delete any or all observations specified herein; and thereby accept the relative work without observation.
- E. Refer to Section 01 31 29 – Notification or Architect Requirements for additional information.

3.2 RELATED REQUIREMENTS

- A. Conditions of the Contract, AIA Document A201, and Supplementary Conditions to the General Conditions for the Construction Contract, Specification section CB.
- B. Respective Sections of Specifications describing the required consultant observations.

3.3 AUTHORITIES AND DUTIES OF THE A/E FIELD REPRESENTATIVES

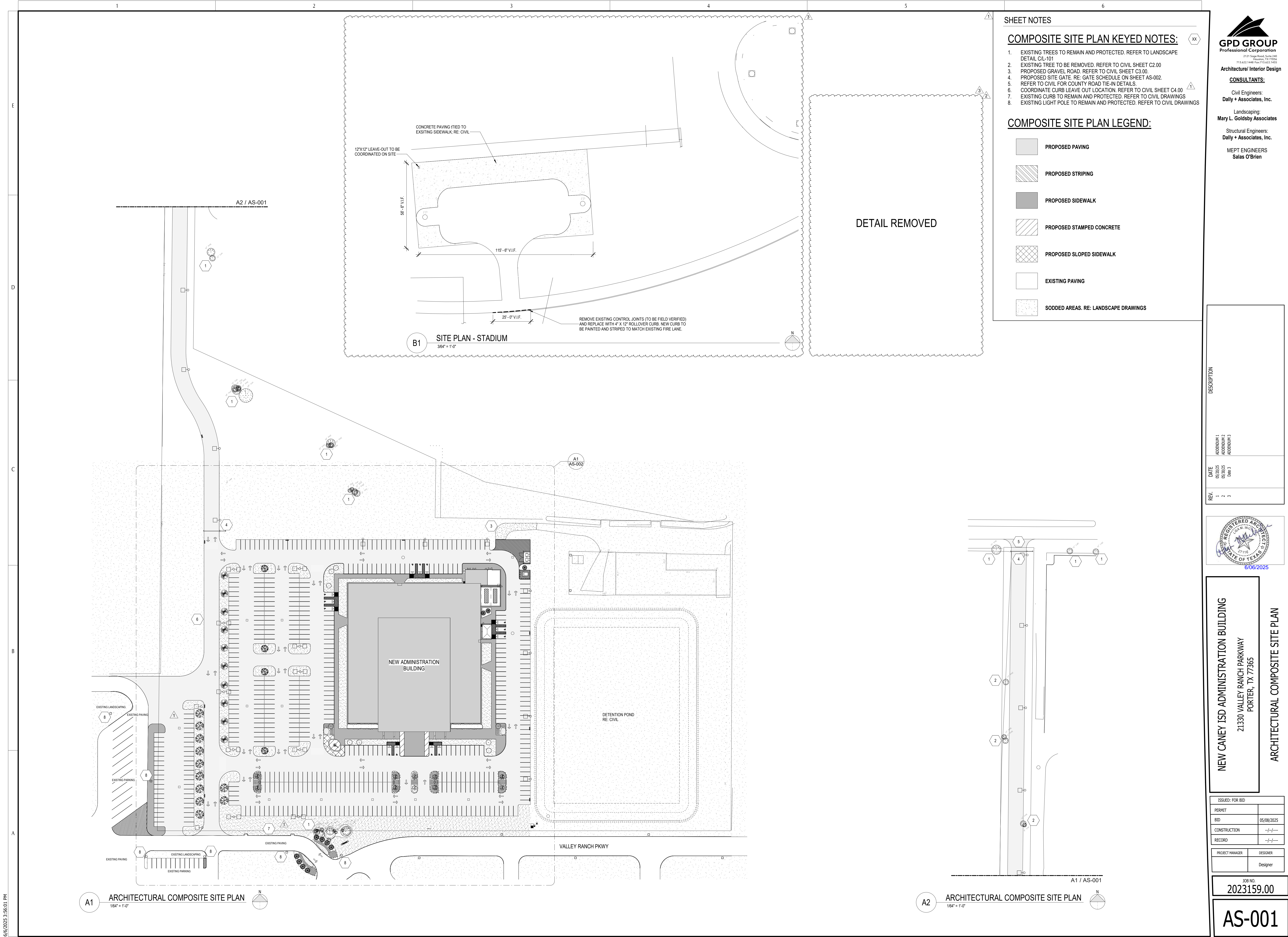
- A. The project consultant representative are not authorized to revoke, alter, relax, increase, or release the Contractor from any requirement of the Contract Documents without written notice furnished to the Contractor by the Architect.
- B. When it appears that the material, assembly or work performed by the Contractor fails to fulfill Contract requirements, the project consultant representative shall promptly notify the General Contractor, Architect and Owner.
- C. The project consultant representative(s) shall promptly distribute copies of the observation reports. Standard distribution shall include copies of all reports to the Owner, Architect, and General Contractor.

3.4 PROJECT CONSULTANT OBSERVATION GUIDELIES AND PROCEDURES

- A. Project Consultants shall make all observations required in the Contract Documents and requested by the Contractor and Owner.
- B. For each material, assembly or phase observation required in the Contract Document, and upon request by the Contractor, the project consultant(s) shall perform the following observations as required in the Owner-Architect Agreement:
 - 1. Initial observation to determine compliance with the Contract Documents.
 - 2. Observation to determine compliance with the Contract Documents.
 - 3. Observation to determine deficiencies where the initial observation results do not show 100% compliance with the Contract Documents. At the consultant's discretion, this observation may be performed concurrent with the initial observation.
 - 4. Re-observation to determine 100% compliance with the Contract Documents.

- C. In the event observation series described above does not result in 100% approval for the material, assembly or phase being inspected, all subsequent re-observations required to achieve 100% approval shall be at the sole expense of the Contractor to be paid directly to the project consultant based on the consultant's standard hourly rates for time expended, including travel to and from the site.
- D. Recognizing the size and complexity of work included in a project may be sufficiently large enough to require the project to be divided into scope areas, each such area shall be considered separate and stand-alone with respect to paragraph 3.4-B above.
 - 1. Request by the Contractor for project consultant observations of partial scope completion areas shall be considered observations of the entire scope area with respect to paragraph 3.4-B above; and subsequent observations of the remaining portions of the same scope area shall be paid for directly to the Consultant by the Contractor.
 - 2. Consultants shall invoice the Contractor on a monthly basis, and payments shall be due upon the Contractor's receipt of the invoice.
- E. The Contractor shall bear the responsibility of requesting and scheduling all project consultant observation required by the Contractor Documents. The Contractor shall give the project consultant a minimum of forty-eight (48) hours' notice prior to the requested observation.
 - 1. No extension of Contract Time shall be granted for untimely observations due to the Contractor's failure of proper observation request notification.
- F. Observations voluntarily made by project consultants at their discretion, not specifically requested by the Contractor, shall not count as one of the observations described in paragraph 3.4-B above, nor shall the Contractor be liable for any related expenses.

END OF SECTION 01 45 23.13



- SHEET NOTES**
- COMPOSITE SITE PLAN KEYED NOTES:**
- EXISTING TREES TO REMAIN AND PROTECTED. REFER TO LANDSCAPE DETAIL CL-101
 - EXISTING TREE TO BE REMOVED. REFER TO CIVIL SHEET C2.00
 - PROPOSED GRAVEL ROAD. REFER TO CIVIL SHEET C3.00.
 - PROPOSED SITE GATE. RE: GATE SCHEDULE ON SHEET AS-002.
 - REFER TO CIVIL FOR COUNTY ROAD TIE-IN DETAILS.
 - COORDINATE CURB LEAVE OUT LOCATION. REFER TO CIVIL SHEET C4.00
 - EXISTING CURB TO REMAIN AND PROTECTED. REFER TO CIVIL DRAWINGS
 - EXISTING LIGHT POLE TO REMAIN AND PROTECTED. REFER TO CIVIL DRAWINGS
- COMPOSITE SITE PLAN LEGEND:**
- PROPOSED PAVING
 - PROPOSED STRIPING
 - PROPOSED SIDEWALK
 - PROPOSED STAMPED CONCRETE
 - PROPOSED SLOPED SIDEWALK
 - EXISTING PAVING
 - SODDED AREAS. RE: LANDSCAPE DRAWINGS

GPD GROUP
Professional Corporation
2121 Sage Road, Suite 240
Houston, TX 77056
713.622.1448 Fax: 713.622.1455
Architecture/ Interior Design

CONSULTANTS:

Civil Engineers:
Dally + Associates, Inc.

Landscaping:
Mary L. Goldsby Associates

Structural Engineers:
Dally + Associates, Inc.

MEPT ENGINEERS
Salas O'Brien

DESCRIPTION	
ADDENDUM 1	
ADDENDUM 2	
ADDENDUM 3	
DATE	05/20/25 05/20/25 CWE 3
REV	1 2 3



NEW CANEY ISD ADMINISTRATION BUILDING
21330 VALLEY RANCH PARKWAY
PORTER, TX 77365

ARCHITECTURAL COMPOSITE SITE PLAN

ISSUED: FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	---
RECORD	---
PROJECT MANAGER	DESIGNER
	Designer

JOB NO.
2023159.00

AS-001

D2	D2.2
C2	G2
B2	A2
	F2

DESCRIPTION

ADDENDUM 2
ADDENDUM 3

DATE

05/30/25

Rev 3

REV

2

3



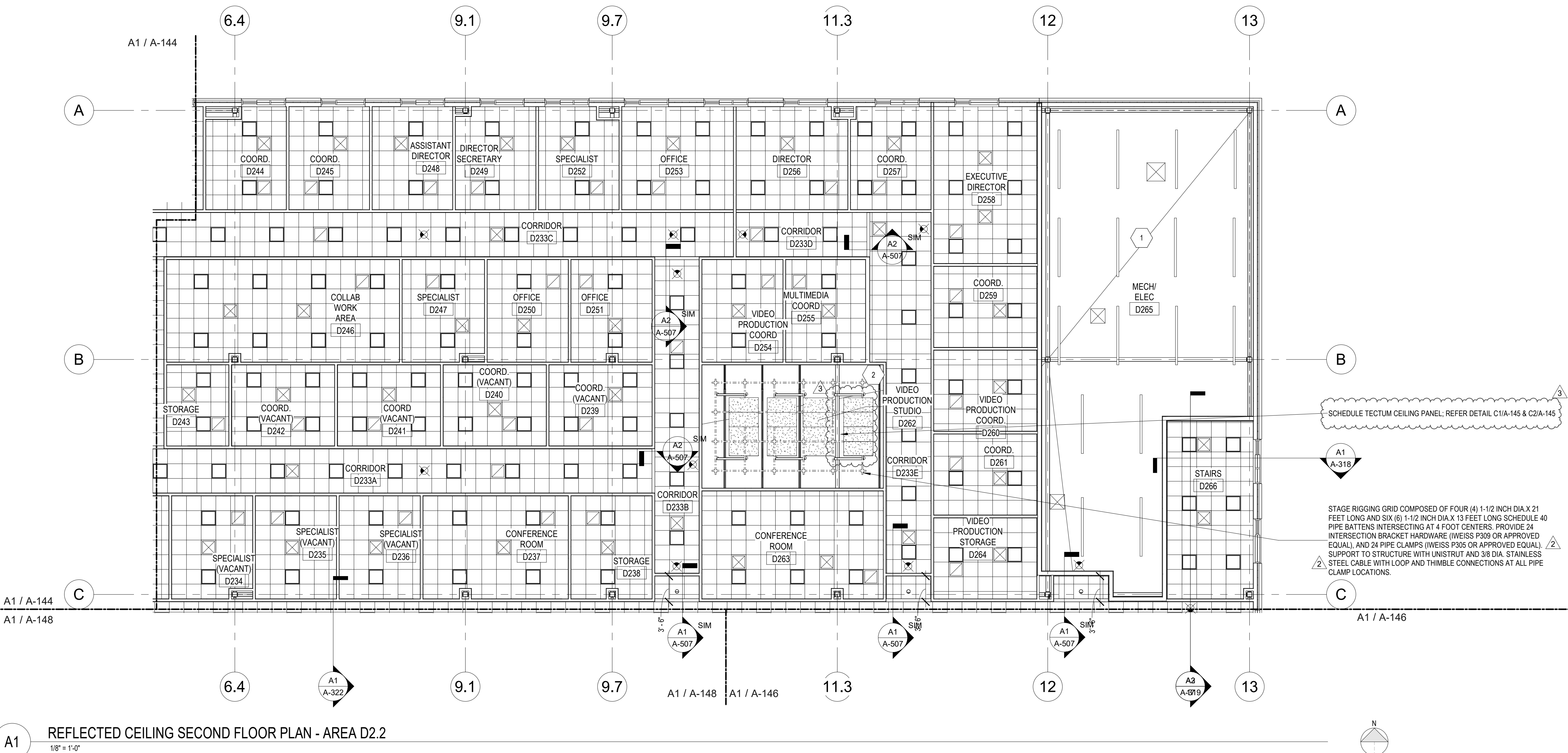
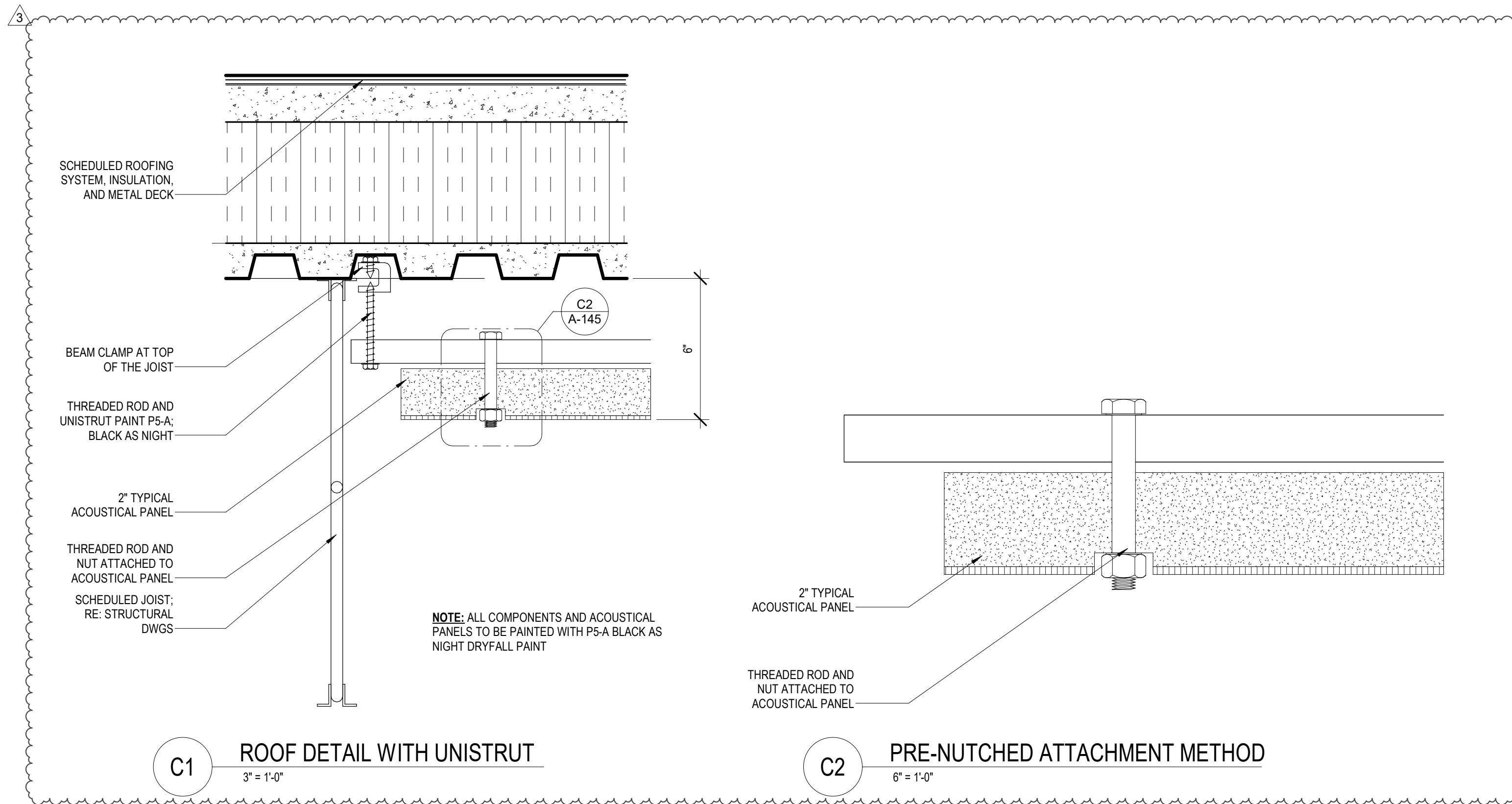
NEW CANEY ISD ADMINISTRATION BUILDING
21330 VALLEY RANCH PARKWAY
PORTER, TX 77665

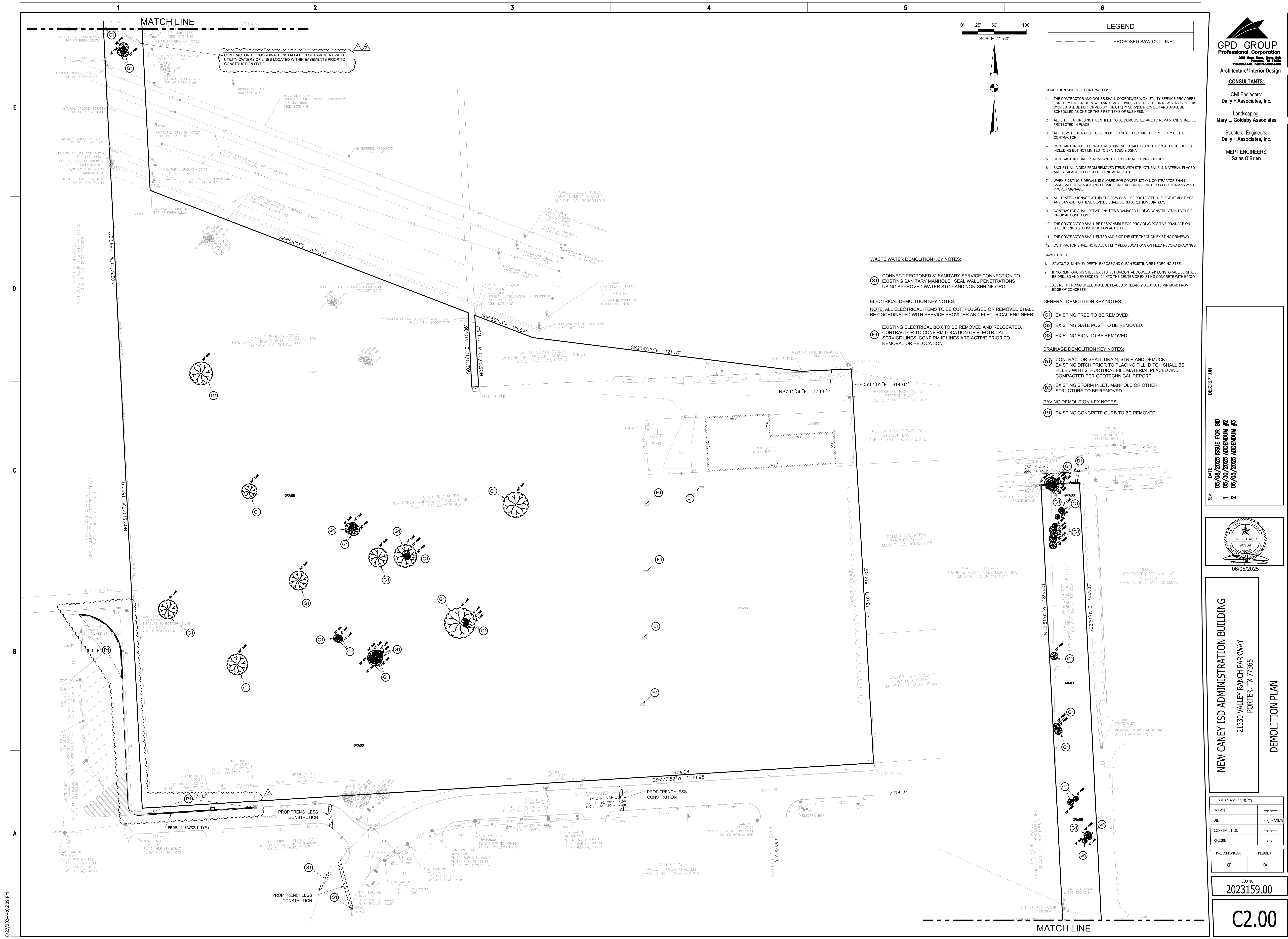
REFLECTED CEILING SECOND FLOOR PLAN - AREA D2.2

ISSUED: FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	---
RECORD	---
PROJECT MANAGER	DESIGNER
FS	AS, SK, AC

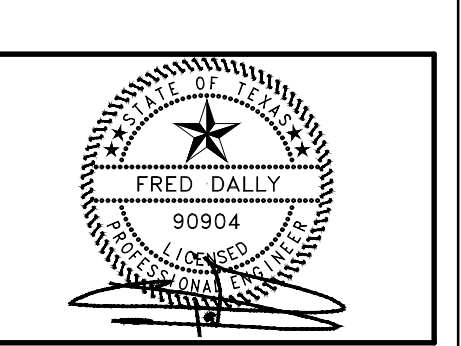
JOB NO.
2023159.00

A-145





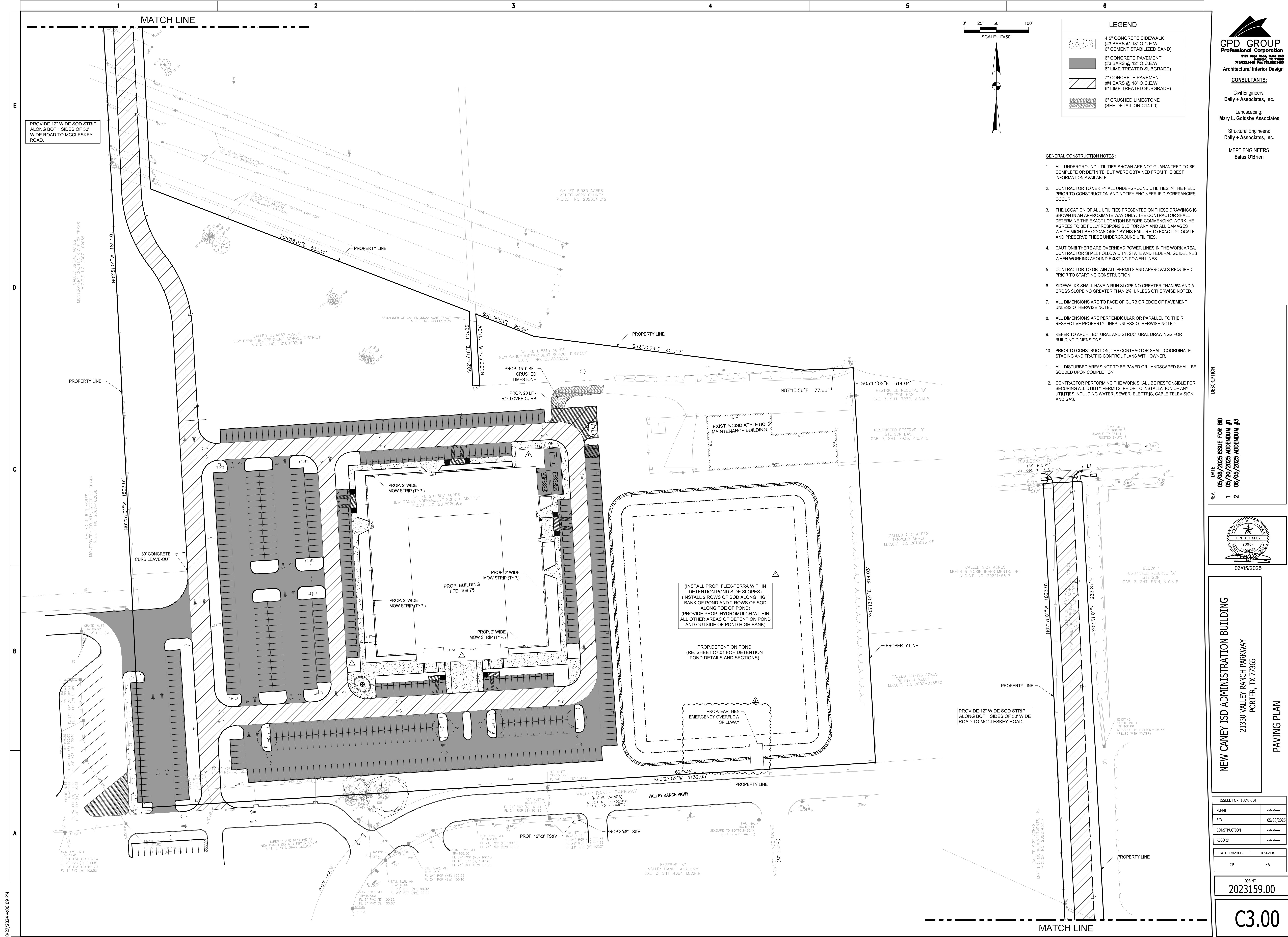
REV.	DATE	DESCRIPTION
1	05/08/2025	ISSUE FOR BID
2	05/30/2025	ADDENDUM #2
	06/05/2025	ADDENDUM #3



NEW CANEY ISD ADMINISTRATION BUILDING
21330 VALLEY RANCH PARKWAY
PORTER, TX 77365
DEMOLITION PLAN

ISSUED FOR: 100% CDs	
PERMIT	-/-/-/-/-
BID	05/08/2025
CONSTRUCTION	-/-/-/-/-
RECORD	-/-/-/-/-
PROJECT MANAGER	DESIGNER
CP	KA

JOB NO.
2023159.00
C2.00



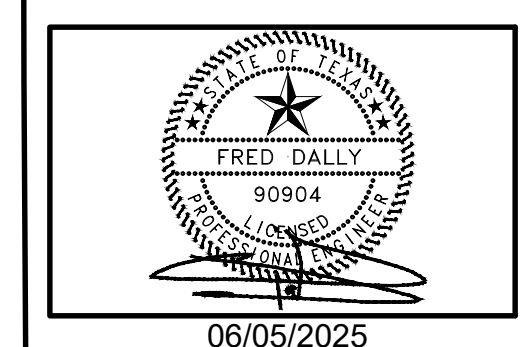
GPD GROUP
Professional Corporation
2021 Reg. No. 2021000000
713.882.1448 Fax 713.882.1488
Architecture/ Interior Design

CONSULTANTS:
Civil Engineers:
Dally + Associates, Inc.
Landscaping:
Mary L. Goldsby Associates
Structural Engineers:
Dally + Associates, Inc.
MEPT ENGINEERS
Salas O'Brien

LEGEND	
	4.5" CONCRETE SIDEWALK (#3 BARS @ 18" O.C.E.W.)
	6" CONCRETE PAVEMENT (#3 BARS @ 12" O.C.E.W.)
	7" CONCRETE PAVEMENT (#4 BARS @ 18" O.C.E.W.)
	6" CRUSHED LIMESTONE (SEE DETAIL ON C14.00)

- GENERAL CONSTRUCTION NOTES:**
- ALL UNDERGROUND UTILITIES SHOWN ARE NOT GUARANTEED TO BE COMPLETE OR DEFINITE, BUT WERE OBTAINED FROM THE BEST INFORMATION AVAILABLE.
 - CONTRACTOR TO VERIFY ALL UNDERGROUND UTILITIES IN THE FIELD PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER IF DISCREPANCIES OCCUR.
 - THE LOCATION OF ALL UTILITIES PRESENTED ON THESE DRAWINGS IS SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND UTILITIES.
 - CAUTION!!! THERE ARE OVERHEAD POWER LINES IN THE WORK AREA. CONTRACTOR SHALL FOLLOW CITY, STATE AND FEDERAL GUIDELINES WHEN WORKING AROUND EXISTING POWER LINES.
 - CONTRACTOR TO OBTAIN ALL PERMITS AND APPROVALS REQUIRED PRIOR TO STARTING CONSTRUCTION.
 - SIDEWALKS SHALL HAVE A RUN SLOPE NO GREATER THAN 5% AND A CROSS SLOPE NO GREATER THAN 2%, UNLESS OTHERWISE NOTED.
 - ALL DIMENSIONS ARE TO FACE OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
 - ALL DIMENSIONS ARE PERPENDICULAR OR PARALLEL TO THEIR RESPECTIVE PROPERTY LINES UNLESS OTHERWISE NOTED.
 - REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR BUILDING DIMENSIONS.
 - PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE STAGING AND TRAFFIC CONTROL PLANS WITH OWNER.
 - ALL DISTURBED AREAS NOT TO BE PAVED OR LANDSCAPED SHALL BE SODDED UPON COMPLETION.
 - CONTRACTOR PERFORMING THE WORK SHALL BE RESPONSIBLE FOR SECURING ALL UTILITY PERMITS PRIOR TO INSTALLATION OF ANY UTILITIES INCLUDING WATER, SEWER, ELECTRIC, CABLE TELEVISION AND GAS.

