GPD GROUP

June 2, 2025
2023159.00

06/02/2025

Addendum No.2

to

CONSTRUCTION DOCUMENTS

for

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. Please confirm that 10% security amount will be submitted with General Contractor bid and not from the subcontractor?
      Answer: The 10% bid bond is from the GC not subcontractors.
   b. Please confirm that subcontractors are submitting via GC bid desk email proposal prior to 2pm June 10th and not in person to NCISD on June 10th.
      Answer: NCISD requires the general contractor to submit an all-encompassing bid that included all aspects and costs associated with the project as stated in the Proposal Deadline Section from the Request for Competitive Sealed Proposals section. Subcontractors do not submit anything directly to NCISD.
   c. We are seeing technology mfg issuing pricing and tariff fees changes about every 2-4 weeks. What is the expectation for bids to include tariff fees and changes to hardware pricing? Should this be listed as a contingency line item for expected % change for hardware installed 9-15 months from now?
      Answer: This is CSP project and does not include the option to put in any contingency for cost escalation. The dollar amount in the general contractor's bid is for the entire scope of the entire project.
   d. Internet connection in the building is need to test project equipment. When will E-Rate install fiber optic to connect the new building to NCISD's existing network?
      Answer: E-Rate fiber installation is projected to be installed mid year 2026; however, fiber connection to building is to be brought in from the existing field house at Randall Reed Stadium as shown on sheet T-100.1
   e. What is the structural reinforcing on the dumpster enclosure and short site wall surrounding the flagpole?
      Answer: Refer to structural detail 6/S405 and se-issued sheet A-318 for clarification on the dumpster wall. Refer to revised detail D1/A-318 for flagpole wall detail.
   f. CT-1A and CT-2 wall tile do not have corresponding 6x12 cove base. What should be used instead?
      Answer: Available 4" x 12" cove base can be used.

g. Is D119 supposed to be sealed concrete flooring?
Answer: Yes, floor finish at Instructional Material Storage Room D119 is to be sealed concrete.

h. A2/A-505 shows mosaic metal planks on the exterior and interior of the building and soffits are labeled as such in other details. They are not shown to be located anywhere inside the building.
Answer: Exterior Mosaic panels referenced in drawings are MP-1 Metal wall & soffit cladding per spec. section 07 42 13.14. These panels are not inside of building.

i. Much of the landscaping and possibly irrigation will be damaged in the new marquee location. What is existing, or what landscape and irrigation is expected to be included in the finished product after the marquee is installed? Grass will be damaged in the surrounding area while constructing the new ramp. What kind of sod or hydroseed/curlex is expected.
Answer: Contractor to verify operation of irrigation system prior to start of work. If system is functional, then contractor to repair damage to existing irrigation and landscaping due to his work on this project. Contractor is to replace landscape and sod that is disrupted as a result of the work.

j. The Geotech report calls for removing 4' of existing soils and replacing with select fill of 10 to 20 PI. I did not see any note in the plans that indicated how the building pad should be constructed and in specification section 31 23 00, part 3.8 Rough Grading it does not specify what the sub grade elevation is. The re is a section 3.7 for Paving, Walks, and Exterior Slabs; but there is not a section for the Building Slab. This specification also calls for select fill to be between 10 & 15 PI. Are we to follow the geotechnical recommendations for the building pad preparation even though it is not a contract document? If so, are we to remove 4' of existing soils and replace them with select fil (please clarify the definition of select fill) and then place additional fill to the bottom of slab elevation -or- excavate to allow for a final 4' of select fill beneath the bottom of slab elevation?
Answer: Refer to Spec Section 31 00 05 for building pad construction and subgrade. As stated in Terracon geotechnical engineering report No. 97245100 dated October 3, 2024, the select fill soils should be either lean clays (CL) or clayey sand (SC) with plasticity index ranges from 10 to 20. See upper table on p. 7 of the report for select fill recommendations. We recommend a minimum of 4 feet of existing weak soil be over excavated from the building area and the excavation backfilled with compacted select fill up to design finished grade of FFE 109.75 feet (or FG 109.25 feet).

k. The geotechnical report references the requirements for using blended soils; are blended on-site soils acceptable for use as select fill?
Answer: If blended soils are planned to be used, we recommend that additional samples of the blended soils be obtained and evaluated prior to and during earthwork operations.

l. A6/A-323 shows aluminum canopies to have soffit. Will this be a special or standard color?
Answer: Standard color.

m. There is a narrow cut out from the plan north side of plat shown on Civil drawings labeled 'L2'. Does this need to avoided during construction, or can this strip be included inside silt and site fencing?
Answer: Yes, the narrow cut out is owned by the adjacent neighbor and should be avoided during construction. The silt and site fencing should follow the property line around the narrow cut out.

n. Is the line noted 6' C.L.F in the new road location shown on Civil drawings an existing chain link fence that needs to be demolished?
Answer: The existing 6' chain link fence west of the property should not need to be demolished as it is located outside the limits of the proposed drive. The existing fence runs along the perimeter of the existing parking west of the project site outside the limits of the proposed drive.

o. Does the subgrade below the ramp need to be excavated and replaced with select fill or stabilized?
Answer: Yes.

p. What is the logo mounted on the sun control at the front of the building? Is there a specification for it?
Answer: The logo will be a delegated design per spec section 10 14 00, Signage and is mounted on the sun control and supported by structural framing as shown on detail B5/A-323; Reference detail 14/S703

q. 3/S406 shows a handrail on the stadium ramp. Please provide details
Answer: Reference detail B2/AS-001.

r. Is the 8" CMU at the dumpster standard per C6/A-318, or burnished per A4/A-323?
Answer: It is a standard CMU per the detail C6/A-318.

s. Signage spec 10 14 00, section 1.2A mentions a graphics allowance. I don't see an allowance spec for section 01 21 00. Will there be any allowances for this project?
Answer: There are no allowances for this project. Refer to the revised specification.

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) 08 33 26 – Overhead Coiling Grilles
    ii) 09 21 13 - Plaster Assemblies
    iii) 12 24 13 – Roller Window Shades
    iv) 13 31 23 – Pre-Engineered Fabric Tension Structures
2. Specification Document 01 11 00, Summary of Work.
    1. Revised section 1.3.F. to read as follows:
    F. Project Web Site:
        1. Web-Based Project Software (Autodesk Construction Cloud – Build): Project software will be used for purposes of managing communication and documents during the construction stage to the Architect.
        2. See Section 013100 "Project Management and Coordination" for requirements for using web-based Project software.
3. Specification Document 01 23 00, Alternates.
    1. Added subsection 3.4 "Alternate No. 3 – Base Bid Adjustment"
4. Specification Document 01 31 00, Project Management and Coordination
    1. Section 1.4 Informational Submittals, Added the following subsection.
    C. PDF Document Preparation: Where PDFs are required to be submitted to Architect, prepare as follows:
        1. Assemble complete submittal package into a single indexed file, incorporating submittal requirements of a single Specification Section and transmittal form with links enabling navigation to each item.
        2. Name file with submittal number or other unique identifier, including revision identifier.
        3. Certifications: Where digitally submitted certificates and certifications are required, provide a digital signature with digital certificate on where indicated.
        4. Submit PDF through Architect's web-based software: ACC Build.
    2. Revised section 1.7.A.2. to read as follows:
        2. Coordinate and submit RFI in a prompt manner so as to avoid delays in Contractor's work or work of subcontractors. All RFIs are required to be submitted through the architect's web-based management system: Autodesk Construction Cloud – Build Software.
    3. Revised section 1.7.C. to read as follows:
    C. RFI Forms: Software-generated form with substantially the same content as indicated above, acceptable to Architect through the ACC Build Software.
    4. Section 1.7.D.1. – Added subsection h that reads as follow:
        h. Any RFIs not submitted through the ACC Build Software.

5. Added the following section.
    1.9 DIGITAL PROJECT MANAGEMENT PROCEDURES
        A. Web-Based Project Management Software Package: Use Architect's web-based Project management software package for purposes of hosting and managing Project communication and documentation until Final Completion for communication with the Architect.
            1. Architects Web-based Project management software includes, at a minimum, the following features:
                a. Compilation of Project data, including Contractor, subcontractors, Architect, Architect's consultants, Owner, and other entities involved in Project. Include names of individuals and contact information.
                b. Access control for each entity for each workflow process, to determine entity's digital rights to create, modify, view, and print documents.
                c. Document workflow planning, allowing customization of workflow between project entities.
                d. Creation, logging, tracking, and notification for Project communications required in other Specification Sections, including, but not limited to, RFIs, submittals.
                e. Track status of each Project communication in real time, and log time and date when responses are provided.
                f. Procedures for handling PDFs or similar file formats, allowing markups by each entity. Provide security features to lock markups against changes once submitted.
            2. The Architect will provide Project management software user licenses for use of Construction Manager, Architect, and Architect's consultants. As needed, the Architect will provide four hours of software training at Architect's office for web-based Project software (ACC-Build) users.
            3. At completion of Project, provide digital archive in format that is readable by common desktop software applications in format acceptable to the Contract upon request. Provide data in locked format to prevent further changes.

5. Specification Document 01 33 00, Submittal Procedures.
    1. Replace in its entirety.
6. Specification Document 03 05 10, Concrete Epoxy Bonding Agent.
    1. Remove specification section to be removed in its entirety.
7. Specification Document 05 12 00, Structural Steel Framing
    1. Replace in its entirety.
8. Specification Document 08 33 26, Overhead Coiling Grilles
    1. Add this section in its entirety.
9. Specification Document 08 41 13, Aluminum Framed Entrances and Storefronts.
    1. Subsection 2.2.A & C. Revised verbiage to include "8 inch mid-rail."
    2. Subsection 2.2.B.2.a. Revised thickness for security glazing from 1 inch to 1 1/8 inch.
10. Specification Document 08 44 13, Glazed Aluminum Curtain Walls
    1. Section 2.3 Materials
    i) Revise subsection B. to read "Finish: Clear Anodized as specified."
    ii) Moved the following subsections to 2.4 Framing:
        B. Aluminum: Alloy and temper recommended by manufacturer for type of use and finish indicated
            1. Sheet and Plate: ASTM B209
            2. Extruded Bars, Rods, Profiles, and Tubes: ASTM B221
            3. Extruded Structural Pipe and Tubes: ASTM B429
            4. Structural Profiles: ASTM B308/B308M
            5. Welding Rods and Bare Electrodes: AWS A5.10/A5.10M

        C. Steel Reinforcement: Manufacturer's standard zinc-rich, corrosion-resistant primer complying with SSPC-PS Guide No. 12.00; applied immediately after surface preparation and pretreatment. Select surface preparation methods according to recommendations in SSPC-SP COM and prepare surfaces according to applicable SSPC standard.

6. Structural Shapes, Plates, and Bars: ASTM A36/A36M
7. Cold-Rolled Sheet and Strip: ASTM A1008/A1008M
8. Hot-Rolled Sheet and Strip: ASTM A1011/A1011M

11. Specification Document 08 80 00
    1. Section 2.10 Monolithic-Glass Types subsection C to read as follows:
    i) C. Glass Type G2: Tempered Acid Etched Glass
        1. Pavia tempered acid etched by Vitro Architectural Glass
        2. Thickness: 1/2" inch
12. Specification Document 08 88 56, Security Glazing
    1. Revised Specification Document number from 08 85 53 to 08 88 56.
    2. Revised section 1.2.A. to read as follows:
    i) "Section includes delayed entry/ intruder resistant laminated glass for doors, aluminum-framed entrances and storefronts, and glazed aluminum curtain walls, where glazing requirements are specified by reference to this Section."
13. Specification Document 09 21 13, Plaster Assemblies
    1. Add section in its entirety.
14. Specification Document 09 30 00, Tiling
    1. Section 2.2.C Finishing and Edge-Protection Profiles.
    i) Add the following subsection 7.
    7. At shower:
        a. Floor: Schluter®-DECO-SGC 1/2 inch or equal by Proline
        b. Walls: Schluter®-DECO-SG 1/2 inch or equal by Proline
    2. Section 3.2.E.9.
    i) Add subsection b as follows.
    b. Joints to be left open for installation of sealant. Open joint to caulk walls only.
    3. Section 3.2.F.
    i) Add subsection 5 as follows:
    5. Provide grout matching sealant at all inside corners and around any door and window frame
15. Specification Document 09 61 43, Concrete Floor Sealer
    1. Section 3.2.C. Revised to read as follows:
    i) All exposed slab control joints to be sealed with compatible sealant and cured prior to sealing floors.
    2. Section 3.2.C.
    i) Add subsection E as follows:
    E. For sealed concrete floor, ensure the scheduled joint sealant is compatible.
16. Specification Document 09 65 19, Resilient Tile Flooring
    1. Section 1.11.A.1
    i) Add subsection a as follows:
    a. Provide RH slab moisture testing regardless of manufacturers recommendations prior to installation at areas to receive flooring. Testing to be in accordance with ASTM F2170 and meet the manufacturer's RH specified levels.
    2. Section 2.1.A Manufacturers
    i) Removed Armstrong World Industries, Inc. & Forbo Flooring, Inc. from the approved manufactures.
17. Specification Document 10 11 00, Visual Display Surfaces
    1. Added Platinum Visual Solutions to the approved manufacturers.
18. Specification Document 10 14 00, Signage
    1. Replace in its entirety.
19. Specification Document 12 24 13, Roller Window Shades
    1. Add section in its entirety.
20. Specification Document 13 31 23, Pre-Engineered Fabric Tension Structures
    1. Add section in its entirety.
21. Specification Document 14 24 00, Hydraulic Elevators
    1. Removed Schindler Elevator Corp. from the approved manufacturers.
    2. Added TK elevators to section 2.1.B

SECTION 3: CHANGES TO THE DRAWINGS:

Architectural

1. Sheet AS-001 – Architectural Composite Plan
    a. Refer to revised detail B2/AS-001.
2. Sheet AS-002 - Architectural Site Plan
    a. Sunshade added to plan with keynote 17.
    b. Site Plan Keyed Notes
    i) Note 17 added, reading "SUNSHADE STRUCTURE RE: C2/AS-009 AND C3/AS-009."
3. Sheet AS-005 - Site Details
    a. Reference to section B4/AS-005 add to details A1 and A2.
    b. Detail B1 updated to show sunshade overhead.
    c. Detail B2 updated to graphically show 4"x4" posts at 48" O.C.
    d. Revised detail D2 – canopy detail to match structure detail 7/S503
4. Sheet AS-009 - Enlarged Plans and Details
    a. Elevations C2 and C3 added to show dimensions and callouts for sunshade.
    b. Detail B3 updated to show sunshade overhead.
5. Sheet A-101 – Composite Floor Plan
    a. Plan updated to reflect changes to floor plan in area D1.
6. Sheets A-103 – A-118
    a. Door and Window Schedule Remarks
    i) Revise Note 12 to read "PROVIDE MAGNETIC HOLD OPEN TIED TO FIRE ALARM".
7. Sheet A-104 – First Floor Plan – Area B
    a. Door Schedule
    i) Fire rating removed from door B114.
8. Sheet A-106 – First Floor Plan – Area D1
    a. Plan updated to show the floor plan changes to create office D111.
    b. New door D111 added to door schedule.
9. Sheet A-107 – First Floor Plan – Area D1.2
    a. Door Schedule
    i) Fire rating removed from doors D132 and D166A.
10. Sheet A-109 – First Floor Plan – Area F
    a. Door Schedule
    i) Fire rating removed from door F124.
11. Sheet A-111 – Second Floor Plan A2
    a. Door Schedule
    i) Doors A200BA and A200BB revised to show oh door material as aluminum, head detail as E3/A-505, jamb detail as D3/A-505, and sill detail as C3/A-505.
12. Sheet A-112 – Second Floor Plan – Area B2
    a. Shower in RR B207 was moved 6" plan East of column line 2.1 to accommodate slab depression.
13. Sheet A-113 – Second Floor Plan – Area C2
    a. Door Schedule
    i) Fire rating removed from door C213, C124, and C215.
14. Sheet A-115 – Second Floor Plan – Area D2
    a. Door Schedule
    i) Fire rating removed from door D265.
15. Sheet A-116 – Second Floor Plan – Area E2
    a. Door Schedule
    i) Fire rating removed from door E201, E203, E204.
16. Sheet A-131 – Composite Reflected Ceiling First Floor Plan
    a. RCP Legend

i) Revise Note 2 to read "EXPOSED DECK, DUCTS, PIPES, CONDUIT, BEAMS, STRUCTURAL MEMBERS, AND ANY OTHER EXPOSED SYSTEMS TO BE PAINTED BLACK. VIDEO PRODUCTION ROOM ONLY."

17. Sheet A-136 - Reflected Ceiling First Floor Plan – Area D1
    a. Plan updated to reflect changes to light fixtures, mechanical equipment, and ceiling grid resulting from plan changes.
18. Sheet A-141 – Reflected Ceiling Second Floor Plan – Area A2
    a. Refer to Area 2 Reflective Ceiling second Floor Plan with added section callouts.
19. Sheet A-142 – Reflected Ceiling Second Floor Plan – Area B2
    a. Plan updated to show gyp ceiling moved plan East and one light fixture was moved plan East one tile. A dimension was added for the gyp ceiling.
    b. Reference detail A1/A-508 added to room B207.
20. Sheet A-145 – Reflected Ceiling Second Floor Plan – Area D2.2
    a. Note pointing to Video Production Studio D262 updated to say "STAGE RIGGING GRID COMPOSED OF FOUR (4) 1-1/2 INCH DIA.X 21 FEET LONG AND SIX (6) 1-1/2 INCH DIA.X 13 FEET LONG SCHEDULE 40 PIPE BATTENS INTERSECTING AT 4 FOOT CENTERS. PROVIDE 24 INTERSECTION BRACKET HARDWARE (IWEISS P309 OR APPROVED EQUAL), AND 24 PIPE CLAMPS (IWEISS P305 OR APPROVED EQUAL). SUPPORT TO STRUCTURE WITH UNISTRUT AND 3/8 DIA. STAINLESS STEEL CABLE WITH LOOP AND THIMBLE CONNECTIONS AT ALL PIPE CLAMP LOCATIONS."
21. Sheet A-148 – Reflected Ceiling Second Floor Plan – Area G2
    a. Added callout to reference detail D2/A-318
22. Sheet A-150 – Composite Roof Plan
    a. Walk pad added to east and west clerestories.
23. Sheet A-152 – Roof Plan – Area B & C
    a. Walk pad added to area B.
24. Sheet A-154 – Roof Plan – Area E & F
    a. Walk pad added to area F.
25. Sheet A-157 – Roof Details
    a. Refer to revised details A2, A3, A4, C1, C3, C4, D1, D3, and D5.
26. Sheet A-158 – Roof Details
    a. Refer to revised details A1, A3, A5, C1, and C5.
27. Sheet A-159 – Roof Details
    a. Refer to revised details A4, A6, and C4.
28. Sheet A-201 – Exterior Elevations
    a. Notes revised on all elevations.
    b. Exterior finish schedule updated to show BRK-1 and BRK-2.
    c. Detail A1/A-201 revised to show graphic revisions to entry canopy.
29. Sheet A-202 – Exterior Elevations
    a. Notes revised on all elevations.
    b. Exterior finish schedule updated to show BRK-1 and BRK-2.
    c. Details A1/A-202 and B1/A-202 revised to show graphic revisions to entry canopy.
30. Sheet A-203 – Exterior Elevations
    a. Exterior finish schedule updated to show BRK-1 and BRK-2.
31. Sheet A-315 – Wall Sections
    a. Revised plaster soffit ceiling structure to be painted plaster metal lath – 5/8" gypsum board sheathing, 3 5/8" metal studs on wall section A1/A-315.
32. Sheet A-317 – Wall Sections
    a. Revised plaster soffit ceiling structure to be painted plaster metal lath – 5/8" gypsum board sheathing, 3 5/8" metal studs on wall section A1/A-317
33. Sheet A-318 – Wall Sections
    a. Refer to revised details C6 and D1.
    b. Refer to new detail E6.

34. Sheet A-319 – Wall Sections
    a. Revised plaster soffit ceiling structure to be painted plaster metal lath – 5/8" gypsum board sheathing, 3 5/8" metal studs on wall section A1/A-319
35. Sheet A-321 – Wall Sections
    a. Revised detail A1/A-508 called out on wall section A3/A-321
    b. Revised detail A3/A-508 called out on wall section A5/A-321
36. Sheet A-323 – Wall Section Details
    a. Refer to revised details A1 and A3.
    b. Refer to new detail A4.
    c. Revised wall section detail A6/A-323 to match structure.
    d. Detail D1
    i) Revised plaster soffit ceiling structure to be painted plaster metal lath – 5/8" gypsum board sheathing, 3 5/8" metal studs on wall section detail D1/A-323
    e. Revised wall section detail E2/A-323.
37. Sheet A-329 – Stair & Railing Details
    a. Details B1, B3, B4, B5, C1, and C3
    i) Callout changed from "1/2" TEMPERED GLASS" to "1/2" ETCHED TEMPERED GLASS".
38. Sheet A-330 – Handrail & Guardrail Elevations
    a. Details A1, A4, and B3
    i) Details updated to show glazing tag "G1" on all glass panels.
39. Sheet A-402 – Enlarged Plans – Restrooms
    a. Detail C2 updated to show shower moved plan East, the addition of a chase, and a new note that reads "FULLY TEMPERED GLASS PANE AND DOOR WITH ASSOCIATED HARDWARE".
40. Sheet A-403 – Enlarged Plans – Stairs
    a. Added a plan detail callout for the enlarged first floor plan – stair A106 & A107
    b. Renumbered enlarged first floor plan – stair 103A to stair 106 and stair 103B to stair 107
    c. Renumbered enlarged first floor plan – stair 200A to stair 201 and stair 200B to stair 202
41. Sheet A-502 – Storefront/ Curtainwall Elevation & Frame Types
    a. Glazing Types
    i) G2 – Tempered Float Glass
        - Replace "Frosted" with "Etched"
        - Revise the thickness from 9/16" to 1/2"
    ii) G3 – Insulated Tinted Laminated Safety Glazing
        - Revise thickness from 1 inch to 1 1/8 inch.
    b. Detail E2 Typical Training Room Storefront- Updated to show motorized shades on training room windows
42. Sheet A-503 – Door and Window Details
    a. Refer to revised detail D1/A-503.
43. Sheet A-504 – Door and Window Details
    a. Revised plaster soffit ceiling structure to be painted plaster metal lath – 5/8" gypsum board sheathing, 3 5/8" metal studs on wall section detail D6/A-504.
44. Sheet A-505 – Door and Window Details
    a. Refer to new details C3, D3, and E3.
    b. Replaced mosaic mtl plank by "aluminum panel soffit MP-1 on detail C1/A-158", and aluminum panel – MP-1 on detail A2/A-505.
45. Sheet A-507 – Reflected Ceiling Plan Details
    a. Revised detail D1 (Typical furring detail) to provide batt insulation at the exterior wall/soffit
    b. Revised detail soffit ceiling to be 5/8" painted plaster – 7/8" hat channel & 3 5/8" metal studs
    c. Revised detail D2 (Typical furring detail) to provide batt insulation and extend gypsum board to deck; reference sheet A-507
    d. Revised detail D3 (Typical furring detail) to provide batt insulation and extend gypsum board to deck; reference sheet A-507
    e. Revised detail A1 (Typical furring detail) to provide batt insulation and extend gypsum board to deck coordinate CFMF with structure, reference sheet A-507

f. Revised detail A2 (Typical furring detail) to provide bracing to structural deck; reference sheet A-507
g. Revised detail A4 (Lobby A105A, A105C Furring detail) to provide bracing to structural deck; reference sheet A-507

46. Sheet A-508 – Reflected Ceiling Plan Details
    a. New sheet added in its entirety.
47. Sheet A-906 – Plan Details – Second Floor
    a. Added plan detail D1 9A106/A107 – Plan Detail) Called out from the enlarged stairs A106 & A107
48. Sheet A-907 – Typical Details
    a. New sheet added in its entirety.
49. Sheet I-114 – First Floor Finish Plan – Area D1
    a. Room Finish Schedule Area D1
    i) Office D111 added to schedule.
    b. First Floor Finish Plan – Area D1
    i) Plan updated to reflect changes to floor plan.
50. Sheet I-120 – Second Floor Finish Plan – Area B2
    a. Details A1 and A3 update to reflect the change in location of the shower. Floor tile added to shower. Note added that reads "1/2" TEMPERED GLASS WITH 42" TEMPERED GLASS DOOR USING SCHLUTER DECO SG 1/2"".
51. Sheet I-132 – Equipment Plan B1
    a. Callout was missing from display in room B110. Callout has been placed back on the sheet to indicate a 55" display in room B110.
52. Sheet I-134 – Equipment Plan D1
    a. Plan updated to reflect changes to floor plan.
    b. Display changed to a 65" Cleartouch in room D114.
53. Sheet I-135 – Equipment Plan D1.2
    a. Display changed to a 65" Cleartouch in room D150 and to a 55" display in room D146.
54. Sheet I-201 – Interior Elevations – Restrooms
    a. Updated detail C5 to reflect shower shift and added callout for fully tempered glass door.

Civil

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

Structural

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

MEPT:

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

END OF ADDENDUM NO. 2

SECTION 01 33 00
SUBMITTAL PROCEDURES
ADDENDUM NO. 2

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 SUMMARY

A. Section includes requirements for the submittal schedule and administrative and procedural requirements for submitting Shop Drawings, Product Data, Samples, and other submittals.
B. Related Requirements:
   1. Section 01 29 00, Payment Procedures
   2. Section 01 32 16, Construction Progress Schedule
   3. Section 01 78 23, Operation and Maintenance Data
   4. Section 01 78 39, Project Record Documents
   5. Section 01 79 00, Demonstration and Training

1.3 DEFINITIONS

A. Action Submittals: Written and graphic information and physical samples that require Architect's responsive action. Action submittals are those submittals indicated in individual Specification Sections as "action submittals."
B. Informational Submittals: Written and graphic information and physical samples that do not require Architect's responsive action. Submittals may be rejected for not complying with requirements. Informational submittals are those submittals indicated in individual Specification Sections as "informational submittals."
C. Portable Document Format (PDF): An open standard file format licensed by Adobe Systems used for representing documents in a device-independent and display resolution-independent fixed-layout document format.

1.4 ACTION SUBMITTALS

A. Submittal Schedule: Submit a schedule of submittals, arranged in chronological order by dates required by construction schedule. Include time required for review, ordering, manufacturing, fabrication, and delivery when establishing dates. Include additional time required for making corrections or revisions to submittals noted by Architect and additional time for handling and reviewing submittals required by those corrections.
   1. Coordinate submittal schedule with list of subcontracts, the schedule of values, and Contractor's construction schedule.
   2. Submit concurrently with Contractor's construction schedule. Highlight those submittals required to maintain orderly progress of the Work and those required early because of long lead time for manufacture or fabrication.
   3. Arrange scheduled date for first submittal, Specification Section number and title, Submittal category (action or informational), name of subcontractor, description of the Work covered, scheduled date for Architect's final release or approval, scheduled date of fabrication, scheduled dates for purchasing, and scheduled dates for installation in a tabular format.

1.5 SUBMITTAL ADMINISTRATIVE REQUIREMENTS

A. Architect will make available to the Contractor one set of digital data drawing files of the Contract Drawings for use in preparing submittals and Project record drawings.
   1. Architect makes no representations as to the accuracy or completeness of digital data drawing files as they relate to the Contract Drawings.
   2. Digital Drawing Software Program: The Contract Drawings are available in Autodesk Revit.
   3. Contractor shall execute a data licensing agreement in the form of, Agreement form acceptable to Owner and Architect.

B. Coordination: Coordinate preparation and processing of submittals with performance of construction activities.
   1. Coordinate each submittal with fabrication, purchasing, testing, delivery, other submittals, and related activities that require sequential activity.
   2. Submit all submittal items required for each Specification Section concurrently unless partial submittals for portions of the Work are indicated on approved submittal schedule.
   3. Submit action submittals, informational submittals, and samples required by the same Specification Section as separate packages under separate transmittals.
   4. Coordinate transmittal of different types of submittals for related parts of the Work so processing will not be delayed because of need to review submittals concurrently for coordination. Architect reserves the right to withhold action on a submittal requiring coordination with other submittals until related submittals are received.
   5. Submit all action submittals and samples requiring selection of colors by the Architect in adequate time to allow preparation of a complete selection schedule. Generally, all submittals requiring color selection shall be submitted within four weeks of receipt of the Notice to Proceed.

C. Processing Time: Allow time for submittal review, including time for resubmittals. Time for review shall commence on Architect's receipt of submittal. No extension of the Contract Time will be authorized because of failure to transmit submittals enough in advance of the Work to permit processing, including resubmittals.
   1. Initial Review: Allow 30 days for initial review of each submittal. Allow additional time if coordination with subsequent submittals is required. Architect will advise Contractor when a submittal being processed must be delayed for coordination.
   2. Intermediate Review: If intermediate submittal is necessary, process it in same manner as initial submittal.
   3. Resubmittal Review: Allow 21 days for review of each resubmittal.
   4. Sequential Review: Where sequential review of submittals by Owner, or other parties is required, allow 30 days for initial review of each submittal.
   5. Concurrent Consultant Review: Where the Contract Documents indicate that submittals may be transmitted simultaneously to Architect and to Architect's consultants, allow 30 days for review of each submittal. Submittal will be returned to Architect before being returned to Contractor.

D. Assign a unique Submittal number to each Submittal.

E. Electronic Submittals: To be generated and submitted via web-based Project management software website (Autodesk Construction Cloud – Build), required to identify and incorporate information in each electronic submittal file as follows:
   1. Assemble complete submittal package into a single indexed file incorporating submittal requirements of a single Specification Section and transmittal form with links enabling navigation to each item.
   2. Name file with submittal number or other unique identifier, including revision identifier.
   3. Provide means for insertion to permanently record Contractor's review and approval markings and action taken by Architect.
   4. Transmittal Form for Electronic Submittals: Use form acceptable to Owner**,** containing Project name, date, destination (To:), source (From:), name and address of Architect, name of Contractor, Specification Section number and title, submittal and transmittal distribution record, and remarks.

F. Options: Identify options requiring selection by Architect.

G. Deviations and Additional Information: On an attached separate sheet, prepared on Contractor's letterhead, record relevant information, requests for data, revisions other than those requested by Architect on previous submittals, and deviations from requirements in the Contract Documents, including minor variations and limitations. Include same identification information as related submittal.
H. Resubmittals: Make resubmittals in same form and number of copies as initial submittal.
I. Distribution: Furnish copies of final submittals to manufacturers, subcontractors, suppliers, fabricators, installers, authorities having jurisdiction, and others as necessary for performance of construction activities. Show distribution on transmittal forms.
J. Use for Construction: Retain complete copies of submittals on Project site. Use only final action submittals that are marked with approval notation from Architect's action stamp.

2 PRODUCTS

2.1 SUBMITTAL PROCEDURES

A. General Submittal Procedure Requirements: Prepare and submit submittals required by individual Specification Sections. Types of submittals are indicated in individual Specification Sections.
    a. Submit electronic submittals: Prepare submittals in PDF form, and upload to web-based Project management software website (Autodesk Construction Cloud – Build). Enter required data in web-based software site to fully identify submittal.
    b. Where review of submittal by Architect's consultant is indicated (e.g., hardware, casework, structural, HVAC, electrical, plumbing, food service equipment, and utilities), address the email to the consultant and include Architect on the distribution list.
    c. Architect will return annotated file when review is complete.
    d. Annotate and retain one copy of file as an electronic Project record document file.
    2. Certificates and Certifications Submittals: Provide a statement that includes signature of entity responsible for preparing certification. Certificates and certifications shall be signed by an officer or other individual authorized to sign documents on behalf of that entity.
    3. Product Data: Collect information into a single submittal for each element of construction and type of product or equipment.
        a. If information must be specially prepared for submittal because standard published data are not suitable for use, submit as Shop Drawings, not as Product Data.
        b. Mark each copy of each submittal to show which products and options are applicable.
        c. Include manufacturer's catalog cuts, manufacturer's product specifications, standard color charts, statement of compliance with specified referenced standards, testing by recognized testing agency, application of testing agency labels and seals, and notation of coordination requirements as applicable:
        d. For equipment, include wiring diagrams showing factory-installed wiring, printed performance curves, operational range diagrams, and clearances required to other construction (if not indicated on accompanying Shop Drawings) in addition to the above, as applicable.
        e. Submit Product Data before or concurrent with Samples.
B. Shop Drawings: Prepare Project-specific information, drawn accurately to scale. Do not base Shop Drawings on reproductions of the Contract Documents or standard printed data.
    1. Preparation: Fully illustrate requirements in the Contract Documents. Include identification of products, schedules, compliance with specified standards, notation of coordination requirements, notation of dimensions established by field measurement, relationship and attachment to adjoining construction clearly indicated, and seal and signature of professional engineer if specified as applicable.
    2. Sheet Size: Except for templates, patterns, and similar full-size drawings, submit Shop Drawings on sheets at least 8½ by 11 inches, but no larger than 30 by 42 inches.

C. Samples: Submit Samples for review of kind, color, pattern, and texture for a check of these characteristics with other elements and for a comparison of these characteristics between submittal and actual component as delivered and installed.
   1. Transmit Samples that contain multiple, related components such as accessories together in one submittal package.
   2. Identification: Attach label on unexposed side of Samples that includes generic description of Sample, product name and name of manufacturer, sample source, number and title of applicable Specification Section, and Specification paragraph number and generic name of each item.
   3. For projects where electronic submittals are required, provide corresponding electronic submittal of Sample transmittal, digital image file illustrating Sample characteristics, and identification information for record through the web-based Project management software website (Autodesk Construction Cloud – Build).
   4. Disposition: Maintain sets of approved Samples at Project site, available for quality-control comparisons throughout the course of construction activity. Sample sets may be used to determine final acceptance of construction associated with each set.
      a. Samples that may be incorporated into the Work are indicated in individual Specification Sections. Such Samples must be in undamaged condition at time of use.
      b. Samples not incorporated into the Work, or otherwise designated as Owner's property, are the property of Contractor.
   5. Samples for Initial Selection: Submit manufacturer's color charts consisting of units or sections of units showing the full range of colors, textures, and patterns available.
      a. Number of Samples: Submit three full set(s) of available choices where color, pattern, texture, or similar characteristics are required to be selected from manufacturer's product line.
   6. Samples for Verification: Submit full-size units or Samples of size indicated, prepared from same material to be used for the Work, cured and finished in manner specified, and physically identical with material or product proposed for use, and that show full range of color and texture variations expected. Samples include, but are not limited to partial sections of manufactured or fabricated components; small cuts or containers of materials; complete units of repetitively used materials; swatches showing color, texture, and pattern; color range sets; and components used for independent testing and inspection.
      a. Number of Samples: Submit three sets of Samples. Architect will retain two Sample sets; remainder will be returned.
         1) Submit a single Sample where assembly details, workmanship, fabrication techniques, connections, operation, and other similar characteristics are to be demonstrated.
         2) If variation in color, pattern, texture, or other characteristic is inherent in material or product represented by a Sample, submit at least three sets of paired units that show approximate limits of variations.

D. Coordination Drawing Submittals: Comply with requirements specified in Section 01 31 00, Project Management and Coordination.

E. Contractor's Construction Schedule: Comply with requirements specified in Section 01 32 00, Construction Progress Documentation.

F. Application for Payment and Schedule of Values: Comply with requirements specified in Section 01 29 00, Payment Procedures.

G. Closeout Submittals and Maintenance Material Submittals: Comply with requirements specified in Section 01 77 00, Closeout Procedures.

H. Maintenance Data: Comply with requirements specified in Section 01 78 23, Operation and Maintenance Data.

2.2 DELEGATED-DESIGN SERVICES

A. Performance and Design Criteria: Where professional design services or certifications by a design professional are specifically required of Contractor by the Contract Documents, provide products and systems complying with specific performance and design criteria indicated.

1. If criteria indicated are not sufficient to perform services or certification required, submit a written request for additional information to Architect.

B. Delegated-Design Services Certification: In addition to Shop Drawings, Product Data, and other required submittals, upload and submit PDF electronic file to web-based Project management software website (Autodesk Construction Cloud – Build). of certificate, signed and sealed by the responsible design professional, for each product and system specifically assigned to Contractor to be designed or certified by a design professional.
   1. Indicate that products and systems comply with performance and design criteria in the Contract Documents. Include list of codes, loads, and other factors used in performing these services.

3 EXECUTION

3.1 CONTRACTOR'S REVIEW

A. Action and Informational Submittals: Review each submittal and check for coordination with other Work of the Contract and for compliance with the Contract Documents. Note corrections and field dimensions. Mark with approval stamp before submitting to Architect.
B. Project Closeout and Maintenance Material Submittals: See requirements in Section 01 77 00, Closeout Procedures.
C. Approval Stamp: Stamp each submittal with a uniform, approval stamp. Include name of reviewer, date of Contractor's approval, and statement certifying that submittal has been reviewed, checked, and approved for compliance with the Contract Documents.
D. Construction Manager will indicate, on Project management software website (ACC- Build), the appropriate action.

3.2 ARCHITECT'S ACTION

A. Action Submittals: Architect will review each submittal, make marks to indicate corrections or revisions required, and return it via project management software website (ACC- Build). Architect will stamp each submittal with an action stamp and will mark stamp appropriately to indicate action.
B. Informational Submittals: Architect will review each submittal and will not return it, or will return it if it does not comply with requirements. Architect will forward each submittal to appropriate party.
C. Partial submittals prepared for a portion of the Work will be reviewed when use of partial submittals has received prior approval from Architect.
D. Incomplete submittals are unacceptable, will be considered nonresponsive, and will be returned for resubmittal without review.
E. Submittals not required by the Contract Documents may be returned by the Architect without action.

3.3 CLAIM NOTIFICATION

A. If the submitter or contractor issues submittals for which an additional cost is anticipated, the submittal must clearly indicate such cost including all supporting information.
   1. Lack of accompanying cost information known at the time of the original submittals shall be grounds for disallowance of such cost.
B. Upon return of submittal(s) to the originator of the submittal(s), the submitter shall thoroughly review all mark-ups and / or comments prior to proceeding with the work.
C. Based on the mark-ups and / or comments returned, the submitter shall have fifteen (15) calendar days to submit a claim notification for additional costs the submitter may feel is warranted by the mark-ups / and or comments of the Architect or Consultant.
   1. The fifteen (15) calendar day period shall commence upon Contractor’s receipt of the submittal from the Architect.
D. In the absence of any claim notification within the specified time period, it shall be agreed the submitter shall provide the work in accordance with the Contract Documents and the reviewed submittal at no additional cost.

E. In the event a claim notification is submitted to the general contractor / construction manager, submittal the submittal process shall not be complete until all such claim notifications have been fully resolved.

END OF SECTION 01 33 00

SECTION 0512 00 - STRUCTURAL STEEL FRAMING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section Includes:
   1. Structural steel.
   2. Prefabricated building columns.

B. Related Sections:
   1. Section 01 45 23 "Testing and Inspection Services".
   2. Section 05 31 13 "Steel Floor Decking".
   3. Section 05 31 23 "Steel Roof Decking".
   4. Section 05 50 00 "Metal Fabrications".
   5. Section 05 51 00 "Metal Stairs."

1.3 DEFINITIONS

A. Structural Steel: Elements of structural-steel frame, as classified by AISC 303, "Code of Standard Practice for Steel Buildings and Bridges."

B. Seismic-Load-Resisting System: Elements of structural-steel frame designated as "SLRS" or along grid lines designated as "SLRS" on Drawings, including columns, beams, and braces and their connections.

C. Heavy Sections: Rolled and built-up sections as follows:
   1. Shapes included in ASTM A 6 with flanges thicker than 1 1/2 inches.
   2. Welded built-up members with plates thicker than 2 inches.
   3. Column base plates thicker than 2 inches.

D. Protected Zone: Structural members or portions of structural members indicated as "Protected Zone" on Drawings. Connections of structural and nonstructural elements to protected zones are limited.

E. Demand Critical Welds: Those welds, the failure of which would result in significant degradation of the strength and stiffness of the Seismic-Load-Resisting System and which are indicated as "Demand Critical" or "Seismic Critical" on Drawings.

1.4 REFERENCES

A. Comply with applicable provisions of the following specifications and documents: The latest adopted edition of all standards referenced in this section shall apply, unless noted otherwise
   1. AISC "Code of Standard Practice for Steel Buildings and Bridges”.

2. AISC "Specification for Structural Steel Buildings," including the "Commentary" and the Supplements thereto, as issued.
3. AISC "Specification for Architecturally Exposed Structural Steel".
4. AISC's "Seismic Provisions for Structural Steel Buildings".
5. ASTM A 6 "Specification for General Requirements for Rolled Steel Plates, Shapes, Sheet Piling, and Bars for Structural Use".
6. AWS D1.1 Structural Welding Code.
7. Research Council on Structural Connections' (RCSC) "Specification for Structural Joints Using ASTM A 325 or A 490 Bolts".
8. Research Council on Structural Connections' (RCSC) "Load and Resistance Factor Design Specification for Structural Joints Using ASTM A 325 or A 490 Bolts".
9. SSPC (Steel Structures Painting Council), Painting Manuals, Volumes 1 and 2.
10. UL Fire Resistance Directory.

B. In the case of conflict between the Contract Documents and a reference standard, the Contract Documents shall govern. In the case of a conflict between the Contract Documents and the Building Code, the more stringent shall govern.

1.5 PERFORMANCE REQUIREMENTS

A. Delegated Design: Prepare submittal documents including connection design calculations and drawings signed and sealed by registered design professional, licensed in state where project is located, employed by the steel fabricator.

B. Design all structural steel framing connections complying with specified performance:
1. Load Capacity: Resist loads indicated on drawings or resist full capacity of supported framing member if reaction not indicated. Account for connection and member loads and eccentricities.
   a. Request additional design criteria when necessary to complete connection design.
2. Configuration: Design and detail all connections for each member size, steel grade and connection type to resist the loads and reactions indicated on the drawings or specified herein. Use details consistent with details shown on drawings, supplementing where necessary. The details shown on drawings are conceptual and do not indicate the required weld sizes or number of bolts unless specifically noted. Use rational engineering design and standard practice in detailing, accounting for all loads and eccentricities in both the connection and the members. Promptly notify the design professional in charge of any location where the connection design criteria is not clearly indicated. The design of all connections is subject to the review and acceptance of the design professional in charge. Submit structural calculations prepared and sealed by a qualified engineer registered in the state where the project is located. Submit calculations for review before preparation of detail drawings.

C. Construction: System as indicated on Drawings.

1.6 ACTION SUBMITTALS

A. Product Data: For each type of product indicated.

B. Shop Drawings: Show fabrication of structural-steel components.
1. Include details of cuts, connections, splices, camber, holes, and other pertinent data.
2. Include embedment drawings.

3. Indicate welds by standard AWS symbols, distinguishing between shop and field welds, and show size, length, and type of each weld. Show backing bars that are to be removed and supplemental fillet welds where backing bars are to remain.
4. Indicate type, size, and length of bolts, distinguishing between shop and field bolts. Identify pretensioned and slip-critical high-strength bolted connections.
5. Identify members and connections of the seismic-load-resisting system.
6. Indicate locations and dimensions of protected zones.
7. Identify demand critical welds.
8. For structural-steel connections indicated to comply with design loads, include structural analysis data signed and sealed by the qualified professional engineer responsible for their preparation.

C. At full penetration welds, Welding Procedure Specifications (WPSs) and Procedure Qualification Records (PQRs): Provide according to AWS D1.1, "Structural Welding Code - Steel," for each welded joint whether prequalified or qualified by testing, including the following:
1. Power source (constant current or constant voltage).
2. Electrode manufacturer and trade name, for demand critical welds.

1.7 INFORMATIONAL SUBMITTALS

A. Submit the following informational submittals:
1. Qualification Data: For qualified installer, fabricator, and testing agency.
2. Welding certificates.
3. Mill test reports for structural steel, including chemical and physical properties.
4. Product Test Reports: For the following:
   a. Bolts, nuts, and washers including mechanical properties and chemical analysis.
   b. Direct-tension indicators.
   c. Tension-control, high-strength bolt-nut-washer assemblies.
   d. Shear stud connectors.
   e. Shop primers.
5. Source quality-control reports.

1.8 QUALITY ASSURANCE

A. Fabricator Qualifications: A qualified fabricator with a minimum of (5) years of experience that participates in the AISC Quality Certification Program for Category I or higher structures and is designated and is designated an AISC-Certified Plant, Category STD. An otherwise qualified fabricator who is not a member of the AISC Quality Certification Program will be accepted if satisfactory evidence of qualifications is submitted prior to award of Contract. For non-certified fabricators, Contractor shall submit a resume describing plant size, equipment quality control procedures and personnel, and experience on comparable work in the last five (5) years.

B. Installer Qualifications: A qualified installer who participates in the AISC Quality Certification Program and is designated an AISC-Certified Erector, Category CSE.

C. Shop-Painting Applicators: Qualified according to AISC's Sophisticated Paint Endorsement P1, P2, or P3 as applicable for exposure or SSPC-QP 3, "Standard Procedure for Evaluating Qualifications of Shop Painting Applicators."

D. Welding Qualifications: Qualify procedures and personnel according to AWS D1.1/D1.1M, "Structural Welding Code - Steel."
1. Welders and welding operators performing work on bottom-flange, demand-critical welds shall pass the supplemental welder qualification testing, as required by AWS D1.8.

FCAW-S and FCAW-G shall be considered separate processes for welding personnel qualification.

E. Comply with applicable provisions of the following specifications and documents:
1. AISC 303.
2. AISC 341 and AISC 341s1.
3. AISC 360.
4. RCSC's "Specification for Structural Joints Using ASTM A 325 or A 490 Bolts."

F. Preinstallation Conference: Conduct conference at Project site.

1.9 DELIVERY, STORAGE, AND HANDLING

A. Store materials to permit easy access for inspection and identification. Keep steel members off ground and spaced by using pallets, dunnage, or other supports and spacers. Protect steel members and packaged materials from corrosion and deterioration.
1. Do not store materials on structure in a manner that might cause distortion, damage, or overload to members or supporting structures. Repair or replace damaged materials or structures as directed.

B. Store fasteners in a protected place in sealed containers with manufacturer's labels intact.
1. Fasteners may be repackaged provided Owner's testing and inspecting agency observes repackaging and seals containers.
2. Clean and re-lubricate bolts and nuts that become dry or rusty before use.
3. Comply with manufacturers' written recommendations for cleaning and lubricating ASTM F 1852 fasteners and for retesting fasteners after lubrication.

1.10 COORDINATION

A. Coordinate selection of shop primers with topcoats to be applied over them. Comply with paint and coating manufacturers' recommendations to ensure that shop primers and topcoats are compatible with one another.

B. Coordinate installation of anchorage items to be embedded in or attached to other construction without delaying the Work. Provide setting diagrams, sheet metal templates, instructions, and directions for installation.

PART 2 - PRODUCTS

2.1 STRUCTURAL-STEEL MATERIALS

A. Recycled Content of Steel Products: Provide products with an average recycled content of steel products so postconsumer recycled content plus one-half of preconsumer recycled content is not less than the following:
1. W-Shapes: 60 percent.
2. Channels, Angles, M, S-Shapes: 60 percent.
3. Plate and Bar: 25 percent.
4. Cold-Formed Hollow Structural Sections: 25 percent.
5. Steel Pipe: 25 percent.
6. All Other Steel Materials: 25 percent.

B. W-Shapes: Refer Structural General Notes.

C. Channels, Angles, M, S-Shapes: Refer Structural General Notes.

D. Plate and Bar: Refer Structural General Notes.

E. Corrosion-Resisting Structural-Steel Shapes, Plates, and Bars: ASTM A 588, Grade 50.

F. Cold-Formed Hollow Structural Sections: Refer Structural General Notes.

G. Steel Pipe: Refer Structural General Notes.
   1. Weight Class: See Plans.
   2. Finish: Black except where indicated to be galvanized.

H. Welding Electrodes: Comply with AWS requirements.

2.2 BOLTS, CONNECTORS, AND ANCHORS

A. High-Strength Bolts, Nuts, and Washers: ASTM A 325, Type 1, heavy-hex steel structural bolts.
   1. Direct-Tension Indicators: ASTM F 959, Type 325, compressible-washer type with plain finish.

B. Zinc-Coated High-Strength Bolts, Nuts, and Washers (All bolts located in Crawl Space): ASTM A 325, Type 1, heavy-hex steel structural bolts.
   1. Finish: Hot-dip or mechanically deposited zinc coating.
   2. Direct-Tension Indicators: ASTM F 959, Type 325, compressible-washer type with mechanically deposited zinc coating finish.

C. Tension-Control, High-Strength Bolt-Nut-Washer Assemblies: ASTM F 1852, Type 1, heavy-hex or round head assemblies consisting of steel structural bolts with splined ends, heavy-hex carbon-steel nuts, and hardened carbon-steel washers.
   1. Finish: Plain or Mechanically deposited zinc coating, where required.

D. Shear Connectors: ASTM A 108, Grades 1015 through 1020, headed-stud type, cold-finished carbon steel; AWS D1.1, Type B.

E. Unheaded Anchor Rods: ASTM F 1554, See Anchor Bolt Schedule on Drawings for Grade.
   1. Configuration: Straight.
   2. Nuts: ASTM A 563 heavy-hex carbon steel.
   3. Plate Washers: ASTM A 36 carbon steel.
   4. Washers: ASTM F 436, Type 1, hardened carbon steel.
   5. Finish:
      a. General Condition – Plain
      b. Crawl Space - Hot-dip zinc coating, ASTM A 153, Class C.

F. Clevises and Turnbuckles: Made from cold-finished carbon steel bars, ASTM A 108, Grade 1035.

G. Eye Bolts and Nuts: Made from cold-finished carbon steel bars, ASTM A 108, Grade 1030.

H. Sleeve Nuts: Made from cold-finished carbon steel bars, ASTM A 108, Grade 1018.

I. Structural Slide Bearings: Low-friction assemblies, of configuration indicated, that provide vertical transfer of loads and allow horizontal movement perpendicular to plane of expansion joint while resisting movement within plane of expansion joint.
   1. Basis-of-Design Product: Subject to compliance with requirements, provide product indicated on Drawings or comparable product by one of the following:
      a. Amscot Structural Products Corp.
      b. Fluorocarbon Company Limited.
      c. R.J. Watson Bridge & Structural Engineered Systems.
      d. Seismic Energy Products, L.P.
   2. Mating Surfaces: PTFE and PTFE or mirror-finished stainless steel.
   3. Coefficient of Friction: Not more than 0.05.
   4. Design Load: Not less than 5,000 psi .
   5. Total Movement Capability: 2 inches.

2.3 PRIMER

A. Low-Emitting Materials: Paints and coatings shall comply with the testing and product requirements of the California Department of Health Services' "Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers."

B. Primer (General): Fabricator's standard lead- and chromate-free, non-asphaltic, rust-inhibiting primer complying with MPI#79 and compatible with topcoat.

C. Primer (Crawl Space Steel): Tnemec Perimeprime Series 394.

D. Galvanizing Repair Paint: SSPC-Paint 20.

2.4 GROUT

A. Refer Section 03 30 00.

2.5 FABRICATION

A. Structural Steel: Fabricate and assemble in shop to greatest extent possible. Fabricate according to AISC's "Code of Standard Practice for Steel Buildings and Bridges" and AISC 360.
   1. Camber structural-steel members where indicated.
   2. Fabricate beams with rolling camber up.
   3. Identify high-strength structural steel according to ASTM A 6 and maintain markings until structural steel has been erected.
   4. Mark and match-mark materials for field assembly.
   5. Complete structural-steel assemblies, including welding of units, before starting shop-priming operations.
   6. The use or practice of full penetration welding on structural frame shall be minimized or scheduled for shop fabrication, not delegated to the field or job site.

B. Fabricate and assemble structural steel in shop to greatest extent possible. Fabricate structural steel according to AISC specifications referenced in this Section and in final approved Shop Drawings.
   1. Properly mark and match-mark materials for field assembly. Fabricate for delivery sequence that will expedite erection and minimize field handling of materials.

2. Where finishing is required, complete assembly, including welding of units, before start of finishing operations. Provide finish surfaces of members exposed in final structure free of markings, burrs, and other effects.
3. Camber structural steel members where indicated. The camber specified is the camber that is measured in the field with the beam on its side so that the beam weight has no effect. During shipment and handling, cambered members shall be supported in a way that will not result in loss of camber.
4. Camber tolerance
   a. Beams 50 feet and less; plus or minus 1/2 inch.
   b. Beams greater than 50 feet; plus or minus 1/2 inch, except tolerance can be increased 1/8 inch for each 10 feet or fraction thereof in excess of 50 feet.
   c. Contact engineer for members outside specified camber tolerance. Provide engineer with a list of beam locations and actual measured camber amounts. Submit an engineered shoring plan, if requested, that will allow the beam to deflect to the horizontal position after concrete placement without overloading the framing below.
5. Complete structural steel assemblies, including welding of units, before starting shop-priming operations.
6. Comply with fabrication tolerance limits of AISC's "Code of Standard Practice for Steel Buildings and Bridges" for structural steel.

C. Thermal Cutting: Perform thermal cutting by machine to greatest extent possible.
1. Plane thermally cut edges to be welded to comply with requirements in AWS D1.1.

D. Bolt Holes: Cut, drill, or punch standard bolt holes perpendicular to metal surfaces.

E. Finishing: Accurately finish ends of columns and other members transmitting bearing loads.

F. Cleaning: Clean and prepare steel surfaces that are to remain unpainted according to SSPC-SP 3, "Power Tool Cleaning."

G. Shear Connectors: Prepare steel surfaces as recommended by manufacturer of shear connectors. Use automatic end welding of headed-stud shear connectors according to AWS D1.1 and manufacturer's written instructions.

H. Holes for Other Work: Provide holes required for securing other work to structural steel framing, and for passage of other work through steel framing members, as shown on approved shop drawings.
1. Provide threaded nuts welded to framing, and other specialty items as indicated to receive other work.
2. Cut, drill, or punch holes perpendicular to metal surfaces. Do not flame cut holes by burning.

I. Base-Plate Holes: Cut, drill, mechanically thermal cut, or punch holes perpendicular to steel surfaces. Base plates hole sizes for anchor bolts may be oversized to facilitate erection:
1. Bolts 3/4inch to 7/8 inch diameter: 1/2 inch oversize.
2. Bolts 1 inch to 1 1/2 inch diameter: 3/4 inch oversize.
3. Bolts over 1 3/4 inch diameter: 1 inch oversize.

J. Base Plate Washers: Sizes shall be as follows:
1. 3/4 inch diameter Bolts: 2 inch diameter x 1/4 inch thick
2. 7/8 inch diameter Bolts: 2 1/2 inch diameter x 5/16 inch thick
3. 1 inch diameter Bolts: 3 inch diameter x 3/8 inch thick
4. 1 1/4 inch diameter Bolts: 3 inch diameter x 1/2 inch thick
5. 1 1/2 inch diameter Bolts: 3 1/2 inch diameter x 1/2 inch thick
6. 1 3/4 inch diameter Bolts: 4 inch diameter x 5/8 inch thick

7. 2 inch diameter Bolts: 5 inch diameter x 3/4 inch thick

K. Architecturally Exposed Structural Steel (AESS): Fabricate with exposed surfaces smooth, square, and free of surface blemishes, including pitting, rust and scale seam marks, roller marks, rolled trade names, and roughness.
1. Remove blemishes by filling, grinding, or by welding and grinding, prior to cleaning, treating, and shop priming.
2. Comply with fabrication requirements, including tolerance limits, of AISC's "Specification for Architecturally Exposed Structural Steel" for architecturally exposed structural steel.

2.6 SHOP CONNECTIONS

A. High-Strength Bolts: Shop install high-strength bolts according to RCSC's "Specification for Structural Joints Using ASTM A 325 or A 490 Bolts" for type of bolt and type of joint specified.
1. Joint Type: Snug tightened, Pretensioned, or Slip critical as required or indicated on Drawings.

B. Weld Connections: Comply with AWS D1.1 and AWS D1.8, where required, for tolerances, appearances, welding procedure specifications, weld quality, and methods used in correcting welding work.
1. Assemble and weld built-up sections by methods that will maintain true alignment of axes without exceeding tolerances in AISC 303 for mill material.

2.7 SHOP PRIMING

A. Shop prime steel surfaces except the following:
1. Surfaces embedded in concrete or mortar. Extend priming of partially embedded members to a depth of 2 inches.
2. Surfaces to be field welded.
3. Surfaces to be high-strength bolted with slip-critical connections.
4. Surfaces to receive sprayed fire-resistive materials (applied fireproofing) excluding crawl space steel. Crawl space steel shall be primed regardless of whether it is to receive fireproofing.
5. Galvanized surfaces.

B. Surface Preparation: Clean surfaces to be painted. Remove loose rust and mill scale and spatter, slag, or flux deposits. Prepare surfaces according to the following specifications and standards:
1. SSPC-SP 2, "Hand Tool Cleaning."

C. Priming: Immediately after surface preparation, apply primer according to manufacturer's written instructions and at rate recommended by SSPC to provide a minimum dry film thickness of 1.5 mils. Use priming methods that result in full coverage of joints, corners, edges, and exposed surfaces.

D. Apply two coats of shop paint to surfaces that are inaccessible after assembly or erection. Change color of second coat to distinguish it from first.

E. Crawl space steel to be primed to a DFT between 2.5 and 3.5 mils.

F. Painting: Prepare steel and apply a one-coat, non-asphaltic primer complying with SSPC-PS Guide 7.00, "Painting System Guide 7.00: Guide for Selecting One-Coat Shop Painting Systems," to provide a dry film thickness of not less than 1.5 mils.

2.8 GALVANIZING

A. Hot-Dip Galvanized Finish: Apply zinc coating by the hot-dip process to structural steel according to ASTM A 123.
   1. Fill vent and drain holes that will be exposed in the finished Work unless they will function as weep holes, by plugging with zinc solder and filing off smooth.
   2. Galvanize lintels and shelf angles attached to structural steel frame and located in exterior walls.

2.9 SOURCE QUALITY CONTROL

A. Testing Agency: Refer Section 01 45 23.
   1. Provide testing agency with access to places where structural-steel work is being fabricated or produced to perform tests and inspections.

B. Correct deficiencies in Work that test reports and inspections indicate does not comply with the Contract Documents.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Verify, with steel Erector present, elevations of concrete and masonry bearing surfaces and locations of anchor rods, bearing plates, and other embedments for compliance with requirements.
   1. Prepare a certified survey of bearing surfaces, anchor rods, bearing plates, and other embedments showing dimensions, locations, angles, and elevations.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Provide temporary shores, guys, braces, and other supports during erection to keep structural steel secure, plumb, and in alignment against temporary construction loads and loads equal in intensity to design loads. Remove temporary supports when permanent structural steel, connections, and bracing are in place unless otherwise indicated.
   1. Do not remove temporary shoring supporting composite deck construction until cast-in-place concrete has attained its design compressive strength.

3.3 ERECTION

A. Set structural steel accurately in locations, to elevations indicated, and according to AISC 303 and AISC 360.

B. Base Bearing and Leveling Plates: Clean concrete- and masonry-bearing surfaces of bond-reducing materials, and roughen surfaces prior to setting plates. Clean bottom surface of plates.
   1. Set plates for structural members on wedges, shims, or setting nuts as required.
   2. Weld plate washers to top of baseplate.

3. Snug-tighten anchor rods after supported members have been positioned and plumbed. Do not remove wedges or shims but, if protruding, cut off flush with edge of plate before packing with grout.
4. Promptly pack grout solidly between bearing surfaces and plates so no voids remain. Neatly finish exposed surfaces; protect grout and allow it to cure. Comply with manufacturer's written installation instructions for shrinkage-resistant grouts.

C. Maintain erection tolerances of structural steel within AISC's "Code of Standard Practice for Steel Buildings and Bridges."

D. Align and adjust various members that form part of complete frame or structure before permanently fastening. Before assembly, clean bearing surfaces and other surfaces that will be in permanent contact with members. Perform necessary adjustments to compensate for discrepancies in elevations and alignment.
1. Level and plumb individual members of structure.
2. Make allowances for difference between temperature at time of erection and mean temperature when structure is completed and in service.

E. Splice members only where indicated.

F. Do not use thermal cutting during erection unless approved by Engineer. Finish thermally cut sections within smoothness limits in AWS D1.1.

G. Do not enlarge unfair holes in members by burning or using drift pins. Ream holes that must be enlarged to admit bolts.

H. Shear Connectors: Prepare steel surfaces as recommended by manufacturer of shear connectors. Use automatic end welding of headed-stud shear connectors according to AWS D1.1 and manufacturer's written instructions.

3.4 FIELD CONNECTIONS

A. High-Strength Bolts: Install high-strength bolts according to RCSC's "Specification for Structural Joints Using ASTM A 325 Bolts" for type of bolt and type of joint specified.
1. Joint Type: Snug tightened, Pretensioned, or Slip critical as indicated on Drawings.

B. Weld Connections: Comply with AWS D1.1 and AWS D1.8 for tolerances, appearances, welding procedure specifications, weld quality, and methods used in correcting welding work.
1. Comply with AISC 303 and AISC 360 for bearing, alignment, adequacy of temporary connections, and removal of paint on surfaces adjacent to field welds.
2. Remove backing bars or runoff tabs where indicated, back gouge, and grind steel smooth.
3. Assemble and weld built-up sections by methods that will maintain true alignment of axes without exceeding tolerances in AISC's "Code of Standard Practice for Steel Buildings and Bridges" for mill material.

3.5 FIELD QUALITY CONTROL

A. Testing Agency: See Section 01 45 23.

B. Correct deficiencies in Work that test reports and inspections indicate does not comply with the Contract Documents.

3.6 REPAIRS AND PROTECTION

A. Galvanized Surfaces: Clean areas where galvanizing is damaged or missing and repair galvanizing to comply with ASTM A 780.

B. Touchup Painting: Immediately after erection, clean exposed areas where primer is damaged or missing and paint with the same material as used for shop painting to comply with SSPC-PA 1 for touching up shop-painted surfaces.
   1. Clean and prepare surfaces by SSPC-SP 2 hand-tool cleaning or SSPC-SP 3 power-tool cleaning.

END OF SECTION 05 12 00

SECTION 08 33 26
OVERHEAD COILING GRILLES
ADDENDUM NO. 2

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 SUMMARY
A. Section includes overhead coiling grilles in corridors to close building areas during after-hours use.
B. Related Requirements
   1. Section 08 71 00, Door Hardware
   2. Section 09 22 16, Non Structural Metal Framing
   3. Section 09 29 00, Gypsum Board
   4. Section 09 30 00, Tiling
   5. Section 09 91 00, Painting

1.3 REFERENCES
A. Use current editions unless noted otherwise.
B. American Architectural Manufacturers Association (AAMA)
   1. AAMA 611, Voluntary Specification for Anodized Architectural Aluminum
   2. AAMA 2603, Voluntary Specification, Performance Requirements and Test Procedures for Pigmented Organic Coatings on Aluminum Extrusions and Panels
C. ASTM International (ASTM)
   1. ASTM A 653 - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
   2. ASTM A 666 - Standard Specification for Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar.
   3. ASTM A 924 - Standard Specification for General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process.
   4. ASTM B 221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.
   5. NEMA 250 - Enclosures for Electrical Equipment (1000 Volts Maximum).
   6. NEMA ICS 2 - Industrial Control and Systems: Controllers, Contactors, and Overload Relays, Rated Not More Than 2000 Volts AC or 750 Volts DC.
   7. NEMA MG 1 - Motors and Generators National Association of Architectural Metal Manufacturers (NAAMM)
D. 2010 ADA Standards for Accessible Design (SAD)
E. 2012 Texas Accessibility Standards (TAS)
F. Texas Health and Safety Code, Chapter 161, Subchapter Q, Installation of Asbestos
G. Texas Occupations Code, Chapter 1954, Asbestos Health Protection

1.4 PREINSTALLATION MEETINGS
A. Preinstallation Conference: Conduct conference at Project site to comply with requirements in Section 01 31 00, Project Management and Coordination.

1.5 ACTION SUBMITTALS

A. Submit product data for each type of product indicated. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes.
B. Include rated capacities, operating characteristics, electrical characteristics, and furnished accessories.
C. Submit product data for each type and size of overhead coiling grille and accessory. Include the following:
    1. Include plans, elevations, sections, and mounting details.
    2. Include details of equipment assemblies. Indicate dimensions, required clearances, method of field assembly, components, and location and size of each field connection.
    3. Include points of attachment and their corresponding static and dynamic loads imposed on structure.
    4. For exterior components, include details of provisions for assembly expansion and contraction.
    5. Show locations of controls, locking devices, and other accessories.
    6. Include diagrams for power, signal, and control wiring.
D. Samples for Initial Selection/Verification:
    1. Manufacturer's finish charts showing full range of colors and textures available for units with factory-applied finishes
    2. Submit sample Open-curtain grille with full-size components consisting of rods, spacers, and links as required to illustrate each assembly.

1.6 INFORMATIONAL SUBMITTALS

A. Submit Material Safety and Data Sheet (MSDS) for all materials, products, and parts.

1.7 CLOSEOUT SUBMITTALS

A. Maintenance Data: For overhead coiling grilles to include in maintenance manuals

1.8 QUALITY ASSURANCE

A. Installer Qualifications: Manufacturer's authorized representative who is trained and approved for both installation and maintenance of units required for this Project
B. Source Limitations: Obtain overhead coiling doors, including operators and controls from single source from single manufacturer.
C. Regulatory Requirements: Comply with applicable provisions in the 2010 ADA Standards for Accessible Design (SAD) and the 2012 Texas Accessibility Standards (TAS) for toilet compartments designated as accessible.

1.9 DELIVERY, STORAGE, AND HANDLING

A. Store products in manufacturer's unopened packaging until ready for installation.
B. Protect materials from exposure to moisture. Do not deliver until after wet work is complete and dry.
C. Store materials in a dry, warm, ventilated weathertight location.

1.10 WARRANTY

A. Provide written warranty against defects in material and workmanship for the work of this Section for a period of two years from the Date of Substantial Completion.
B. Refer to Section 01 77 00, Closeout Procedures, for Warranty form.

2 PRODUCTS

2.1 MANUFACTURERS

A. Cookson Company
B. Cornell Iron Works, Inc.

C. Overhead Door Corporation
D. Wayne-Dalton Corp.

2.2 DOOR CURTAIN MATERIALS AND CONSTRUCTION

A. Open-Curtain Grille: Overhead coiling grille with a curtain having a network of horizontal rods that interconnect with vertical links.
B. Basis of Design: Overhead Door Corporation Model 670 or equal per the requirements below from one of the listed manufacturers above.
    a. Operation Cycles: Grille components and operators capable of operating for not less than 10,000 Operation Cycles. One operation cycle is complete when a grille is opened from the closed position to the fully open position and returned to the closed position.
    b. Grille Curtain Material: Aluminum.
        1) Rod Spacing: 2 inches o.c.
        2) Link Spacing: Approximately 9 inches apart in a straight in-line pattern.
        3) Spacers: Metal tubes matching curtain material.
    c. Curtain Jamb Guides: Aluminum with exposed finish. Provide continuous integral wear strips to prevent metal-to-metal contact and to minimize operational noise.
    d. Hood: none. (Motor Concealed above ceiling)
    e. Locking Devices: locking device assembly.
        1) Locking Device Assembly: inside and outside with cylinders.
    f. Operator Controls: Control stations with open, close, and stop functions.
        1) Key operation. – Key and cylinder to match district standard key system. Refer to Section 08 71 00, Door Hardware.
        2) Flush mounting.
    g. Electric Grille Operator: Electric Motor Operation: Provide UL listed electric operator, size as recommended by manufacturer to move door in either direction at not less than 2/3 foot nor more than 1 foot per second.
    h. Sensing Edge Protection:
        1) Electric sensing edge.
    i. Motor Exposure: Interior.
        1) Motor Electrical Characteristics:
            a) Voltage: 208-V ac, three phase, 60 Hz.
    j. Emergency Egress:
        1) Provide code compliant emergency egress system that automatically unlocks and manually releases grille part way to permit passage, even if power is not available.
        2) Interlock to emergency generator and fire alarm to open automatically if fire alarm activates.
    k. Grille Finish:
        1) Aluminum Finish: Clear anodized
        2) PVC Spacers: Color as indicated by manufacturer's designations.

3 EXECUTION

3.1 EXAMINATION

A. Verify opening sizes, tolerances and conditions are acceptable.
B. Examine substrates areas and conditions, with Installer present, for compliance with requirements for substrate construction and other conditions affecting performance of the Work.
C. Examine locations of electrical connections.
D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. Install in accordance with manufacturer's instructions.
B. Use anchorage devices to securely fasten assembly to wall construction and building framing without distortion or stress.

C. Securely and rigidly brace components suspended from structure. Secure guides to structural members only.
D. Fit and align assembly including hardware; level and plumb, to provide smooth operation.

3.3 ADJUSTING

A. Adjust hardware and moving parts to function smoothly so that doors operate easily, free of warp, twist, or distortion.
B. Lubricate bearings and sliding parts as recommended by manufacturer.

3.4 CLEANING

A. Clean curtain and components using non-abrasive materials and methods recommended by manufacturer.
B. Remove labels and visible markings.
C. Touch-up, repair or replace damaged products before Substantial Completion.

3.5 DEMONSTRATION

A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain overhead coiling doors.

3.6 PROTECTION

A. Protect installed products until completion of project.

END OF SECTION 08 33 26

SECTION 10 14 00

SIGNAGE

ADDENDUM NO. 2

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 SUMMARY

A. Section includes:
   1. Exterior pole mounted marquee capable of two-sided display of school name and logo with the capability of a two-sided electronic message display, Handicapped Parking and Traffic Control Signs, Fire Department Connection (FDC) signage, post and panel signs, room identification, directional plaques, Fabricated Channel Characters, exterior and interior district logo signage and other graphics, the extent of which may be indicated or shown on the drawings

B. Related Sections
   1. Section 03 30 00, Cast-In-Place Concrete
   2. Section 04 20 00, Unit Masonry
   3. Section 10 14 23.16, Room Identification Panel Signage.