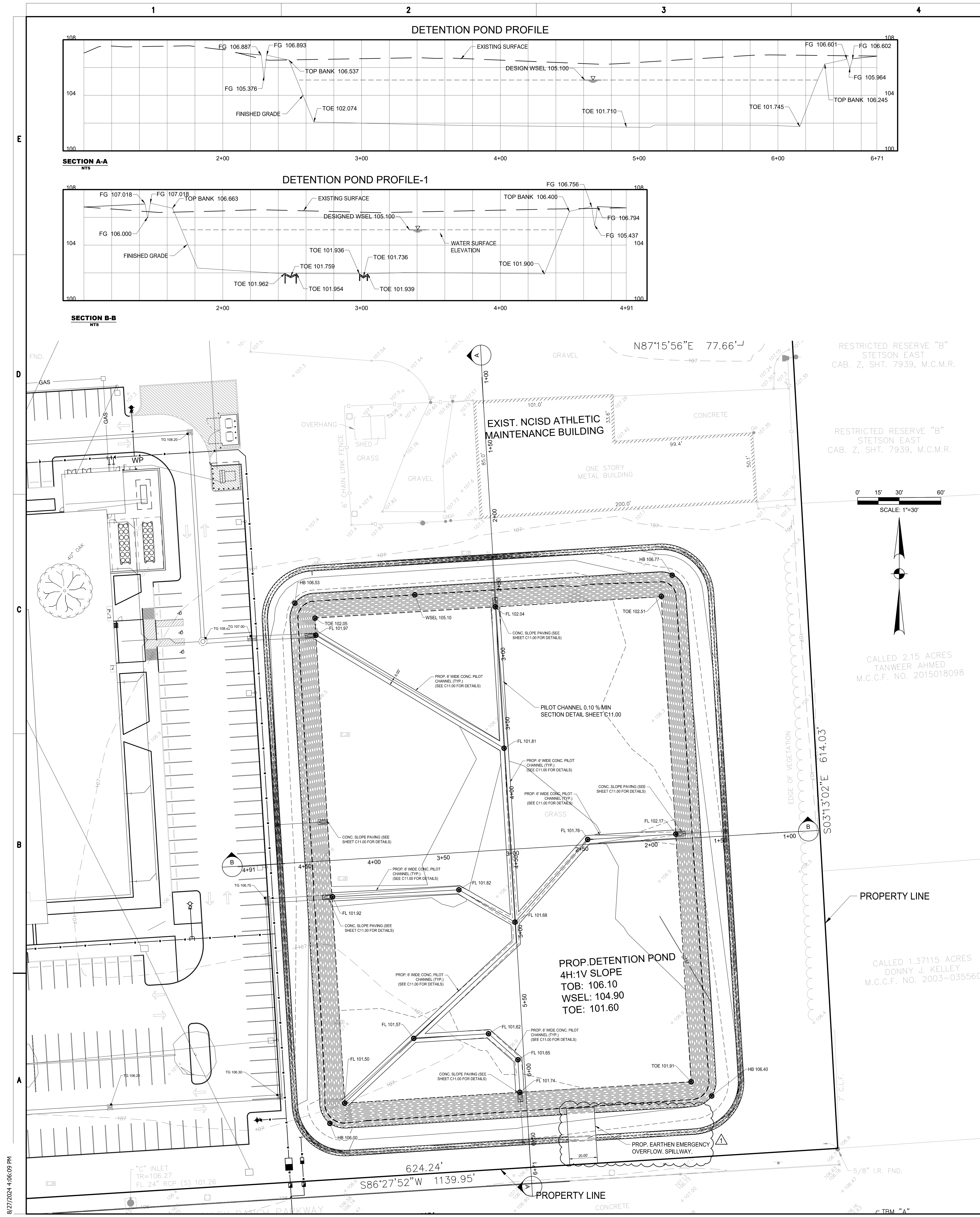
REVISIONS	
REV.	DESCRIPTION
1	05/08/2025 ISSUE FOR BID
2	05/20/2025 ADDENDUM #1
	06/05/2025 ADDENDUM #5



NEW CANEY ISD ADMINISTRATION BUILDING
21330 VALLEY RANCH PARKWAY
PORTER, TX 77365

PAVING PLAN

ISSUED FOR: 100% CDs	
PERMIT	05/08/2025
BID	05/08/2025
CONSTRUCTION	05/08/2025
RECORD	05/08/2025
PROJECT MANAGER	DESIGNER
CP	KA
JOB NO. 2023159.00	
C3.00	



STAGE STORAGE TABLE				
ELEV	AREA (sq. ft.)	DEPT H (ft)	AVG END INC. VOL. (cu. ft.)	AVG END TOTAL VOL. (cu. ft.)
101.600	165.01	N/A	N/A	0.00
101.700	838.56	0.100	50.18	50.18
101.800	386.73	0.100	61.26	111.44
101.900	23,624.44	0.100	1600.34	1711.78
102.000	3,317.75	0.100	1347.11	3058.89
102.100	689.80	0.100	2984.85	6043.74
102.200	6.61	0.100	3897.29	9941.03
102.300	14.86	0.100	4215.59	14156.61
102.400	89,488.64	0.100	8880.85	23037.46
102.500	90,004.77	0.100	8974.67	32012.13
102.600	90,490.49	0.100	9024.76	41036.90
102.700	90,977.20	0.100	9073.38	50110.28
102.800	91,464.89	0.100	9122.10	59232.39
102.900	91,953.56	0.100	9170.92	68403.31
103.000	92,443.21	0.100	9219.84	77623.15
103.100	92,933.85	0.100	9268.85	86892.00
103.200	93,425.47	0.100	9317.97	96209.97
103.300	93,918.07	0.100	9367.18	105577.14
103.400	94,411.66	0.100	9416.49	114993.63
103.500	94,906.22	0.100	9465.89	124459.52
103.600	95,401.77	0.100	9515.40	133974.92
103.700	95,898.31	0.100	9565.00	143539.93
103.800	96,395.82	0.100	9614.71	153154.63
103.900	96,894.32	0.100	9664.51	162819.14
104.000	97,393.80	0.100	9714.41	172533.55
104.100	97,894.27	0.100	9764.40	182297.95
104.200	98,395.71	0.100	9814.50	192112.45
104.300	98,898.14	0.100	9864.69	201977.14
104.400	99,401.55	0.100	9914.98	211892.13
104.500	99,905.95	0.100	9965.38	221857.50
104.600	100,411.33	0.100	10015.86	231873.37
104.700	100,917.69	0.100	10066.45	241939.82
104.800	101,425.03	0.100	10117.14	252056.95
104.900	101,933.36	0.100	10167.92	262224.87
105.000	102,442.87	0.100	10218.81	272443.68
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105.200	103,464.91	0.100	10320.92	293034.41
105.300	103,977.44	0.100	5198.91	298233.32
105.400	104,490.97	0.100	5224.94	303458.26
105.500	105,005.50	0.100	5250.40	308708.67
105.600	105,521.04	0.100	5276.64	313985.31
105.700	106,037.59	0.100	5303.26	319288.57
105.800	106,555.13	0.100	5330.27	324618.84
105.900	107,073.68	0.100	5357.65	329976.49
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106.100	108,113.81	0.100	5413.00	340774.91
106.200	108,635.40	0.100	5450.28	346225.20
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106.400	112,235.59	0.000	0.00	351786.35
106.500	115,047.15	0.100	11364.14	363150.49
106.600	781.85	0.100	182.11	363332.60
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106.800	765.02	0.100	5353.14	374335.16
106.900	369.74	0.100	4117.33	378452.49
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107.500	131.86	0.100	6.71	379518.10
107.600	69.60	0.100	4.64	379522.75
107.700	31.97	0.100	1.98	379524.72
107.800	10.10	0.100	0.53	379525.25
107.900	0.58	0.100	0.53	379525.79

LEGEND

PROPOSED BUILDING LIMITS

FFE FINISHED FLOOR ELEVATION

FL FLOW LINE

FG FINISHED GRADE

MEC MATCH EXISTING CURB

MEG MATCH EXISTING GRADE

MEP MATCH EXISTING PAVEMENT

MTP MATCH TOP OF PAVEMENT

TC TOP OF CURB

TP TOP OF GRADE

TP TOP OF PAVEMENT

NG NATURAL GROUND DRAINAGE PATTERN

EXISTING CONTOURS

PROPOSED CONTOURS

GENERAL CONSTRUCTION NOTES:

1. ALL UNDERGROUND UTILITIES SHOWN ARE NOT GUARANTEED TO BE COMPLETE OR DEFINITE, BUT WERE OBTAINED FROM THE BEST INFORMATION AVAILABLE.

2. CONTRACTOR TO VERIFY ALL UNDERGROUND UTILITIES IN THE FIELD PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER IF DISCREPANCIES OCCUR.

3. THE LOCATION OF ALL UTILITIES PRESENTED ON THESE DRAWINGS IS SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND UTILITIES.

4. CAUTION!!! THERE ARE OVERHEAD POWER LINES IN THE WORK AREA. CONTRACTOR SHALL FOLLOW CITY, STATE AND FEDERAL GUIDELINES WHEN WORKING AROUND EXISTING POWER LINES.

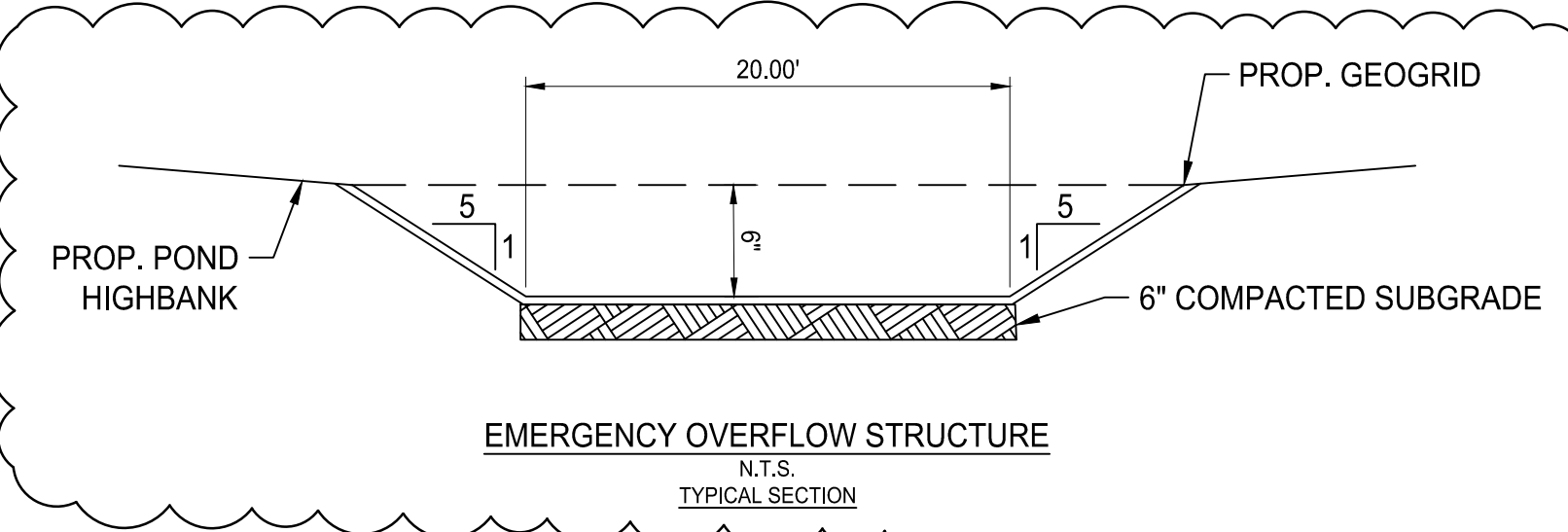
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6. ALL DIMENSIONS ARE PERPENDICULAR OR PARALLEL TO THEIR RESPECTIVE PROPERTY LINES UNLESS OTHERWISE NOTED.

7. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR BUILDING DIMENSIONS.

8. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE STAGING AND TRAFFIC CONTROL PLANS WITH OWNER.

9. ALL DISTURBED AREAS NOT TO BE PAVED OR LANDSCAPED SHALL BE SODED UPON COMPLETION.



DETENTION SUMMARY				
1	TOTAL CONTRIBUTING DRAINAGE AREA	15.21	AC	662,547.60 SF
2	EXISTING IMPERVIOUS COVER	0.86	AC	37,318.93 SF
3	PROPOSED IMPERVIOUS COVER	10.81	AC	470,833.16 SF
4	INCREASED IMPERVIOUS COVER	9.95	AC	433,514.22 SF
5	INCREASED IMPERVIOUS %	65.43	%	
6	STORAGE RATE	0.644	AC-FT/AC	
7	REQUIRED DETENTION POND	6.41	AC-FT	279,330.12 CF
8	PROVIDED DETENTION VOLUME	6.49	AC-FT	282,713.50 CF

GPD GROUP

Professional Corporation

2021 Reg. No. 100,000,000

713.622.1448 Fax 713.622.1788

Architecture/Interior Design

CONSULTANTS:

Civil Engineers:

Dally + Associates, Inc.

Landscaping:

Mary L. Goldsby Associates

Structural Engineers:

Dally + Associates, Inc.

MEPT ENGINEERS

Salas O'Brien

DESCRIPTION

DATE

REV.

05/08/2025

06/05/2025

1

ADDENDUM #3

NEW CANEY ISD ADMINISTRATION BUILDING

21330 VALLEY RANCH PARKWAY

PORTER, TX 77365

DETENTION POND PLAN

ISSUED FOR: 100% CDs

PERMIT

BID

CONSTRUCTION

RECORD

PROJECT MANAGER

DESIGNER

CP

KA

JOB NO.

2023159.00

C7.01

1

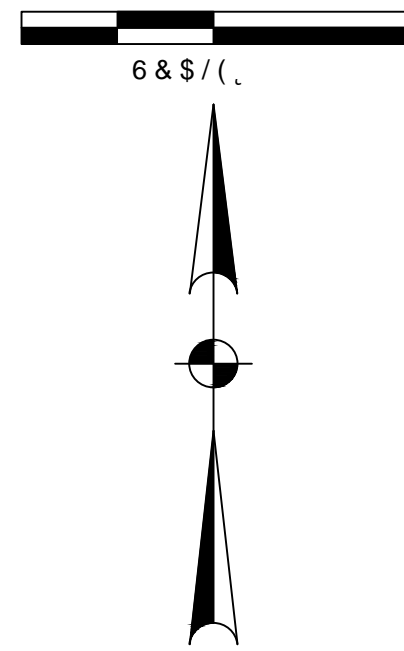
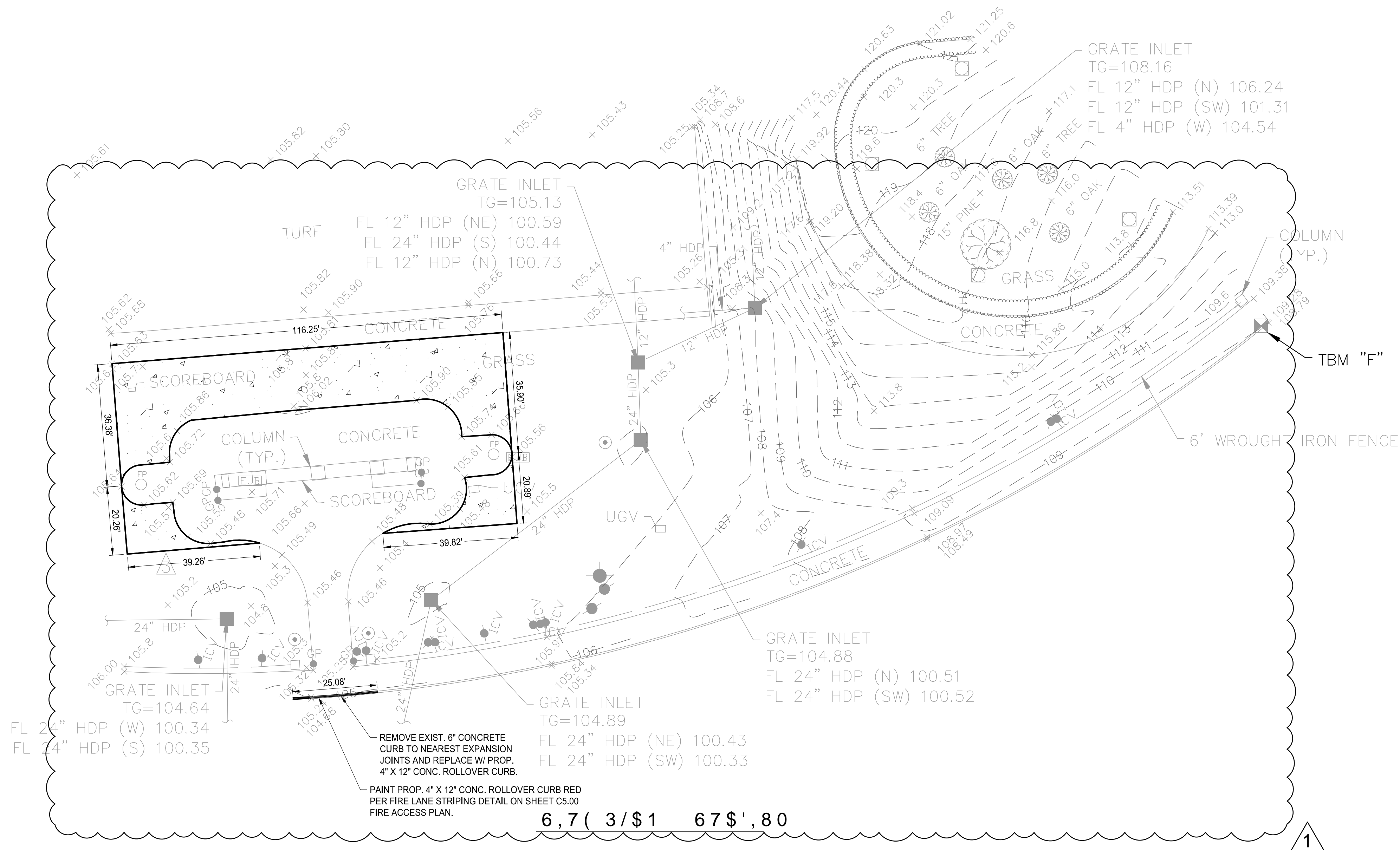
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3

4

5

6



1" = 1'
2 1/2" = 10'
1/2" = 1'
1/4" = 1/2'

GENERAL CONSTRUCTION NOTES:

- ALL UNDERGROUND UTILITIES SHOWN ARE NOT GUARANTEED TO BE COMPLETE OR DEFINITE, BUT WERE OBTAINED FROM THE BEST INFORMATION AVAILABLE.
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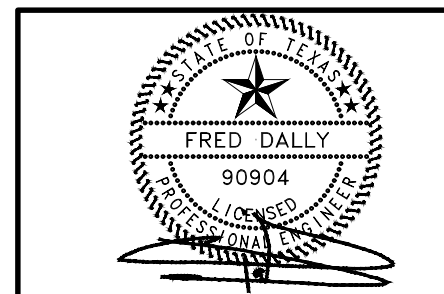
GPD GROUP
Professional Corporation
2021 Reg. No. 2021-000000
713.682.1448 Fax 713.682.1408
Architecture/Interior Design

CONSULTANTS:

Civil Engineers:
Dally + Associates, Inc.
Landscaping:
Mary L. Goldsby Associates
Structural Engineers:
Dally + Associates, Inc.
MEPT ENGINEERS
Salas O'Brien

DESCRIPTION

DATE
05/08/2025
REV.
1



NEW CANEY ISD ADMINISTRATION BUILDING

21330 VALLEY RANCH PARKWAY
PORTER, TX 77365

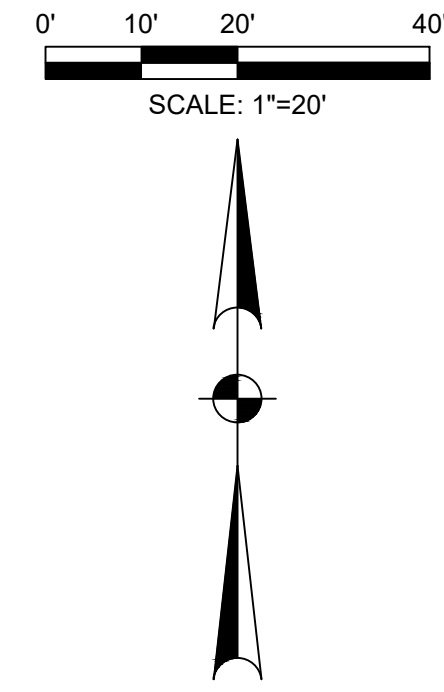
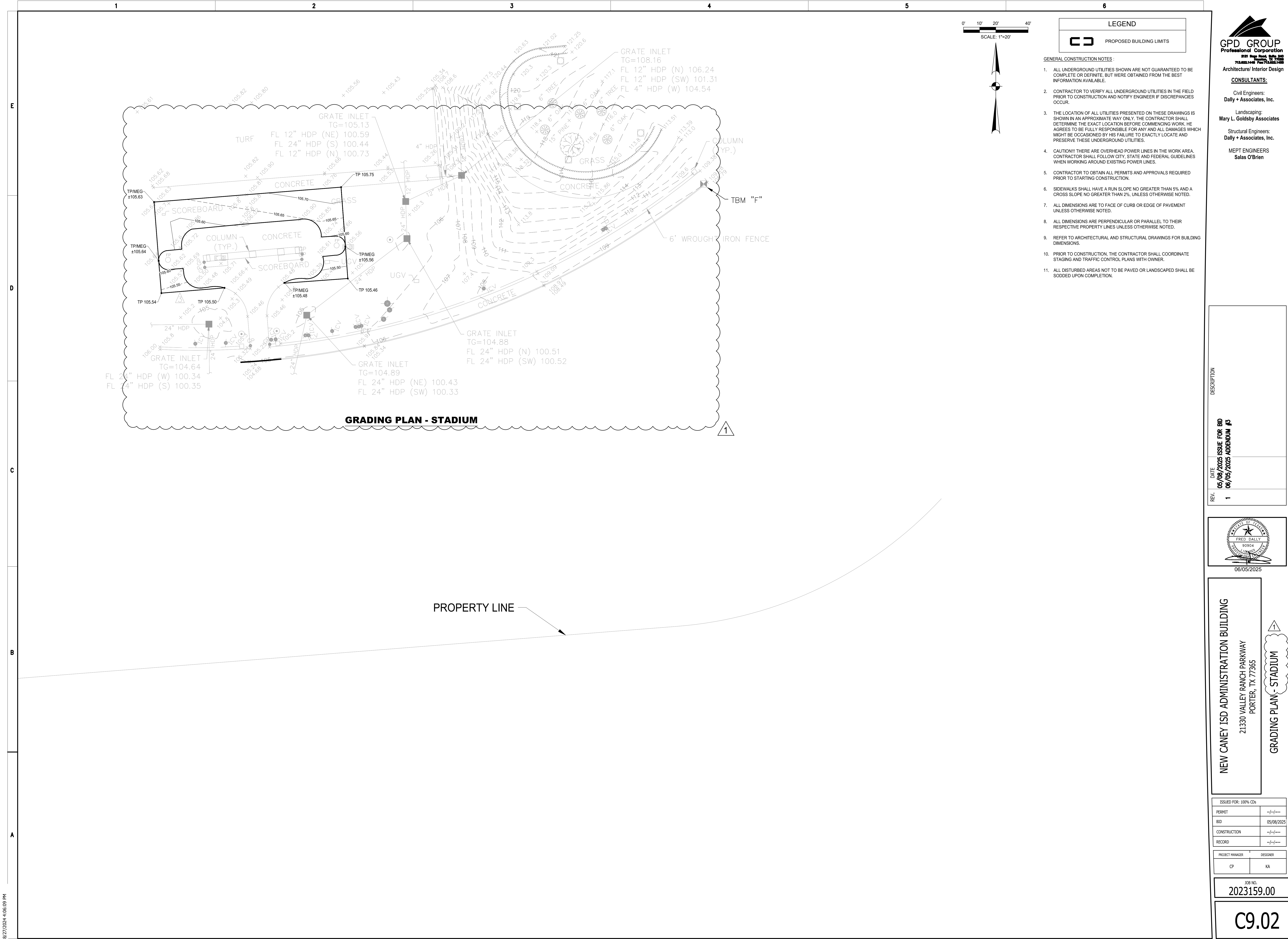
SITE PLAN - STADIUM

ISSUED FOR: 100% CDs	
PERMIT	---
BID	05/08/2025
CONSTRUCTION	---
RECORD	---

PROJECT MANAGER	DESIGNER
CP	KA

JOB NO.
2023159.00

C9.01



LEGEND	
	PROPOSED BUILDING LIMITS

- GENERAL CONSTRUCTION NOTES :
- ALL UNDERGROUND UTILITIES SHOWN ARE NOT GUARANTEED TO BE COMPLETE OR DEFINITE, BUT WERE OBTAINED FROM THE BEST INFORMATION AVAILABLE.
 - CONTRACTOR TO VERIFY ALL UNDERGROUND UTILITIES IN THE FIELD PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER IF DISCREPANCIES OCCUR.
 - THE LOCATION OF ALL UTILITIES PRESENTED ON THESE DRAWINGS IS SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND UTILITIES.
 - CAUTION!!! THERE ARE OVERHEAD POWER LINES IN THE WORK AREA. CONTRACTOR SHALL FOLLOW CITY, STATE AND FEDERAL GUIDELINES WHEN WORKING AROUND EXISTING POWER LINES.
 - CONTRACTOR TO OBTAIN ALL PERMITS AND APPROVALS REQUIRED PRIOR TO STARTING CONSTRUCTION.
 - SIDEWALKS SHALL HAVE A RUN SLOPE NO GREATER THAN 5% AND A CROSS SLOPE NO GREATER THAN 2%, UNLESS OTHERWISE NOTED.
 - ALL DIMENSIONS ARE TO FACE OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
 - ALL DIMENSIONS ARE PERPENDICULAR OR PARALLEL TO THEIR RESPECTIVE PROPERTY LINES UNLESS OTHERWISE NOTED.
 - REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR BUILDING DIMENSIONS.
 - PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE STAGING AND TRAFFIC CONTROL PLANS WITH OWNER.
 - ALL DISTURBED AREAS NOT TO BE PAVED OR LANDSCAPED SHALL BE SODDED UPON COMPLETION.

GPD GROUP
Professional Corporation
2521 Reg. Road, Suite 200
Houston, TX 77058
713.882.1448 Fax 713.882.1408
Architecture/ Interior Design

CONSULTANTS:

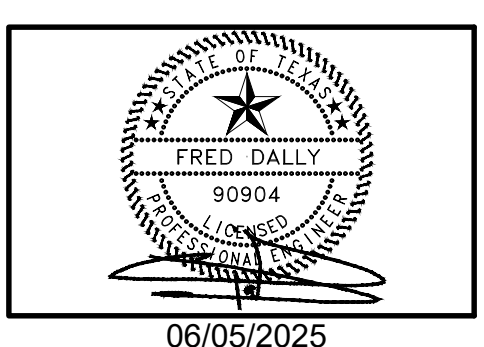
Civil Engineers:
Dally + Associates, Inc.

Landscaping:
Mary L. Goldsby Associates

Structural Engineers:
Dally + Associates, Inc.

MEPT ENGINEERS
Salas O'Brien

DESCRIPTION	
DATE	05/08/2025
REV.	06/05/2025
1	ADDENDUM #3

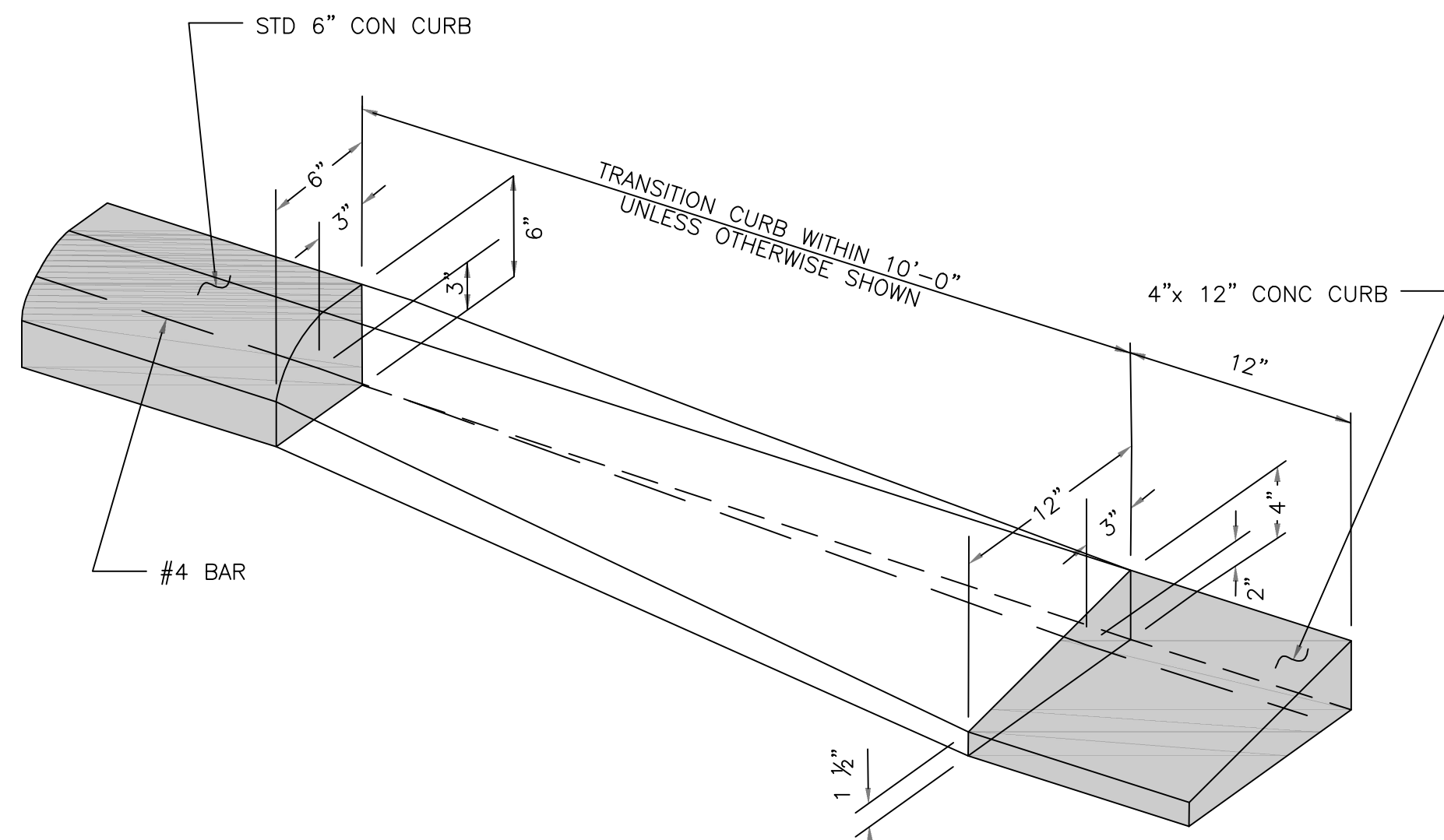


NEW CANEY ISD ADMINISTRATION BUILDING
21330 VALLEY RANCH PARKWAY
PORTER, TX 77365

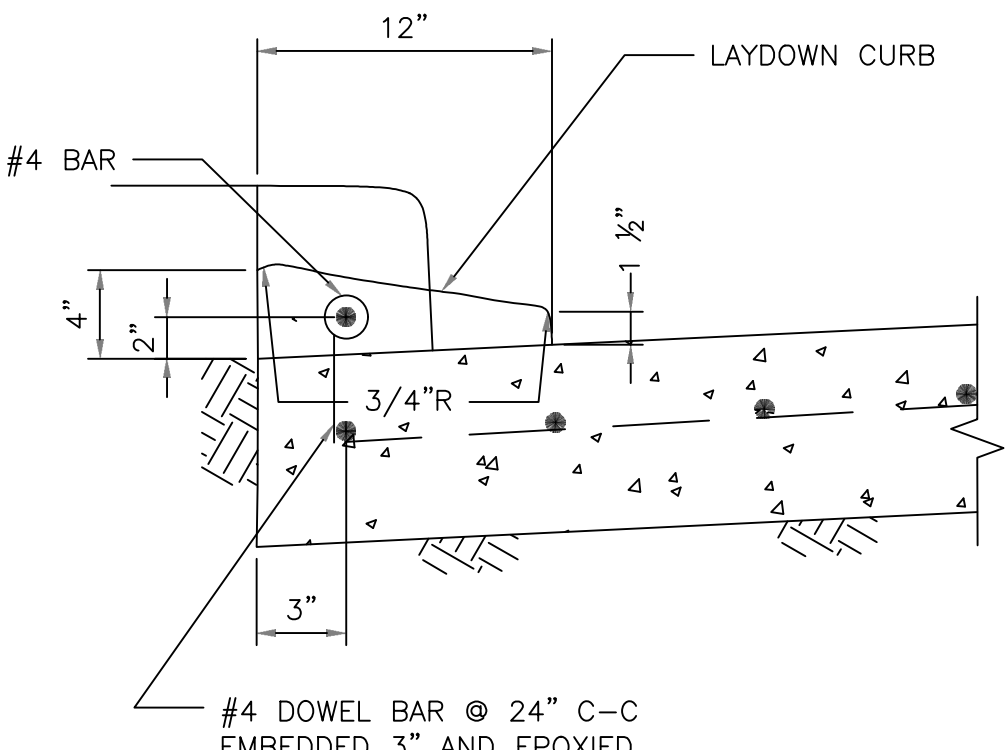
GRADING PLAN - STADIUM

ISSUED FOR: 100% CDs	
PERMIT	---
BID	05/08/2025
CONSTRUCTION	---
RECORD	---
PROJECT MANAGER	DESIGNER
CP	KA
JOB NO.	
2023159.00	
C9.02	

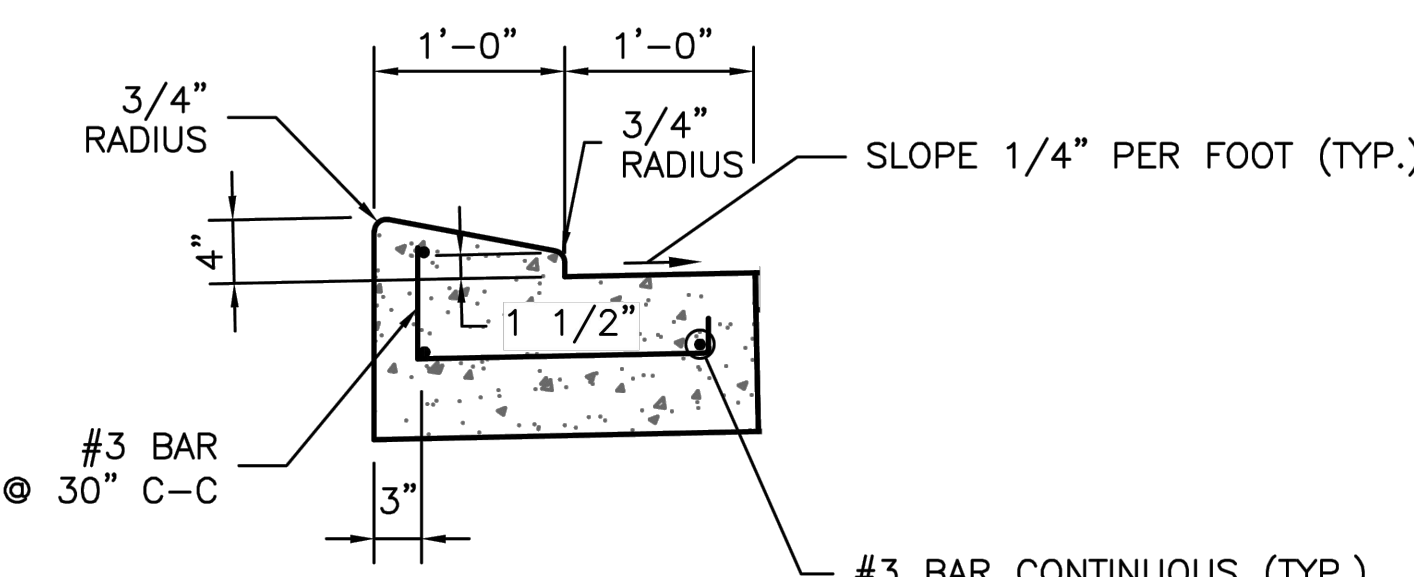
E
D
C
B
A



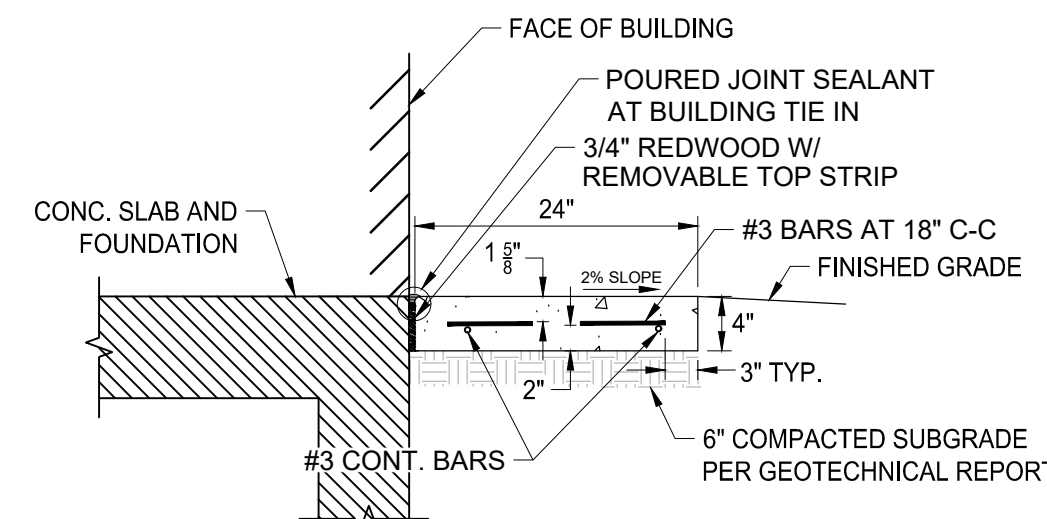
CURB TRANSITION
NTS



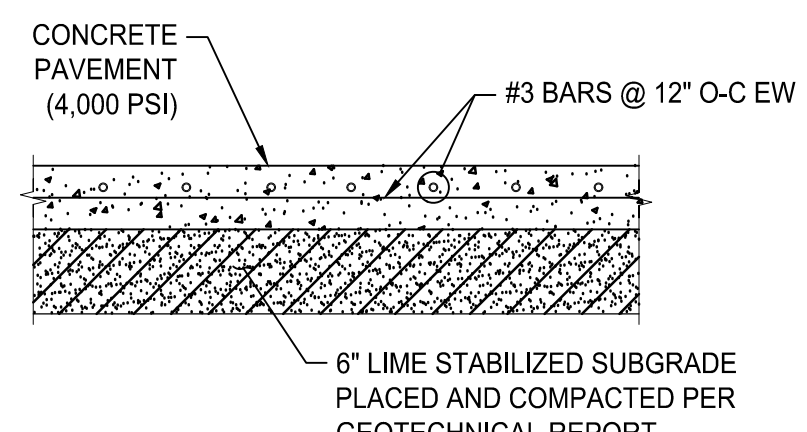
4" X 12" CONCRETE ROLLOVER CURB
NTS



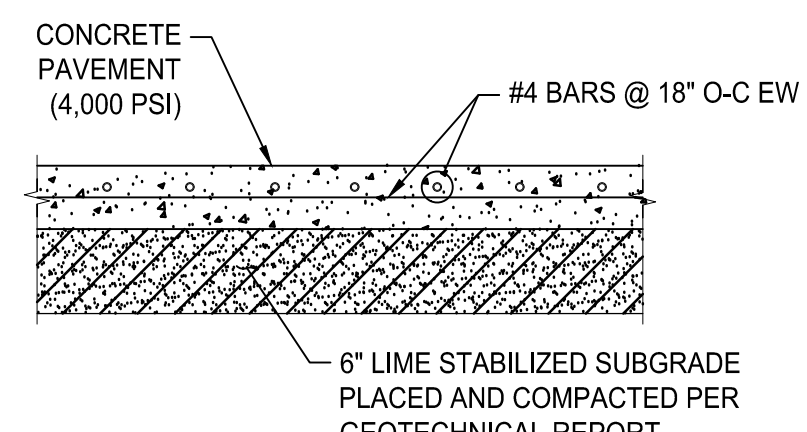
4" X 12" CONCRETE ROLLOVER CURB AND GUTTER
N.T.S.



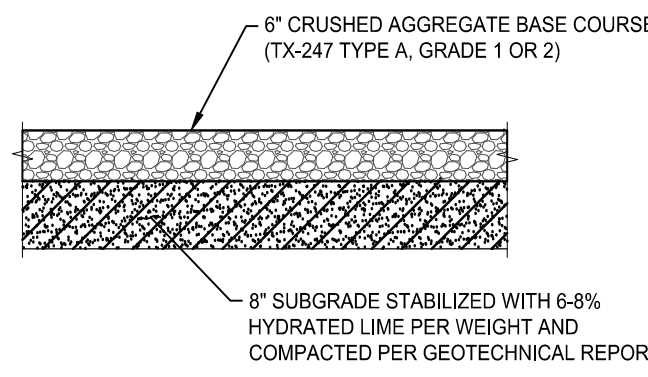
CONCRETE MOW STRIP
NTS



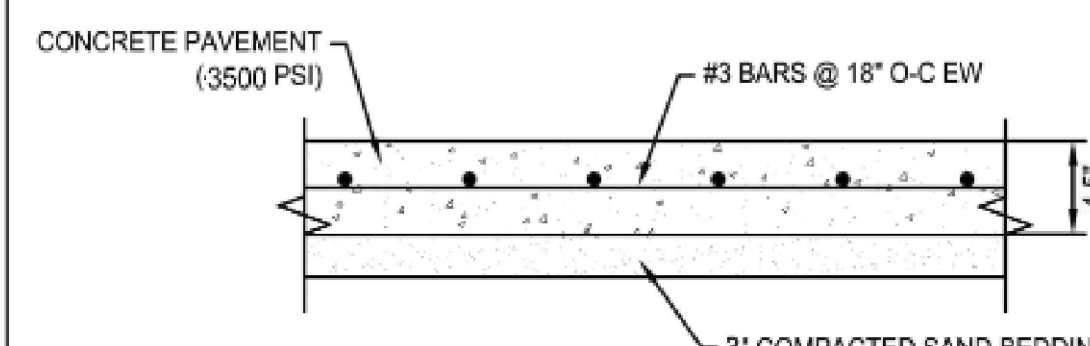
6" CONCRETE PAVEMENT
SCALE: N.T.S.



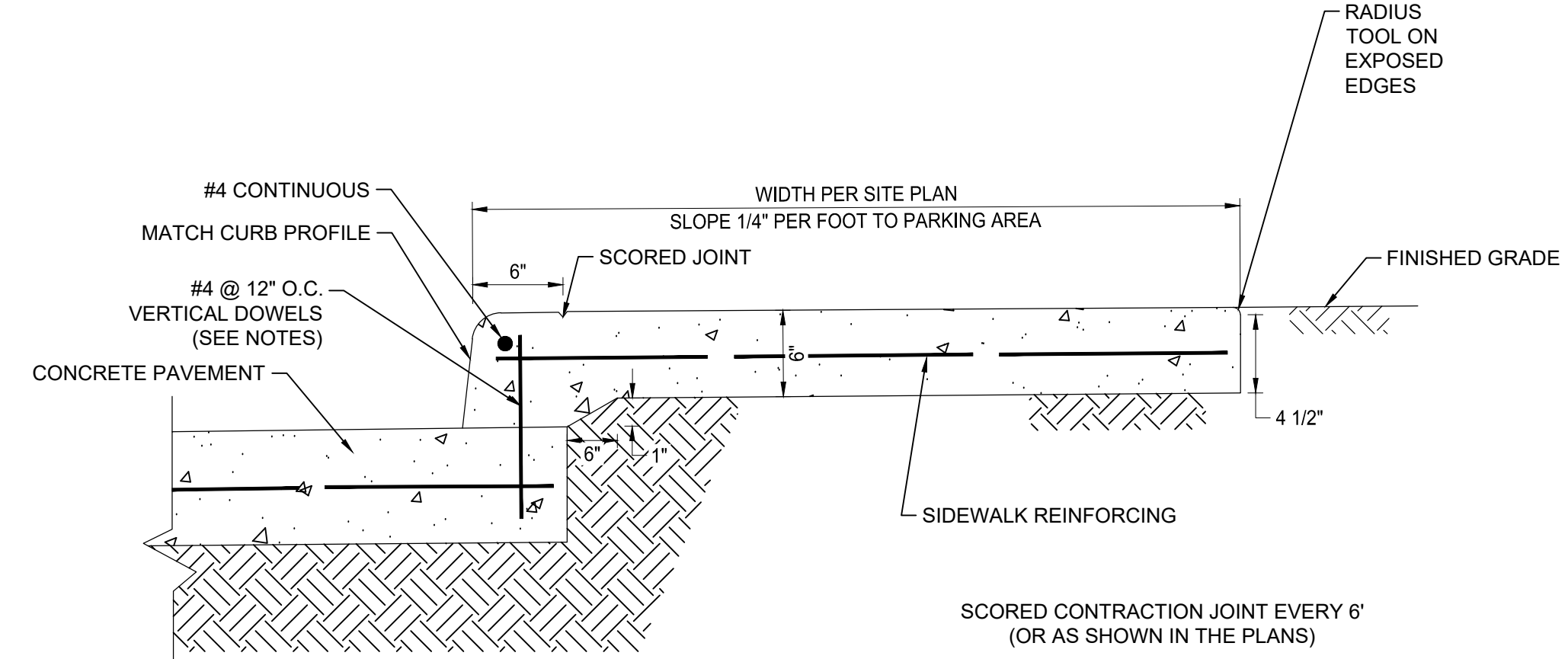
7" CONCRETE PAVEMENT
SCALE: N.T.S.



6" FLEXIBLE PAVEMENT
SCALE: N.T.S.

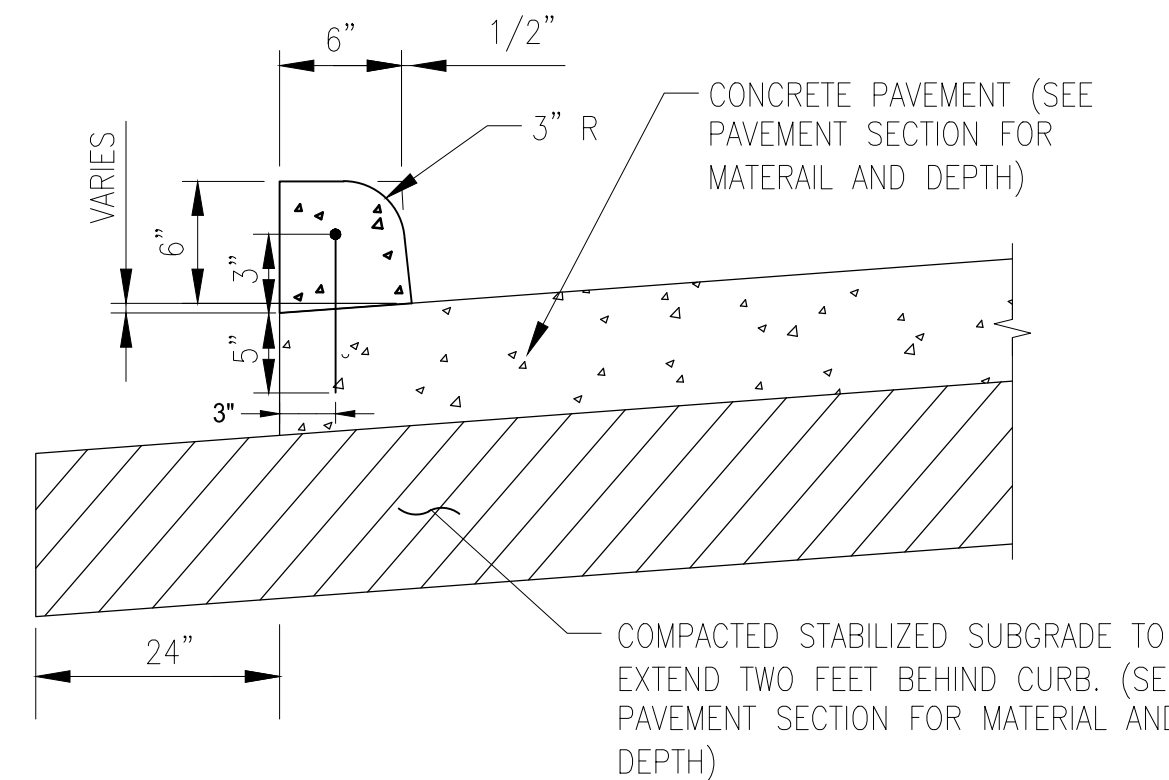


4.5" CONCRETE SIDEWALK
SCALE: N.T.S.

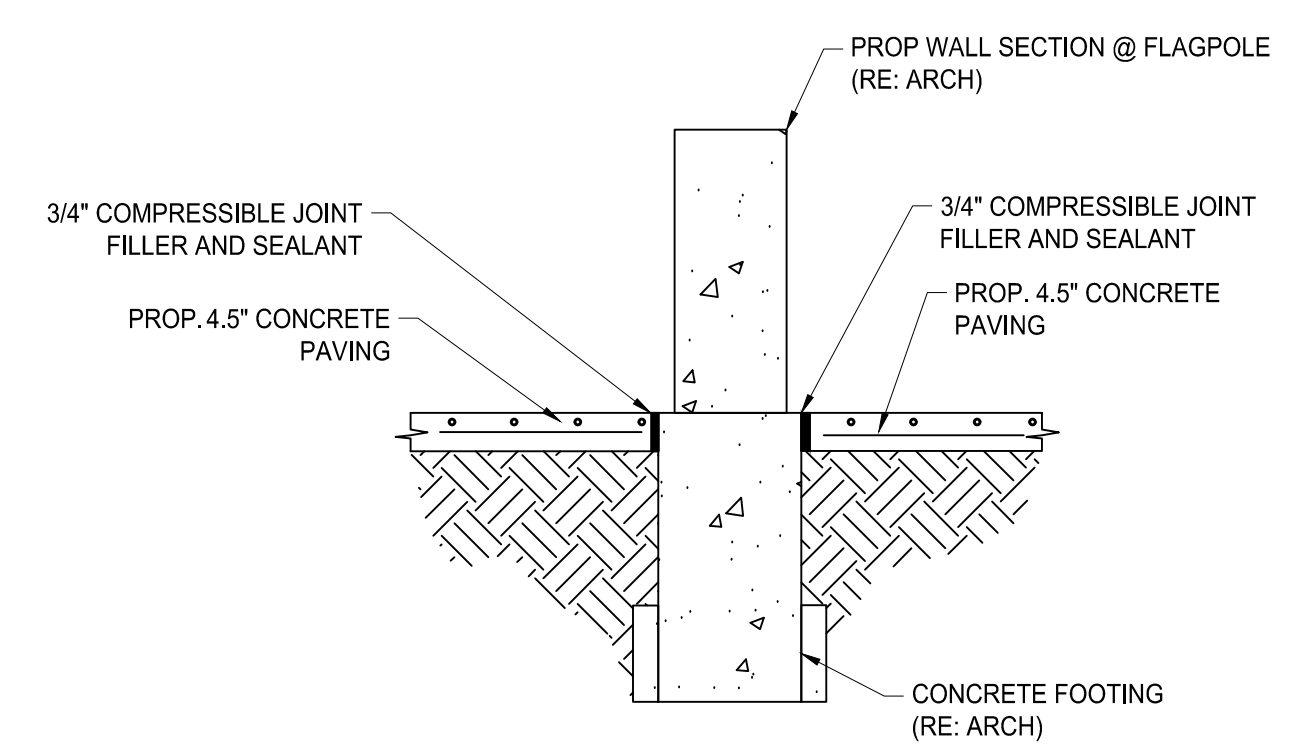


- NOTES:
- DELETE ALL VERTICAL DOWELS WHEN PAVING EXPANSION JOINTS ARE TERMINATED AT EDGE OF PAVING.
 - PROVIDE CHAMFERED EDGE AT BOTTOM OF CURB. ADDITIONAL #4 BAR IN WALK IN SMOOTH SLIP SURFACE BETWEEN PAVING AND WALK, WHEN VERTICAL DOWELS ARE DELETED.

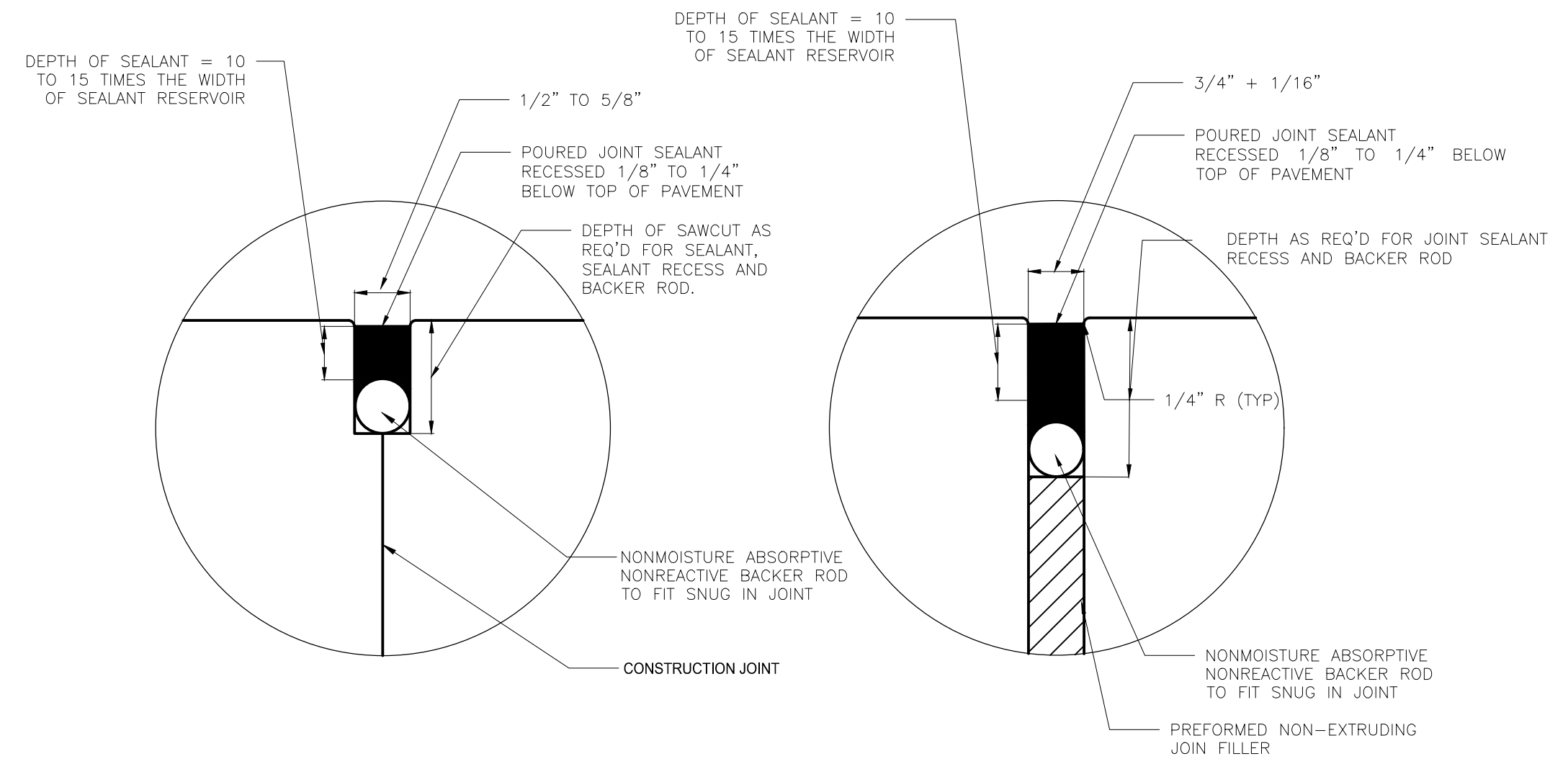
CONCRETE SIDEWALK AT PAVEMENT
NTS



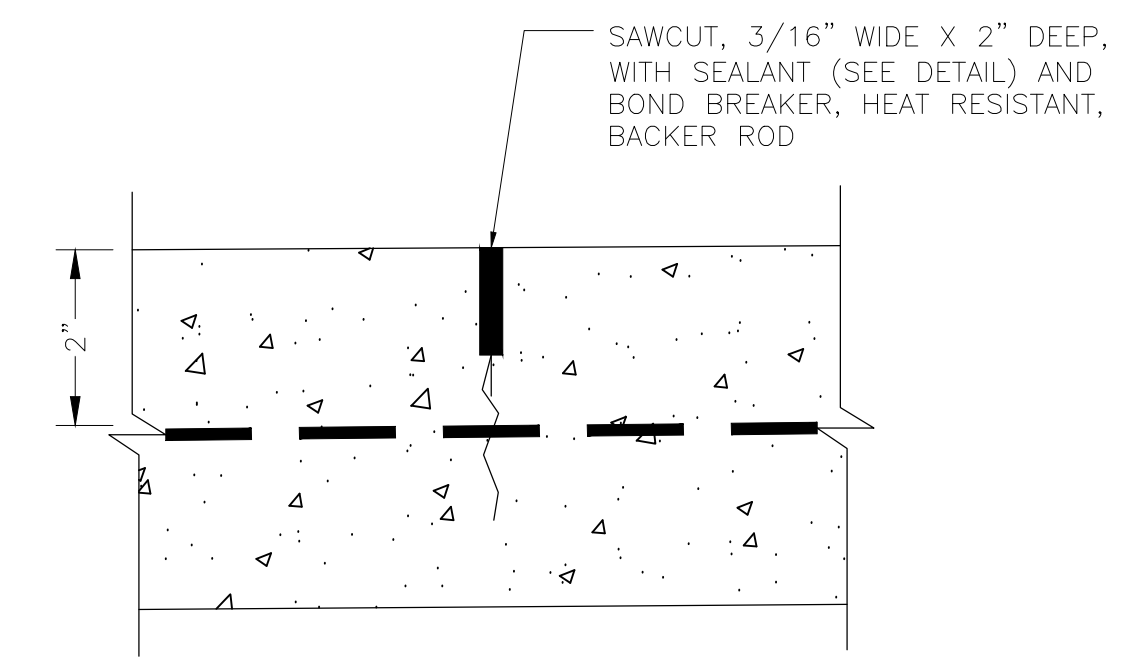
CONCRETE CURB SECTION
NTS



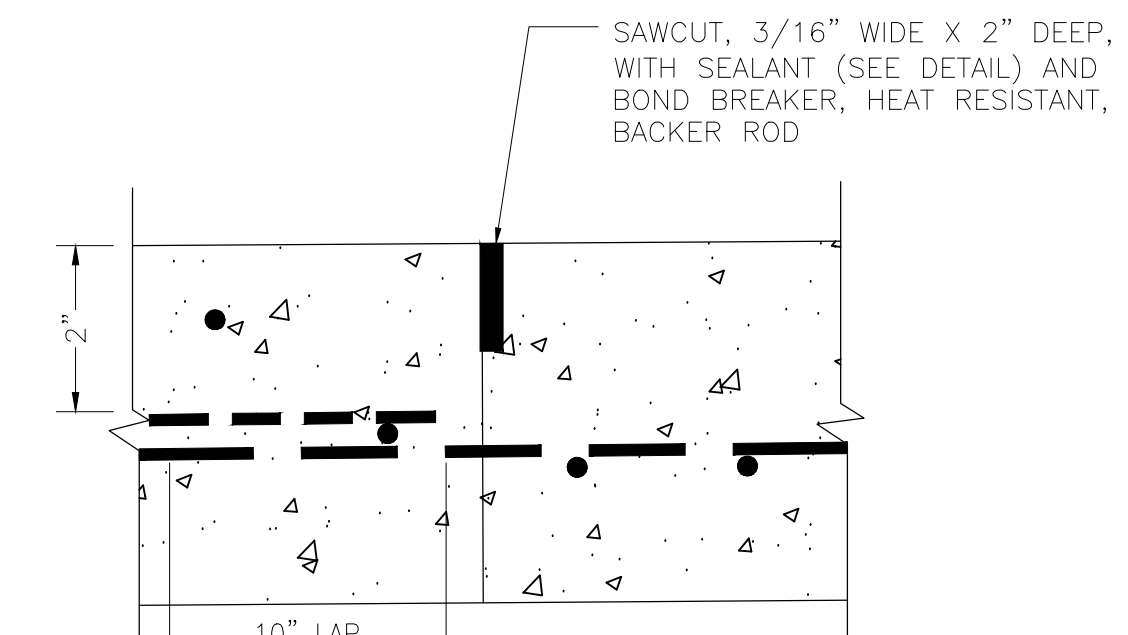
SIDEWALK ADJACENT TO FLAG POLE BASE
NTS



POURED JOINT SEALANT DETAILS
NTS



CONTROL JOINT

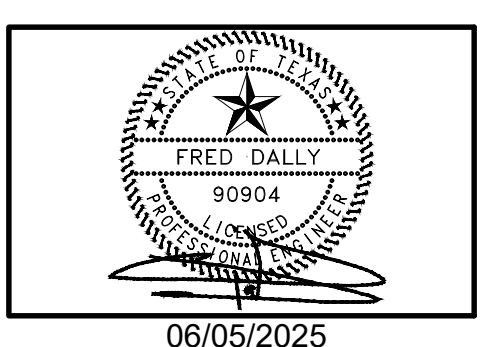


CONSTRUCTION JOINT

PAVING JOINTS
NTS

DESCRIPTION

DATE
05/08/2025
REV.
06/05/2025
1



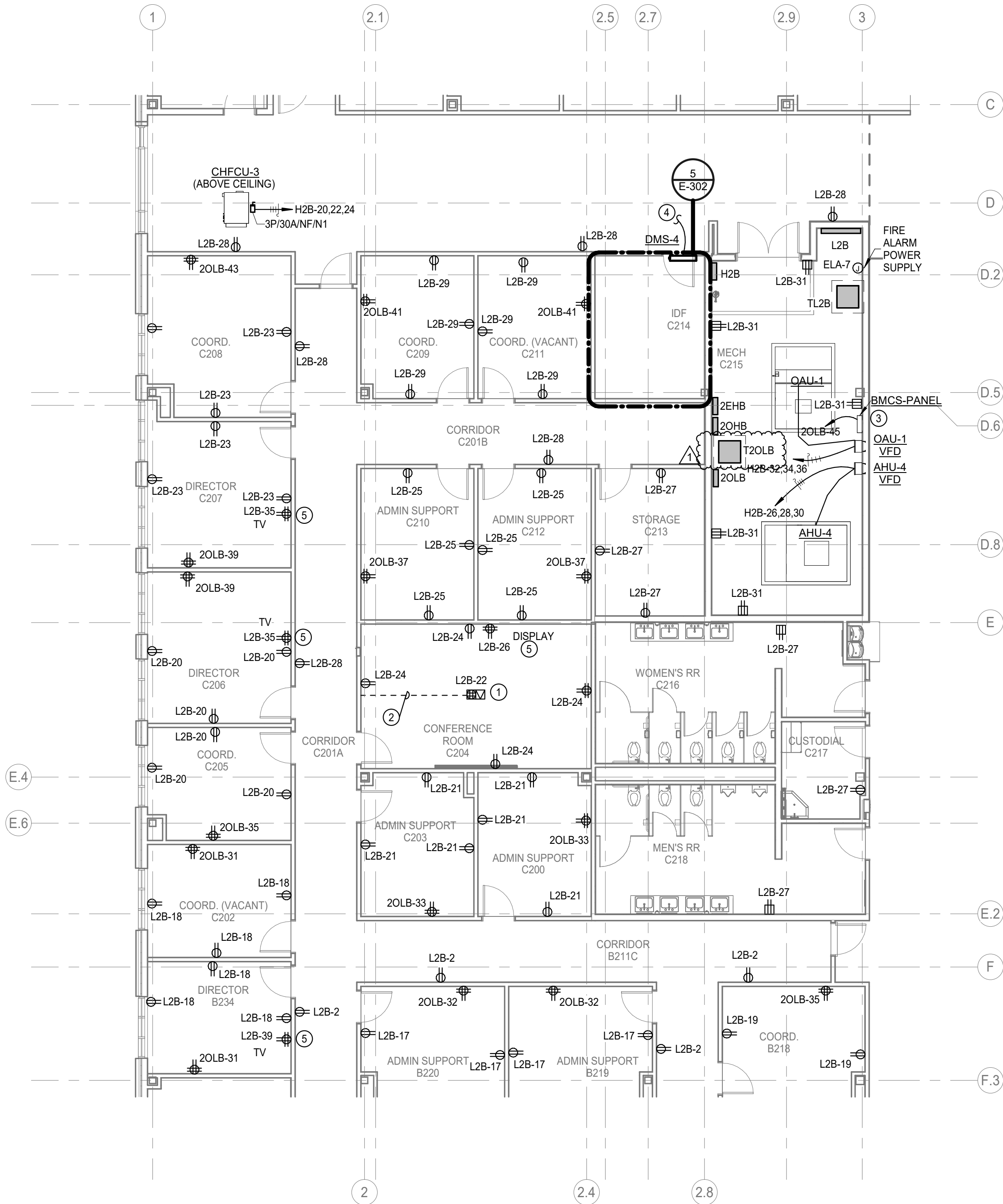
NEW CANEY ISD ADMINISTRATION BUILDING
21330 VALLEY RANCH PARKWAY
PORTER, TX 77365