1.3 REFERENCES

A. Use current editions unless indicated otherwise.
B. American Architectural Manufacturers Association (AAMA)
   1. AAMA 2603, Voluntary Specification, Performance Requirements and Test Procedures for Pigmented Organic Coatings on Aluminum Extrusions and Panels
C. U. S. Department of Transportation, Federal Highway Administration (FHWA)
   1. Manual on Uniform Traffic Control Devices (MUTCD)
D. 2010 ADA Standards for Accessible Design (SAD)
E. 2012 Texas Accessibility Standards (TAS)
F. Texas Health and Safety Code, Chapter 161, Subchapter Q, Installation of Asbestos
G. Texas Occupations Code, Chapter 1954, Asbestos Health Protection

1.4 ACTION SUBMITTALS

A. Submit product data and installation instructions for each type of product indicated.
B. Submit complete shop drawings for marquee bearing the seal of a structural engineer registered to practice in the State of Texas. Shop drawings shall meet deferred submittal and/or sign permit requirements of City of Pearland for permitting.

1.5 INFORMATIONAL SUBMITTALS

A. Submit Material Safety and Data Sheet (MSDS) for all materials, products, and parts.

1.6 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference at Project site to comply with requirements in Section 01 31 00, Project Management and Coordination.

1.7 DELIVERY, STORAGE, AND HANDLING

A. Deliver all materials to the jobsite in manufacturer's original packaging and store protected from damage and exposure to the elements. Remove damaged materials from the project.

1.8 WARRANTY

A. Provide written warranty against defects in material and workmanship for the work of this Section for a period of Five year from the Date of Substantial Completion of the Project.
B. Refer to Section 01 77 00, Closeout Procedures, for Warranty form.
C. Provide web base software training for end-users.

2 PRODUCTS

2.1 MANUFACTURERS

A. Marquee Sign and Monument.
   1. Aria Signs & Design
   2. Baker Signs
   3. Chandler Signs
   4. National Signs
   5. Daktronics
   6. Watchfire

2.2 MATERIAL

A. Marquee: Basis of Design is based on the 10mm Electronic Cabinet from Watchfire.
   1. Each electronic display viewing area shall be 4'-0" high x 8'-0" wide, Double face electronic sign 120 VOLT 40.0 amps (20.00 per face) Single Phase Service (Refer to the Installation
   2. manual for details on wiring) internally illuminated, weatherproof, with two colors plus District ID and logo mounted above the electronic message sign. Housing shall be prefinished Aluminum, Fluropon Kynar 500 matt black or mil finish as selected by Architect.
      a. Communications: OPx-4G wireless with cellular data plan (Life-of-Sign data plan)
   3. Pole Cover shall be 3'-10" wide x 5'-8" high x 10" deep and constructed from prefinished aluminum, Fluropon Kynar 500 matt black or mil finish as selected by Architect. Total assembly of pole sign shall not exceed 12'-0" in height above grade.
   4. Provide a 11'-0" x 3'-0" x 6" thick concrete slab (reinforced with #3's at 18 inches each way) under pole cover.
   5. Pole sign assembly shall be designed to withstand a wind load as required by the building code, but not to be less than 110 mph.
   6. Sign components must bear the UL Label or equal.
B. Handicapped Parking and Traffic Control Signs
   1. Signs shall consist of Engineer Grade Reflective sheeting and inks on rust-free, heavy gauge, durable aluminum.
   2. Comply with Federal standards (Manual on Uniform Traffic Control Devices) for R7 Series and R8 Series signs, 2010 ADA Standards for Accessible Design (SAD), and 2012 Texas Accessibility Standards (TAS).

3 EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of signage work.
B. Verify that sign-support surfaces are within tolerances to accommodate signs without gaps or irregularities between backs of signs and support surfaces unless otherwise indicated.

C. Verify that sign surfaces are clean and free of materials or debris that would impair installation.
D. Verify that electrical service is correctly sized and located to accommodate signs.
E. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. Install handicapped parking signs in accordance with the requirements of the 2010 ADA Standards for Accessible Design (SAD) and 2012 Texas Accessibility Standards (TAS), whether or not detailed as such.
B. Install signs using mounting methods indicated and according to manufacturer's written instructions.
C. Install signs level, plumb, true to line, and at locations and heights indicated, with sign surfaces free of distortion and other defects in appearance.
D. Corrosion Protection: Coat concealed surfaces of exterior aluminum in contact with grout, concrete, masonry, wood, or dissimilar metals, with a heavy coat of bituminous paint.
E. Fabricated Channel Characters
    1. Mount characters in the location indicated on the drawings.
    2. Place spacers on studs, place sign in position with spacers pinched between sign and substrate, and install gasketing, washers and nuts on stud ends projecting through opposite side of surface, and tighten.

3.3 ADJUSTING AND CLEANING

A. Remove and replace damaged or deformed characters and signs that do not comply with specified requirements. Replace characters with damaged or deteriorated finishes or components that cannot be successfully repaired by finish touchup or similar minor repair procedures.
B. Remove temporary protective coverings and strippable films as signs are installed.
C. On completion of installation, clean exposed surfaces of signs according to manufacturer's written instructions, and touch up minor nicks and abrasions in finish. Maintain signs in a clean condition during construction and protect from damage until acceptance by Owner.

END OF SECTION 10 14 00

SECTION 09 21 13
PLASTER ASSEMBLIES

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 SUMMARY
A. Section includes stucco systems for suspended soffits, including hangers and framing.
B. Related Sections
   1. Section 20 00, Unit Masonry

1.3 REFERENCES
A. Use current editions unless indicated otherwise.
B. American Concrete Institute (ACI)
   1. ACI 524R, Guide to Portland Cement-Based Plaster
C. American Society for Testing and Materials (ASTM)
   1. ASTM A641 / A641M, Standard Specification for Zinc-Coated (Galvanized) Carbon Steel Wire
   2. ASTM A653 / A653M, Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process
   3. ASTM C91, Standard Specification for Masonry Cement
   4. ASTM C144, Standard Specification for Aggregate for Masonry Mortar
   5. ASTM C150 / C150M, Standard Specification for Portland Cement
   6. ASTM C847, Standard Specification for Metal Lath
   7. ASTM C897, Standard Specification for Aggregate for Job-Mixed Portland Cement-Based Plasters
   8. ASTM C926, Standard Specification for Application of Portland Cement-Based Plaster
   9. ASTM C932, Standard Specification for Surface-Applied Bonding Compounds for Exterior Plastering
   10. ASTM C954, Standard Specification for Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Steel Studs from 0.033 in. (0.84 mm) to 0.112 in. (2.84 mm) in Thickness
   11. ASTM C1002, Standard Specification for Steel Self-Piercing Tapping Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs
   12. ASTM C1032, Standard Specification for Woven Wire Plaster Base
   13. ASTM C1063, Standard Specification for Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-Based Plaster
   14. ASTM C1116 / C1116M, Standard Specification for Fiber-Reinforced Concrete
D. Expanded Metal Lath Association (EMLA) Division of the National Association of Architectural Metal Manufacturers (NAAMM)
   1. NAAMM EMLA 920, Guide Specifications for Expanded Metal Lathing and Furring
E. Portland Cement Association (PCA)
   1. Portland Cement Plaster/Stucco Manual
F. Texas Lathing and Plastering Contractors Association (TLPCA)
   1. Lath & Plaster System Manual
G. Texas Health and Safety Code, Chapter 161, Subchapter Q, Installation of Asbestos
H. Texas Occupations Code, Chapter 1954, Asbestos Health Protection

1.4 PREINSTALLATION MEETINGS
A. Preinstallation Conference: Conduct conference at Project site to comply with requirements in Section 01 31 00, Project Management and Coordination.

1.5 ACTION SUBMITTALS
A. Submit manufacturer's product data for each material to be incorporated into the plaster systems.

1.6 INFORMATIONAL SUBMITTALS
A. Submit Material Safety and Data Sheet (MSDS) for all materials, products, and parts.

1.7 QUALITY ASSURANCE
A. Subcontractors shall have a minimum of 3 years experience in projects of similar size and scope.
B. Perform all work in accordance with the requirements of ACI 524R, PCA Portland Cement Plaster/Stucco Manual, TLPCA Lath & Plaster System Manual, and other reference standards.

1.8 DELIVERY, STORAGE, AND HANDLING
A. Deliver all plaster materials to project site in original unopened packaging with labels intact and legible. Labeling of plaster materials shall include batch number and shelf life.
B. Deliver all trim accessories, lath and other specified products to be shipped to project site in original containers. Replace any damaged or bent materials.
C. Store all sack materials above ground, dry, and protected.
D. Handle products in accordance with manufacturer’s printed recommendations.

1.9 WARRANTY
A. Provide written warranty against defects in material and workmanship for the work of this Section for a period of one year from the Date of Substantial Completion.
B. Refer to Section 01 77 00, Closeout Procedures, for Warranty form.

2 PRODUCTS

2.1 MANUFACTURERS
A. Metal Lath and Accessories
   1. Alabama Metal Industries Corp. (AMICO)
   2. ClarkWestern Building Systems, Inc.
   3. Dietrich Metal Framing
   4. Fry Reglet
   5. Metalex
   6. Niles Building Products Company
   7. Phillips Manufacturing Company
   8. United States Gypsum Co.
   9. Steel Construction Systems
B. Portland Cement and Masonry Cement
   1. Ash Grove Cement Company
   2. Holcim (US) Inc
   3. Lehigh Cement Company
   4. National Gypsum Co.
   5. QUIKRETE
   6. Texas Industries, Inc.
   7. Parex USA
C. Acrylic Finish
   1. Acrocrete
   2. Dryvit Systems, Inc.
   3. Finestone
   4. QUIKRETE

5. Senergy
6. Sto Corp.
7. Parex USA

2.2 MATERIALS

A. Suspended Ceiling and Soffit Framing
   1. Wire
      a. Comply with the requirements of ASTM A641, galvanized, soft temper class 1 coating weight.
      b. Wire shall be galvanized annealed steel wire, in 18 gauge or 16 gauge as appropriate for use and shall comply with Federal Spec FSQQ-W-461g.AS.
   2. Cold Rolled Channels
      a. Channels shall have a minimum galvanized G60 coating in accordance with the requirements of ASTM A653.
      b. Channels shall be cold formed from steel with a minimum yield strength of 33,000 psi and have a bare metal thickness of not less than 0.0538 inches.
      c. Main runner channels shall be 1½ inch with a minimum flange width of ½ inch and a minimum weight of 414 lbs. per 1,000 linear feet.
      d. Cross furring channels shall be ¾ inch with a minimum flange width of ½ inch and a minimum weight of 277 lbs. per 1,000 linear feet.

B. Metal lath shall be self-furring diamond-mesh type weighing 3.4 lbs. per square yard, fabricated from hot dipped galvanized steel with a minimum G60 coating in accordance with the requirements of ASTM A653, and shall comply with the requirements of ASTM C847.

C. Accessories
   1. Choose accessories to the specified ground of the stucco system.
   2. Casing beads (Plaster Stop):
      a. Shall be AMICO zinc alloy X-66 Casing Bead (Plaster Stop) with 3” wings and grounds of depth of associated plaster or equivalent by a listed manufacturer.
   3. Corner beads:
      a. Shall be AMICO zinc alloy X-2 Corner Bead or equivalent by a listed manufacturer. Furnish and install at all outside corners.
   4. Control joints:
      a. Shall be AMICO Zinc Control Joint (CJ750 or CJ1000 as appropriate for thickness of plaster) or equivalent by a listed manufacturer.
   5. Expansion Joint:
      a. Shall be Amico no. 40 plaster expansion joint, grounds of depth of associated plaster or equivalent by a listed manufacturer.
   6. Corner Reinforcement
      a. Furnish and install galvanized 2" x 2" or corner master #30 USG Self- Edge Cornerite, or Cornermaster #30.
   7. Foundation screed:
      a. Shall be 26 gauge galvanized AMICO Foundation Weep Screed (No. 7) or equivalent by a listed manufacturer.
   8. Soffit Vent
      a. Design is based on Fry Reglet No. DS-875-V-200 or WPM-75-V-15 200; 2” reveal, vented soffit molding. Shape as applicable to application condition.
   9. Drip Screed:
      a. Shall be Fry Reglet Corp., aluminum drip screed DS-875 or equivalent by a listed manufacturer.

D. Screws shall be galvanized self-drilling or self-tapping as required and comply with the requirements of ASTM C954 or ASTM C1002.
   1. Screws fastening metal lath to steel framing shall have a 7/16 inch diameter pan wafer head and a 0.0120 inch diameter (#8) shank long enough to penetrate the framing a minimum of ⅜ inch.

2. Screws fastening metal lath to horizontal framing shall be as described above and shall contact at least three strands of lath, which may require the use of 1 inch o.d. x ¼ inch i.d. x 16 gauge cut washers.

E. Plaster Material
   1. Portland cement shall comply with the requirements of ASTM C150 Type I or Type I/II.
   2. Masonry cement shall comply with the requirements of ASTM C91 Type I or Type I/II.
   3. Sand
      a. Basecoat sand shall be natural or manufactured, washed and free of deleterious materials, and comply with the requirements of ASTM C144 or ASTM C897.
   4. Water used in mixing, application, and finishing of plaster shall be clean, fresh, suitable for domestic water consumption, and free of such amounts of mineral or organic substances as would affect the set, the plaster, or any metal in the system.
   5. Fibers shall be ½ inch long alkali-resistant glass fibers meeting the requirements of ASTM C1116. Use only types specifically manufactured for stucco basecoat.
   6. Acrylic finish shall be 100% pure acrylic based coating with integral color. Architect shall select texture and color from manufacturer's full range of standard textures and colors.

2.3 MIX PROPORTIONS

A. Use standard measuring devices and know volumes for all materials.
B. Sequential batches shall be proportionally alike.
C. Cement materials shall be based on full bag increments.
D. Shovel count may be used for measuring sand if standardized in advance.
E. Scratch Coat – Mix Proportions:
   1. 1 sack Portland cement (94 lbs.)
   2. 2 sacks masonry mix
   3. 9 cu. ft. sharp torpedo plaster sand
   4. 1-1/2 lbs. of 1/2" alkaline resistant fiberglass strands
F. Brown Coat – Mix Proportions:
   1. 1 sack Portland cement (94 lbs.)
   2. 2 sacks masonry mix
   3. 9 cu. ft. sharp torpedo plaster sand
   4. 1-1/2 lbs. of 1/2" alkaline resistant fiberglass strands
   5. Liquid or powdered waterproofing used according to the manufacturer's recommendations.
G. Acrylic Finish Coat:
   1. Factory mixed 100% pure acrylic based integral color. Architect shall select texture and color from manufacturer's full range of standard textures and colors.
H. Gypsum Plaster:
   1. Base coat lath, one part plaster to two parts sand by weight.
   2. Brown coat, one part plaster to three parts sand by weight.
   3. Finish coat, one part plaster to two parts sand.

3 EXECUTION

3.1 EXAMINATION

A. Carefully review the layout of the control joints indicated on the drawings. Notify the architect, in writing, if the layout indicated creates panels larger than 100 square feet in ceilings or soffits, if the layout indicated creates panels greater than 12 feet in length, if the layout indicated creates panels with a length to width ratio greater than 2½ to 1, or if the layout indicated creates weak points susceptible to cracking.
B. Carefully inspect installed work of other trades prior to starting lathing and plastering work to verify that work is complete to the point where work of this section may properly commence.
C. Notify the architect, in writing, of conditions detrimental to the proper and timely completion of the lathing and/or plastering work.
D. Do not begin installation until all unsatisfactory conditions are resolved.

3.2 INSTALLATION

A. Suspended Ceilings and Soffits

1. Framing
   a. Framing for suspended ceilings and soffits shall be erected so that the finished plaster surface is true to line and level with an allowable tolerance of ¼ inch in 10 feet.
   b. Attach wire hangers to the construction above the desired ceiling in a manner that will insure development of full hanger strength. Each wire hanger shall be terminated by three full turns around itself.
      1) Attach hangers to structural members.
      2) Do not attach hangers to steel roof or floor deck, ducts, pipes, or conduit.
   c. Where main runner channels are to be suspended from joists, and where spacing permits, run main runner channels transverse (in the opposite direction) to joists.
   d. Space main runner channels at not more than 48 inch centers and locate within 6 inches of walls to support cross furring channels.
   e. Saddle tie wire hangers to main runner channels in a manner that will restrain twisting and turning of the channels and that will insure development of full hanger strength. Each wire hanger shall be terminated by three full turns around itself.
   f. Space wire hangers at not more than 48 inch centers. Where ducts or other construction interfere with the location of hangers, install supplemental suspension members and hangers in form of trapezes or equivalent devices.
   g. Saddle tie cross furring channels spaced at not more than 16 inch centers at right angles to main runner channels. Provide additional cross furring channels to frame openings for light fixtures, access doors, grilles, and other devices.
   h. Do not allow any part of the suspension grid (main runner channels or cross furring channels) to come into contact with abutting walls, load bearing partitions, or penetrations such as columns. Maintain ½ inch clearance between cross furring channels and such abutting walls, partitions, and penetrations.
   i. Splice main runner channels and cross furring channels by lapping members a minimum of 12 inches and tying members at each end of splice with two loops of wire. Do not screw attach splices. Splices at control joints shall be tied loose enough to allow some telescoping of the channels, but tight enough to hold them in place.
2. Lath
   a. Install lath with the long direction of the sheets perpendicular to cross furring channels.
   b. Wire tie lath to cross furring channels at not more than 6 inches on center.
   c. Lap sheets a minimum of one inch at ends and sides. Locate and stagger end laps at cross furring channels. Tie lath at side laps between framing members with a single loop of wire at 8 inches on center.
3. Accessories
   a. Install accessories in the longest lengths possible.
   b. Install individual accessory sections to each other at end joints for accurate alignment.
   c. Install accessories in a manner that ensures a true, level, and plumb stucco surface.
   d. Install casing beads to terminate plaster at periphery of ceilings and soffits and at openings unless indicated otherwise on the drawings. Maintain ⅜ inch clearance between casing bead and adjoining walls and other abutting surfaces. Attach casing beads to cross furring channels and lath with wire ties. All junctions shall be mitered.
   e. Install metal corner beads on all external plaster corners in a single lengths where length of the corner does not exceed 12 feet. Fasten securely with tie wire spread 8 inches on center staggered in two wings.
   f. Install control joints for surface areas of approximately 150 square feet whether shown or not. Verify locations with Architect. Install where dissimilar back-up materials join whether detailed or not. Notify architect if plaster areas exceed 12 linear foot in length without a control joint. Attach control joints to cross furring channels and cut edges of abutting lath sheets with wire ties. It is not required to cut lath behind control points, it is required to cut lath behind expansion joints.

g. Install soffit vent molding continuous on three sides of horizontal plaster installations. Verify substrate for vent attachment and provide the appropriate type fastener for the application.
h. Lap lath over top of flanges of accessories.
i. Attachments shall be firm enough to hold accessories in place without misalignment during plastering.

4. Plaster
   a. Prepare plaster in mechanical mixers using sufficient water to produce plaster of a workable consistency and uniform color. Use only enough water to produce suitably plastic cementitious material.
   b. Plaster mixes for basecoats that have stiffened due to evaporation of water may be re-tempered one time by remixing with additional water to restore the required consistency. Discard plaster not used within 2½ hours from start of initial mixing.
   c. Verify lath and accessories are installed so as to provide proper screeds, thickness, and alignment for plastering and are free of deleterious amounts of rust, oil, or other foreign matter, which could cause bond failure or discoloration.
   d. Apply basecoats to entire horizontal surface and/or section without interruption or "cold joints".
   e. Do not use the "double-back" method of applying basecoats at ceilings or soffits.
   f. Apply stucco first ("scratch") coat in a nominal thickness of ⅜ inch completely embedding the lath and thick enough to allow for scoring of cement plaster surface.
   g. As soon as the first ("scratch") coat becomes firm, score the entire surface in one direction, uniformly and shallow (approximately ⅛ inch).
   h. Allow the first ("scratch") coat to cure for a minimum of 48 hours and become hard and rigid prior to application of the second ("brown") coat.
   i. Apply stucco second ("brown") coat in a nominal thickness of ⅜ inch over a damp first coat to bring combined nominal thickness of basecoats to ¾ inch. Apply with sufficient material and pressure to ensure tight uniform bond, but take care not to deform or crack the first coat. If required, apply a fine spray of clean water, so as to dampen only, allowing water sheen to disappear before applying second coat.
   j. Rod the second ("brown") coat to a true, even plane, filling surface defects with cement plaster.
   k. Float the second ("brown") coat surface uniformly after it has set and while moisture is still present to promote densification and provide a proper surface for application of finish coat.
   l. Protect basecoat from freezing for a period of 24 hours after application.
   m. Allow cement plaster basecoat to cure for a minimum of seven days prior to starting application of finish coat. Moist cure with a fine mist of clean water when ambient temperature is 77° F or higher and/or ambient relative humidity is below 70% and the conditions are windy.
   n. Apply acrylic finish with sufficient material to uniformly and completely cover basecoat in accordance with manufacturer's instructions.

3.3 ADJUSTING

A. Point up plaster around trim and at other locations where plaster meets dissimilar materials.
B. Remove defective, damaged, stained, or discolored plaster and patch or replace to match adjacent work in form, texture, and color.

3.4 CLEANING

A. Remove plaster and protective materials from accessories.
B. Clean plaster spots from work of other trades.

END OF SECTION 09 24 23

SECTION 12 24 13
ROLLER WINDOW SHADES
ADDENDUM NO.2

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 SUMMARY
A. Section includes room darkening motorized roller shades and accessories.
B. Related Requirements
   1. Section 06 10 53, Miscellaneous Rough Carpentry
   2. Section 09 22 16, Non-Structural Metal Framing
   3. Section 09 29 00, Gypsum Board
   4. Section 08 41 13, Aluminum-Framed Entrances and Storefronts
   5. Section 09 91 00, Painting

1.3 REFERENCES
A. Use current editions unless indicated otherwise.
B. American Society for Testing and Materials (ASTM)
   1. ASTM G21, Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi
C. National Fire Protection Association (NFPA)
   1. NFPA 70, National Electrical Code
   2. NFPA 701, Standard Methods of Fire Tests for Flame Propagation of Textiles and Films
D. Texas Health and Safety Code, Chapter 161, Subchapter Q, Installation of Asbestos
E. Texas Occupations Code, Chapter 1954, Asbestos Health Protection

1.4 PREINSTALLATION MEETINGS
A. Preinstallation Conference: Conduct conference at Project site to comply with requirements in Section 01 31 00, Project Management and Coordination.

1.5 ACTION SUBMITTALS
A. Submit product data for each type of product indicated.
B. Submit shop drawings showing plans, elevations, sections, product details, installation details, operational clearances, wiring diagrams and relationship to adjacent work.
C. Samples for Initial Selection: Submit one set of shade cloth options and aluminum finish color samples representing manufacturer's full range of available colors and patterns.

1.6 INFORMATIONAL SUBMITTALS
A. Submit Material Safety and Data Sheet (MSDS) for all materials, products, and parts.

1.7 CLOSEOUT SUBMITTALS
A. Submit maintenance data describing methods for maintaining roller shades, precautions regarding cleaning materials and methods, and instructions for operating hardware and controls to include in maintenance manuals.

1.8 QUALITY ASSURANCE

A. Manufacturer Qualifications: Obtain roller shades through one source from a single manufacturer with a minimum of 10 years' experience in manufacturing products comparable to those specified in this section.
B. Installer Qualifications: Installer trained and certified by the manufacturer with a minimum of 5 years' experience in installing products comparable to those specified in this section.
C. Fire-Test-Response Characteristics: Passes NFPA 701 small and large-scale vertical burn. Materials tested shall be identical to products proposed for use.
D. Electrical Components: NFPA 70 Article 100 listed and labeled by either UL or ETL or other testing agency acceptable to authorities having jurisdiction, marked for intended use, and tested as a system. Individual testing of components will not be acceptable in lieu of system testing.
E. Anti-Microbial Characteristics: 'No Growth' per ASTM G21 results for fungi ATCC9642, ATCC 9644,
F. and ATCC9645.

1.9 DELIVERY, STORAGE, AND HANDLING

A. Deliver shades in factory-labeled packages, marked with manufacturer and product name, firetest- response characteristics, and location of installation using same room designations indicated on Drawings.

1.10 PROJECT CONDITIONS

A. Environmental Limitations: Install roller shades after finish work including painting is complete and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.

1.11 WARRANTY

A. Roller Shade Hardware and Chain Warranty: Manufacturer's standard form non-depreciating 25 years limited warranty
B. Standard Shadecloth Warranty: Manufacturer's standard 25 years warranty
C. Roller Shade Motors and Motor Control Systems: Manufacturer's standard form non-depreciating five years warranty
D. Provide installers written warranty against defects in material and workmanship for the work of this Section for a period of one year from the Date of Substantial Completion.
E. Refer to Section 01 77 00, Closeout Procedures, for Warranty form.

2 PRODUCTS

2.1 MANUFACTURERS

A. MechoShade Systems, Inc.
B. Draper Inc.
C. Hunter Douglas Contract
D. Lutron Electronics Co., Inc.
E. Springs Window Fashions

2.2 ROLLER SHADE TYPES

A. Electro 3 Motorized Shades
    1. Mounting: As indicated on the drawings with removable closure
    2. Configuration: Single blackout shadecloth; refer to drawings for typical band configurations at each window
    3. Blackout Shadecloths: ThermoVeil 0700, laminated and embossed vinyl coated fabric blackout material
    4. Controls: Electrically operated, IQ/MLC low voltage control system

2.3 SHADE CLOTH

A. A. Room Darkening Shadecloth: MechoShade Systems, Inc., ThermoVeil 0700 series, blackout material, washable and colorfast laminated and embossed vinyl coated fabric, 0.012 inches thick blackout material and weighing 0.81 lbs. per square yard, with a minimum of 62 threads per square inch.

B. Color: To be selected from manufacturers standard range of colors.

2.4 SHADE BAND

A. Shade Bands: Construction of shade band includes the fabric, the hem weight, hem-pocket, shade roller tube, and the attachment of the shade band to the roller tube. Sewn hems and open hem pockets are not acceptable.

1. Hem Pockets and Hem Weights: Fabric hem pocket with RF-welded seams (including welded ends) and concealed hem weights. Hem weights shall be of appropriate size and weight for shade band. Hem weight shall be continuous inside a sealed hem pocket. Hem pocket construction and hem weights shall be similar, for all shades within one room.
2. Shade Band and Shade Roller Attachment:
    a. Use extruded aluminum shade roller tube of a diameter and wall thickness required to support shade fabric without excessive deflection. Roller tubes less than 1.55 inch in diameter for manual shades, and less than 2.55 inches for motorize shades are not acceptable.
    b. Provide for positive mechanical engagement with drive / brake mechanism.
    c. Provide for positive mechanical attachment of shade band to roller tube; shade band shall be made removable / replaceable with a "snap-on" snap-off" spline mounting, without having to remove shade roller from shade brackets.
    d. Mounting spline shall not require use of adhesives, adhesive tapes, staples, and/or rivets.
    e. Any method of attaching shade band to roller tube that requires the use of: adhesive, adhesive tapes, staples, and/or rivets are not acceptable.

2.5 SHADE FABRICATION

A. Fabricate units to completely fill existing openings from head to sill and jamb-to-jamb, unless specifically indicated otherwise.

B. Fabricate shadecloth to hang flat without buckling or distortion. Fabricate with heat-sealed trimmed edges to hang straight without curling or raveling. Fabricate unguided shadecloth to roll true and straight without shifting sideways more than ⅛ inch in either direction per 8 feet of shade height due to warp distortion or weave design. Fabricate hem as follows:

1. Standard concealed hem bar.

C. Provide battens in standard shades as required to assure proper tracking and uniform rolling of the shadebands. Contractor shall be responsible for assuring the width-to-height (W:H) ratios shall not exceed manufacturer's standards or, in absence of such standards, shall be responsible for establishing appropriate standards to assure proper tracking and rolling of the shadecloth within specified standards. Battens shall be roll-formed stainless steel or tempered steel, as required.

D. For railroaded shadebands, provide seams in railroaded multi-width shadebands as required to meet size requirements and in accordance with seam alignment as acceptable to Architect. Seams shall be properly located. Furnish battens in place of plain seams when the width, height, or weight of the shade exceeds manufacturer's standards. In absence of such standards, assure proper use of seams or battens as required to, and assure the proper tracking of the railroaded multi-width shadebands.

E. Provide battens for railroaded shades when width-to-height (W:H) ratios meet or exceed manufacturer's standards. In absence of manufacturer's standards, be responsible for proper use and placement of battens to assure proper tracking and roll of shadebands.

F. Blackout shadebands, when used in side channels, shall have horizontally mounted, roll-formed stainless steel or tempered-steel battens not more than 3 feet on center extending fully into the side channels. Battens shall be concealed in a integrally-colored fabric to match the inside and outside colors of the shadeband, in accordance with manufacturer's published standards for spacing and requirements.
G. Battens shall be roll formed of stainless steel or tempered steel and concave to match the contour of the roller tube.
H. Batten pockets shall be self-colored fabric front and back RF welded into the shadecloth. A self-color opaque liner shall be provided front and back to eliminate any see through of the batten pocket that shall not exceed 1½ inches high and be totally opaque. A see-through moire effect, which occurs with multiple layers of transparent fabrics, is not acceptable.

2.6 COMPONENTS

A. Access and Material Requirements:
   1. Provide shade hardware allowing for the removal of shade roller tube from brackets without removing hardware from opening and without requiring end or center supports to be removed.
   2. Provide shade hardware that allows for removal and re-mounting of the shade bands without having to remove the shade tube, drive or operating support brackets.
   3. Use only Delrin engineered plastics by DuPont for all plastic components of shade hardware.
   4. Styrene based plastics, and /or polyester, or reinforced polyester will not be acceptable.
B. Electro 3 Motorized Shade Hardware and Shade Brackets:
   1. Provide shade hardware constructed of minimum ⅛ inch thick plated steel, or heavier, thicker, as required to support 150 percent of the full weight of each shade.
   2. Provide shade hardware system that allows for field adjustment of motor or replacement of any operable hardware component without requiring removal of brackets, regardless of mounting position (inside, or outside mount).
   3. Provide shade hardware system that allows for operation of multiple shade bands offset by a maximum of 8-45 degrees from the motor axis between shade bands (4-22.5 degrees) on each side of the radial line, by a single shade motor (multi-banded shade, subject to manufacturer's design criteria).

2.7 SHADE MOTOR DRIVE SYSTEM

A. Shade Motors:
   1. Tubular, asynchronous (non-synchronous) motors, with built-in reversible capacitor operating at 110v AC (60hz), single phase, temperature Class A, thermally protected, totally enclosed, maintenance free with line voltage power supply equipped with locking disconnect plug assembly furnished with each motor.
   2. Conceal motors inside shade roller tube.
   3. Maximum current draw for each shade motor of 2.3 amps
   4. Use motors rated at the same nominal speed for all shades in the same room.
B. Total hanging weight of shade band shall not exceed 80% of the rated lifting capacity of the shade motor and tube assembly.

2.8 MOTOR CONTROL SYSTEMS

A. Wall Switches
   1. Mecho IQ wall switch (IMLC-DS05-AS-WH)
      a. Single Station 5-button (open, close, and three intermediate stop positions).
         1) One per shade.
      b. Presets:
         1) Minimum of three customizable preset positions accessible over the local dry contact control inputs and over the network connection.
         2) Preset positions: Customizable to any position between and including defined upper and lower limits (initially defaults to 25, 50, and 75 percent of shade travel).

3) Configuration of Custom Preset Positions: A handheld removable program module/configurator or a local switch

2. Connect local wall switches to control system components via low voltage (12V DC) 4-conductor modular cable equipped with RJ-11 type connectors supplied, installed and certified under Division 26 - Electrical.
3. Connect master wall switches to control system components via low voltage (12V DC) 6-conductor modular cable equipped with RJ-12 type connectors supplied, installed and certified under Division 26 - Electrical.

2.9 ACCESSORIES

A. Fascia
   1. Continuous removable extruded aluminum fascia that attaches to shade mounting brackets without the use of adhesives, magnetic strips, or exposed fasteners
   2. Fascia shall be able to be installed across two or more shade bands in one piece.
   3. Fascia shall fully conceal brackets, shade roller and fabric on the tube.
   4. Provide bracket / fascia end caps where mounting conditions expose outside of roller shade brackets.
   5. Notching of fascia for manual chain is not acceptable.
   6. Finish: Clear Anodized.

3 EXECUTION

3.1 EXAMINATION

A. Do not begin installation until substrates have been properly prepared.
B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 PREPARATION

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

3.3 INSTALLATION

A. Install roller shades level, plumb, square, and true according to manufacturer's written instructions, and located so shade band is not closer than 2 inches to interior face of glass. Allow proper clearances for window operation hardware.
B. Adjust and balance roller shades to operate smoothly, easily, safely, and free from binding or malfunction throughout entire operational range.
C. Clean roller shade surfaces after installation, according to manufacturer's written instructions.
D. Engage Installer to train Owner's maintenance personnel to adjust, operate and maintain roller shade systems.

3.4 PROTECTION

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

END OF SECTION 12 24 13

SECTION 13 31 23
PRE-ENGINEERED FABRIC TENSION STRUCTURES
ADDENDUM NO. 2

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 SUMMARY
A. The shade structure manufacturer shall be responsible for the design, engineering, fabrication and supply of the work specified herein.
B. Related Requirements
   1. Section 03 30 00, Cast-In-Place Concrete
   2. Section 07 92 00, Joint Sealants

1.3 PERFORMANCE REQUIREMENTS
A. Pre-Engineered Package: The proposed structure(s) by manufacturer or approved equal shall be modular and prefabricated, and include the structural steel frame, fabric roof, steel cables, all fasteners, and detailed installation instructions of structure(s) including foundations. The proposed structure(s) also need to include engineering drawings and calculations.
B. The shade structure shall conform to the current adopted version of the International Building Code including local agency amendments and additions to the code.
C. All shade structures shall be engineered and designed to meet a minimum.
   1. 90 mph nominal wind load (or 115 mph ultimate wind speed) with fabric attached.
   2. 150 mph nominal wind load without fabric (steel frame only.)
   3. 5 psf snow load.

1.4 PREINSTALLATION MEETINGS
A. Preinstallation Conference: Conduct conference at Project site to comply with requirements in Section 01 31 00, Project Management and Coordination.

1.5 SUBMITTALS
A. Submit manufacturer's product data, specifications and installation instructions for building components and accessories.
B. Delegated-Design Submittal: Provide wet sealed structural engineering drawings and calculations as deferred submittal for approval to include:
   1. Submit shop drawings indicating plan dimensions, elevations, and details. Include details, sizes, frames and supports. Include unit dimensions related to supporting and adjoining structure. Include anchorage details and locations. Provide wet sealed structural engineering drawings and calculations as deferred submittal for approval
   2. Submit design calculations bearing the seal of a Registered Professional Engineer, licensed in the state where the project is located. Include a comprehensive analysis of design loads, including dead loads, live loads, snow loads, snow drift loads, wind loads, collateral loads, and thermal movement.
   3. Provide proof of installed reference sites with structures for similar scope of a project and installation that are engineered to the latest IBC specifications. Include in reference, list of structure dimensions with install dates and project locations.
   4. Provide fabric samples to demonstrate fabric color range and paint color selections.

1.6 QUALITY ASSURANCE

A. Sun control devices shall be produced and installed by a listed manufacturer with at least five years experience in the design, fabrication, and installation of extruded aluminum sun control assemblies.
B. Components shall be assembled in shop to greatest extent possible to minimize field assembly.

1.7 DELIVERY, STORAGE, AND HANDLING

A. Deliver materials to the Project site in manufacturer's original packaging, labeled with manufacturer's name, material or product brand name, and lot number, if any.
B. Store materials in their original, undamaged packages and containers, inside a well-ventilated area protected from weather, moisture, soiling, extreme temperatures, and humidity.

1.8 WARRANTY

A. The manufacturer shall provide a 10-year non-prorated warranty on the shade fabric and Teflon stitching against cracks, tears, material breakdown or significant fading as a direct result of ultraviolet exposure with the exception of Red, which carries a 3-year limited warranty. Shade fabrics over 40' in length carry a limited 5-year non-prorated warranty.
B. The manufacturer shall provide a 20-year non-prorated warranty against failure due to rust-through corrosion on steel frames.
C. The manufacturer shall provide a 1-year warranty on all moving parts, surface coat finish, or any other product or part not covered by the above warranties.
D. Refer to Section 01 77 00, Closeout Procedures, for Warranty form.

2 PRODUCTS

2.1 MANUFACTURERS

A. Modern Shade, LLC
B. USA Shade
C. Shade Systems, Inc.

2.2 MATERIALS

A. Basis of design: The design is based on the "T-Post Hip Roofline" by Modern Shade, LLC. 4213 Felter Lane, Austin, TX. 78744.
B. Framing:
   1. Utilized per manufacturer's specifications and sealed engineering drawings
   2. Rolled steel plates, shapes, and bars shall be structural quality carbon steel complying with ASTM A- 36, except where engineer drawings specify otherwise.
   3. Structural steel tubular products shall be cold-formed structural quality carbon steel complying with ASTM A-500, Grade B except where engineer drawings specify otherwise.
   4. Galvanized tubing material shall be corrosion resistant using patented Flo-Coat TM with polymer coating applied to seal and protect.
   5. Reinforcement steel as required or designed per detailed specifications excepted by Structural Engineer.
   6. All structural steel shall be fabricated and erected in accordance by and as recommended by the AISC Manual of Steel Construction.
C. Shade Fabric and Thread:
   1. High-density polyethylene woven architectural fabric, 85% - 98.8% Ultraviolet Resistant.
   2. ALL fabric seams shall be sewn with minimum 2000 Denier PTFE thread utilizing the lock stich sewing method. PTFE Thread will not lose any significant strength due to UV or chemical exposure. Chain stitching of any kind shall not be used.
   3. Water runoff: Runoff Roof Angle 75% - 14 degrees
   4. Provides an average of 85% or greater shade covered area.
   5. Temperature stability at a maximum +176degrees/-13degrees minimum.
   6. Utilized in accordance to manufacturer's shade cloth specifications product data, installation

instructions use limitations and recommendations for the entire structure, including both published data and specified data prepared for this project.

7. Approved Fire Rating as a result of the ASTM E-84 (Class A). Also available upon request substitute fabric with extra fire retardant to pass California Fire Marshall and NFPA 701 Test Method 1 & 2.
8. Fabric shall be lead free.
9. Fabric cable pockets are double folded to provide extra reinforcement.
10. Fabric corners shall be reinforced with minimum 3" internal seat belt webbing that connects each cable pocket opening in semi-arc pattern with cross section of webbing connecting to corner attachment. Standard and Super Structure Hips shall have a stainless-steel plate sewn into internal webbing pockets at each corner to prevent fabric from ripping out.
11. Color: To be selected from manufacturers full range from their Commercial 95 340 fabric line.

D. Steel Aircraft Cables and Tensioning:
   1. A. Standard min. 1/4" galvanized steel aircraft cable shall be utilized with a minimum tensile strength of 7,000 lbs. on standard structures and min. 3/8" galvanized steel cable with a minimum tensile strength of 14,400 lbs. on super structure sizes unless otherwise specified by the engineer of record.
   2. MaxTension™, our proprietary pulley system, is designed to keep the top fabric tight and firm.
   3. Smaller Structures under 30 ft. will have a single cable pass through the MaxTension™ pulley system at each corner in order to achieve required tension.
   4. Structures over 30 ft. require an independent cable on each side of the structure that passes through the MaxTension™ pulley system in order to achieve required tension.
   5. Sail Structures require an independent cable on each side of the fabric membrane sail which terminate into a delta. Cables must arrive from the factory with only one end terminated and the opposite "live" end open for required tensioning adjustments in the field. Unlike single point tension systems, our multi-point tension system allows each side to achieve maximum tension specific to the length of each span. Deltas shall be sewn into each attachment point using 3" minimum internal seat belt webbing for added strength. Fabric corners sandwiched between steel connector plates and squeezed together with bolts are not acceptable. Deltas attach to shackles and turnbuckles in order to achieve required tension and for easy removal and reattachment of the fabric. Turnbuckles may not be required on small sails.

E. Fasteners Bolted Connections:
   1. A. All nuts, bolts, anchor bolts, lock washers, cable locks, and threaded rods shall be medium carbon steel, stainless steel, or galvanized corrosion resistant: size and type to suit applications and meet requirements.
   2. Carbon steel connections shall conform to ASTM A-325 steel.
   3. Bolted connections shall be in conjunction with all related selections of this specification.
   4. All bolted connections shall be installed in accordance with Structural Specifications for Bolted Connections utilizing ASTM A-325 or ASTM A-490 Bolts.

F. Base Plate and Anchors:
   1. Steel plates shall be continually welded at the base of the post and bolted to the foundations.
   2. All steel plates shall be carbon steel connections shall conform to ASTM A-325.
   3. All anchor bolts and threaded rod shall be ASTM F-1554 unless otherwise specified by the engineer of record.
   4. Installation, design, and structural specifications shall be in accordance with ASTM Structural Specifications for Bolted Connections.
   5. Anchoring methods shall be in conjunction with all related selections of this specification.

G. Welding:
   1. All welds performed by AWS certified welder.
   2. Welding performed in accordance with the latest edition of the American Welding Society Structural Welding Code AWS D1.1
   3. Steel shall be welded as to develop the maximum strength at connections.
   4. According to selection, Engineer drawings shall specify particular sizes and types of welds.

5. Welds shall be visually inspected for soundness, smooth, even contour and freedom from undercutting and arc strikes. Minimum fillet welds 3/16" on small upper frames and 1/4" everywhere else. Welds shall be continuous.
6. Standard practice welding performed using 71A75 Duel Shielded Flux Core .045 wire.

H. Concrete Piers:
1. Concrete work shall be performed when outdoor temperatures are above 32 degrees Fahrenheit and conditions are relatively dry.
2. Utilizing a minimum concrete strength of 2500 psi high strength Ready Mix concrete with an approximate finished weight of 145 Lbs. per Cu. Ft.
3. Reinforcing steel shall be detailed, fabricated, and placed in accordance with the latest ACI Detailing Manual and Manual of Standard Practice.
4. Concrete shall be formed as to direct drainage from the site to prevent corrosion or rust in embedded post.

I. Foundations:
1. The foundation design shall be based on previous knowledge of soil conditions in the vicinity or existing surfaces and building codes and structural load requirements in accordance with American Concrete Institute, ACI 318-05.

J. Structure and Accessories Finish: Powder Coated
1. A. All Structural Steel shall be blasted and treated with de-greaser to remove any unwanted substances.
2. Pre-heated to remove any welding gas impurities and moisture.
3. All Structural Steel (galvanized and non-galvanized) including welds to be primed with Zinc rich primer.
4. Powder coated in the approved color by electro-statically applying and backing at 400 degrees Fahrenheit to a minimum thickness between 4.0 – 6.0 mil for a consistent glossy finish.
5. TGIC polyester powder shall meet or exceed ASTM standards for adhesion, hardness, impact, flexibility, over bake resistance, and sea spray resistance.
6. Color: To be selected from manufacturer's full range of power color finish options.

3 EXECUTION

3.1 PREPARATION

A. Prepare surfaces according to the manufacturers' guidelines.
B. Locate piers according to the plans provided by manufacturer.

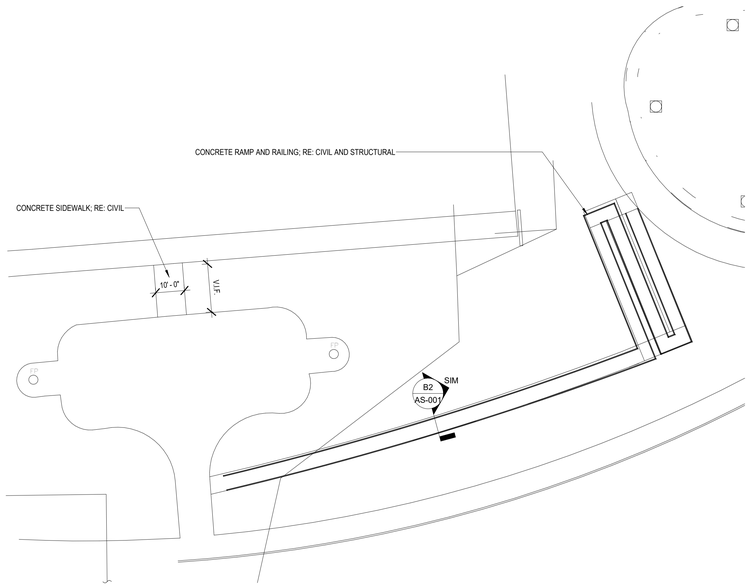
3.2 INSTALLATION

A. Install in accordance with manufacturer's guidelines.
B. Coordinate installation with adjacent work.
C. Place on prepared concrete foundations or footings as specified.
D. Anchor securely in place.
E. Must apply silicone to all slip fit connections to avoid rust.

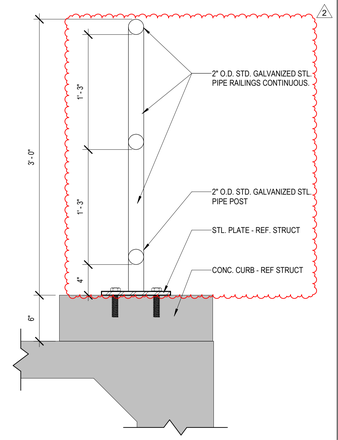
3.3 PROTECTION

A. Protect materials during and after installation until project is completed to prevent damage.
B. Touch-up, repair or replace any products that might have been damaged during installation before substantial completion.

END OF SECTION 13 31 23



B1 SITE PLAN - STADIUM RAMP
3/64" = 1'-0"



B2 RAILING DETAIL
1 1/2" = 1'-0"

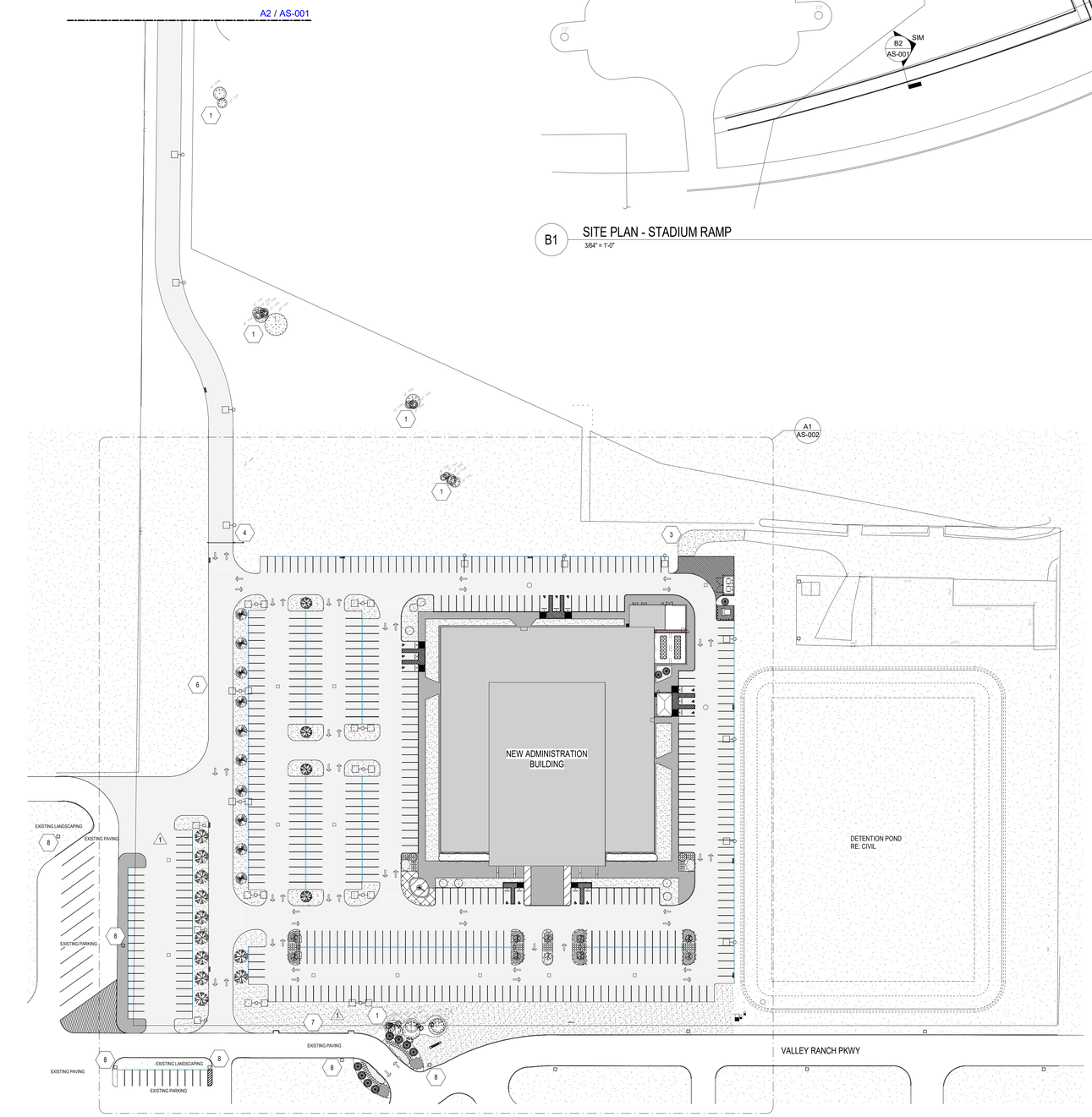
SHEET NOTES

COMPOSITE SITE PLAN KEYED NOTES:

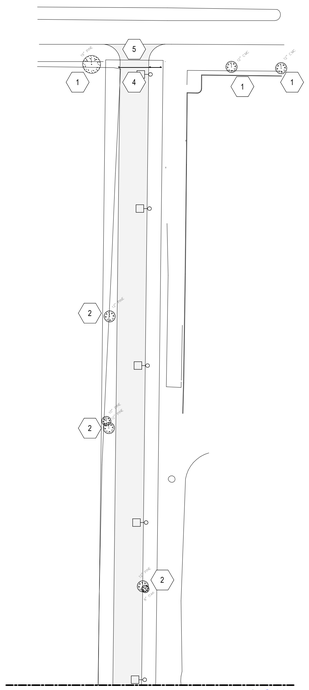
1. EXISTING TREES TO REMAIN AND PROTECTED. REFER TO LANDSCAPE DETAIL C/L-101
2. EXISTING TREE TO BE REMOVED. REFER TO CIVIL SHEET C2.00
3. PROPOSED GRAVEL ROAD. REFER TO CIVIL SHEET C3.00.
4. PROPOSED SITE GATE. RE: GATE SCHEDULE ON SHEET AS-002.
5. REFER TO CIVIL FOR COUNTY ROAD TIE-IN DETAILS.
6. COORDINATE CURB LEAVE OUT LOCATION. REFER TO CIVIL SHEET C4.00
7. EXISTING CURB TO REMAIN AND PROTECTED. REFER TO CIVIL DRAWINGS
8. 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



A1 ARCHITECTURAL COMPOSITE SITE PLAN
1/64" = 1'-0"



A2 ARCHITECTURAL COMPOSITE SITE PLAN
1/64" = 1'-0"

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Landscaping:
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Structural Engineers:
Dally + Associates, Inc.

MEPT ENGINEERS
Salas O'Brien

REV.	DATE	DESCRIPTION
1	05/20/25	ADDENDUM 1
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT JOHN M. MILLER 27116 STATE OF TEXAS
6/02/2025

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

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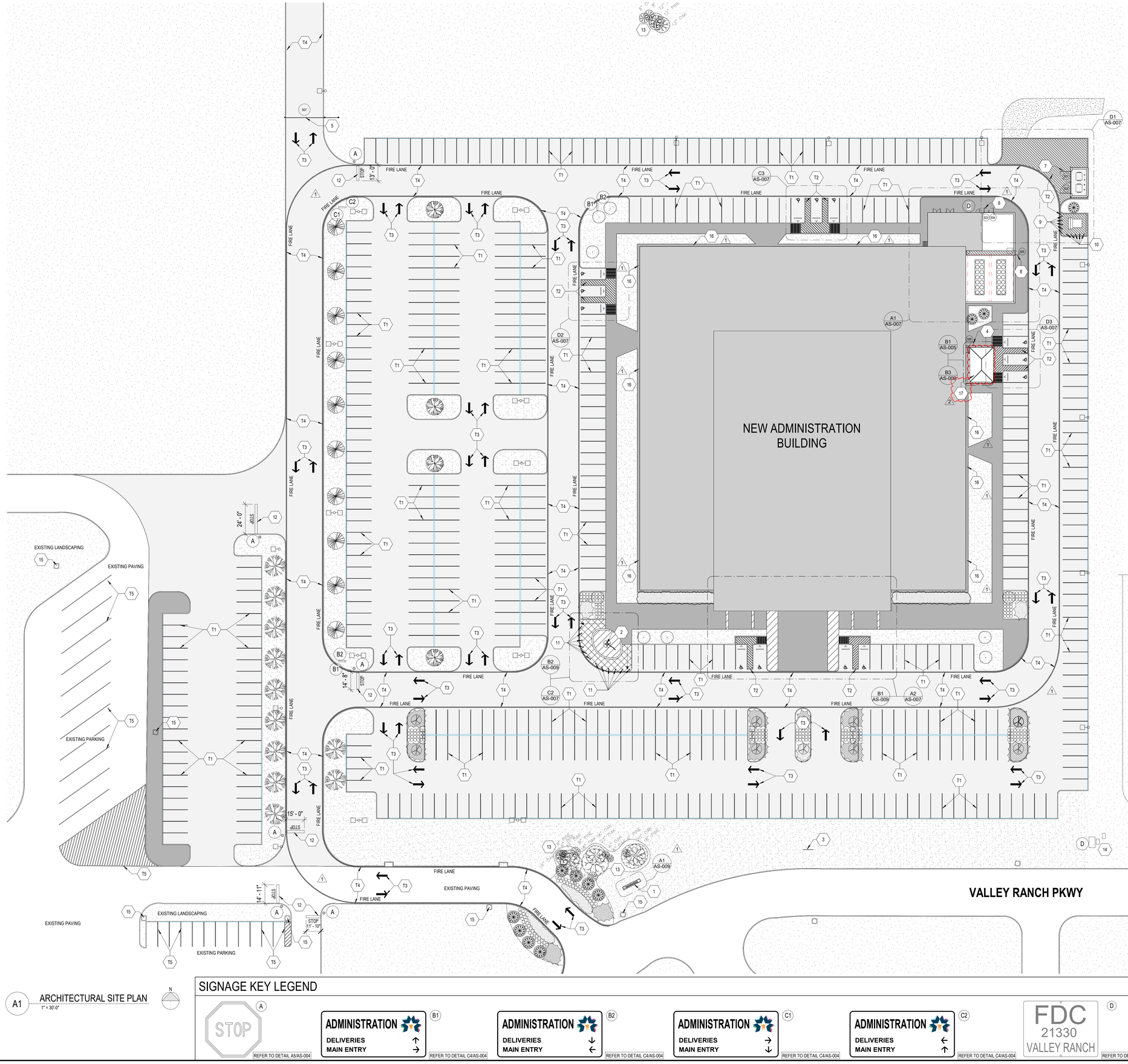

SHEET NOTES

PARKING COUNT: 544 (1) ADA COUNT: 13

PROFESSIONAL/OFFICE BUILDING PARKING COUNT

3 SPACES FOR FIRST 1,000 SF	= 3 PARKING SPACES
1 ADDITIONAL SPACE PER EACH 200 SF UP TO 20,000 SF	= 95 PARKING SPACES
2 SPACES PER EACH1,000 SF OF G.F.A. (65,618 SF REMAINING)	= 131 PARKING SPACES
TOTAL REQUIRED	= 229 TOTAL SPACES

ASSEMBLY PARKING COUNT

1 SPACE PER 100 SF OF G.S.A. (12,000 SF)	= 120 PARKING SPACES
TOTAL REQUIRED PARKING COUNT	= 349 TOTAL SPACES

GATE SCHEDULE

DOOR NO.	WIDTH	HEIGHT	DETAIL	OVT HARDWARE SET	REMARKS
S01	8' - 8"	8' - 8"	A1/AS-005	J-1PL	2
S02	8' - 8"	8' - 8"	A1/AS-005	J-1PL	2
S03	3' - 8"	8' - 0"	A2/AS-005	J-1PL	2
S04	3' - 8"	8' - 0"	A2/AS-005	J-1PL	2
S05	3' - 3"	8' - 0"	A3/AS-005	J715	5
S06	3' - 0"	6' - 0"	C2/AS-005	J-1PL	2
S07	32' - 0"	3' - 6"	B2/AS-005	J-1PL	3, 4
S08	32' - 0"	3' - 6"	B2/AS-005	J-1PL	3, 4

GATE SCHEDULE REMARKS

1. PROVIDE CARD READER AT THIS LOCATION. COORDINATE WITH DOOR HARDWARE, ELECTRICAL, AND TECHNOLOGY PLANS AND SPECIFICATIONS.
2. PROVIDE PADLOCK AT THIS LOCATION WITH REMOVABLE CORE RE: HARDWARE SCHEDULE.
3. PROVIDE KNOX PADLOCK. MODEL # 3781 EXTERIOR RATED WITH 3" SHACKLE LENGTH. DOUBLE LOCK WITH DISTRICT STANDARD LOCK RE: ITEM 2 ABOVE.
4. PROVIDE SOLID RUBBER SUPPORT WHEELS AT END OF GATES WIDER THAN 10'-0"
5. PROVIDE KEYED LOCK AND PANIC HARDWARE AT THIS LOCATION. COORDINATE WITH DOOR HARDWARE.

GENERAL SITE PLAN NOTES

1. REFER TO CIVIL DRAWINGS FOR GRADING AND PAVING DIMENSIONS AND NOTES.
2. REFER TO CIVIL DRAWINGS FOR FIRE LANE MARKING LOCATIONS.
3. FOR NUMERICAL KEYNOTES, REFER TO SITE PLAN KEYED NOTES.
4. FOR ALPHABETICAL KEYNOTES, REFER TO SIGNAGE KEY LEGEND.
5. COORDINATE WITH OWNER/ARCHITECT FOR FINAL TRAFFIC STRIPING AND ARROW COLORS.

TRAFFIC STRIPING PLAN NOTES (TX)

- T1 4" WIDE PARKING LANE STRIPING - COLOR TO BE WHITE
- T2 4" WIDE ACCESS AISLE STRIPING @ 2'-0" O.C. - COLOR TO BE WHITE
- T3 DIRECTIONAL ARROW - COLOR TO BE WHITE. RE: CIVIL
- T4 DESIGNATED FIRE LANE CURB AND DRIVE TO BE PAINTED RED WITH 4" WHITE LETTERS TO READ "NO PARKING / FIRE LANE". PAINT ON CURB WHERE AVAILABLE. COORDINATE FINAL LOCATIONS WITH FIRE MARSHAL, CIVIL, OWNER, AND ARCHITECT PRIOR TO INSTALL.
- T5 EXISTING STRIPING TO BE REPAINTED

SITE PLAN KEYED NOTES (XX)

1. MONUMENT SIGN. RE: A1/AS-009 (1)
2. FLAGPOLE. RE: A1/AS-004
3. JOB SIGN. REFER TO DETAIL D5/AS-004
4. ORNAMENTAL GATE. REFER TO DETAIL B3/AS-005
5. ROLLING GATE. REFER TO DETAIL D1/AS-005
6. 6'-0" WIDE GATE. REFER TO DETAIL A2/AS-005
7. 18'-0" WIDE GATE. REFER TO DETAIL A1/AS-005
8. 3'-0" WIDE GATE. REFER TO DETAIL A3/AS-005
9. REMOVABLE PIPE BOLLARDS. RE: D2/AS-004
10. FIXED PIPE BOLLARDS. RE: C2/AS-004
11. ILLUMINATED ALUMINUM SECURITY BOLLARDS. RE: D3/AS-004
12. STOP BAR. RE: C3/AS-004
13. TREES ARE EXISTING TO REMAIN. REFER TO LANDSCAPE DRAWINGS FOR TREE PROTECTION NOTES.
14. BACKFLOW PREVENTERS. REFER TO CIVIL & LANDSCAPE
15. EXISTING LIGHT POLE TO REMAIN AND PROTECTED. REFER TO CIVIL DRAWINGS
16. 2'-0" MOW STRIP AT PERIMETER OF BUILDING. (1) REFER TO CIVIL SHEET C4.00 (2)
17. SUNSHADE STRUCTURE RE: C2/AS-009 AND C3/AS-009

SIGNAGE KEY LEGEND

(A) STOP — REFER TO DETAIL A5/AS-004

(B1) ADMINISTRATION — DELIVERIES → MAIN ENTRY → — REFER TO DETAIL C4/AS-004

(B2) ADMINISTRATION — DELIVERIES ↓ MAIN ENTRY ← — REFER TO DETAIL C4/AS-004

(C1) ADMINISTRATION — DELIVERIES → MAIN ENTRY ↓ — REFER TO DETAIL C4/AS-004

(C2) ADMINISTRATION — DELIVERIES ← MAIN ENTRY ↑ — REFER TO DETAIL C4/AS-004

(D) FDC 21330 VALLEY RANCH — REFER TO DETAIL B1/AS-004

(E) FIRE RISER ROOM 21330 VALLEY RANCH — REFER TO DETAIL B5/AS-004

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Structural Engineers:
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MEPT ENGINEERS
Salas O'Brien

REV.	DATE	DESCRIPTION
1	05/20/25	ADDENDUM 1
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT — ADAM M. MEIER — 27116 — STATE OF TEXAS

6/02/2025

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

ARCHITECTURAL SITE PLAN

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

PROJECT MANAGER	DESIGNER
	Designer

JOB NO. 2023159.00

AS-002

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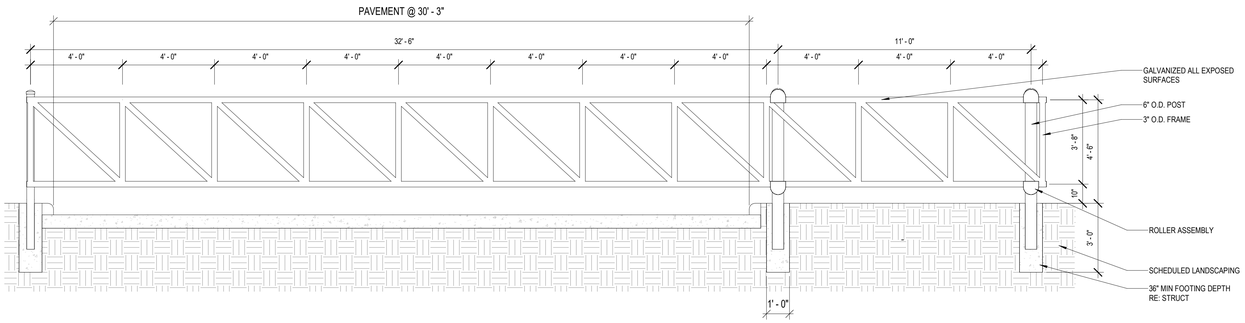
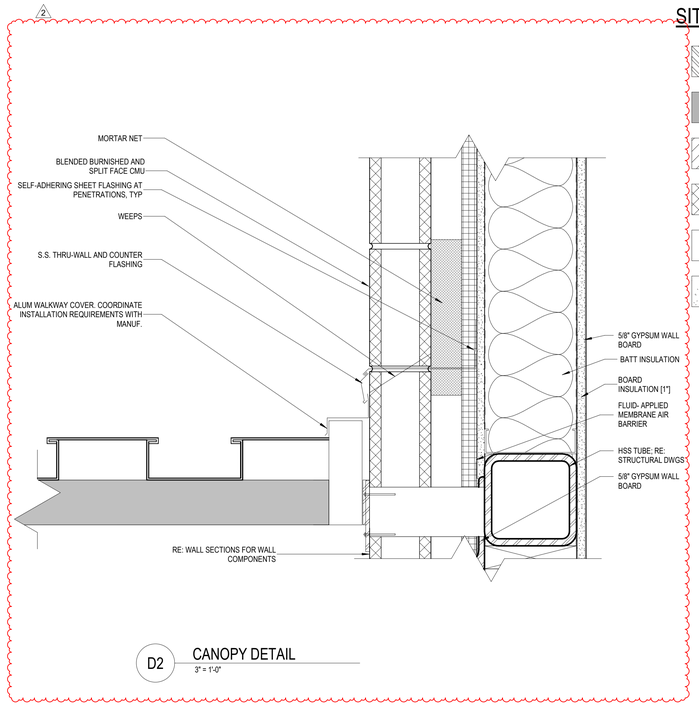


D1 ROLLING GATE ELEVATION
3/8" = 1'-0"

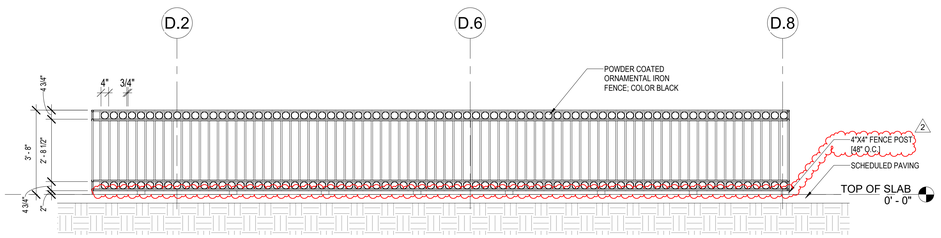


D2 CANOPY DETAIL
3" = 1'-0"

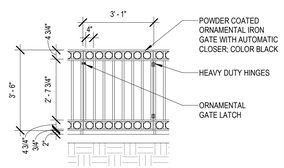
SITE PLAN LEGEND:

- PROPOSED STRIPING
- PROPOSED SIDEWALK
- PROPOSED STAMPED CONCRETE
- PROPOSED SLOPED SIDEWALK
- PROPOSED PAVING
- SODDED AREAS RE: LANDSCAPE DRAWINGS

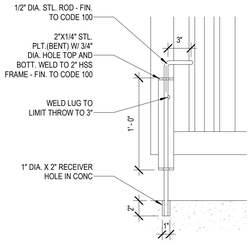
B1 ARCHITECTURAL SITE PLAN - BREAKROOM PATIO
1/8" = 1'-0"



B2 ORNAMENTAL FENCE SECTION
3/8" = 1'-0"



B3 ORNAMENTAL GATE ELEVATION
3/8" = 1'-0"



B4 CANE BOLT DETAIL
1 1/2" = 1'-0"

A1 DUMPSTER ENCLOSURE 18' - 0" GATE ELEVATION 1
3/8" = 1'-0"

A2 SERVICE YARD 8' - 0" GATE ELEVATION
3/8" = 1'-0"

A3 SERVICE YARD 3' - 0" GATE ELEVATION 1
3/8" = 1'-0"

A4 KNOX BOX DETAIL
1 1/2" = 1'-0"

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MEPT ENGINEERS
Salas O'Brien

REV.	DATE	DESCRIPTION
1	05/20/25	ADDENDUM 1
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
JOHN M. MILLER
27116
STATE OF TEXAS
6/02/2025