PAVING DETAILS

ISSUED FOR: 100% CDs	
PERMIT	---/---/---
BID	05/08/2025
CONSTRUCTION	---/---/---
RECORD	---/---/---
PROJECT MANAGER	DESIGNER
CP	KA

JOB NO.
2023159.00

C14.00



1 ELECTRICAL POWER FLOOR PLAN - LEVEL 2 - UNIT C
Scale: 1/8" = 1'-0"

POWER GENERAL NOTES

- ELECTRICAL CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY PROBLEMS PERTAINING TO CIRCUIT AVAILABILITY OR LOAD CAPACITY PRIOR TO INSTALLATION.
- CONTRACTOR SHALL REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATION OF MECHANICAL AND PLUMBING EQUIPMENT AND SCHEDULES. CONTRACTOR SHALL PROVIDE ALL ELECTRICAL DISCONNECTS, BRANCH CIRCUITRY, STARTERS/CONTROLS, CIRCUIT BREAKERS AND CONNECTIONS REQUIRED TO POWER EQUIPMENT.
- CONTRACTOR TO COORDINATE EXACT LOCATION OF DISCONNECT SWITCHES, JUNCTION BOXES AND SINGLE POLE TOGGLE SWITCHES FOR MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
- ALL RECEPTACLES LOCATED WITHIN 6'-0" OF SINK SHALL BE GFCI TYPE.
- CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF RECEPTACLES AND SWITCHES WITH ARCHITECTURAL ELEVATIONS PRIOR TO ELECTRICAL ROUGH-IN. ADJUST DEVICES AS REQUIRED SO THAT NO DEVICES ARE INSTALLED BEHIND CABINETS OR SHELVES.
- ALL BLANK FACE GFCI DEVICES SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION AND NOT BEHIND EQUIPMENT.
- CONTRACTOR SHALL REFER TO TECHNOLOGY SERIES CONSTRUCTION DOCUMENTS FOR EXACT LOCATION AND REQUIREMENTS OF ALL LOW VOLTAGE BACK BOXES, FITTINGS, AND CONDUITS. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- ALL EXTERIOR OUTLETS SHALL BE WP GFI IN METAL WHILE-IN -USE LOCKABLE ENCLOSURE WITH EXCEPTION TO INTEGRAL RTU RECEPTACLES.

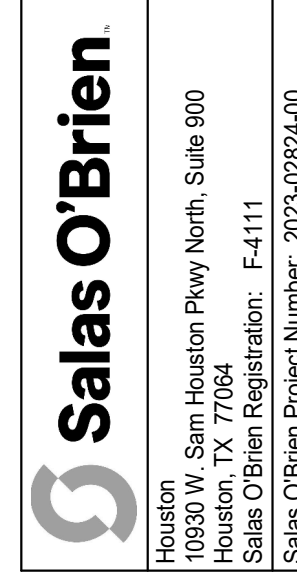
ELECTRICAL KEYED NOTES

- PROVIDE CONCEALED ACCESS, RECESSED FLOOR MOUNTED (8) GANG SERVICE BOX WITH QUAD POWER, (2) DATA, (1) JAV AND (1) BLANK.
- PROVIDE (3) UNDERGROUND 1" CONDUIT EACH FOR POWER, DATA AND SPARE TO FLOOR BOX. STUB THE SPARE CONDUIT TO ABOVE CEILING IN CORRIDOR.
- PROVIDE CONNECTION TO BMCS PANEL(S), DIVISION 26 TO MAKE FINAL CONNECTION. COORDINATE FINAL LOCATION AND POWER REQUIREMENTS WITH DIVISION 23 PRIOR TO ROUGH-IN AND INSTALLATION.
- POWER FROM DMSCU ON ROOF WITH MANUFACTURER RECOMMENDED CABLE.
- REFER TO TECHNOLOGY DRAWINGS FOR EXACT MOUNTING AND LOCATION DETAIL.



CONSULTANTS:

MEPT ENGINEERS
Salas O'Brien
REGISTRATION NO.



D2	D2.2
C2	G2
B2	A2
	F2

DESCRIPTION

Address #3

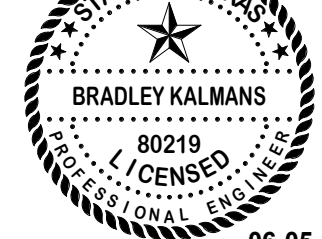
DATE

06/09/2025

REV

1

Bradley Valmans



NEW CANEY ISD ADMINISTRATION BUILDING

21330 VALLEY RANCH PARKWAY
PORTER, TX 77365

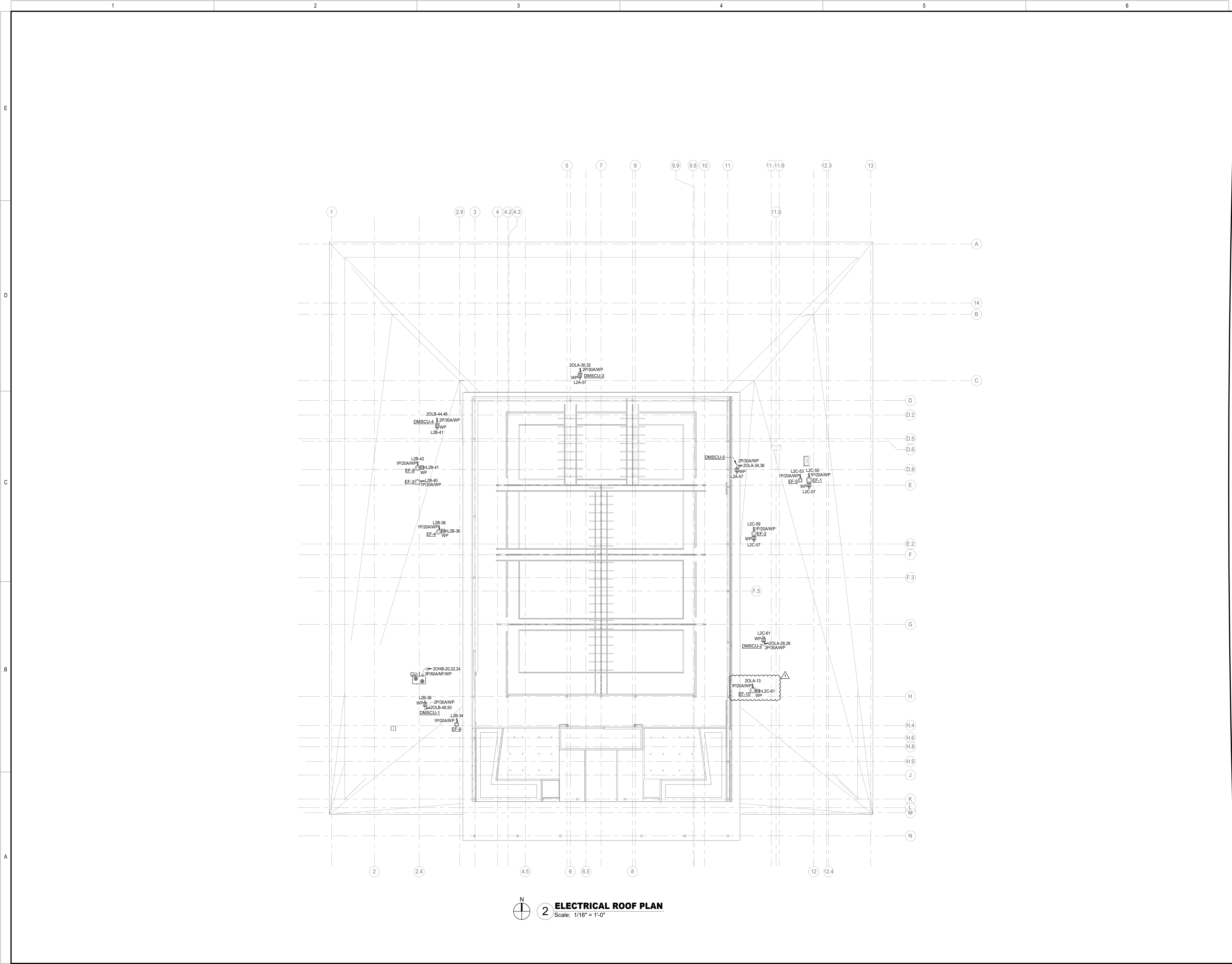
ELECTRICAL POWER SECOND FLOOR AREA - C2

ISSUED FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	---
RECORD	---
PROJECT MANAGER	DESIGNER
CA	SA

JOB NO.
2023159.00

E-212-C2

6/5/2025 3:38:15 PM



CONSULTANTS:

MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.

Salas O'Brien

Houston
14630 W. Sage Road, Suite 260
Houston, TX 77058
713.622.1448 Fax 713.622.1455

Salas O'Brien Project Number: 2023-10264-00

Salas O'Brien Registration: F-4111

TX Project

REV	DATE	DESCRIPTION
1	06/05/2025	Address #3

Bradley Kalman

06-05-25

NEW CANEY ISD ADMINISTRATION BUILDING

21330 VALLEY RANCH PARKWAY
PORTER, TX 77365

ELECTRICAL ROOF PLAN

ISSUED FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	---
RECORD	---
PROJECT MANAGER	DESIGNER
CA	SA

JOB NO.
2023159.00

E-218

DESCRIPTION

1001

DATE _____

8FV

1

NEW CANEY ISD ADMINISTRATION BUILDING
21330 VALLEY RANCH PARKWAY
PORTER, TX 77365

ISSUED: FOR BID	
PERMIT	
BID	05/08/2022
CONSTRUCTION	--/--/----
RECORD	--/--/----

PROJECT MANAGER	DESIGNER
CA	SA

JOB NO.
2023159.00

E-401

COPPER FEEDER SCHEDULE

AMPERAGE	# SETS	CONDUCTOR QTY./SIZE	GROUND QTY./SIZE	CONDUIT
50A	1	(4) #6	#10	1" C
100A	1	(4) #3	#8	1-1/4" C
150A	1	(4) #10	#6	2" C
200A	1	(4) #30	#4	2-1/2" C
250A	1	(4) #250CMIL	#4	3" C
300A	2	(4) #10	#4	2" C
400A	2	(4) #30	#3	2-1/2" C
500A	3	(4) #500CMIL	#400CMIL	3-1/2" C
ME800A	3	(3) #300CMIL	#10	3" C
SE3000A	8	(4) #500CMIL	N/A	3-1/2" C
SPDL	1	(5) #10	N/A	3/4" C
SPDVH	1	5GS	N/A	1-1/2" C

1. CONDUIT QUANTITIES BASED ON 3-PHASE, 4-WIRE SYSTEM FOR EQUIPMENT THAT DOES NOT REQUIRE A NEUTRAL OR IS SINGLE PHASE. ADDITIONAL CONDUIT REQUIRED FOR NEUTRAL OR SINGLE PHASE.

2. CONDUCTOR SIZES BASED ON NEC TABLE 310.16 - COPPER 75°.

3. CONDUCTOR SIZES BASED ON NEC TABLE 310.16 - COPPER.

4. CONDUIT FILL BASED ON NEC ANNEX C - THW CONDUIT INSULATION.

MAXIMUM ALLOWABLE VOLTAGE DROP FOR FEEDERS AND BRANCH CIRCUITS (NEC 2023)

1. Total voltage drop from the point of service to the last outlet or utilization equipment of the same voltage shall not exceed five-percent of rated voltage.
2. Total voltage drop from the point of service to transformers with adjustable taps, buck-boost transformers, uninterruptible power supplies (UPS), or voltage regulators shall not exceed five-percent of rated voltage.
3. Total voltage drop from a separately derived system, transformer with adjustable taps, buck-boost transformer, uninterruptible power supply (UPS), or voltage regulator to the last outlet or utilization equipment of the same voltage shall not exceed five-percent of rated voltage.
4. Total voltage drop from the point of service to distribution equipment of the same voltage shall not exceed two-percent of rated voltage.
5. Branch circuit voltage drop from distribution equipment to the last outlet or utilization equipment shall not exceed three-percent of rated voltage.
6. Provide the same size branch circuit conductors to last outlet on circuit unless specifically noted or indicated otherwise on the drawings. For 20 amp branch circuits operating at 100-volts or less, use #10 AWG wire when the first outlet is over 75-feet from the panelboard. For branch circuits operating above 100-volts to 600-volts, provide #10 AWG wire when the first outlet is over 150-feet from the panelboard.

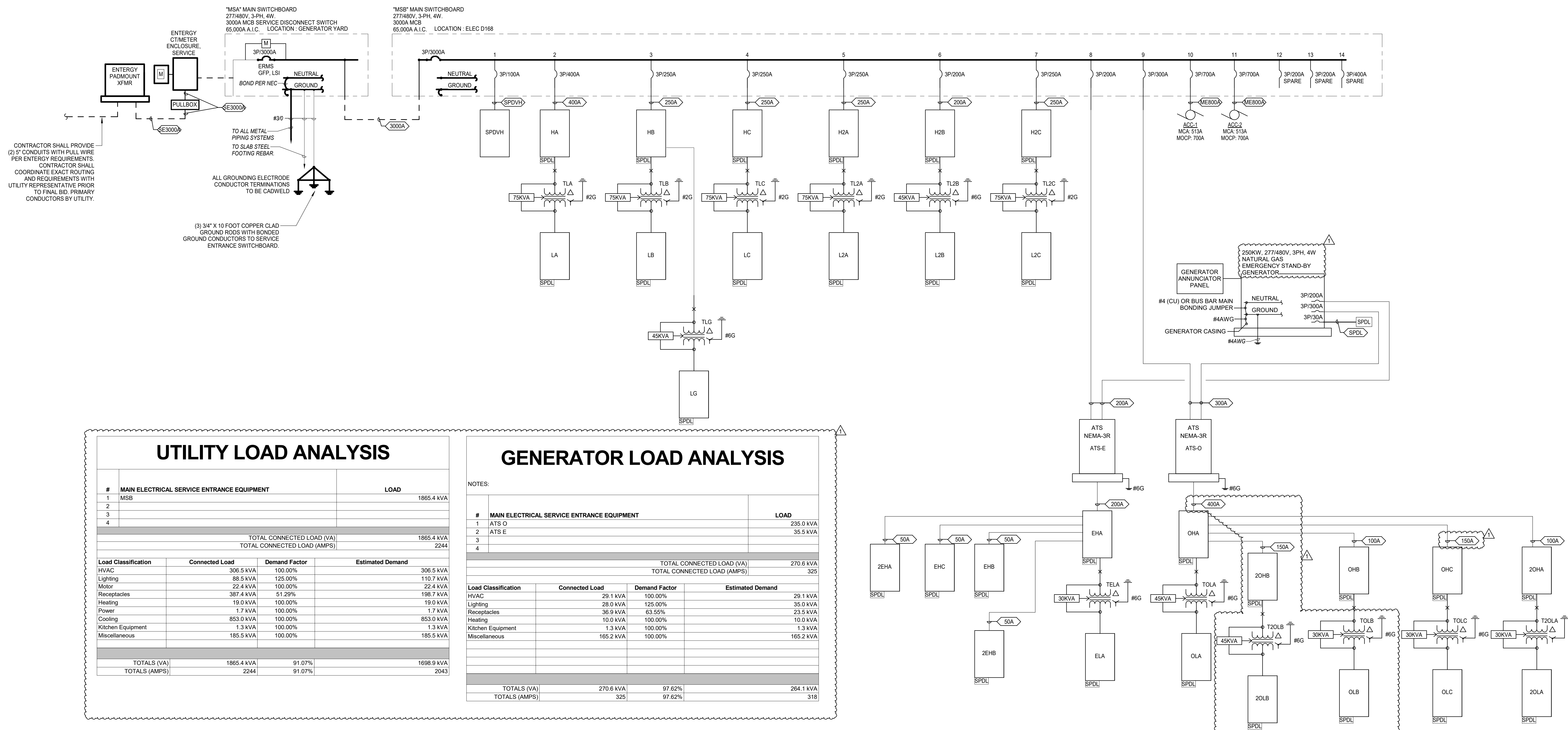
TRANSFORMER SCHEDULE

PRIMARY (480V 3PH 3W)		SECONDARY (208V 3PH 4W)
KVA	WIRE & CONDUIT	WIRE & CONDUIT
30KVA	3#6, 1" C, 1#10G	4#1, 2" C, 1#6G
45KVA	3#4, 1" C, 1#6G	4#1/0, 2" C, 1#6G
75KVA	3#1, 1-1/4" C, 1#6G	4#250KCMIL, 3" C, 1#2G

UTILITY CONTACT INFORMATION

NAME: BEN GOMEZ
PHONE: 713-584-7712
EMAIL: BGOMEZ@ENTERGY.COM

INITIAL UTILITY ELECTRICAL SERVICE COORDINATION HAS BEEN COMPLETED BY SALAS O'BRIEN. DURING BID, CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL THE REQUIRED LABOR & MATERIALS THAT ARE NOT INCLUDED IN THE ELECTRICAL UTILITY COMPANY'S SCOPE OF WORK. FINAL UTILITY ELECTRICAL COORDINATION WILL BE FULLY THE CONTRACTOR'S RESPONSIBILITY AND ANY UNCOORDINATED WORK WILL BE AT NO EXPENSE TO OWNER.



Branch Panel: OHB																													
Location: ELECTRICAL C103					Volts: 277/480 Wye					A.I.C. Rating: 18,000																			
Supply From: OHA					Phases: 3					Enclosure: Type 1																			
Mounting: Surface					Wires: 4					Mains: 100A MCB																			
Phase in kVA																													
Note	CKT	Circuit Description			Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description			CKT	Note													
--	1	SPARE			--	20	3	0.0 / 0.0		1	--	SPACE			2	--													
--	3	SPARE			--	20	3		0.0 / 0.0		1	--	SPACE			4	--												
--	5	SPARE			--	20	3			0.0 / 0.0	1	--	SPACE			6	--												
--	7	SPARE			--	20	3	0.0 / 0.0			1	--	SPACE			8	--												
--	9	SPARE			--	20	3		0.0 / 0.0		1	--	SPACE			10	--												
--	11	SPARE			--	20	3			0.0 / 0.0	1	--	SPACE			12	--												
--	13	SPACE			--	--	1	0.0 / 0.0			1	--	SPACE			14	--												
--	15	SPACE			--	--	1		0.0 / 0.0		1	--	SPACE			16	--												
--	17	SPACE			--	--	1			0.0 / 0.0	1	--	SPACE			18	--												
--	19	SPACE			--	--	1	0.0 / 0.0			1	--	SPACE			20	--												
--	21	SPACE			--	--	1		0.0 / 0.0		1	--	SPACE			22	--												
--	23	SPACE			--	--	1			0.0 / 0.0	1	--	SPACE			24	--												
--	25	SPACE			--	--	1				1	--	SPACE			26	--												
--	27	PANEL OLB VIA TOLB			--	50	3	4.5 / 0.0	3.0 / 0.0	2.7 / 0.0	1	--	SPACE			28	--												
--	29	PANEL OLB VIA TOLB			--	50	3				1	--	SPACE			30	--												
					Total Load:					16 A 11 A 10 A																			
					Total Amps:					16 A 11 A 10 A																			
Load Classification					Connected Load					Demand Factor					Estimated Demand					Panel Totals									
Miscellaneous					7.8 kVA					100.00%					7.8 kVA					Total Conn. Load: 10.2 kVA									
Receptacles					2.3 kVA					100.00%					2.3 kVA					Total Est. Demand: 10.2 kVA									
																				Total Conn. Current: 12 A									
																				Total Est. Demand Current: 12 A									
Notes:															Abbreviations: G - PROVIDE GFCI CIRCUIT BREAKER LF - PROVIDE PERMANENT LOCK-OFF DEVICE LO - PROVIDE PERMANENT LOCK-ON DEVICE														

Branch Panel: 2OHB																	
Location: MECH C215					Volts: 277/480 Wye					A.I.C. Rating: 18,000							
Supply From: OHA					Phases: 3					Enclosure: Type 1							
Mounting: Surface					Wires: 4					Mains: 150A MCB							
Phase in kVA																	
Note	CKT	Circuit Description			Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description			CKT	Note	
--	1	SPARE			--	20	3	0.0 / 1.0			3	20	#12	VAV-4-19 (3kW)	2		
--	3	SPARE			--	20	3		0.0 / 1.0						4		
--	5	SPARE			--	20	3			0.0 / 1.0					6		
--	7	SPARE			--	20	3	0.0 / 2.3				3	20	#12	VAV-4-20 (7kW)	8	
--	9	SPARE			--	20	3		0.0 / 2.3						10		
--	11	SPARE			--	20	3			0.0 / 2.3					12		
--	13	SPACE			--	--	1	0.0 / 2.3				3	20	#12	VAV-4-21 (7kW)	14	
--	15	SPACE			--	--	1		0.0 / 2.3						16		
--	17	SPACE			--	--	1			0.0 / 2.3					18		

--	19	PNL '20LB' VIA T20LB (45 KVA XFR)			1-L	70	3	15.0 / 7.8				3	35	#8	CU-1	20	
--	21	PNL '20LB' VIA T20LB (45 KVA XFR)			1-L	70	3		14.8 / 7.8						22		
--	23	PNL '20LB' VIA T20LB (45 KVA XFR)			1-L	70	3			12.7 / 7.8					24		

--	25	AHU-8 (3HP)			#12	20	3	2.5 / 0.0				3	30	--	SPD	26	--
--	27	AHU-8 (3HP)			#12	20	3		2.5 / 0.0						28		
--	29	AHU-8 (3HP)			#12	20	3			2.5 / 0.0					30		
Total Load:							31.0 kVA			30.7 kVA			28.6 kVA				
Total Amps:							113 A			112 A			103 A				
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals									
HVAC		11.0 kVA		100.00%		11.0 kVA		Total Conn. Load: 90.3 kVA									
Miscellaneous		54.6 kVA		100.00%		54.6 kVA		Total Est. Demand: 83.0 kVA									
Receptacles		24.7 kVA		70.28%		17.3 kVA		Total Conn. Current: 109 A									
							Total Est. Demand Current: 100 A										
Notes:															Abbreviations:		
															G - PROVIDE GFCI CIRCUIT BREAKER		
															LF - PROVIDE PERMANENT LOCK-OFF DEVICE		
															LO - PROVIDE PERMANENT LOCK-ON DEVICE		

Branch Panel: ELA																		
Location: EMERGENCY ELECTRICAL...							Volts: 120/208 Wye				A.I.C. Rating: 10,000							
Supply From: TELA							Phases: 3				Enclosure: Type 1							
Mounting: Surface							Wires: 4				Mains: 100A MCB							
Phase in kVA																		
Note	CKT	Circuit Description			Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description			CKT	Note		
LO	1	FIRE ALARM BPS MDF D132			#12	20	1	0.5 / 0.5		1	20	#12	BPS IDF F124			2		
	3	FACP MDF D132			#12	20	1		0.5 / 0.5		1	20	#12	BPS IDF E204			4	
	5	BPS MECH/ ELEC D166			#12	20	1			0.5 / 0.5	1	20	#12	EERC PANEL IDF E204			6	LO
	7	BPS MECH C215			#12	20	1	0.5 / 0.5			1	20	#12	GEN. REMOTE PANEL CUST. OFFICE E121			8	
	9	BPS MECH C102			#12	20	1		0.5 / 0.3		1	20	#12	GEN. REMOTE PANEL CUST. OFFICE E121			10	
	11	BPS MECH/ ELEC D265			#12	20	1			0.5 / 0.3	3	20	#10	OH SECURITY DOOR CORRIDOR G200A			12	
	13	BPS IDF C214			#12	20	1	0.5 / 0.3			1	20	--	SPARE			14	--
	15								0.3 / 0.0		1	20	--	SPARE			16	--
	17	OH SECURITY DOOR CORRIDOR G200E			#10	20	3			0.3 / 0.0	1	20	--	SPARE			18	--
	19							0.3 / 0.0			1	20	--	SPARE			20	--
--	21	SPARE			--	20	1		0.0 / 0.0		1	--	SPACE			22	--	
--	23	SPARE			--	20	1			0.0 / 0.1	1	--	SPACE			24	--	
--	25	SPARE			--	20	1	0.0 / 0.0			1	--	SPACE			26	--	
--	27	SPARE			--	20	1		0.0 / 0.0		3	30	--	SPDL			28	--
--	29	SPARE			--	20	1			0.0 / 0.0	1	--	SPACE			30	--	
							Total Load:		3.2 kVA		2.2 kVA		2.2 kVA					
							Total Amps:		26 A		18 A		18 A					
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals										
Miscellaneous		7.5 kVA		100.00%		7.5 kVA		Total Conn. Load: 7.5 kVA										
								Total Est. Demand: 7.5 kVA										
								Total Conn. Current: 21 A										
								Total Est. Demand Current: 21 A										
Notes:																		
Abbreviations:																		
G - PROVIDE GFCI CIRCUIT BREAKER																		
LF - PROVIDE PERMANENT LOCK-OFF DEVICE																		
LO - PROVIDE PERMANENT LOCK-ON DEVICE																		

6/5/2025 3:12:35 PM

E

D

C

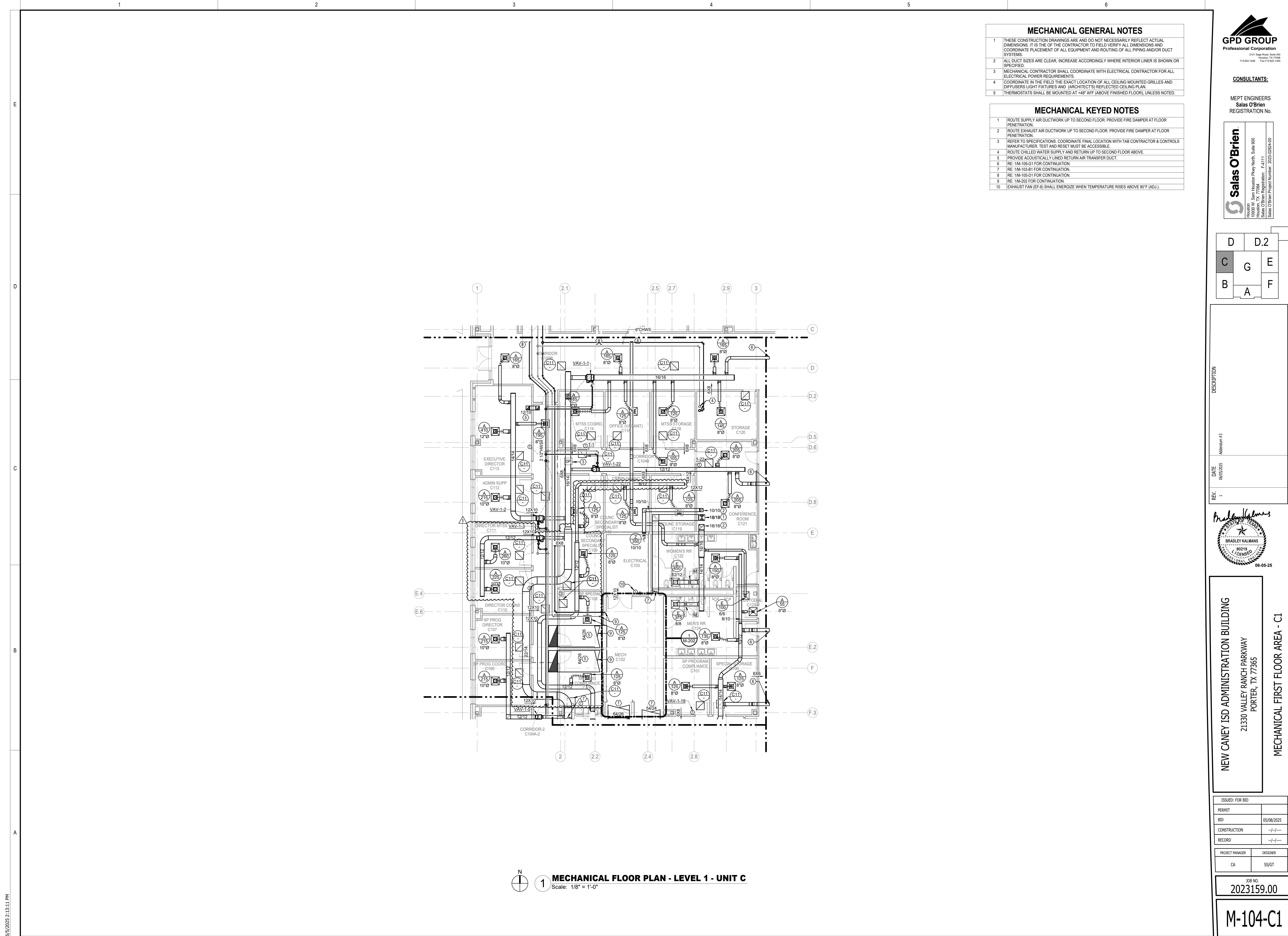
B

A

Branch Panel: OHC																										
Location: ELECTRICAL E120						Volts: 277/480 Wye						A.I.C. Rating: 18,000														
Supply From: OHA						Phases: 3						Enclosure: Type 1														
Mounting: Surface						Wires: 4						Mains: 100A MCB														
Phase in kVA																										
Note	CKT	Circuit Description				Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description				CKT	Note								
--	1	SPARE				--	20	3	0.0 / 0.6	0.0 / 0.6		3	20	#12	SP-1 SUMP PUMP				2	LF						
--	3																									
--	5																									
--	7	SPACE				--	--	1	0.0 / 11.1			3	80	#3	ELEV A108				6							
--	9	SPACE				--	--	1		0.0 / 11.1			3	80	#3	ELEV A108				8						
--	11	SPACE				--	--	1			0.0 / 11.1			3	80	#3	ELEV A108				10					
--	13	SPACE				--	--	1	0.0 / 11.1				3	80	#3	ELEV A109				12						
--	15	SPACE				--	--	1		0.0 / 11.1			3	80	#3	ELEV A109				14						
--	17	SPACE				--	--	1			0.0 / 11.1			3	80	#3	ELEV A109				16					
--	19	SPACE				--	--	1	0.0 / 3.5				3	50	1-L	PANEL OLC VIA TOLC				18						
--	21	SPACE				--	--	1		0.0 / 4.4			3	50	1-L	PANEL OLC VIA TOLC				20						
--	23	SPACE				--	--	1			0.0 / 4.0			3	50	1-L	PANEL OLC VIA TOLC				22					
--	25	SPACE				--	--	1	0.0 / 0.0				3	30	--	SPD				24						
--	27	SPACE				--	--	1		0.0 / 0.0			3	30	--	SPD				26	--					
--	29	SPACE				--	--	1			0.0 / 0.0			3	30	--	SPD				28	--				
Total Load:								26.3 kVA	27.2 kVA	26.8 kVA																
Total Amps:								95 A	99 A	97 A																
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals																		
HVAC		1.9 kVA		100.00%		1.9 kVA																				
Kitchen Equipment		1.3 kVA		100.00%		1.3 kVA		Total Conn. Load: 80.4 kVA																		
Miscellaneous		73.9 kVA		100.00%		73.9 kVA		Total Est. Demand: 80.4 kVA																		
Receptacles		3.2 kVA		100.00%		3.2 kVA		Total Conn. Current: 97 A																		
								Total Est. Demand Current: 97 A																		
Notes:																Abbreviations:										
																G - PROVIDE GFCI CIRCUIT BREAKER										
																LF - PROVIDE PERMANENT LOCK-OFF DEVICE										
																LO - PROVIDE PERMANENT LOCK-ON DEVICE										

Branch Panel: 20HA																											
Location: ELECTRICAL E203								Volts: 277/480 Wye					A.I.C. Rating: 10,000														
Supply From: OHA								Phases: 3					Enclosure: Type 1														
Mounting: Surface								Wires: 4					Mains: 100A MCB														
Phase in kVA																											
Note	CKT	Circuit Description				Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description				CKT	Note									
	1	PANEL 20LA VIA T20LA				50	3	8.8 / 0.0	9.5 / 0.0	8.3 / 0.0	1	--	SPACE				2	--									
	3												SPACE				4	--									
--	7	SPARE				--	20	1	0.0 / 0.0		1	--	SPACE				6	--									
--	9	SPARE				--	20	1	0.0 / 0.0		1	--	SPACE				8	--									
--	11	SPARE				--	20	1	0.0 / 0.0		1	--	SPACE				10	--									
--	13	SPARE				--	20	1	0.0 / 0.0		1	--	SPACE				12	--									
--	15	SPARE				--	20	1	0.0 / 0.0		1	--	SPACE				14	--									
--	17	SPACE				--	--	1	0.0 / 0.0		1	--	SPACE				16	--									
--	19	SPACE				--	--	1	0.0 / 0.0		1	--	SPACE				18	--									
--	21	SPACE				--	--	1	0.0 / 0.0		1	--	SPACE				20	--									
--	23	SPACE				--	--	1	0.0 / 0.0		1	--	SPACE				22	--									
--	25	SPACE				--	--	1	0.0 / 0.0		1	--	SPACE				24	--									
--	27	SPD				--	30	3	0.0 / 0.0		1	--	SPACE				26	--									
--	29					--	--	--	--	--	1	--	SPACE				28	--									
						Total Load:		8.8 kVA	9.5 kVA	8.3 kVA			Total Amps:		32 A	35 A	30 A										
Load Classification						Connected Load		16.2 kVA	100.00%	16.2 kVA			Estimated Demand		16.2 kVA	Panel Totals											
HVAC								6.9 kVA	100.00%	6.9 kVA					6.9 kVA	Total Conn. Load: 26.6 kVA											
Miscellaneous								3.4 kVA	100.00%	3.4 kVA					3.4 kVA	Total Est. Demand: 26.6 kVA											
Receptacles																Total Conn. Current: 32 A											
																Total Est. Demand Current: 32 A											
Notes:																											
												Abbreviations:															
												G - PROVIDE GFCI CIRCUIT BREAKER															
												LF - PROVIDE PERMANENT LOCK-OFF DEVICE															
												LO - PROVIDE PERMANENT LOCK-ON DEVICE															

Switchboard: MSB						
Location: ELECTRICAL D168				Volts: 277/480 Wye		A.I.C. Rating: 65000
Supply From: Utility				Phases: 3		MCB Rating: 3000
Mounting: FLOOR				Wires: 4		Mains Rating: 3000
Enclosure: TYPE 1						
CKT	Circuit Description	Trip Rating	# of Poles	Load	Wire	Remarks
1	PANEL HA	400	3	241.5 kVA	SEE 1-L	
2	PANEL HB	250	3	119.7 kVA	SEE 1-L	
3	PANEL HC	250	3	73.4 kVA	SEE 1-L	
4	PANEL H2A	250	3	121.1 kVA	SEE 1-L	
5	PANEL H2B	200	3	85.4 kVA	SEE 1-L	
6	PANEL H2C	250	3	100.7 kVA	SEE 1-L	
7	ATS E	200	3	35.5 kVA	SEE 1-L	
8	ATS O	300	3	235.0 kVA	SEE 1-L	
9	SPARE	200	3	0.0 kVA		
10	ACC-1	700	3	426.5 kVA	SEE 1-L	
11	ACC-2	700	3	426.5 kVA	SEE 1-L	
12	SPARE	200	3	0.0 kVA		
13	SPACE	--	3	--		
14	SPD	100	3	0.0 kVA	SEE 1-L	
15						
16						
17						
18						
19						
20						
				Total Conn...	1865.4 kVA	
				Total Amps:	2244	
Load Classification		Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC		306.5 kVA	100.00%	306.5 kVA		
Lighting		88.5 kVA	125.00%	110.7 kVA	Total Conn. Load:	1865.4 kVA
Motor		22.4 kVA	100.00%	22.4 kVA	Total Est. Demand:	1698.9 kVA
Miscellaneous		185.5 kVA	100.00%	185.5 kVA	Total Conn. Current:	2244
Kitchen Equipment		1.3 kVA	100.00%	1.3 kVA	Total Est. Demand...	2043
Receptacles		387.4 kVA	51.29%	198.7 kVA		
Power		1.7 kVA	100.00%	1.7 kVA		
Cooling		853.0 kVA	100.00%	853.0 kVA		
Heating		19.0 kVA	100.00%	19.0 kVA		
Notes:						



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MECHANICAL GENERAL NOTES	
1	THESE CONSTRUCTION DRAWINGS ARE AND DO NOT NECESSARILY REFLECT ACTUAL DIMENSIONS. IT IS THE OF THE CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND COORDINATE PLACEMENT OF ALL EQUIPMENT AND ROUTING OF ALL PIPING AND/OR DUCT SYSTEMS.
2	ALL DUCT SIZES ARE CLEAR. INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.
3	MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL POWER REQUIREMENTS.
4	COORDINATE IN THE FIELD THE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS LIGHT FIXTURES AND (ARCHITECT'S) REFLECTED CEILING PLAN.
5	THERMOSTATS SHALL BE MOUNTED AT +48" AFF. (ABOVE FINISHED FLOOR), UNLESS NOTED.

MECHANICAL KEYED NOTES	
1	REFER TO SPECIFICATIONS. COORDINATE FINAL LOCATION WITH TAB CONTRACTOR & CONTROLS MANUFACTURER. TEST AND RESET MUST BE ACCESSIBLE.
2	RE: 1M-113-G2 FOR CONTINUATION.
3	RE: 1M-117-G2 FOR CONTINUATION.
4	PROVIDE ACOUSTICALLY LINED RETURN AIR TRANSFER DUCT.
5	RE: 1M-114-D2.2 FOR CONTINUATION.



2121 Sage Road, Suite 260
Houston, TX 77058
713.622.1448 Fax: 713.622.1455

CONSULTANTS:

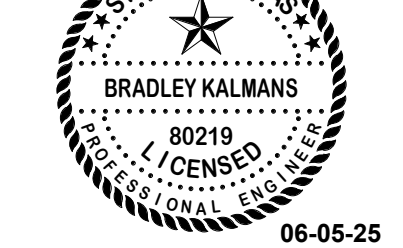

MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.

Salas O'Brien

Houston
16500 Katy Freeway, Suite 900
Houston, TX 77058
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-10264-00

D2	D2.2	
C2	G2	E2
B2	A2	F2

DESCRIPTION	
Address #3	
DATE	06/05/2025
REV.	1



06-05-25

NEW CANEY ISD ADMINISTRATION BUILDING

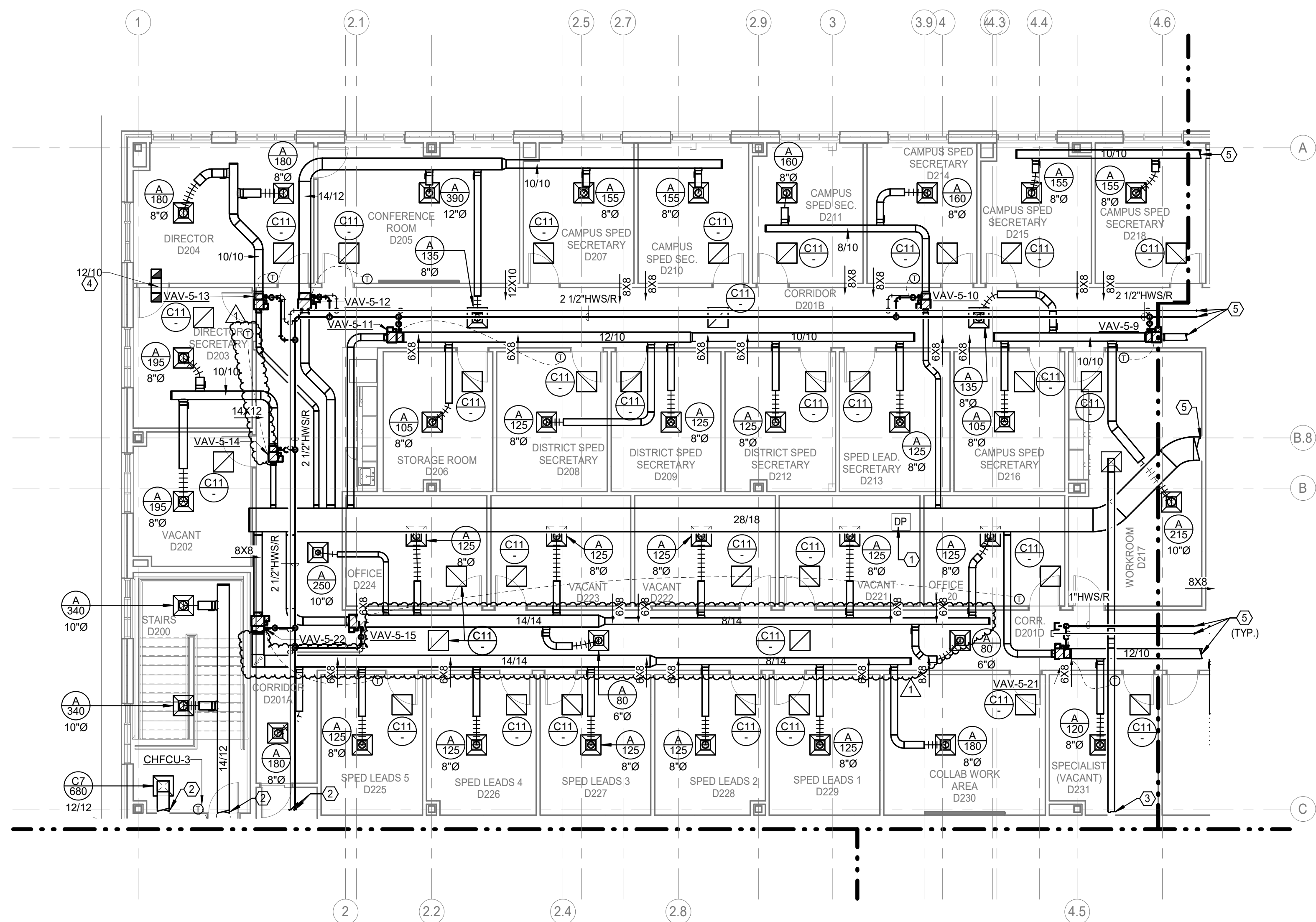
21330 VALLEY RANCH PARKWAY
PORTER, TX 77365

MECHANICAL SECOND FLOOR AREA - D2

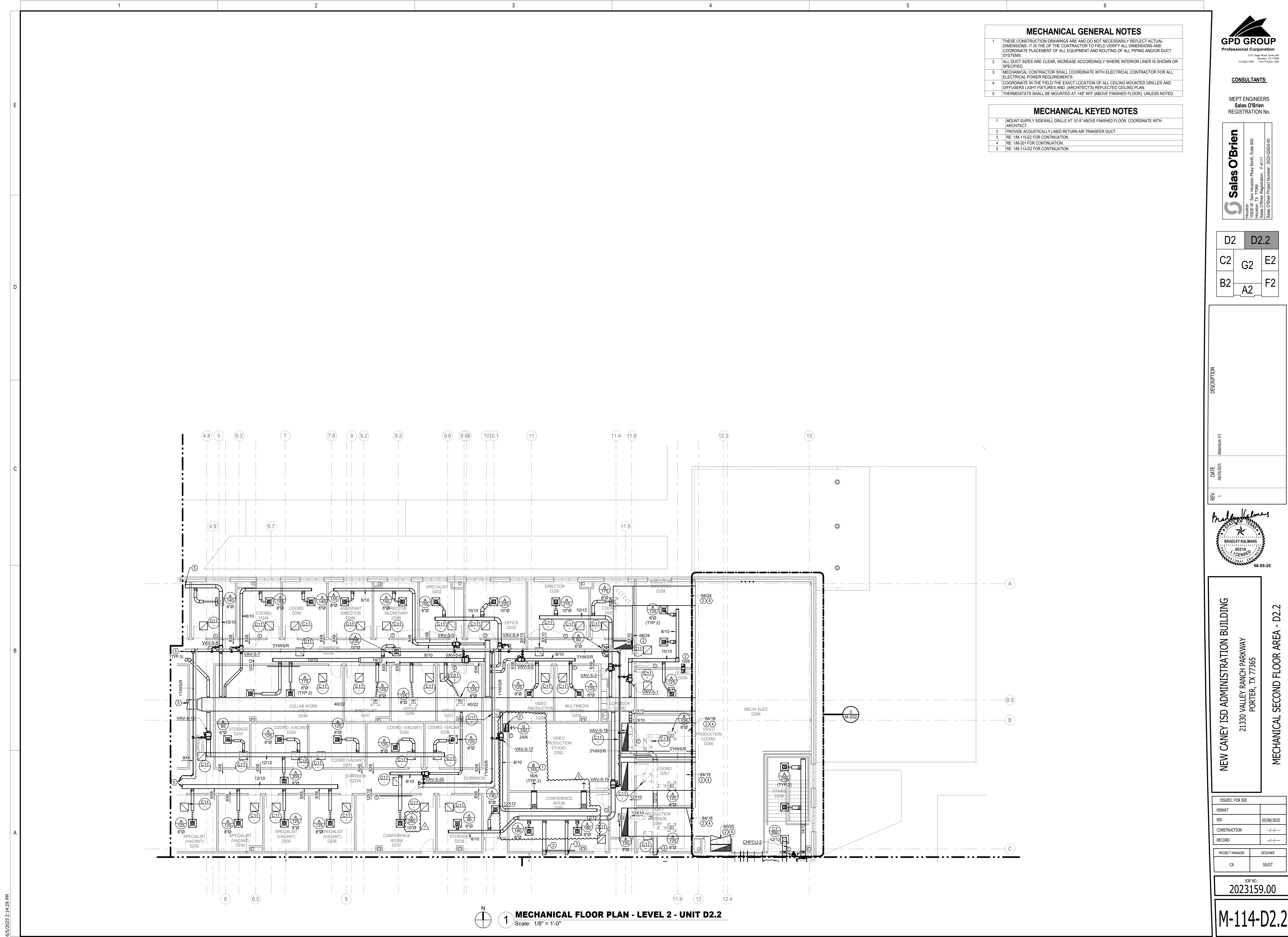
ISSUED FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	---
RECORD	---
PROJECT MANAGER	DESIGNER
CA	SS/GT

JOB NO.
2023159.00

M-113-D2



 **1 MECHANICAL FLOOR PLAN - LEVEL 2 - UNIT D2**
Scale: 1/8" = 1'-0"



MECHANICAL GENERAL NOTES	
1	THESE CONSTRUCTION DRAWINGS ARE AND DO NOT NECESSARILY REFLECT ACTUAL DIMENSIONS. IT IS THE OF THE CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND COORDINATE PLACEMENT OF ALL EQUIPMENT AND ROUTING OF ALL PIPING AND/OR DUCT SYSTEMS.
2	ALL DUCT SIZES ARE CLEAR, INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.
3	MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL POWER REQUIREMENTS.
4	COORDINATE IN THE FIELD THE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS LIGHT FIXTURES AND (ARCHITECT'S) REFLECTED CEILING PLAN.
5	THERMOSTATS SHALL BE MOUNTED AT +48" AFF (ABOVE FINISHED FLOOR), UNLESS NOTED.

MECHANICAL KEYED NOTES	
1	MOUNT SUPPLY SIDEWALL GRILLE AT 10'-0" ABOVE FINISHED FLOOR. COORDINATE WITH ARCHITECT
2	PROVIDE ACOUSTICALLY LINED RETURN AIR TRANSFER DUCT.
3	RE: 1M-115-E2 FOR CONTINUATION.
4	RE: 1M-201 FOR CONTINUATION.
5	RE: 1M-113-D2 FOR CONTINUATION.

2121 Sage Road, Suite 260
Houston, TX 77059
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CONSULTANTS:

MEPT ENGINEERS
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REGISTRATION No.

Salas O'Brien

Houston 10630 W. Sam Houston Pkwy North, Suite 900
77069-1704
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-0284-00

D2		D2.2	
C2	G2		E2
B2	A2		F2

DESCRIPTION
Address #3
DATE 06/05/2025
REV 1

NEW CANEY ISD ADMINISTRATION BUILDING

21330 VALLEY RANCH PARKWAY
PORTER, TX 77365

MECHANICAL SECOND FLOOR AREA - D2.2

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PERMIT	
BID	05/08/2025
CONSTRUCTION	---
RECORD	---
PROJECT MANAGER	DESIGNER
CA	SS/GT

JOB NO.
2023159.00

M-114-D2.2

MECHANICAL GENERAL NOTES	
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2	ALL DUCT SIZES ARE CLEAR. INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.
3	MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL POWER REQUIREMENTS.
4	COORDINATE IN THE FIELD THE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS LIGHT FIXTURES AND (ARCHITECT'S) REFLECTED CEILING PLAN.
5	THERMOSTATS SHALL BE MOUNTED AT +48" AFF. (ABOVE FINISHED FLOOR), UNLESS NOTED.

MECHANICAL KEYED NOTES	
1	ROUTE EXHAUST DUCTWORK UP TO EXHAUST FAN ON ROOF. TRANSITION EXHAUST DUCT TO CONNECT TO EXHAUST FAN OPENING.
2	VERIFY SERVICE CLEARANCE FOR AIR FILTER, FAN SHAFT AND COIL REMOVAL WITH EQUIPMENT MANUFACTURER. PROVIDE REQUIRED CLEARANCES FOR PROPER MAINTENANCE AND OPERATION. COORDINATE WITH ALL TRADES NOT TO OBSTRUCT.
3	ROUTE FULL SIZE CONDENSATE DRAIN PIPE TO FLOOR DRAIN. REFER TO PLUMBING DRAWINGS FOR EXACT LOCATION OF FLOOR DRAIN. INSTALL TRAP AS RECOMMENDED BY MANUFACTURER.
4	ROUTE FULL SIZE CONDENSATE DRAIN PIPE TO FLOOR DRAIN IN MECHANICAL ROOM D265. REFER TO PLUMBING DRAWINGS FOR EXACT LOCATION OF FLOOR DRAIN. INSTALL TRAP AS RECOMMENDED BY MANUFACTURER.
5	EXHAUST FAN (EF-5) SHALL ENERGIZE WHEN TEMPERATURE RISES ABOVE 80°F (ADJ.).
6	PROVIDE ACOUSTICALLY LINED RETURN AIR TRANSFER DUCT.
7	RE 1M-115-F2 FOR CONTINUATION.
8	RE 1M-117-G2 FOR CONTINUATION.
9	PROVIDE HARD WIRED THERMOSTAT.
10	RE 4M-202 FOR CONTINUATION.
11	INTERNALLY LINED RETURN AIR ELBOW.
12	RE 1M-114-D2.2 FOR CONTINUATION.



CONSULTANTS:

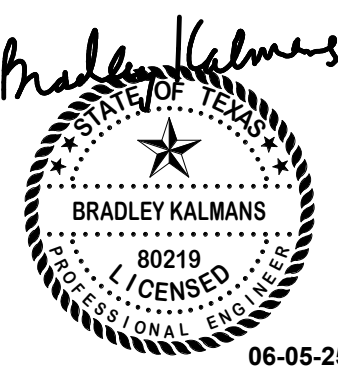
MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.

Salas O'Brien

Houston
16500 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77060
Salas O'Brien Registration: E-411
Salas O'Brien Project Number: 2023-0284-00

D2	D2.2
C2	G2
B2	A2
	E2
	F2

DESCRIPTION	
Address #2	Address #3
DATE	05/30/2025
REV	06/09/2025
1	
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NEW CANEY ISD ADMINISTRATION BUILDING

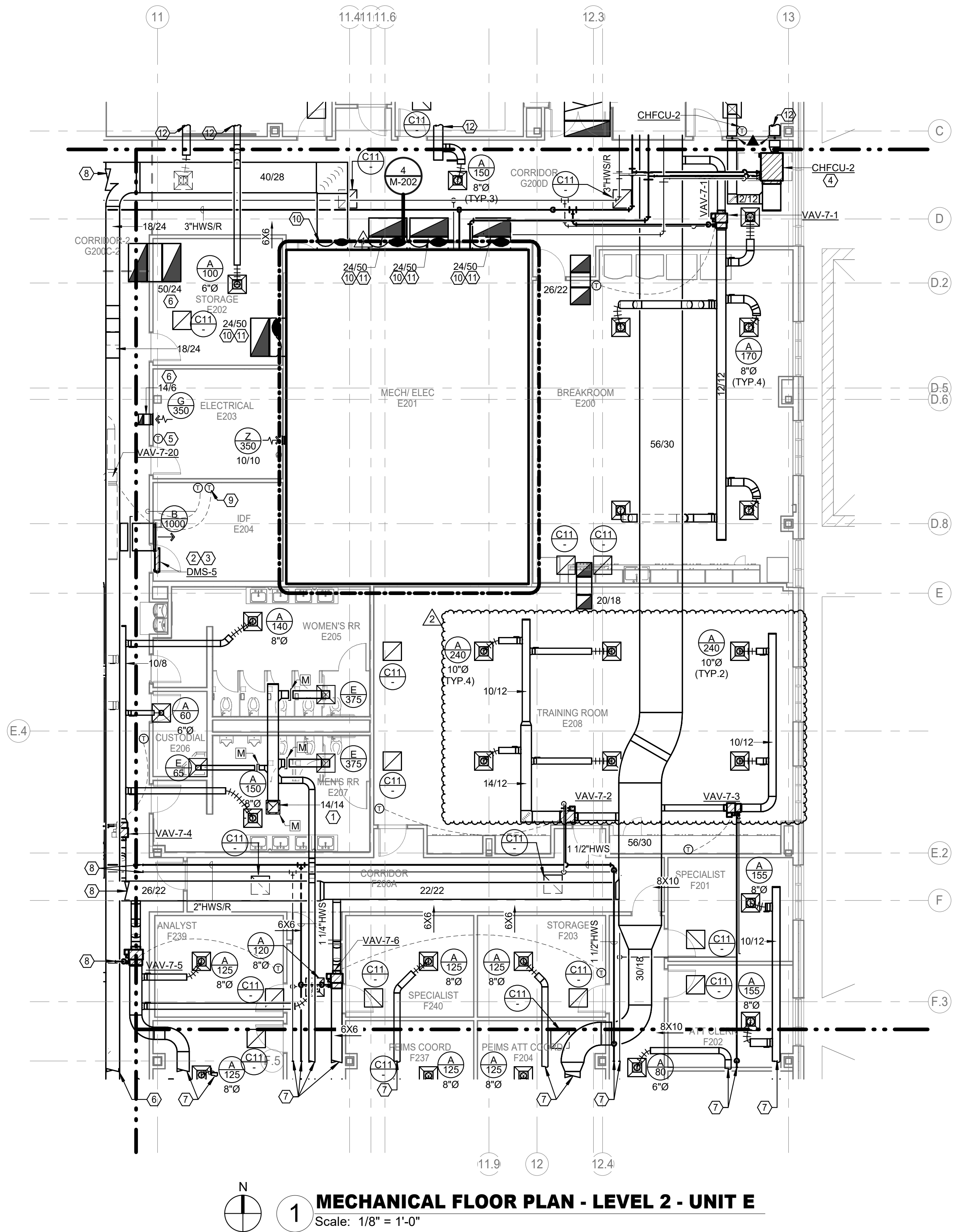
21330 VALLEY RANCH PARKWAY
PORTER, TX 77365

MECHANICAL SECOND FLOOR AREA - E2

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PERMIT	
BID	05/08/2025
CONSTRUCTION	---
RECORD	---
PROJECT MANAGER	DESIGNER
CA	SS/GT

JOB NO.
2023159.00

M-115-E2



1 MECHANICAL FLOOR PLAN - LEVEL 2 - UNIT E
Scale: 1/8" = 1'-0"

E

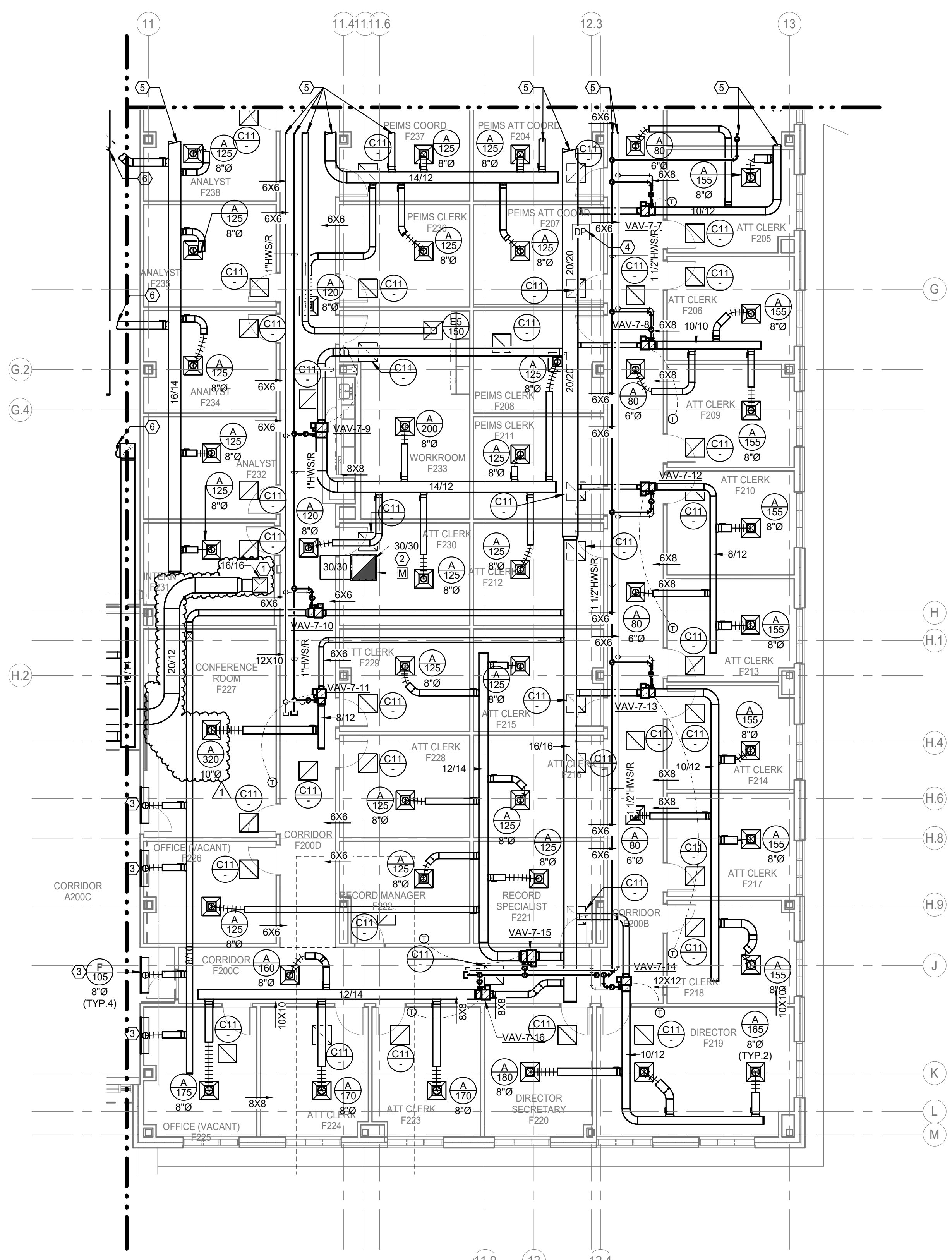
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MECHANICAL FLOOR PLAN - LEVEL 2 - UNIT F
Scale: 1/8" = 1'-0"

- MECHANICAL GENERAL NOTES**
- 1

THESE CONSTRUCTION DRAWINGS ARE AND DO NOT NECESSARILY REFLECT ACTUAL DIMENSIONS. IT IS THE OF THE CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND COORDINATE PLACEMENT OF ALL EQUIPMENT AND ROUTING OF ALL PIPING AND/OR DUCT SYSTEMS.
- 2

ALL DUCT SIZES ARE CLEAR. INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.
- 3

MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL POWER REQUIREMENTS.
- 4

COORDINATE IN THE FIELD THE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS LIGHT FIXTURES AND (ARCHITECT'S) REFLECTED CEILING PLAN.
- 5

THERMOSTATS SHALL BE MOUNTED AT +48" AFF (ABOVE FINISHED FLOOR), UNLESS NOTED.