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

SITE DETAILS

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

PROJECT MANAGER	DESIGNER
	Designer

JOB NO.
2023159.00

AS-005

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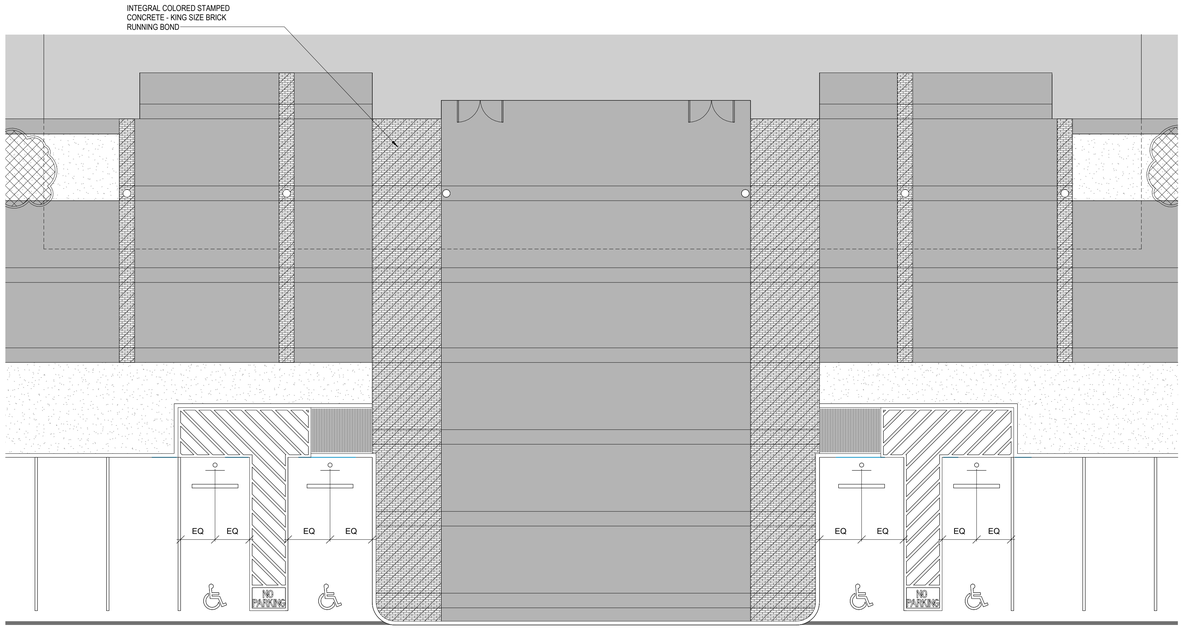
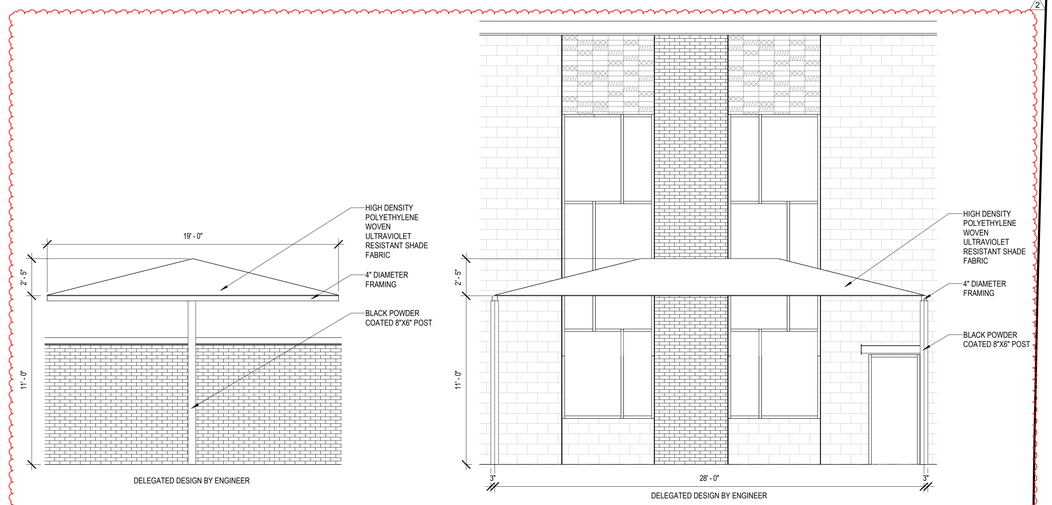
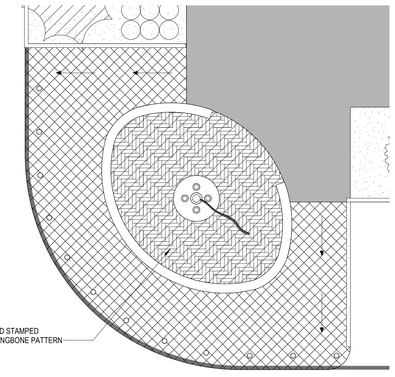


B1 ENLARGED FRONT ENTRY PLAN - STAMPED CONCRETE
1/8" = 1'-0"

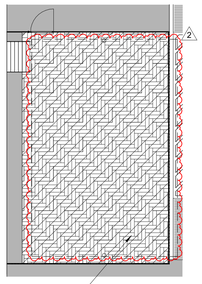


C2 SUNSHADE - SOUTH ELEVATION
1/4" = 1'-0"

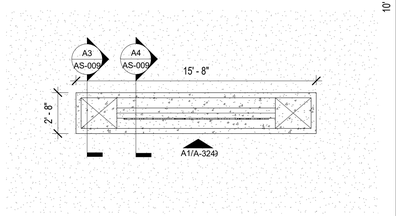
C3 SUNSHADE - EAST ELEVATION
1/4" = 1'-0"

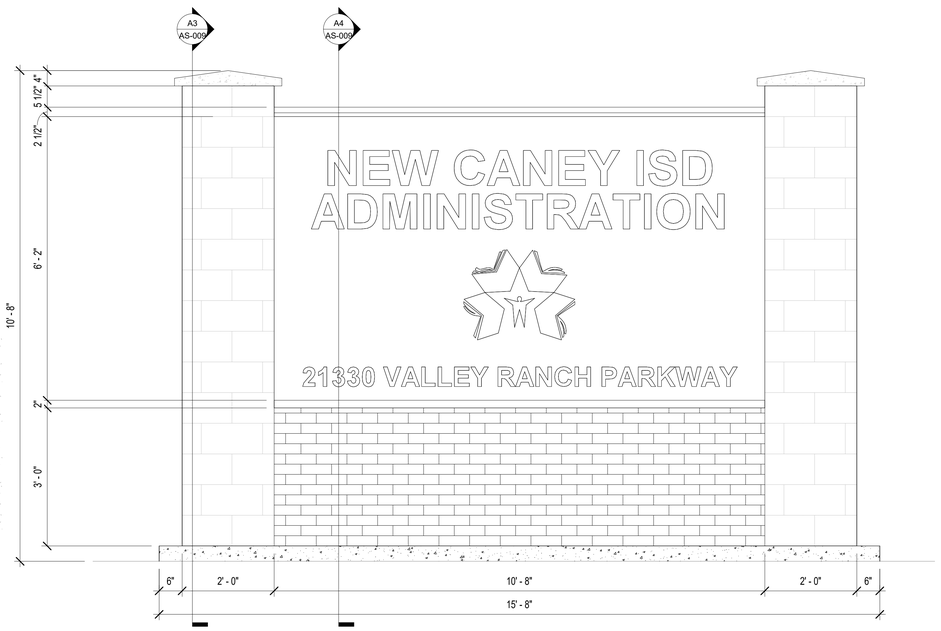


B2 ENLARGED FLAGPOLE PLAN - STAMPED CONCRETE
1/8" = 1'-0"



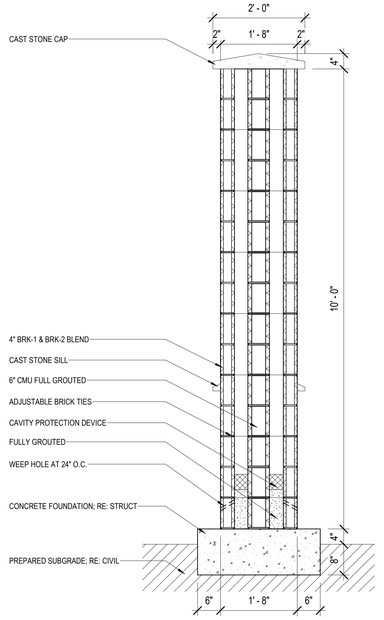
B3 BREAKROOM PATIO - STAMPED CONCRETE
1/8" = 1'-0"



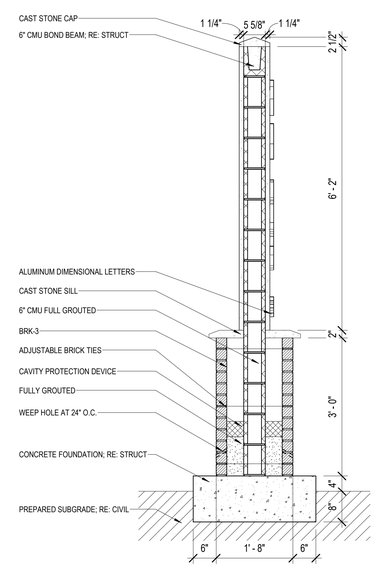


A1 MONUMENT SIGN
1/4" = 1'-0"

A2 MONUMENT SIGN
3/4" = 1'-0"



A3 MONUMENT SIGN - CMU SECTION
3/4" = 1'-0"



A4 MONUMENT SIGN - BRICK SECTION
3/4" = 1'-0"

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MEPT ENGINEERS
Salas O'Brien

REV.	DATE	DESCRIPTION
1	05/20/25	ADDENDUM 1
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
JOHN M. MCCLAIN
27116
STATE OF TEXAS
6/02/2025

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

ENLARGED SITE PLANS AND DETAILS

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

PROJECT MANAGER	DESIGNER
	Designer

JOB NO.
2023159.00

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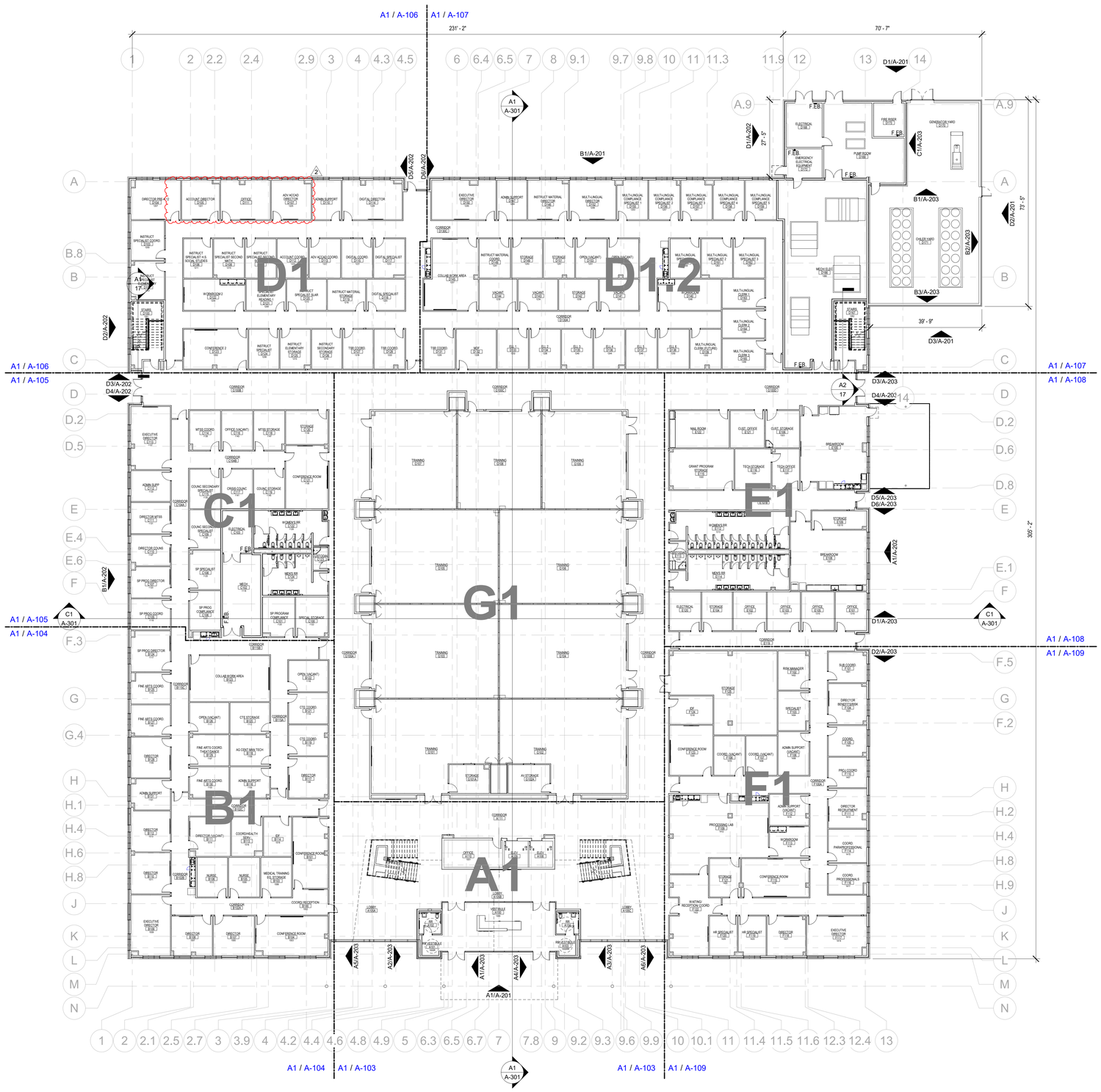

A1 FIRST FLOOR PLAN - COMPOSITE
1/16" = 1'-0"

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MEPT ENGINEERS
Salas O'Brien

REV.	DATE	DESCRIPTION
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT — 27116 — STATE OF TEXAS
6/02/2025

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

COMPOSITE FIRST FLOOR PLAN

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

PROJECT MANAGER	DESIGNER
FS	GL, SK, AC, JJ

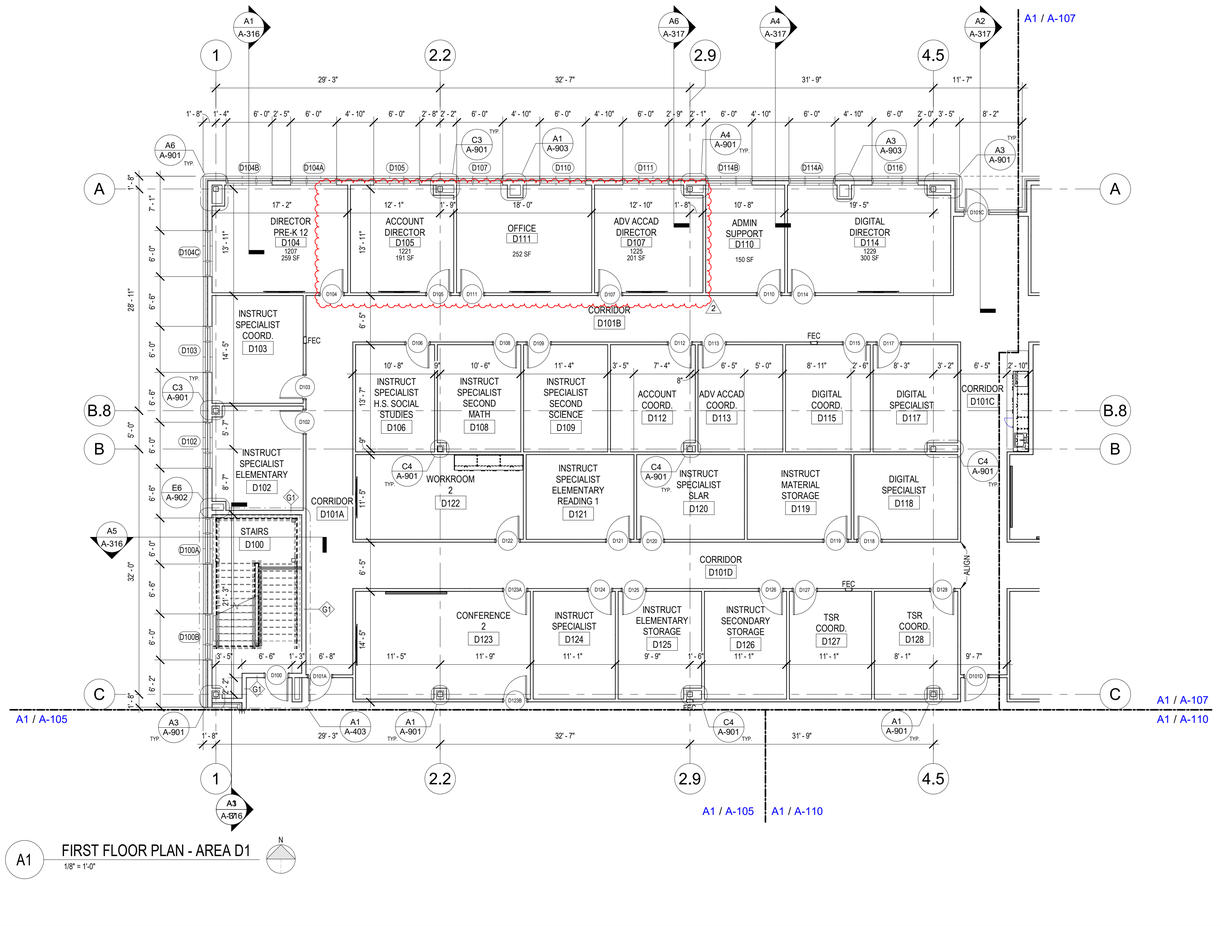
JOB NO.
2023159.00

A-101

DOOR SCHEDULE AREA D1

DOOR NO.	ROOM NO.	ROOM NAME	DOORS						FRAME				FIRE RATING	HEAD	JAMB	SILL	OVT Hardware Set	REMARKS
			WIDTH	HEIGHT	THICKNESS	DOOR TYPE	DOOR FINISH	DOOR GLAZING	FRAME ELEV.	FRAME MATERIAL	FRAME FINISH	FRAME THICKNESS						
D100	D100	STAIRS	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 8 1/4"	45 MIN	D2/A-504	B2/A-503	A2/A-504	701R	10
D101A	D101A	CORRIDOR	3' - 0"	7' - 0"	0' - 1 3/4"	AG	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-503	A2/A-504	C711	1
D101C	D101C	CORRIDOR	3' - 0"	7' - 0"	0' - 2"	AG	ALUM	G3	E1	ALUM	CLEAR ANODIZED	0' - 5 7/8"	--	D6/A-504	C4/A-504	A6/A-504	C715A	1
D101D	G100C	CORRIDOR	3' - 0"	7' - 0"	0' - 1 3/4"	AG	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	C711	1
D102	D102	INSTRUCT SPECIALIST ELEMENTARY	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
D103	D103	INSTRUCT SPECIALIST COORD.	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
D104	D104	DIRECTOR PRE-K 12	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
D105	D105	ACCOUNT DIRECTOR	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
D106	D106	INSTRUCT SPECIALIST H.S. SOCIAL STUDIES	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
D107	D107	ADV ACCAD DIRECTOR	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
D108	D108	INSTRUCT SPECIALIST SECOND MATH	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
D109	D109	INSTRUCT SPECIALIST SECOND SCIENCE	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
D110	D110	ADMIN SUPPORT	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	2
D111	D111	OFFICE	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
D112	D112	ACCOUNT COORD.	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
D113	D113	ADV ACCAD COORD.	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
D114	D114	DIGITAL DIRECTOR	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
D115	D115	DIGITAL COORD.	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
D117	D117	DIGITAL SPECIALIST	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
D118	D118	DIGITAL SPECIALIST	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
D119	D119	INSTRUCT MATERIAL STORAGE	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	201	
D120	D120	INSTRUCT SPECIALIST SLAR	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
D121	D121	INSTRUCT SPECIALIST ELEMENTARY READING 1	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
D122	D122	WORKROOM 2	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	501K	
D123A	D123	CONFERENCE 2	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	503	
D123B	D123	CONFERENCE 2	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	C201	
D124	D124	INSTRUCT SPECIALIST	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
D125	D125	INSTRUCT ELEMENTARY STORAGE	3' - 0"	7' - 0"	0' - 1 3/4"	F	PLAM	--	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	201	
D126	D126	INSTRUCT SECONDARY STORAGE	3' - 0"	7' - 0"	0' - 1 3/4"	F	PLAM	--	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	201	
D127	D127	TSR COORD.	3' - 0"	7' - 0"	0' - 1 3/4"	F	PLAM	--	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
D128	D128	TSR COORD.	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	

1



A1 FIRST FLOOR PLAN - AREA D1
1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. REFER TO EQUIPMENT PLANS FOR INFORMATION ON DIVISION 10, 11 AND 12 MATERIALS, FINISHES, AND EQUIPMENT.
2. REFER TO FLOOR FINISH PLANS FOR FLOOR TYPE AND PATTERNS.
3. REFER TO EQUIPMENT PLANS FOR INTERIOR ELEVATION TAGS.
4. REFER TO INTERIOR ELEVATIONS FOR INTERIOR COLORS AND FINISHES.
5. REFER TO SHEET A-501 FOR PARTITION TYPES.
6. REFER TO MECHANCIAL, ELECTRICAL, PLUMBING, AND TECHNOLOGY PLANS FOR SCOPE OF WORK.
7. ALL DIMENSIONS TO FACE OF DRYWALL U.N.O.
8. ALL PARTITION WALLS TO BE TYPE [A] U.N.O.
9. ALL EXPOSED VISIBLE STEEL TO BE PAINTED; RE: COLOR TO BE DETERMINED BY ARCHITECT.
10. EXTERIOR EXPOSED GALVANIZED COLUMNS TO BE PAINTED.

DOOR AND WINDOW SCHEDULE REMARKS

1. PROVIDE CARD READER AT THIS LOCATION. COORDINATE WITH DOOR HARDWARE, ELECTRICAL, AND TECHNOLOGY PLANS AND SPECIFICATIONS.
2. PROVIDE REMOTE DOOR RELEASE BUTTON FOR THIS LOCATION. REMOTE DOOR RELEASE BUTTON TO BE LOCATED AT CASEWORK. COORDINATE INSTALLATION WITH ELECTRICAL CONTRACTOR.
3. **NOT USED.**
4. INTEGRATED SOUND CONTROL DOOR ASSEMBLY - PROVIDE SOUND ATTENUATION SEALS AND DOOR BOTTOM ON THIS DOOR & FRAME.
5. PROVIDE KEYED REMOVABLE MULLION AND HANGER BRACKET. PAINT PB-X AT ALUMINUM STOREFRONT DOORS AND PB-X AT HOLLOW METAL DOORS.
6. PROVIDE NON-KEYED REMOVABLE MULLION AND HANGER BRACKET. PAINT PB-X AT ALUMINUM STOREFRONT DOORS AND PB-X AT HOLLOW METAL DOORS.
7. ELEVATOR DOOR BY MANUFACTURER.
8. CASED OPENING RE: DETAILS
9. 20 MINUTE DOOR AND FRAME WITH LABEL.
10. 45 MINUTE DOOR AND FRAME WITH LABEL.
11. NO CENTER MULLION. PROVIDE CONCEALED VERTICAL ROD EXIT DEVICE.
12. PROVIDE MAGNETIC HOLD OPEN TIED TO FIRE ALARM.
13. PROVIDE PAD LOCK KEYED TO THE DISTRICTS STANDARDS.

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CONSULTANTS:

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Dally + Associates, Inc.

Landscaping:
Mary L. Goldsby Associates

Structural Engineers:
Dally + Associates, Inc.

MEPT ENGINEERS
Salas O'Brien

D | D.2
C | G | E
B | A | F

REV.	DATE	DESCRIPTION
1	05/30/25	ADDENDUM 1
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
STATE OF TEXAS
27116
6/02/2025

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

FIRST FLOOR PLAN - AREA D1

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

PROJECT MANAGER	DESIGNER
FS	AS, SK, AC

JOB NO.
2023159.00

A-106

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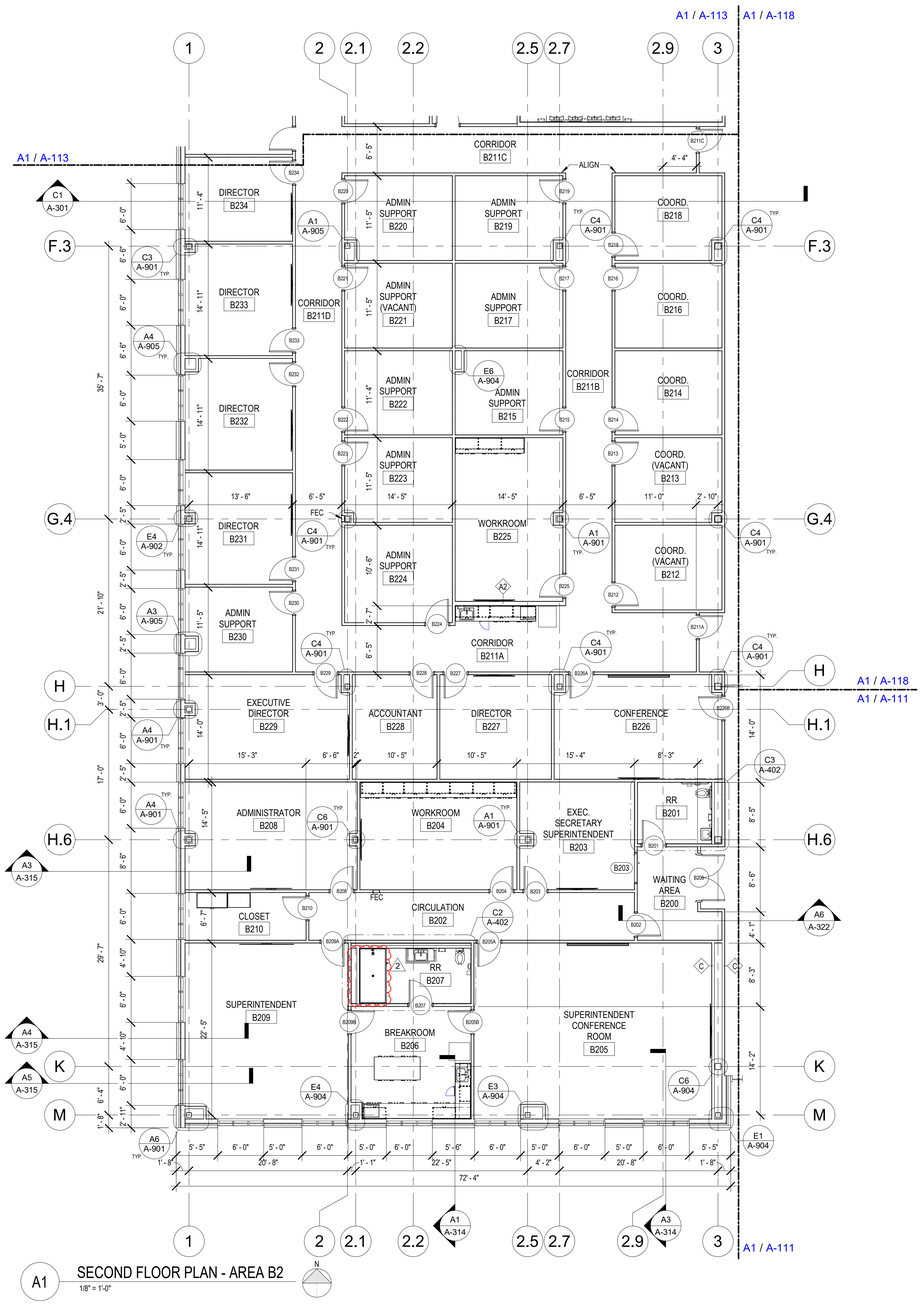

FLOOR PLAN GENERAL NOTES

1. REFER TO EQUIPMENT PLANS FOR INFORMATION ON DIVISION 10, 11 AND 12 MATERIALS, FINISHES, AND EQUIPMENT.
2. REFER TO FLOOR FINISH PLANS FOR FLOOR TYPE AND PATTERNS.
3. REFER TO EQUIPMENT PLANS FOR INTERIOR ELEVATION TAGS.
4. REFER TO INTERIOR ELEVATIONS FOR INTERIOR COLORS AND FINISHES.
5. REFER TO SHEET A-501 FOR PARTITION TYPES.
6. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, AND TECHNOLOGY PLANS FOR SCOPE OF WORK.
7. ALL DIMENSIONS TO FACE OF DRYWALL U.N.O.
8. ALL PARTITION WALLS TO BE TYPE [A] U.N.O.
9. ALL EXPOSED VISIBLE STEEL TO BE PAINTED; RE: COLOR TO BE DETERMINED BY ARCHITECT.
10. EXTERIOR EXPOSED GALVANIZED COLUMNS TO BE PAINTED.

DOOR AND WINDOW SCHEDULE REMARKS

1. PROVIDE CARD READER AT THIS LOCATION. COORDINATE WITH DOOR HARDWARE, ELECTRICAL, AND TECHNOLOGY PLANS AND SPECIFICATIONS.
2. PROVIDE REMOTE DOOR RELEASE BUTTON FOR THIS LOCATION. REMOTE DOOR RELEASE BUTTON TO BE LOCATED AT CASEWORK. COORDINATE INSTALLATION WITH ELECTRICAL CONTRACTOR. (1)
3. **NOT USED.**
4. INTEGRATED SOUND CONTROL DOOR ASSEMBLY - PROVIDE SOUND ATTENUATION SEALS AND DOOR BOTTOM ON THIS DOOR & FRAME.
5. PROVIDE KEYED REMOVABLE MULLION AND HANGER BRACKET. PAINT PB-X AT ALUMINUM STOREFRONT DOORS AND PB-X AT HOLLOW METAL DOORS.
6. PROVIDE NON-KEYED REMOVABLE MULLION AND HANGER BRACKET. PAINT PB-X AT ALUMINUM STOREFRONT DOORS AND PB-X AT HOLLOW METAL DOORS.
7. ELEVATOR DOOR BY MANUFACTURER.
8. CASED OPENING RE: DETAILS
9. 20 MINUTE DOOR AND FRAME WITH LABEL.
10. 45 MINUTE DOOR AND FRAME WITH LABEL.
11. NO CENTER MULLION. PROVIDE CONCEALED VERTICAL ROD EXIT DEVICE. (2)
12. PROVIDE MAGNETIC HOLD OPEN TIED TO FIRE ALARM.
13. PROVIDE PAD LOCK KEYED TO THE DISTRICTS STANDARDS.

DOOR SCHEDULE AREA B2

DOOR NO.	ROOM NO.	ROOM NAME	DOOR						FRAME				FIRE RATING	HEAD	JAMB	SILL	OVT Hardware Set	REMARKS
			WIDTH	HEIGHT	THICKNESS	DOOR TYPE	DOOR FINISH	DOOR GLAZING	FRAME ELEV.	FRAME MATERIAL	FRAME FINISH	FRAME THICKNESS						
B200	B200	WAITING AREA	6' - 0"	7' - 0"	0' - 1 3/4"	2AG	PLAM	G1	E2	HM	PAINTED	0' - 9 1/2"	--	D2/A-504	B2/A-504	A2/A-504	C710	1,2
B201	B201	RR	3' - 0"	7' - 0"	0' - 1 3/4"	F	PLAM	--	E1	HM	PAINTED	0' - 6 1/4"	--	D2/A-504	B2/A-504	A2/A-504	341	
B202	B202	CIRCULATION	3' - 0"	7' - 0"	0' - 1 3/4"	FG2	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	CR711A	1
B203	B203	EXEC. SECRETARY SUPERINTENDENT	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
B204	B202	CIRCULATION	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	501K	
B205A	B205	SUPERINTENDENT CONFERENCE ROOM	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	503	
B205B	B205	SUPERINTENDENT CONFERENCE ROOM	3' - 0"	7' - 0"	0' - 1 3/4"	F	PLAM	--	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	503	
B207	B207	RR	3' - 0"	7' - 0"	0' - 1 3/4"	F	PLAM	--	E1	HM	PAINTED	0' - 6 1/4"	--	D2/A-504	B2/A-504	A2/A-504	341	
B208	B208	ADMINISTRATOR	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
B209A	B209	SUPERINTENDENT	3' - 0"	7' - 0"	0' - 1 3/4"	F	PLAM	--	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
B209B	B209	SUPERINTENDENT	3' - 0"	7' - 0"	0' - 1 3/4"	F	PLAM	--	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	503	
B210	B210	CLOSET	3' - 0"	7' - 0"	0' - 1 3/4"	F	PLAM	--	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	203	
B211A	B211A	CORRIDOR	3' - 0"	7' - 0"	0' - 1 3/4"	AG	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	C711	1
B211C	B211C	CORRIDOR	3' - 0"	7' - 0"	0' - 1 3/4"	AG	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	C711	1
B212	B212	COORD. (VACANT)	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
B213	B213	COORD. (VACANT)	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
B214	B214	COORD.	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
B215	B215	ADMIN SUPPORT	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
B216	B216	COORD.	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
B217	B217	ADMIN SUPPORT	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
B218	B218	COORD.	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
B219	B219	ADMIN SUPPORT	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
B220	B220	ADMIN SUPPORT	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
B221	B221	ADMIN SUPPORT (VACANT)	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
B222	B222	ADMIN SUPPORT	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
B223	B223	ADMIN SUPPORT	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
B224	B224	ADMIN SUPPORT	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
B225	B225	WORKROOM	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	501K	
B226A	B226	CONFERENCE	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	503	
B226B	B226	CONFERENCE	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	503	
B227	B227	DIRECTOR	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
B228	B228	ACCOUNTANT	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
B229	B229	EXECUTIVE DIRECTOR	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
B230	B230	ADMIN SUPPORT	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
B231	B231	DIRECTOR	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
B232	B232	DIRECTOR	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
B233	B233	DIRECTOR	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	
B234	B234	DIRECTOR	3' - 0"	7' - 0"	0' - 1 3/4"	N	PLAM	G1	E1	HM	PAINTED	0' - 5 7/8"	--	D2/A-504	B2/A-504	A2/A-504	103	

(1)

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Dally + Associates, Inc.

Landscaping:
Mary L. Goldsby Associates

Structural Engineers:
Dally + Associates, Inc.

MEPT ENGINEERS
Salas O'Brien

D2		D2.2	
C2	G2		E2
B2		A2	F2

REV.	DATE	DESCRIPTION
1	05/20/25	ADDENDUM 1
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
M. MAI
27116
STATE OF TEXAS
6/02/2025

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

SECOND FLOOR PLAN - AREA B2

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

PROJECT MANAGER	DESIGNER
FS	AS, SK, AC

JOB NO.
2023159.00

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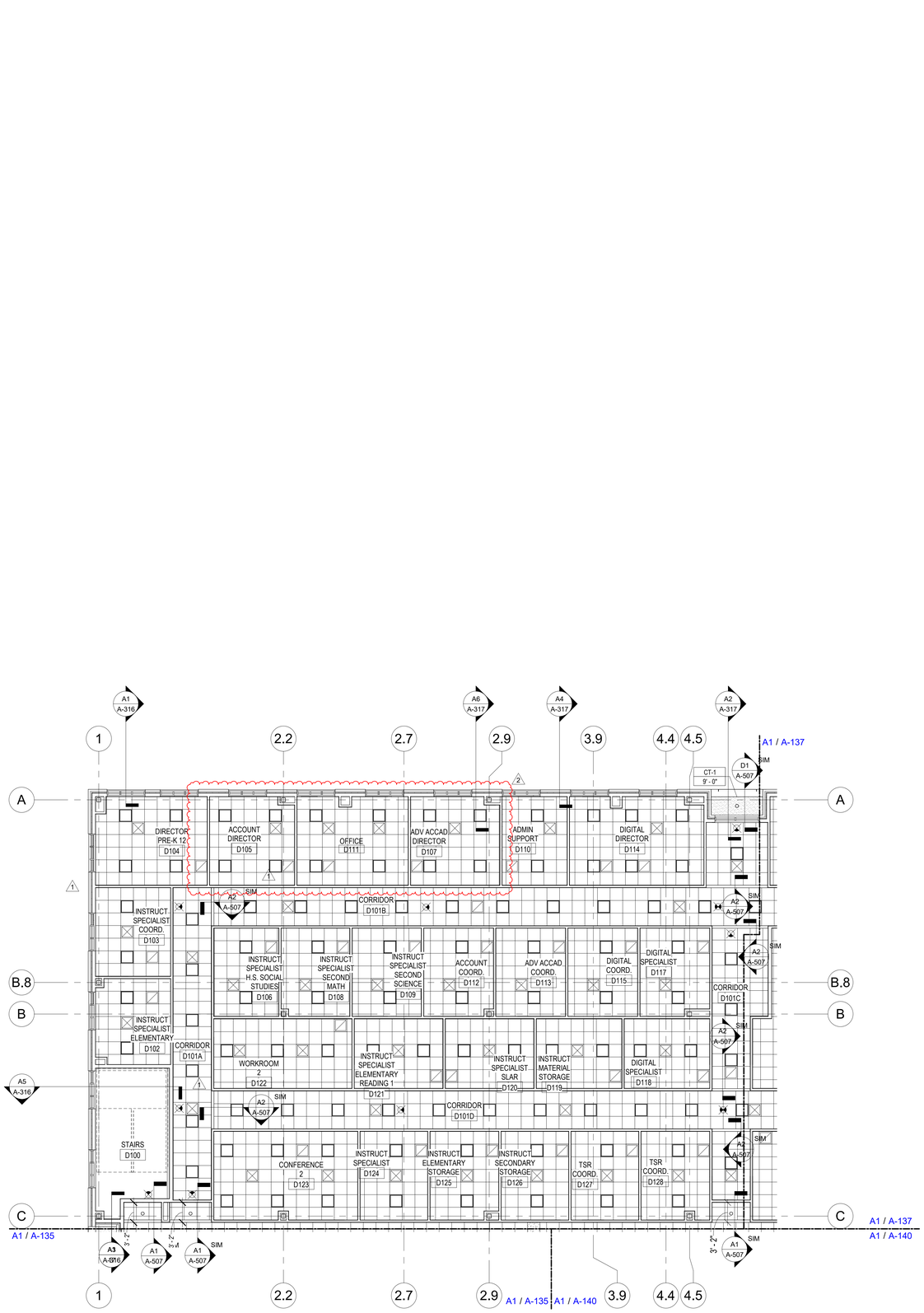


A1 REFLECTED CEILING FIRST FLOOR PLAN - AREA D1

1/8" = 1'-0"

N

GENERAL RCP NOTES

1. SPRINKLER HEAD COVER PLATES TO MATCH COLOR OF CEILING TILE
2. CEILINGS TO BE 9' - 0" U.N.O.
3. REFER TO MEP DRAWINGS FOR LOCATIONS OF STROBES, OCCUPANCY SENSORS, AND SMOKE DETECTORS.
4. PROVIDE 24" X 24" ACCESS PANELS IN ALL GYPSUM CEILINGS. COORDINATE WITH OWNER/ARCHITECT FOR FINAL LOCATIONS.
5. PROVIDE CONTROL JOINTS IN GYPSUM CEILINGS AROUND ALL LIGHT FIXTURES ON ALL SIDES. REFER TO PLANS FOR ADDITIONAL INFORMATION.
6. STAGE RIGGING GRID COMPOSED OF FOUR (4) 1-1/2 INCH DIA.X 21 FEET LONG AND SIX (6) 1-1/2 INCH DIA.X 13 FEET LONG SCHEDULE 40 PIPE BATTENS INTERSECTING AT 4 FOOT CENTERS. PROVIDE 24 INTERSECTION BRACKET HARDWARE (IWEISS P309 OR APPROVED EQUAL), AND 24 PIPE CLAMPS (IWEISS P305 OR APPROVED EQUAL). SUPPORT TO STRUCTURE WITH UNISTRUT AND 3/8 DIA. AIRCRAFT CABLE WITH LOOP AND THIMBLE CONNECTIONS AT ALL PIPE CLAMP LOCATIONS.

RCP LEGEND

- PAINTED GYPSUM BOARD CEILING
- 24" x 24" ACOUSTICAL PANEL CEILING ACP-1
- PREFINISHED METAL SOFFIT PANEL MP-1
- PAINTED PLASTER CEILING CT-1
- CAN LIGHT
- PENDANT LIGHT
- 6" X 4'-0" LIGHT
- 2'-0" X 2'-0" LIGHT
- CHANDELIER

DIV. 23 MECHANICAL EQUIP. SEE MECHANICAL DRAWINGS

DIV. 23 MECHANICAL EQUIP. SEE MECHANICAL DRAWINGS

DIV. 23 MECHANICAL EQUIP. SEE MECHANICAL DRAWINGS

- WALLS TO DECK
- 1-HR WALLS TO DECK
- 2-HR WALLS TO DECK
- RETURN AIR GRILLE RE: MECH
- EXHAUST GRILLE RE: MECH
- SUPPLY AIR GRILLE RE: MECH
- CEILING MOUNTED EXIT SIGN
- WALL MOUNTED EXIT SIGN
- 1 EXPOSED TO STRUCTURE
- 2 EXPOSED DECK, DUCTS, PIPES, CONDUITS, BEAMS, STRUCTURAL MEMBERS, AND ANY OTHER EXPOSED SYSTEMS TO BE PAINTED BLACK. VIDEO PRODUCTION ROOM ONLY.

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

D | D.2
C | G | E
B | A | F

REV.	DATE	DESCRIPTION
1	05/30/25	ADDENDUM 1
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
Gail Mitchell
STATE OF TEXAS
27116

6/02/2025

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

REFLECTED CEILING FIRST FLOOR PLAN - AREA D1

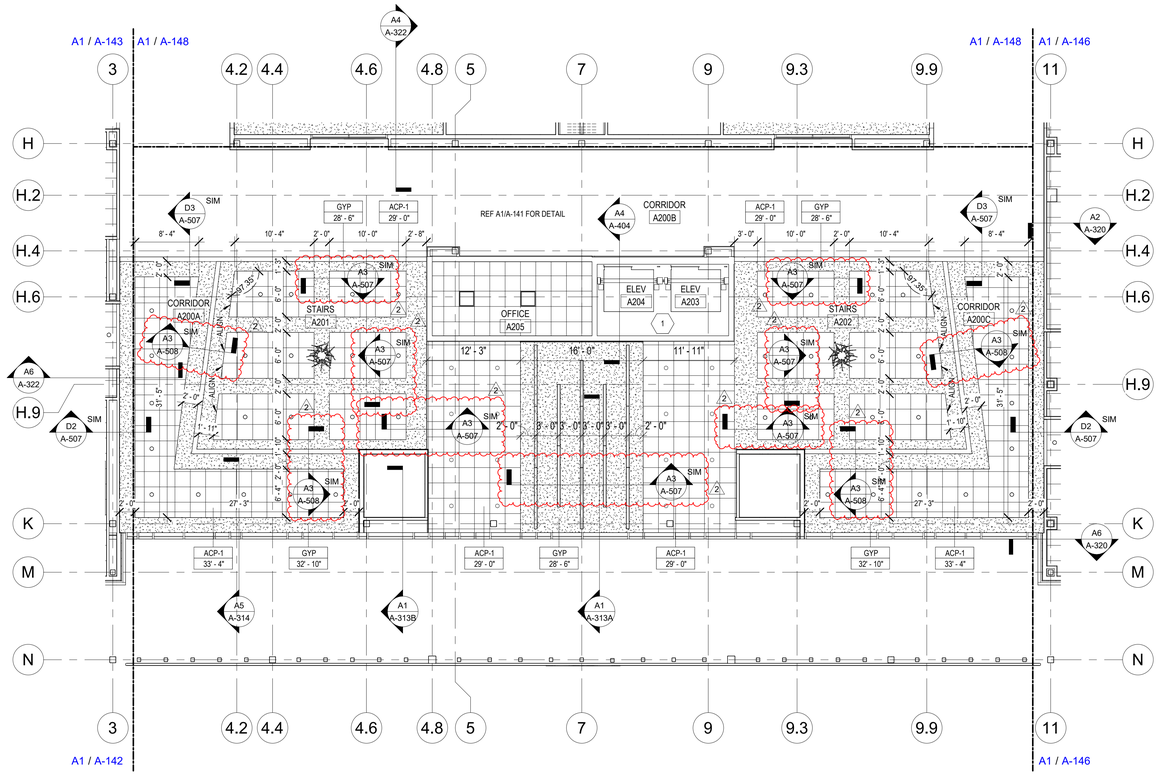
ISSUED: FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	--/--/----
RECORD	--/--/----

PROJECT MANAGER	DESIGNER
FS	AS, SK, AC

JOB NO. 2023159.00

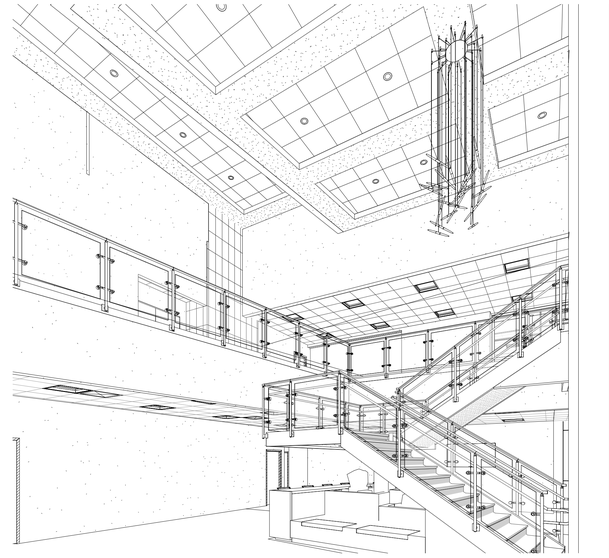
A-136

6/2/2025 5:30:37 PM

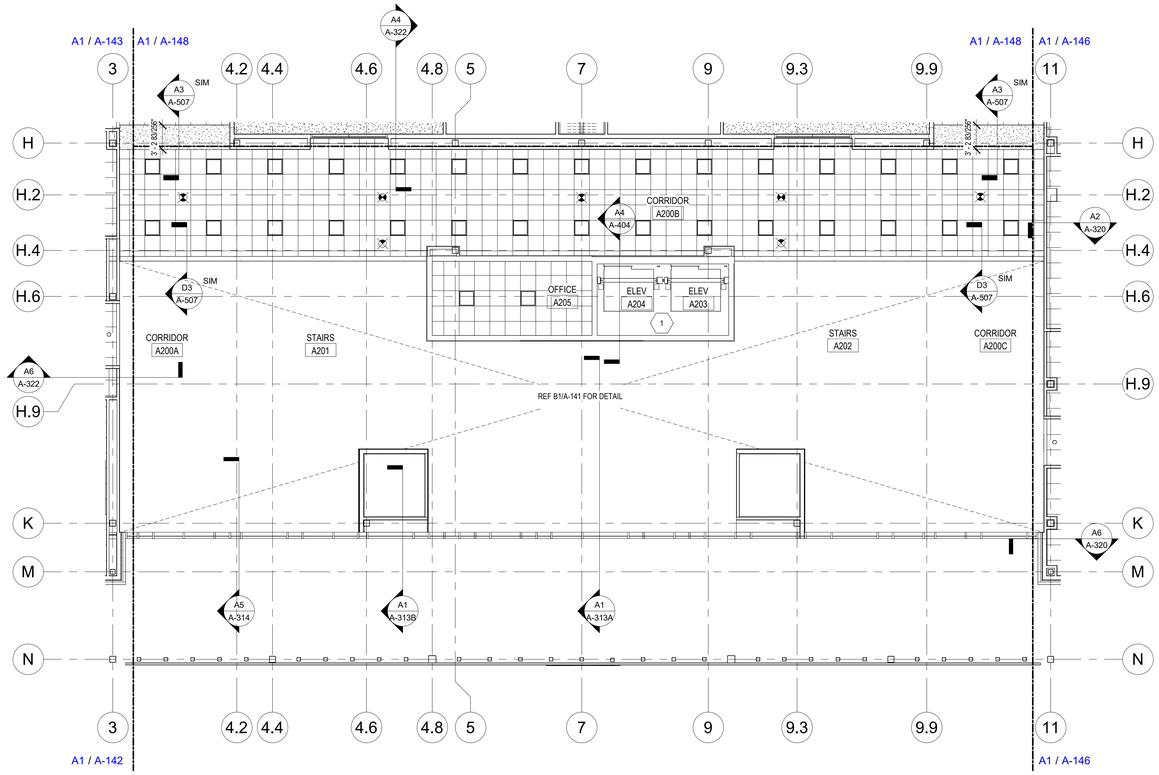


B1 REFLECTED CEILING SECOND FLOOR PLAN - AREA A2

1/8" = 1'-0"

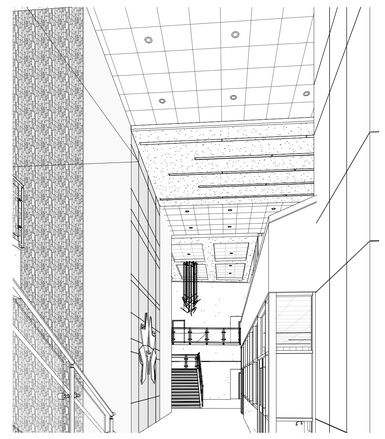


B2 LOBBY CEILING VISUAL



A1 REFLECTED CEILING SECOND FLOOR PLAN - AREA A2

1/8" = 1'-0"



A2 LOBBY CEILING VISUAL

GENERAL RCP NOTES

1. SPRINKLER HEAD COVER PLATES TO MATCH COLOR OF CEILING TILE
2. CEILINGS TO BE 9' - 0" U.N.O.
3. REFER TO MEP DRAWINGS FOR LOCATIONS OF STROBES, OCCUPANCY SENSORS, AND SMOKE DETECTORS.
4. PROVIDE 24" X 24" ACCESS PANELS IN ALL GYPSUM CEILINGS. COORDINATE WITH OWNER/ARCHITECT FOR FINAL LOCATIONS.
5. PROVIDE CONTROL JOINTS IN GYPSUM CEILINGS AROUND ALL LIGHT FIXTURES ON ALL SIDES. REFER TO PLANS FOR ADDITIONAL INFORMATION.
6. STAGE RIGGING GRID COMPOSED OF FOUR (4) 1-1/2 INCH DIA.X 21 FEET LONG AND SIX (6) 1-1/2 INCH DIA X 13 FEET LONG SCHEDULE 40 PIPE BATTENS INTERSECTING AT 4 FOOT CENTERS. PROVIDE 24 INTERSECTION BRACKET HARDWARE (IWEISS P309 OR APPROVED EQUAL), AND 24 PIPE CLAMPS (IWEISS P305 OR APPROVED EQUAL). SUPPORT TO STRUCTURE WITH UNISTRUT AND 3/8 DIA. AIRCRAFT CABLE WITH LOOP AND THIMBLE CONNECTIONS AT ALL PIPE CLAMP LOCATIONS.

RCP LEGEND

- PAINTED GYPSUM BOARD CEILING
- 24" x 24" ACOUSTICAL PANEL CEILING ACP-1
- PREFINISHED METAL SOFFIT PANEL MP-1
- PAINTED PLASTER CEILING CT-1
- CAN LIGHT
- PENDANT LIGHT
- 6" X 4'-0" LIGHT
- 2'-0" X 2'-0" LIGHT
- CHANDELIER
- DIV. 23 MECHANICAL EQUIP. SEE MECHANICAL DRAWINGS
- DIV. 23 MECHANICAL EQUIP. SEE MECHANICAL DRAWINGS
- DIV. 23 MECHANICAL EQUIP. SEE MECHANICAL DRAWINGS
- WALLS TO DECK
- 1-HR WALLS TO DECK
- 2-HR WALLS TO DECK
- RETURN AIR GRILLE RE: MECH
- EXHAUST GRILLE RE: MECH
- SUPPLY AIR GRILLE RE: MECH
- CEILING MOUNTED EXIT SIGN
- WALL MOUNTED EXIT SIGN
- 1 EXPOSED TO STRUCTURE
- 2 EXPOSED DECK, DUCTS, PIPES, CONDUITS, BEAMS, STRUCTURAL MEMBERS, AND ANY OTHER EXPOSED SYSTEMS TO BE PAINTED BLACK. VIDEO PRODUCTION ROOM ONLY.

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Mary L. Goldsby Associates

Structural Engineers:
Dally + Associates, Inc.

MEPT ENGINEERS
Salas O'Brien

D2	D2.2	
C2	G2	E2
B2	A2	F2

REV.	DATE	DESCRIPTION
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
SUE MAY
27116
STATE OF TEXAS

6/02/2025

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

REFLECTED CEILING SECOND FLOOR PLAN - AREA A2

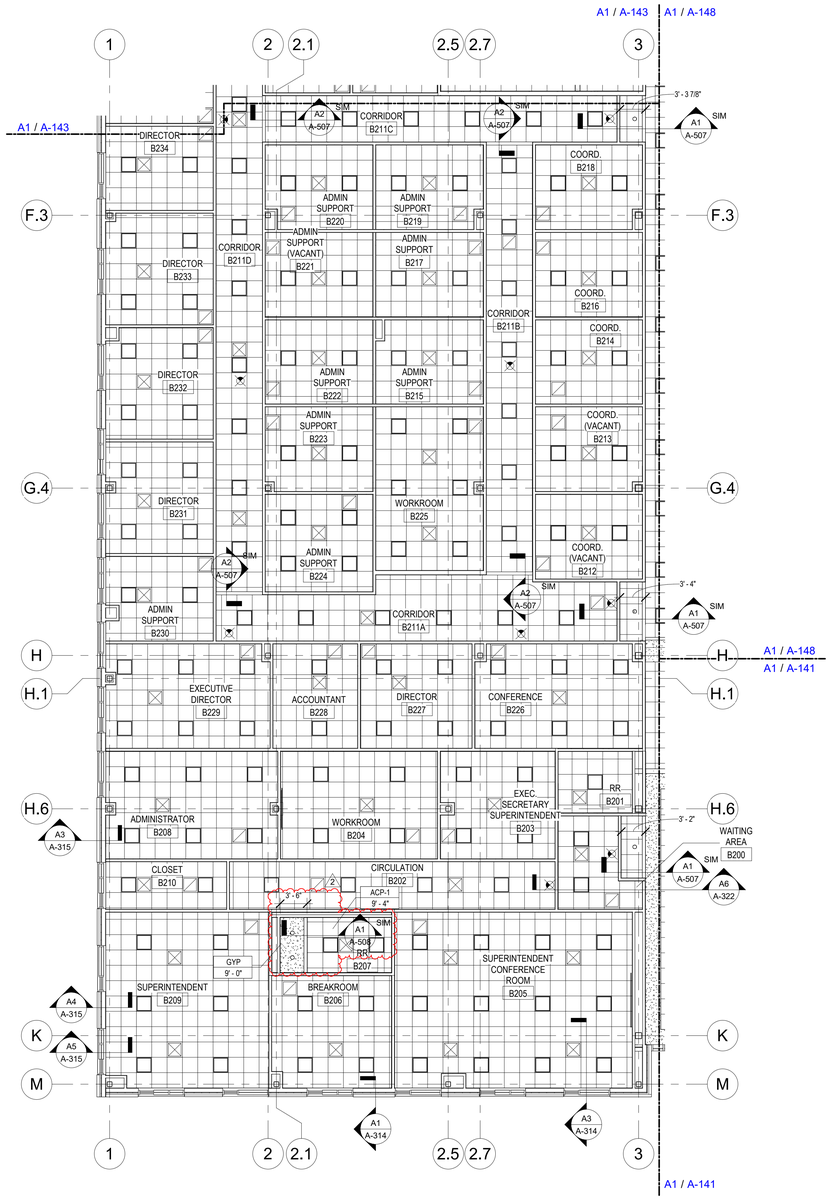
ISSUED: FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	--/--/----
RECORD	--/--/----

PROJECT MANAGER	DESIGNER
FS	AS, SK, AC

JOB NO.
2023159.00

A-141

6/2/2025 5:30:43 PM



A1 REFLECTED CEILING SECOND FLOOR PLAN - AREA B2
1/8" = 1'-0"

GENERAL RCP NOTES

1. SPRINKLER HEAD COVER PLATES TO MATCH COLOR OF CEILING TILE
2. CEILINGS TO BE 9' - 0" U.N.O.
3. REFER TO MEP DRAWINGS FOR LOCATIONS OF STROBES, OCCUPANCY SENSORS, AND SMOKE DETECTORS.
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- PREFINISHED METAL SOFFIT PANEL MP-1
- PAINTED PLASTER CEILING CT-1
- CAN LIGHT
- PENDANT LIGHT
- 6" X 4'-0" LIGHT
- 2'-0" X 2'-0" LIGHT
- CHANDELIER
- DIV. 23 MECHANICAL EQUIP. SEE MECHANICAL DRAWINGS
- DIV. 23 MECHANICAL EQUIP. SEE MECHANICAL DRAWINGS
- DIV. 23 MECHANICAL EQUIP. SEE MECHANICAL DRAWINGS
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Structural Engineers:
Dally + Associates, Inc.

MEPT ENGINEERS
Salas O'Brien

D2	D2.2	
C2	G2	E2
B2	A2	F2

REV.	DATE	DESCRIPTION
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
STATE OF TEXAS
27116
6/02/2025

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

REFLECTED CEILING SECOND FLOOR PLAN - AREA B2

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

PROJECT MANAGER	DESIGNER
FS	AS, SK, AC

JOB NO.
2023159.00

A-142

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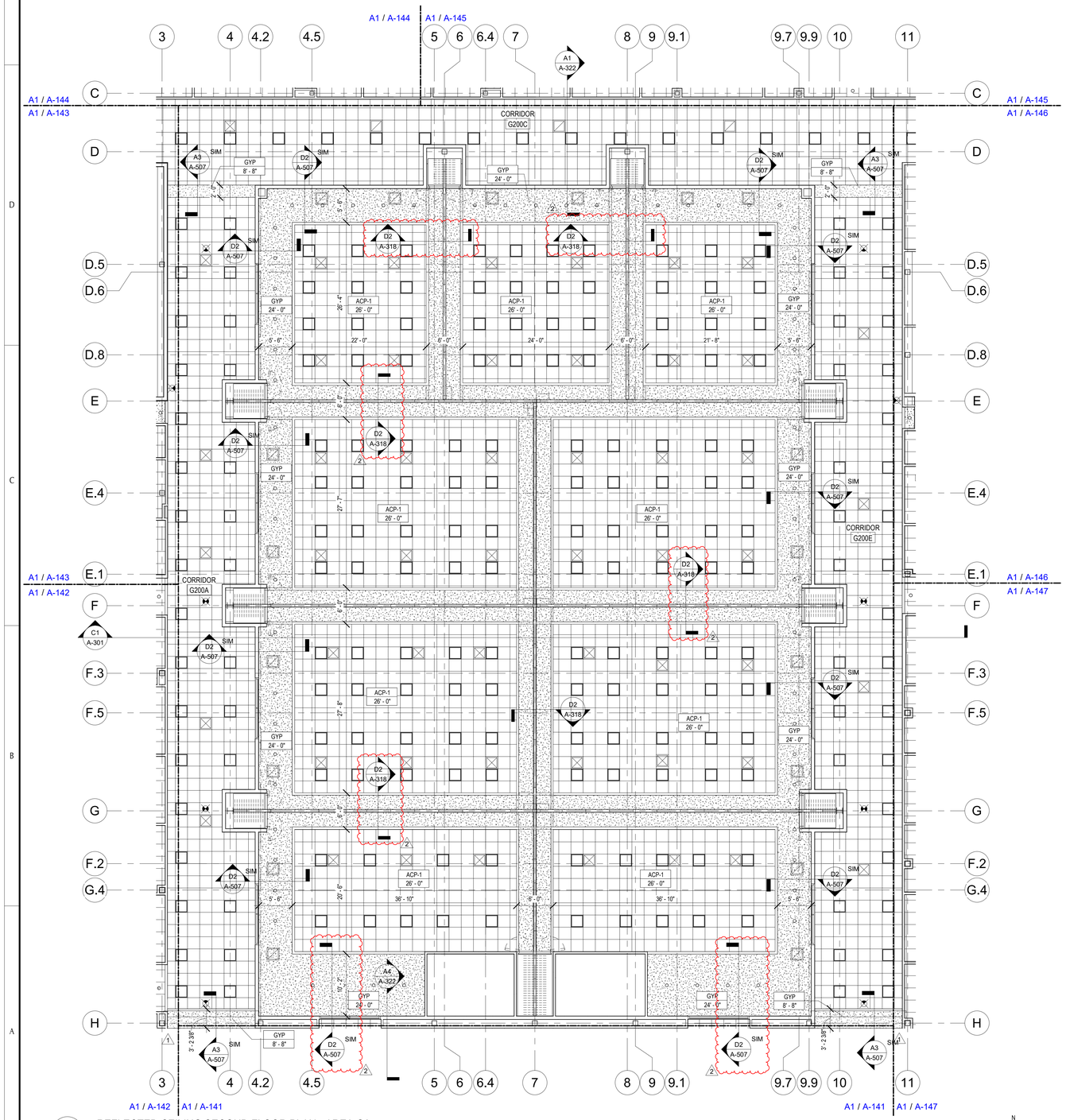

A1 REFLECTED CEILING SECOND FLOOR PLAN - AREA G2
1/8" = 1'-0"

GENERAL RCP NOTES

1. SPRINKLER HEAD COVER PLATES TO MATCH COLOR OF CEILING TILE
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- PREFINISHED METAL SOFFIT PANEL MP-1
- PAINTED PLASTER CEILING CT-1
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- PENDANT LIGHT
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- DIV. 23 MECHANICAL EQUIP. SEE MECHANICAL DRAWINGS
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Houston, TX 77056
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Architecture/ Interior Design

CONSULTANTS:

Civil Engineers:
Dally + Associates, Inc.

Landscaping:
Mary L. Goldsby Associates

Structural Engineers:
Dally + Associates, Inc.

MEPT ENGINEERS
Salas O'Brien

D2	D2.2	
C2	G2	E2
B2	A2	F2

REV.	DATE	DESCRIPTION
1	05/30/25	ADDENDUM 1
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
MARY L. MOLLY
STATE OF TEXAS
27116

6/02/2025

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

REFLECTED CEILING SECOND FLOOR PLAN - AREA G2

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

PROJECT MANAGER	DESIGNER
FS	AS, SK, AC

JOB NO.
2023159.00

A-148

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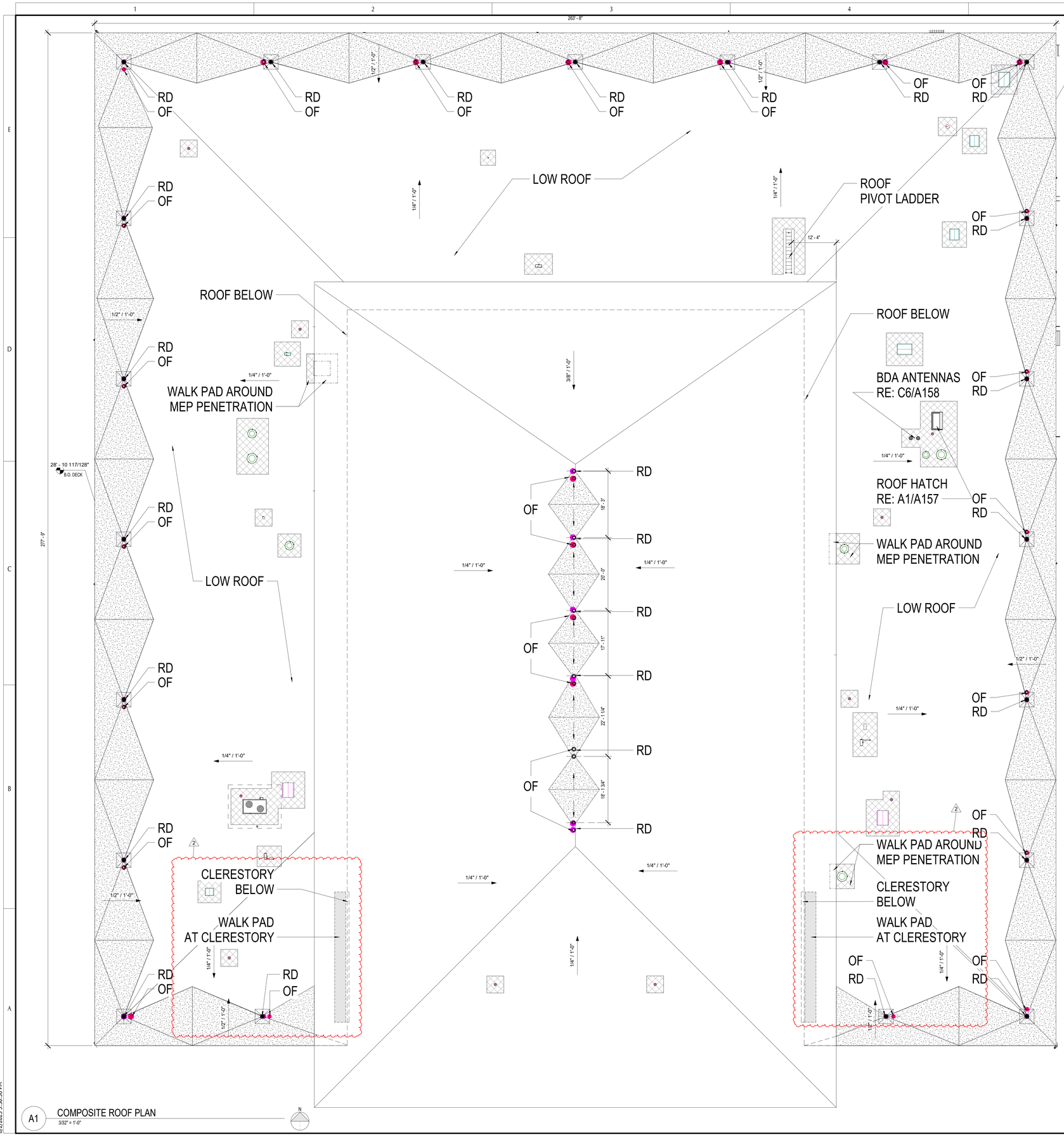


A1 COMPOSITE ROOF PLAN
3/32" = 1'-0"

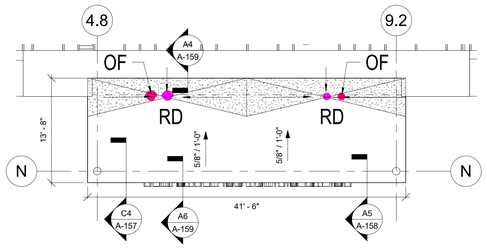
SHEET NOTES

ROOF GENERAL NOTES

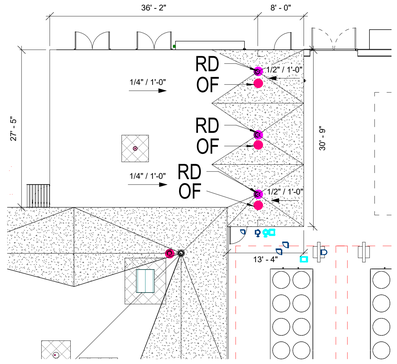
1. PROVIDE CRICKETS ON THE HIGH SIDE OF ALL CURBS 24" OR GREATER WIDE TO DIVERT ROOF DRAINAGE.
2. PROVIDE 4" LAP JOINTS FOR ALL SHEETMETAL FLASHING RECEIVERS.
3. FLASH ALL ROUND ROOF PENETRATIONS PER DETAIL 07A3.9 UNLESS OTHERWISE NOTED.
4. PROVIDE CURBS FOR ALL VENTILATORS WITH A DECK OPENING OF 12-INCHES OR GREATER.
5. INSTALL ALL ROOF MOUNTED APPURTENANCES, EQUIPMENT, PIPING, ETC. AT 8-INCHES MINIMUM HEIGHT ABOVE TOP OF ROOF MEMBRANE.
6. REFER TO MEP DRAWINGS FOR LOCATIONS OF RTU'S AND OTHER ROOF MOUNTED EQUIPMENT AND PENETRATION ELEMENTS SCHEDULED TO BE INSTALLED.
7. PROVIDE TRAFFIC PADS AT TOP AND BOTTOM OF ALL LADDERS, 3 SIDES OF ALL MOTORIZED EQUIPMENT, ROOF HATCHES, DOWNSPOUT BASES AND RTU'S ACCESS PANELS. REFER TO SPECIFICATION SECTION 07 54 00 AND 07 62 00.

ROOF LEGEND

- NEW ROOF DRAIN
- NEW OVERFLOW DRAIN
- ROOF HATCH
- RIDGE LINE
- RTU
- ROOF PIVOT LADDER
- NEW TAPERED INSULATION/ CRICKET
- NEW WALK PAD



B6 COMPOSITE ROOF PLAN - ENTRANCE LOW ROOF
1/8" = 1'-0"



A6 COMPOSITE ROOF PLAN - D2
3/32" = 1'-0"

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

D | D.2
C | G | E
B | A | F

REV.	DATE	DESCRIPTION
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
JOHN M. MICHAEL
27116
STATE OF TEXAS
6/02/2025

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

COMPOSITE ROOF PLAN

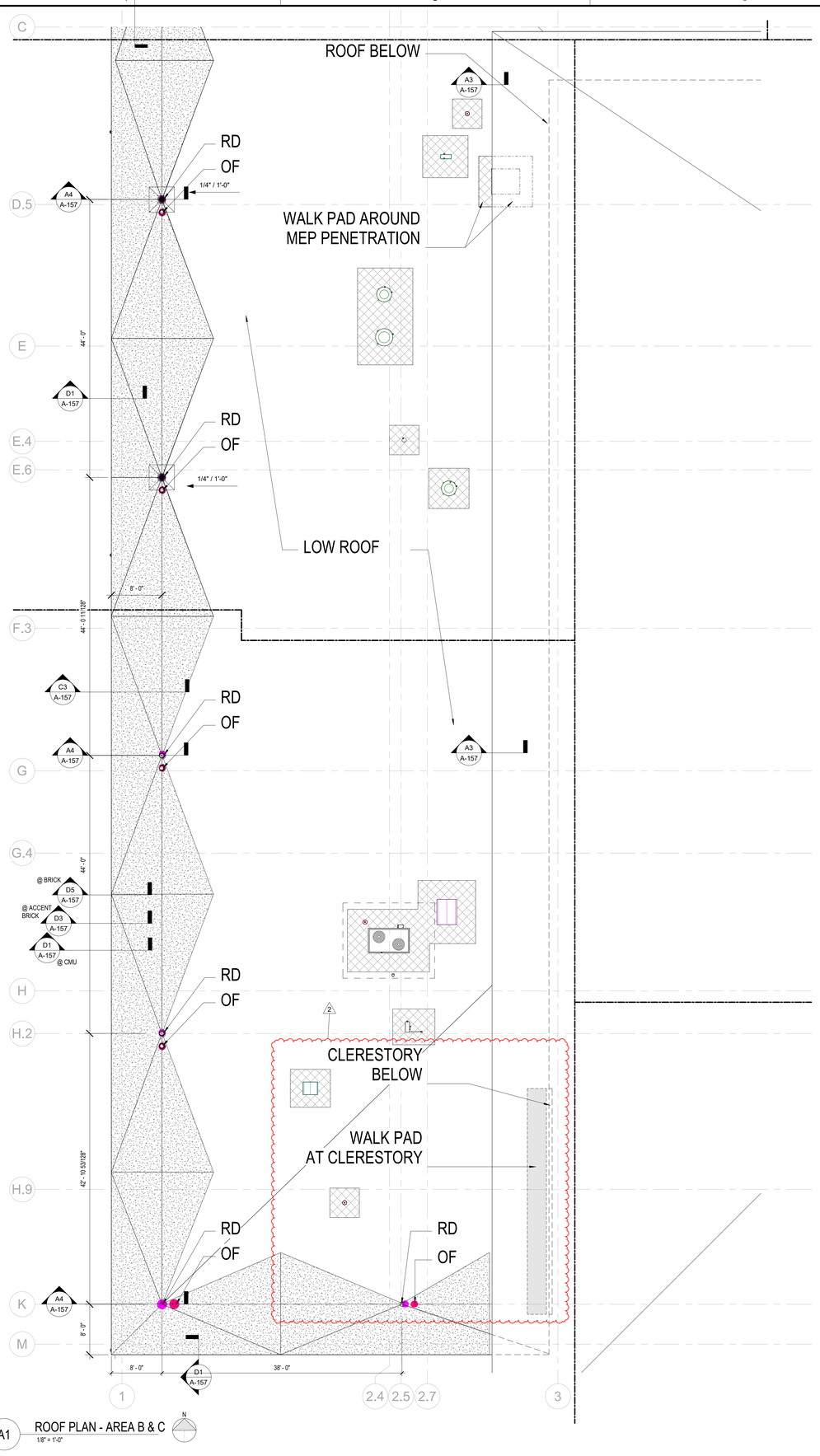
ISSUED: FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	--/--/----
RECORD	--/--/----

PROJECT MANAGER	DESIGNER
FS	AS, SK, AC

JOB NO.
2023159.00

A-150

6/2/2025 5:30:56 PM



A1 ROOF PLAN - AREA B & C
1/8" = 1'-0"

SHEET NOTES

ROOF GENERAL NOTES

1. PROVIDE CRICKETS ON THE HIGH SIDE OF ALL CURBS 24" OR GREATER WIDE TO DIVERT ROOF DRAINAGE.
2. PROVIDE 4" LAP JOINTS FOR ALL SHEETMETAL FLASHING RECEIVERS.
3. FLASH ALL ROUND ROOF PENETRATIONS PER DETAIL 07A3.9 UNLESS OTHERWISE NOTED.
4. PROVIDE CURBS FOR ALL VENTILATORS WITH A DECK OPENING OF 12-INCHES OR GREATER.
5. INSTALL ALL ROOF MOUNTED APPURTENANCES, EQUIPMENT, PIPING, ETC. AT 8-INCHES MINIMUM HEIGHT ABOVE TOP OF ROOF MEMBRANE.
6. REFER TO MEP DRAWINGS FOR LOCATIONS OF RTU'S AND OTHER ROOF MOUNTED EQUIPMENT AND PENETRATION ELEMENTS SCHEDULED TO BE INSTALLED.
7. PROVIDE TRAFFIC PADS AT TOP AND BOTTOM OF ALL LADDERS, 3 SIDES OF ALL MOTORIZED EQUIPMENT, ROOF HATCHES, DOWNSPOUT BASES AND RTU'S ACCESS PANELS. REFER TO SPECIFICATION SECTION 07 54 00 AND 07 62 00.

ROOF LEGEND

- NEW ROOF DRAIN
- NEW OVERFLOW DRAIN
- ROOF HATCH
- RIDGE LINE
- RTU
- ROOF PIVOT LADDER
- NEW TAPERED INSULATION/ CRICKET
- NEW WALK PAD

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

D	D.2	
C	G	E
B	A	F

REV.	DATE	DESCRIPTION
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
GARY M. MCCOY
27116
STATE OF TEXAS
6/02/2025

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

ROOF PLAN - AREA B & C

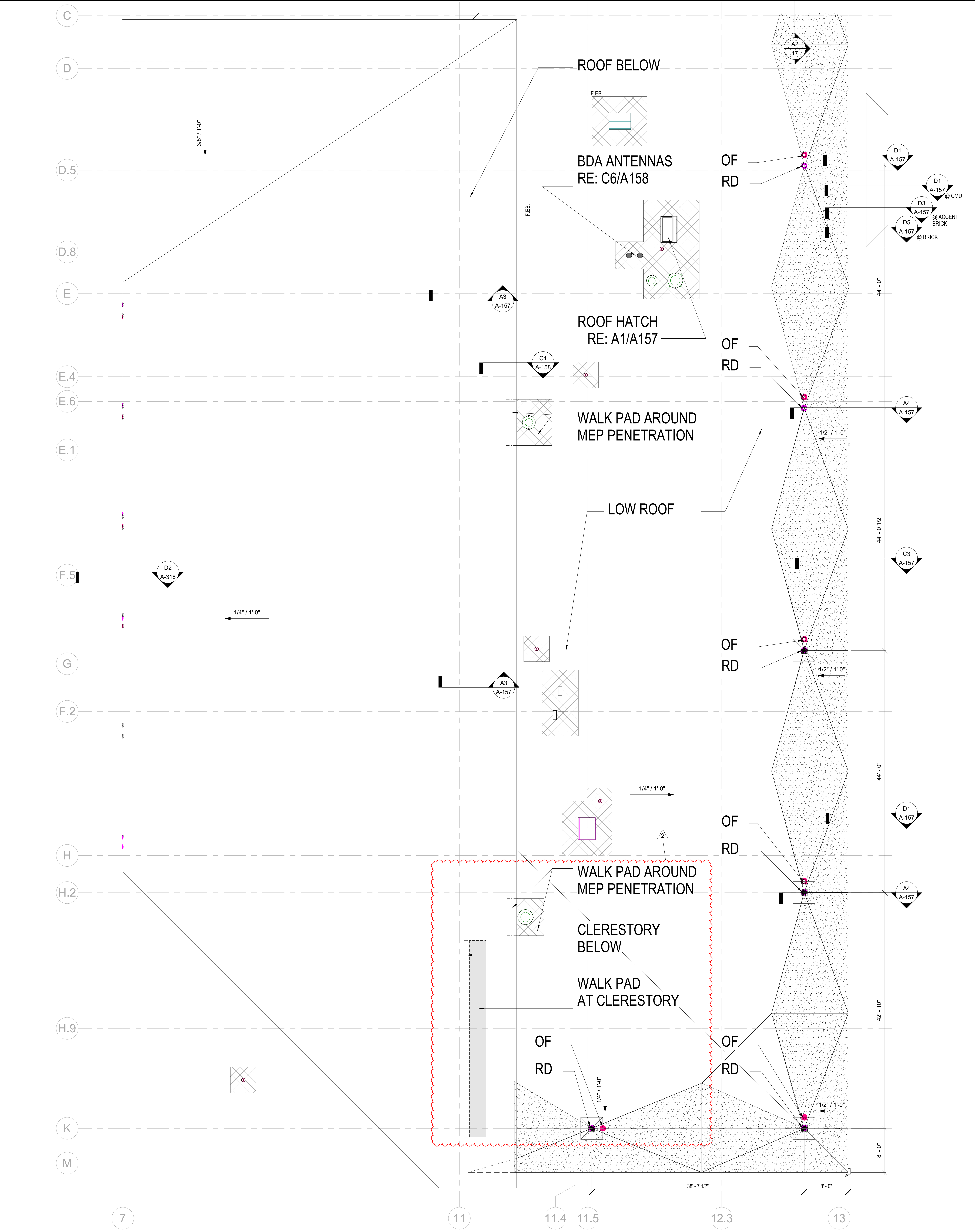
ISSUED: FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	--/--/----
RECORD	--/--/----

PROJECT MANAGER	DESIGNER
FS	AS,SK,AC

JOB NO.
2023159.00

A-152

6/2/2025 5:30:59 PM



A1 ROOF PLAN - AREA E & F
1/8" = 1'-0"

SHEET NOTES

ROOF GENERAL NOTES

1. PROVIDE CRICKETS ON THE HIGH SIDE OF ALL CURBS 24" OR GREATER WIDE TO DIVERT ROOF DRAINAGE.
2. PROVIDE 4" LAP JOINTS FOR ALL SHEETMETAL FLASHING RECEIVERS.
3. FLASH ALL ROUND ROOF PENETRATIONS PER DETAIL 07A3.9 UNLESS OTHERWISE NOTED.
4. PROVIDE CURBS FOR ALL VENTILATORS WITH A DECK OPENING OF 12-INCHES OR GREATER.
5. INSTALL ALL ROOF MOUNTED APPURTENANCES, EQUIPMENT, PIPING, ETC. AT 8-INCHES MINIMUM HEIGHT ABOVE TOP OF ROOF MEMBRANE.
6. REFER TO MEP DRAWINGS FOR LOCATIONS OF RTU'S AND OTHER ROOF MOUNTED EQUIPMENT AND PENETRATION ELEMENTS SCHEDULED TO BE INSTALLED.
7. PROVIDE TRAFFIC PADS AT TOP AND BOTTOM OF ALL LADDERS, 3 SIDES OF ALL MOTORIZED EQUIPMENT, ROOF HATCHES, DOWNSPOUT BASES AND RTU'S ACCESS PANELS. REFER TO SPECIFICATION SECTION 07 54 00 AND 07 62 00.

ROOF LEGEND

⊕ RD	NEW ROOF DRAIN	▭	RTU
⊕ OF	NEW OVERFLOW DRAIN	☰	ROOF PIVOT LADDER
▨	ROOF HATCH	▒	NEW TAPERED INSULATION/ CRICKET
—	RIDGE LINE	☒	NEW WALK PAD

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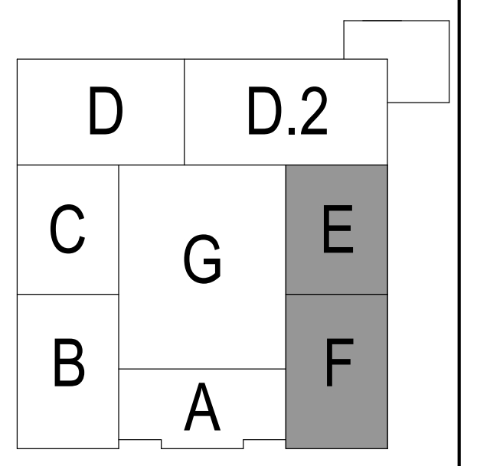
MEPT ENGINEERS
Salas O'Brien



REV.	DATE	DESCRIPTION
2	05/30/25	ADDENDUM 2

27116
6/02/2025

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

ROOF PLAN - AREA E & F

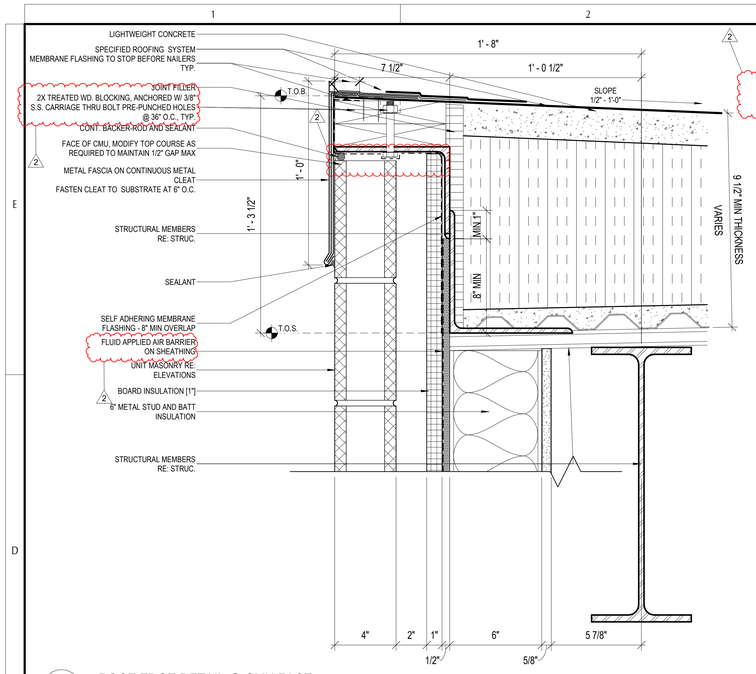
ISSUED: FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	--/--/----
RECORD	--/--/----

PROJECT MANAGER	DESIGNER
FS	AS,SK,AC

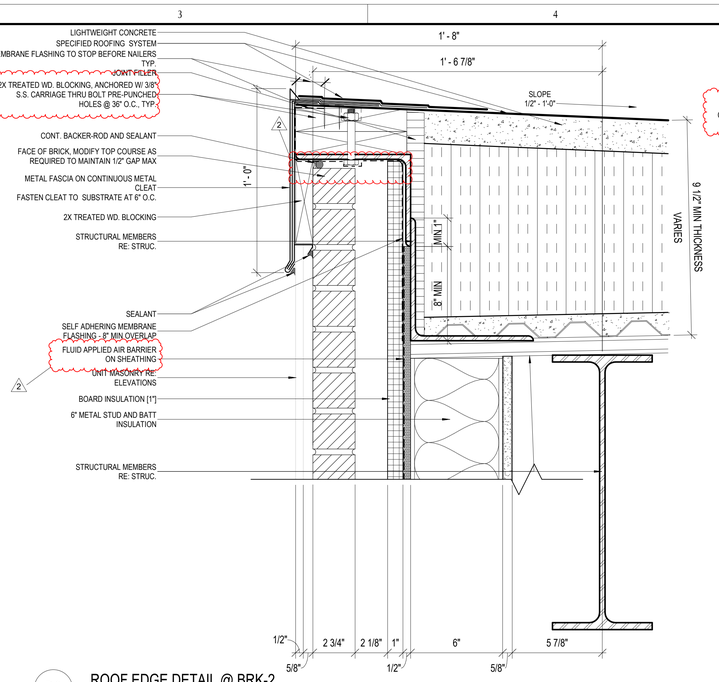
JOB NO.
2023159.00

A-154

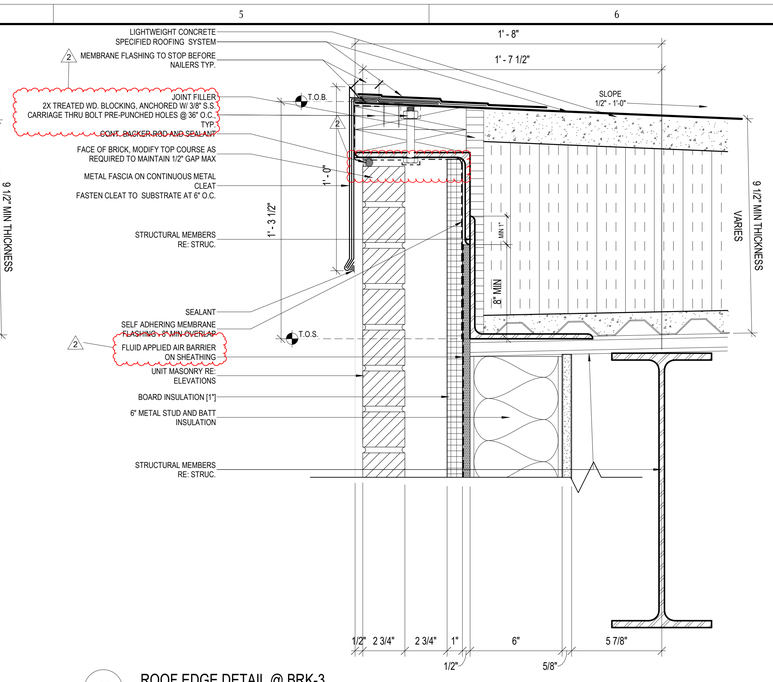
6/2/2025 5:31:02 PM



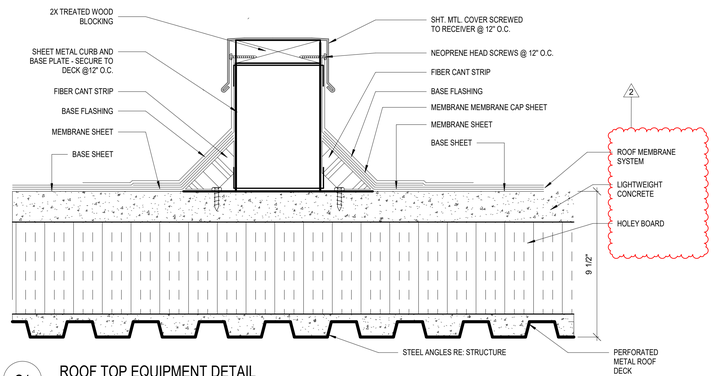
D1 ROOF EDGE DETAIL @ CMU FACE
3" = 1'-0"



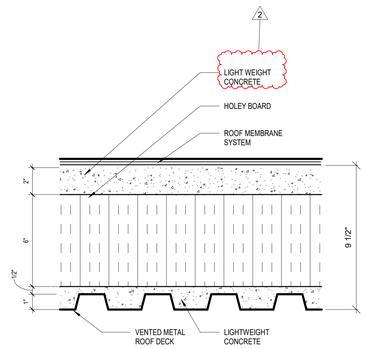
D3 ROOF EDGE DETAIL @ BRK-2
3" = 1'-0"



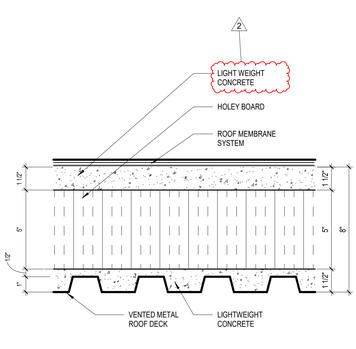
D5 ROOF EDGE DETAIL @ BRK-3
3" = 1'-0"



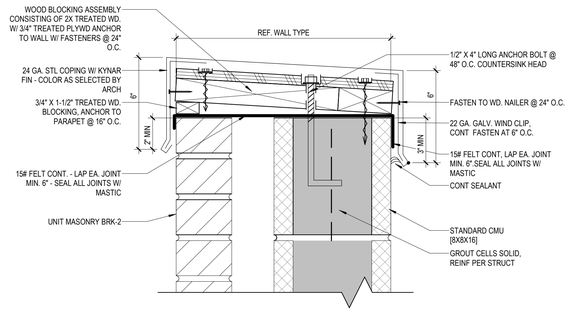
C1 ROOF TOP EQUIPMENT DETAIL
3" = 1'-0"



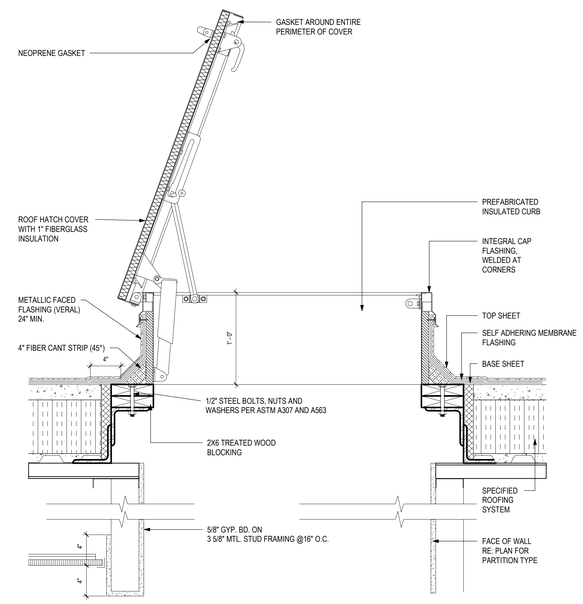
C3 TYP. ROOF ASSEMBLY
3" = 1'-0"



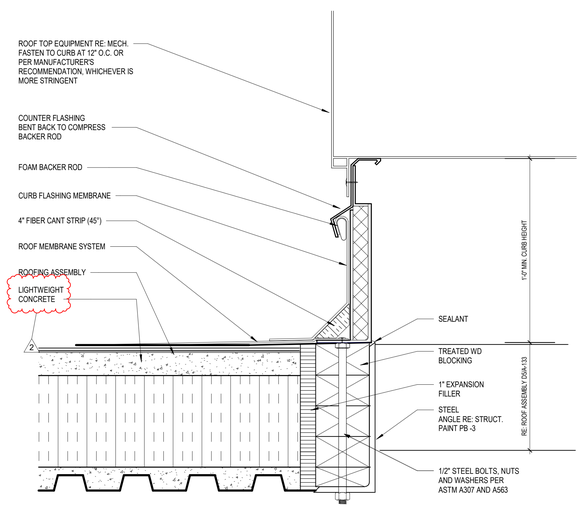
C4 ROOF ASSEMBLY @ ENTRANCE
3" = 1'-0"



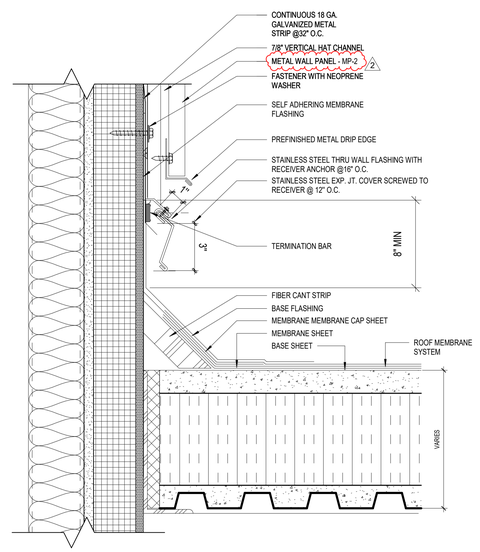
C5 TYP METAL CAP DETAIL MASONRY
3" = 1'-0"



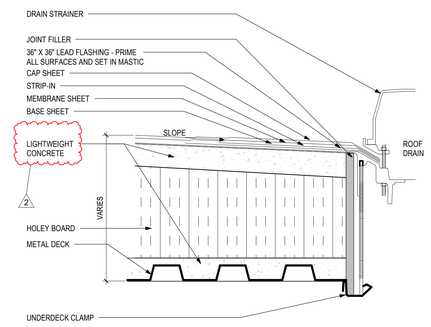
A1 ROOF HATCH
1 1/2" = 1'-0"



A2 TYPICAL ROOF HATCH CURB
3" = 1'-0"



A3 TYP. ROOF TO WALL FLASHING DETAIL
3" = 1'-0"



A4 TYP. ROOF DRAIN
3" = 1'-0"

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

REV.	DATE	DESCRIPTION
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
JOHN M. MILLER
27116
STATE OF TEXAS

6/02/2025

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

ROOF DETAILS

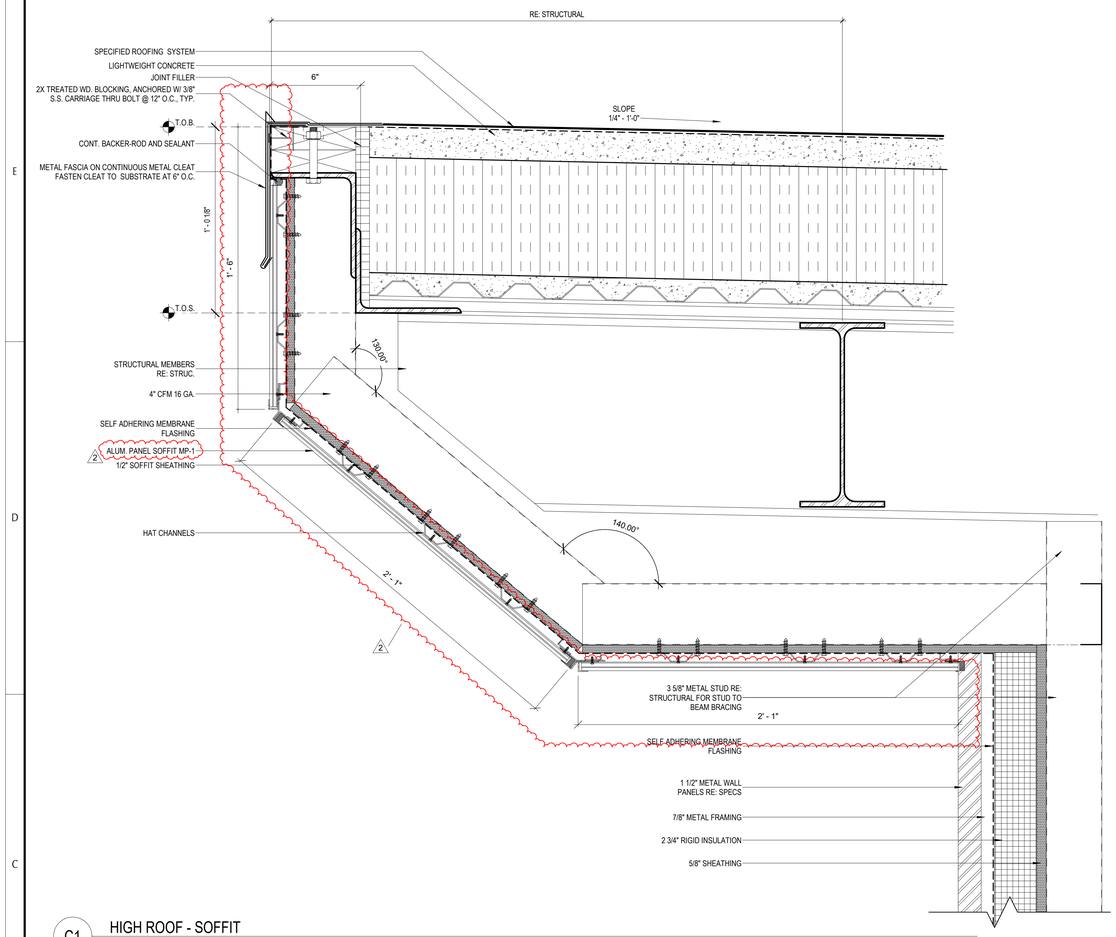
ISSUED: FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	--/--/----
RECORD	--/--/----

PROJECT MANAGER	DESIGNER
FS	AS, SK

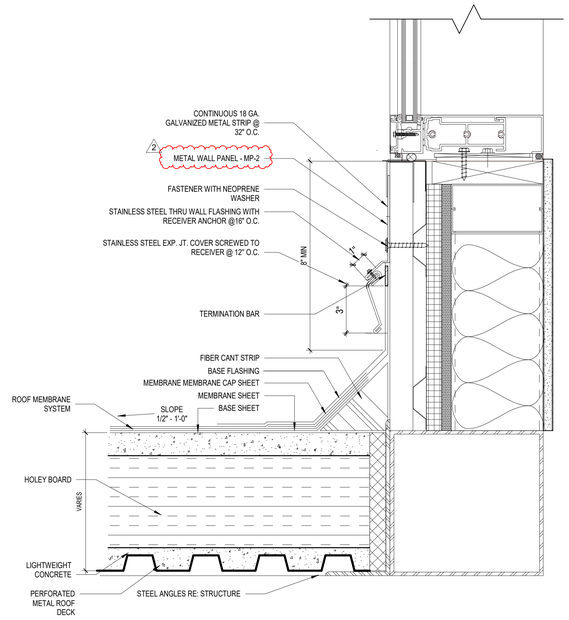
JOB NO.
2023159.00

A-157

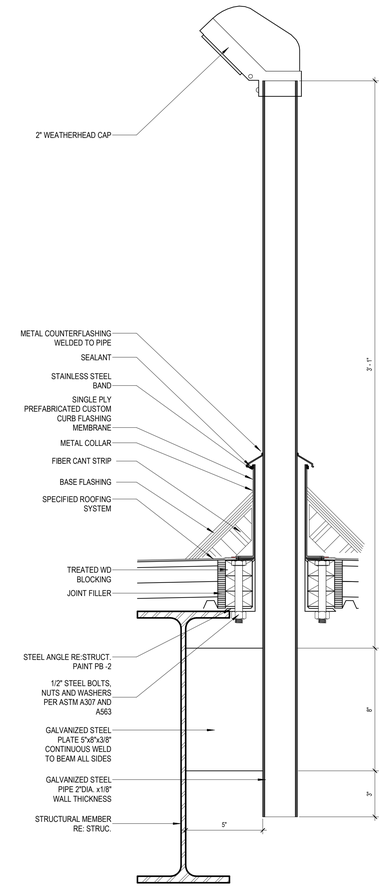
5/31/2025 12:54:38 AM



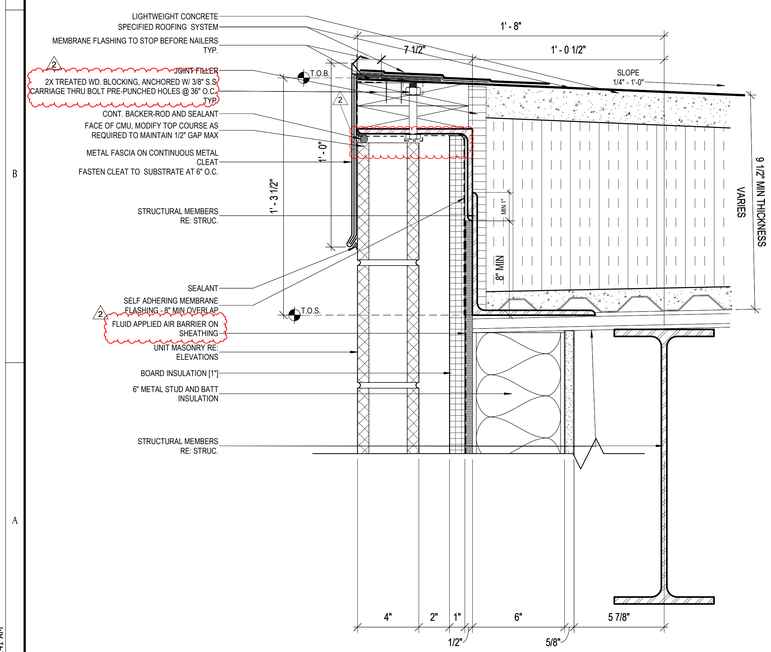
C1 HIGH ROOF - SOFFIT
3" = 1'-0"



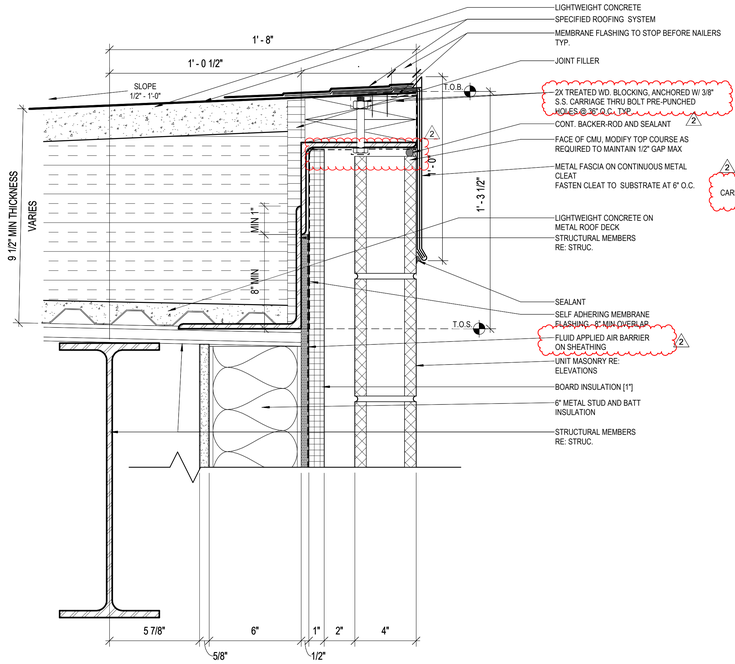
C5 ROOF TO WALL FLASHING @ CLERESTORY
3" = 1'-0"



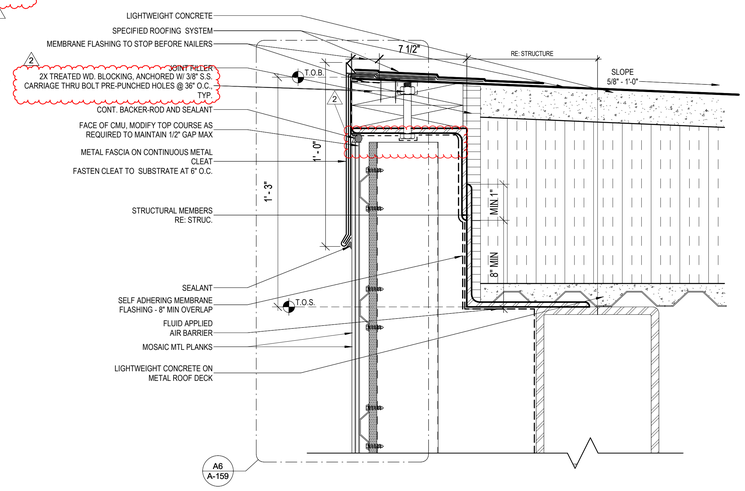
C6 EMERGENCY RADIO ANTENNA SYSTEM - ROOF PENETRATION
3" = 1'-0"



A1 ROOF EDGE DETAIL @ PUMP ROOM
3" = 1'-0"



A3 ROOF EDGE DETAIL @ PUMP ROOM OPP.
3" = 1'-0"



A5 ROOF EDGE DETAIL @ ENTRANCE
3" = 1'-0"

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

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Landscaping:
Mary L. Goldsby Associates

Structural Engineers:
Dally + Associates, Inc.

MEPT ENGINEERS
Salas O'Brien

REV.	DATE	DESCRIPTION
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
JOE M. MILLER
27116
STATE OF TEXAS
6/02/2025

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

ROOF DETAILS

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

PROJECT MANAGER	DESIGNER
FS	AS

JOB NO.
2023159.00

A-158

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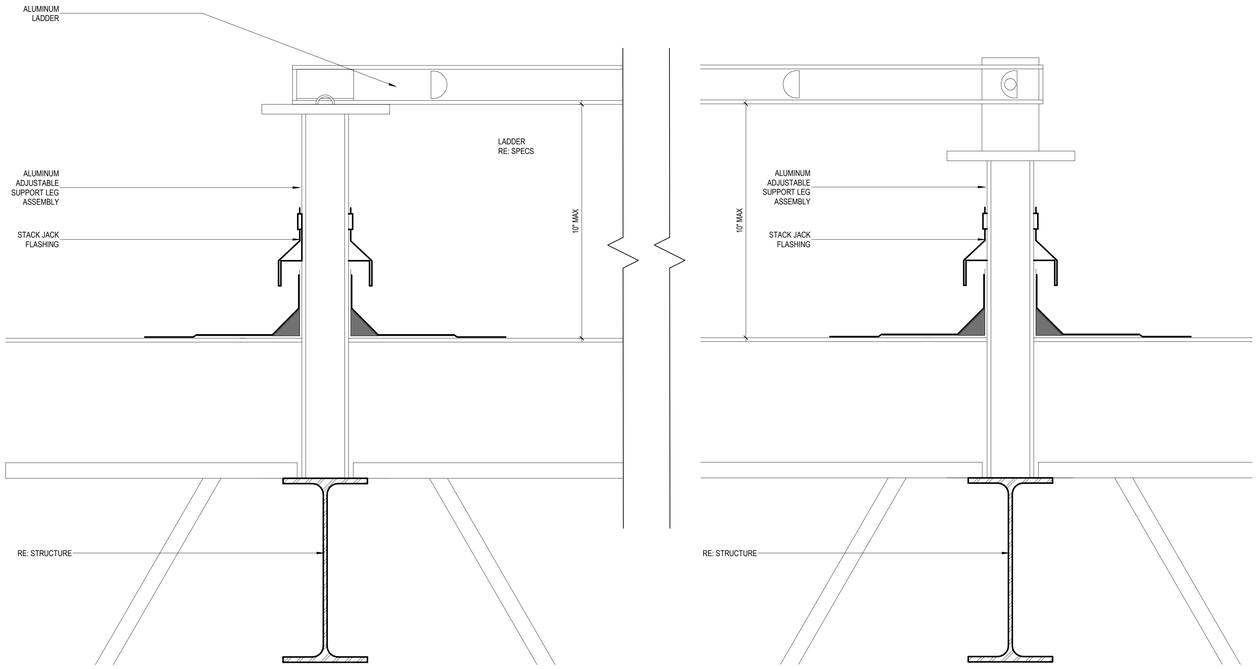
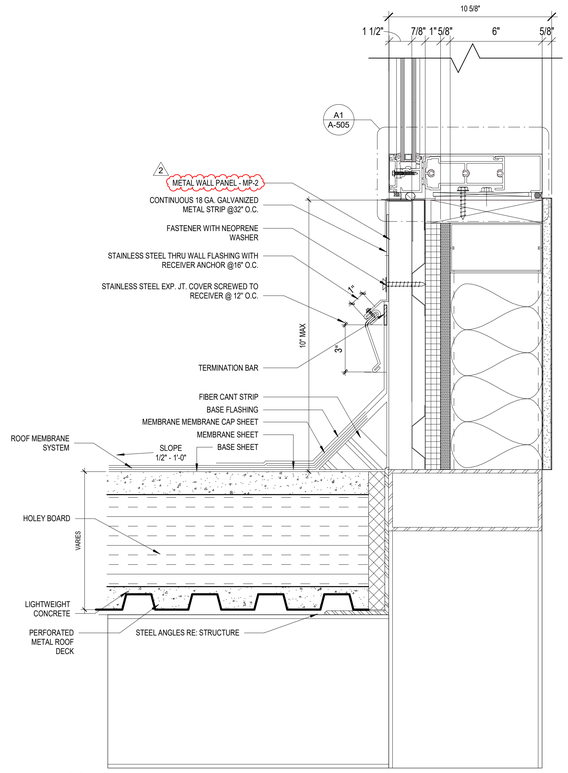
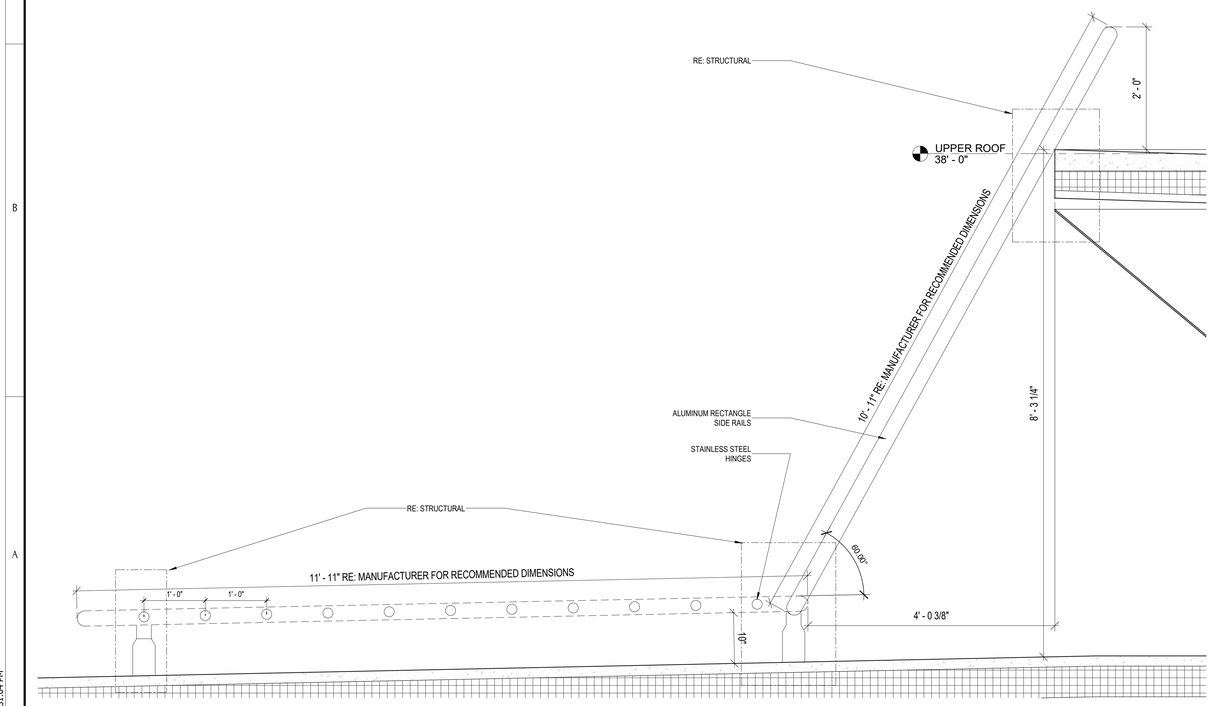


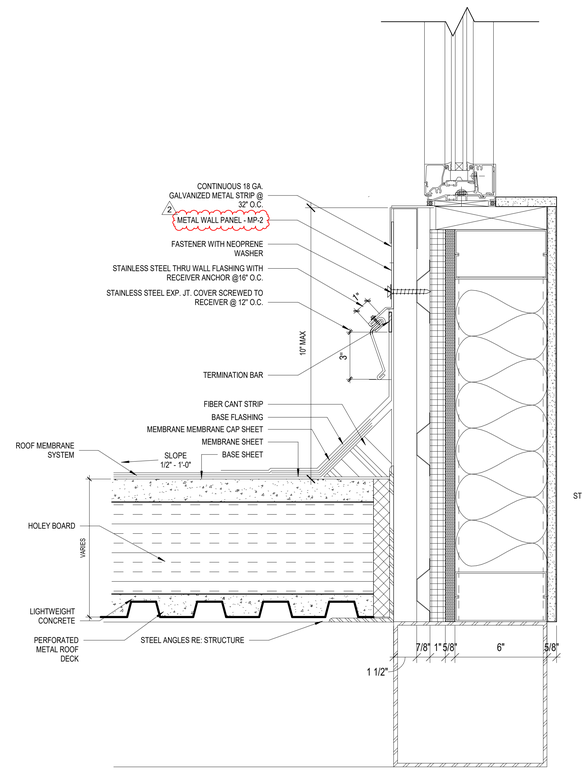
C1 PIVOTING LADDER - SECTION DETAIL
3" = 1'-0"



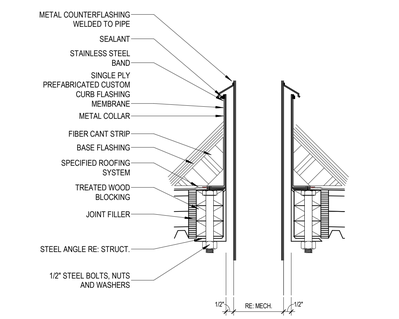
C4 ROOF TO WALL FLASHING @ ENTRANCE - B
3" = 1'-0"



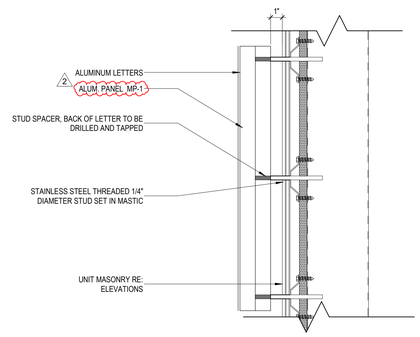
A1 PIVOT ACCESS LADDER
1" = 1'-0"



A4 ROOF TO WALL FLASHING @ ENTRANCE - A
3" = 1'-0"



B6 TYPICAL COLD PIPE PENETRATION
3" = 1'-0"



A6 EXTERIOR CANOPY SIGNAGE DETAIL
3" = 1'-0"

6/2/2025 5:31:04 PM

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:
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Landscaping:
Mary L. Goldsby Associates

Structural Engineers:
Dally + Associates, Inc.

MEPT ENGINEERS
Salas O'Brien

REV.	DATE	DESCRIPTION
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
KIMI MARIE MAY
17116
STATE OF TEXAS

6/02/2025

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

ROOF DETAILS

ISSUED: FOR BID	
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BID	05/08/2025
CONSTRUCTION	--/--/----
RECORD	--/--/----

PROJECT MANAGER	DESIGNER
FS	AS

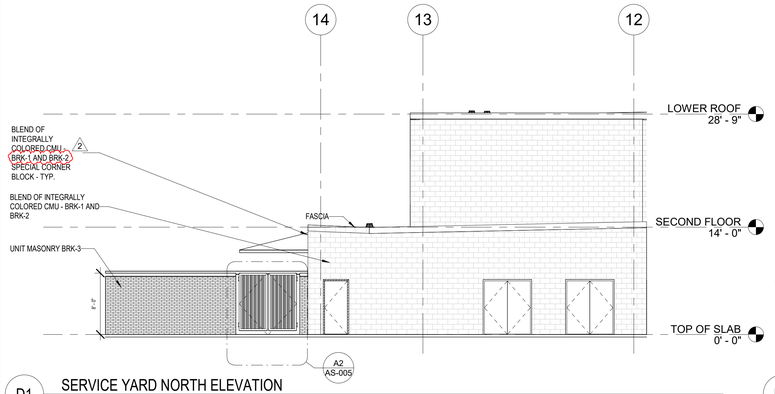
JOB NO.
2023159.00

A-159

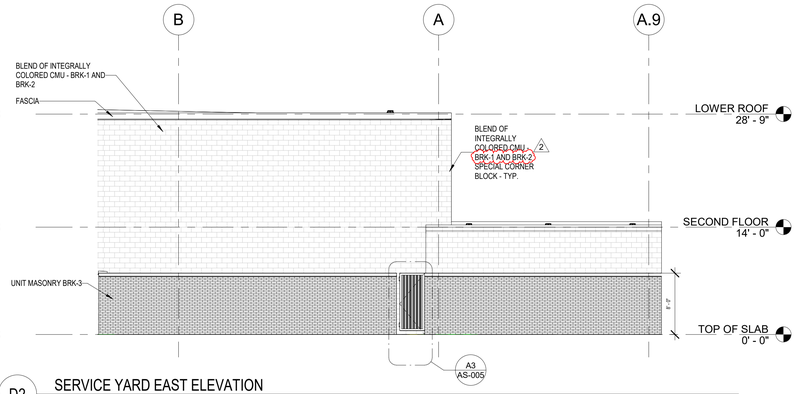
EXTERIOR FINISH SCHEDULE

2

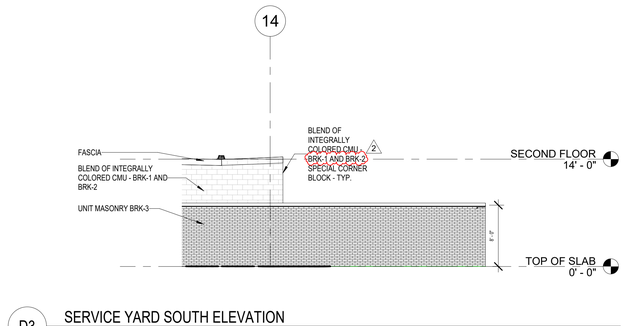
BRK-1	GROUND FACE BURNISHED FINISH CMU
BRK-2	SPLIT FACE FINISH CMU
BRK-3	KING SIZE RUNNING BOND - FIELD BRICK
BRK-4	KING SIZE RUNNING BOND - ACCENT BRICK
MP-1	ALUMINUM SOFFIT PANEL WITH WOOD GRAIN FINISH
MP-2	METAL WALL PANEL



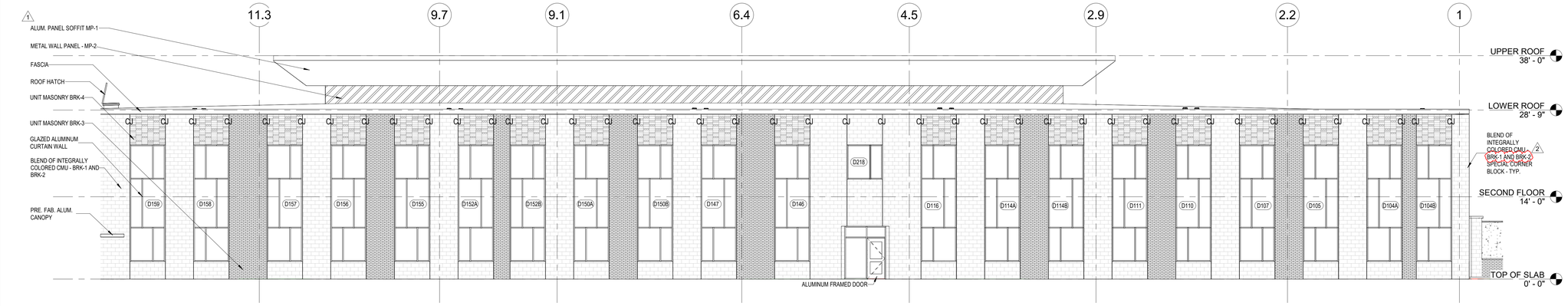
D1 SERVICE YARD NORTH ELEVATION
1/8" = 1'-0"



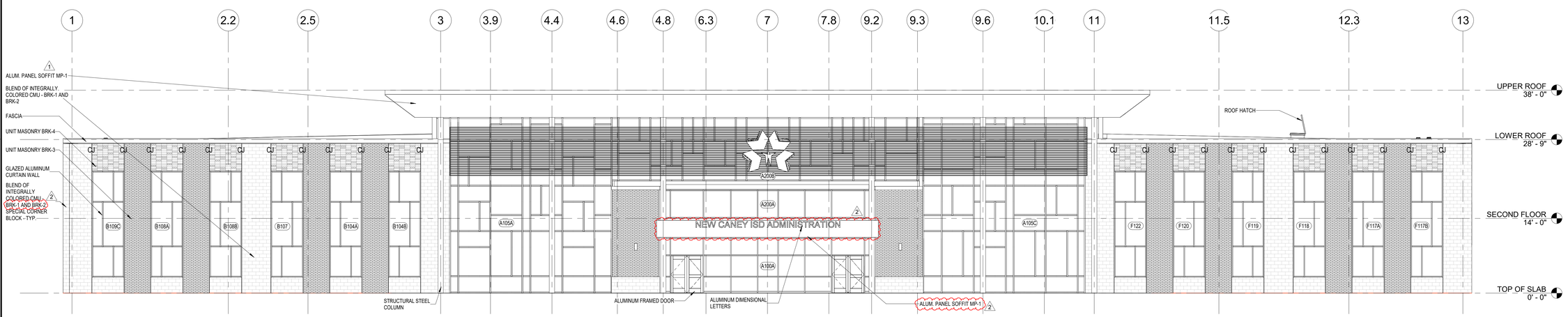
D2 SERVICE YARD EAST ELEVATION
1/8" = 1'-0"



D3 SERVICE YARD SOUTH ELEVATION
1/8" = 1'-0"



B1 NORTH ELEVATION
1/8" = 1'-0"



A1 SOUTH ELEVATION
1/8" = 1'-0"

GPD GROUP
Professional Corporation
2121 Sage Road, Suite 240
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Architecture/ Interior Design

CONSULTANTS:

Civil Engineers:
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Landscaping:
Mary L. Goldsby Associates

Structural Engineers:
Dally + Associates, Inc.

MEPT ENGINEERS
Salas O'Brien

REV.	DATE	DESCRIPTION
1	05/20/25	ADDENDUM 1
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
JOHN M. MILLER
27116
STATE OF TEXAS
6/02/2025

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

EXTERIOR ELEVATIONS

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

PROJECT MANAGER	DESIGNER
FS	AS, SK, AC

JOB NO.
2023159.00

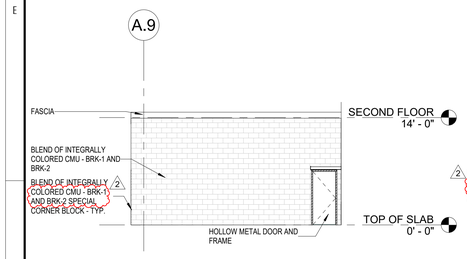
A-201

6/2/2025 5:31:07 PM

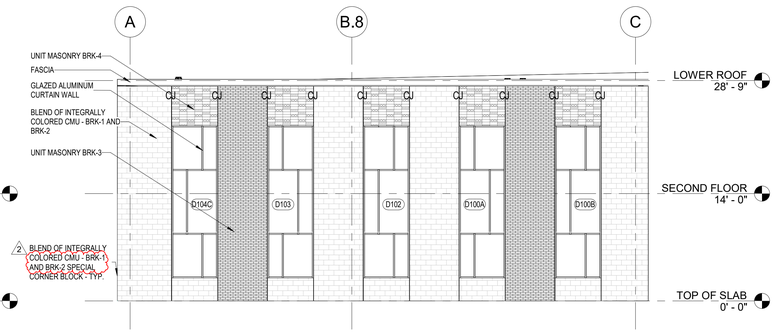
EXTERIOR FINISH SCHEDULE

2

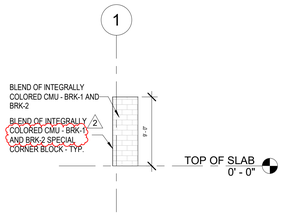
BRK-1	GROUND FACE BURNISHED FINISH CMU
BRK-2	SPLIT FACE FINISH CMU
BRK-3	KING SIZE RUNNING BOND - FIELD BRICK
BRK-4	KING SIZE RUNNING BOND - ACCENT BRICK
MP-1	ALUMINUM SOFFIT PANEL WITH WOOD GRAIN FINISH
MP-2	METAL WALL PANEL



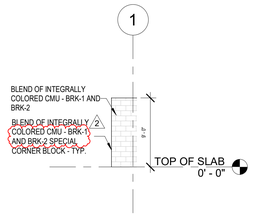
D1 SERVICE YARD WEST ELEVATION
1/8" = 1'-0"



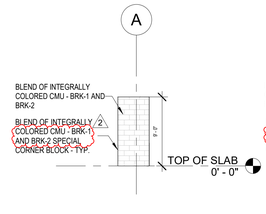
D2 WEST ELEVATION - B
1/8" = 1'-0"



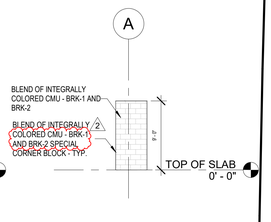
D3 G100B - SOUTH
1/8" = 1'-0"



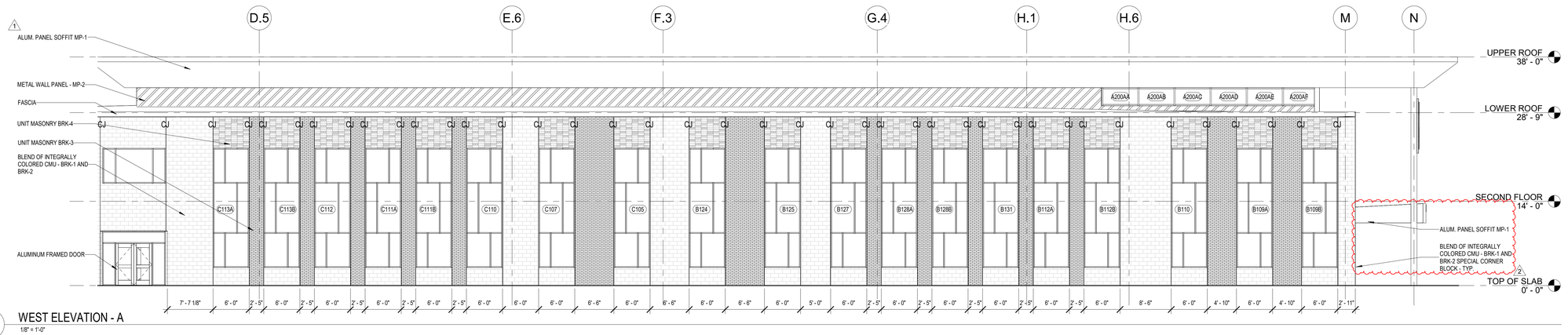
D4 G100B - NORTH
1/8" = 1'-0"



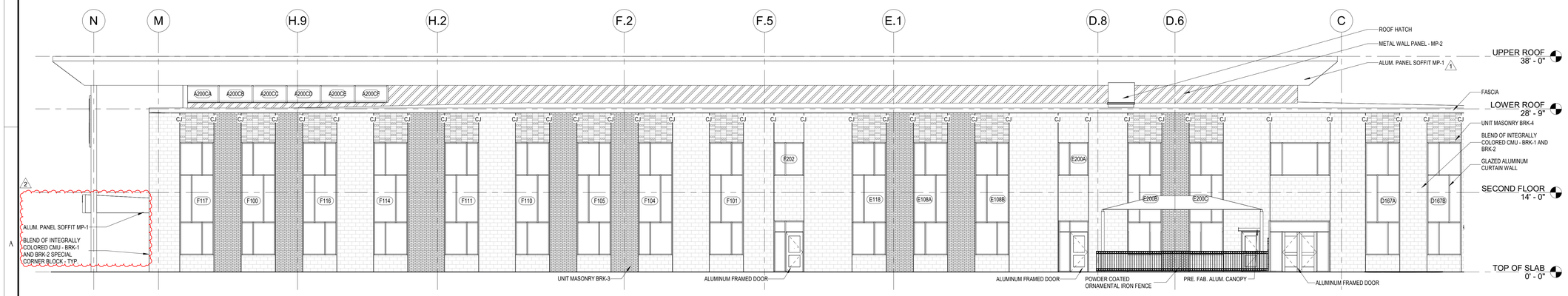
D5 D130C - EAST
1/8" = 1'-0"



D6 D130C - WEST
1/8" = 1'-0"



B1 WEST ELEVATION - A
1/8" = 1'-0"



A1 EAST ELEVATION
1/8" = 1'-0"

GPD GROUP
Professional Corporation
2121 Sage Road, Suite 240
Houston, TX 77056
713.622.1448 Fax 713.622.1455

Architecture/ Interior Design

CONSULTANTS:

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Mary L. Goldsby Associates

Structural Engineers:
Dally + Associates, Inc.

MEPT ENGINEERS
Salas O'Brien

REV.	DATE	DESCRIPTION
1	05/20/25	ADDENDUM 1
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
JOE M. MICHEL
27116
STATE OF TEXAS

6/02/2025

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

EXTERIOR ELEVATIONS

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

PROJECT MANAGER	DESIGNER
FS	AS, SK, AC

JOB NO.
2023159.00

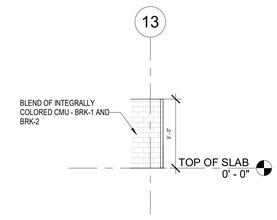
A-202

6/2/2025 5:31:12 PM

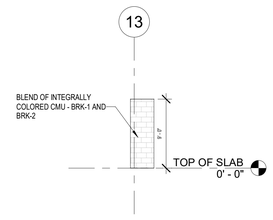
EXTERIOR FINISH SCHEDULE

2

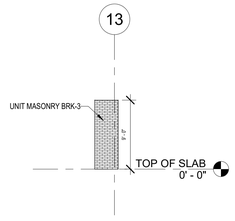
BRK-1	GROUND FACE BURNISHED FINISH CMU
BRK-2	SPLIT FACE FINISH CMU
BRK-3	KING SIZE RUNNING BOND - FIELD BRICK
BRK-4	KING SIZE RUNNING BOND - ACCENT BRICK
MP-1	ALUMINUM SOFFIT PANEL WITH WOOD GRAIN FINISH
MP-2	METAL WALL PANEL



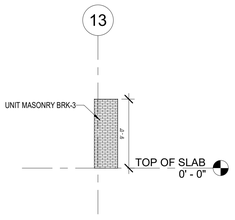
D1 E119 - SOUTH
1/8" = 1'-0"



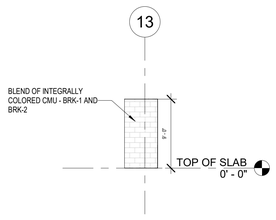
D2 E119 - NORTH
1/8" = 1'-0"



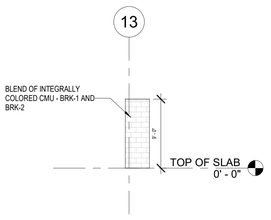
D3 G100D - SOUTH
1/8" = 1'-0"



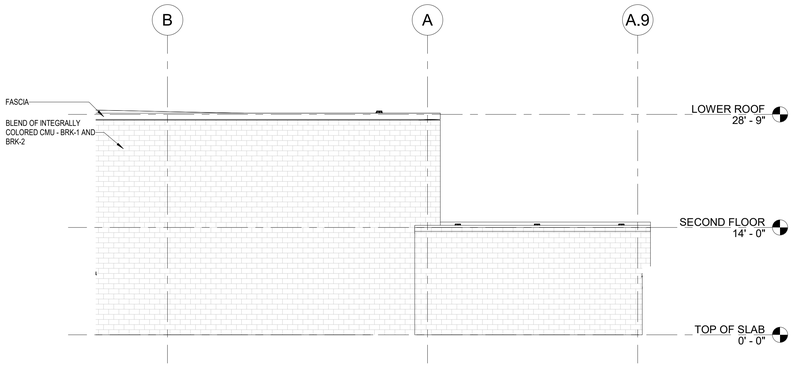
D4 G100D - NORTH
1/8" = 1'-0"



D5 E107B - SOUTH
1/8" = 1'-0"

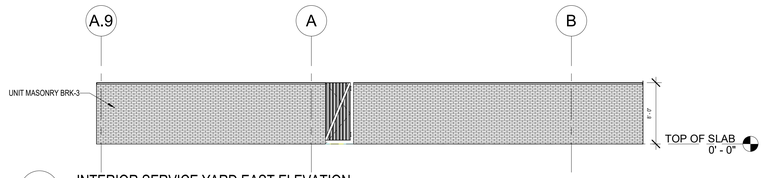


D6 E107B - NORTH
1/8" = 1'-0"

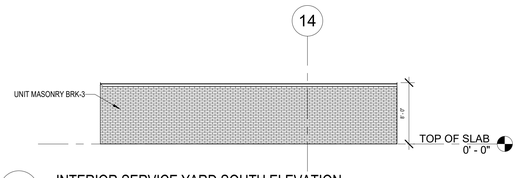


C1 INTERIOR SERVICE YARD WEST ELEVATION
1/8" = 1'-0"

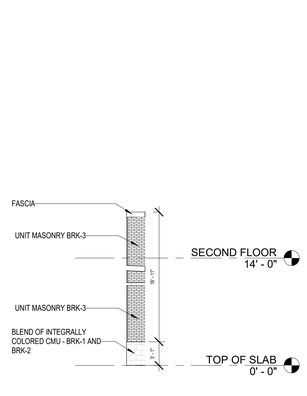
B1 INTERIOR SERIVCE YARD NORTH ELEVATION
1/8" = 1'-0"



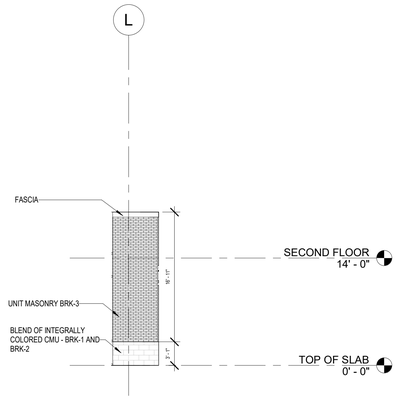
B2 INTERIOR SERVICE YARD EAST ELEVATION
1/8" = 1'-0"



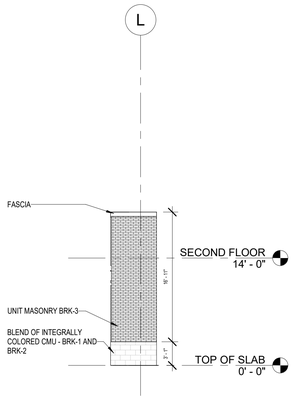
B3 INTERIOR SERVICE YARD SOUTH ELEVATION
1/8" = 1'-0"



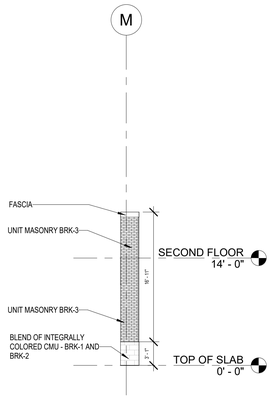
A1 A101 RR VESTIBULE EAST ELEVATION
1/8" = 1'-0"



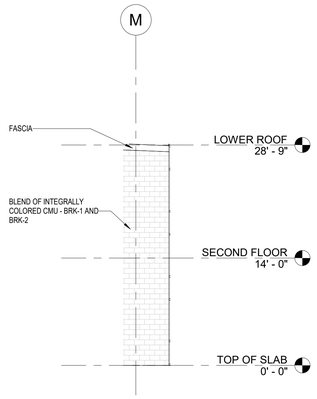
A2 A101 RR VESTIBULE WEST ELEVATION
1/8" = 1'-0"



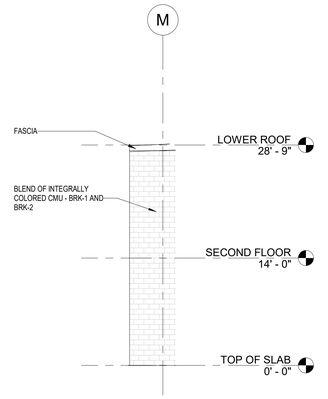
A3 A102 RR VESTIBULE EAST ELEVATION
1/8" = 1'-0"



A4 A102 RR VESTIBULE WEST ELEVATION
1/8" = 1'-0"



A5 CONFERENCE ROOM EAST ELEVATION
1/8" = 1'-0"



A6 WAITING / RECEPTION / COORD WEST ELEVATION
1/8" = 1'-0"

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

REV.	DATE	DESCRIPTION
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
JOHN M. MILLER
27116
STATE OF TEXAS

6/02/2025

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

EXTERIOR ELEVATIONS

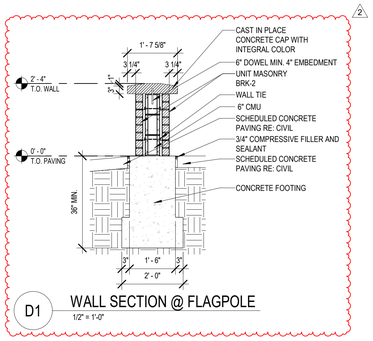
ISSUED: FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	--/--/----
RECORD	--/--/----

PROJECT MANAGER	DESIGNER
FS	AS, SK, AC

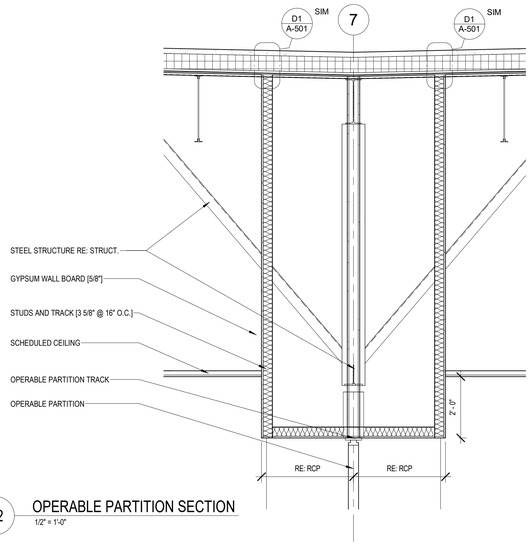
JOB NO.
2023159.00

A-203

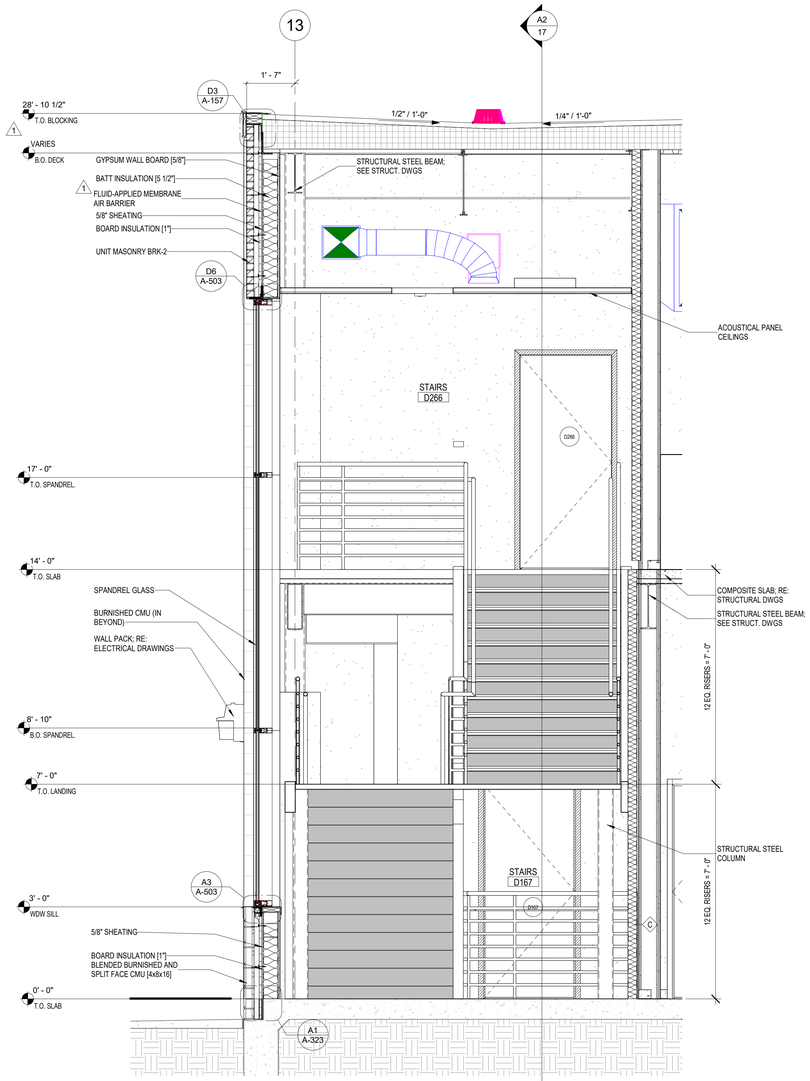
6/2/2025 5:31:17 PM



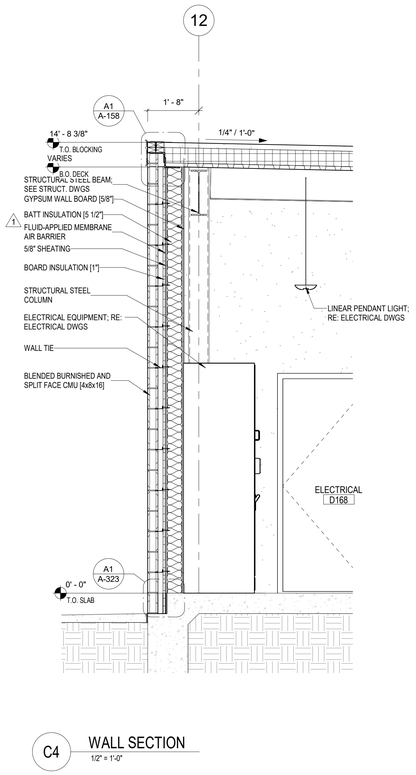
D1 WALL SECTION @ FLAGPOLE
1/2" = 1'-0"