MECHANICAL KEYED NOTES

1

ROUTE EXHAUST DUCTWORK UP TO EXHAUST FAN ON ROOF. TRANSITION EXHAUST DUCT TO CONNECT TO EXHAUST FAN OPENING.

2

ROUTE RELIEF AIR DUCT UP TO RELIEF VENT ON ROOF.

3

MOUNT SUPPLY SLOT DIFFUSERS AT 9'-9" ABOVE FINISHED FLOOR.

4


REFER TO SPECIFICATIONS. COORDINATE FINAL LOCATION WITH TAB CONTRACTOR & CONTROLS MANUFACTURER. TEST AND RESET MUST BE ACCESSIBLE.

5

RE: 1M-115-E2 FOR CONTINUATION

6

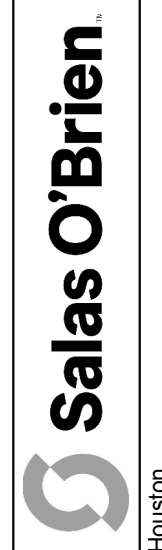
RE: 1M-117-G2 FOR CONTINUATION



GPD GROUP
Professional Corporation
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Houston, TX 77059
713.622.1448 Fax 713.622.1455

CONSULTANTS:

MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.



Salas O'Brien
Houston
16300 Valley Station Pkwy North, Suite 900
Porter, TX 77365
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-10264-00


D2	D2.2
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	F2

DESCRIPTION

Address #3

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06/05/2025

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BRADLEY VALMANS
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21330 VALLEY RANCH PARKWAY
PORTER, TX 77365

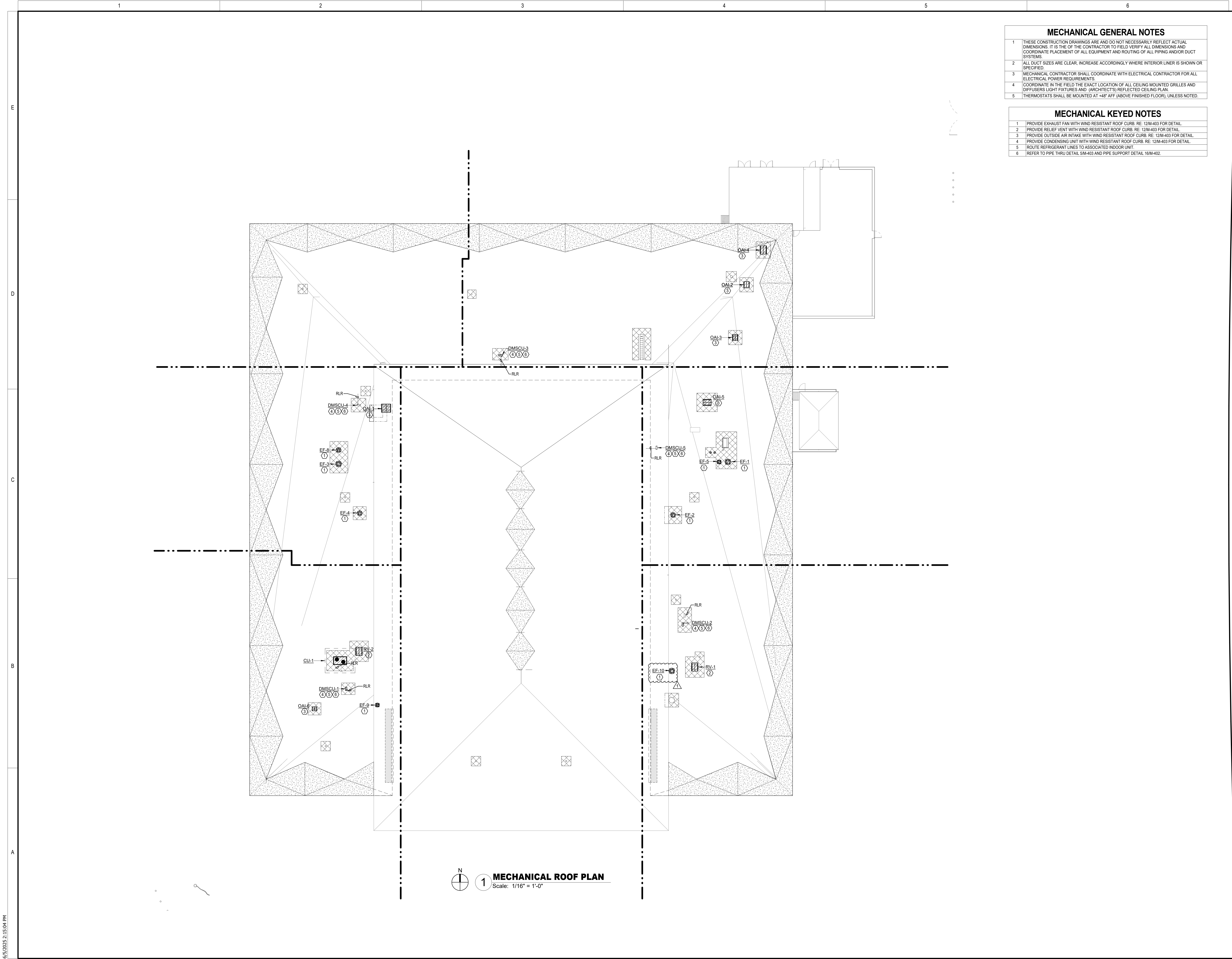
MECHANICAL SECOND FLOOR AREA - F2

ISSUED FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	---
RECORD	---
PROJECT MANAGER	DESIGNER
CA	SS/GT

JOB NO.
2023159.00

M-116-F2

Scale: 1/8" = 1'-0"



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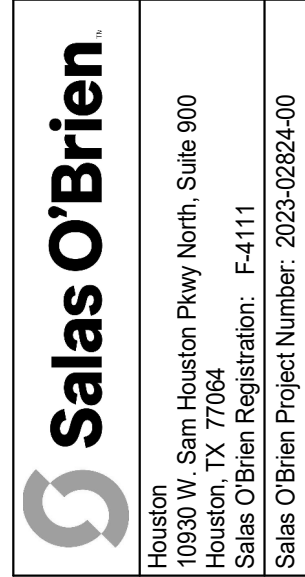
MECHANICAL GENERAL NOTES	
1	THESE CONSTRUCTION DRAWINGS ARE AND DO NOT NECESSARILY REFLECT ACTUAL DIMENSIONS. IT IS THE OF THE CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND COORDINATE PLACEMENT OF ALL EQUIPMENT AND ROUTING OF ALL PIPING AND/OR DUCT SYSTEMS.
2	ALL DUCT SIZES ARE CLEAR, INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.
3	MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL POWER REQUIREMENTS.
4	COORDINATE IN THE FIELD THE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS LIGHT FIXTURES AND (ARCHITECT'S) REFLECTED CEILING PLAN.
5	THERMOSTATS SHALL BE MOUNTED AT +48" AFF (ABOVE FINISHED FLOOR), UNLESS NOTED.

MECHANICAL KEYED NOTES	
1	PROVIDE EXHAUST FAN WITH WIND RESISTANT ROOF CURB. RE: 12M-403 FOR DETAIL.
2	PROVIDE RELIEF VENT WITH WIND RESISTANT ROOF CURB. RE: 12M-403 FOR DETAIL.
3	PROVIDE OUTSIDE AIR INTAKE WITH WIND RESISTANT ROOF CURB. RE: 12M-403 FOR DETAIL.
4	PROVIDE CONDENSING UNIT WITH WIND RESISTANT ROOF CURB. RE: 12M-403 FOR DETAIL.
5	ROUTE REFRIGERANT LINES TO ASSOCIATED INDOOR UNIT.
6	REFER TO PIPE THRU DETAIL 5M-403 AND PIPE SUPPORT DETAIL 16M-402.



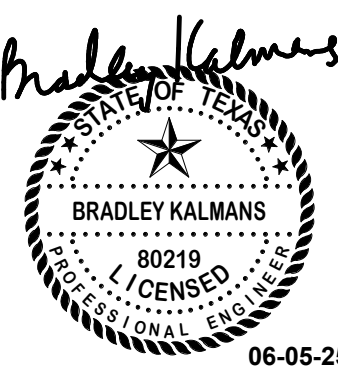
CONSULTANTS:

MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.



D2		
C2	G2	E2
B2	A2	

DESCRIPTION	
Address #3	
DATE	06/05/2025
REV	1



NEW CANEY ISD ADMINISTRATION BUILDING	
21330 VALLEY RANCH PARKWAY	
PORTER, TX 77365	
MECHANICAL ROOF PLAN	

ISSUED FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	---
RECORD	---
PROJECT MANAGER	DESIGNER
CA	SS/GT

JOB NO.
2023159.00

M-118

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1

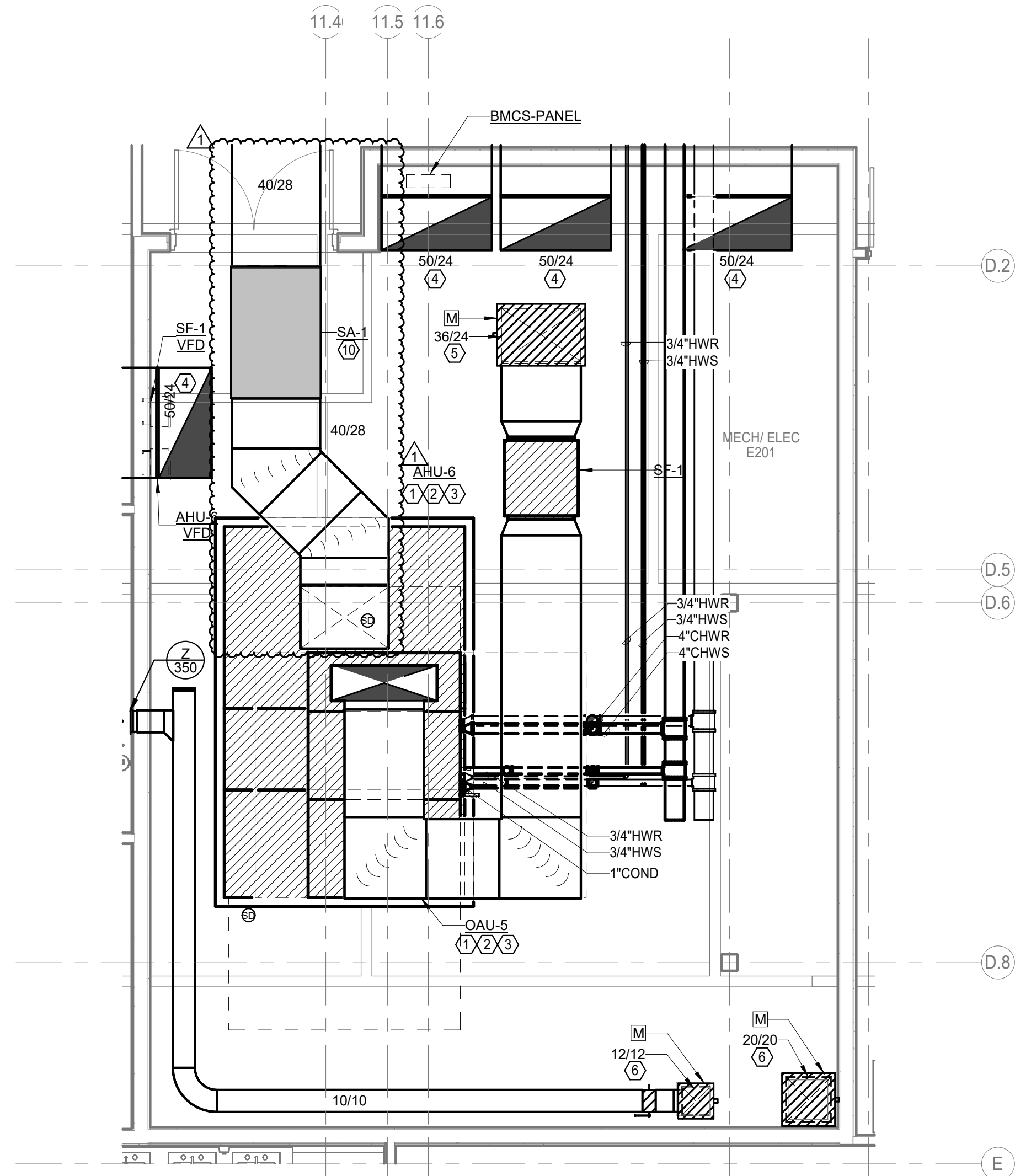
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3

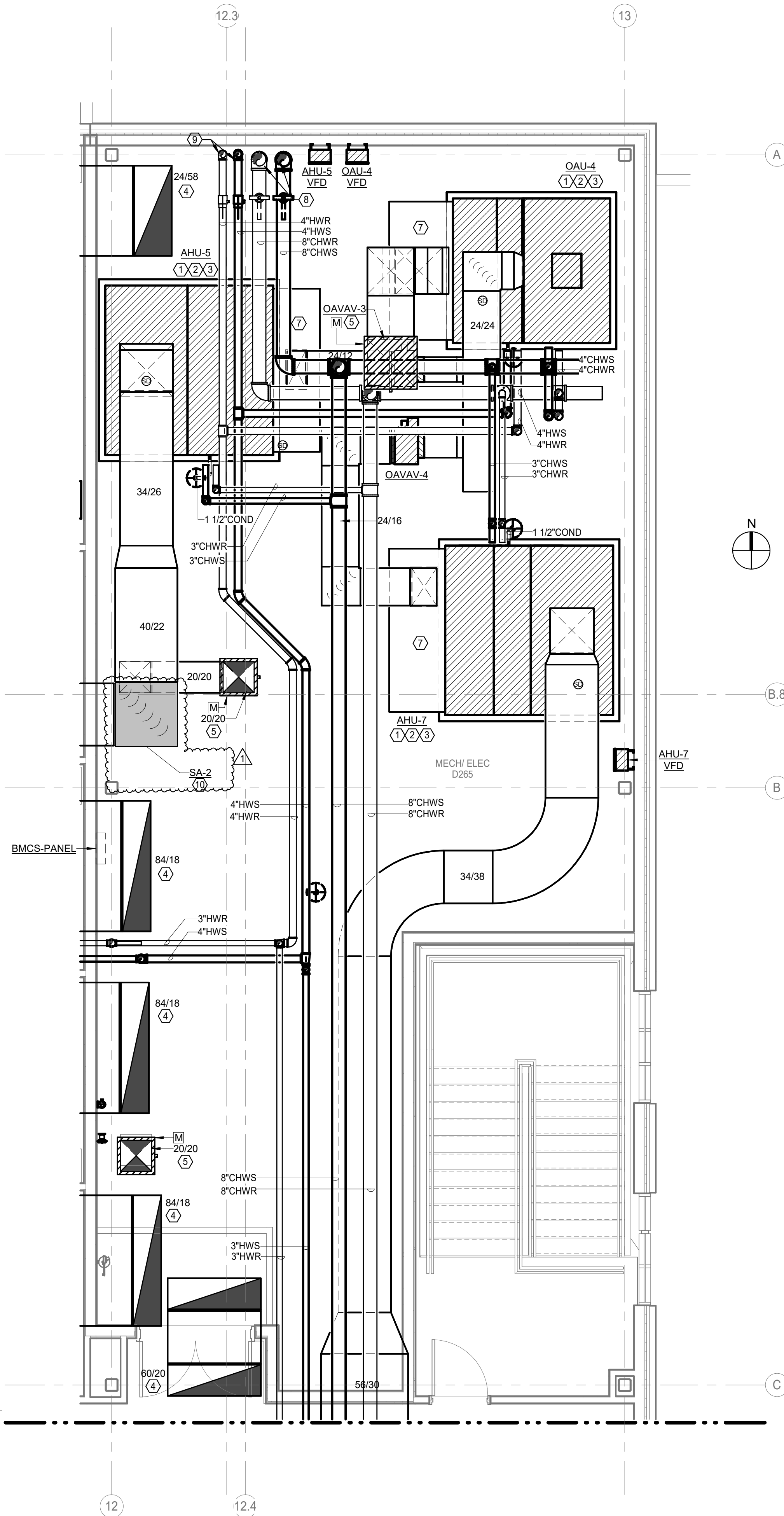
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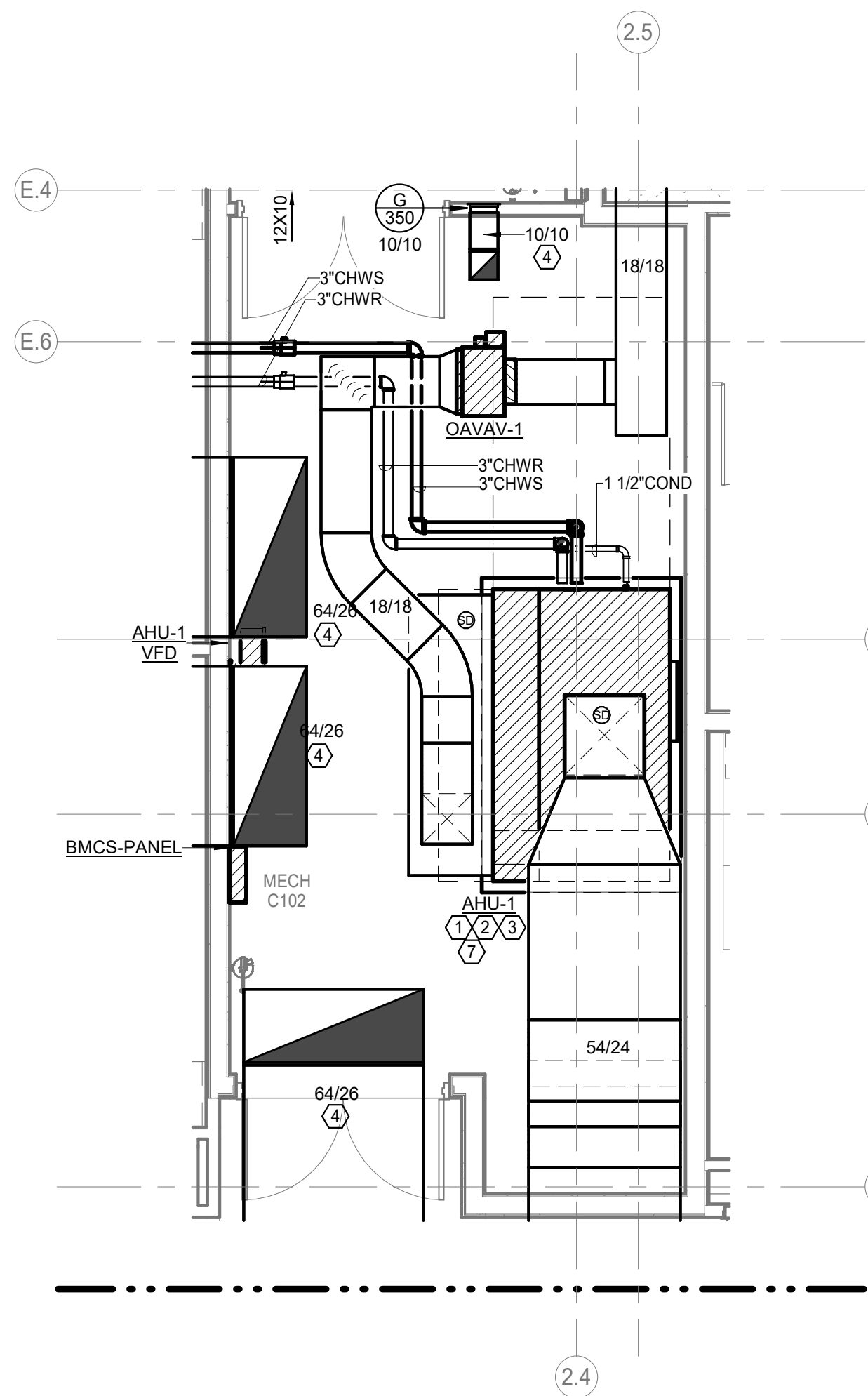
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4 MECHANICAL ENLARGED FLOOR PLAN - LEVEL 2 - UNIT E - MECH/ELEC E201
Scale: 1/4" = 1'-0"

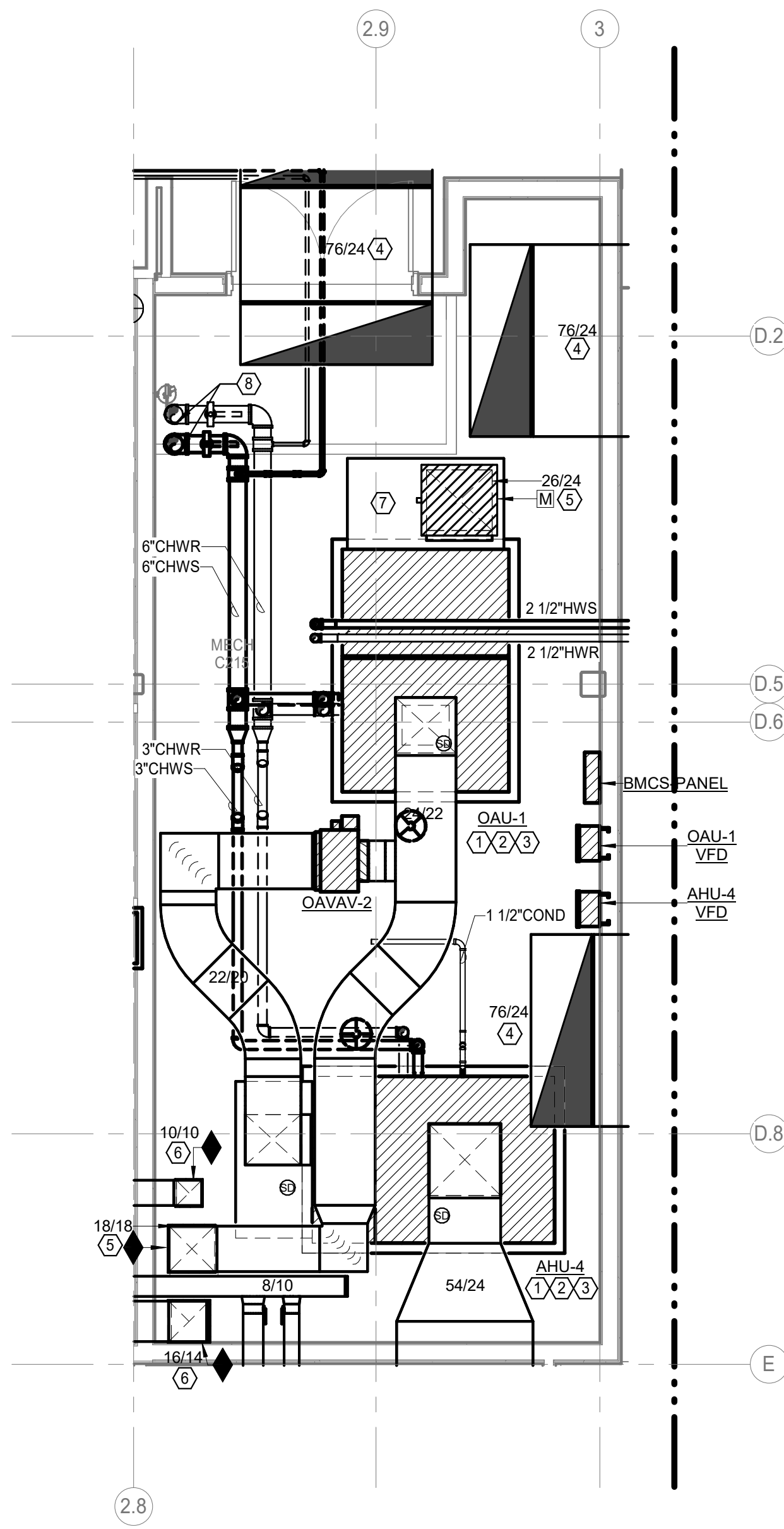


3 MECHANICAL ENLARGED PLAN - LEVEL 2 - UNIT C - MECH/ELEC D265
Scale: 1/4" = 1'-0"



1 MECHANICAL ENLARGED PLAN - LEVEL 1 - UNIT B - C102
Scale: 1/4" = 1'-0"

2 MECHANICAL ENLARGED PLAN - LEVEL 2 - UNIT B - MECH C215
Scale: 1/4" = 1'-0"



MECHANICAL GENERAL NOTES	
1	THESE CONSTRUCTION DRAWINGS ARE AND DO NOT NECESSARILY REFLECT ACTUAL DIMENSIONS. IT IS THE OF THE CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND COORDINATE PLACEMENT OF ALL EQUIPMENT AND ROUTING OF ALL PIPING AND/OR DUCT SYSTEMS.
2	ALL DUCT SIZES ARE CLEAR. INCREASE ACCORDINGLY WHERE INTERIOR LINER IS SHOWN OR SPECIFIED.
3	MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL ELECTRICAL POWER REQUIREMENTS.
4	COORDINATE IN THE FIELD THE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS LIGHT FIXTURES AND (ARCHITECT'S) REFLECTED CEILING PLAN.
5	THERMOSTATS SHALL BE MOUNTED AT +48" AFF (ABOVE FINISHED FLOOR), UNLESS NOTED.

MECHANICAL KEYED NOTES	
1	VERIFY SERVICE CLEARANCE FOR AIR FILTER, FAN SHAFT AND COIL REMOVAL WITH EQUIPMENT MANUFACTURER. PROVIDE REQUIRED CLEARANCES FOR PROPER MAINTENANCE AND OPERATION. COORDINATE WITH ALL TRADES NOT TO OBSTRUCT.
2	ROUTE FULL SIZE CONDENSATE DRAIN PIPE TO FLOOR DRAIN. REFER TO PLUMBING DRAWINGS FOR EXACT LOCATION OF FLOOR DRAIN. INSTALL TRAP AS RECOMMENDED BY MANUFACTURER.
3	PROVIDE 4" CONCRETE HOUSEKEEPING PAD.
4	PROVIDE ACOUSTICALLY LINED RETURN AIR TRANSFER DUCT.
5	ROUTE OUTSIDE AIR DUCTWORK DOWN FROM OUTSIDE AIR INTAKE ON ROOF.
6	ROUTE EXHAUST DUCTWORK UP TO EXHAUST FAN ON ROOF. TRANSITION EXHAUST DUCT TO CONNECT TO EXHAUST FAN OPENING.
7	PROVIDE SHEET METAL PLENUM. FULL SIZE OF UNIT AIR OPENINGS. LENGTH AS REQUIRED FOR ALL DUCT CONNECTIONS AS SHOWN.
8	CHILLED WATER SUPPLY AND RETURN UP FROM FIRST FLOOR BELOW.
9	HOT WATER SUPPLY AND RETURN UP FROM FIRST FLOOR BELOW.
10	REFER TO DUCT ATTENDANT SCHEDULE FOR REQUIRED SOUND SILENCERS PROVIDE TRANSITIONS TO DUCT SILENCERS AS REQUIRED.

CONSULTANTS:

MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.

Salas O'Brien
Houston
10630 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77067
Salas O'Brien Registration: E-4111
Salas O'Brien Project Number: 2023-02824-00

DESCRIPTION

Address #3

DATE

06/05/2025

REV

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NEW CANEY ISD ADMINISTRATION BUILDING

21330 VALLEY RANCH PARKWAY
PORTER, TX 77365

MECHANICAL ENLARGED PLANS

ISSUED FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	---
RECORD	---
PROJECT MANAGER	DESIGNER
CA	SS/GT

JOB NO.
2023159.00

M-202

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VARIABLE VOLUME TERMINAL BOX									
MARK	MAXIMUM CFM	MINIMUM CFM	INLET DIAMETER SIZE (IN.)	HOT WATER COIL GPM	CONNECTING PIPE SIZE	REMARKS			
OA1AV-1	1,880	0	14	-	-	-	-	-	-
OA1AV-2	3,245	0	16	-	-	-	-	-	-
OA1AV-3	1,885	0	14	-	-	-	-	-	-
OA1V-1	2,565	0	16	-	-	-	-	-	-
OA1V-2	1,170	360	12	5.1	1"	-	-	-	-
OA1V-3	985	260	10	4.3	1"	-	-	-	-
OA1V-4	485	180	8	2.1	3/4"	-	-	-	-
OA1V-5	750	260	10	3.3	3/4"	-	-	-	-
OA1V-6	665	180	8	2.9	3/4"	-	-	-	-
OA1V-7	775	260	10	3.4	1"	-	-	-	-
OA1V-8	885	260	10	3.8	1"	-	-	-	-
OA1V-9	1,035	360	10	4.5	1"	-	-	-	-
OA1V-10	465	180	8	2.0	3/4"	-	-	-	-
OA1V-11	370	100	6	1.6	3/4"	-	-	-	-
OA1V-12	340	100	6	1.5	3/4"	-	-	-	-
OA1V-13	340	100	6	1.5	3/4"	-	-	-	-
OA1V-14	655	180	8	2.8	3/4"	-	-	-	-
OA1V-15	500	180	8	2.2	3/4"	-	-	-	-
OA1V-16	100	6	1.5	3/4"	-	-	-	-	-
OA1V-17	1,000	260	10	3.8	1"	-	-	-	-
OA1V-18	425	180	8	1.8	3/4"	-	-	-	-
OA1V-19	1,070	360	10	4.6	1"	-	-	-	-
OA1V-20	620	180	8	2.7	3/4"	-	-	-	-
OA1V-21	750	260	10	3.3	3/4"	-	-	-	-
OA1V-22	650	260	8	2.8	3/4"	-	-	-	-
OA1V-23	765	260	10	3.1	3/4"	-	-	-	-
OA1V-24	730	260	10	3.2	3/4"	-	-	-	-
OA1V-25	595	180	8	2.6	3/4"	-	-	-	-
OA1V-26	750	260	10	3.3	3/4"	-	-	-	-
OA1V-27	805	260	10	3.5	1"	-	-	-	-
OA1V-28	275	260	10	3.5	1"	-	-	-	-
OA1V-29	1,115	360	12	4.8	1"	-	-	-	-
OA1V-30	1,020	360	10	4.6	1"	-	-	-	-
OA1V-31	560	180	8	2.4	3/4"	-	-	-	-
OA1V-32	395	180	8	1.7	3/4"	-	-	-	-
OA1V-33	270	100	6	1.2	3/4"	-	-	-	-
OA1V-34	335	100	6	1.5	3/4"	-	-	-	-
OA1V-35	945	260	10	4.1	1"	-	-	-	-
OA1V-36	700	180	10	3.0	3/4"	-	-	-	-
OA1V-37	675	260	10	3.8	3/4"	-	-	-	-
OA1V-38	570	180	8	2.5	3/4"	-	-	-	-
OA1V-39	795	260	10	3.5	1"	-	-	-	-
OA1V-40	365	100	6	1.6	3/4"	-	-	-	-
OA1V-41	455	180	8	2.0	3/4"	-	-	-	-
OA1V-42	380	180	8	1.5	3/4"	-	-	-	-
OA1V-43	300	180	8	1.2	3/4"	-	-	-	-
OA1V-44	1,305	360	12	5.7	1"	-	-	-	-
OA1V-45	645	180	8	2.8	3/4"	-	-	-	-
OA1V-46	575	180	8	2.5	3/4"	-	-	-	-
OA1V-47	710	260	10	3.1	3/4"	-	-	-	-
OA1V-48	535	180	8	2.3	3/4"	-	-	-	-
OA1V-49	765	180	10	-	-	-	-	-	-
OA1V-50	540	180	8	2.3	3/4"	-	-	-	-
OA1V-51	735	260	10	3.2	3/4"	-	-	-	-
OA1V-52	695	180	8	3.0	3/4"	-	-	-	-
OA1V-53	860	260	10	3.7	1"	-	-	-	-
OA1V-54	810	260	10	3.5	1"	-	-	-	-
OA1V-55	380	100	6	1.7	3/4"	-	-	-	-
OA1V-56	330	100	6	1.4	3/4"	-	-	-	-
OA1V-57	620	180	8	2.7	3/4"	-	-	-	-
OA1V-58	635	180	8	2.8	3/4"	-	-	-	-
OA1V-59	1,045	360	10	4.5	1"	-	-	-	-
OA1V-60	625	180	8	2.7	3/4"	-	-	-	-
OA1V-61	835	260	10	3.6	1"	-	-	-	-
OA1V-62	780	260	10	3.4	1"	-	-	-	-
OA1V-63	1,005	360	12	5.1	1"	-	-	-	-
OA1V-64	1,355	360	12	5.9	1"	-	-	-	-
OA1V-65	1,070	360	10	4.6	1"	-	-	-	-
OA1V-66	310	100	6	1.3	3/4"	-	-	-	-
OA1V-67	665	180	8	2.9	3/4"	-	-	-	-
OA1V-68	440	180	8	1.9	3/4"	-	-	-	-
OA1V-69	615	180	8	2.7	3/4"	-	-	-	-
OA1V-70	305	100	6	1.3	3/4"	-	-	-	-
OA1V-71	305	100	6	1.3	3/4"	-	-	-	-
OA1V-72	425	180	8	1.8	3/4"	-	-	-	-
OA1V-73	280	100	6	1.0	3/4"	-	-	-	-
OA1V-74	320	100	6	1.3	3/4"	-	-	-	-
OA1V-75	420	180	8	1.8	3/4"	-	-	-	-
OA1V-76	1,450	360	12	6.3	1"	-	-	-	-
OA1V-77	825	260	10	3.6	1"	-	-	-	-
OA1V-78	1,155	360	12	5.0	1"	-	-	-	-
OA1V-79	1,345	360	12	5.8	1"	-	-	-	-
OA1V-80	375	100	6	1.6	3/4"	-	-	-	-
OA1V-81	375	100	6	1.6	3/4"	-	-	-	-
OA1V-82	250	100	6	1.1	3/4"	-	-	-	-
OA1V-83	470	180	8	2.0	3/4"	-	-	-	-
OA1V-84	380	100	6	1.7	3/4"	-	-	-	-
OA1V-85	310	100	6	1.3	3/4"	-	-	-	-
OA1V-86	960	260	10	4.2	1"	-	-	-	-
OA1V-87	295	100	6	1.3	3/4"	-	-	-	-
OA1V-88	580	180	8	2.0	3/4"	-	-	-	-
OA1V-89	455	180	8	2.0	3/4"	-	-	-	-
OA1V-90	320	100	6	1.4	3/4"	-	-	-	-
OA1V-91	605	180	8	2.6	3/4"	-	-	-	-
OA1V-92	835	260	10	3.6	1"	-	-	-	-
OA1V-93	360	100	6	1.6	3/4"	-	-	-	-
OA1V-94	390	100	6	1.7	3/4"	-	-	-	-
OA1V-95	1,035	360	10	4.5	1"	-	-	-	-
OA1V-96	780	260	10	3.4	1"	-	-	-	-
OA1V-97	330	100	6	1.4	3/4"	-	-	-	-
OA1V-98	675	180	8	2.6	3/4"	-	-	-	-
OA1V-99	260	100	6	1.3	3/4"	-	-	-	-
OA1V-100	290	100	6	1.3	3/4"	-	-	-	-
OA1V-101	180	8	1.5	3/4"	-	-	-	-	-
OA1V-102	985	260	10	4.3	1"	-	-	-	-
OA1V-103	830	260	10	3.6	1"	-	-	-	-
OA1V-104	990	260	10	4.2	1"	-	-	-	-
OA1V-105	640	180	8	2.8	3/4"	-	-	-	-
OA1V-106	1,340	360	12	5.8	1"	-	-	-	-
OA1V-107	870	260	10	3.8	1"	-	-	-	-
OA1V-108	545	180	8	2.4	3/4"	-	-	-	-
OA1V-109	380	100	6	1.7	3/4"	-	-	-	-
OA1V-110	820	260	10	3.6	1"	-	-	-	-
OA1V-111	420	180	8	1.8	3/4"	-	-	-	-
OA1V-112	330	100	6	1.7	3/4"	-	-	-	-
OA1V-113	545	180	8	2.4	3/4"	-	-	-	-
OA1V-114	510	180	8	2.2	3/4"	-	-	-	-
OA1V-115	875	260	10	3.8	1"	-	-	-	-
OA1V-116	675	180	8	2.9	3/4"	-	-	-	-
OA1V-117	525	180	8	2.3	3/4"	-	-	-	-
OA1V-118	1,000	260	10	4.3	1"	-	-	-	-
OA1V-119	1,300	360	12	5.6	1"	-	-	-	-
OA1V-120	1,000	260	10	-	-	-	-	-	-

- REMARKS:
1. N/A

CONSTANT VOLUME TERMINAL BOX									
MARK	MAXIMUM CFM	MINIMUM CFM	INLET DIAMETER SIZE (IN.)	CURRENT CHARAC.	HOT WATER COIL				REMARKS
				V P F	EAT (°F)	GPM	CONNECTING PIPE SIZE (IN.)		
CVB-6-1	1,200	665	12	277	1	60	64	4.1	1"
CVB-6-2	1,200	665	12	277	1	60	64	4.1	1"
CVB-6-3	1,200	665	12	277	1	60	64	4.1	1"
CVB-6-4	1,800	930	14	277	1	60	65	5.9	1"
CVB-6-5	1,800	930	14	277	1	60	65	5.9	1"
CVB-6-6	1,800	930	14	277	1	60	65	5.9	1"
CVB-6-7	1,800	930	14	277	1	60	65	5.9	1"
CVB-6-8	1,650	835	14	277	1	60	65	5.4	1"
CVB-6-9	1,650	835	14	277	1	60	65	5.4	1"

- GENERAL NOTES:
1. MAXIMUM STATIC PRESSURE DROP OF AIR THROUGH THE TERMINAL BOX SHALL BE 0.2" ESP.
 2. MAXIMUM VELOCITY THROUGH DUCT INLET SHALL BE 2,000 FPM.
 3. MAXIMUM STATIC PRESSURE DROP THROUGH HEATER COIL SHALL BE 0.25" ESP.
 4. MAXIMUM STATIC PRESSURE DROP OF WATER THROUGH HEATER COIL SHALL BE 10" W.G.
 5. BTH REQUIRED FOR HOT WATER HEATING IS HEATING GPM MULTIPLIED BY 10,000.
 6. SUSPEND UNIT WITH FOUR THREADED HANGER RODS ATTACHED TO TWO UNISTRUT RUNNERS SECURED TO STRUCTURE. PROVIDE SPRING ISOLATION. REFER TO MANUFACTURER FOR MORE DETAILS.
 7. UNITS TO BE MOUNTED BETWEEN BEAMS AND 18" MAXIMUM ABOVE CEILING. AVOID MOUNTING OVER LIGHTS WHEREVER POSSIBLE.
 8. REFER TO PIPING AT HOT WATER COIL DETAILS. PROVIDE WITH 2-WAY CONTROL VALVE UNLESS OTHERWISE SCHEDULED.
 9. CVB MOTOR SIZE, BASED ON 0.35" ESP. AS FOLLOWS:
A. 1,400 CFM REQUIRE 1/10 HORSEPOWER MOTOR
B. 40-700 CFM REQUIRE A 1/4 HORSEPOWER MOTOR
C. 701-1100 CFM REQUIRE A 1/2 HORSEPOWER MOTOR
D. 1101-1800 CFM REQUIRE A 3/4 HORSEPOWER MOTOR

REMARKS:

1. N/A

VARIABLE VOLUME TERMINAL BOX (ELECTRIC HEAT)									
MARK	MAXIMUM CFM	MINIMUM CFM	INLET DIAMETER SIZE (IN.)	KW	V	P	F	REMARKS	
VAV-4-19	545	200	8	3	480	3	60	-	-
VAV-4-20	1,200	500	12	7	480	3	60	-	-
VAV-4-21	1,430	500	12	7	480	3	60	-	-

- GENERAL NOTES:
1. MAXIMUM STATIC PRESSURE DROP OF AIR THROUGH THE TERMINAL BOX SHALL BE 0.2" W.G.
 2. MAXIMUM VELOCITY THROUGH DUCT INLET SHALL BE 2,000 FPM.
 3. SUSPEND UNIT WITH FOUR THREADED HANGER RODS ATTACHED TO TWO UNISTRUT RUNNERS SECURED TO STRUCTURE. REFER TO MANUFACTURER FOR MORE DETAILS.
 4. UNITS TO BE MOUNTED BETWEEN BEAMS AND 18" MAXIMUM ABOVE CEILING. AVOID MOUNTING OVER LIGHTS WHEREVER POSSIBLE.

REMARKS:

1. N/A

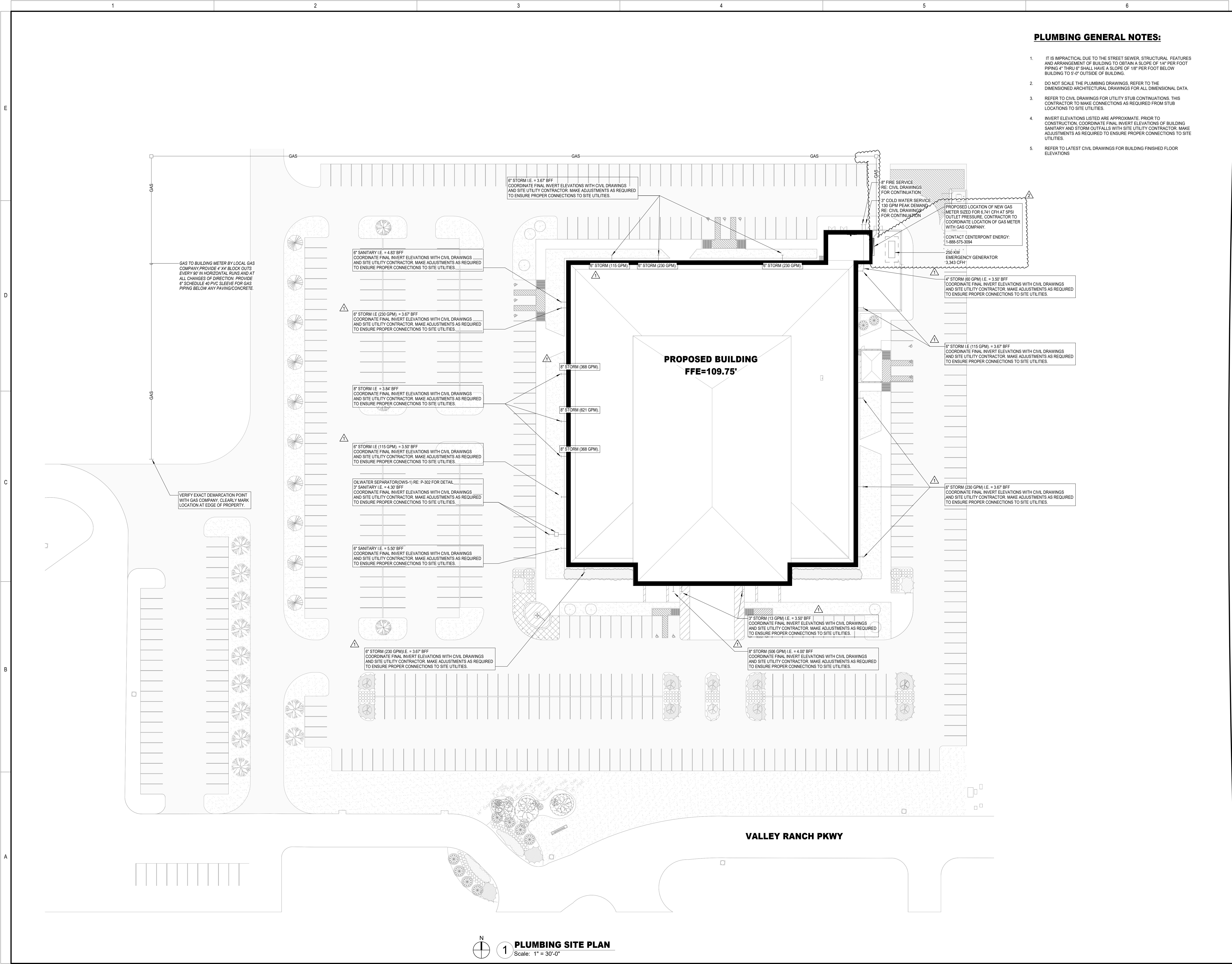
UNIT HEATER - ELECTRIC									
MARK	MINIMUM CAPACITY (BTU/H)	KW	NUMBER STAGES	CURRENT CHAR.	V	P	F	CFM	MANUFACTURER
EUH-1	17,060	5	1	208	1	60	400	MARKEL	5100
EUH-2	17,060	5	1	208	1	60	400	MARKEL	5100

- REMARKS:
1. N/A

DUCT ATTENUATORS									
MARK	SERVES	TYPE	WIDTH	HEIGHT	LENGTH H	CFM	MAX. DP (IN. W.G.)	MANUFACTURER	REMARKS
SA-1	AHU-4 SUPPLY	RD-MV	40"	28"	60"	14,100	0.25	VIBRO-ACOUSTICS	1
SA-2	AHU-5 SUPPLY	RED-MV	40"	22"	40"	11,800	0.25	VIBRO-ACOUSTICS	2

- GENERAL NOTES:
1. MAXIMUM STATIC PRESSURE DROP OF AIR THROUGH THE SILENCERS SHALL NOT EXCEED 0.25" W.G. ESP.
 2. PROVIDE WITH GALVANIZED LOCKFORMED CASING CONSTRUCTED TO SMACNA STANDARDS

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PLUMBING GENERAL NOTES:

- IT IS IMPRACTICAL DUE TO THE STREET SEWER, STRUCTURAL FEATURES AND ARRANGEMENT OF BUILDING TO OBTAIN A SLOPE OF 1/4" PER FOOT PIPING 4" THRU 6" SHALL HAVE A SLOPE OF 1/8" PER FOOT BELOW BUILDING TO 5'-0" OUTSIDE OF BUILDING.
- DO NOT SCALE THE PLUMBING DRAWINGS, REFER TO THE DIMENSIONED ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONAL DATA.
- REFER TO CIVIL DRAWINGS FOR UTILITY STUB CONTINUATIONS. THIS CONTRACTOR TO MAKE CONNECTIONS AS REQUIRED FROM STUB LOCATIONS TO SITE UTILITIES.
- INVERT ELEVATIONS LISTED ARE APPROXIMATE, PRIOR TO CONSTRUCTION, COORDINATE FINAL INVERT ELEVATIONS OF BUILDING SANITARY AND STORM OUTFALLS WITH SITE UTILITY CONTRACTOR. MAKE ADJUSTMENTS AS REQUIRED TO ENSURE PROPER CONNECTIONS TO SITE UTILITIES.
- REFER TO LATEST CIVIL DRAWINGS FOR BUILDING FINISHED FLOOR ELEVATIONS

GPD GROUP
Professional Corporation
2121 Sage Road, Suite 260
Houston, TX 77059
713.622.1448 Fax 713.622.1455

CONSULTANTS:

MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.

Salas O'Brien
Houston
10630 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77066
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-10264-00

DESCRIPTION

Address #1
Address #3

DATE
05/20/2025
06/09/2025

REV
1
2

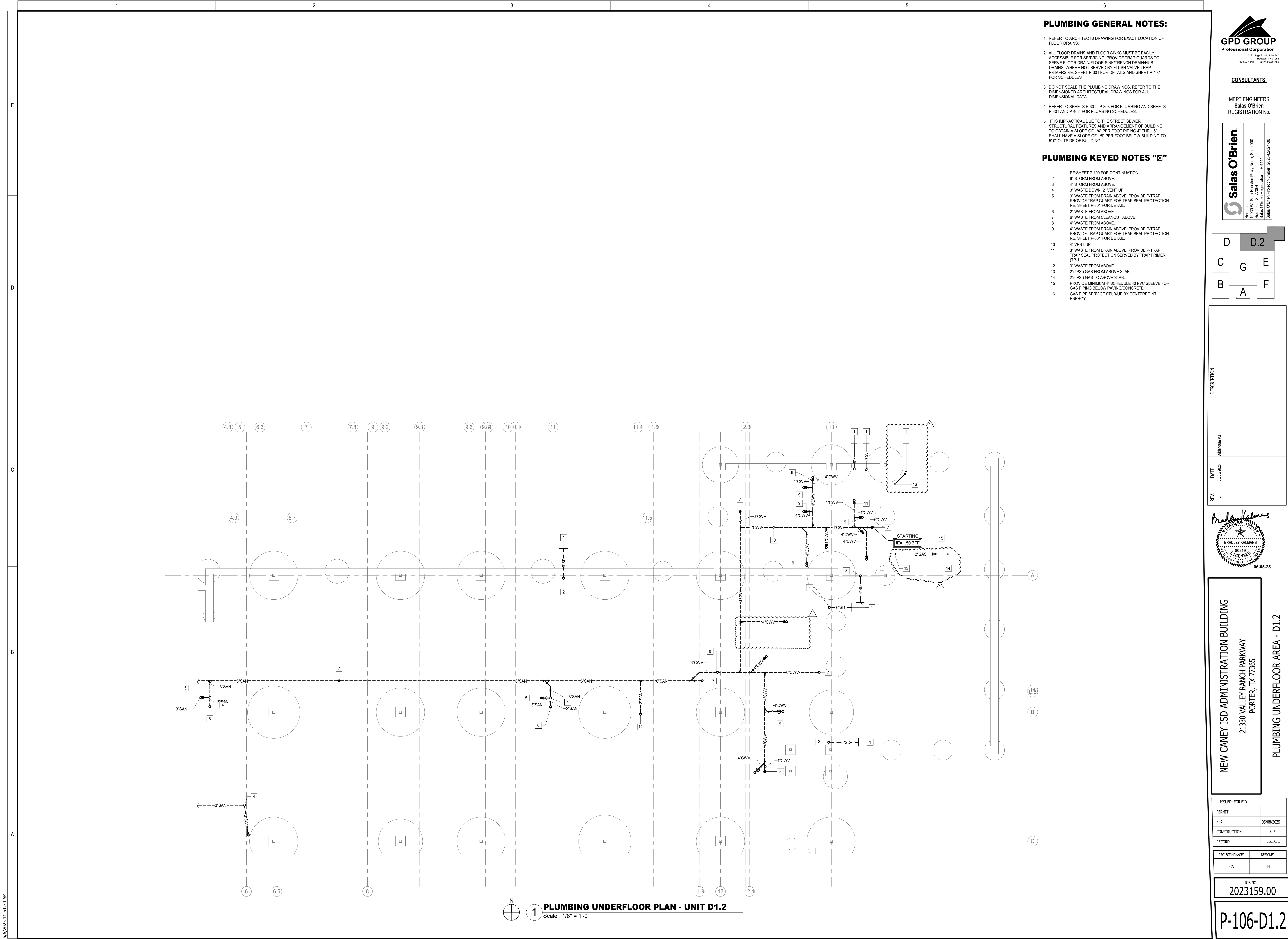
NEW CANEY ISD ADMINISTRATION BUILDING
21330 VALLEY RANCH PARKWAY
PORTER, TX 77365

PLUMBING SITE PLAN

ISSUED FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	---
RECORD	---
PROJECT MANAGER	DESIGNER
CA	JH

JOB NO.
2023159.00

P-100



PLUMBING GENERAL NOTES:

1. REFER TO ARCHITECTS DRAWING FOR EXACT LOCATION OF FLOOR DRAINS.
2. ALL FLOOR DRAINS AND FLOOR SINKS MUST BE EASILY ACCESSIBLE FOR SERVICING. PROVIDE TRAP GUARDS TO SERVE FLOOR DRAIN/FLOOR SINK/TRENCH DRAIN/HUB DRAINS, WHERE NOT SERVED BY FLUSH VALVE. TRAP PRIMERS RE: SHEET P-301 FOR DETAILS AND SHEET P-402 FOR SCHEDULES.
3. DO NOT SCALE THE PLUMBING DRAWINGS. REFER TO THE DIMENSIONED ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONAL DATA.
4. REFER TO SHEETS P-301 - P-303 FOR PLUMBING AND SHEETS P-401 AND P-402 FOR PLUMBING SCHEDULES.
5. IT IS IMPRACTICAL DUE TO THE STREET SEWER STRUCTURAL FEATURES AND ARRANGEMENT OF BUILDING TO OBTAIN A SLOPE OF 1/4" PER FOOT PIPING 4" THRU 6" SHALL HAVE A SLOPE OF 1/8" PER FOOT BELOW BUILDING TO 5'-0" OUTSIDE OF BUILDING.

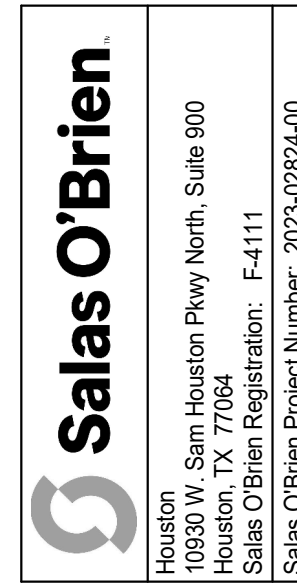
PLUMBING KEYED NOTES "☒"

- 1 RE-SHEET P-100 FOR CONTINUATION
- 2 6" STORM FROM ABOVE.
- 3 4" STORM FROM ABOVE.
- 4 3" WASTE DOWN, 2" VENT UP
- 5 3" WASTE FROM DRAIN ABOVE. PROVIDE P-TRAP. PROVIDE TRAP GUARD FOR TRAP SEAL PROTECTION. RE: SHEET P-301 FOR DETAIL.
- 6 2" WASTE FROM ABOVE.
- 7 6" WASTE FROM CLEANOUT ABOVE.
- 8 4" WASTE FROM ABOVE.
- 9 4" WASTE FROM DRAIN ABOVE. PROVIDE P-TRAP. PROVIDE TRAP GUARD FOR TRAP SEAL PROTECTION. RE: SHEET P-301 FOR DETAIL.
- 10 4" VENT UP.
- 11 3" WASTE FROM DRAIN ABOVE. PROVIDE P-TRAP. TRAP SEAL PROTECTION SERVED BY TRAP PRIMER (TP-1)
- 12 3" WASTE FROM ABOVE.
- 13 2"(SPSI) GAS FROM ABOVE SLAB.
- 14 2"(SPSI) GAS TO ABOVE SLAB.
- 15 PROVIDE MINIMUM 4" SCHEDULE 40 PVC SLEEVE FOR GAS PIPING BELOW PAVING/CONCRETE.
- 16 GAS PIPE SERVICE STUB-UP BY CENTERPOINT ENERGY.



CONSULTANTS:

MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.



D	D.2
C	G
B	A
	F

DESCRIPTION

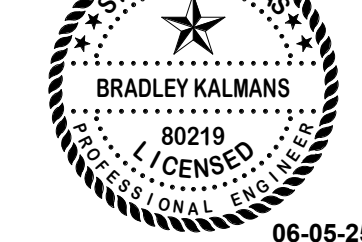
Address #3

DATE

REV

06/09/2025

1



NEW CANEY ISD ADMINISTRATION BUILDING

21330 VALLEY RANCH PARKWAY
PORTER, TX 77365

PLUMBING UNDERFLOOR AREA - D1.2

ISSUED: FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	---
RECORD	---
PROJECT MANAGER	DESIGNER
CA	JH

JOB NO.
2023159.00

P-106-D1.2

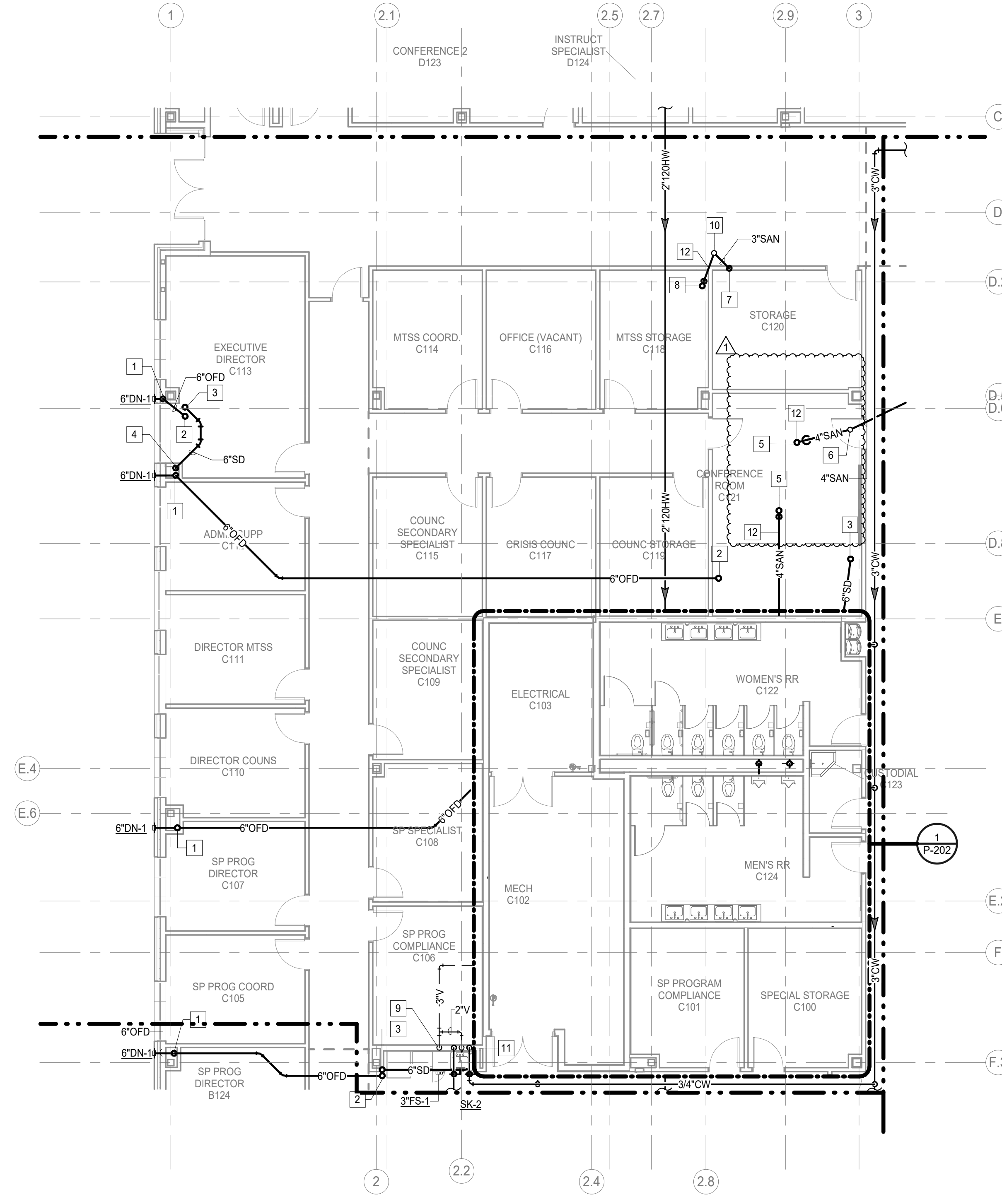
FIRE SPRINKLER NOTE:
LICENSED SPRINKLER ENGINEER OR LICENSED SPRINKLER CONTRACTOR, TO PROVIDE DRAWINGS AND HYDRAULIC CALCULATIONS FOR AN AUTOMATIC FIRE SPRINKLER SYSTEM FOR THIS BUILDING, TO COMPLY WITH SPACE LAYOUT, NFPA 13, ALL STATE AND LOCAL CODE REQUIREMENTS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. ALL SPRINKLER PIPING TO BE CONCEALED. DO NOT ROUTE SPRINKLER PIPING EXPOSED IN HIGH VOLUME AREAS. ROUTE ALL PIPING THROUGH OR TIGHT TO STRUCTURE. PROVIDE SPRINKLER HEAD COVER TO MATCH CEILING FINISH.