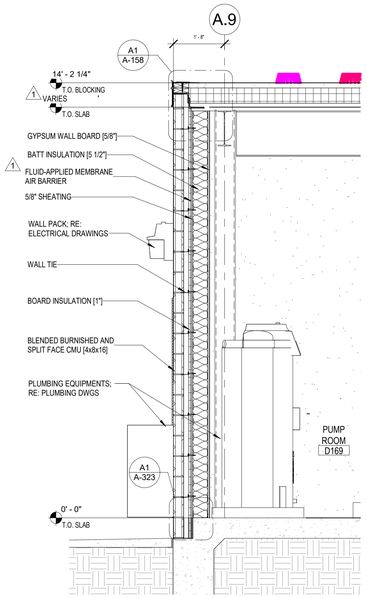
D2 OPERABLE PARTITION SECTION
1/2" = 1'-0"



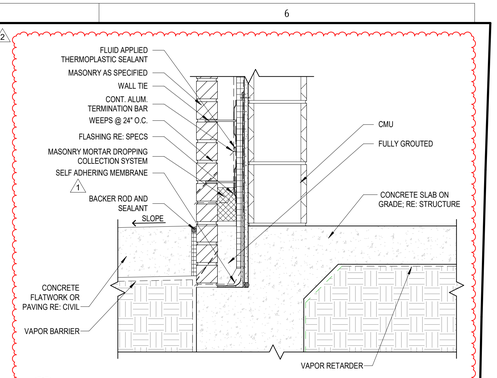
A1 WALL SECTION
1/2" = 1'-0"



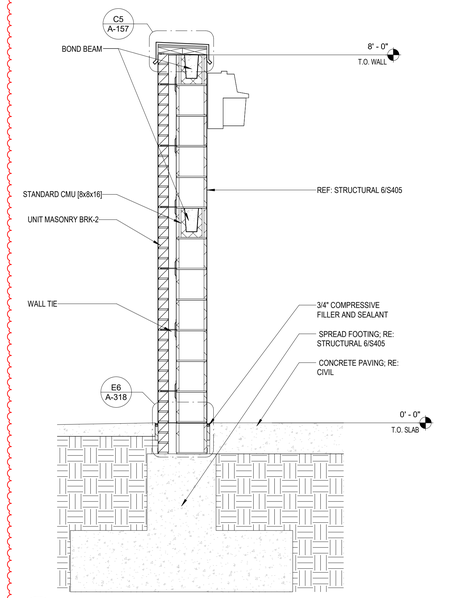
C4 WALL SECTION
1/2" = 1'-0"



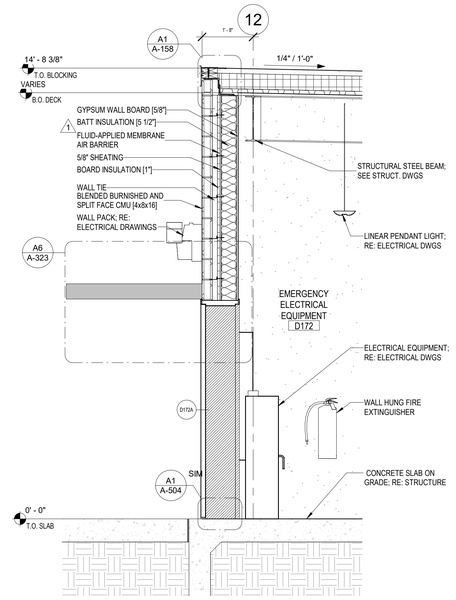
A4 WALL SECTION
1/2" = 1'-0"



E6 FOUNDATION DETAIL @ EXTERIOR BRICK
1 1/2" = 1'-0"



C6 WALL SECTION
3/4" = 1'-0"



A6 WALL SECTION
1/2" = 1'-0"

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

REV.	DATE	DESCRIPTION
1	05/30/25	ADDENDUM 1
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
MARK A. SKA...
22116
STATE OF TEXAS

6/02/2025

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

WALL SECTIONS

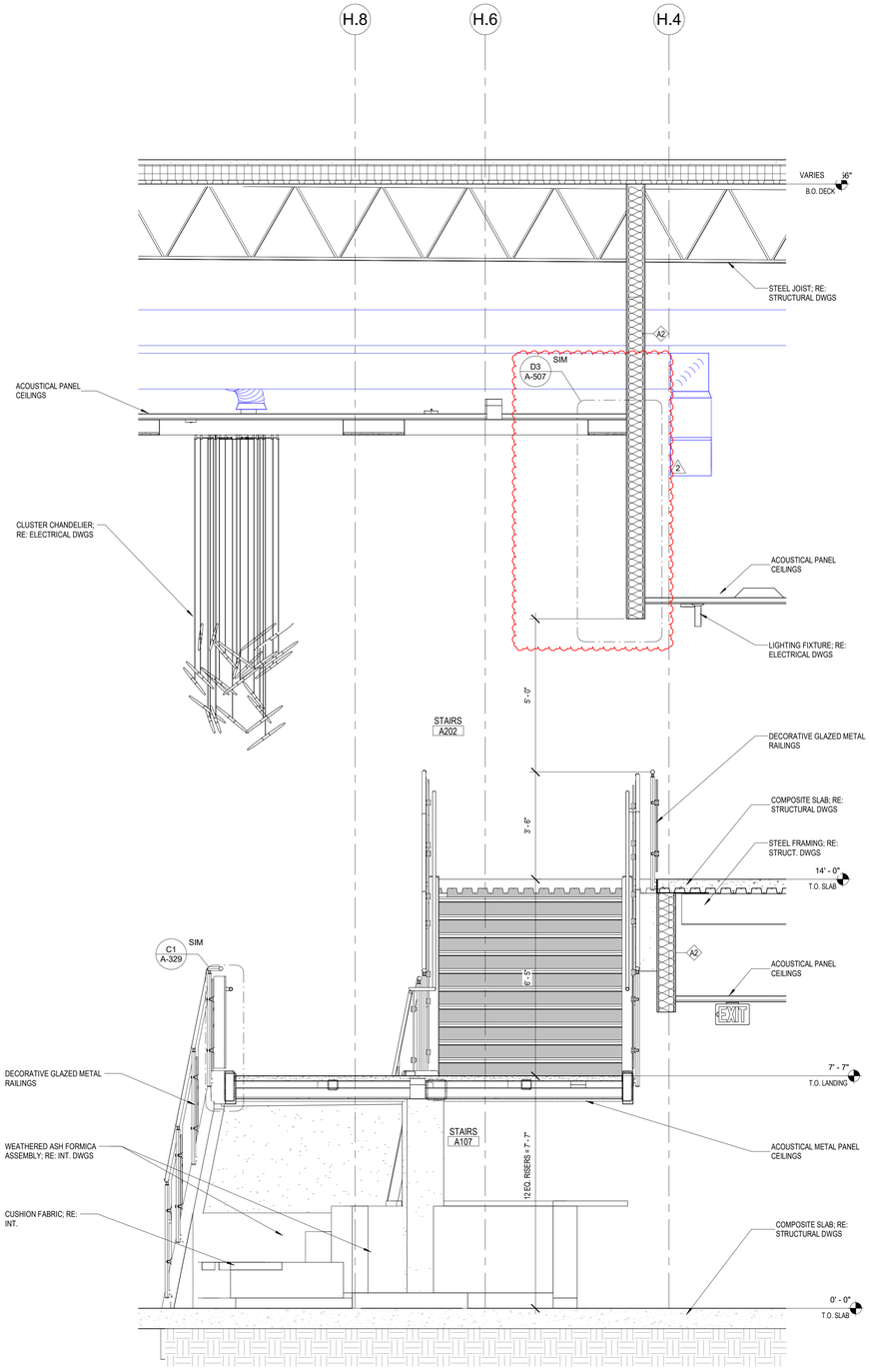
ISSUED: FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	--/--/----
RECORD	--/--/----

PROJECT MANAGER	DESIGNER
FS	AS, SK

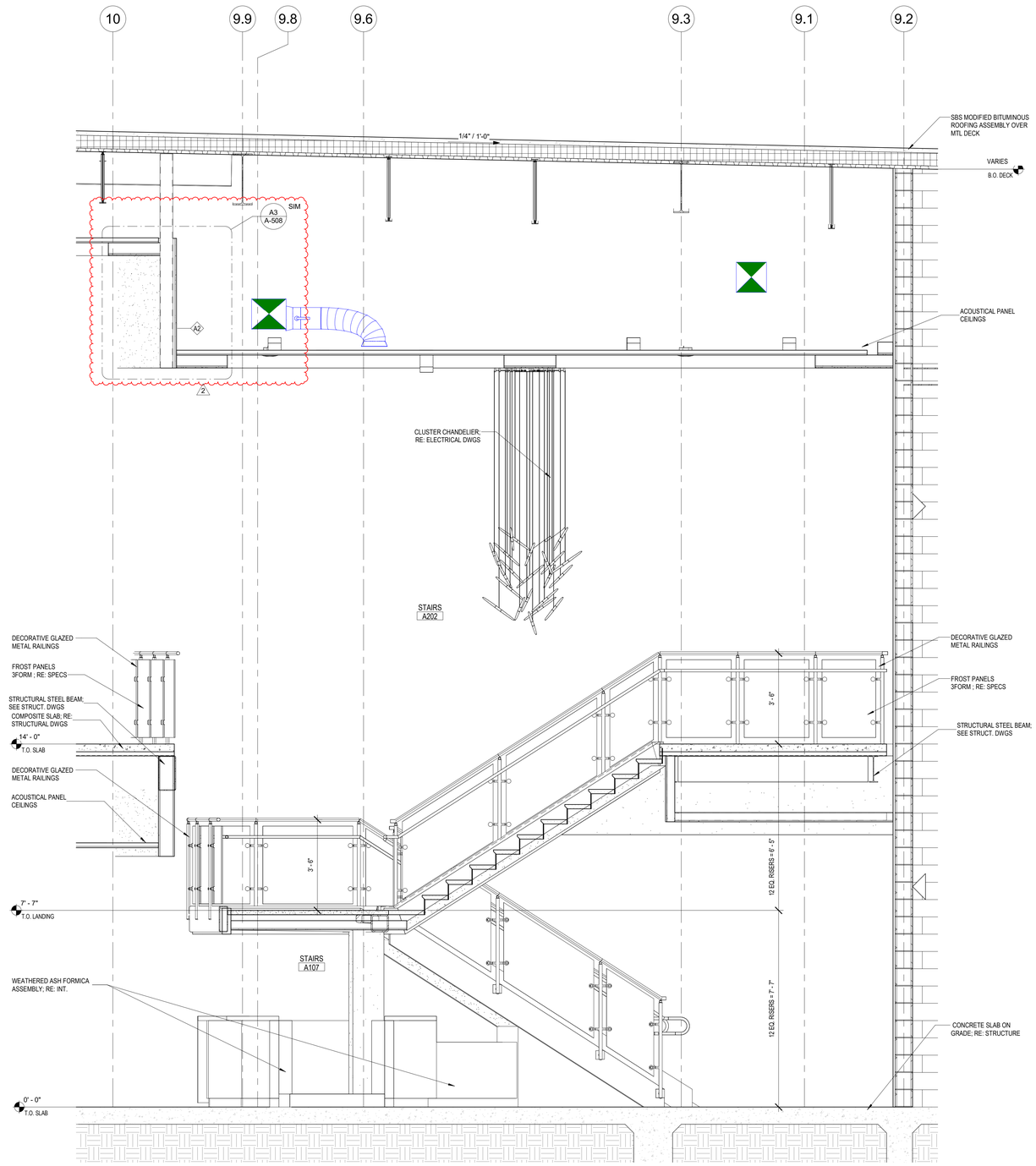
JOB NO.
2023159.00

A-318

6/2/2025 5:31:26 PM



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



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

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

REV.	DATE	DESCRIPTION
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
MARY L. MCCLAIN
27116
STATE OF TEXAS
6/02/2025

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

WALL SECTIONS

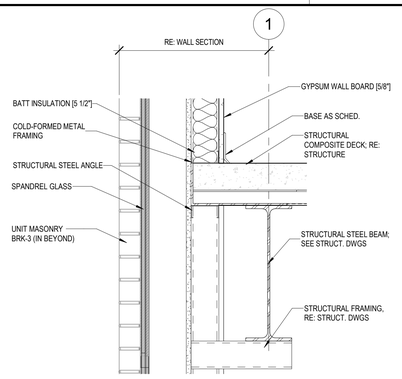
ISSUED: FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	--/--/----
RECORD	--/--/----

PROJECT MANAGER	DESIGNER
FS	AS, SK

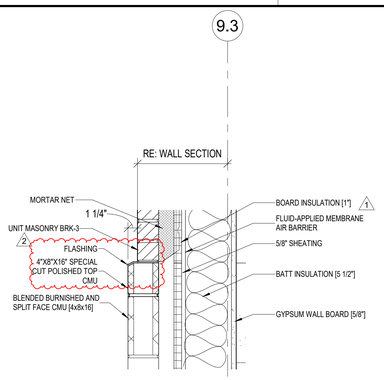
JOB NO.
2023159.00

A-321

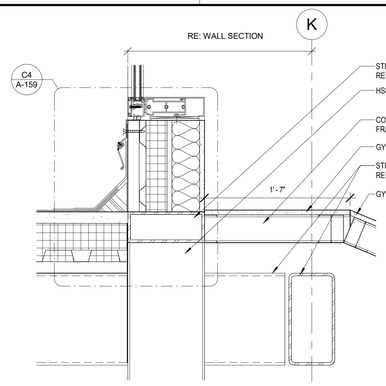
6/2/2025 5:31:33 PM



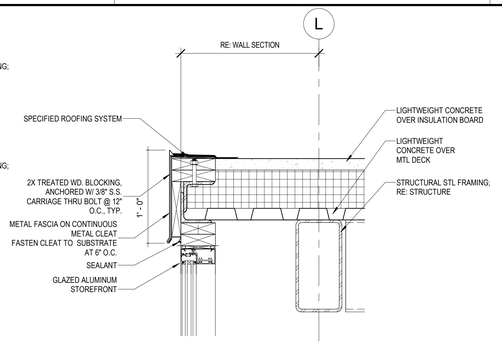
E1 WALL SECTION DETAIL
1 1/2" = 1'-0"



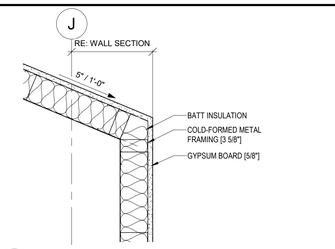
E2 WALL SECTION DETAIL
1 1/2" = 1'-0"



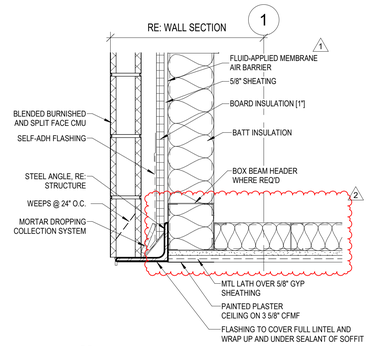
E4 WALL SECTION DETAIL
1 1/2" = 1'-0"



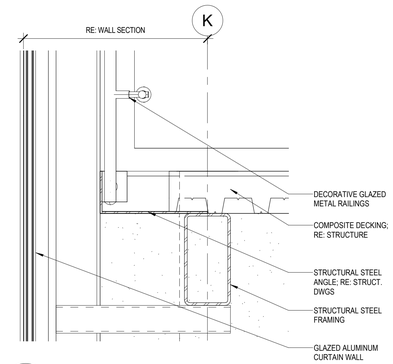
E5 WALL SECTION DETAIL
1 1/2" = 1'-0"



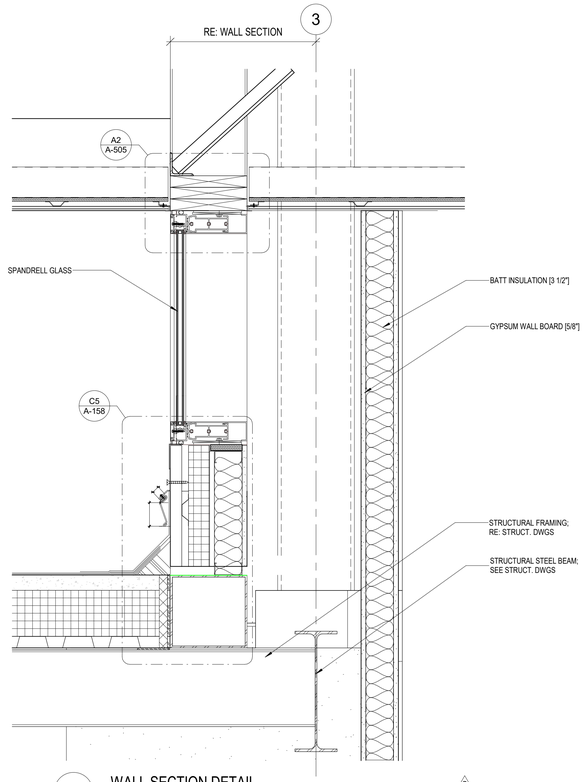
E6 WALL SECTION DETAIL
1 1/2" = 1'-0"

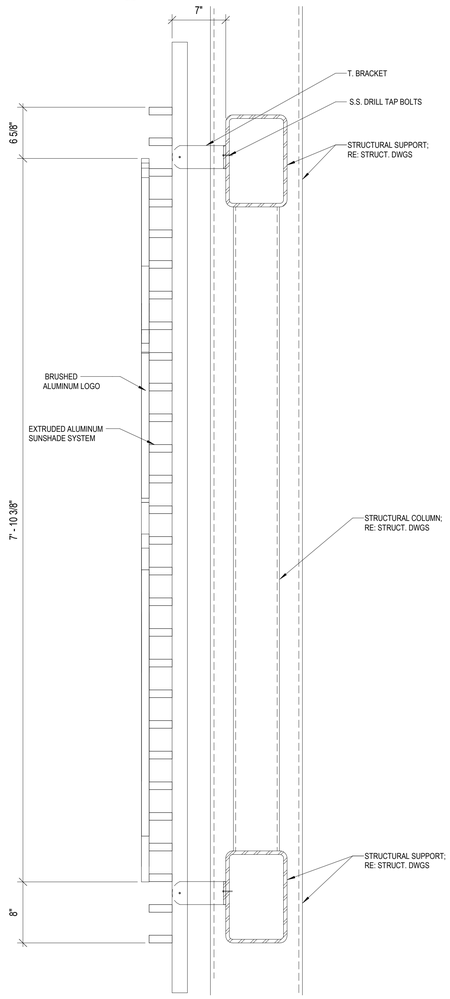


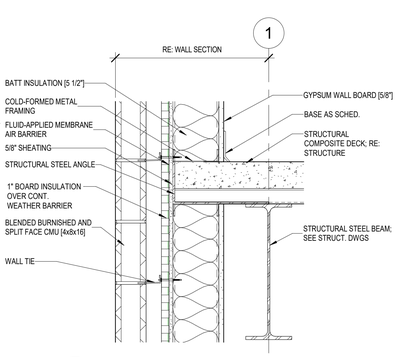
D1 WALL SECTION DETAIL
1 1/2" = 1'-0"



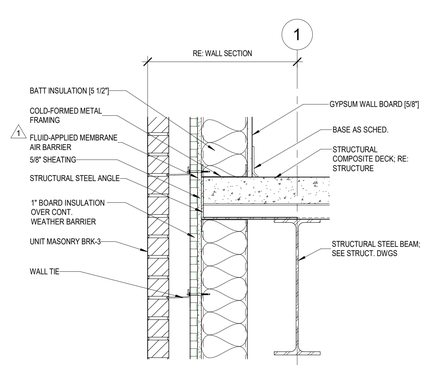
D2 WALL SECTION DETAIL
1 1/2" = 1'-0"



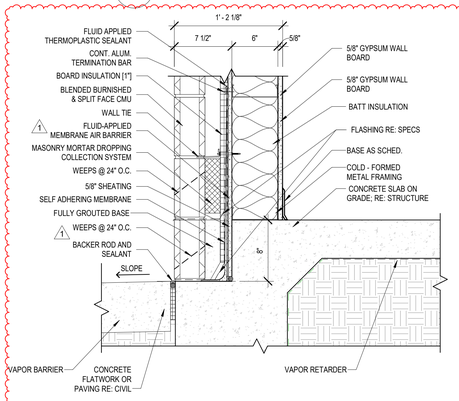




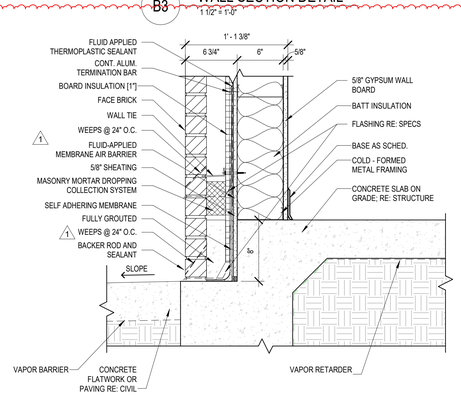
B1 WALL SECTION DETAIL
1 1/2" = 1'-0"



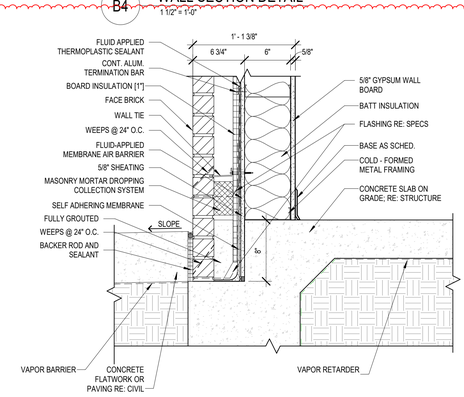
B3 WALL SECTION DETAIL
1 1/2" = 1'-0"



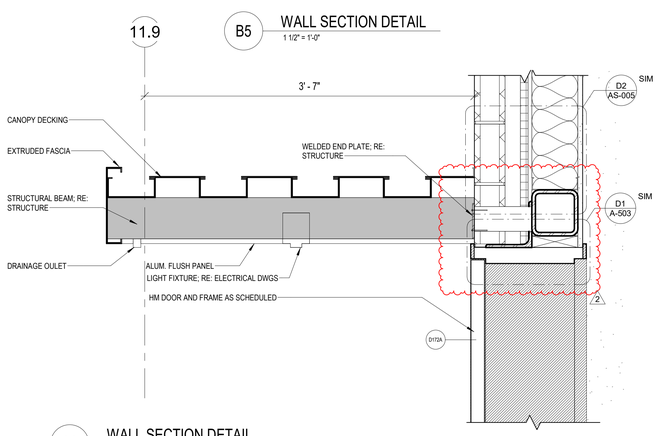
A1 FOUNDATION DETAIL @ EXTERIOR CMU
1 1/2" = 1'-0"



A3 FOUNDATION DETAIL @ EXTERIOR BRICK
1 1/2" = 1'-0"



A4 FOUNDATION DETAIL @ EXTERIOR BRICK
1 1/2" = 1'-0"



B5 WALL SECTION DETAIL
1 1/2" = 1'-0"

A6 WALL SECTION DETAIL
1 1/2" = 1'-0"

GPD GROUP
Professional Corporation
2121 Sage Road, Suite 240
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Architecture/ Interior Design

CONSULTANTS:

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Landscaping:
Mary L. Goldsby Associates

Structural Engineers:
Dally + Associates, Inc.

MEPT ENGINEERS
Salas O'Brien

REV.	DATE	DESCRIPTION
1	05/20/25	ADDENDUM 1
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
M. MILLER
27116
STATE OF TEXAS

6/02/2025

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

WALL SECTION DETAILS

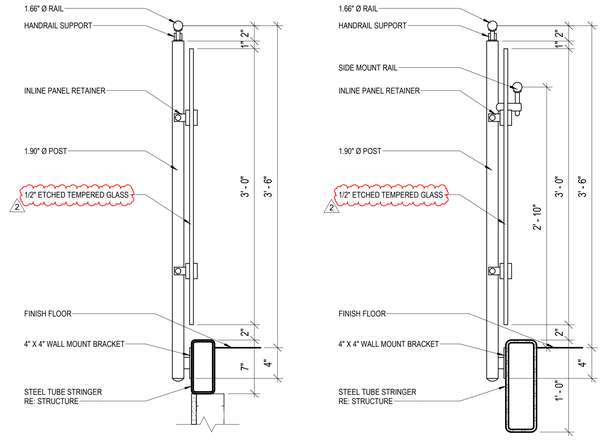
ISSUED: FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	--/--/----
RECORD	--/--/----

PROJECT MANAGER	DESIGNER
FS	AS, SK

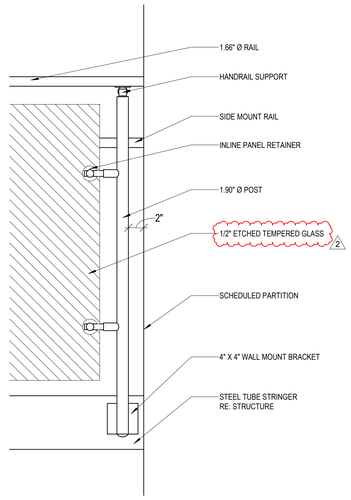
JOB NO.
2023159.00

A-323

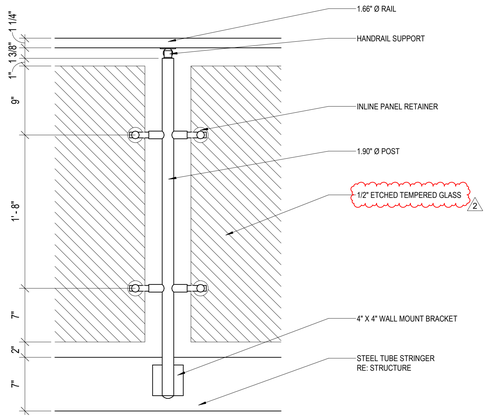
6/2/2025 5:31:34 PM



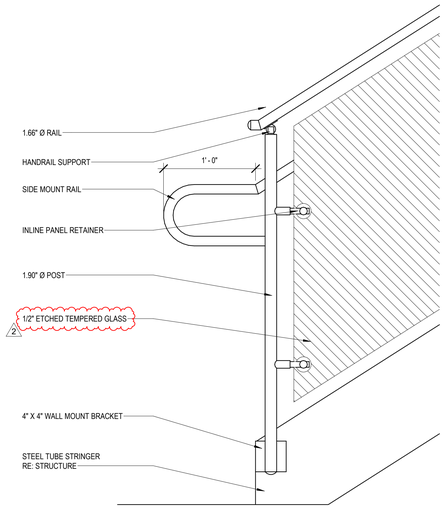
C1 HANDRAIL SECTION
1 1/2" = 1'-0"



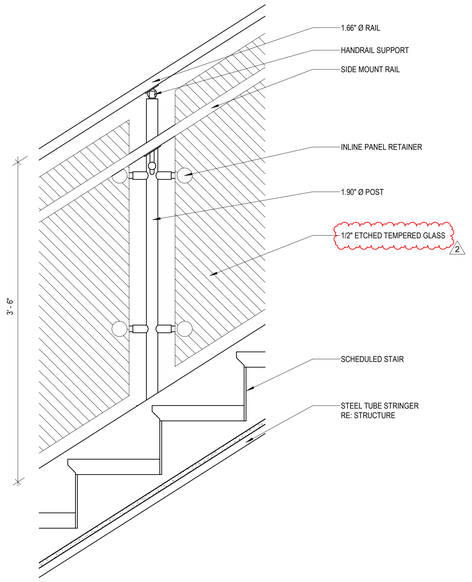
C3 HANDRAIL DETAIL @ WALL
1 1/2" = 1'-0"



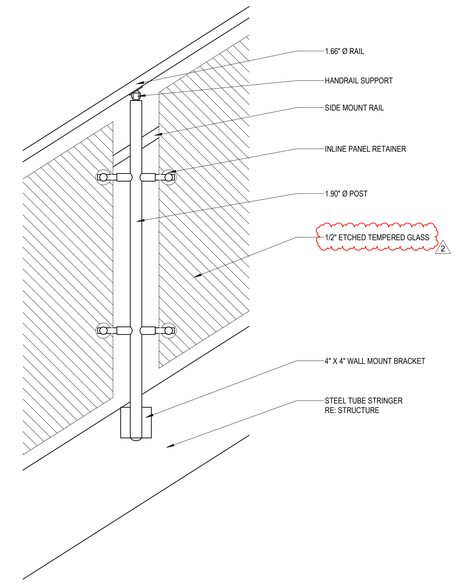
B1 HANDRAIL DETAIL @ POST
1 1/2" = 1'-0"



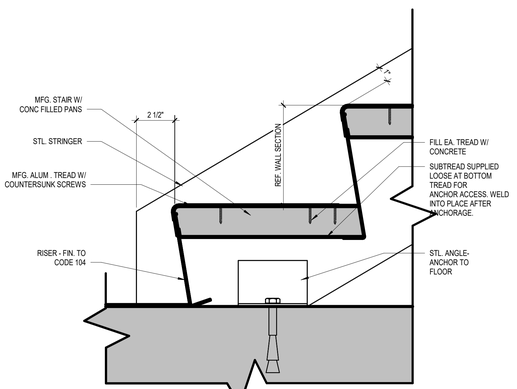
B3 HANDRAIL DETAIL @ STAIR END
1 1/2" = 1'-0"



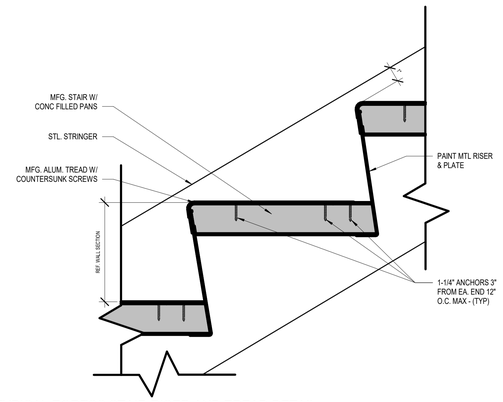
B4 HANDRAIL DETAIL @ STAIR INTERIOR
1 1/2" = 1'-0"



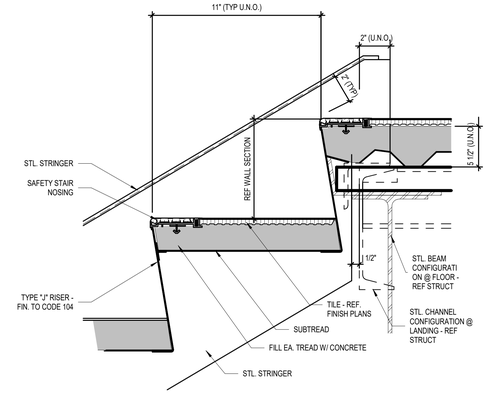
B5 HANDRAIL DETAIL @ STAIR EXTERIOR
1 1/2" = 1'-0"



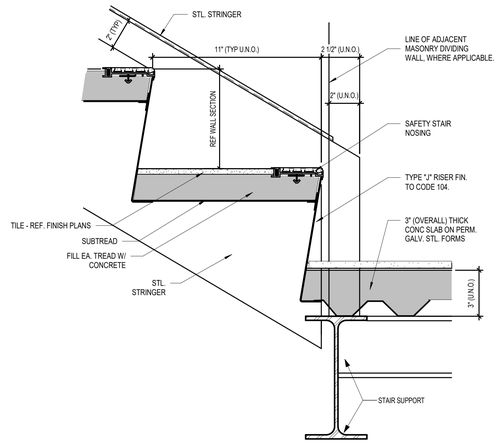
A1 TYPICAL EGRESS STAIR BOTTOM RISER & TREAD DETAIL
3" = 1'-0"



A2 TYPICAL EGRESS STAIR RISER AND TREAD DETAIL
3" = 1'-0"



A3 TYPICAL RISER DOWN @ LANDING
3" = 1'-0"



A4 TYPICAL RISER UP @ LANDING
3" = 1'-0"

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

REV.	DATE	DESCRIPTION
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
JOHN M. MILLER
27116
STATE OF TEXAS
6/02/2025

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

STAIR & RAILING DETAILS

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

PROJECT MANAGER	DESIGNER
FS	AS, SK

JOB NO.
2023159.00

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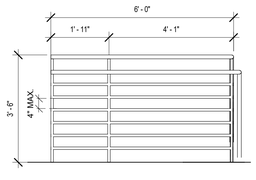
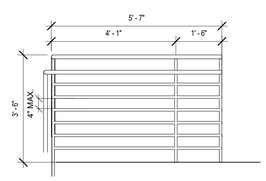
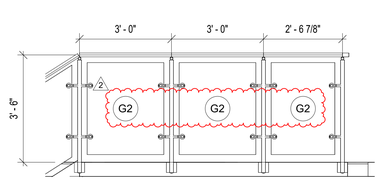


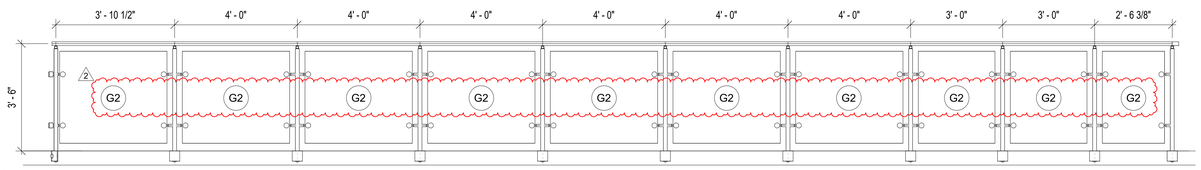
B1 GUARDRAIL ELEVATION @ D200
1/2" = 1'-0"



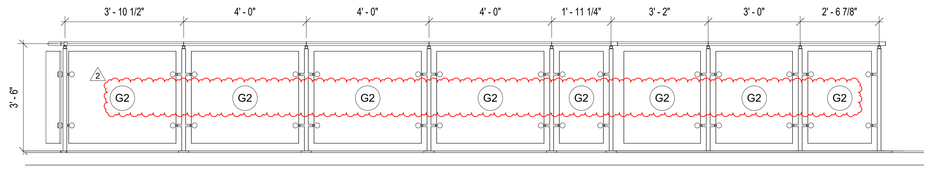
B2 GUARDRAIL ELEVATION @ D266
1/2" = 1'-0"



B3 GUARDRAIL ELEVATION
1/2" = 1'-0"



A1 GUARDRAIL ELEVATION
1/2" = 1'-0"



A4 GUARDRAIL ELEVATION
1/2" = 1'-0"

GPD GROUP
Professional Corporation
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Houston, TX 77056
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MEPT ENGINEERS
Salas O'Brien

REV.	DATE	DESCRIPTION
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REGISTERED ARCHITECT
JOHN M. MILLER
27116
STATE OF TEXAS

6/02/2025

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

HANDRAIL & GUARDRAIL ELEVATIONS

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

PROJECT MANAGER	DESIGNER
FS	AS, SK, AC, JJ

JOB NO.
2023159.00

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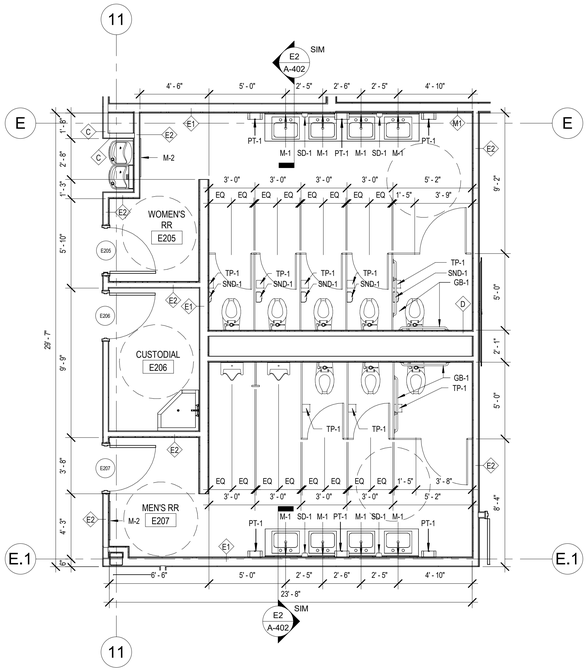
ACCESSORY SCHEDULE

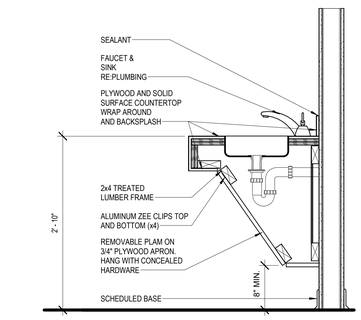
MARK	MODEL #	DESCRIPTION	FURNISHED BY	INSTALLED BY	REMARKS
M-1	B-2908	MIRROR 18"x36"	CONTRACTOR	CONTRACTOR	1, 2
M-2	B-2908	MIRROR 18"x60"	CONTRACTOR	CONTRACTOR	1, 2
SD-1	--	SOAP DISPENSER	OWNER	CONTRACTOR	2, 11
PT-1	--	PAPER TOWEL DISPENSER	OWNER	CONTRACTOR	2, 11, 12
GB-1	B-6808	36" LONG BAR GRAB BACK	CONTRACTOR	CONTRACTOR	1, 2
	B-6808	42" LONG BAR GRAB SIDE	CONTRACTOR	CONTRACTOR	1, 2
MH-1	B-232 X 36	MOP AND BROOM HOLDER	CONTRACTOR	CONTRACTOR	1, 2, 3, 5
SND-1	B-270	SANITARY NAPKIN DISPOSAL	CONTRACTOR	CONTRACTOR	1, 7
CH-1	B-233	COAT HOOKS	CONTRACTOR	CONTRACTOR	1, 2, 8
TP-1	--	TOILET TISSUE DISPENSER FOR TWO ROLLS	OWNER	CONTRACTOR	2
BCS-1	KB-300	BABY CHANGING STATION	CONTRACTOR	CONTRACTOR	1, 2

ACCESSORY SCHEDULE REMARKS:

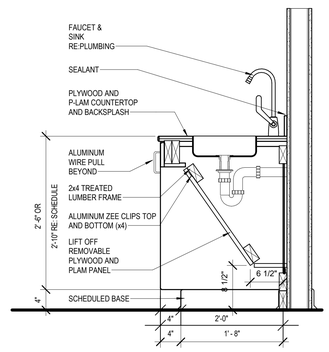
1. MODEL NUMBER REFLECTS ACCESSORIES MANUFACTURED BY BOBRICK WASHROOM EQUIPMENT, INC.
2. REFER TO SHEET A-401 FOR MOUNTING HEIGHTS AND LOCATIONS.
3. MOUNT MOP AND BROOM HOLDER 60" ABOVE FINISH FLOOR.
4. MOUNT FOLDING SHOWER SEAT 17" TO 19" ABOVE FINISH FLOOR.
5. FURNISH AND INSTALL ONE MOP AND BROOM HOLDER IN EACH CUSTODIAL ROOM. RE: FLOOR PLAN.
6. MODEL NO. REFLECTS ACCESSORIES MANUFACTURED BY AMERICAN SPECIFICATIONS, INC.
7. SANITARY NAPKIN DISPOSAL TO BE MOUNTED PER TOILET ACCESSORIES MOUNTING HEIGHTS.
8. MOUNT COAT HOOK 58" A.F.F. TO TOP.
9. NO SUBSTITUTIONS FOR THIS ITEM. BOBRICK MAKE AND MODEL NUMBER IS DISTRICT STANDARD.
11. SOAP DISPENSERS AND PAPER TOWEL DISPENSERS TO BE INSTALLED AT EVERY SINK WHETHER SHOWN OR NOT.
12. MODEL NUMBER REFLECTS ACCESSORY MANUFACTURED BY GEORGIA PACIFIC.



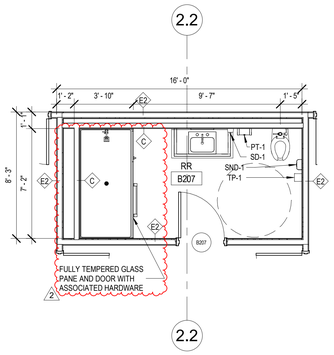
C1 AREA E2 - RESTROOM
1/4" = 1'-0"



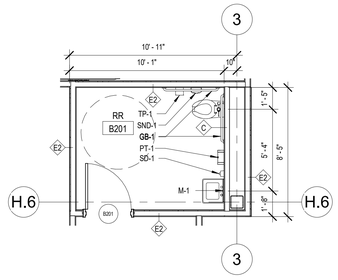
E2 ADA SINK SECTION
1" = 1'-0"



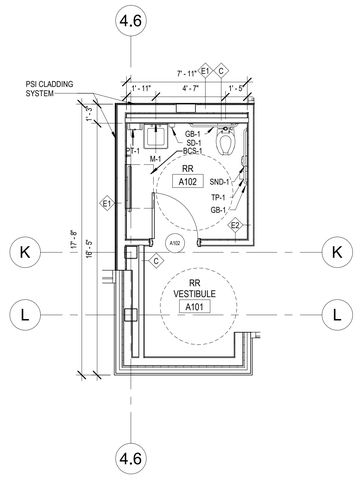
E3 CASEWORK SECTION
1" = 1'-0"



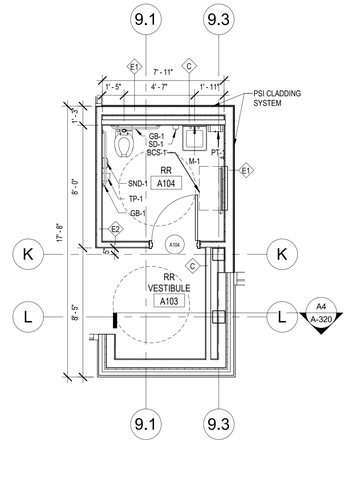
C2 SUPT. RESTROOM
1/4" = 1'-0"



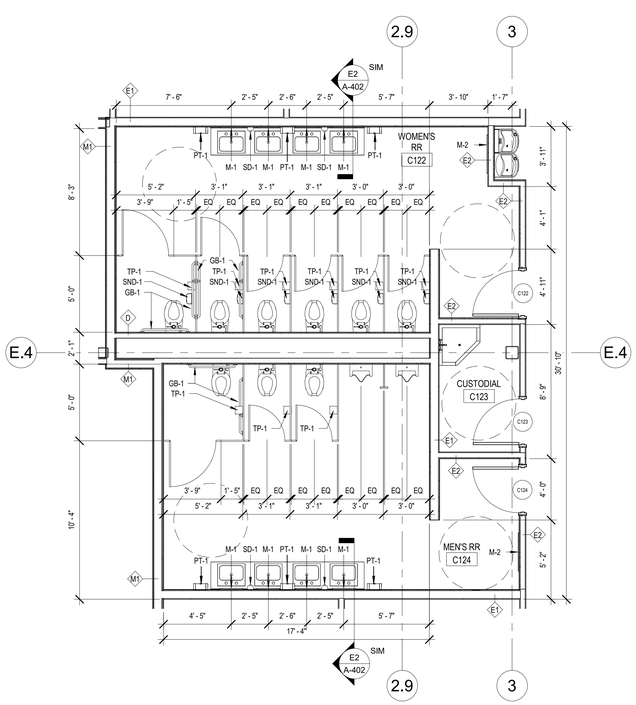
C3 SUPT. OFFICE - RESTROOM
1/4" = 1'-0"



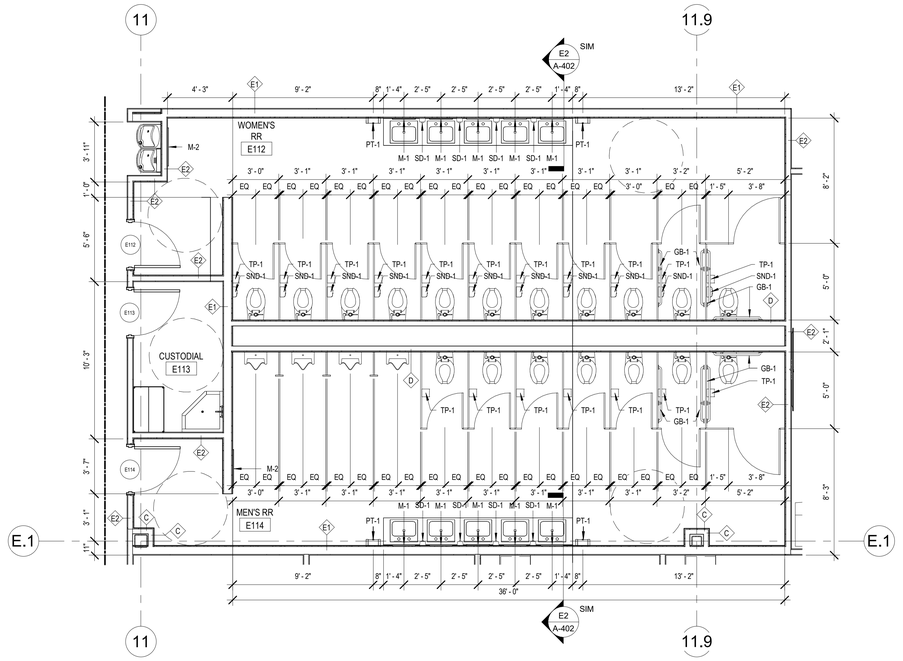
C4 A101 - RESTROOM
1/4" = 1'-0"



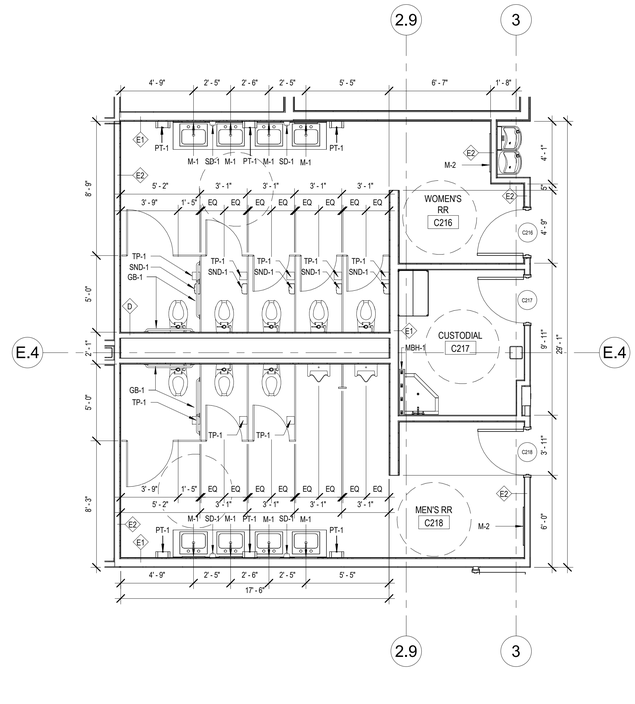
C5 A103 - RESTROOM
1/4" = 1'-0"



A1 AREA C1 - RESTROOM
1/4" = 1'-0"



A2 AREA E1 - RESTROOM
1/4" = 1'-0"



A3 AREA C2 - RESTROOM
1/4" = 1'-0"

GPD GROUP
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MEPT ENGINEERS
Salas O'Brien

REV.	DATE	DESCRIPTION
1	05/30/25	ADDENDUM 1
2		ADDENDUM 2

REGISTERED ARCHITECT — JOSE M. MELENDEZ — 27116 — STATE OF TEXAS

6/02/2025

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

ENLARGED PLANS - RESTROOMS

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

PROJECT MANAGER	DESIGNER
FS	AS, SK, AC

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2023159.00

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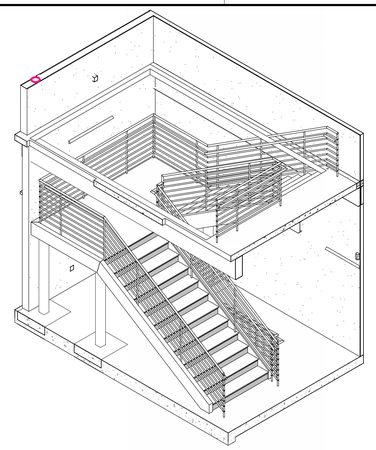
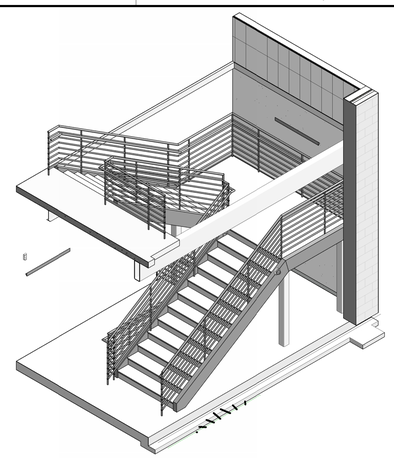
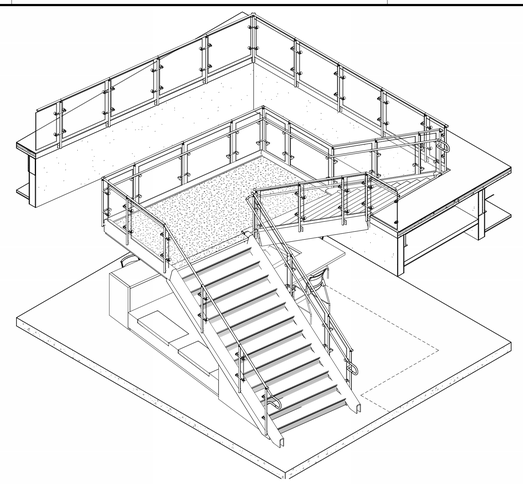


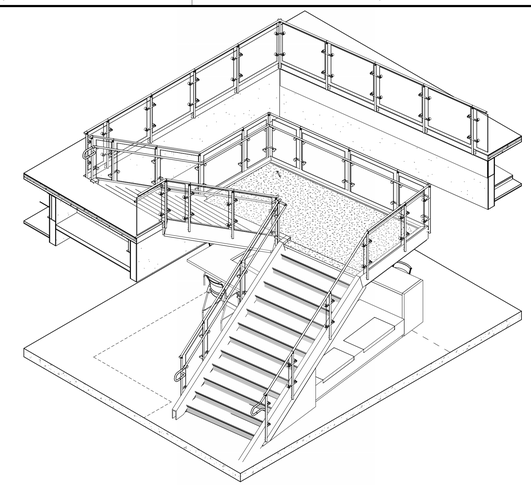
E1 ENLARGED AXONOMETRIC VIEW - STAIRS (D100 & D200)
N.T.S



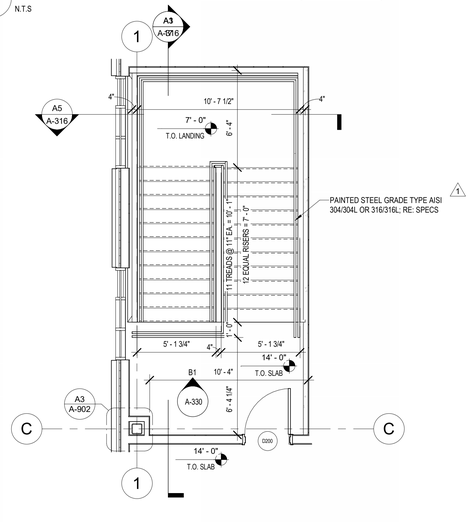
E2 ENLARGED AXONOMETRIC VIEW - STAIRS (D167 & D266)
N.T.S



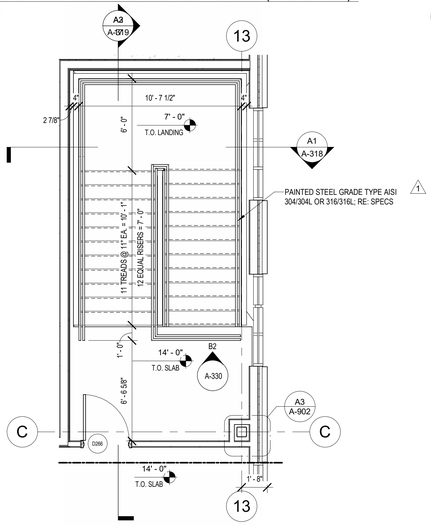
E4 ENLARGED AXONOMETRIC VIEW - STAIRS @ LOBBY
N.T.S



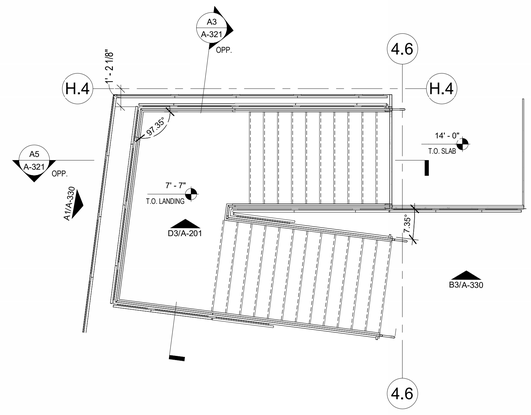
E5 ENLARGED AXONOMETRIC VIEW - STAIRS @ LOBBY
N.T.S



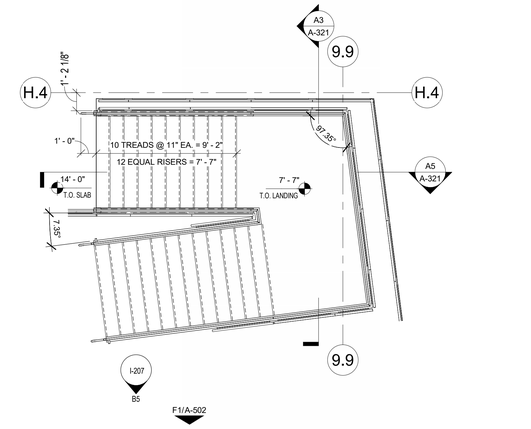
C1 ENLARGED SECOND FLOOR PLAN - STAIR D200
1/4" = 1'-0"



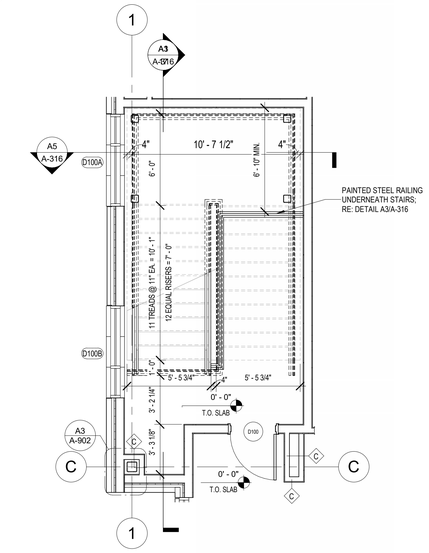
C2 ENLARGED SECOND FLOOR PLAN - STAIR D266
1/4" = 1'-0"



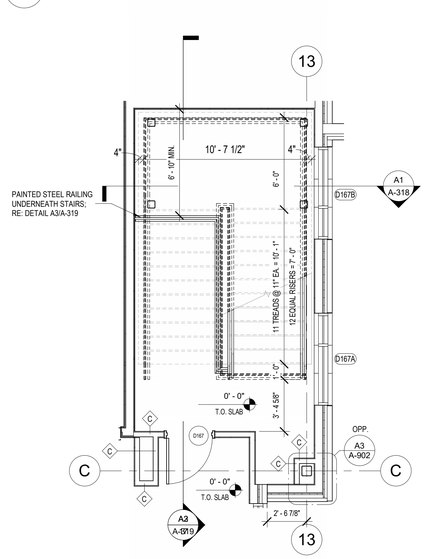
C4 ENLARGED SECOND FLOOR PLAN - STAIR A201
1/4" = 1'-0"



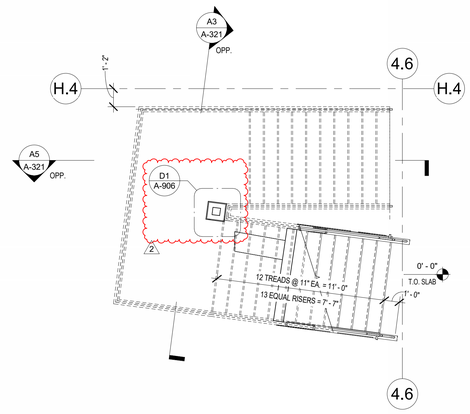
C5 ENLARGED SECOND FLOOR PLAN - STAIR A202
1/4" = 1'-0"



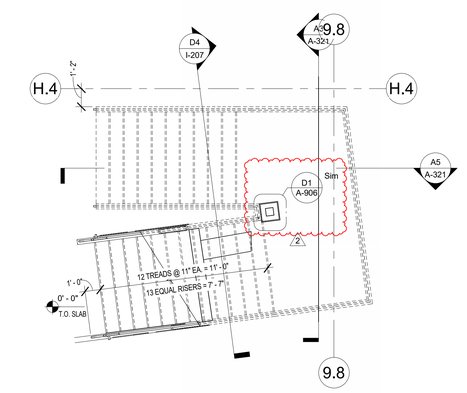
A1 ENLARGED FIRST FLOOR PLAN - STAIR D100
1/4" = 1'-0"



A2 ENLARGED FIRST FLOOR PLAN - STAIR D167
1/4" = 1'-0"



A4 ENLARGED FIRST FLOOR PLAN - STAIR A106
1/4" = 1'-0"



A5 ENLARGED FIRST FLOOR PLAN - STAIR A107
1/4" = 1'-0"

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MEPT ENGINEERS
Salas O'Brien

D | D.2
C | G | E
B | A | F

REV.	DATE	DESCRIPTION
1	05/20/25	ADDENDUM 1
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
STATE OF TEXAS
27116

6/02/2025

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

ENLARGED PLANS - STAIRS

ISSUED: FOR BID	
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RECORD	--/--/----

PROJECT MANAGER	DESIGNER
FS	AS, SK, AC

JOB NO.
2023159.00

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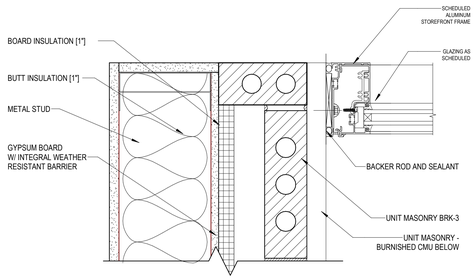
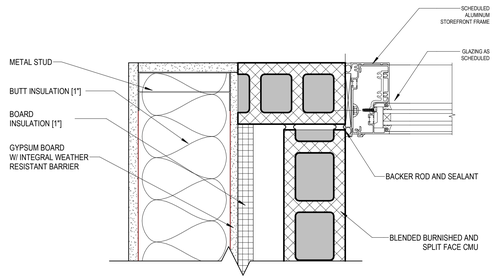
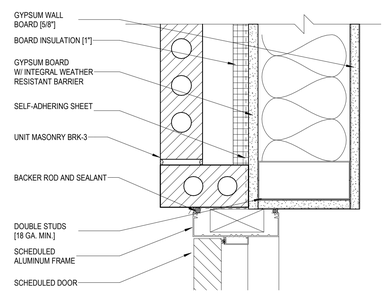


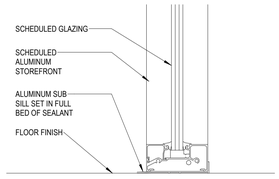
E1 ALUMINUM JAMB DETAIL - HIGH
3" = 1'-0"



E3 ALUMINUM JAMB DETAIL - LOW
3" = 1'-0"



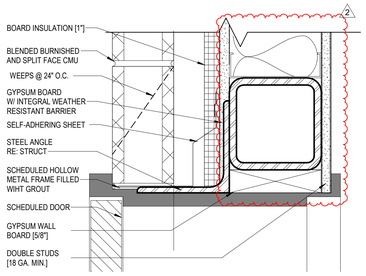
E4 DOOR JAMB @ BRICK
3" = 1'-0"



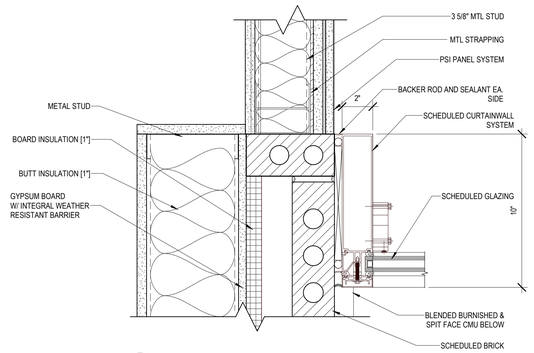
E5 ALUM. INTERIOR WINDOW SILL
3" = 1'-0"

DOOR AND WINDOW GENERAL NOTES

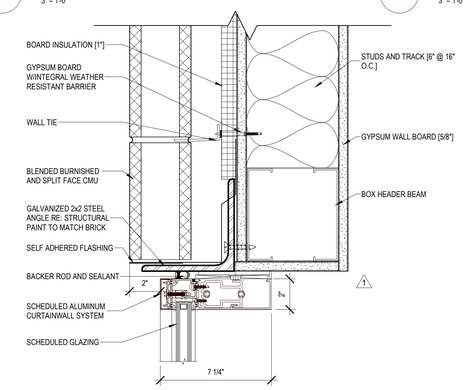
1. REFER TO DOOR SCHEDULES ON FLOOR PLAN SHEETS FOR DETAIL LOCATIONS AND DOOR TYPES, FRAME TYPES, AND FINISH REQUIREMENTS.
2. REFER TO DOOR SCHEDULES AND DIV. 8 SPECIFICATIONS FOR SPECIFIC HARDWARE SETS..
4. REFER TO SHEET A-501 FOR PARTITION TYPES.
5. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, AND TECHNOLOGY PLANS AND SPECIFICATIONS FOR ACCESS CONTROL AND SECURITY REQUIREMENTS.



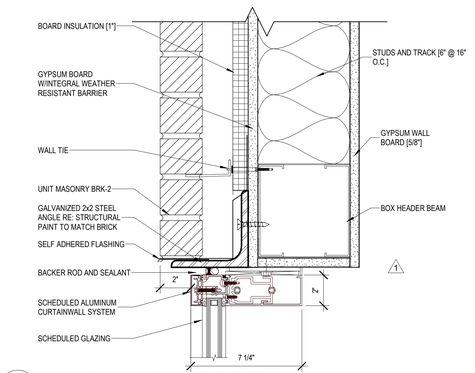
D1 HOLLOW METAL DOOR HEAD @ CMU
3" = 1'-0"



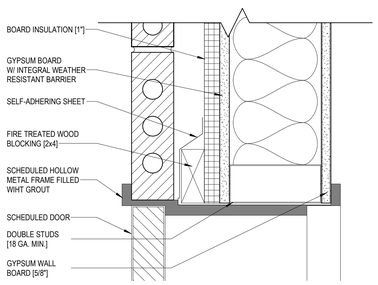
D3 CURTAINWALL WINDOW JAMB - HIGH
3" = 1'-0"



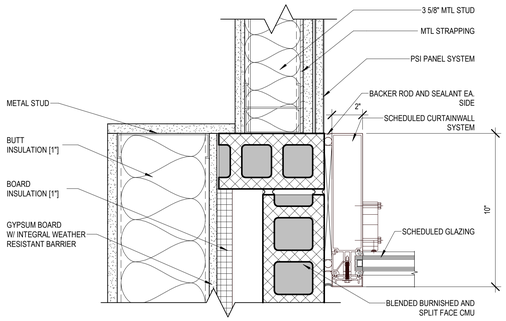
D4 CURTAINWALL WINDOW HEAD @ CMU
3" = 1'-0"



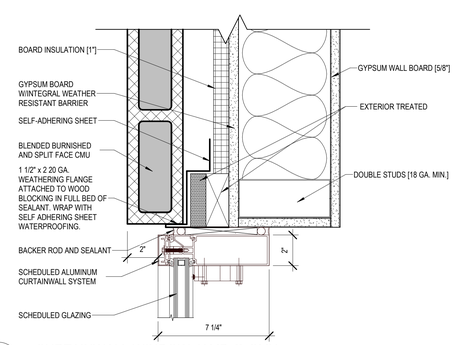
D6 ALUMINUM WINDOW HEAD @ BRICK
3" = 1'-0"



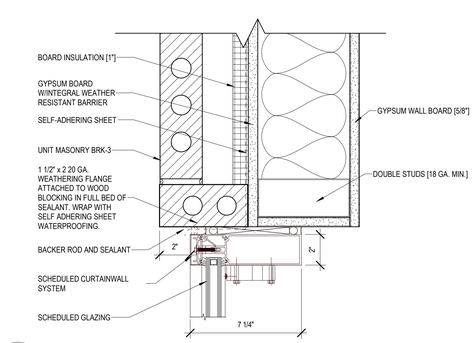
C1 HOLLOW METAL DOOR JAMB @ BRICK
3" = 1'-0"



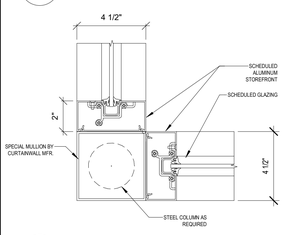
C3 CURTAINWALL WINDOW JAMB - LOW
3" = 1'-0"



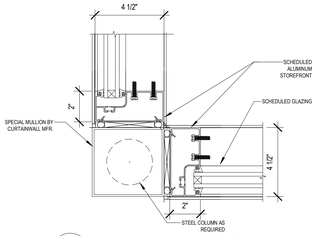
C4 CURTAINWALL WINDOW JAMB @ CMU
3" = 1'-0"



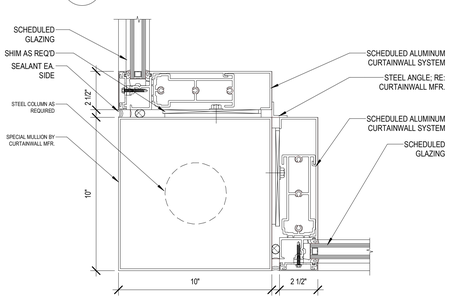
C6 CURTAINWALL WINDOW JAMB @ BRICK
3" = 1'-0"



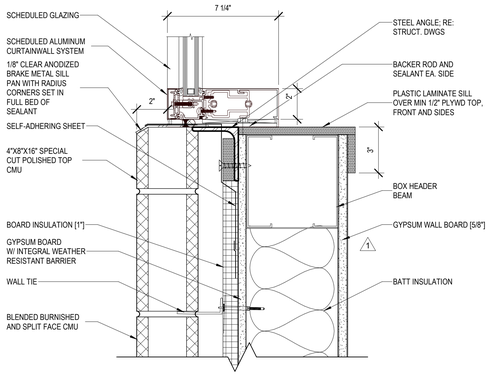
B1 ALUMINUM JAMB DETAIL
3" = 1'-0"



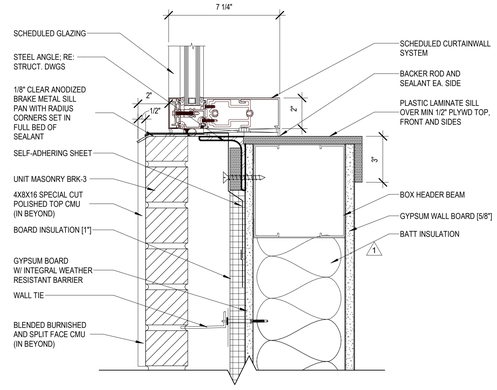
B1.2 ALUMINUM JAMB DETAIL
3" = 1'-0"



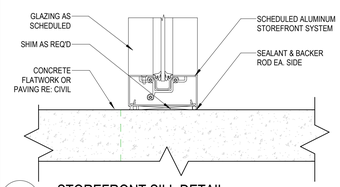
B2 CURTAINWALL JAMB DETAIL
3" = 1'-0"



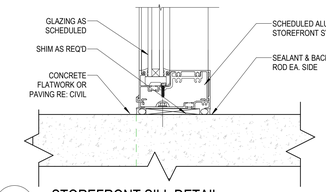
A3 CURTAINWALL WINDOW SILL @ CMU
3" = 1'-0"



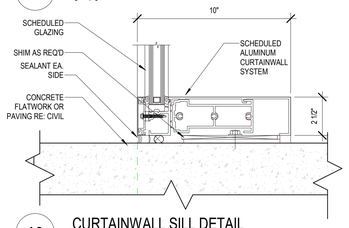
A4 CURTAINWALL WINDOW SILL @ BRICK
3" = 1'-0"



A1 STOREFRONT SILL DETAIL
3" = 1'-0"



A1.2 STOREFRONT SILL DETAIL
3" = 1'-0"



A2 CURTAINWALL SILL DETAIL
3" = 1'-0"

GPD GROUP
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Houston, TX 77056
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MEPT ENGINEERS
Salas O'Brien

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REGISTERED ARCHITECT
CHAD M. MILLER
27116
STATE OF TEXAS
6/02/2025

NEW CANEY ISD ADMINISTRATION BUILDING
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PORTER, TX 77365

DOOR AND WINDOW DETAILS

ISSUED: FOR BID	
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BID	05/08/2025
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RECORD	--/--/----

PROJECT MANAGER	DESIGNER
FS	AS, SK

JOB NO.
2023159.00

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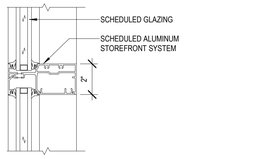
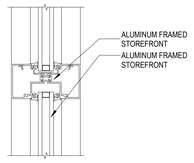


E1 EXTERIOR STOREFRONT MULLION/MUNTIN
3" = 1'-0"



E2 INTERIOR STOREFRONT MULLION/MUNTIN
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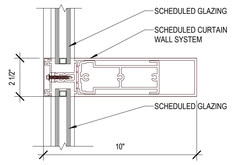
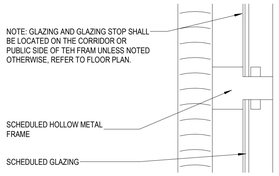
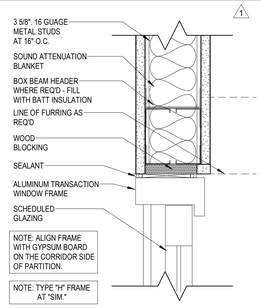


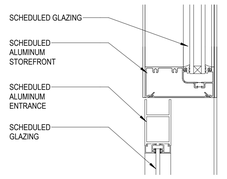
E3 CURTAIN WALL MULLION/MUNTIN
3" = 1'-0"



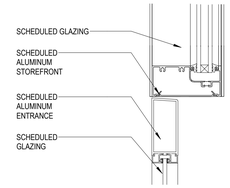
E4 HOLLOW METAL MUNTIN
3" = 1'-0"



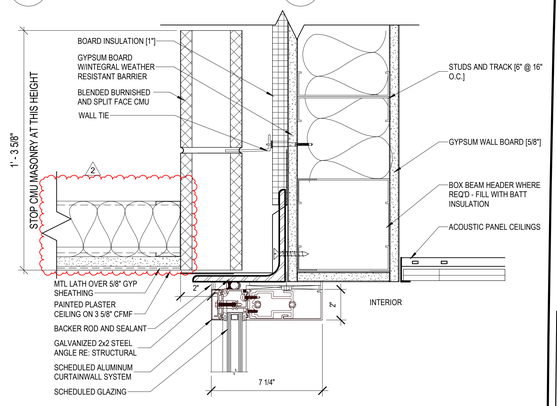
E5 TRANSACTION WINDOW HEAD
3" = 1'-0"



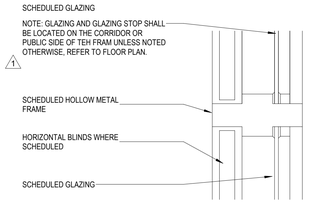
E6.1 ALUM. DOOR HEAD
3" = 1'-0"



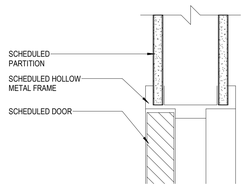
E6.2 ALUM. DOOR JAMB @ GLAZING
3" = 1'-0"



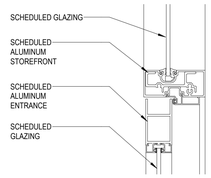
D1 HOLLOW METAL MULLION
3" = 1'-0"



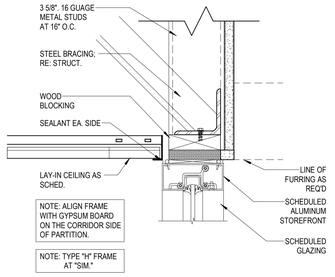
D2 HOLLOW METAL DOOR HEAD DETAIL
3" = 1'-0"



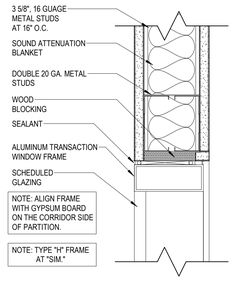
D3 ALUM. DOOR HEAD
3" = 1'-0"



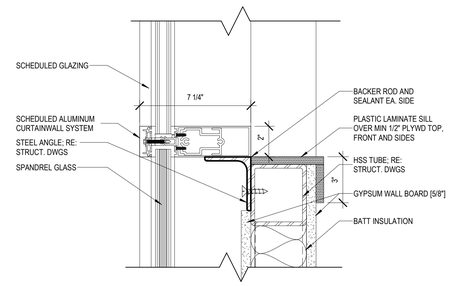
D4 ALUMINUM WINDOW HEAD @ CEILING
3" = 1'-0"



D5 TRANSACTION WINDOW JAMB
3" = 1'-0"



D6 CURTAINWALL WINDOW HEAD @ CEILING/SOFFIT
3" = 1'-0"



C1 HOLLOW METAL DOOR HEAD AT CMU
3" = 1'-0"

C2 HOLLOW METAL WINDOW JAMB
3" = 1'-0"

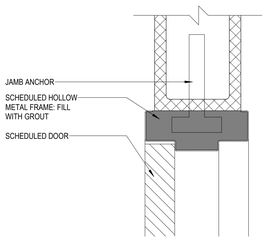
C3 ALUM. DOOR JAMB @ GLAZING
3" = 1'-0"

C4 ALUMINUM WINDOW HEAD
3" = 1'-0"

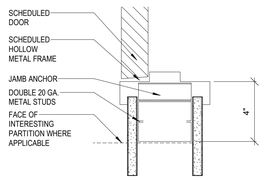
C5 TRANSACTION WINDOW SILL
3" = 1'-0"

C6 SPANDREL HEAD DETAIL @ INTERMEDIATE MULLION
3" = 1'-0"

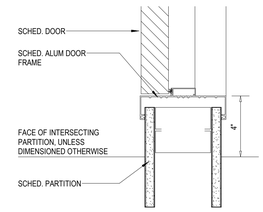
B1 HOLLOW METAL DOOR JAMB AT CMU
3" = 1'-0"



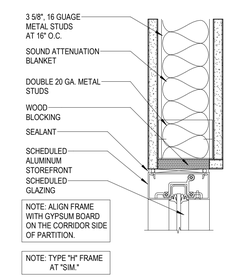
B2 HOLLOW METAL DOOR JAMB
3" = 1'-0"



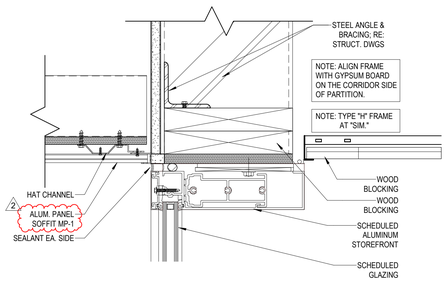
B3 ALUM. DOOR JAMB
3" = 1'-0"



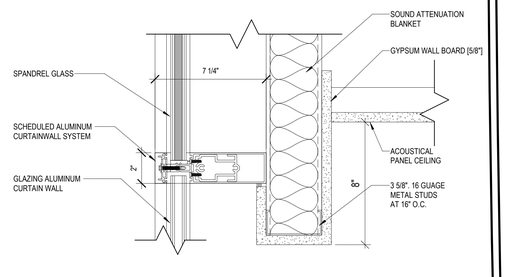
B4 ALUMINUM WINDOW JAMB
3" = 1'-0"



B5 CURTAINWALL HEAD @ CEILING
3" = 1'-0"



B6 SPANDREL SILL DETAIL @ INTERMEDIATE MULLION
3" = 1'-0"



A1 HOLLOW METAL DOOR SILL A
3" = 1'-0"

A2 HOLLOW METAL DOOR SILL B
3" = 1'-0"

A3 ALUMINUM DOOR SILL
3" = 1'-0"

A4 ALUMINUM WINDOW SILL
3" = 1'-0"

A5 OPERABLE PARTITION SILL DETAIL
1/4" = 1'-0"

A6 CURTAINWALL DOOR SILL
3" = 1'-0"

GPD GROUP
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2121 Sage Road, Suite 240
Houston, TX 77056
713.622.1448 Fax: 713.622.1455

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Landscaping:
Mary L. Goldsby Associates

Structural Engineers:
Dally + Associates, Inc.

MEPT ENGINEERS
Salas O'Brien

REV.	DATE	DESCRIPTION
1	05/20/25	ADDENDUM 1
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
JOHN M. MCCLAIN
27116
STATE OF TEXAS

6/02/2025

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

DOOR AND WINDOW DETAILS

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PROJECT MANAGER	DESIGNER
FS	AS, SK

JOB NO.
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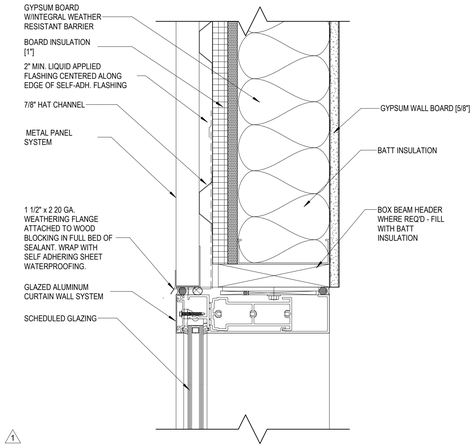
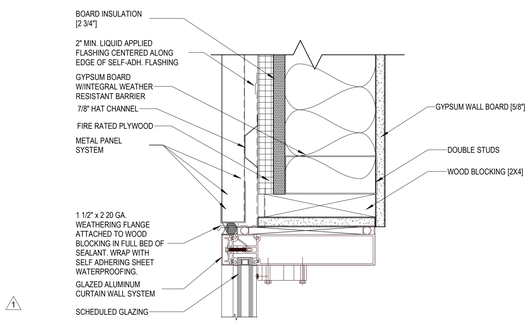
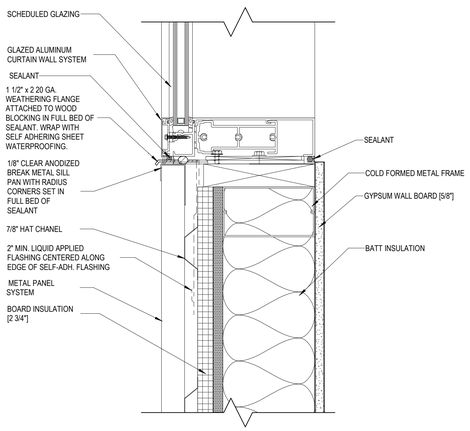


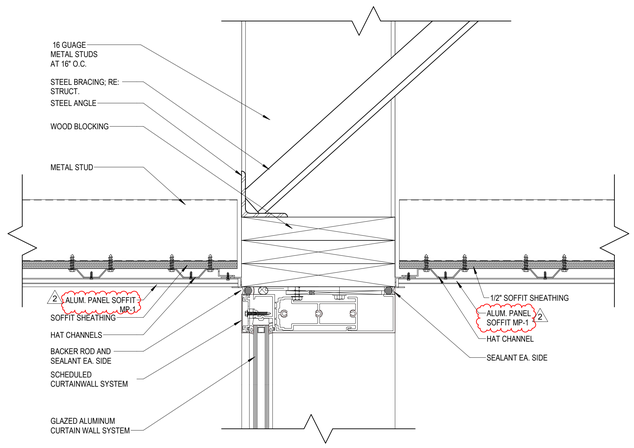
D1 ALUMINUM WINDOW HEAD @ MTL PANEL
3" = 1'-0"



C1 ALUMINUM WINDOW JAMB @ MTL PANEL
3" = 1'-0"

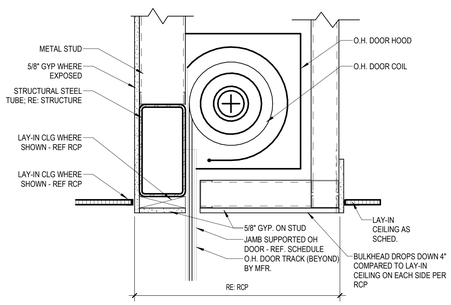


A1 ALUMINUM WINDOW SILL MTL PANEL
3" = 1'-0"

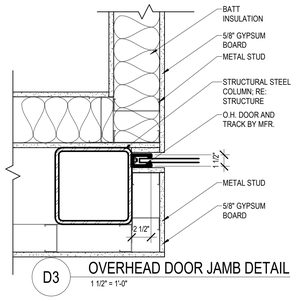


A2 ALUMINUM WINDOW HEAD @ MTL PANEL SOFFIT
3" = 1'-0"

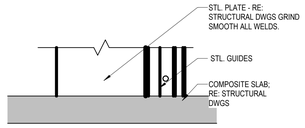
2



E3 OVERHEAD DOOR HEAD DETAIL
1 1/2" = 1'-0"



D3 OVERHEAD DOOR JAMB DETAIL
1 1/2" = 1'-0"



C3 OVERHEAD DOOR SILL DETAIL
1 1/2" = 1'-0"

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FS	AS, SK

JOB NO.
2023159.00

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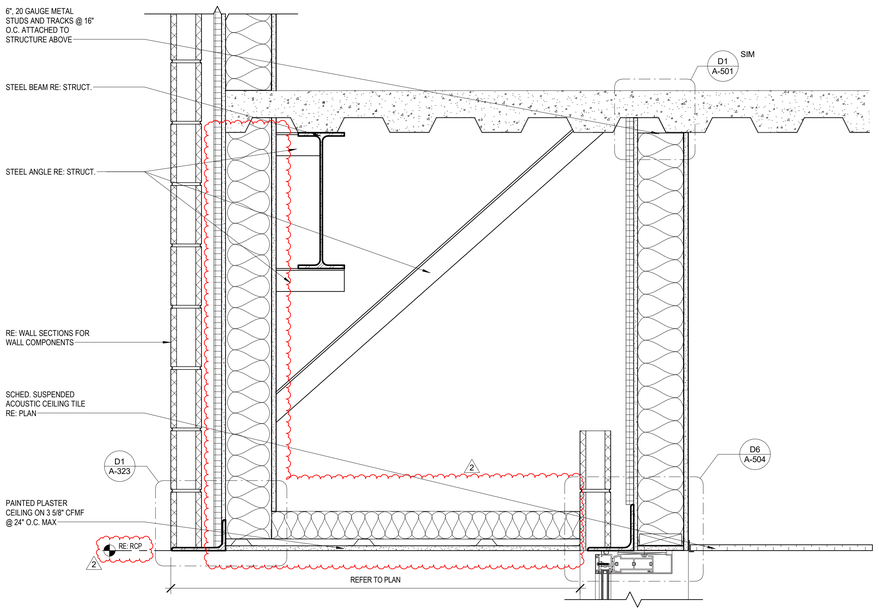
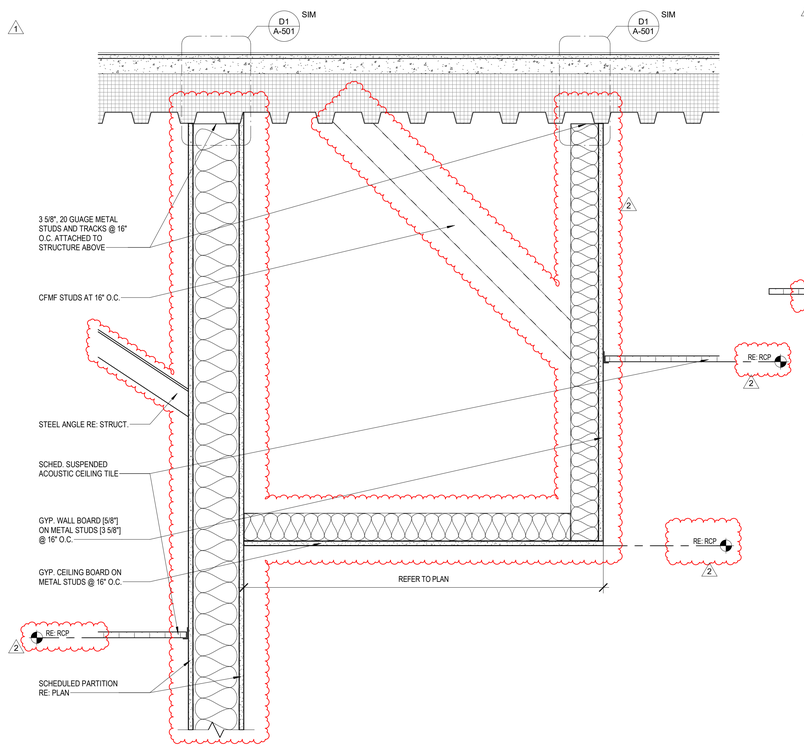


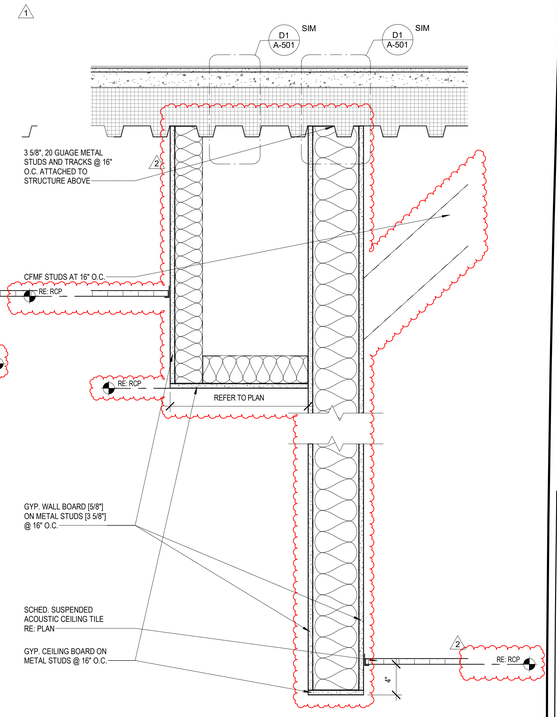
D1 TYPICAL FURRING DETAIL

1 1/2" = 1'-0"



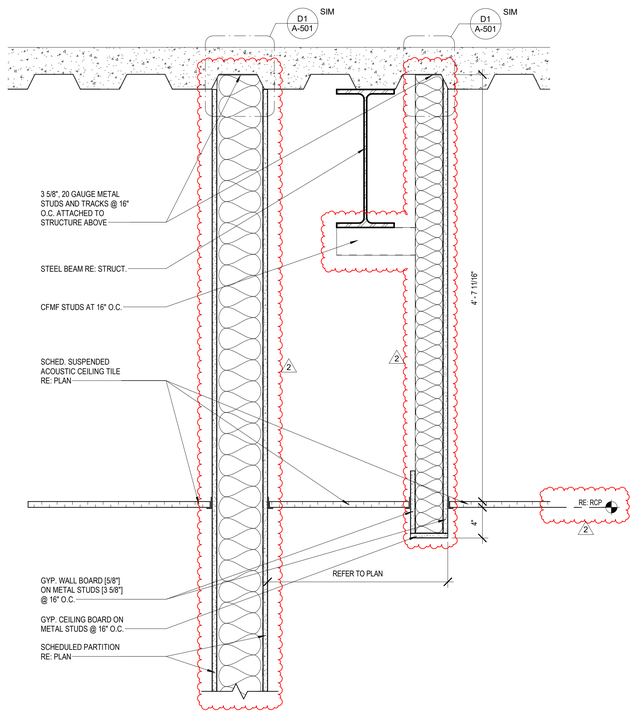
D2 TYPICAL FURRING DETAIL

1 1/2" = 1'-0"



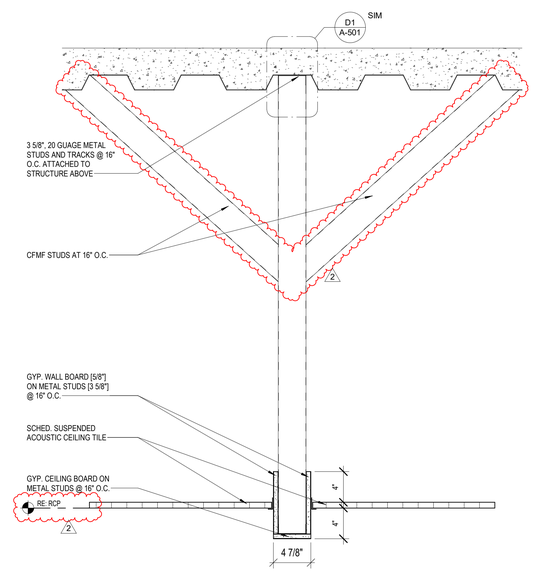
D3 CORRIDOR A200B

1 1/2" = 1'-0"



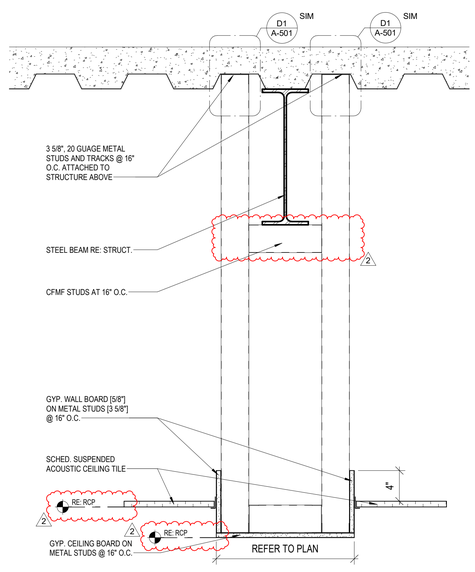
A1 TYPICAL FURRING DETAIL

1 1/2" = 1'-0"



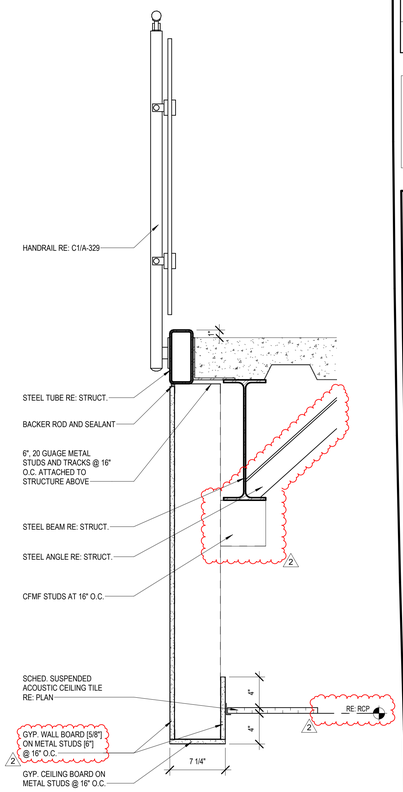
A2 TYPICAL FURRING DETAIL

1 1/2" = 1'-0"



A3 TYPICAL FURRING DETAIL

1 1/2" = 1'-0"



A4 LOBBY A105A, A105C FURRING DETAIL

1 1/2" = 1'-0"

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

REV.	DATE	DESCRIPTION
1	05/20/25	ADDENDUM 1
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
JOE M. SALAS
STATE OF TEXAS
11116

6/02/2025

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

REFLECTED CEILING PLAN DETAILS

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

PROJECT MANAGER	DESIGNER
FS	AS, SK, AC, JJ

JOB NO.
2023159.00

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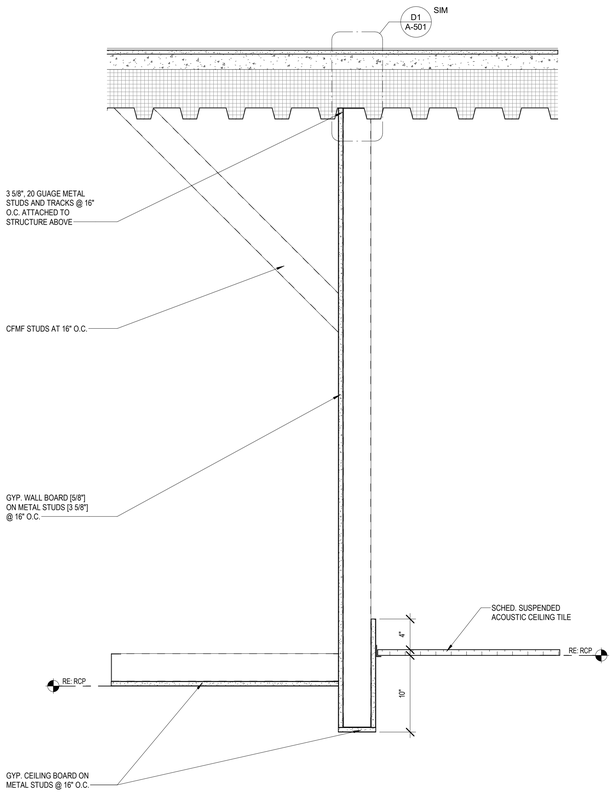
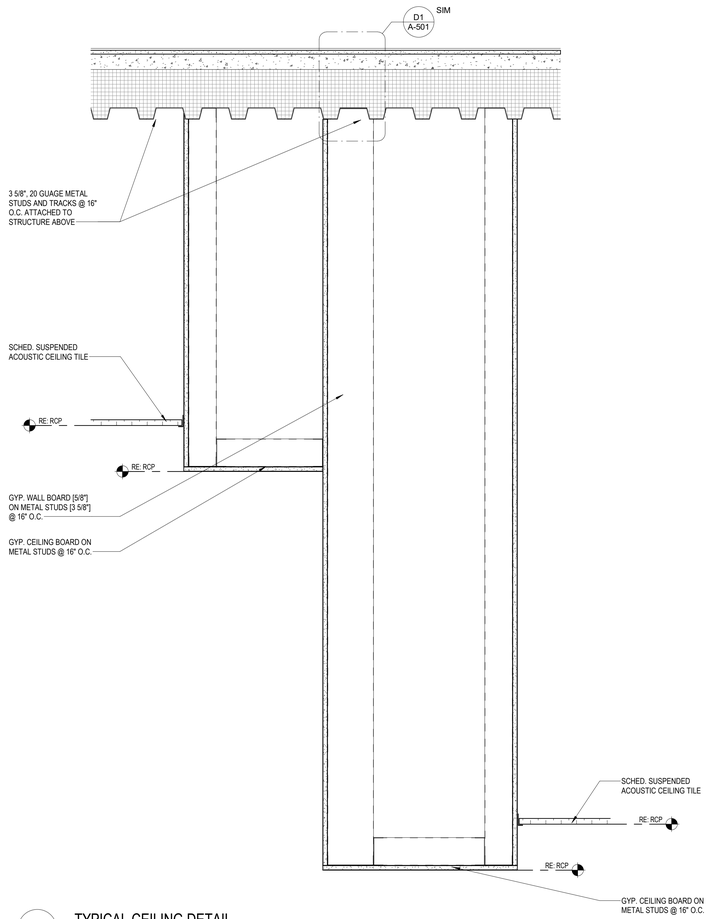


A1 TYPICAL CEILING DETAIL
1 1/2" = 1'-0"



A3 TYPICAL CEILING DETAIL
1 1/2" = 1'-0"

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Professional Corporation
2121 Sage Road, Suite 240
Houston, TX 77056
713.622.1448 Fax:713.622.1455

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Structural Engineers:
Dally + Associates, Inc.

MEPT ENGINEERS
Salas O'Brien

REV.	DATE	DESCRIPTION
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
JOHN M. MILLER
27116
STATE OF TEXAS

6/02/2025

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

REFLECTED CEILING PLAN DETAILS

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

PROJECT MANAGER	DESIGNER
FS	AS, SK, AC, JJ

JOB NO.
2023159.00

2

A-508

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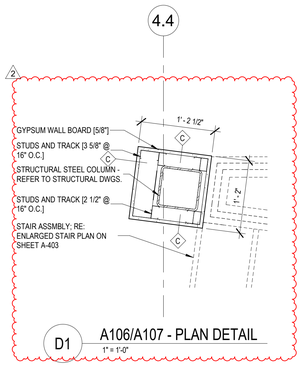
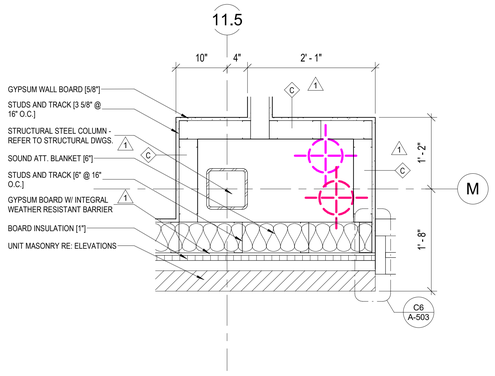
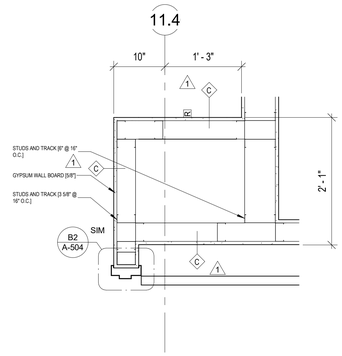
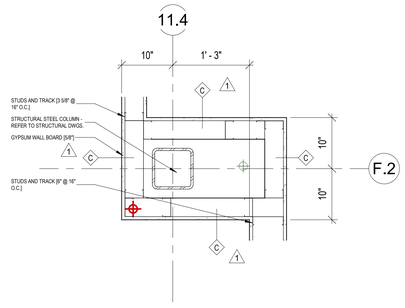




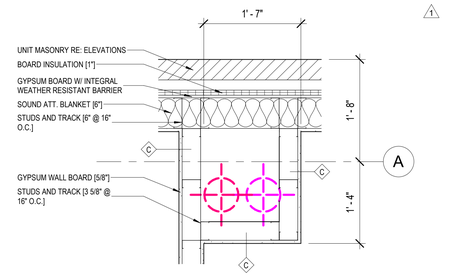
C1 F223 - PLAN DETAIL
1" = 1'-0"



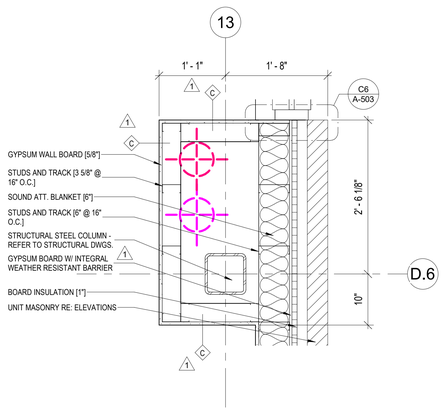
C3 F233 - PLAN DETAIL A
1" = 1'-0"



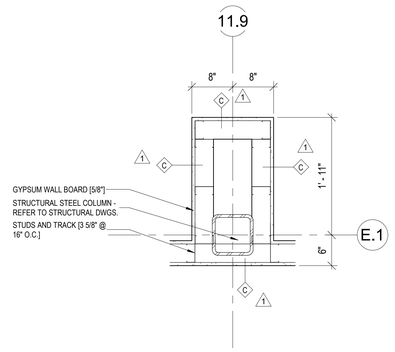
C4 F233 - PLAN DETAIL B
1" = 1'-0"



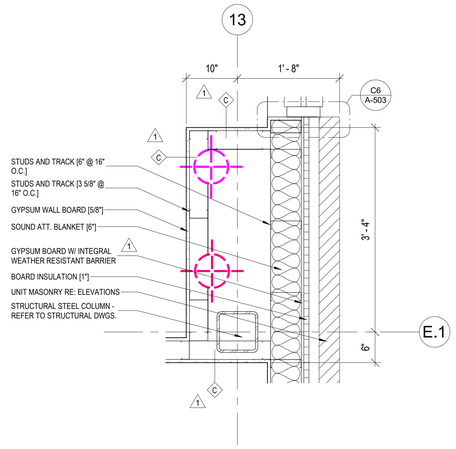
C6 D207 / D215 - PLAN DETAIL
1" = 1'-0"



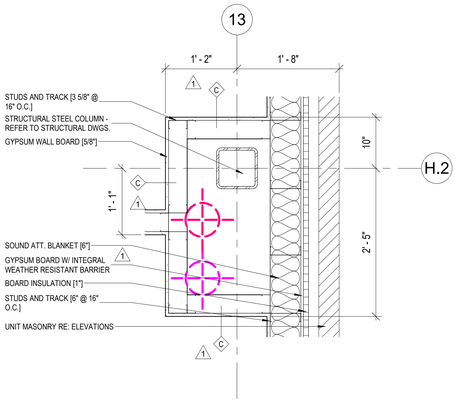
A1 E200 - PLAN DETAIL
1" = 1'-0"



A3 E208 - PLAN DETAIL A
1" = 1'-0"



A4 E208 - PLAN DETAIL B
1" = 1'-0"



A6 F213 - PLAN DETAIL
1" = 1'-0"

GPD GROUP
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Mary L. Goldsby Associates

Structural Engineers:
Dally + Associates, Inc.

MEPT ENGINEERS
Salas O'Brien

REV.	DATE	DESCRIPTION
1	05/20/25	ADDENDUM 1
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
JOSH M. MILLER
27116
STATE OF TEXAS
6/02/2025

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

PLAN DETAILS - SECOND FLOOR

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

PROJECT MANAGER	DESIGNER
	Designer

JOB NO.
2023159.00

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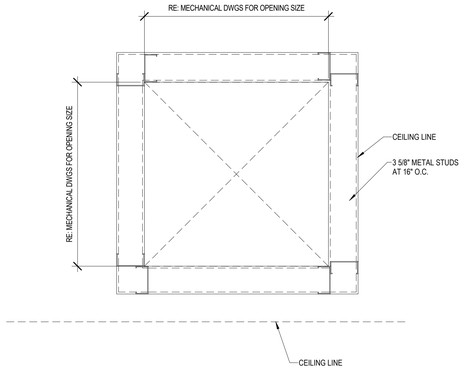
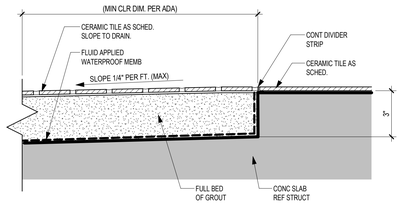
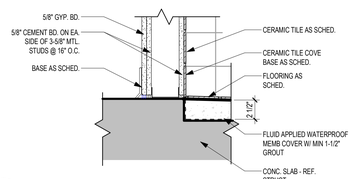


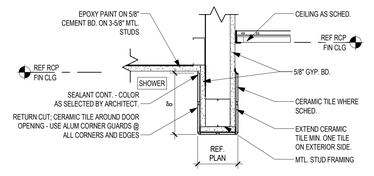
B1 TYPICAL ABOVE CEILING PENETRATION DETAIL
1 1/2" = 1'-0"



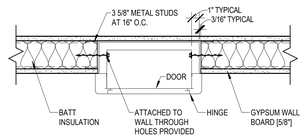
B2 DETAIL @ SHOWER OPENING- HC ACCESS
3" = 1'-0"



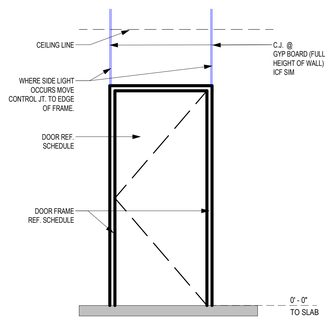
B3 WALL DETAIL @ H.C. SHOWER
1 1/2" = 1'-0"



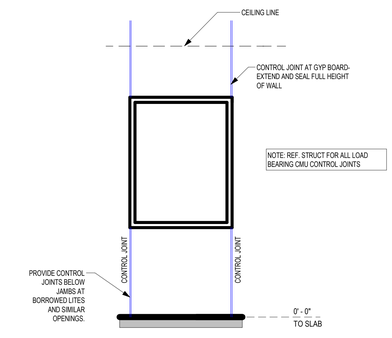
B4 DETAIL @ SHOWER OPENING
1 1/2" = 1'-0"



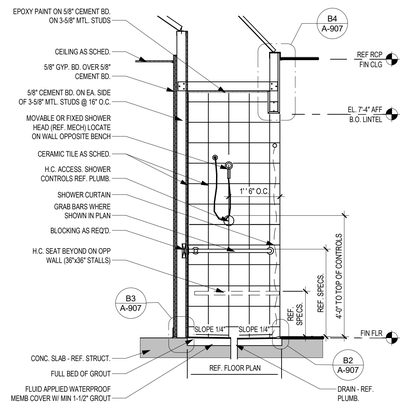
A1 TYPICAL ROLLED EDGE SEMI RECESSED FEC DETAIL
1 1/2" = 1'-0"



A2 TYP CONTROL JOINT @ DOOR FRAME - DRY WALL
1/2" = 1'-0"



A3 TYP CONTROL JOINT @ WINDOW FRAME - DRYWALL
1/2" = 1'-0"



A4 SHOWER @ ROOM B207
1/2" = 1'-0"

GPD GROUP
Professional Corporation
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Houston, TX 77056
713.622.1448 Fax:713.622.1455

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Structural Engineers:
Dally + Associates, Inc.

MEPT ENGINEERS
Salas O'Brien

REV.	DATE	DESCRIPTION
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT — STATE OF TEXAS — 27116

6/02/2025

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

TYPICAL DETAILS

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

PROJECT MANAGER	DESIGNER
	Designer

JOB NO.
2023159.00

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MASTER ROOM FINISH LEGEND

REMARKS - ROOM FINISH SCHEDULE

1. CAULK BETWEEN GYPSUM BOARD AND SEALED FLOOR
2. CERAMIC TILE UP TO 4'-6" A.F.F.
3. CERAMIC TILE UP TO 7'-2" A.F.F.
4. PAINT GYP. P3-C RE:ELEVATIONS (TRAINING ROOM)
5. VIDEO PRODUCTION TO HAVE ALL BLACK FINISHES

PAINT LEGEND

PX-X
P= PAINT (X= COLOR) - (X=TYPE)

PAINT TYPES

A. INTERIOR LATEX SEMI GLOSS
B. INTERIOR INDUSTRIAL ACRYLIC COATING
C. INTERIOR LATEX FLAT ENAMEL
D. WATER BASED CATALYZED EPOXY
E. WATERBORNE ACRYLIC DRYFALL
F. GALVANIZED METAL TOUCH UP
G. TRAFFIC MARKING PAINT

SOLID SURFACE

SS-1 WHITEWATER 9198EA (WILSONART)

SEE RECEPTION DESK, LOBBY BAR SEATING, ALL RESTROOMS, B206, & B207

INTERIOR FINISH TYPES

TILING KEY LEGEND

CT-XX
CERAMIC TILE - (X= COLOR) (X=SIZE)
GT = GLASS TILE

TILE SIZES: A = 12X24 D = 6X12
B = 2X10 E = RANDOM LINEAR
C = 1X4

PAINT COLORS

P1-A NATURAL LINEN SW9109 (FIELD)
P2-A MUSHROOM SW9587 (FIELD OFFICE)
P3-A ELLIE GRAY SW7650 (ACCENT)
P4-A BALANCED BEIGE SW7037 (ACCENT)
P5-A BLACK AS NIGHT SW6993 (VIDEO PRODUCTION)
P1-C EXTRA WHITE SW7006
P2-C BLACK AS NIGHT SW6993
P3-C NATURAL LINEN SW9109 (FIELD CEILING)
P4-C MUSHROOM SW9587 (ACCENT FURRDOWNS)
P5-C ELLIE GRAY SW7650 (ACCENT FURRDOWNS)

FLOORING LEGEND

CFS-X CONCRETE TYPES
CPT-X CARPET
CT-XX CERAMIC TILE FLOORING
LVT-X LUXURY VINYL TILE

FLOORING

CFS-1 CONCRETE FLOOR SEALER
CPT-1 LANDING ZONE 42808 (FIELD)
CPT-2 SPACE X 42810 (OFFICE)
CPT-3 CHARCOAL 19100 (WALKOFF)
CT-5A 12X24 HAUTE MONDE ARISTOCRAT CREAM (FIELD)
CT-6D 6X12 ASTRONOMY ORION AT71
CT-7D 6X12 SOLTICE AT72
CT-8E ENLITE CLARITY EL60
CT-9E ENLITE ILLUMINATE EL62
LVT-1 EVENT STONE BOARDWALK 11201 (FIELD)
LVT-2 2122 OAK GROVE
LVT-3 SOUNDSCAPE 4063V INK (VIDEO PRODUCTION)
LVT-4 PORTLAND CP-236 (STAIRS)

WALL BASE

RB-1 29 MOON ROCK WG - JOHNSONITE BY TARKETT
RES-1 COVE BASE @ RESTROOMS/ VESTIBULES

WALLS

FRP FIBERGLASS RESIN PANEL
GYP GYPSUM BOARD OR TILE BACKER BOARD
PLY PLYWOOD
PLAM PLASTIC LAMINATE
PX-X PAINT (COLOR) (TYPE)
ALSF ALUMINUM STOREFRONT OR CURTAIN WALL
ICCMU INTERGRALLY COLORED CMU

CEILING TYPES

ACP-1 STANDARD ACOUSTIC CEILING TILE (WHITE)
MP-1 WOOD METAL PANEL CEILING
AP-1 TECTUM CEILING PANELS (BLACK) @ VIDEO PRODUCTION

PLASTIC LAMINATE (PLAM)

PL-1 8842-WR WEATHERED ASH (FORMICA)
PL-2 NATURAL COTTON 4946-38 (WILSONART)
PL-3 CANYON ZEPHYR 4842-60 (WILSONART) @ LOBBY
PL-4 SLATE GREY D91-60 (WILSONART) @ RECEPTION
PL-5 BLACK 1595-60 (WILSONART) @ VIDEO PRODUCTION

GLAZING TYPES

G1- 1/4" CLEAR TEMPERED FLOAT
G1A- 1/4" FROSTED TEMPERED FLOAT

WALL TILES

CT-1A 12X24 DUNE STREAM RC11
CT-2A 12X24 DUNE PLATEAU RC11
CT-3A 12X24 INDOTERRA NATURAL IN42
CT-4A 12X24 INDOTERRA RIVERBED IN43
CT-5B 2X10 ZEN RD23
GT-1C 1X4 RAINWATER CW42

SPECIALTY STONE TILE -
AS-1 STACKED CREAM LIMESTONE

WALL COVERINGS/ PROTECTION

WP - 1 COASTAL GRASS - MUSEUM PIECE
WP - 2 FINE SILVER @ OPERABLE PARTITIONS

CG - 1 SPARROW WALL PROTECTION
TC161 SPARROW TOP CAP

ACCOUSTICAL WALL PANELS

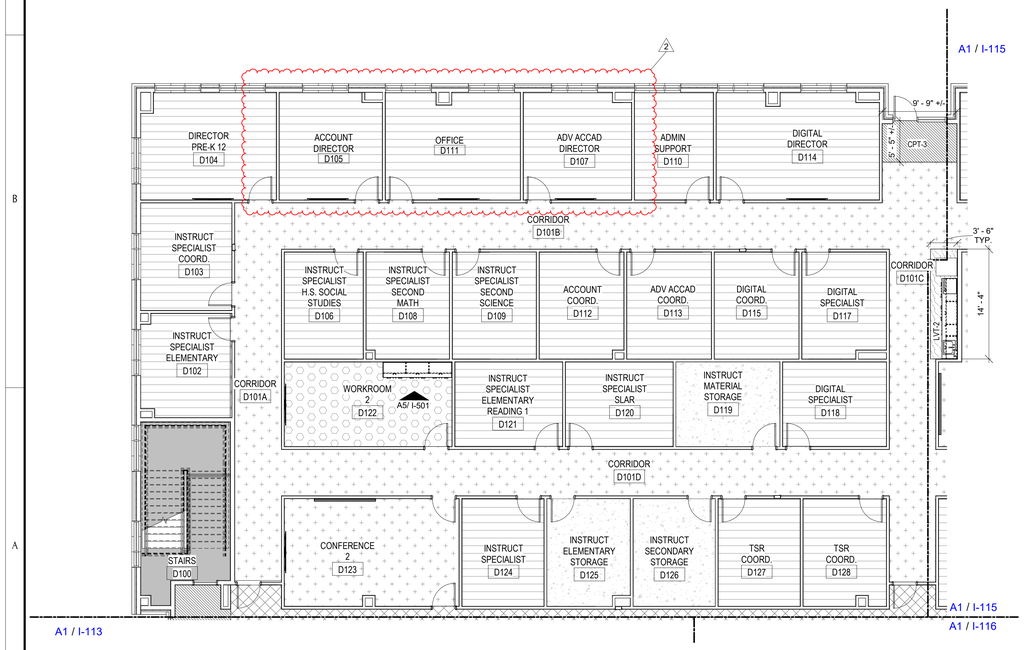
AWP-1 GAMUT - CHALK 3468-101
AWP-2 REPPWEAVE - TAUPE 3747-104
AWP-3 TWEEDY TWILL - OVERCASE 3064-801

PLEASE NOTE: ALL CARPET TO CARPET FLOORING IN OFFICES SHALL HAVE TRANSITION SEAM INSIDE OFFICE AND NOT VISIBLE FROM CORRIDOR.

ROOM FINISH SCHEDULE AREA D1

NUMBER	NAME	FLOOR	BASE	NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING		REMARKS
				MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	
D100	STAIRS	LVT-4	RB-1	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	ACP-1	ACP-1	REFER TO MANUFACTURER
D101A	CORRIDOR	CPT-1	RB-1	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	ACP-1	ACP-1	
D101B	CORRIDOR	CPT-1	RB-1	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	ACP-1	ACP-1	
D101C	CORRIDOR	CPT-1/LVT-2	RB-1	GYP.	P1-A	GYP.	P4-A	GYP.	P1-A	GYP.	P1-A	ACP-1	ACP-1	
D101D	CORRIDOR	CPT-1	RB-1	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	ACP-1	ACP-1	
D102	INSTRUCT SPECIALIST ELEMENTARY	CPT-2	RB-1	GYP.	P2-A	GYP.	P2-A	GYP.	P2-A	GYP.	P3-A	ACP-1	ACP-1	
D103	INSTRUCT SPECIALIST COORD.	CPT-2	RB-1	GYP.	P2-A	GYP.	P2-A	GYP.	P2-A	GYP.	P3-A	ACP-1	ACP-1	
D104	DIRECTOR PRE-K 12	CPT-2	RB-1	GYP.	P3-A	GYP.	P2-A	GYP.	P2-A	GYP.	P3-A	ACP-1	ACP-1	
D105	ACCOUNT DIRECTOR	CPT-2	RB-1	GYP.	P3-A	GYP.	P2-A	GYP.	P2-A	GYP.	P3-A	ACP-1	ACP-1	
D106	INSTRUCT SPECIALIST H.S. SOCIAL STUDIES	CPT-2	RB-1	GYP.	P2-A	GYP.	P2-A	GYP.	P3-A	GYP.	P2-A	ACP-1	ACP-1	
D107	ADV ACCAD DIRECTOR	CPT-2	RB-1	GYP.	P3-A	GYP.	P2-A	GYP.	P2-A	GYP.	P2-A	ACP-1	ACP-1	
D108	INSTRUCT SPECIALIST SECOND MATH	CPT-2	RB-1	GYP.	P2-A	GYP.	P2-A	GYP.	P3-A	GYP.	P2-A	ACP-1	ACP-1	
D109	INSTRUCT SPECIALIST SECOND SCIENCE	CPT-2	RB-1	GYP.	P2-A	GYP.	P2-A	GYP.	P3-A	GYP.	P2-A	ACP-1	ACP-1	
D110	ADMIN SUPPORT	CPT-2	RB-1	GYP.	P3-A	GYP.	P2-A	GYP.	P2-A	GYP.	P2-A	ACP-1	ACP-1	
D111	OFFICE	CPT-2	RB-1	GYP.	P3-A	GYP.	P2-A	GYP.	P2-A	GYP.	P2-A	ACP-1	ACP-1	
D112	ACCOUNT COORD.	CPT-2	RB-1	GYP.	P2-A	GYP.	P2-A	GYP.	P3-A	GYP.	P2-A	ACP-1	ACP-1	
D113	ADV ACCAD COORD.	CPT-2	RB-1	GYP.	P2-A	GYP.	P2-A	GYP.	P3-A	GYP.	P2-A	ACP-1	ACP-1	
D114	DIGITAL DIRECTOR	CPT-2	RB-1	GYP.	P3-A	GYP.	P2-A	GYP.	P2-A	GYP.	P2-A	ACP-1	ACP-1	
D115	DIGITAL COORD.	CPT-2	RB-1	GYP.	P2-A	GYP.	P2-A	GYP.	P3-A	GYP.	P2-A	ACP-1	ACP-1	
D117	DIGITAL SPECIALIST	CPT-2	RB-1	GYP.	P2-A	GYP.	P2-A	GYP.	P3-A	GYP.	P2-A	ACP-1	ACP-1	
D118	DIGITAL SPECIALIST	CPT-2	RB-1	GYP.	P3-A	GYP.	P2-A	GYP.	P2-A	GYP.	P2-A	ACP-1	ACP-1	
D119	INSTRUCT MATERIAL STORAGE	CFS-1	RB-1	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	ACP-1	ACP-1	
D120	INSTRUCT SPECIALIST SLAR	CPT-2	RB-1	GYP.	P3-A	GYP.	P2-A	GYP.	P2-A	GYP.	P2-A	ACP-1	ACP-1	
D121	INSTRUCT SPECIALIST ELEMENTARY READING 1	CPT-2	RB-1	GYP.	P3-A	GYP.	P2-A	GYP.	P2-A	GYP.	P2-A	ACP-1	ACP-1	
D122	WORKROOM 2	LVT-1	RB-1	GYP.	P3-A	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	ACP-1	ACP-1	
D123	CONFERENCE 2	CPT-2	RB-1	GYP.	P4-A	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	ACP-1	ACP-1	
D124	INSTRUCT SPECIALIST	CPT-2	RB-1	GYP.	P2-A	GYP.	P2-A	GYP.	P3-A	GYP.	P2-A	ACP-1	ACP-1	
D125	INSTRUCT ELEMENTARY STORAGE	CFS-1	RB-1	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	ACP-1	ACP-1	
D126	INSTRUCT SECONDARY STORAGE	CFS-1	RB-1	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	ACP-1	ACP-1	
D127	TSR COORD.	CPT-2	RB-1	GYP.	P2-A	GYP.	P2-A	GYP.	P3-A	GYP.	P2-A	ACP-1	ACP-1	
D128	TSR COORD.	CPT-2	RB-1	GYP.	P2-A	GYP.	P2-A	GYP.	P3-A	GYP.	P2-A	ACP-1	ACP-1	

PLEASE REFER TO RCP PLANS FOR CEILING HEIGHTS



A1 FIRST FLOOR FINISH PLAN - AREA D1
1/8" = 1'-0"

GENERAL NOTES:

A. DO NOT SCALE DRAWINGS
B. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CROSS-CHECK THE INTERIOR DRAWINGS WITH THE ARCHITECTURAL DRAWINGS PRIOR TO ORDERING/ INSTALLATION OF CASEWORK. ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL AND INTERIOR DRAWINGS SHALL BE BROUGHT TO THE ARCHITECTS ATTENTION FOR IMMEDIATE CLARIFICATION.
C. COORDINATE THE INSTALLATION WITH OTHER TRADES AS REQUIRED TO ENSURE A NEAT AND ORDERLY INSTALLATION. NOTIFY ARCHITECT/ ENGINEER OF ANY DISCREPANCIES BEFORE STARTING TO WORK.
D. GENERAL CONTRACTOR AND SUB-CONTRACTORS SHALL CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS. INFORMATION REGARDING THE COMPLETE WORK IS DISPERSED THROUGHOUT THE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED WITHOUT REFERENCE TO THE COMPLETE SET.
E. WHERE THERE MAY BE A CONFLICT IN THE SPECIFICATIONS AND/OR DRAWINGS, THEN THE MORE EXPENSIVE LABOR, MATERIALS, AND EQUIPMENT SHALL BE ASSUMED TO BE REQUIRED AND SHALL BE PROVIDED BY THE GENERAL CONTRACTOR TO THE SATISFACTION OF THE TENANT.
F. WHEN WORK, NOT SPECIFICALLY CALLED OUT, IS REQUIRED TO COMPLETE THE PROJECT, IT SHALL BE PROVIDED BY THE GENERAL CONTRACTOR WITH THE BEST MATERIALS AND WORKMANSHIP.
G. THE PROPER RECEIPT AND UNLOADING OF ALL NEW MATERIALS AND EQUIPMENT AT THE JOBSITE IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. GENERAL CONTRACTOR SHALL ADVISE ARCHITECT AND OWNER OF ALL DAMAGED, DEFICIENT OR OVERSHIPMENTS OF OWNER SUPPLIED MATERIALS. GENERAL CONTRACTOR SHALL COMPLETE AND SUBMIT ALL NECESSARY PAPERWORK AND ARRANGE INSPECTIONS OF DAMAGED GOODS AND RETURN AS PER CONSTRUCTION REQUIREMENTS.
H. FINISHES SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL PRIOR TO ORDERING OR INSTALLATION, WHERE DIRECTED IN THE SPECIFICATIONS.
I. ENSURE ALL SURFACES TO RECEIVE FINISHES ARE CLEAN, TRUE, AND FREE OF IRREGULARITIES. DO NOT PROCEED WITH WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
J. REFER TO ELEVATIONS FOR FINISHES THAT MAY NOT BE NOTED ON THE FINISH PLAN. TRANSITION IN FLOORING SHALL BE LOCATED AT CENTER OF DOOR OR OPENING UNLESS NOTED OTHERWISE (U.N.O)
K. PATCH, SMOOTH AND OTHERWISE PREPARE FLOOR SLAB AS REQUIRED FOR INSTALLATION OF FLOORING MATERIALS.
L. PROVIDE RESILIENT BASE IN ALL FINISHED FLOORING AREAS UNLESS SCHEDULED OTHERWISE.
M. DO NOT INSTALL FLOORING MATERIALS OVER EXPANSION JOINTS. PROVIDE EXPANSION JOINT COVERS.
N. SEE FINISH SCHEDULE, INTERIOR ELEVATIONS, AND REFLECTED CEILING PLANS FOR ADDITIONAL FINISH INFORMATION.
O. PROVIDE TRANSITION AT ALL CHANGES IN FLOOR MATERIALS, U.N.O
P. TRANSITION IN FLOORING SHALL BE LOCATED AT CENTER OF DOOR OR OPENING UNLESS OTHERWISE NOTED. (U.N.O)
Q. ALL OFFICE FLOORING TRANSITION SEAMS SHALL BE LOCATED INSIDE OFFICE AND NOT VISIBLE FROM CORRIDOR.
R. AREAS SCHEDULED TO RECEIVE CERAMIC TILE, CERAMIC MOSIAC TILE, OR QUARRY TILE SHALL RECEIVE MATCHING COVE BASE U.N.O.
S. PROVIDE METAL EDGE TRIM AT CERAMIC MOSIAC TILE, CERAMIC TILE, OR QUARRY TILE EDGE.
T. PROVIDE CERAMIC TILE STAIR TREAD AND RISERS WITH ANTI-SLIP SCHLUTER STRIP GUARDS FOR LOBBY WHILE EMERGENCY STAIR WELLS SHALL BE LVT TREADS AND RISERS. PROVIDE MATCHING FINISH TO LANDINGS AS NOTED IN DRAWINGS.
U. PAINT ALL EXPOSED STAIR STRUCTURE. REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
V. PATCH, SMOOTH, AND OTHERWISE PREPARE FLOOR SLAB AS REQUIRED FOR INSTALLATION OF FLOORING MATERIALS.
W. WHERE MULTIPLE FINISHES ARE NOTED TO BE LOCATED ON ONE WALL, REFER TO INTERIOR ELEVATIONS FOR LOCATIONS AND EXTENTS.
X. PROVIDE SOLID SURFACE MATERIAL TO RECEPTION DESK, LOBBY BAR SEATING, ROOM NUMBER B206 AND B207, AND ALL RESTROOMS.

MASTER FLOORING LEGEND

CFS-1 CONCRETE FLOOR SEALER
CPT-1 LANDING ZONE 42808 (FIELD)
CPT-2 SPACE X 42810 (OFFICE)
CPT-3 CHARCOAL 19100 (WALKOFF)
CT-5A 12X24 HAUTE MONDE ARISTOCRAT CREAM FIELD TILE - @ FIRST FLOOR & ENTRANCE STAIRS
CT-6D 6X12 ASTRONOMY ORION AT71 - (WOMENS RR)
CT-7D 6X12 ASTRONOMY SOLSTICE AT72 - (MEN'S RR & EXEC BREAKROOM)
CT-8E 12X24 ILLUMINATE RANDOM LINEAR EL60 (EXEC RR)
CT-9E 12X24 ILLUMINATE RANDOM LINEAR EL60 (EXEC RR)
LVT-1 EVENT STONE BOARDWALK 11201 (FIELD @ SECOND FLOOR & ELEVATORS)
LVT-2 2122 OAK GROVE @ (WET AREAS)
LVT-3 SOUNDSCAPE 4063V INK (VIDEO PRODUCTION)
LVT-4 IS236_C13 PORTLAND STAIR TREADS (SIX DEGREES) @ BACK OF BUILDING

WALL BASE

RB-1 29 MOON ROCK WG - JOHNSONITE BY TARKETT
RES-1 RESTROOM/ VESTIBULE TILE COVE BASE

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

D D.2
C G E
B A F

REV.	DATE	DESCRIPTION
1	05/20/25	ADDENDUM 1
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT JOHN M. MILLER 27116 STATE OF TEXAS
6/02/2025

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

FIRST FLOOR FINISH PLAN - AREA D1

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

PROJECT MANAGER	DESIGNER
FELIPE SILVA	TRICIA LOWE

JOB NO.
2023159.00

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5/31/2025 1:03:19 AM

MASTER ROOM FINISH LEGEND

REMARKS - ROOM FINISH SCHEDULE

1. CAULK BETWEEN GYPSUM BOARD AND SEALED FLOOR
2. CERAMIC TILE UP TO 4'-6" A.F.F.
3. CERAMIC TILE UP TO 7'-2" A.F.F.
4. PAINT GYP. P3-C RE:ELEVATIONS (TRAINING ROOM)
5. VIDEO PRODUCTION TO HAVE ALL BLACK FINISHES

PAINT LEGEND

PX-X

P= PAINT (X= COLOR) - (X=TYPE)

PAINT TYPES

A.	INTERIOR LATEX SEMI GLOSS
B.	INTERIOR INDUSTRIAL ACRYLIC COATING
C.	INTERIOR LATEX FLAT ENAMEL
D.	WATER BASED CATALYZED EPOXY
E.	WATERBORNE ACRYLIC DRYFALL
F.	GALVANIZED METAL TOUCH UP
G.	TRAFFIC MARKING PAINT

SOLID SURFACE

SS-1 WHITEWATER 9198EA (WILSONART)

SEE RECEPTION DESK, LOBBY BAR SEATING, ALL RESTROOMS, B206, & B207

INTERIOR FINISH TYPES

TILING KEY LEGEND

CT-XX

CERAMIC TILE - (X= COLOR) (X=SIZE)

GT = GLASS TILE

TILE SIZES: A = 12X24 D = 6X12
B = 2X10 E = RANDOM LINEAR
C = 1X4

PAINT COLORS

P1-A	NATURAL LINEN SW9109 (FIELD)
P2-A	MUSHROOM SW9587 (FIELD OFFICE)
P3-A	ELLIE GRAY SW7650 (ACCENT)
P4-A	BALANCED BEIGE SW7037 (ACCENT)
P5-A	BLACK AS NIGHT SW6993 (VIDEO PRODUCTION)
P1-C	EXTRA WHITE SW7006
P2-C	BLACK AS NIGHT SW6993
P3-C	NATURAL LINEN SW9109 (FIELD CEILING)
P4-C	MUSHROOM SW9587 (ACCENT FURRDOWNS)
P5-C	ELLIE GRAY SW7650 (ACCENT FURRDOWNS)

FLOORING LEGEND

CFS-X	CONCRETE TYPES
CPT-X	CARPET
CT-XX	CERAMIC TILE FLOORING
LVT-X	LUXURY VINYL TILE

FLOORING

CFS-1	CONCRETE FLOOR SEALER
CPT-1	LANDING ZONE 42808 (FIELD)
CPT-2	SPACE X 42810 (OFFICE)
CPT-3	CHARCOAL 19100 (WALKOFF)
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CT-6D	6X12 ASTRONOMY ORION AT71
CT-7D	6X12 SOLTICE AT72
CT-8E	ENLITE CLARITY EL60
CT-9E	ENLITE ILLUMINATE EL62
LVT-1	EVENT STONE BOARDWALK 11201 (FIELD)
LVT-2	2122 OAK GROVE
LVT-3	SOUNDSCAPE 4063V INK (VIDEO PRODUCTION)
LVT-4	PORTLAND CP-236 (STAIRS)

WALL BASE

RB-1	29 MOON ROCK WG - JOHNSONITE BY TARKETT
RES-1	COVE BASE @ RESTROOMS/ VESTIBULES

WALLS

FRP	FIBERGLASS RESIN PANEL
GYP	GYPSUM BOARD OR TILE BACKER BOARD
PLY	PLYWOOD
PLAM	PLASTIC LAMINATE
PX-X	PAINT (COLOR) (TYPE)
ALSF	ALUMINUM STOREFRONT OR CURTAIN WALL
ICCMU	INTERGRALLY COLORED CMU

CEILING TYPES

ACP-1	STANDARD ACOUSTIC CEILING TILE (WHITE)
MP-1	WOOD METAL PANEL CEILING
AP-1	TECTUM CEILING PANELS (BLACK) @ VIDEO PRODUCTION

PLASTIC LAMINATE (PLAM)

PL-1	8842-WR WEATHERED ASH (FORMICA)
PL-2	NATURAL COTTON 4946-38 (WILSONART)
PL-3	CANYON ZEPHYR 4842-60 (WILSONART) @ LOBBY
PL-4	SLATE GREY D91-60 (WILSONART) @ RECEPTION
PL-5	BLACK 1595-60 (WILSONART) @ VIDEO PRODUCTION

GLAZING TYPES

G1- 1/4" CLEAR TEMPERED FLOAT
G1A- 1/4" FROSTED TEMPERED FLOAT

WALL TILES

CT-1A	12X24 DUNE STREAM RC11
CT-2A	12X24 DUNE PLATEAU RC11
CT-3A	12X24 INDOTERRA NATURAL IN42
CT-4A	12X24 INDOTERRA RIVERBED IN43
CT-5B	2X10 ZEN RD23
GT-1C	1X4 RAINWATER CW42

SPECIALTY STONE TILE -
AS-1 STACKED CREAM LIMESTONE

WALL COVERINGS/ PROTECTION

WP - 1	COASTAL GRASS - MUSEUM PIECE
WP - 2	FINE SILVER @ OPERABLE PARTITIONS
CG - 1	SPARROW WALL PROTECTION
TC161	SPARROW TOP CAP

ACCOUSTICAL WALL PANELS

AWP-1 GAMUT - CHALK 3468-101
AWP-2 REPPWEAVE - TAUPE 3747-104
AWP-3 TWEEDY TWILL - OVERCASE 3064-801

PLEASE NOTE: ALL CARPET TO CARPET FLOORING IN OFFICES SHALL HAVE TRANSITION SEAM INSIDE OFFICE AND NOT VISIBLE FROM CORRIDOR. 1

ROOM FINISH SCHEDULE AREA B2

NUMBER	NAME	FLOOR	BASE	NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING		REMARKS
				MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	
B200	WAITING AREA	LVT-2	RB-1	GYP.	P1-A	GYP.		GYP.	P1-A	GYP.	P1-A	ACP-1	ACP-1	
B201	RR	CT-6D	RES-1	GYP/ TILE	CT-2A/ P1-A	GYP/ TILE	CT-2A/ P1-A	GYP/ TILE	CT-2A / P1-A	GYP/ TILE	CT-2A/ P1-A	ACP-1	ACP-1	3
B202	CIRCULATION	CPT-1	RB-1	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	ACP-1	ACP-1	
B203	EXEC. SECRETARY SUPERINTENDENT	CPT-1	RB-1	GYP.	P3-A	GYP.	P2-A	GYP.	P2-A	GYP.	P2-A	ACP-1	ACP-1	
B204	WORKROOM	LVT-1	RB-1	GYP.	P3-A	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	ACP-1	ACP-1	
B205	SUPERINTENDENT CONFERENCE ROOM	CPT-1	RB-1	GYP.	P3-A	GYP.	P1-A	GYP.	P3-A	GYP.	P1-A	ACP-1	ACP-1	
B206	BREAKROOM	CT-7D	RB-1	GYP.	P3-A	GYP/ TILE	P1-A/ GT-1C	GYP/ TILE	P1-A/ GT-1C	GYP/ TILE	P1-A	ACP-1	ACP-1	
B207	RR	CT-8E/ CT-9E	RES-1	GYP/ TILE	CT-4A/ CT-5B/ GT-1C	GYP/ TILE	CT-4A/ CT-5B/ GT-1C	GYP/ TILE	CT-4A/ CT-5B/ GT-1C/ P1-A	GYP/ TILE	CT-4A/ CT-5B/ GT-1C	GYP	P1-C	2
B208	ADMINISTRATOR	CPT-1	RB-1	GYP.	P3-A	GYP.	P2-A	GYP.	P2-A	GYP.	P2-A	ACP-1	ACP-1	
B209	SUPERINTENDENT	CPT-1	RB-1	GYP.	P2-A	GYP.	P2-A	GYP.	P3-A	GYP.	P3-A	ACP-1	ACP-1	
B210	CLOSET	CPT-1	RB-1	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	ACP-1	ACP-1	
B211A	CORRIDOR	CPT-1/LVT-2	RB-1	GYP.	P1-A/ P3-A	GYP.	P1-A	GYP.	P3-A	GYP.	P1-A	ACP-1	ACP-1	
B211B	CORRIDOR	CPT-1	RB-1	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	ACP-1	ACP-1	
B211C	CORRIDOR	CPT-1	RB-1	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	ACP-1	ACP-1	
B211D	CORRIDOR	CPT-1	RB-1	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	ACP-1	ACP-1	
B212	COORD. (VACANT)	CPT-2	RB-1	GYP.	P2-A	GYP.	P3-A	GYP.	P2-A	GYP.	P2-A	ACP-1	ACP-1	
B213	COORD. (VACANT)	CPT-2	RB-1	GYP.	P2-A	GYP.	P3-A	GYP.	P2-A	GYP.	P2-A	ACP-1	ACP-1	
B214	COORD.	CPT-2	RB-1	GYP.	P2-A	GYP.	P3-A	GYP.	P2-A	GYP.	P2-A	ACP-1	ACP-1	
B215	ADMIN SUPPORT	CPT-2	RB-1	GYP.	P2-A	GYP.	P2-A	GYP.	P2-A	GYP.	P3-A	ACP-1	ACP-1	
B216	COORD.	CPT-2	RB-1	GYP.	P2-A	GYP.	P3-A	GYP.	P2-A	GYP.	P2-A	ACP-1	ACP-1	
B217	ADMIN SUPPORT	CPT-2	RB-1	GYP.	P2-A	GYP.	P2-A	GYP.	P2-A	GYP.	P3-A	ACP-1	ACP-1	
B218	COORD.	CPT-2	RB-1	GYP.	P2-A	GYP.	P3-A	GYP.	P2-A	GYP.	P2-A	ACP-1	ACP-1	
B219	ADMIN SUPPORT	CPT-2	RB-1	GYP.	P2-A	GYP.	P2-A	GYP.	P2-A	GYP.	P2-A	ACP-1	ACP-1	
B220	ADMIN SUPPORT	CPT-2	RB-1	GYP.	P2-A	GYP.	P3-A	GYP.	P2-A	GYP.	P2-A	ACP-1	ACP-1	
B221	ADMIN SUPPORT (VACANT)	CPT-2	RB-1	GYP.	P2-A	GYP.	P3-A	GYP.	P2-A	GYP.	P2-A	ACP-1	ACP-1	
B222	ADMIN SUPPORT	CPT-2	RB-1	GYP.	P2-A	GYP.	P3-A	GYP.	P2-A	GYP.	P2-A	ACP-1	ACP-1	
B223	ADMIN SUPPORT	CPT-2	RB-1	GYP.	P2-A	GYP.	P3-A	GYP.	P2-A	GYP.	P2-A	ACP-1	ACP-1	
B224	ADMIN SUPPORT	CPT-2	RB-1	GYP.	P2-A	GYP.	P3-A	GYP.	P2-A	GYP.	P2-A	ACP-1	ACP-1	
B225	WORKROOM	LVT-1	RB-1	GYP.	P3-A	GYP.	P1-A	GYP.	P1-A	GYP.	P1-A	ACP-1	ACP-1	
B226	CONFERENCE	CPT-1	RB-1	GYP.	P1-A	GYP.	P1-A	GYP.	P4-A	GYP.	P1-A	ACP-1	ACP-1	
B227	DIRECTOR	CPT-2	RB-1	GYP.	P2-A	GYP.	P2-A	GYP.	P3-A	GYP.	P2-A	ACP-1	ACP-1	
B228	ACCOUNTANT	CPT-2	RB-1	GYP.	P2-A	GYP.	P2-A	GYP.	P3-A	GYP.	P2-A	ACP-1	ACP-1	
B229	EXECUTIVE DIRECTOR	CPT-2	RB-1	GYP.	P2-A	GYP.	P2-A	GYP.	P3-A	GYP.	P2-A	ACP-1	ACP-1	
B230	ADMIN SUPPORT	CPT-2	RB-1	GYP.	P2-A	GYP.	P2-A	GYP.	P2-A	GYP.	P3-A	ACP-1	ACP-1	
B231	DIRECTOR	CPT-2	RB-1	GYP.	P2-A	GYP.	P2-A	GYP.	P2-A	GYP.	P3-A	ACP-1	ACP-1	
B232	DIRECTOR	CPT-2	RB-1	GYP.	P2-A	GYP.	P2-A	GYP.	P2-A	GYP.	P3-A	ACP-1	ACP-1	
B233	DIRECTOR	CPT-2	RB-1	GYP.	P2-A	GYP.	P2-A	GYP.	P2-A	GYP.	P3-A	ACP-1	ACP-1	
B234	DIRECTOR	CPT-2	RB-1	GYP.	P2-A	GYP.	P2-A	GYP.	P2-A	GYP.	P3-A	ACP-1	ACP-1	

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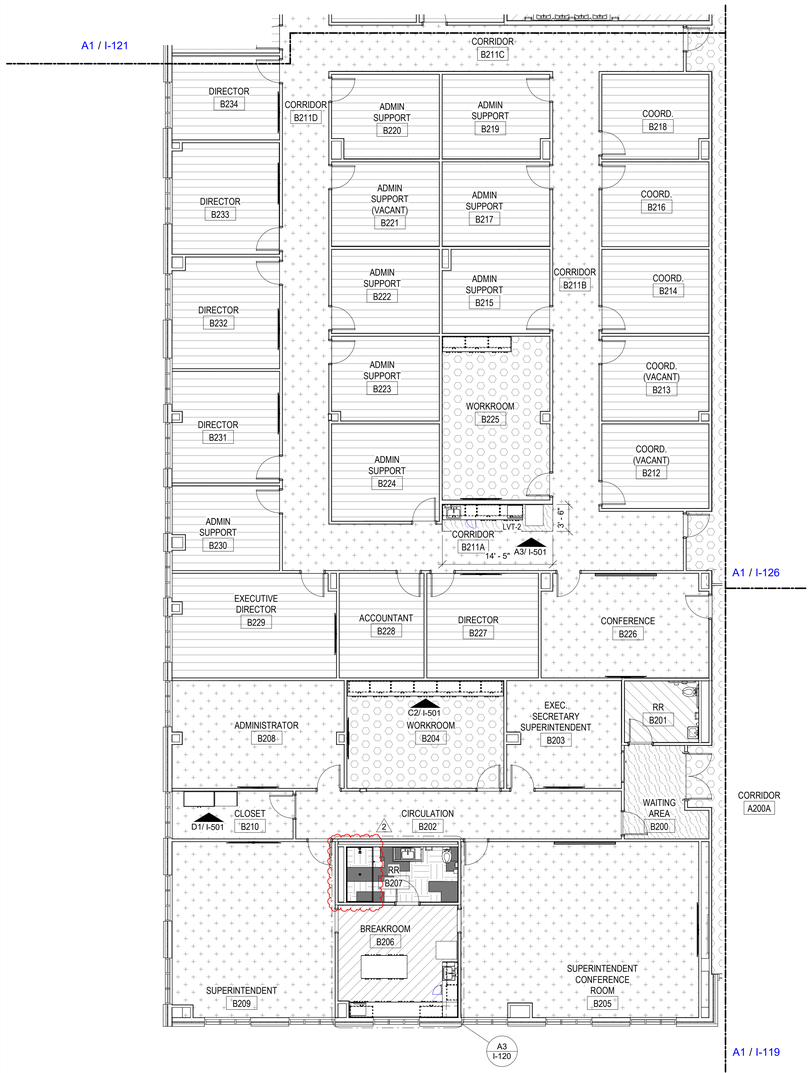
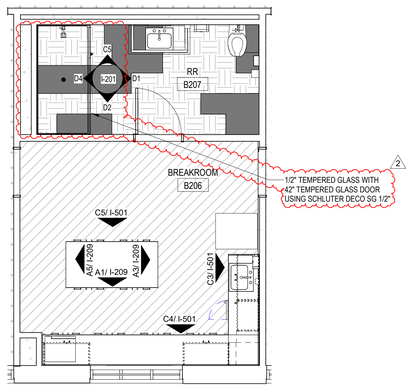
X. PROVIDE SOLID SURFACE MATERIAL TO RECEPTION DESK, LOBBY BAR SEATING, ROOM NUMBER B206 AND B207, AND ALL RESTROOMS. 1



A1 SECOND FLOOR FINISH PLAN - AREA B2
1/8" = 1'-0"



A3 EXECUTIVE BREAKROOM CALL OUT
1/4" = 1'-0"

MASTER FLOORING LEGEND

	CFS-1	CONCRETE FLOOR SEALER
	CPT-1	LANDING ZONE 42808 (FIELD)
	CPT-2	SPACE X 42810 (OFFICE)
	CPT-3	CHARCOAL 19100 (WALKOFF)
	CT-5A	12X24 HAUTE MONDE ARISTOCRAT CREAM FIELD TILE - @ FIRST FLOOR & ENTRANCE STAIRS
	CT-6D	6X12 ASTRONOMY ORION AT71 - (WOMENS RR)
	CT-7D	6X12 ASTRONOMY SOLSTICE AT72 - (MEN'S RR & EXEC BREAKROOM)
	CT-8E	12X24 ILLUMINATE RANDOM LINEAR EL60 (EXEC RR)
	CT-9E	12X24 ILLUMINATE RANDOM LINEAR EL60 (EXEC RR)
	LVT-1	EVENT STONE BOARDWALK 11201 (FIELD @ SECOND FLOOR & ELEVATORS)
	LVT-2	2122 OAK GROVE @ (WET AREAS)
	LVT-3	SOUNDSCAPE 4063V INK (VIDEO PRODUCTION)
	LVT-4	IS236, C13 PORTLAND STAIR TREADS (SIX DEGREES) @ BACK OF BUILDING

WALL BASE

RB-1	29 MOON ROCK WG - JOHNSONITE BY TARKETT
RES-1	RESTROOM/ VESTIBULE TILE COVE BASE

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

D2	D2.2		
C2	G2	E2	
B2	A2	F2	

REV.	DATE	DESCRIPTION
1	05/20/25	ADDENDUM 1
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
MARK L. WOLFE
97116
STATE OF TEXAS
6/02/2025

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

SECOND FLOOR FINISH PLAN - AREA B2

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

PROJECT MANAGER	DESIGNER
FELIPE SILVA	TRICIA LOWE

JOB NO.
2023159.00

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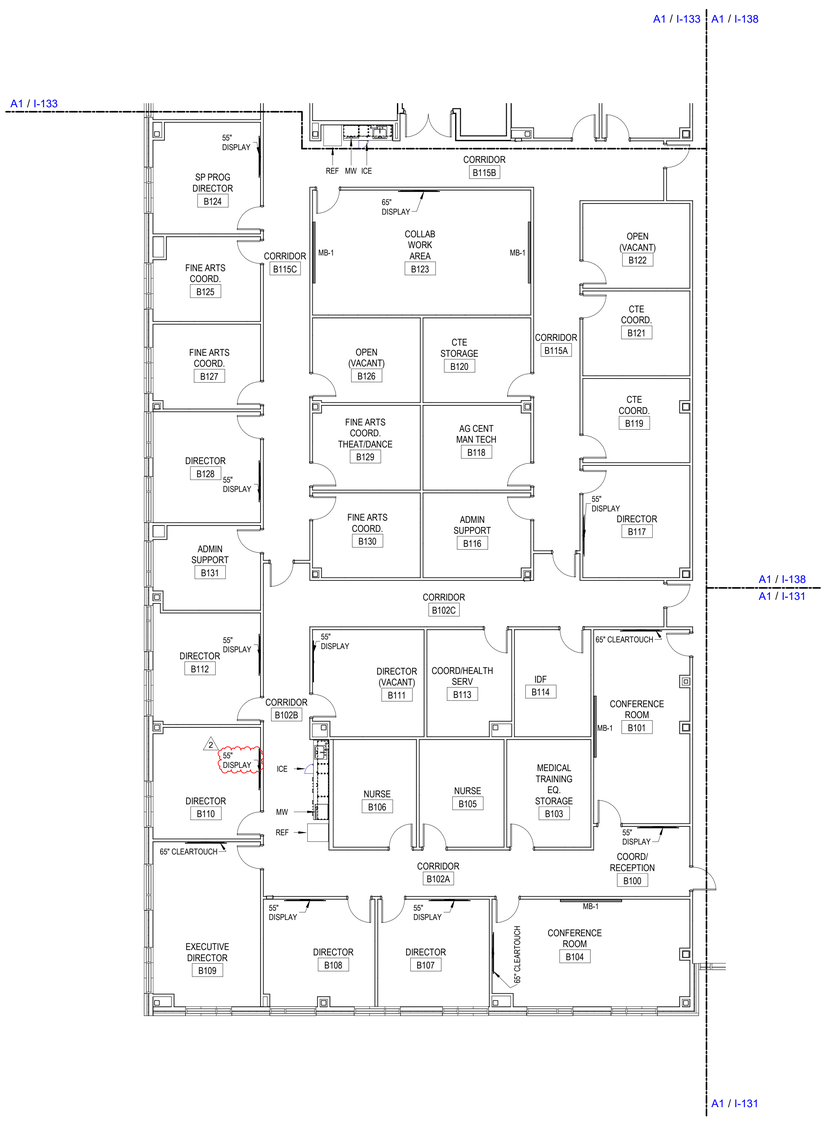
A1 / I-133



A1 EQUIPMENT PLAN - AREA B1
1/8" = 1'-0"

N

GENERAL NOTES

A. DO NOT SCALE DRAWINGS
B. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CROSS-CHECK THE INTERIOR DRAWINGS WITH THE ARCHITECTURAL DRAWINGS PRIOR TO THE ORDERING / INSTALLATION OF CASEWORK. ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL AND INTERIOR DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECTS ATTENTION FOR IMMEDIATE CLARIFICATION.
C. COORDINATE WORK WITH OTHER TRADES, EQUIPMENT FURNISHED BY OTHERS, AND THE CONSTRAINTS OF THE EXISTING CONDITIONS OF THE PROJECT SITE. COORDINATE THE INSTALLATION WITH OTHER TRADES AS REQUIRED TO ENSURE A NEAT AND ORDERLY INSTALLATION. NOTIFY ARCHITECT/ ENGINEER OF ANY DISCREPANCIES BEFORE STARTING TO WORK.
D. INSTALL SOAP DISPENSER AND PAPER TOWEL DISPENSER AT EACH SINK
E. REFER TO ARCHITECTURAL DRAWING SHEETS FOR DOOR, WINDOW, PARTITION TYPES AND DIMENSIONAL LAYOUT.
F. REFER TO TECHNOLOGY DRAWINGS FOR CLEAR TOUCH AND OTHER DISPLAY MOUNTING HEIGHTS AND REQUIREMENTS.
G. ALL MAIN CORRIDORS WILL HAVE CG-1 @ WALL PROTECTION ON FIRST FLOOR W/ TOP CAP TC161

EQUIPMENT PLAN MASTER LEGEND

CG-1: CORNER GUARD - SPARROW
TC161: CORNER GUARD TOP CAP - SPARROW

DIVC-1: OPERABLE PARTITION

FEB-1: FIRE EXTINGUISHER BRACKET
FEC-1: FIRE EXTINGUISHER CABINET

ICE: ICE MACHINE
UCI: UNDER COUNTER ICE MACHINE
DW: DISHWASHER
MW: MICROWAVE

MB-1: GLASS MARKER BOARD 8'-0" LONG

MS-1: MOP SINK RE: PLUMBING

PFA-1: WATER FOUNTAIN W/ DISPENSER RE: PLUMBING

REF: REFRIGERATOR
UBEV: UNDER-COUNTER BEVERAGE COOLER

55" DISPLAY
65" / 86" CLEARTOUCH

VEND: VENDING MACHINE(S) (N.I.C)

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

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Mary L. Goldsby Associates

Structural Engineers:
Dally + Associates, Inc.