PLUMBING GENERAL NOTES:

- REFER TO ARCHITECTS DRAWING FOR EXACT LOCATION OF FLOOR DRAINS.
- ALL FLOOR DRAINS AND FLOOR SINKS MUST BE EASILY ACCESSIBLE FOR SERVICING. PROVIDE TRAP GUARDS TO SERVE FLOOR DRAIN/FLOOR SINK/TRENCH DRAIN/HUB DRAINS, WHERE NOT SERVED BY FLUSH VALVE TRAP PRIMERS RE: SHEET P-301 FOR DETAILS AND SHEET P-402 FOR SCHEDULES.
- DO NOT SCALE THE PLUMBING DRAWINGS. REFER TO THE DIMENSIONED ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONAL DATA.
- REFER TO SHEETS P-301 - P-303 FOR PLUMBING AND SHEETS P-401 AND P-402 FOR PLUMBING SCHEDULES.

PLUMBING KEYED NOTES "☒"

- 6" OVERFLOW DOWN. EXTEND AND CONNECT TO DOWNSPOUT NOZZLE (DN-1). RE: SHEET P-301 FOR DOWNSPOUT NOZZLE DETAIL.
- 6" OVERFLOW FROM ABOVE.
- 6" STORM FROM ABOVE.
- 6" STORM DOWN TO BELOW SLAB.
- 4" WASTE FROM DRAIN ABOVE. PROVIDE P-TRAP. PROVIDE TRAP GUARD FOR TRAP SEAL PROTECTION. RE: SHEET P-301 FOR DETAIL.
- 4" WASTE DOWN. 2" VENT UP.
- 3" WASTE DOWN TO BELOW SLAB.
- 3" WASTE FROM DRAIN ABOVE. PROVIDE P-TRAP. PROVIDE TRAP GUARD FOR TRAP SEAL PROTECTION. RE: SHEET P-301 FOR DETAIL.
- 3" VENT UP FROM BELOW SLAB.
- 3" WASTE DOWN. 2" VENT UP.
- DROP 3/4" HOT AND COLD WATER DOWN. RISE 2" VENT UP. 2" WASTE DOWN AND ROUGH-IN TO FIXTURE(S). EXTEND 1/2" CW TO RVB-1 AND CONNECT. RE: DETAIL SHEET P-303 FOR UNDER COUNTER ICE MACHINE DETAIL.
- WASTE PIPING ROUTED IN CEILING.



1 PLUMBING FLOOR PLAN - LEVEL 1 - UNIT C
Scale: 1/8" = 1'-0"



CONSULTANTS:

MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.

Houston
14630 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-10284-00

D	D.2
C	G
B	A
	F

DESCRIPTION
Address #3
DATE 06/05/2025
REV 1

06-05-25

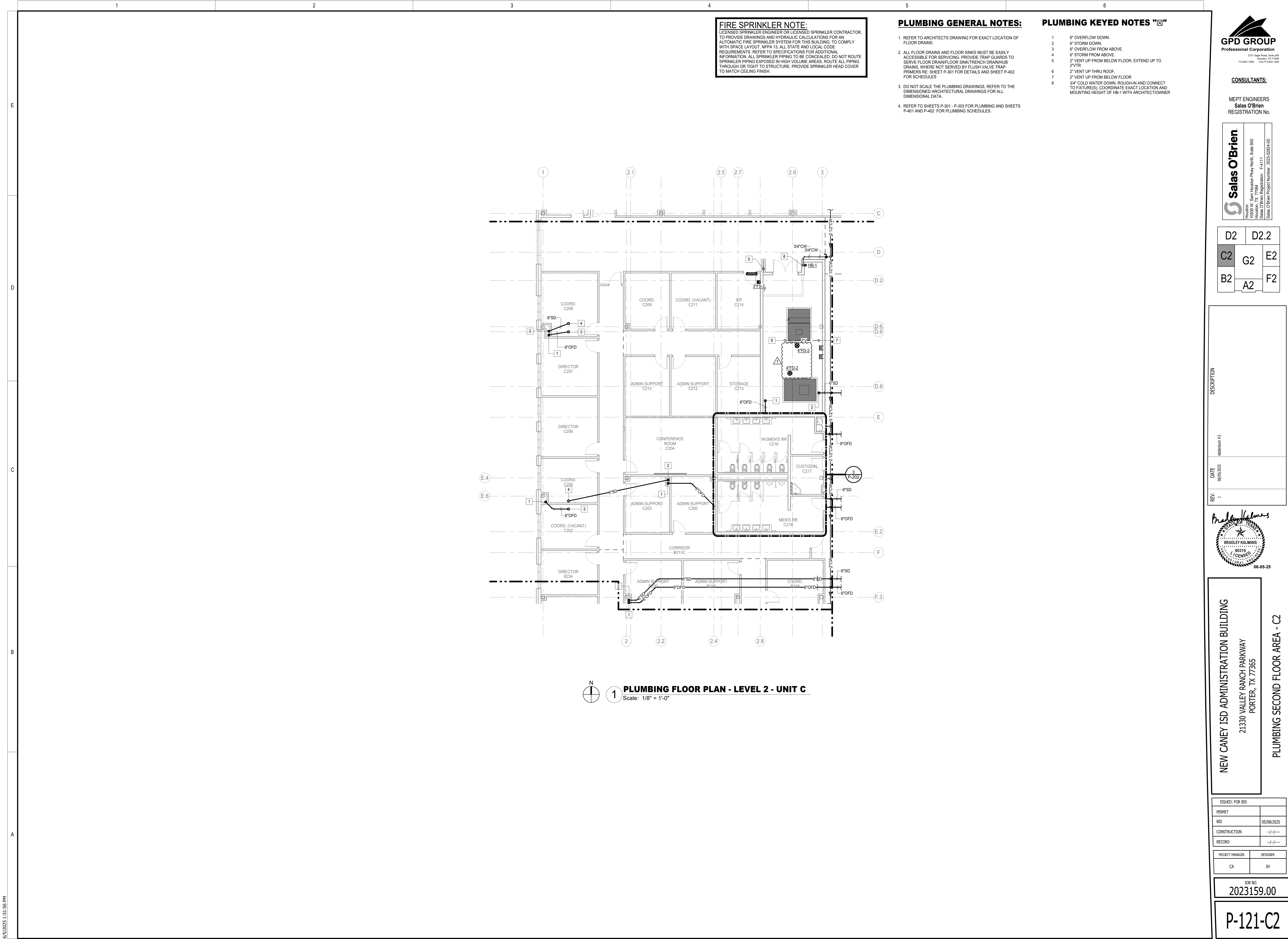
NEW CANEY ISD ADMINISTRATION BUILDING
21330 VALLEY RANCH PARKWAY
PORTER, TX 77365

PLUMBING FIRST FLOOR AREA - C1

ISSUED FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	---
RECORD	---
PROJECT MANAGER	DESIGNER
CA	JH

JOB NO.
2023159.00

P-112-C1



FIRE SPRINKLER NOTE:
LICENSED SPRINKLER ENGINEER OR LICENSED SPRINKLER CONTRACTOR, TO PROVIDE DRAWINGS AND HYDRAULIC CALCULATIONS FOR AN AUTOMATIC FIRE SPRINKLER SYSTEM FOR THIS BUILDING, TO COMPLY WITH SPACE LAYOUT, NFPA 13, ALL STATE AND LOCAL CODE REQUIREMENTS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. ALL SPRINKLER PIPING TO BE CONCEALED. DO NOT ROUTE SPRINKLER PIPING EXPOSED IN HIGH VOLUME AREAS. ROUTE ALL PIPING THROUGH OR TIGHT TO STRUCTURE. PROVIDE SPRINKLER HEAD COVER TO MATCH CEILING FINISH.

- PLUMBING GENERAL NOTES:**
- REFER TO ARCHITECTS DRAWING FOR EXACT LOCATION OF FLOOR DRAINS.
 - ALL FLOOR DRAINS AND FLOOR SINKS MUST BE EASILY ACCESSIBLE FOR SERVICING. PROVIDE TRAP GUARDS TO SERVE FLOOR DRAIN/FLOOR SINK/TRENCH DRAIN/HUB DRAINS, WHERE NOT SERVED BY FLUSH VALVE TRAP PRIMERS RE: SHEET P-301 FOR DETAILS AND SHEET P-402 FOR SCHEDULES.
 - DO NOT SCALE THE PLUMBING DRAWINGS. REFER TO THE DIMENSIONED ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONAL DATA.
 - REFER TO SHEETS P-301 - P-303 FOR PLUMBING AND SHEETS P-401 AND P-402 FOR PLUMBING SCHEDULES.
- PLUMBING KEYED NOTES "☒"**
- | | |
|---|---|
| 1 | 6" OVERFLOW DOWN. |
| 2 | 6" STORM DOWN. |
| 3 | 6" OVERFLOW FROM ABOVE. |
| 4 | 6" STORM FROM ABOVE. |
| 5 | 2" VENT UP FROM BELOW FLOOR; EXTEND UP TO 2" VTR. |
| 6 | 2" VENT UP THRU ROOF. |
| 7 | 2" VENT UP FROM BELOW FLOOR. |
| 8 | 3/4" COLD WATER DOWN, ROUGH-IN AND CONNECT TO FIXTURE(S). COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF HB-1 WITH ARCHITECT/OWNER. |



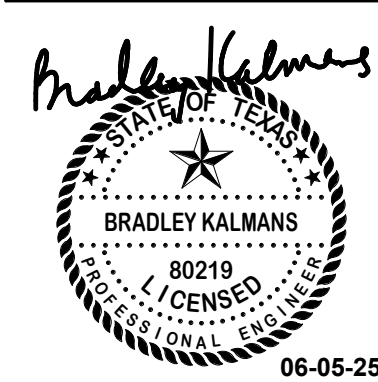
CONSULTANTS:

MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.

Salas O'Brien.
Houston, Texas
10630 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77067
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-10284-00

D2	D2.2
C2	G2
B2	A2
	E2
	F2

DESCRIPTION
Address #3
DATE 06/09/2025
REV 1



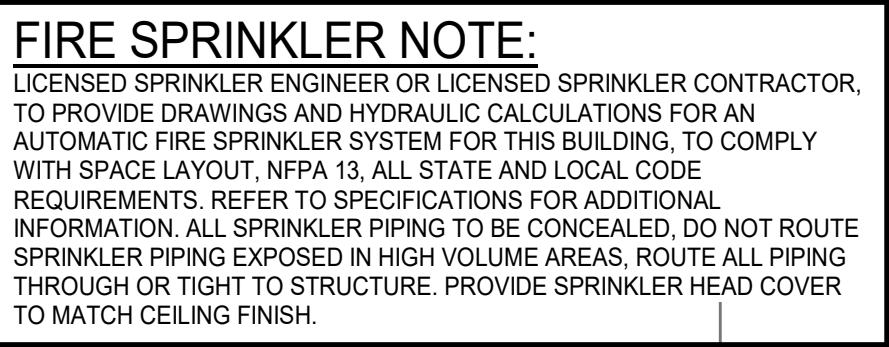
NEW CANEY ISD ADMINISTRATION BUILDING
21330 VALLEY RANCH PARKWAY
PORTER, TX 77365

PLUMBING SECOND FLOOR AREA - C2

ISSUED: FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	---
RECORD	---
PROJECT MANAGER	DESIGNER
CA	JH

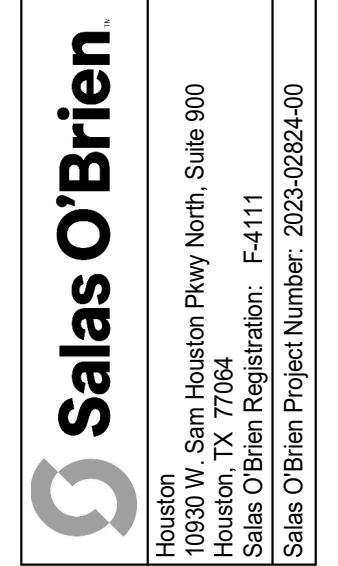
JOB NO.
2023159.00

P-121-C2




PLUMBING KEYED NOTES "X"

- 3" STORM FLOW FROM ABOVE.
- 6" OVERFLOW FROM ABOVE.
- 2" OVERFLOW DRAIN, EXTEND AND CONNECT TO DOWNSPOUT NOZZLE(DN=1). REF. SHEET P-301 FOR DOWNSPOUT NOZZLE DETAIL.
- 5" STORM DRAIN TO BEAT 1" DRAIN.
- 6" STORM DOWN TO BELOW SLAB.
- 6" OVERFLOW DOWN, EXTEND AND CONNECT TO DOWNSPOUT NOZZLE(DN=1). REF. SHEET P-301 FOR DOWNSPOUT NOZZLE DETAIL.
- 7" WASTE FROM DRAIN ABOVE. PROVIDE P-TRAP. PROVIDE TRAP GUARD FOR TRAP SEAL PROTECTION. REF. SHEET P-301 FOR TRAP GUARD DETAIL.
- 7" WASTE FROM CLEANSUIT ABOVE.
- 4" VENT UP FROM BELOW FLOOR, UP TO 4" VTR.
- 4" OVERFLOW FROM ABOVE.
- 1" NAILING COLD WATER ENTRY. REF. SHEET P-301 FOR DETAIL.
- 2" FIRE ENTRY. REF. DETAIL SHEET P-303 FOR ENTRY DETAIL.
- 6" OVERFLOW FROM ABOVE.
- 3" COLD WATER UP TO FLOOR ABOVE.
- 1-1/2" COLD WATER FOR COLD WATER MAKE-UP. ROUTE THRU BACKFLOW PREVENTER(BP=1) AND PROVIDE SUB-METER. REF. SHEET P501 FOR DETAIL.
- 3/4" COLD WATER DOWN, ROUGH-IN AND CONNECT TO FLOOR(S). COORDINATE EXACT MOUNTING HEIGHT OF HB-1 WITH ARCHITECT/WORKMAN.
- 3/4" COLD WATER DOWN, ROUGH-IN AND ROUGH-IN TO FLOOR(S). COORDINATE EXACT MOUNTING HEIGHT OF HB-1 WITH ARCHITECT/WORKMAN.
- 1-1/2" COLD WATER FOR COLD WATER MAKE-UP. ROUTE THRU BACKFLOW PREVENTER(BP=1). REF. SHEET P-301 FOR BACKFLOW PREVENTER DETAIL.
- 1-1/2" COLD WATER FOR COLD WATER MAKE-UP. ROUTE THRU BACKFLOW PREVENTER(BP=1). REF. SHEET P-301 FOR BACKFLOW PREVENTER DETAIL.
- 2" DRAIN VALVED, 2" HOT(140°) AND COLD WATER DOWN TO (TM=1) AND RISE 2" HOT(120°) WATER TO SERVE BUILDING FIXTURES. REF. SHEET P-302 FOR DETAIL.
- REF. SHEET P-401 FOR DETAIL.
- REF. DETAIL SHEET P-302 FOR WATER HEATING PIPING DIAGRAM AND VALVING.
- REF. PLUMBING DETAIL SHEET P-302 FOR CIRCULATORY PUMP PIPING DETAIL. MOUNT ON WALL NO MORE THAN 6" AFF.
- 2" GAS SERVICE STUB-UP BY CENTERTOP ENGINEERING.
- 2" GAS SERVICE.
- PROPOSED NEW NATURAL GAS METER AND REGULATOR SET LOCATION, COORDINATE LOCATION AND INSTALLATION WITH CENTERTOP ENGINEERING IN ADVANCE. MAKE ADJUSTMENTS AS REQUIRED. TOTAL CONNECTED LOAD: 6.75 THERM. UNITS @ 1/2" PSIG OUTLET PRESSURE. REF. SHEET P-303 FOR DETAIL.
- SET REGULATOR FROM 5 PSIG TO 8 OUNCE. REFER TO SHEET P-303 FOR DETAIL.
- CONNECT GAS PIPING TO EQUIPMENT WITH UNION AND PLUG VALVE. REFER TO SHEET P502 FOR DETAIL.
- 2" GAS, OFFSET AND EXTEND THRU EXTERIOR WALL. RISE 2" GAS AND EXTEND UP TO EQUIPMENT. REF. SHEET P-302 FOR SLEEVE THRU EXTERIOR WALL DETAIL.
- 2"(PSIG) GAS TO BELOW SLAB.
- CONNECT GAS PIPING TO EQUIPMENT WITH UNION AND PLUG VALVE. REFER TO SHEET P-302 FOR DETAIL. FLEX CONNECT SHALL BE LOCATED OUTSIDE OF CABINET WHEN CONNECTION IS MADE. UNLESS GENERATOR IS SUPPLIED WITH FLEX CONNECT INSIDE OF CABINET.
- 2"(PSIG) GAS FROM BELOW SLAB.



Bradley Kalmans



06-05-25

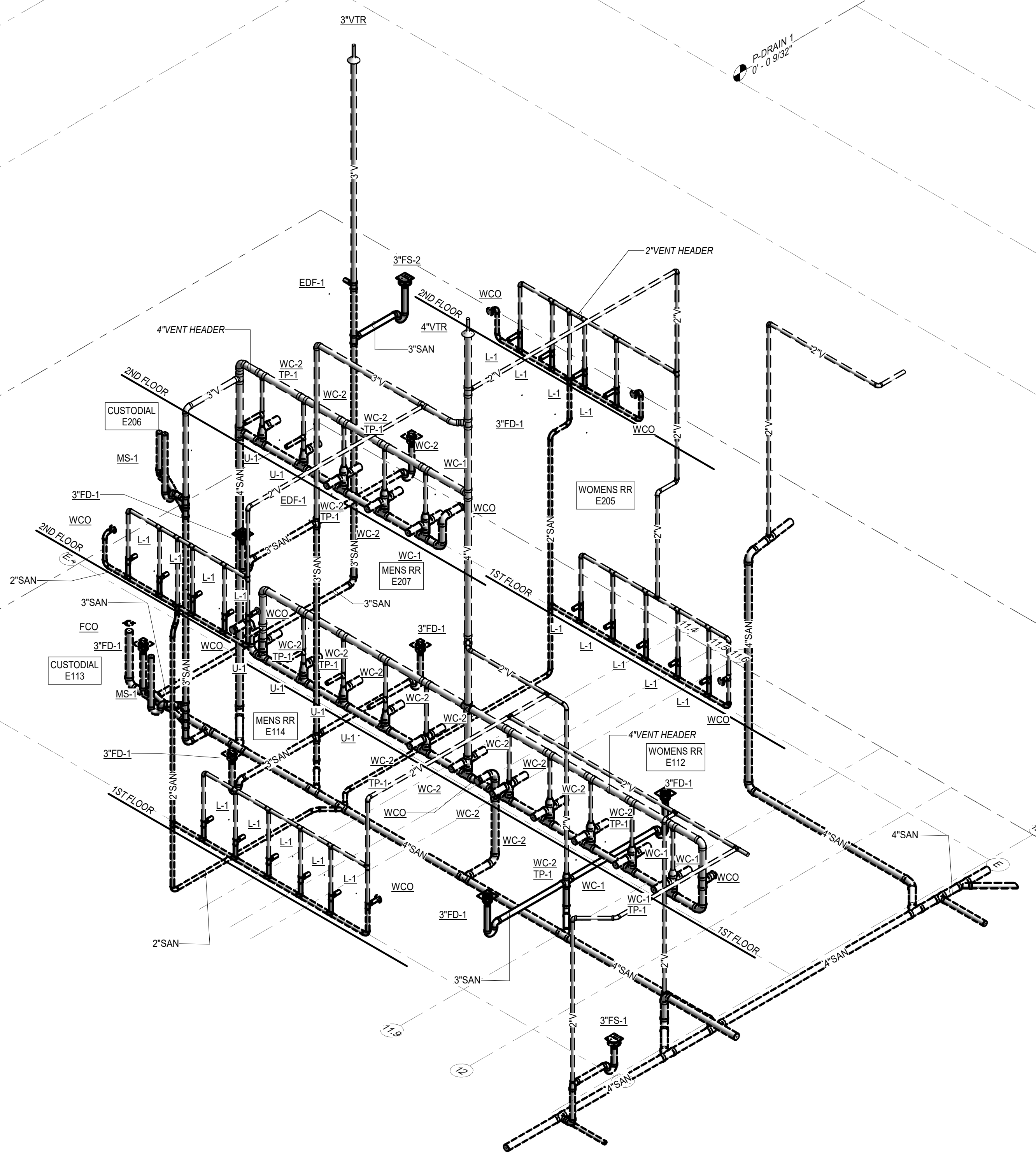
PLUMBING ENLARGED FLOOR PLAN

JOB NO.
2023159.00

P-201

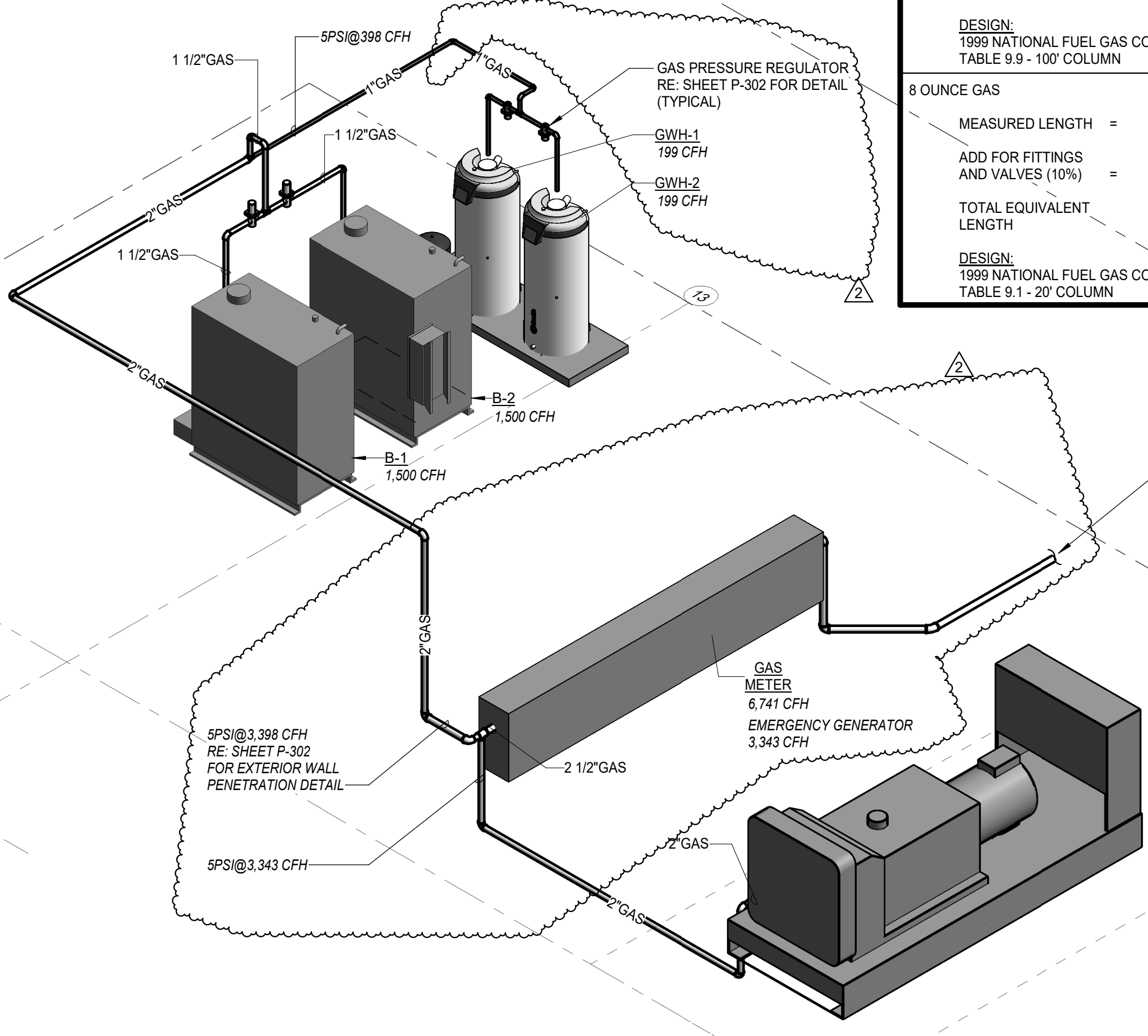
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NOTE:
1. RE: FIXTURE SCHEDULE SHEET P-402 FOR FIXTURE ROUGH-IN SIZE.



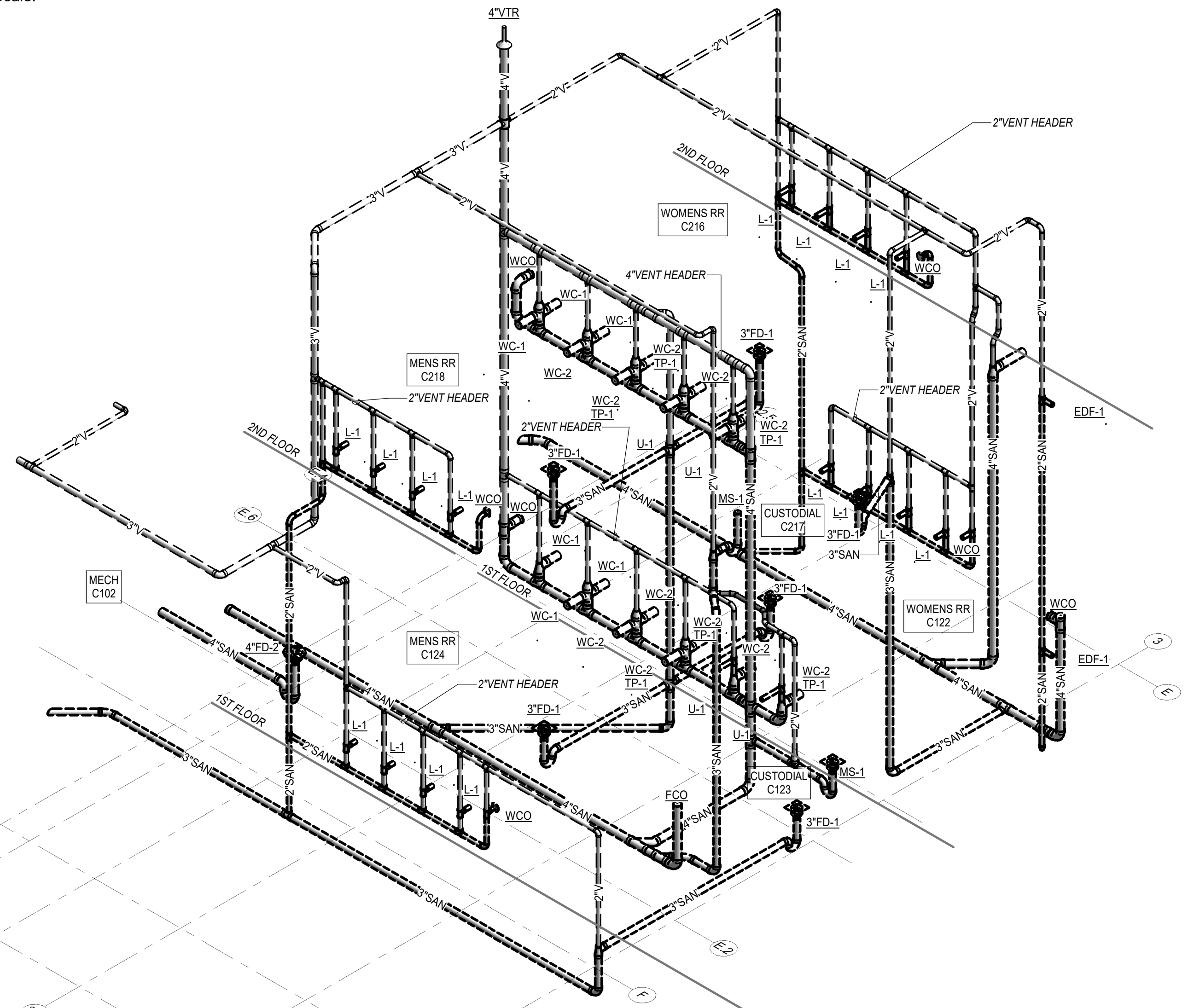
2 WASTE AND VENT RISER DIAGRAM
Scale:

GAS PIPING CALCULATIONS	
5 PSI GAS	
MEASURED LENGTH	= 80'
ADD FOR FITTINGS AND VALVES (10%)	= 8'
TOTAL EQUIVALENT LENGTH	= 88'
DESIGN: 1999 NATIONAL FUEL GAS CODE TABLE 9.9 - 100' COLUMN	
8 OUNCE GAS	
MEASURED LENGTH	= 10'
ADD FOR FITTINGS AND VALVES (10%)	= 1'
TOTAL EQUIVALENT LENGTH	= 11'
DESIGN: 1999 NATIONAL FUEL GAS CODE TABLE 9.1 - 20' COLUMN	



3 GAS RISER DIAGRAM
Scale:

NOTE:
1. RE: FIXTURE SCHEDULE SHEET P-402 FOR FIXTURE ROUGH-IN SIZE.



1 WASTE AND VENT RISERS DIAGRAM
Scale:

- PLUMBING GENERAL NOTES:**
1. REFER TO ARCHITECTS DRAWING FOR EXACT LOCATION OF FLOOR DRAINS.
 2. ALL FLOOR DRAINS AND FLOOR SINKS MUST BE EASILY ACCESSIBLE FOR SERVICING. PROVIDE TRAP GUARDS TO SERVE FLOOR DRAIN/FLOOR SINK/TRENCH DRAIN/HUB DRAINS. WHERE NOT SERVED BY FLUSH VALVE TRAP PRIMERS RE: SHEET P-301 FOR DETAILS AND SHEET P-402 FOR SCHEDULES.
 3. DO NOT SCALE THE PLUMBING DRAWINGS. REFER TO THE DIMENSIONED ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONAL DATA.
 4. REFER TO SHEETS P-301 - P-303 FOR PLUMBING AND SHEETS P-401 AND P-402 FOR PLUMBING SCHEDULES.

GPD GROUP
Professional Corporation
2121 Sage Road, Suite 260
Houston, TX 77058
713.622.1448 Fax 713.622.1455

CONSULTANTS:

MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.

Salas O'Brien
Houston
10630 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77066
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-10264-00

DESCRIPTION

ADDENDUM #1
ADDENDUM #3

DATE
05/20/2025
06/09/2025

REV
1
2

BRADLEY VALMANS
060219
LICENSED
06-05-25

NEW CANEY ISD ADMINISTRATION BUILDING
21330 VALLEY RANCH PARKWAY
PORTER, TX 77365

PLUMBING RISER DIAGRAMS

ISSUED FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	---
RECORD	---
PROJECT MANAGER	DESIGNER
	Designer

JOB NO.
2023159.00

P-501