MEPT ENGINEERS
Salas O'Brien

D D.2 C G E B A F

REV.	DATE	DESCRIPTION
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
MICHAEL SCOTT MAY
STATE OF TEXAS
27116
6/02/2025

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

EQUIPMENT PLAN B1

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

PROJECT MANAGER	DESIGNER
FS	TL

JOB NO.
2023159.00

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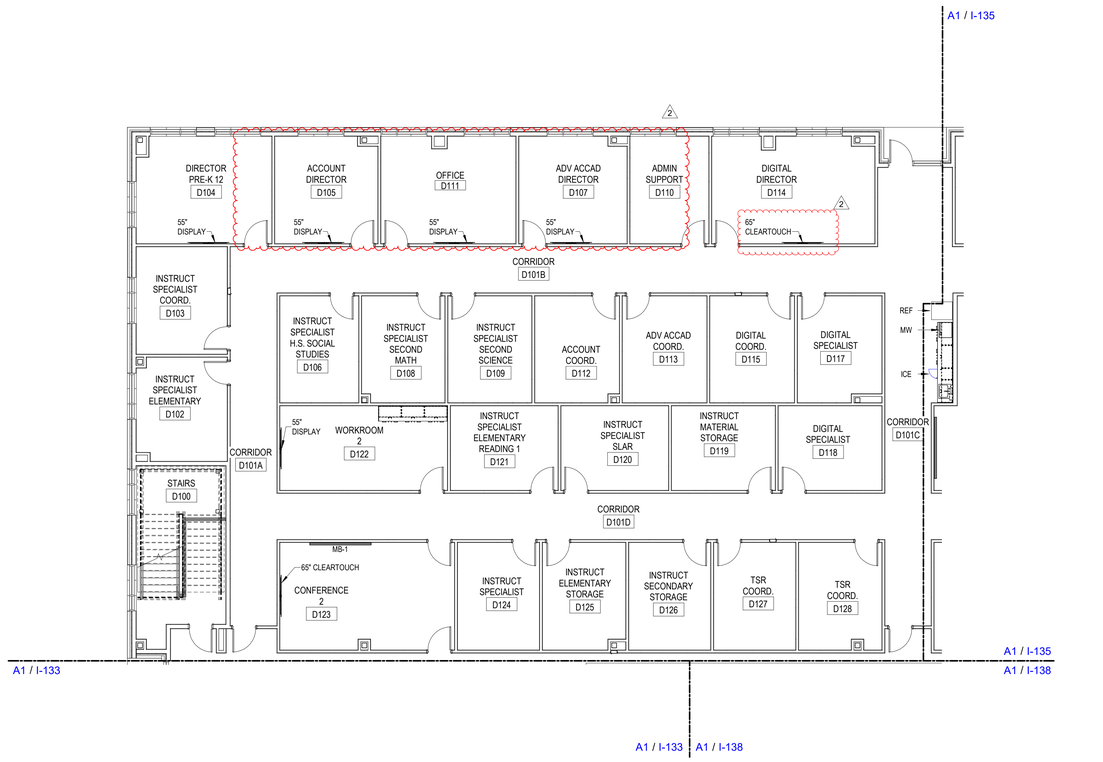

A1 EQUIPMENT PLAN - AREA D1
1/8" = 1'-0"

N

GENERAL NOTES

A. DO NOT SCALE DRAWINGS
B. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CROSS-CHECK THE INTERIOR DRAWINGS WITH THE ARCHITECTURAL DRAWINGS PRIOR TO THE ORDERING / INSTALLATION OF CASEWORK. ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL AND INTERIOR DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECTS ATTENTION FOR IMMEDIATE CLARIFICATION.
C. COORDINATE WORK WITH OTHER TRADES, EQUIPMENT FURNISHED BY OTHERS, AND THE CONSTRAINTS OF THE EXISTING CONDITIONS OF THE PROJECT SITE. COORDINATE THE INSTALLATION WITH OTHER TRADES AS REQUIRED TO ENSURE A NEAT AND ORDERLY INSTALLATION. NOTIFY ARCHITECT/ ENGINEER OF ANY DISCREPANCIES BEFORE STARTING TO WORK.
D. INSTALL SOAP DISPENSER AND PAPER TOWEL DISPENSER AT EACH SINK
E. REFER TO ARCHITECTURAL DRAWING SHEETS FOR DOOR, WINDOW, PARTITION TYPES AND DIMENSIONAL LAYOUT.
F. REFER TO TECHNOLOGY DRAWINGS FOR CLEAR TOUCH AND OTHER DISPLAY MOUNTING HEIGHTS AND REQUIREMENTS.
G. ALL MAIN CORRIDORS WILL HAVE CG-1 @ WALL PROTECTION ON FIRST FLOOR W/ TOP CAP TC161

EQUIPMENT PLAN MASTER LEGEND

CG-1: CORNER GUARD - SPARROW
TC161: CORNER GUARD TOP CAP - SPARROW

DIVC-1: OPERABLE PARTITION

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DW: DISHWASHER
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MB-1: GLASS MARKER BOARD 8'-0" LONG

MS-1: MOP SINK RE: PLUMBING

PFA-1: WATER FOUNTAIN W/ DISPENSER RE: PLUMBING

REF: REFRIGERATOR
UBEV: UNDER-COUNTER BEVERAGE COOLER

55" DISPLAY
65" / 86" CLEARTOUCH

VEND: VENDING MACHINE(S) (N.I.C)

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Landscaping:
Mary L. Goldsby Associates

Structural Engineers:
Dally + Associates, Inc.

MEPT ENGINEERS
Salas O'Brien

D | D.2
C | G | E
B | A | F

REV.	DATE	DESCRIPTION
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
JOAN M. MICKLIN
87116
STATE OF TEXAS
6/02/2025

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

EQUIPMENT PLAN D1

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

PROJECT MANAGER	DESIGNER
FS	TL

JOB NO.
2023159.00

I-134

5/31/2025 1:03:31 AM

A1 EQUIPMENT PLAN - AREA D1.2
1/8" = 1'-0"

GENERAL NOTES

A. DO NOT SCALE DRAWINGS
B. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CROSS-CHECK THE INTERIOR DRAWINGS WITH THE ARCHITECTURAL DRAWINGS PRIOR TO THE ORDERING / INSTALLATION OF CASEWORK. ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL AND INTERIOR DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECTS ATTENTION FOR IMMEDIATE CLARIFICATION.
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D. INSTALL SOAP DISPENSER AND PAPER TOWEL DISPENSER AT EACH SINK
E. REFER TO ARCHITECTURAL DRAWING SHEETS FOR DOOR, WINDOW, PARTITION TYPES AND DIMENSIONAL LAYOUT.
F. REFER TO TECHNOLOGY DRAWINGS FOR CLEAR TOUCH AND OTHER DISPLAY MOUNTING HEIGHTS AND REQUIREMENTS.
G. ALL MAIN CORRIDORS WILL HAVE CG-1 @ WALL PROTECTION ON FIRST FLOOR W/ TOP CAP TC161

EQUIPMENT PLAN MASTER LEGEND

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TC161: CORNER GUARD TOP CAP - SPARROW

DIVC-1: OPERABLE PARTITION

FEB-1: FIRE EXTINGUISHER BRACKET
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MB-1: GLASS MARKER BOARD 8'-0" LONG

MS-1: MOP SINK RE: PLUMBING

PFA-1: WATER FOUNTAIN W/ DISPENSER RE: PLUMBING

REF: REFRIGERATOR
UBEV: UNDER-COUNTER BEVERAGE COOLER

55" DISPLAY
65" / 86" CLEARTOUCH

VEND: VENDING MACHINE(S) (N.I.C)

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

D | D.2
C | G | E
B | A | F

REV.	DATE	DESCRIPTION
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
JT116
STATE OF TEXAS
6/02/2025

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

EQUIPMENT PLAN D1.2

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

PROJECT MANAGER	DESIGNER
FS	TL

JOB NO.
2023159.00

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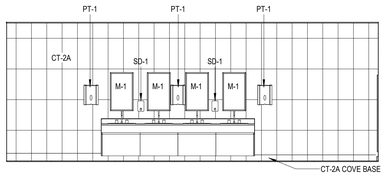
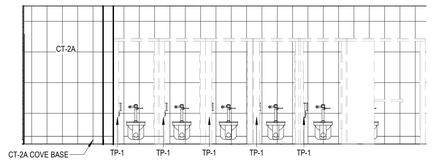
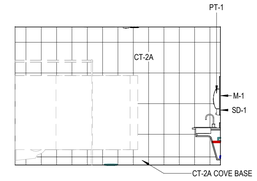


E1 C122 WOMENS RESTROOM NORTH
1/4" = 1'-0"



E2 C122 WOMENS RESTROOM SOUTH
1/4" = 1'-0"



E3 C122 WOMENS RESTROOM WEST
1/4" = 1'-0"

ACCESSORY SCHEDULE

PLEASE REFER TO ACCESSORY SCHEDULE ON SHEET I-202.

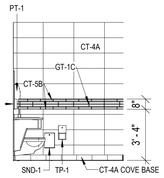
MARK	MODEL #	DESCRIPTION	FURNISHED BY	INSTALLED BY	REMARKS
M-1	B-2908	MIRROR 18"x36"	CONTRACTOR	CONTRACTOR	1, 2
M-2	B-2908	MIRROR 18"x60"	CONTRACTOR	CONTRACTOR	1, 2
SD-1	--	SOAP DISPENSER	OWNER	CONTRACTOR	2, 11
PT-1	--	PAPER TOWEL DISPENSER	OWNER	CONTRACTOR	2, 11, 12
GB-1	B-6808	36" LONG BAR GRAB BACK	CONTRACTOR	CONTRACTOR	1, 2
	B-6808	42" LONG BAR GRAB SIDE	CONTRACTOR	CONTRACTOR	1, 2
MH-1	B-232 X 36	MOP AND BROOM HOLDER	CONTRACTOR	CONTRACTOR	1, 2, 3, 5
SND-1	B-270	SANITARY NAPKIN DISPOSAL	CONTRACTOR	CONTRACTOR	1, 7
CH-1	B-233	COAT HOOKS	CONTRACTOR	CONTRACTOR	1, 2, 8
TP-1	--	TOILET TISSUE DISPENSER FOR TWO ROLLS	OWNER	CONTRACTOR	2
BCS-1	KB-300	BABY CHANGING STATION	CONTRACTOR	CONTRACTOR	1, 2

ACCESSORY SCHEDULE REMARKS:

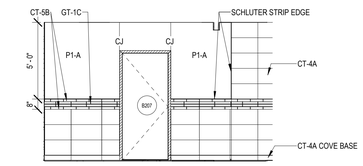
1. MODEL NUMBER REFLECTS ACCESSORIES MANUFACTURED BY BOBRICK WASHROOM EQUIPMENT, INC.
2. REFER TO SHEET A-401 FOR MOUNTING HEIGHTS AND LOCATIONS.
3. MOUNT MOP AND BROOM HOLDER 60" ABOVE FINISH FLOOR.
4. MOUNT FOLDING SHOWER SEAT 17" TO 19" ABOVE FINISH FLOOR.
5. FURNISH AND INSTALL ONE MOP AND BROOM HOLDER IN EACH CUSTODIAL ROOM. RE: FLOOR PLAN.
6. MODEL NO. REFLECTS ACCESSORIES MANUFACTURED BY AMERICAN SPECIFICATIONS, INC.
7. SANITARY NAPKIN DISPOSAL TO BE MOUNTED PER TOILET ACCESSORIES MOUNTING HEIGHTS.
8. MOUNT COAT HOOK 38" A.F.F. TO TOP.
9. NO SUBSTITUTIONS FOR THIS ITEM. BOBRICK MAKE AND MODEL NUMBER IS DISTRICT STANDARD.
11. SOAP DISPENSERS AND PAPER TOWEL DISPENSERS TO BE INSTALLED AT EVERY SINK WHETHER SHOWN OR NOT.
12. MODEL NUMBER REFLECTS ACCESSORY MANUFACTURED BY GEORGIA PACIFIC.

GENERAL NOTES:

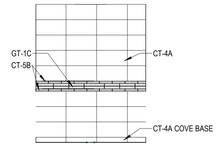
1. REFER TO EQUIPMENT PLANS FOR INFORMATION ON DIVISION 10, 11 AND 12 MATERIALS, FINISHES, AND EQUIPMENT.
2. REFER TO FLOOR FINISH PLANS FOR FLOOR TYPE AND PATTERNS.
3. REFER TO EQUIPMENT PLANS FOR INTERIOR ELEVATION TAGS
4. REFER TO ARCHITECTURAL FLOOR PLANS FOR ROOM FINISH SCHEDULES.
5. REFER TO CASEWORK ELEVATION DRAWINGS ON SHEETS 1-501 THROUGH I-505.
6. REFER TO ARCHITECTURAL DRAWING SHEETS FOR DOOR, WINDOW, PARTITION TYPES, AND DIMENSIONAL LAYOUT
7. REFER TO MECHANCIAL, ELECTRICAL, PLUMBING, AND TECHNOLOGY PLANS FOR SCOPE OF WORK.
8. REFER TO FOOD SERVICE PLANS FOR KITCHEN EQUIPMENT.
9. ALL DIMENSIONS TO FACE OF DRYWALL U.N.O.
10. SEE TYPICAL MOUNTING HEIGHTS SHOWN ON SHEET A-401 FOR TOILET ACCESSORIES WILL ALLOW FOR FULL OPERATION OF UNITS. NOTIFY ARCHITECT OF ANY POSSIBLE DISCREPANCIES PRIOR TO INSTALLATION
11. DO NOT SCALE DRAWINGS
12. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CROSS CHECK THE INTERIOR DRAWINGS WITH THE ARCHITECTURAL DRAWINGS FOR ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL AND INTERIOR DRAWINGS SHALL BE BROUGHT TO THE ARCHITECTS ATTENTION FOR IMMEDIATE CLARIFICATION
13. COORDINATE WORK WITH OTHER TRADES. EQUIPMENT FURNISHED BY OTHER, AND THE CONSTRAINTS OF THE EXISTING CONDITIONS OF THE PROJECT SITE. COORDINATE THE INSTALLATION WITH OTHER TRADES AS REQUIRED TO ENSURE A NEAT AND ORDERLY INSTALLATION. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES BEFORE STARTING WORK.
14. PROVIDE A SOAP AND PAPER TOWEL DISPENSER AT EACH SINK.
15. REFER TO ENLARGED RESTROOM PLANS FOR TOILET ACCESSORY INFORMATION.
16. PROVIDE LEVEL 5 FINISH TO GYPSUM BOARD WALL WHERE VINYL WALL GRAPHIC SHALL BE APPLIED. LOCATIONS NOTED IN INTERIOR ELEVATION
17. REFER TO SHEET A-401 FOR TYPICAL MOUNTING HEIGHTS
18. ALL TOILET PARTITIONS SHALL BE BLACK CORE PHENOLIC WITH WEATHERED ASH 8842 LAMINATE



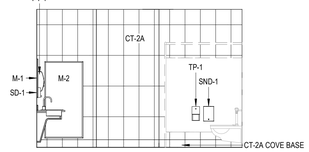
D1 B207 EXEC RESTROOM EAST
1/4" = 1'-0"



D2 B207 EXEC RESTROOM SOUTH
1/4" = 1'-0"



D4 B207 EXEC RESTROOM WEST
1/4" = 1'-0"



D5 C122 WOMENS RESTROOM EAST
1/4" = 1'-0"

ROOM FINISH LEGEND

PAINT SCHEDULE

P=PAINT(COLOR NUMBER) (FINISH)

PAINT COLOR NUMBER LEGEND

P1-A NATURAL LINEN SW9109 (FIELD)
P2-A MUSHROOM SW9587 (FIELD OFFICE)
P3-A ELLIE GRAY SW7650 (ACCENT)
P4-A BALANCED BEIGE SW7037 (ACCENT)

PAINT FINISH

A. INTERIOR LATEX SEMI GLOSS
B. INTERIOR INDUSTRIAL ACRYLIC COATING
C. INTERIOR LATEX FLAST ENAMEL
D. WATER BASED CATALYZED EPOXY
E. WATERBORNE ACRYLIC DRYFALL
F. WOOD STAIN
G. GREENSCREEN PAINT
H. INTUMESCENT PAINT
I. EXTERIOR URETHANE ALKYD ENAMEL
J. GALVANIZED METAL TOUCH UP
K. TRAFFIC MARKING PAINT

CERAMIC TILE

CT-1A 12X24 DUNE STREAM RC11
CT-2A 12X24 DUNE PLATEAU RC11
CT-3A 12X24 INDOTERRA NATURAL IN42
CT-4A 12X24 INDOTERRA TRAIL IN44
CT-5B 2X10 REMEDY - ZEN RD23
GT-1C 1x4 CASCADING WATERS - RAINWATER CW42

AS-1 LIMESTONE CREAM STONE TILE

INTERIOR FINISH TYPES

FLOORING

CFS-1 CONCRETE FLOOR SEALER
CPT-1 LANDING ZONE 42808 (FIELD)
CPT-2 SPACE X 42810 (OFFICE)
CPT-3 FUSION 26217 (WALKOFF)
CT-5A 12X24 HAUTE MONDE ARISTOCRAT CREAM (FIELD)
CT-6D 6X12 ASTRONOMY ORION AT71 (WOMEN'S RR)
CT-7D 6X12 SOLTICE AT72 (MEN'S RR)
CT-8E MOSAIC ENLITE EL60 (SUPERINTENDENTS RR)
CT-9E MOSAIC ENLITE EL60 (SUPERINTENDENTS RR)
LVT-1 EVENT STONE BOARDWALK 11201 (FIELD @ SECOND FLOOR & ELEVATOR FLOORS)
LVT-2 2122 OAK GROVE (WET AREAS)
LVT-3 SOUNDSCAPE 4063V INK 63549 (VIDEO PRODUCTION)
LVT-4 PORTLAND CP-236 (EMERGENCY STAIRS)

WALL BASE

RB-1 29 MOON ROCK WG - JOHNSONITE BY TARKETT
RES-1 COVE BASE @RESTROOMS/ VESTIBULE BY DALTILE

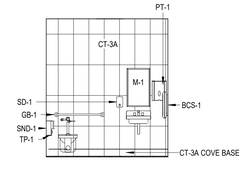
PLASTIC LAMINATE (PLAM)

PL-1 8842-WR WEATHERED ASH (FORMICA)
PL-2 NATURAL COTTON 4946-38 (WILSONART)
PL-3 CANYON ZEPHYR 4842-60 (WILSONART)
PL-4 SLATE GREY D91-60 (WILSONART)
PL-5 BLACK 1595-60 (WILSONART)

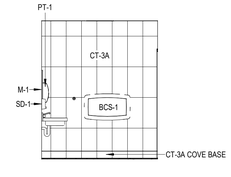
WALL COVERINGS/ PROTECTION

WP - 1 COASTAL GRASS - MUSEUM PIECE
WP - 2 FINE SILVER @ OPERABLE PARTITIONS

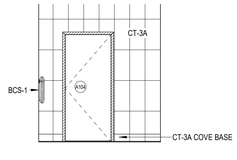
CG - 1 SPARROW CORNER GUARDS
TC161 SPARROW TOP CAP FOR WALL PROTECTION



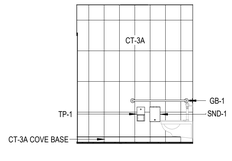
C1 A104 RESTROOM NORTH
1/4" = 1'-0"



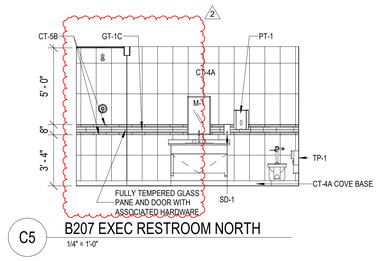
C2 A104 RESTROOM EAST
1/4" = 1'-0"



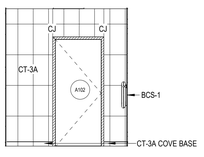
C3 A104 RESTROOM SOUTH
1/4" = 1'-0"



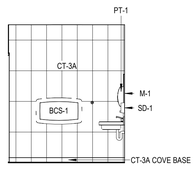
C4 A104 RESTROOM WEST
1/4" = 1'-0"



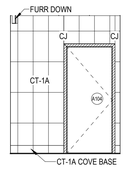
C5 B207 EXEC RESTROOM NORTH
1/4" = 1'-0"



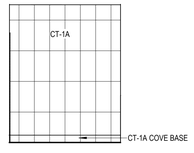
B1 A102 RESTROOM SOUTH
1/4" = 1'-0"



B2 A102 RESTROOM WEST
1/4" = 1'-0"



B3 A103 RR VESTIBULE NORTH
1/4" = 1'-0"



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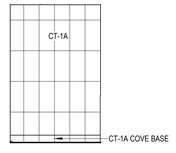
1/4" = 1'-0"



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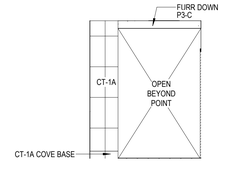

B6 A103 RR VESTIBULE WEST
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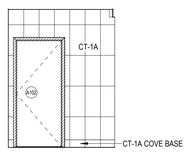
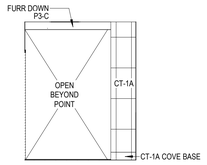


A1 A101 RR VESTIBULE NORTH
1/4" = 1'-0"



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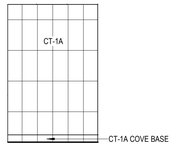

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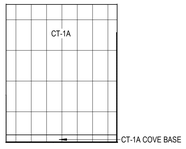
1/4" = 1'-0"



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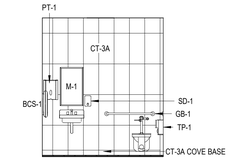
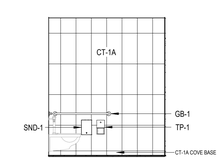
1/4" = 1'-0"



A5 A102 RESTROOM NORTH
1/4" = 1'-0"



A6 A102 RESTROOM EAST
1/4" = 1'-0"

GPD GROUP
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2121 Sage Road, Suite 240
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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

REV.	DATE	DESCRIPTION
1	05/20/25	ADDENDUM 1
2	05/30/25	ADDENDUM 2

REGISTERED ARCHITECT
TOM LEE
No. 27195
STATE OF TEXAS
6/02/2025

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

INTERIOR ELEVATIONS - RESTROOMS

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

PROJECT MANAGER	DESIGNER
FS	TL

JOB NO.
2023159.00

I-201

5/31/2025 1:03:46 AM

Civil Narrative

NCISD Administration Building
Addendum #2
May 30, 2025

Below is a summary of the sheet and specification revisions for Addendum #2.

C1.00 GENERAL NOTES

- Added New Caney MUD general notes, indicating for contractor to confirm responsible party for installation and procurement of all water appurtenances with New Caney MUD and New Caney MUD operator prior to construction.

C2.00 DEMOLITION PLAN

- Added note: “Contractor to include pricing for vertical offset to lower elevation of 90 linear feet of existing 10” IP Coated Steel pipeline. Coordinate with utility owner prior to construction.”

C7.00 GRADING PLAN

- Added note to plans: “Grade to match existing grade at 4H:1V slope max on both sides of road (typ.)”.

SECTION 32 13 13 – PORTLAND CEMENT CONCRETE PAVING

- Revised Section 3.6.A to include: “Fill precast holes with polyurethane sealant after installing stakes for wheel stops”.
- Revised Section 3.7.A.1 to include: “After the pavement is placed and in case compressive strength is not compliant with drawings and specifications, the Engineer may elect to determine pavement thickness and compressive strength by cores cut from the pavement or direct measurement of the edge thickness”.
- Removed Section 3.7.B.1 from specification.
- Revised Section 3.7.B.2 to include: “Any area of pavement found deficient in thickness by more than 0.50 inches shall be evaluated by the engineer”.

SECTION 33 05 28 – TRENCHING AND BACKFILLING FOR UTILITIES

- Removed Section 3.08.E3 from specification.
- Revised Section 3.08.I to include: “For water lines construction embedment, use bank run sand”.

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

Thank you,

Carlos Pacas
Dally + Associates, Inc.

GENERAL NOTES

1. THE DESIGN MUST BE CONSISTENT WITH THE EFFECTIVE EDITION MONTGOMERY COUNTY REQUIREMENTS AND TCEQ (TEXAS COMMISSION ON ENVIRONMENTAL QUALITY) REQUIREMENTS.
2. UTILITIES PRESENTED ON THESE DRAWINGS ARE SHOWN BASED ON THE BEST AVAILABLE INFORMATION. CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS IN THE FIELD PRIOR TO COMMENCING CONSTRUCTION. CONTRACTOR SHALL NOTIFY TEXAS ONE CALL AT 713-223-4567/811 OR 800-344-8377 AND LONE STAR NOTIFICATION CENTER AT 800-669-8344 AT LEAST 48 HOURS BEFORE PROCEEDING WITH ANY EXCAVATION. UTILITIES MARKED WITHIN PUBLIC RIGHT OF WAY OR IN EASEMENTS SHALL COMPLY WITH TAC TITLE 16, PART 1, CHAPTER 18, RULE § 18.6 AND THE AMERICAN PUBLIC WORKS ADMINISTRATION (APWA) UNIFORM COLOR CODE.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES TO EXISTING WATER, WASTEWATER STORM DRAINAGE LINES, AND TRAFFIC CONTROL DEVICES. DAMAGES SHALL BE REPAIRED IN ACCORDANCE WITH MONTGOMERY COUNTY STANDARD CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE, STREET PAVING, AND TRAFFIC AND STANDARD CONSTRUCTION DETAILS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE, STREET PAVING, AND TRAFFIC, REFERENCED ABOVE, AND SUPPLEMENTS, ADDENDA, AND AMENDMENTS THERETO, AT NO ADDITIONAL COST TO THE OWNING AUTHORITY.
4. ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND ANY DRAINAGE DITCH OR STRUCTURE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO EXISTING CONDITIONS OR BETTER AND TO THE SATISFACTION OF THE OWNING AUTHORITY.
5. CONTRACTOR SHALL COMPLY WITH LATEST EDITION OF OSHA REGULATIONS AND THE STATE OF TEXAS LAWS CONCERNING EXCAVATION.
6. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT ROOT SYSTEMS OF SHRUBS, PLANTS AND TREES ALONG THE AREA OF EXCAVATION.
7. CONTRACTOR SHALL MAINTAIN A SET OF REDLINE DRAWINGS AND RECORD AS-BUILT CONDITIONS DURING CONSTRUCTION. THESE AS-BUILT DRAWINGS WILL BE SUBMITTED TO THE DESIGN CONSULTANT WHO WILL MAKE THE CHANGES ON THE ORIGINAL TRACINGS, LABEL EACH SHEET IN THE SET AS "RECORD DRAWINGS", AND RETURN IT TO THE AUTHORIZED JURISDICTION.

WATER CONSTRUCTION NOTES

1. WATER LINES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST MONTGOMERY COUNTY, STANDARD SPECIFICATION, AND CONSTRUCTION DETAILS.
2. ALL 4" THROUGH 12" WATER LINE TO BE AWWA C-900 PVC DR-18 BLUE PRESSURE RATED WATER MAIN WITH 2" AND SMALLER WATER SERVICE LINE TO BE CONTINUOUS TYPE K COPPER TUBING PER COH STANDARD SPECIFICATION SECTION 02503. ALL 4" THRU 54" DI PIPE WATER LINES SHALL BE AWWA C151 WITH INSIDE LINING WITH AWWA C104 AND DOUBLE WRAPPED WITH 8-MIL POLYETHYLENE SHEETS.
3. CONCRETE THRUST BLOCKS SHALL BE PROVIDED AS NECESSARY TO PREVENT PIPE MOVEMENT. USE RESTRAINED JOINTS WHERE PREVENTING MOVEMENT OF 16" OR GREATER PIPE IS NECESSARY DUE TO THRUST.
4. ALL WATER LINES UNDER PROPOSED OR FUTURE PAVING AND TO A POINT OF ONE (1) FOOT BACK OF ALL PROPOSED OR FUTURE CURBS SHALL BE ENCASED IN BANK SAND TO 12" OVER PIPE AND BACKFILLED WITH CEMENT STABILIZED SAND TO WITHIN ONE (1) FOOT OF SUBGRADE.
5. ALL WATER LINE AND SEWER LINE CROSSINGS SHALL BE CONSTRUCTED PER MONTGOMERY COUNTY AND TCEQ REGULATIONS.
6. ALL WATER VALVES SHALL BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF AWWA C-500 AND SHALL BE OF THE RESILIENT SEAT TYPE.
7. ALL WATER LINES TO BE DISINFECTED IN CONFORMANCE WITH AWWA C-651 AND THE TEXAS STATE DEPARTMENT OF HEALTH. AT LEAST ONE BACTERIOLOGICAL SAMPLE SHALL BE COLLECTED FOR EVERY 1,000 LINEAR FEET OF WATER LINE AND SHALL BE REPEATED IF CONTAMINATION PERSISTS.
8. ALL BELOW GRADE VALVES SHALL BE GASKETED, HUB-END GATE VALVES WITH A CAST IRON BOX, EXCEPT WHERE FLANGES ARE CALLED OUT ON THE PLANS.
9. 4" THRU 12" FITTINGS SHALL BE CEMENT MORTAR LINED COMPACT DUCTILE IRON PRESSURE FITTINGS PER ANSI A21.53, OR PUSH ON FITTINGS PER ANSI A21.10 PRESSURE RATED AT 250 PSIG.
10. HYDROSTATIC TESTING: ALL WATER PIPE SHALL BE TESTED FOR LEAKAGE IN ACCORDANCE WITH THE CONSTRUCTION SPECIFICATIONS. TESTS ARE TO BE PERFORMED ON THE ENTIRE FOOTAGE OF WATER PIPE LINE INCLUDED IN THE PROJECT.
11. ALL WATER LINES TO HAVE 4' MINIMUM COVER TO FINISHED GRADE AND MINIMUM 12" CLEARANCE TO OTHER UTILITIES AT CROSSING UNLESS OTHERWISE NOTED ON PLANS. ALL WATER LINE INSTALLED OVER 8' DEEP SHALL UTILIZE RESTRAINED JOINT FITTINGS.
12. CONTRACTOR SHALL KEEP WATER PIPE CLEAN AND CAPPED (OR OTHERWISE EFFECTIVELY COVERED) OPEN PIPE ENDS TO EXCLUDE INSECTS, ANIMALS OR OTHER SOURCES OF CONTAMINATION FROM UNFINISHED PIPE LINES AT TIMES WHEN CONSTRUCTION IS NOT IN PROGRESS.

SANITARY SEWERS CONSTRUCTION NOTES

1. ALL SEWERS SHALL BE SUBJECT TO A STANDARD EXFILTRATION TEST. TESTS ARE TO BE PERFORMED ON THE TOTAL FOOTAGE OF SEWER LINE INCLUDED IN THE PROJECT. REQUIREMENTS OF TEXAS ADMINISTRATIVE CODE, TITLE 30 CHAPTER 217, "DESIGN CRITERIA FOR DOMESTIC WASTEWATER SYSTEMS" SHALL GOVERN WHERE CONFLICTS EXIST EXCEPT WHERE CITY REQUIREMENTS ARE MORE STRINGENT.
2. ALL MANHOLES ARE TO BE THE STANDARDS DETAILS PROVIDED IN THE DRAWINGS.
3. SANITARY SEWER MANHOLES WILL HAVE BEDDING AND BACKFILL PER THE STANDARD DETAILS PROVIDED IN THE DRAWINGS UNLESS OTHERWISE NOTED. PROVIDE THIN COAT/COATED SANITARY MANHOLE REQUIRED WITHIN 100' THE BUILDING. COAT PRECAST CONCRETE MANHOLE WITH THANE COAT TC300 OR APPROVED EQUAL, OR AS RECOMMENDED BY THE MANUFACTURER (REQUIRED WITHIN 100 FEET OF THE PROPOSED BUILDING)
4. THE SANITARY SEWER PVC PIPE SHALL BE ASTM D 3034 TYPE PSM SDR 26 GRAVITY SEWER PIPE OR SDR 26 SEWER PIPE FOR GRAVITY FLOW BASED ON CONSTRUCTION CONDITION REQUIREMENT AND CONFORMING TO ASTM D1784.
5. WHEN SS PRESSURE RATED PVC PIPE IS USED ON WATERLINE (WL) CROSSING UNDER CONDITION 1 OF COH IDM TABLE 7.3, THE SAME TYPE OF D2241 SDR 26 PVC PIPE OR C-900 GREEN DR-18 PVC GREEN PRESSURE RATED PIPE TO BE UTILIZED IN-BETWEEN TWO SS MH'S. OR TO UTILIZE A DI TRANSITION ADAPTER FOR THE CONNECTING OF ASTM D-3034 PVC GRAVITY PIPE TO DI-OD AWWA C-900 PVC PIPE CENTERED AT WL WHEN CONNECTING TWO DIFFERENT TYPES OF PVC PIPES FOR SEWER CONSTRUCTION.
6. AWWA C-900 DR-18 PVC PIPE USES EITHER AWWA C900 DR-18 PVC FITTINGS OR DIP FITTINGS.
7. ALL SANITARY SEWER LINES UNDER PROPOSED OR FUTURE PAVEMENT AND TO A POINT ONE (1) FOOT BACK OF ALL PROPOSED OR FUTURE CURBS SHALL HAVE BEDDING PER CITY OF HOUSTON STANDARD DETAILS DRAWING NUMBERS 02317-01, 02317-02, OR 02317-03 AS APPLICABLE, WITH 1 ½ SACK CEMENT/CY STABILIZED SAND BACKFILL UP TO THE BOTTOM OF THE PAVEMENT SUBGRADE. 100 PSI PERFORMANCE RESULTS ARE STILL REQUIRED.
8. ALL SANITARY SEWERS CROSSING WATER LINES WITH A CLEARANCE BETWEEN 12 INCHES AND 9 FEET SHALL HAVE A MINIMUM OF ONE 18' JOINT OF DUCTILE IRON OR (GREEN) C900 PVC PIPE MEETING ASTM SPECIFICATION D2241 CENTERED ON WATER LINE. WHEN WATER LINE IS BELOW SANITARY SEWER, PROVIDE MINIMUM 2 FOOT SEPARATION.
9. CONTRACTOR SHALL PROVIDE A MINIMUM HORIZONTAL CLEARANCE OF 9 FEET BETWEEN WATER LINES AND SANITARY SEWER MANHOLES AND LINES.
10. SANITARY SEWER MANHOLE RIMS OUTSIDE OF PROPOSED PAVING WILL BE SET 3" – 6" ABOVE THE SURROUNDING LEVEL FINISHED GRADE AFTER PAVING WITH SLOPED BACKFILL ADDED FOR STORM WATER TO DRAIN AWAY FROM MANHOLE RIM. PROVIDE CONCRETE MOW COLLAR AROUND SANITARY SEWER MANHOLES INSTALLED IN GRASS AREAS.
11. DEFLECTION TEST: DEFLECTION TESTS SHALL BE PERFORMED ON ALL FLEXIBLE AND SEMI-RIGID SEWER PIPE. THE TEST SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS. NO PIPE SHALL EXCEED A DEFLECTION OF 5%. IF THE DEFLECTION TEST IS TO BE RUN USING A RIGID MANDREL, IT SHALL HAVE A DIAMETER EQUAL TO 95% OF THE INSIDE DIAMETER OF THE PIPE. THE TEST SHALL BE PERFORMED AS PER 30 TAC 217.57 LATEST AMENDMENT AND WITHOUT MECHANICAL PULLING DEVICES. NO BALL-TYPE MANDREL IS ALLOWED.
12. INFILTRATION, EXFILTRATION OR LOW-PRESSURE AIR TEST: EITHER OF THE FOLLOWING TESTS SHALL BE PERFORMED AS PER TAC, TITLE 30 217.57 WITHIN THE SPECIFIED TOLERANCES ON ALL GRAVITY SEWERS.
    A. INFILTRATION OR EXFILTRATION TEST: TOTAL LEAKAGE AS DETERMINED BY A HYDROSTATIC HEAD TEST SHALL NOT EXCEED 50 GALLONS PER INCH DIAMETER PER MILE OF PIPE PER 24 HOURS AT A MINIMUM TEST HEAD OF TWO (2) FEET.
    B. LOW-PRESSURE AIR TEST: PERFORM TEST ACCORDING TO UNI-B-6-90 OR OTHER APPROPRIATE PROCEDURES. FOR SECTIONS OF PIPE LESS THAN 36" (INCH) AVERAGE INSIDE DIAMETER, THE MINIMUM ALLOWABLE TIME FOR PRESSURE DROP FROM 3.5 P.S.I.G. TO 2.5 P.S.I.G. SHALL BE AS FOLLOWS:
        6" 340 SECONDS OR 0.855(L) FOR TEST LENGTHS GREATER THAN 398'
        8" 454 SECONDS OR 1.520(L) FOR TEST LENGTHS GREATER THAN 298'
        10" 567 SECONDS OR 2.374(L) FOR TEST LENGTHS GREATER THAN 239'
        12" 680 SECONDS OR 3.419(L) FOR TEST LENGTHS GREATER THAN 199'
        15" 850 SECONDS OR 5.342(L) FOR TEST LENGTHS GREATER THAN 159'
        18" 1020 SECONDS OR 7.693(L) FOR TEST LENGTHS GREATER THAN 133'

    WHERE L = LENGTH OF LINE OF SAME PIPE SIZE IN FEET.
13. FOR SANITARY MANHOLE (MH) RIMS SET INSIDE OF OR @ CURB & GUTTER PAVEMENT AND/OR BELOW T.C., MH RIMS WILL BE SET FLUSHED WITH AN ABUTTING PAVED SURFACE. THE (VULCAN, NEENAH OR EQUAL) HEAVY DUTY BOLTED SOLID MH COVER SHALL BE PROPERLY (AND SECURELY) ATTACHED AND SEALED TO ITS COMPATIBLE GASKETED FRAME BY USING BOTH A NEOPRENE GASKET AND (AT LEAST) 4 COUNTER-SUNK HEX-HEAD COARSE THREADED ¾"-13 UNC STAINLESS STEEL BOLTS. THE HEAVY DUTY FRAME MH COVER SHALL BE SOLID (NO AIR HOLES). SAID FRAME SHALL BE BOTH EMBEDDED INTO THE MH'S TOP ALSO SECURELY ANCHORED TO THE UNDERLYING MH STRUCTURE WITH EITHER SECURELY ATTACHED EMBEDDED ANCHOR BOLTS OR THE CONCRETE MH'S EXPOSED REBARS WELDED TO THE FRAME OR OTHER EQUALLY SECURED METHODS TO PREVENT MH COVER/FRAME BLOW-OFFS/EJECTIONS.
14. "SAN. S. E." INDICATES "SANITARY SEWER EASEMENT."

NEW CANEY MUD - RULES AND REGULATIONS GOVERNING COMMERCIAL SEWER LINES AND CONNECTIONS

1. Contractor to confirm responsible party for installation and procurement of all water appurtenances (water meters, backflow preventers) with New Caney MUD and New Caney MUD operator prior to construction.
2. At the time of application for a connection, New Caney MUD (the "District") shall furnish designated wooden stakes. The property owner shall securely place the stakes at the desired location on the property line adjoining the street of each utility. The District shall attempt to accommodate the property owner's location; however, due to the location of main line joints and other obstructions, the final location may vary.
3. All water and sewer lines shall be in separate trenches with a minimum lateral horizontal separation of nine (9) feet from outside of pipes.
4. All sewer lines shall be installed in a trench with a minimum width of twelve (12) inches. The pipe shall be embedded up to its centerline or spring line after installation and verification of the proper grade. Bedding and embedment shall be with granular sandy materials without excessive clay content or fines.
5. All sewer lines shall have the correct grade or fall away from the building and shall be inspected prior to being covered. Water meters shall remain locked off until the sewer and water main has been installed and has passed inspection and is properly backfilled and covered.
6. The District's personnel or their authorized representatives shall have access to the cleanout near the property line at all times for maintenance and inspection. The property owner shall have the responsibility for maintaining the cleanout and ensuring that the plug is securely in place at all times to prevent the entrance of storm water or sediment (unauthorized discharges).
7. For new construction, the sewer line shall be installed with proper grade from the District's connection at the property line to the building prior to inspection by the District. It shall be left uncovered for inspection.
8. For new construction the water main shall be installed from water meter to building and hooked up, leaving the trench open for the District inspector to inspect.
9. All pipe joints including the cleanout adapters shall be securely glued in place prior to inspection.
10. Provide a minimum of six (6) inches of straight pipe between each fitting. All bends shall be 45 degrees or less.
11. If the sewer installation fails to pass inspection, the property owner shall reschedule and pay for another inspection. For new connections, the water service shall not start until the sewer has passed inspection.

PRIVATE UTILITY NOTES

GAS PROVIDER - CENTERPOINT ENERGY

CAUTION: UNDERGROUND GAS FACILITIES

THE CONTRACTOR SHALL CONTACT THE UTILITY COORDINATING COMMITTEE AT 1-800-545-6005 OR 811 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION TO HAVE MAIN AND SERVICE LINES FIELD LOCATED.

- WHEN CENTERPOINT ENERGY PIPE LINE MARKINGS ARE NOT VISIBLE, CALL (713) 945-8925 OR (936) 788-6436 (7:00 A.M. TO 4:30 P.M.) FOR STATUS OF LINE LOCATION REQUEST BEFORE EXCAVATION BEGINS.
- WHEN EXCAVATING WITHIN EIGHTEEN INCHES (18") OF THE INDICATED LOCATION OF CENTERPOINT ENERGY FACILITIES, ALL EXCAVATION MUST BE ACCOMPLISHED USING NON-MECHANIZED EXCAVATION PROCEDURES.
- FOR EMERGENCIES REGARDING GAS LINES CALL CENTERPOINT ENERGY AT (713) 945-8925 OR (936) 788-6436.

THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY DAMAGES CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UNDERGROUND FACILITIES.

ELECTRICAL PROVIDER - ENTERGY TEXAS

WARNING: OVERHEAD ELECTRICAL FACILITIES

OVERHEAD LINES MAY EXIST ON THE PROPERTY. THE LOCATION OF OVERHEAD LINES HAS NOT BEEN SHOWN ON THESE DRAWINGS AS THE LINES ARE CLEARLY VISIBLE, BUT YOU SHOULD LOCATE THEM PRIOR TO BEGINNING ANY CONSTRUCTION. TEXAS LAW, SECTION 752, HEALTH & SAFETY CODE FORBIDS ACTIVITIES THAT OCCUR IN CLOSE PROXIMITY TO HIGH VOLTAGE LINES, SPECIFICALLY:

- ANY ACTIVITY WHERE PERSON OR THINGS MAY COME WITHIN SIX (6) FEET OF LIVE OVERHEAD HIGH VOLTAGE LINES; AND
- OPERATING A CRANE, DERRICK, POWER SHOVEL, DRILLING RIG, PILE DRIVER, HOISTING EQUIPMENT, OR SIMILAR APPARATUS WITHIN 10 FEET OF LIVE OVERHEAD HIGH VOLTAGE LINES.

PARTIES RESPONSIBLE FOR THE WORK, INCLUDING CONTRACTORS, ARE LEGALLY RESPONSIBLE FOR THE SAFETY OF CONSTRUCTION WORKERS UNDER THIS LAW. THIS LAW CARRIES BOTH CRIMINAL AND CIVIL LIABILITY. TO ARRANGE FOR LINES TO BE TURNED OFF OR REMOVED CALL ENTERGY TEXAS AT 1-800-ENTERGY.

ACTIVITIES ON/OR ACROSS ENTERGY TEXAS FEE OR EASEMENT PROPERTY

NO APPROVAL TO USE, CROSS OR OCCUPY ENTERGY TEXAS FEE OR EASEMENT PROPERTY IS GIVEN. IF YOU NEED TO USE ENTERGY TEXAS PROPERTY, PLEASE CONTACT 1-800-ENTERGY.

KINDER MORGAN CONSTRUCTION NOTES

- Kinder Morgan representative must be on site anytime work is taking place within 25' of the pipeline. Contact Damage Prevention Supervisor Jarred Garetson (1-281-689-4548) at least 72 hours prior to work beginning to schedule representative to be on site
- Only soft digging methods (hand digging or hydrovac) is allowed within the tolerance zone of the pipeline. Tolerance zone is defined as 18" plus ½ the diameter of the line.
- Active 811 One Call must be in place prior to work beginning.
- Load stress calculations required prior to equipment crossing. Prior to work beginning, contractor to provide list of equipment, along with make/model and/or specs, to be crossing or being utilized within the KM easements. KM to run load calcs and approve equipment crossing the pipeline(s).
- Vibratory equipment is not allowed over the pipe or within the pipeline easement(s). Hand vibratory equipment is allowed.
- Viewing window required at the pipelines prior to boring operations for utility installation.
- Executed agreements required prior to work beginning.

KINDER MORGAN CONSTRUCTION NOTES

- Kinder Morgan representative must be on site anytime work is taking place within 25' of the pipeline. Contact Damage Prevention Supervisor Jarred Garetson (1-281-689-4548) at least 72 hours prior to work beginning to schedule representative to be on site
- Only soft digging methods (hand digging or hydrovac) is allowed within the tolerance zone of the pipeline. Tolerance zone is defined as 18" plus ½ the diameter of the line.
- Active 811 One Call must be in place prior to work beginning.
- Load stress calculations required prior to equipment crossing. Prior to work beginning, contractor to provide list of equipment, along with make/model and/or specs, to be crossing or being utilized within the KM easements. KM to run load calcs and approve equipment crossing the pipeline(s).
- Vibratory equipment is not allowed over the pipe or within the pipeline easement(s). Hand vibratory equipment is allowed.
- Viewing window required at the pipelines prior to boring operations for utility installation.
- Executed agreements required prior to work beginning.

GPD GROUP
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2121 Sage Road, Suite 340
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713.623.1448 Fax 713.623.1485
Architecture/ Interior Design

CONSULTANTS:

Civil Engineers:
Dally + Associates, Inc.

Landscaping:
Mary L. Goldsby Associates

Structural Engineers:
Dally + Associates, Inc.

MEPT ENGINEERS
Salas O'Brien

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

FRED DALLY
90904
LICENSED
PROFESSIONAL
ENGINEER
05/30/2025

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

GENERAL NOTES

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

PROJECT MANAGER	DESIGNER
CP	KA

JOB NO.
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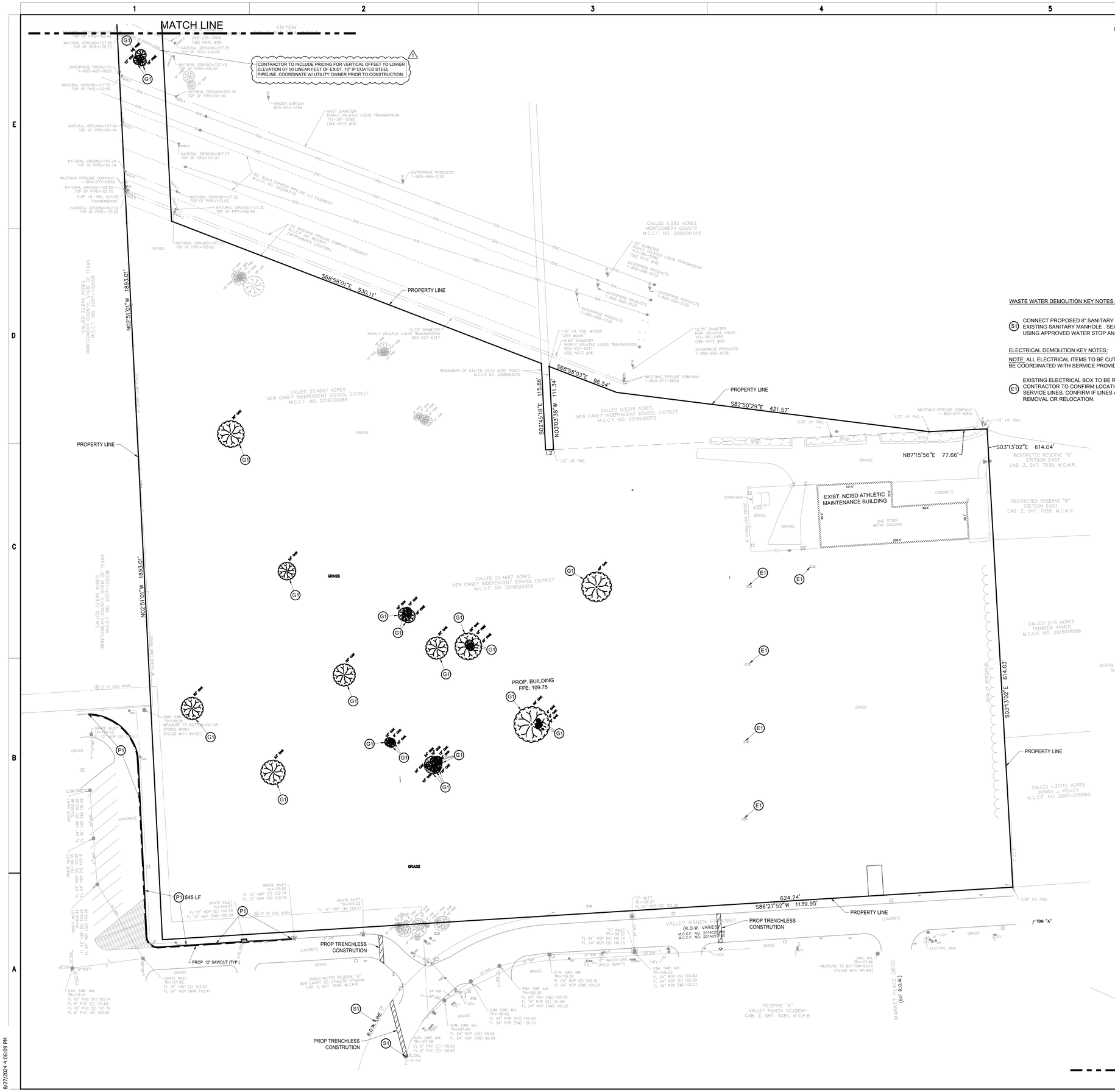

DEMOLITION NOTES TO CONTRACTOR:

1. THE CONTRACTOR AND OWNER SHALL COORDINATE WITH UTILITY SERVICE PROVIDERS FOR TERMINATION OF POWER AND GAS SERVICES TO THE SITE OR NEW SERVICES. THIS WORK SHALL BE PERFORMED BY THE UTILITY SERVICE PROVIDER AND SHALL BE SCHEDULED AS ONE OF THE FIRST ITEMS OF BUSINESS.
2. ALL SITE FEATURES NOT IDENTIFIED TO BE DEMOLISHED ARE TO REMAIN AND SHALL BE PROTECTED-IN-PLACE.
3. ALL ITEMS DESIGNATED TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
4. CONTRACTOR TO FOLLOW ALL RECOMMENDED SAFETY AND DISPOSAL PROCEDURES INCLUDING BUT NOT LIMITED TO EPA, TCEQ & OSHA.
5. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL DEBRIS OFFSITE.
6. BACKFILL ALL VOIDS FROM REMOVED ITEMS WITH STRUCTURAL FILL MATERIAL PLACED AND COMPACTED PER GEOTECHNICAL REPORT.
7. WHEN EXISTING SIDEWALK IS CLOSED FOR CONSTRUCTION, CONTRACTOR SHALL BARRICADE THAT AREA AND PROVIDE SAFE ALTERNATE PATH FOR PEDESTRIANS WITH PROPER SIGNAGE.
8. ALL TRAFFIC SIGNAGE WITHIN THE ROW SHALL BE PROTECTED IN PLACE AT ALL TIMES. ANY DAMAGE TO THESE DEVICES SHALL BE REPAIRED IMMEDIATELY.
9. CONTRACTOR SHALL REPAIR ANY ITEMS DAMAGED DURING CONSTRUCTION TO THEIR ORIGINAL CONDITION.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING POSITIVE DRAINAGE ON SITE DURING ALL CONSTRUCTION ACTIVITIES.
11. THE CONTRACTOR SHALL ENTER AND EXIT THE SITE THROUGH EXISTING DRIVEWAY.
12. CONTRACTOR SHALL NOTE ALL UTILITY PLUG LOCATIONS ON FIELD RECORD DRAWINGS.

SAWCUT NOTES:

1. SAWCUT 2" MINIMUM DEPTH, EXPOSE AND CLEAN EXISTING REINFORCING STEEL.
2. IF NO REINFORCING STEEL EXISTS, #5 HORIZONTAL DOWELS, 24" LONG, GRADE 60, SHALL BE DRILLED AND EMBEDDED 12" INTO THE CENTER OF EXISTING CONCRETE WITH EPOXY.
3. ALL REINFORCING STEEL SHALL BE PLACED 3" CLEAR (2" ABSOLUTE MINIMUM) FROM EDGE OF CONCRETE.

WASTE WATER DEMOLITION KEY NOTES:

(S1) CONNECT PROPOSED 8" SANITARY SERVICE CONNECTION TO EXISTING SANITARY MANHOLE . SEAL WALL PENETRATIONS USING APPROVED WATER STOP AND NON-SHRINK GROUT.

ELECTRICAL DEMOLITION KEY NOTES:

NOTE: ALL ELECTRICAL ITEMS TO BE CUT, PLUGGED OR REMOVED SHALL BE COORDINATED WITH SERVICE PROVIDER AND ELECTRICAL ENGINEER

(E1) EXISTING ELECTRICAL BOX TO BE REMOVED AND RELOCATED. CONTRACTOR TO CONFIRM LOCATION OF ELECTRICAL SERVICE LINES. CONFIRM IF LINES ARE ACTIVE PRIOR TO REMOVAL OR RELOCATION.

GENERAL DEMOLITION KEY NOTES:

(G1) EXISTING TREE TO BE REMOVED.
(G2) EXISTING GATE POST TO BE REMOVED.
(G3) EXISTING SIGN TO BE REMOVED.

DRAINAGE DEMOLITION KEY NOTES:

(D1) CONTRACTOR SHALL DRAIN, STRIP AND DEMUCK EXISTING DITCH PRIOR TO PLACING FILL. DITCH SHALL BE FILLED WITH STRUCTURAL FILL MATERIAL PLACED AND COMPACTED PER GEOTECHNICAL REPORT.
(D2) EXISTING STORM INLET, MANHOLE OR OTHER STRUCTURE TO BE REMOVED.

PAVING DEMOLITION KEY NOTES:

(P1) EXISTING CONCRETE CURB TO BE REMOVED.

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Salas O'Brien

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

DEMOLITION PLAN

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

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MATCH LINE

GRADE TO MATCH EXIST. GRADE AT 4H:1V SLOPE MAX ON BOTH SIDES OF ROAD (TYP.)

PROPERTY LINE

S68°58'01"E 530.11'

S68°58'03"E 96.54'

S82°50'29"E 421.57'

S03°13'02"E 614.04'

N87°15'56"E 77.66'

S86°27'52"W 1139.95'

N02°51'01"W 1893.01'

S02°45'18"E 115.86'

N03°03'35"W 111.34'

L1

L2

PROP. BUILDING
FFE: 109.75

PROP. DETENTION POND
4H:1V SLOPE

EXIST. NCISD ATHLETIC
MAINTENANCE BUILDING

VALLEY RANCH PKWY
(R.O.W. VARIES)
M.C.C.F. NO. 2014029248
M.C.C.F. NO. 2014029180

MARKET STREET DRIVE
(60' R.O.W.)

R.O.W. LINE

TBM "A"

CALLED 32.645 ACRES
MONTGOMERY COUNTY, STATE OF TEXAS
M.C.C.F. NO. 2007-102058

CALLED 20.4657 ACRES
NEW CANEY INDEPENDENT SCHOOL DISTRICT
M.C.C.F. NO. 2018023369

CALLED 0.5315 ACRES
NEW CANEY INDEPENDENT SCHOOL DISTRICT
M.C.C.F. NO. 2018023372

CALLED 6.583 ACRES
MONTGOMERY COUNTY
M.C.C.F. NO. 2020041012

CALLED 2.15 ACRES
TANWEER AHMED
M.C.C.F. NO. 2015018098

CALLED 1.37115 ACRES
DONNY J. KELLEY
M.C.C.F. NO. 2003-035560

CALLED 9.27 ACRES
MORIN & MORIN INVESTMENTS, INC.
M.C.C.F. NO. 2022145817

UNRESTRICTED RESERVE "A"
NEW CANEY ISD ATHLETIC STADIUM
CAB. Z, SHT. 3948, M.C.P.R.

RESERVE "A"
VALLEY RANCH ACADEMY
CAB. Z, SHT. 4084, M.C.P.R.

RESTRICTED RESERVE "B"
STETSON EAST
CAB. Z, SHT. 7939, M.C.M.R.

BLOCK 1
RESTRICTED RESERVE "A"
STETSON
CAB. Z, SHT. 5314, M.C.M.R.

0' 25' 50' 100'
SCALE: 1"=50'

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
TG	TOP OF GRATE
TP	TOP OF PAVEMENT
NG	NATURAL GROUND
	DRAINAGE PATTERN
	EXISTING CONTOURS
490	PROPOSED COUNTOURS

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.
5. ALL DIMENSIONS ARE TO FACE OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
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 SODDED UPON COMPLETION.

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PORTER, TX 77365

GRADING PLAN

ISSUED FOR: 100% CDs	
PERMIT	--/--/----
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CONSTRUCTION	--/--/----
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PROJECT MANAGER	DESIGNER
CP	KA

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ADDENDUM 02 ISSUE
May 29, 2025

To Drawings and Specifications dated May 19, 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 S201D.2:**
a) Added missing MEP pad for chiller.
b) Updated reference for the MEP pad detail.
c) Updated reference for the typical stair post connection.
d) Added note for test pier requirements.

Item No. 2 **Sheet S202B:**
a) Added shower depression and new detail (15/S602).

Item No. 3 **Sheet S203A:**
a) Added HSS12X6X5/16 along grid line H between grids 3 / 4.2 & 9.9 / 11.

Item No. 4 **Sheet S407:**
a) Revised the monument sign details.

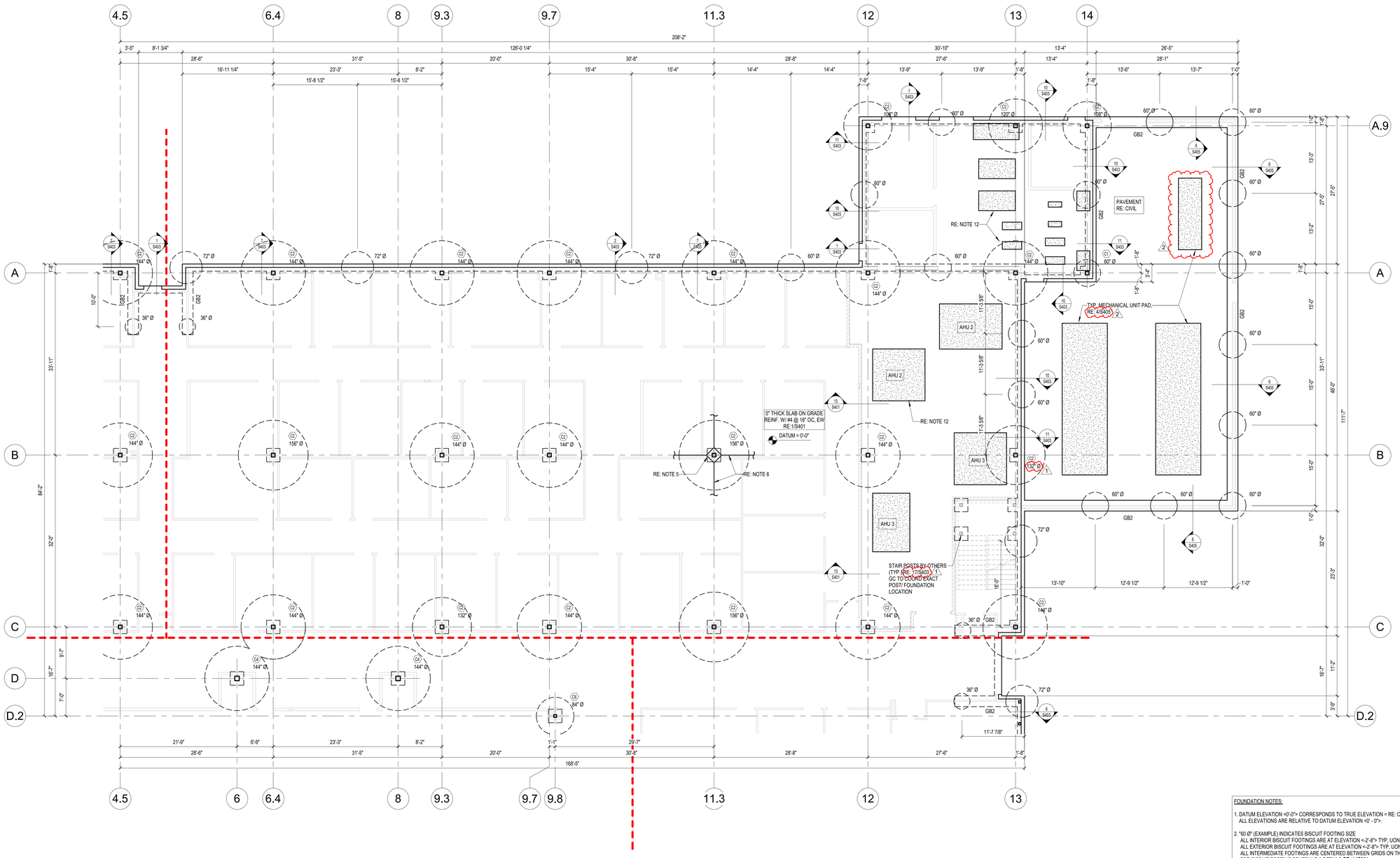
Item No. 5 **Sheet S503:**
a) Removed the rod from the typical canopy detail (7/S503)
b) Added new detail for overhead door connection (8/S503)

Item No. 6 **Sheet S602:**
a) Added new detail (15/S602) for the shower depression.

Item No. 7 **Sheet S703:**
a) Updated all perimeter roof details to indicate that the perimeter angles are to be “pre-punched”.

Item No. 8 **Sheet S705:**
a) Updated all perimeter roof details to indicate that the perimeter angles are to be “pre-punched”.

Item No. 9 **Sheet S706:**
a) Updated all perimeter roof details to indicate that the perimeter angles are to be “pre-punched”.



1 FOUNDATION PLAN - AREA D2
1/8" = 1'-0"

FOUNDATION NOTES:

1. DATUM ELEVATION <0'-0"> CORRESPONDS TO TRUE ELEVATION = RE: CIVIL.
   ALL ELEVATIONS ARE RELATIVE TO DATUM ELEVATION <0' - 0">.

2. "60 Ø" (EXAMPLE) INDICATES BISCUIT FOOTING SIZE
   ALL INTERIOR BISCUIT FOOTINGS ARE AT ELEVATION <-2'-8"> TYP, UON.
   ALL EXTERIOR BISCUIT FOOTINGS ARE AT ELEVATION <-2'-8"> TYP, UON.
   ALL INTERMEDIATE FOOTINGS ARE CENTERED BETWEEN GRIDS ON THE GRADE BEAM, TYP UON.
   FOR BISCUIT FOOTING SCHEDULE & DETAILS **RE: 1/S301**
   ALTERNATE DRILLED PIER FOUNDATION SCHEDULE IS SHOWN ON S301
   GC TO NOTIFY EOR OF FINALIZED FOUNDATION TYPE PRIOR TO CONSTRUCTION

3. "P1" (EXAMPLE) INDICATES PLINTH TYPE
   ALL INTERIOR PLINTHS ARE TYPE "P1" UON
   ALL PERIMETER PLINTHS ARE TYPE "P2" UON
   ALL CORNER PLINTHS ARE TYPE "P3" UON
   T.O. PLINTHS ARE AT < - 0'-8"> TYP, UON.
   FOR PLINTH SCHEDULE & DETAILS **RE: 3 / S301** **RE: 4 / S301**

4. "GB1" (EXAMPLE) INDICATES GRADE BEAM TYPE
   ALL GRADE BEAMS ARE TYPE "GB1" TYP, UON
   ALL GRADE BEAMS ARE AT ELEVATION <-0'-8"> TYP, UON.
   PROVIDE TYPICAL CORNER BARS AT ALL GRADE BEAM INTERSECTIONS **RE: 2 / S402**
   FOR GRADE BEAM SCHEDULE & DETAILS **RE: 2 / S301**

5. " C1 " (EXAMPLE) INDICATES COLUMN SIZE

   "[BP1]" (EXAMPLE) INDICATES BASE PLATE TYPE
   FOR COLUMN, BASE PLATE & ANCHOR BOLT **RE: 5 / S301** **RE: 6 / S301**
   PROVIDE TYPICAL BLOCKOUTS AT EACH COLUMN PER DETAILS 6, 7, 8 & 9/S401, TYP UON.
   FOR TYPICAL COLUMN BLOCKOUT DETAILS **RE: 6 / S401** **RE: 7 / S401** **RE: 8 / S401** **RE: 9 / S401**

6. PROVIDE CONTROL JOINTS AT EVERY COLUMN LINE AND AT A MAXIMUM SPACING
   OF 36 TIMES THE SLAB THICKNESS (NOT TO EXCEED 15'-0"), TYPICAL UON.
   FOR ADDITIONAL INFORMATION **RE: 3 / S401**

7. PROVIDE ADDITIONAL REINFORCING AT ALL RE-ENTRANT CORNERS AND SLAB DEPRESSIONS **RE: 5 / S401**

8. TYPICAL LIGHT POLE FOUNDATION DETAIL **RE: 1 / S405**

9. VERIFY ALL SLOPES, DEPRESSIONS, ELEVATIONS WITH ARCH. PRIOR TO CONSTRUCTION

10. GRAPHICAL CURBS SHOWN BASED ON ARCH COORDINATION.
    GC TO VERIFY ALL CONCRETE CURB LOCATIONS/DIMENSIONS WITH LATEST ARCH. DRAWINGS
    FOR TYPICAL CONCRETE CURB DETAIL **RE: 13 / S401**

11. ALL CMU WALL LOCATIONS ARE FOR REFERENCE ONLY.
    G.C. TO COORDINATE FINAL CMU WALL LOCATIONS WITH ARCHITECTURAL DRAWINGS
    FOR CMU WALLS SLAB ON GRADE SUPPORT **RE: 12 / S403** **RE: 13 / S403** **RE: 14 / S403**

12. G.C. TO PROVIDE A HOUSEKEEPING PAD UNDER ALL MECHANICAL UNITS.
    FOR TYPICAL HOUSEKEEPING PAD DETAIL **RE: 12 / S401**

2 13. PRIOR TO PIER INSTALLATION, CONTRACTOR TO PROVIDE NO LESS THAN (2) 10 FEET DEEP TEST PIERS (NOT WITHIN THE BUILDING PAD) FOR TESTING. PIER MAY BE FILLED WITH LEAN CONCRETE (2,000 PSI MIX).

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D+A PROJECT # 24-071-00

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CONSULTANTS:

Civil Engineers:
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Landscaping:
Mary L. Goldsby Associates

Structural Engineers:
Dally + Associates, Inc.

MEPT Engineers:
Salas O'Brien

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REV.	DESCRIPTION	DATE
1	ISSUE FOR BID	05/08/2025
2	Addendum #1	05/19/2025
	Addendum #2	05/29/2025

FRED DALLY 90904 REGISTERED PROFESSIONAL ENGINEER
05/29/2025

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

FOUNDATION PLAN - AREA D1.2

ISSUED FOR: BID	
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BID	05/08/2025
CONSTRUCTION	--/--/----
RECORD	--/--/----

PROJECT MANAGER	DESIGNER
LMM	RHW

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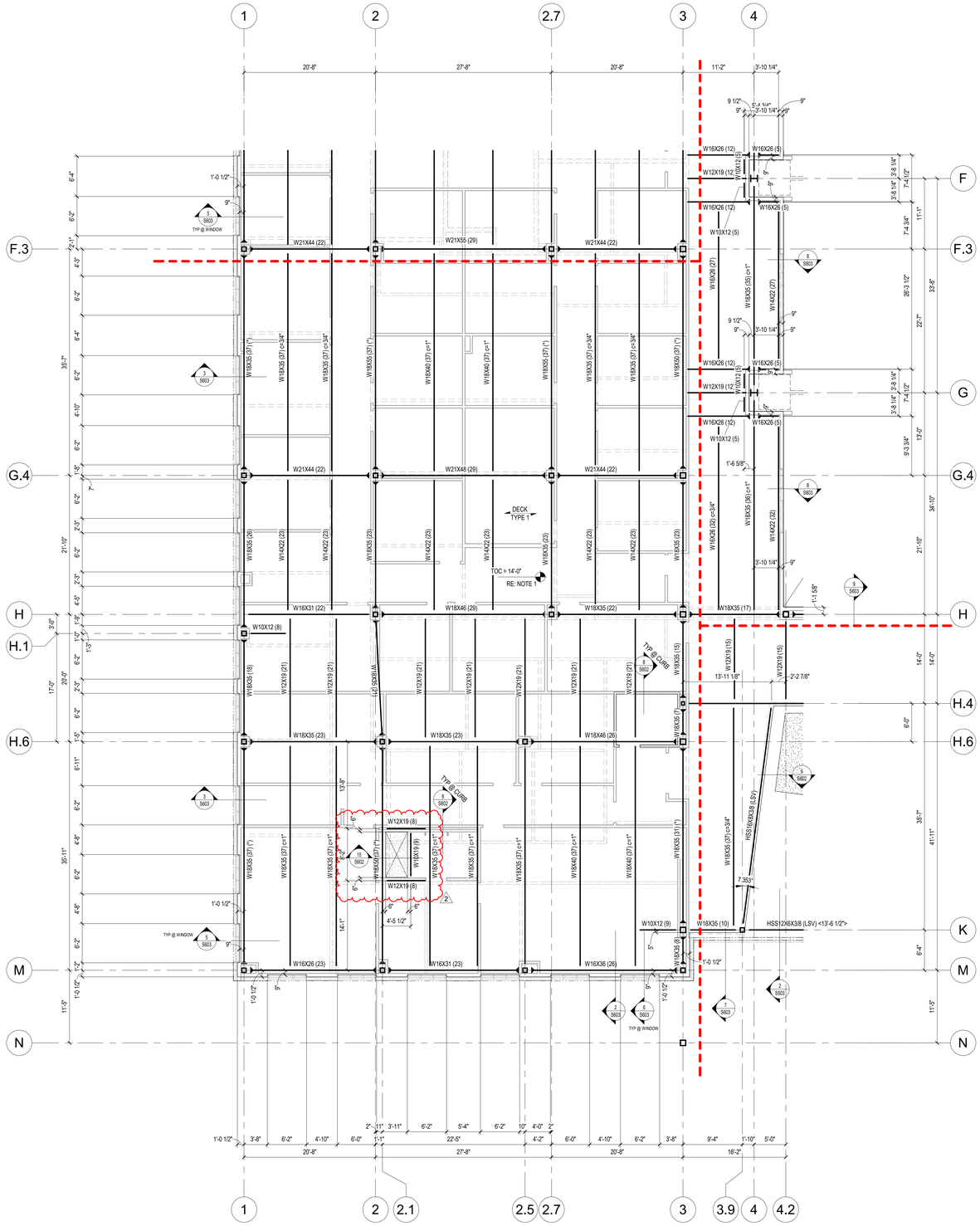

1 SECOND FLOOR FRAMING PLAN - AREA B
1/8" = 1'-0"

STEEL ROOF FRAMING NOTES:

1. ALL ELEVATIONS ARE RELATIVE TO DATUM ELEVATION.
2. " DECK TYPE 2 " (EXAMPLE) INDICATES ROOF DECK SPAN DIRECTION AND DECK TYPE 2. TOS ELEVATION AT ROOF DECKS ARE AT BOD, TYP. UON. FOR DECK TYPE INFORMATION "STRUCTURAL STEEL" GENERAL NOTES.
3. COORDINATE LOCATIONS AND SIZES OF ALL CHASES AND PENETRATIONS WITH MEP. COORDINATE EXACT LOCATION OF ALL MEP UNITS WITH MEP. FOR FRAMING AROUND ROOF OPENINGS **RE: 8 / S701**
4. FOR ELEVATOR SUPPORT DETAILS **RE: 5 / S502 RE: 6 / S502**
5. PIPE RUN LOCATIONS TO BE SUPPORTED BY THE JOIST MANUFACTER NOT SHOWN FOR CLARITY. JOIST MANUFACTERER AND G.C. TO TO COORDINATE FINAL PIPE RUN LOCATIONS WITH MEP DRAWINGS FOR ADDITIONAL INFORMATION **RE: 16 / S701 RE: 17 / S701**
6. PROVIDE MID-SPAN BEAM BRACING AT ALL BEAMS DENOTED WITH (*). SIM TO DETAIL 15/TS01.
7. PROVIDE THIRD SPAN BEAM BRACING AT ALL BEAMS DENOTED WITH (**). SIM TO DETAI 15/S701

COMPOSITE DECK FRAMING NOTES:

1. ALL ELEVATIONS ARE RELATIVE TO DATUM ELEVATION.
2. " DECK TYPE 1 " INDICATES COMPOSITE DECK SPAN DIRECTION. T.O.S. ELEVATION AT COMPOSITE DECK IS 5 1/2" BELOW T.O. CONCRETE, TYP UON. FOR DECK TYPE INFORMATION "STRUCTURAL STEEL" GENERAL NOTES .
3. COORDINATE LOCATIONS AND SIZES OF ALL CHASES AND PENETRATIONS WITH MEP. FOR TYPICAL FRAMING AROUND COMPOSITE DECK OPENINGS **RE: 2 / S601 RE: 3 / S601 RE: 4 / S601**
4. FOR ELEVATOR SUPPORT DETAILS **RE: 5 / S502 , RE: 6 / S502**
5. GRAPHICAL CURBS SHOWN BASED ON ARCH COORDINATION. GC TO VERIFY ALL CONCRETE CURB LOCATIONS/DIMENSIONS WITH LATEST ARCH. DRAWINGS. FOR TYPICAL CONCRETE CURB DETAIL AT COMPOSITE DECKS **RE: 8 / S602**
6. PROVIDE MID SPAN BRACING AT ALL BEAM DENOTED WITH (*). SIM TO DETAIL 1/S603.
7. PROVIDE THIRD SPAN BRACING AT ALL BEAMS DENOTED WITH (**). SIM TO DETAIL 1/S603.
8. GC TO PROVIDE A HOUSEKEEPING PAD UNDER ALL MECHANICAL UNITS. FOR TYPICAL HOUSEKEEPING PAD DETAIL, RE: 12/S401
9. PROVIDE REINFORCING AT ALL RE-ENTRANT CORNERS **RE: 14 / S602**

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05/29/2025

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SECOND FLOOR FRAMING PLAN - AREA B

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

PROJECT MANAGER	DESIGNER
LMM	RHW

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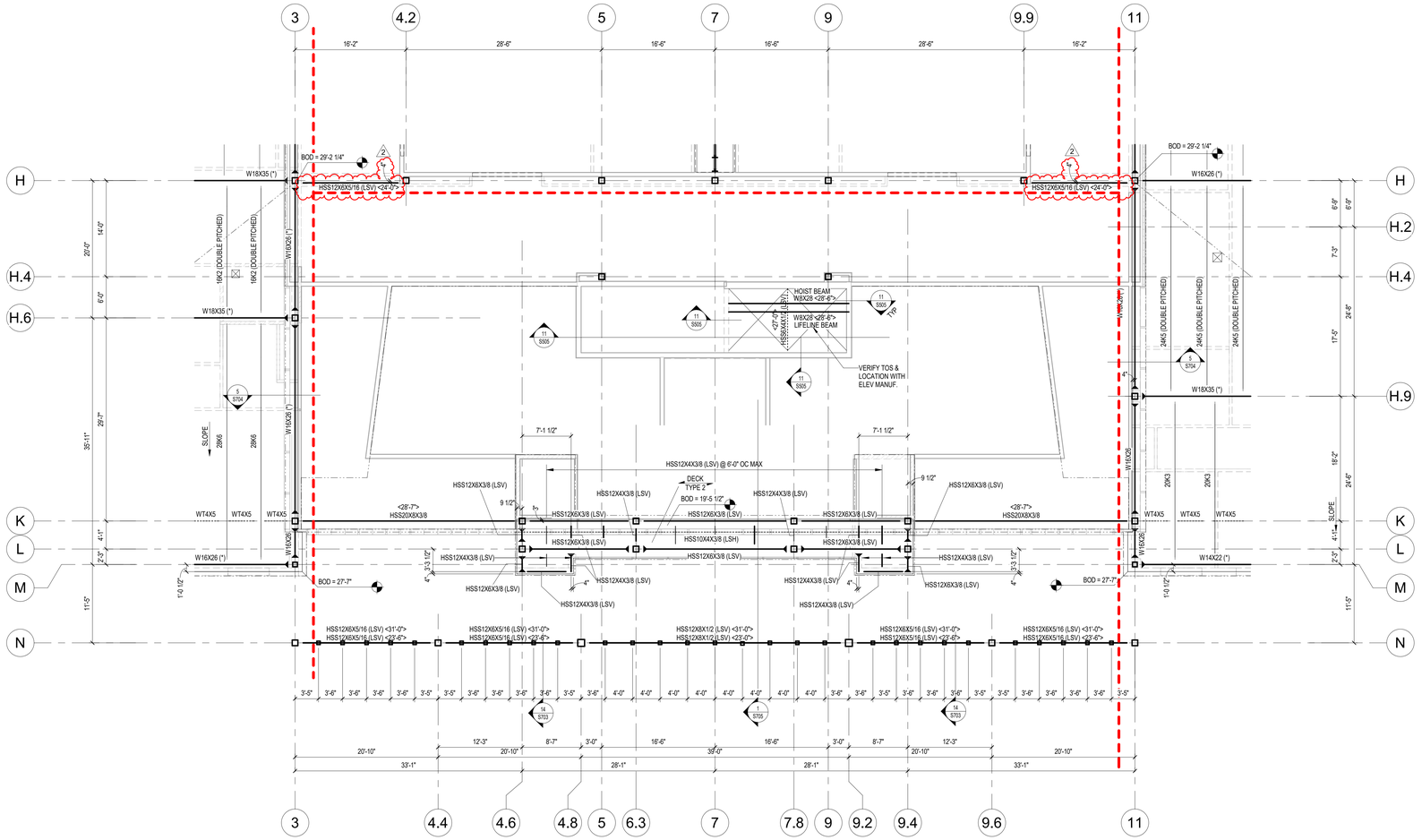

1 ROOF FRAMING PLAN - AREA A
1/8" = 1'-0"

STEEL ROOF FRAMING NOTES:

1. ALL ELEVATIONS ARE RELATIVE TO DATUM ELEVATION.
2. * DECK TYPE 2 * (EXAMPLE) INDICATES ROOF DECK SPAN DIRECTION AND DECK TYPE 2. TOS ELEVATION AT ROOF DECKS ARE AT BOD, TYP. U.O.N. FOR DECK TYPE INFORMATION "STRUCTURAL STEEL" GENERAL NOTES.
3. COORDINATE LOCATIONS AND SIZES OF ALL CHASES AND PENETRATIONS WITH MEP. COORDINATE EXACT LOCATION OF ALL MEP UNITS WITH MEP. FOR FRAMING AROUND ROOF OPENINGS **RE: 8 / S701**
4. FOR ELEVATOR SUPPORT DETAILS **RE: 5 / S502 RE: 6 / S502**
5. PIPE RUN LOCATIONS TO BE SUPPORTED BY THE JOIST MANUFACTER NOT SHOWN FOR CLARITY. JOIST MANUFACTERER AND G.C. TO TO COORDINATE FINAL PIPE RUN LOCATIONS WITH MEP DRAWINGS FOR ADDITIONAL INFORMATION **RE: 16 / S701 RE: 17 / S701**
6. PROVIDE MID-SPAN BEAM BRACING AT ALL BEAMS DENOTED WITH (*). SIM TO DETAIL 15/TS01.
7. PROVIDE THIRD SPAN BEAM BRACING AT ALL BEAMS DENOTED WITH (**). SIM TO DETAI 15/S701

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ROOF FRAMING PLAN - AREA A

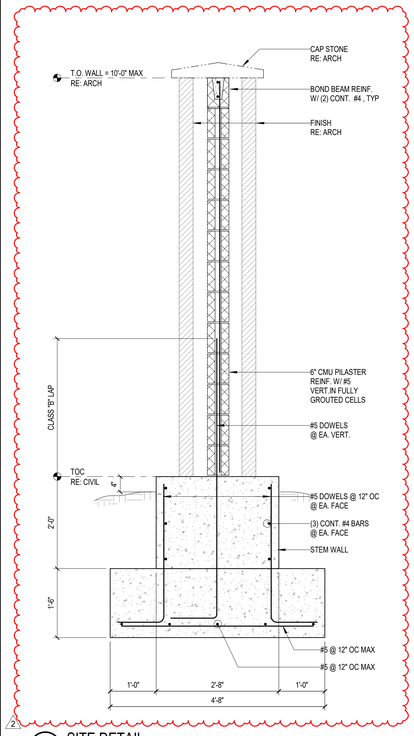
ISSUED FOR: BID	
PERMIT	--/--/----
BID	05/08/2025
CONSTRUCTION	--/--/----
RECORD	--/--/----

PROJECT MANAGER	DESIGNER
LMM	RHW

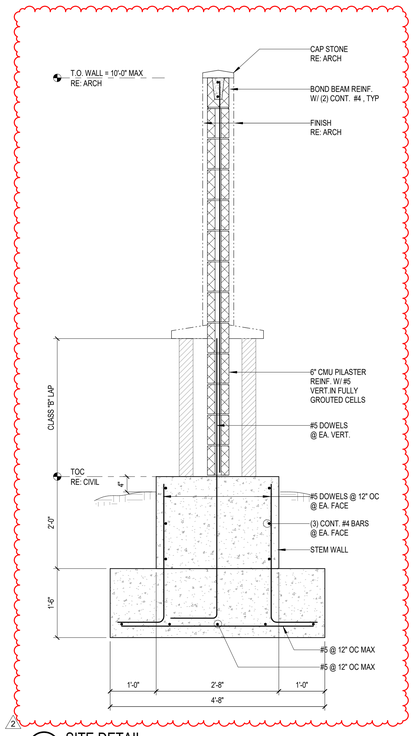
JOB NO.
2023159.00

S203A

6/2/2025 2:45:52 PM



1 SITE DETAIL
3/4" = 1'-0"



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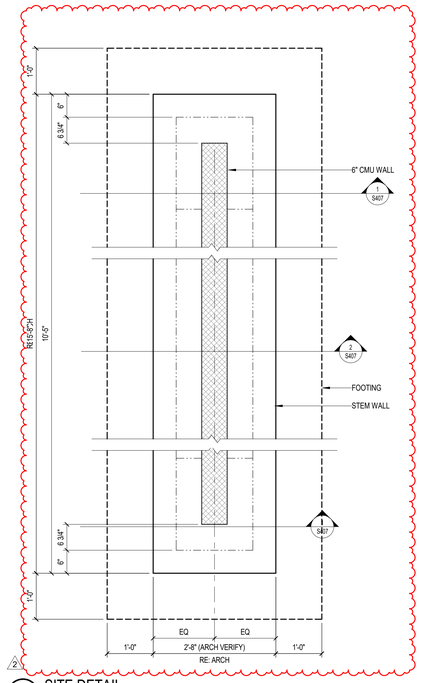
3/4" = 1'-0"



3 SITE DETAIL
3/4" = 1'-0"

Dally
+ ASSOCIATES
STRUCTURAL | CIVIL
9800 Richmond Avenue, Suite 600
Houston, Texas 77042
t 713.337.8881
Texas Registered Engineering Firm
F-003426

D+A PROJECT # 24-071-00

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

CONSULTANTS:

Civil Engineers:
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Landscaping:
Mary L. Goldsby Associates

Structural Engineers:
Dally + Associates, Inc.

MEPT Engineers:
Salas O'Brien

REV.	DATE	DESCRIPTION
2	05/08/2025 05/29/2025	ISSUE FOR BID Addendum #2

FRED DALLY
90904
05/29/2025

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

MONUMENT SIGN DETAILS

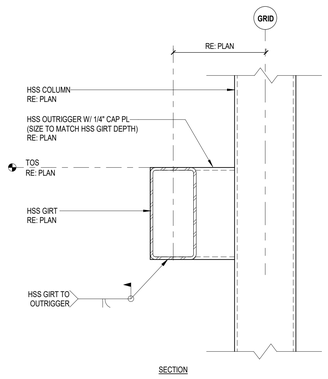
ISSUED FOR: BID	
PERMIT	--/--/----
BID	05/08/2025
CONSTRUCTION	--/--/----
RECORD	--/--/----

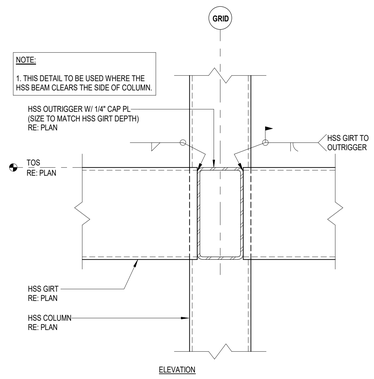
PROJECT MANAGER	DESIGNER
LMM	RHW

JOB NO.
2023159.00

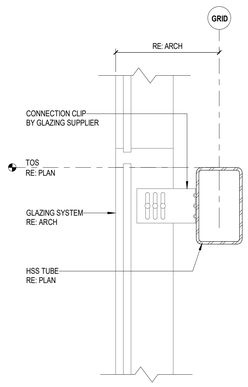
S407

6/2/2025 2:45:53 PM





1 TYP. HSS DETAIL
1 1/2" = 1'-0"



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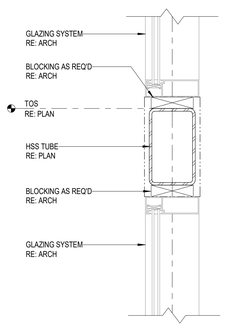
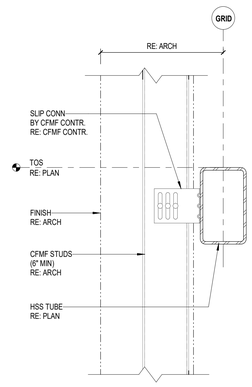
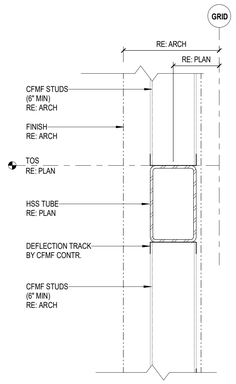


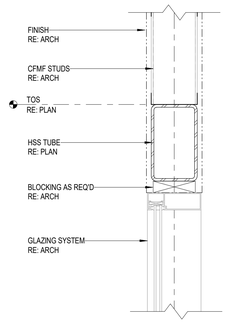
3 TYP. HSS DETAIL
1 1/2" = 1'-0"



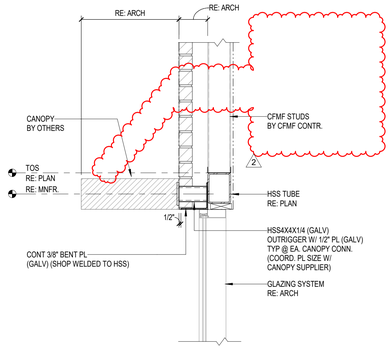
4 TYP. HSS DETAIL
1 1/2" = 1'-0"



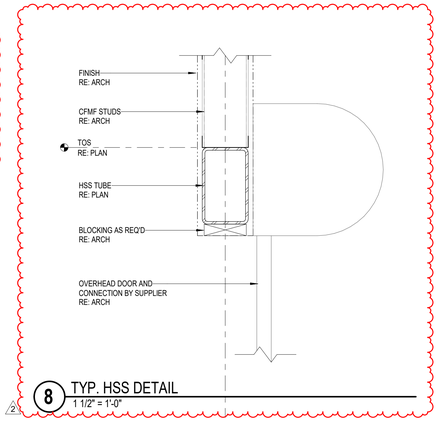
5 TYP. HSS DETAIL
1 1/2" = 1'-0"



6 TYP. HSS DETAIL
1 1/2" = 1'-0"



7 TYP. HSS DETAIL
3/4" = 1'-0"



8 TYP. HSS DETAIL
1 1/2" = 1'-0"

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D+A PROJECT # 24-071-00

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FRED DALLY
90904
05/29/2025

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

TYPICAL HSS DETAILS

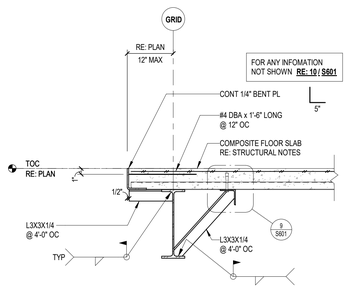
ISSUED FOR: BID	
PERMIT	--/--/----
BID	05/08/2025
CONSTRUCTION	--/--/----
RECORD	--/--/----

PROJECT MANAGER	DESIGNER
LMM	RHW

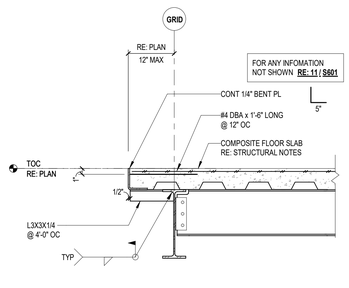
JOB NO.
2023159.00

S503

6/2/2025 2:45:53 PM



1 TYP. COMPOSITE DETAIL
3/4" = 1'-0"



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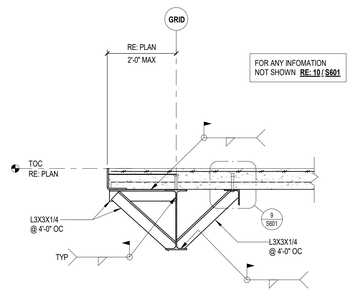
3/4" = 1'-0"



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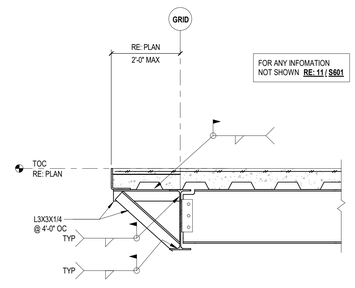
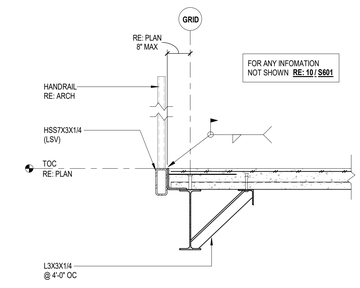
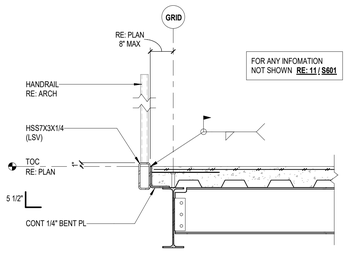
3/4" = 1'-0"



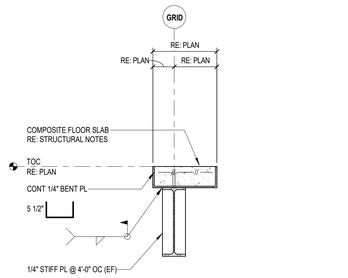
4 TYP. COMPOSITE DETAIL
3/4" = 1'-0"



5 TYP. COMPOSITE DETAIL
3/4" = 1'-0"



6 TYP. COMPOSITE DETAIL
3/4" = 1'-0"



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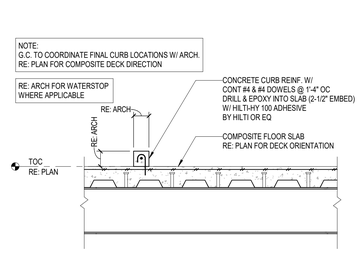

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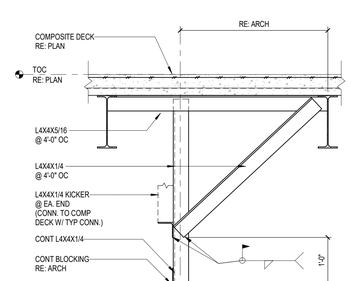
3/4" = 1'-0"



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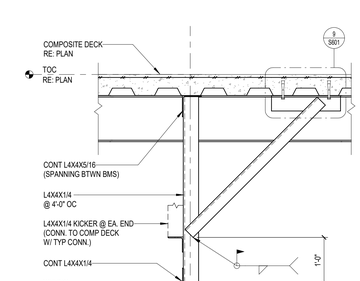

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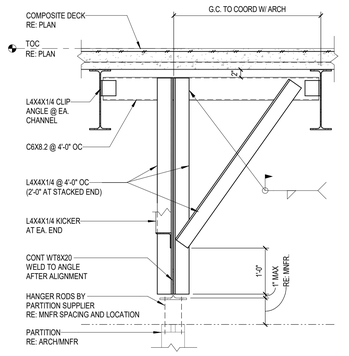

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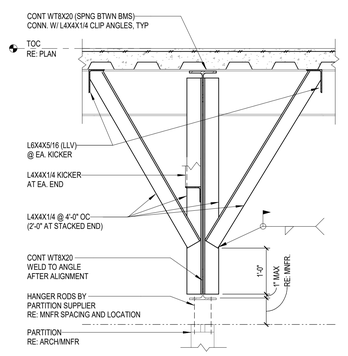
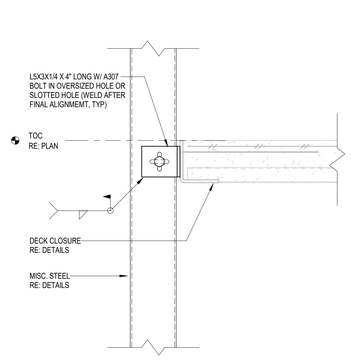
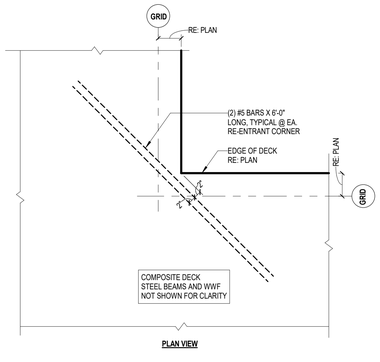
3/4" = 1'-0"



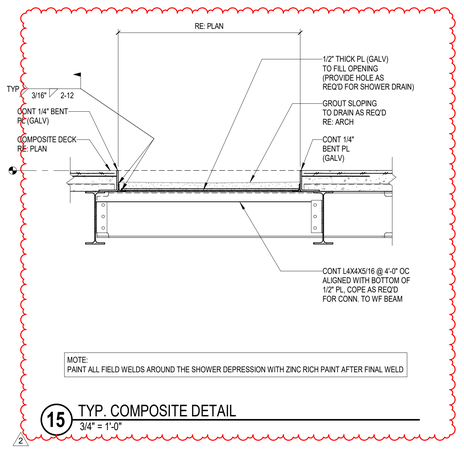
12 TYP. COMPOSITE DETAIL
3/4" = 1'-0"



13 TYP. COMPOSITE DETAIL
1 1/2" = 1'-0"



14 TYPICAL RE-ENTRANT CORNER REINF.
3/4" = 1'-0"



15 TYP. COMPOSITE DETAIL
3/4" = 1'-0"

Dally + ASSOCIATES STRUCTURAL | CIVIL
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t 713.337.8881
Texas Registered Engineering Firm F-003426

D+A PROJECT # 24-071-00

GPD GROUP
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Houston, TX 77056
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REV.	DATE	DESCRIPTION
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FRED DALLY 90904

05/29/2025

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

TYPICAL COMPOSITE DECK DETAILS

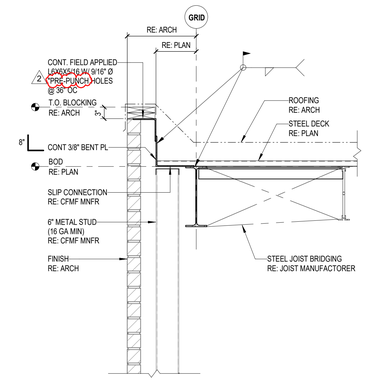
ISSUED FOR: BID	
PERMIT	--/--/----
BID	05/08/2025
CONSTRUCTION	--/--/----
RECORD	--/--/----

PROJECT MANAGER	DESIGNER
LMM	RHW

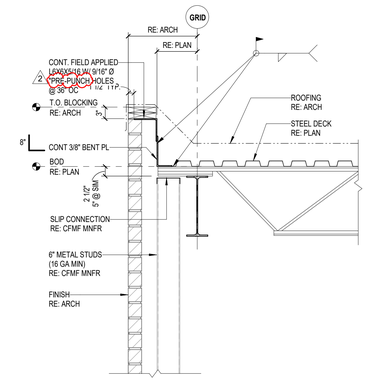
JOB NO.
2023159.00

S602

6/2/2025 2:45:56 PM



1 STEEL ROOF SECTION
3/4" = 1'-0"



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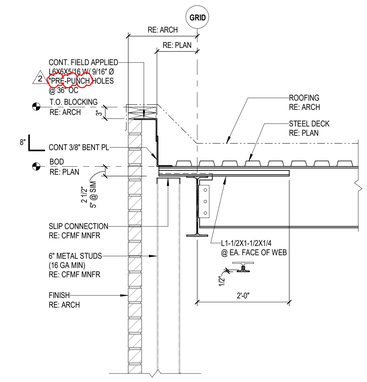

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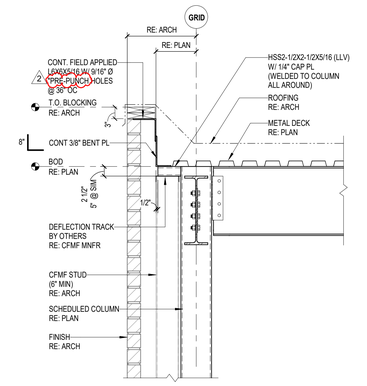
3/4" = 1'-0"



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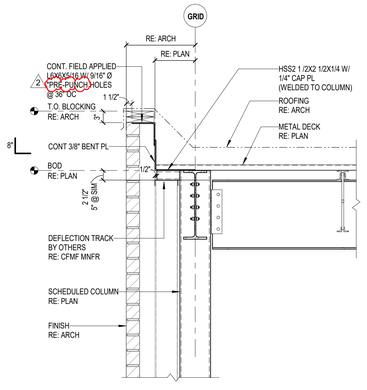
3/4" = 1'-0"



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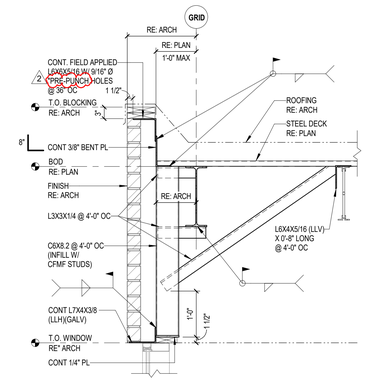
3/4" = 1'-0"



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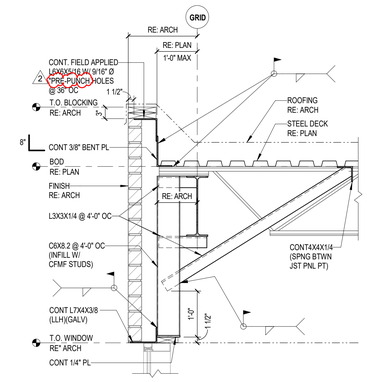

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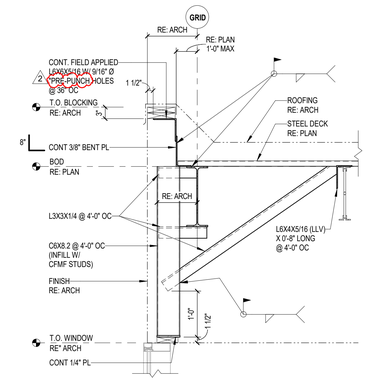
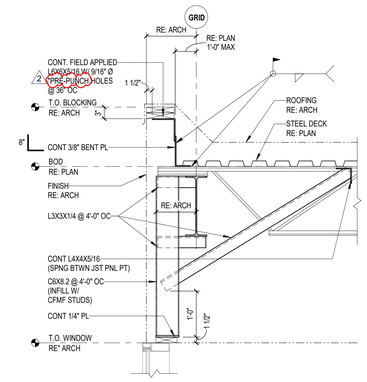
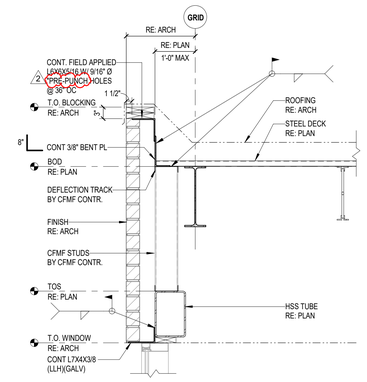


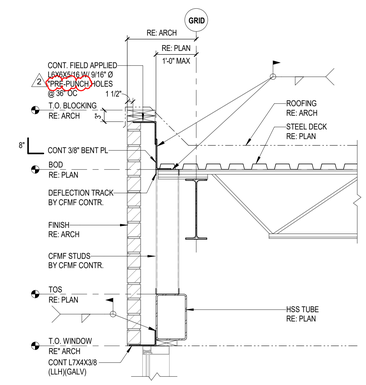
8 STEEL ROOF SECTION
3/4" = 1'-0"



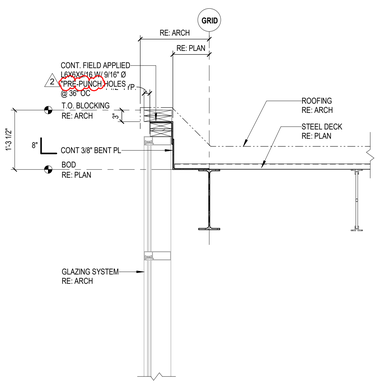
9 STEEL ROOF SECTION
3/4" = 1'-0"



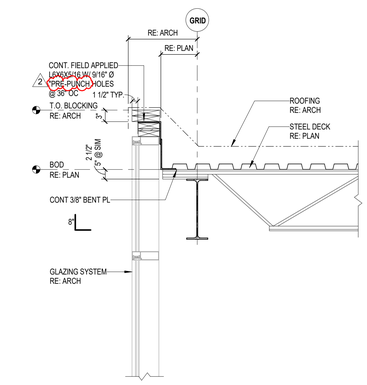
10 STEEL ROOF SECTION
3/4" = 1'-0"



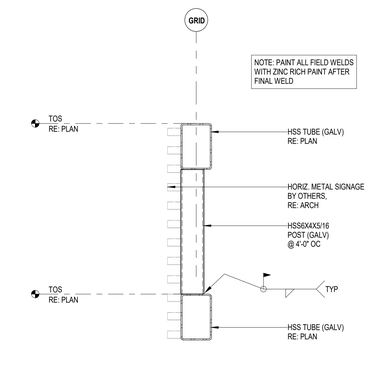
11 STEEL ROOF SECTION
3/4" = 1'-0"



12 STEEL ROOF SECTION
3/4" = 1'-0"



13 STEEL ROOF SECTION
3/4" = 1'-0"



14 STEEL ROOF SECTION
3/4" = 1'-0"

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REGISTERED PROFESSIONAL ENGINEER
FRED DALLY
90904
STATE OF TEXAS
05/29/2025

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

STEEL ROOF (OVERFLOW)

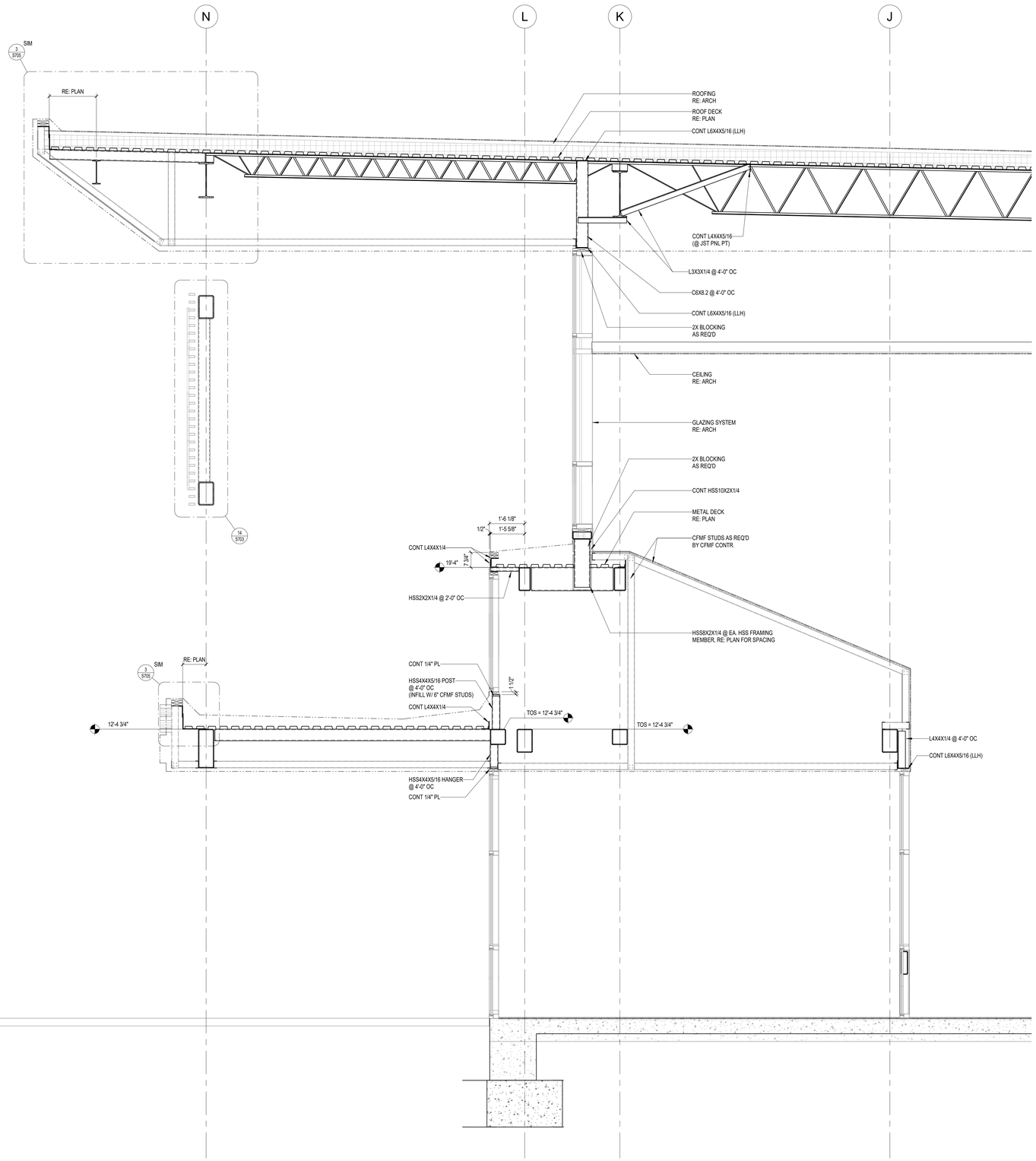
ISSUED FOR: BID	
PERMIT	--/--/----
BID	05/08/2025
CONSTRUCTION	--/--/----
RECORD	--/--/----

PROJECT MANAGER	DESIGNER
LMM	RHW

JOB NO.
2023159.00

S703

6/2/2025 2:45:59 PM



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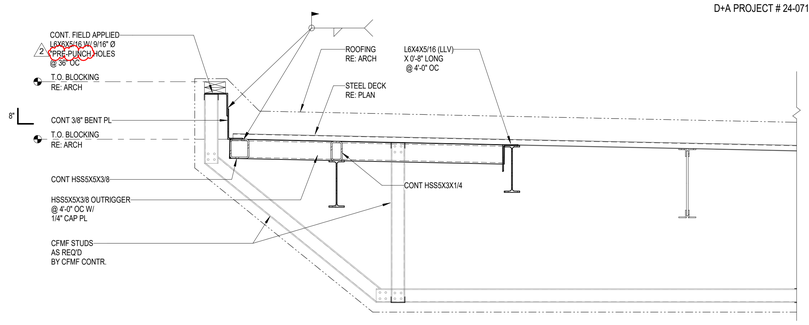
1/2" = 1'-0"



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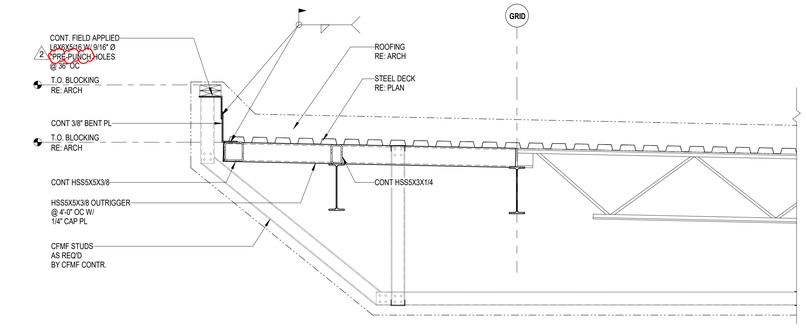
3/4" = 1'-0"



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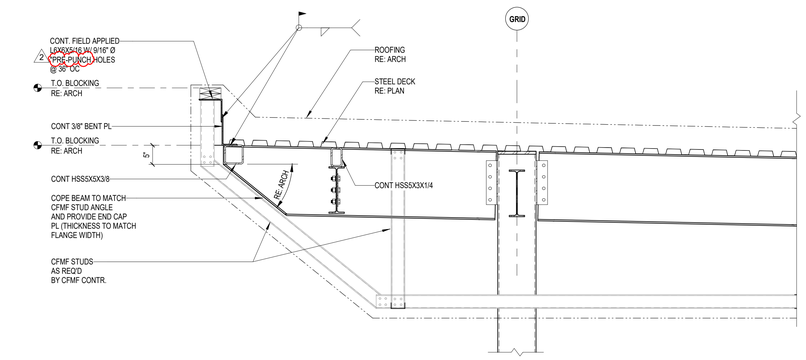
3/4" = 1'-0"



4 STEEL ROOF SECTION
3/4" = 1'-0"

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F-003426

D+A PROJECT # 24-071-00

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Professional Corporation
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Houston, TX 77056
713.622.1448 Fax:713.622.1455

CONSULTANTS:

Civil Engineers:
Dally & Associates, Inc.

Landscaping:
Mary L. Goldsby Associates

Structural Engineers:
Dally + Associates, Inc.

MEPT Engineers:
Salas O'Brien

REV.	DATE	DESCRIPTION
2	05/08/2025 05/29/2025	ISSUE FOR BID Addendum #2

FRED DALLY
90904
LICENSED
PROFESSIONAL
ENGINEER
05/29/2025

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

ENTRY SECTION

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

PROJECT MANAGER	DESIGNER
LMM	RHW

JOB NO.
2023159.00

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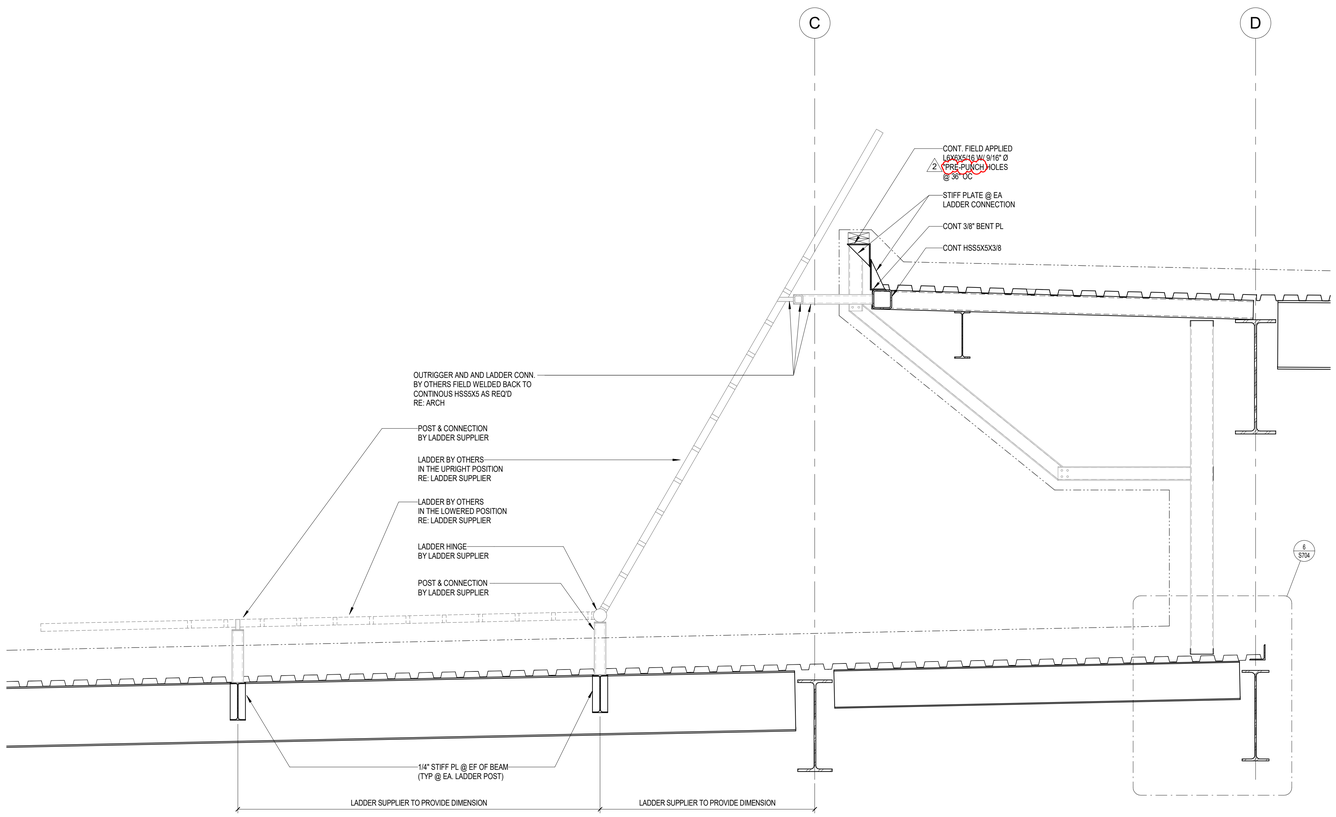

1 SECTION
3/4" = 1'-0"

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STATE OF TEXAS
FRED DALLY
90904
REGISTERED
PROFESSIONAL
ENGINEER
05/29/2025

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

LADDER SECTION

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

PROJECT MANAGER	DESIGNER
LMM	RHW

JOB NO.
2023159.00

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Salas O'Brien

May 30, 2025

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

Subj.: Addendum #2

05/30/2025

INFORMATIONAL

1. Contractor submitted questions:
   a. Are all the access controlled door hardware, including bolts, required mounting hardware/strikes, purchase by Div 08, and provided to Div 28, for Div 28 to install? Will that void the warranty of the door hardware, purchased by others? Or Does Div 08 install all the door hardware and Div 28 wire in all connections to the access control system?
   Answer: Equipment shall be installed by contractor that provides equipment.
   b. Are any RS2 licenses needed for additional SCP's?
   Answer: Authorized system distributor shall provide all necessary license for a complete and functional system.
   The Life Safety Enclosure provide power for doors. Is an additional Assa Abloy power supply still required above the door as listed in the specs?
   Answer: No
   c. The specs state to provide 200 HID iClass 202x credentials. Can you provide the whole part number NCISD uses?
   Answer: Credentials are owner furnished.
   d. The plans call for a DS (door station) and MS (master station) but is not listed in the specs. Can you provide the make and model for this project? Does these fall under Div 28 20 00? Will additional camera license be require?
   Answer: Reference re-issued specifications for part numbers. Provide licenses as required for integration with VMS and any other network component for a fully functional system
   e. The specs list the VMS as "Video Insight" . Is this VMS what the district uses?
   Answer: VMS shall be Digital Watchdog
   f. RFI #1, Item #1 – Electronic Drawing Files: Specification Section 274116 does not mention the provision of electronic drawing files to the successful AV Contractor for use in submittals. Please clarify if electronic CAD files will be provided to the successful AV Contractor for use in submittals. Please clarify the amount of any fees, if applicable, required to obtain these electronic drawing files
   Answer: CAD drawings will be provided to successful bidder after signing a release form.
   g. RFI #1, Item #2 – Wireless Mic Receivers: Drawing T-407 details 11 Shure QLXD124/85 mic receivers and 7 Shure QLXD24/SM58 mic receivers to be used in the training rooms. Specification Section 274116 schedules 9 of each type of mic receiver for the training rooms. Please confirm the correct quantities of wireless mic receivers to be used in the training rooms
   Answer: Provide (9) mic receivers of each.
   h. RFI #1, Item #3 – Digital Signal Processor: Specification Section 274116, item 2.1A indicates the AV systems contractor is to provide a QSC Core 110F Digital Signal Processor. QSC will be moving the Core 110F Digital Signal Processor to EOL and will be replacing it with the QSC Core 24F. Please specify that the QSC Core 24F will be an acceptable alternative. If not, please indicate a desired replacement model.
   Answer: CORE 24F is an acceptable replacement.

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SPECIFICATIONS

1. SECTION 27 41 16.20 - AUDIO AND VIDEO DISTRIBUTION SYSTEMS FOR SPECIAL VENUES
   a. To Paragraph 2.1 'TRAINING ROOMS G101-G109 – AUDIO AND VIDEO DISTRIBUTION': Revised DSP part number from Core 110F to Core 24F

2. SECTION 28 10 00 - ELECTRONIC ACCESS CONTROL SYSTEM
   a. Reissue section in its entirety

3. SECTION 28 20 00 - VIDEO SURVEILLANCE SYSTEM (VSS)
   a. To Paragraph 2.1 'Manufacturers', article A: Revised VMS from Video Insight to Digital Watchdog
   b. To Paragraph 2.09, Article B: Revised camera types D, E resolution from 4MP to 4K.

CHANGES TO THE DRAWINGS

1. SHEET M-115-E2 MECHANICAL SECOND FLOOR AREA – E2
   a. Revise medium pressure supply ductwork located in Corridor G200D leading into Mech/Elec Room E201 to "40/28".

2. SHEET M-202 MECHANICAL ENLARGED PLANS
   a. View #4: Revise medium pressure supply ductwork from AHU-6 to "40/28".

3. SHEET E-206 – D2 – ELETRICAL POWER FIRST FLOOR AREA – D1
   a. Revise electrical circuit to all receptacles in Admin Support Room D147 to read LA-38.

4. SHEET E-502 – ELETRICAL PANEL SCHEDULES
   a. Panel LA, provide new branch circuit 66, 20A/1P with #12 awg.

5. SHEET P-115-E1 – PLUMBING FIRST FLOOR AREA – E1
   a. Add Keyed Note #20. Note to read: "PROVIDE FLUSH VALVE TRAP PRIMER FOR TRAP SEAL PROTECTION FROM MENS RR E114, RE: P-202".
   b. Add Keyed Note #20 to 4"FD-3 located in Breakroom E108.
   c. Add 3"FS-1 fixture tag to floor sink dedicated to ice machine located in Breakroom E100.

REISSUED DRAWING SHEETS

1. SHEET M-103 – B1 – MECHANICAL FIRST FLOOR AREA – B1
   a. Add 12/10 ducted return air transfer boot to Executive Director B109.

2. SHEET M-105 – D1 – MECHANICAL FIRST FLOOR AREA – D1
   a. Revise mechanical ductwork and air device layout per architectural update.

3. SHEET M-109 – G1 – MECHANICAL FIRST FLOOR AREA – G1
   a. Add Mark C, return air grille to Storage G101A & AV Storage G102A
   b. Show Mark A, supply grille to Storage G101A & AV Storage G102A

4. SHEET M-117 – G2 – MECHANICAL SECOND FLOOR AREA – G2
   a. Revise ductwork layout to Training Rooms. Refer to sheet for revisions.

5. SHEET M-501 – MECHANICAL SCHEDULES
   a. Variable Volume Terminal Box Schedule: Revise boxes VAV-2-9 thru VAV-2-12. Refer to sheet.
   b. Constant Volume Terminal Box Schedule: Revise boxes CVB-6-1 thru CVB-6-9. Refer to sheet.

c. Air Handling Unit Schedule: Revise AHU-4 performance data. Refer to sheet.
d. Ductless Mini Split – Outdoor Unit Schedule: Revise capacities to match Indoor Unit Schedule.
e. Grille Schedule: Add remark #1: NO FACE MOUNTED OPPOSED BLADE DAMPER.

6. SHEET E-105 – D1 – ELECTICAL FIRST FLOOR AREA – D1
   a. Revise electrical lighting layout per architectural update.

7. SHEET E-205 – D1 – ELETRICAL POWER FIRST FLOOR AREA – D1
   a. Revise electrical power layout per architectural update.

8. SHEET E-210 – A2 ELECTRICAL POWER SECOND FLOOR AREA -A2
   a. Add power and keyed switched to overhead security doors at Corridors G200A & G200E.

9. SHEET E-505 – ELECTRICAL PANEL SCHEDULES
   a. Panel ELA, add new branch circuits for over security doors.
   b. Panel ELA, revise space slots to spare circuits.

10. SHEET P-202 – PLUMBING ENLARGED PLANS
    a. Add key notes 54-58 for clarity.

11. SHEET T-100-2 - TECHNOLOGY ENLARGED SITE PLAN
    a. Revised clouded camera type.
    b. Revised clouded camera mounting note.

12. SHEET T-103-A1 - TECHNOLOGY FIRST FLOOR AREA - A1
    a. Revised wireless access point ‘AP’ layout as shown.

13. SHEET T-104-B1 - TECHNOLOGY FIRST FLOOR AREA - B1
    a. Added (3) motion sensors.
    b. Revised wireless access point ‘AP’ layout as shown.

14. SHEET T-105-C1 - TECHNOLOGY FIRST FLOOR AREA - C1
    a. Revised wireless access point ‘AP’ layout as shown.

15. SHEET T-106-D1 - TECHNOLOGY FIRST FLOOR AREA - D1
    a. Revised wireless access point ‘AP’ layout as shown.
    b. Revised the building north, clouded area layout to accommodate to architectural changes.
    c. Added (1) single sensor camera as shown.

16. SHEET T-107-D1-2 - TECHNOLOGY FIRST FLOOR AREA - D1-2
    a. Revised wireless access point ‘AP’ layout as shown.

17. SHEET T-108-E1 - TECHNOLOGY FIRST FLOOR AREA – E1
    a. Revised wireless access point ‘AP’ layout as shown.

18. SHEET T-109-F1 - TECHNOLOGY FIRST FLOOR AREA – F1
    a. Revised wireless access point ‘AP’ layout as shown.

19. SHEET T-110-G1 - TECHNOLOGY FIRST FLOOR AREA – G1
    a. Revised wireless access point ‘AP’ layout as shown.
    b. Added (1) dual lens camera as shown.

20. SHEET T-111-A2 - TECHNOLOGY SECOND FLOOR AREA - A2
    a. Revised wireless access point ‘AP’ layout as shown.

21. SHEET T-112-B2 - TECHNOLOGY SECOND FLOOR AREA - B2
    a. Revised wireless access point ‘AP’ layout as shown.

22. SHEET T-113-C2 - TECHNOLOGY SECOND FLOOR AREA - C2
    a. Revised wireless access point ‘AP’ layout as shown.

23. SHEET T-114-D2 - TECHNOLOGY SECOND FLOOR AREA - D2
    a. Revised wireless access point ‘AP’ layout as shown.
    b. Added blank outlet ‘B’ as shown.

24. SHEET T-115-D2.2 - TECHNOLOGY SECOND FLOOR AREA - D2.2
    a. Revised wireless access point ‘AP’ layout as shown.

25. SHEET T-116-E2 - TECHNOLOGY SECOND FLOOR AREA – E2
    a. Revised wireless access point ‘AP’ layout as shown.

26. SHEET T-117-F2 - TECHNOLOGY SECOND FLOOR AREA – F2
    a. Revised wireless access point ‘AP’ layout as shown.

27. SHEET T-118-G2 - TECHNOLOGY SECOND FLOOR AREA – G2
    a. Revised wireless access point ‘AP’ layout as shown.

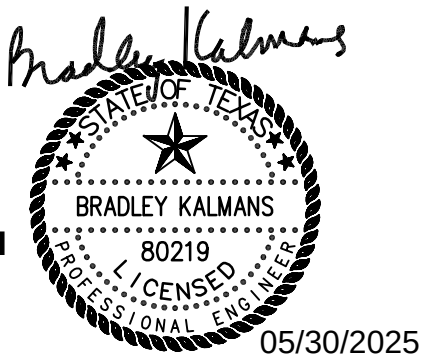
28. SHEET T-202 - TECHNOLOGY OVERALL FIRE ALARM PLAN - LEVEL 2
    a. Revised smoke detectors layout at training rooms as shown.

29. SHEET T-407 - TECHNOLOGY SCHEMATIC DESIGN
    a. Revised wireless microphone part numbers as shown.

NEW DRAWING SHEETS

N/A

END OF ADDENDUM #2



05/30/2025

SECTION 28 10 00

ELECTRONIC ACCESS CONTROL SYSTEM

1 GENERAL

1.1 WORK INCLUDED

A. The contractor shall furnish and install a complete microprocessor-based access control system as specified herein. The system shall include, but not be limited to, all control equipment, signal initiating and signaling devices, door hardware, conduit, wire, fittings, labor and all other accessories required to provide a fully functioning system.

1.2 CODES AND STANDARDS

The system shall comply with the applicable Codes and Standards as follows:

A. National Fire Protection Association Standards:
   1. NFPA 70 National Electric Code
   2. NFPA 72 National Fire Alarm Code
   3. NFPA 101 Life Safety Code

B. Local & State Building Codes

C. Requirements of Local Authorities having Jurisdiction

D. Underwriters Laboratory Requirements and Listings for use in Security Alarm Systems.

E. Requirements of American Disabilities Act (Public law 101-336).

F. Texas Accessibility Standards (T.A.S.)

G. State Fire Marshall.

H. Texas Insurance Code.

1.3 RELATED WORK

A. Division 08 - Door Hardware

1.4 DEFINITIONS

A. ACS – Access Control System
B. CSA – Client Software Application
C. DGM – Dynamic Graphical Maps
D. ALPR – License Plate Recognition
E. SDK – Software Development Kit
F. SMA – Software Maintenance Agreement
G. SSM – Server Software Module
H. UI – User Interface
I. USP – Unified Security Platform
J. USW – Unified Web Client
K. VMS – Video Management System
L. DVS – Digital Video Server

1.5 QUALITY ASSURANCE

A. Contractor Qualifications:
   1. The installing contractor shall be the authorized representative of the access control system manufacturer to sell, install, and service the proposed manufacturer's equipment. The installing contractor shall have represented the security alarm manufacturer's product for at least two years.
   2. The installing contractor shall be licensed by the State of Texas as a security services contractor to design, sell, install, and service security alarm systems.
   3. The installing contractor shall provide 24 hours, 365 day per year emergency service with factory trained service technicians.
   4. The installing contractor shall have personnel on their staff that has been actively engaged in the business of designing, selling, installing, and servicing security alarm systems for at least ten (10) years.

B. The system programmer shall have attended manufacturer training and obtained certification in RS2.

C. Optionally, the system programmer shall have attended manufacturer training and obtained certification in RS2.

D. The system programmer shall be a RS2 certified partner.

E. All Contractors shall submit to the Owner prior to starting any work the factory training certificates for all personnel that will be working on the access control system. No person is allowed to work on the system without proper manufacturer's certification.

1.6 SUBMITTALS

A. The installing contractor and/or equipment supplier shall provide complete and detailed shop drawings and include:
   1. Control panel wiring and interconnection schematics.
   2. Complete point to point wiring diagrams.
   3. Riser diagrams.
   4. Complete floor plan drawings locating all system devices.
   5. Factory data sheets on each piece of equipment proposed.
   6. Detailed system operational description. Any specification differences and deviations shall be clearly noted and marked.
   7. Complete system bill of material.
   8. Line by line specification review stating compliance or deviation.

B. All submittal data will be in bound form with Contractor's name, supplier's name, project name, and state security license number adequately identified.

2 PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

A. Head-End/Software
   1. RS2 Enterprise

B. Controllers
   1. Mercury

C. Card Readers
   1. HID

D. Security Devices
   1. Door Position Switch - 1076DN

E. Door Station
   1. AIPHONE

F. Wiring
   1. Belden
   2. Lake Cable
   3. Windy City Wire
   4. Approved Equal

2.2 PERFORMANCE REQUIREMENTS

A. Controllers:
   1. MP1502 Intelligent Controllers
   2. MR52 Reader Interface Panel
   3. MR-16 Multi-Device Interface Panel

B. Card Readers
   1. Multi-Frequency Authentication Capable
   2. Wiegand interface
   3. Standard Card Reader: Signo-40
   4. Mullion Mount Reader: Signo-20
   5. Arming Reader: Signo-40, Cream color
      a. STI-6520-S Reader Cover, Smoke Color

C. Power Supply
   1. LifeSafety Power Supplies

D. Door/Master Station
   1. Door Station: IX-DVF
   2. Master Station: IX-MV7-HB

D. Wiring
   1. Plenum rated multi-conductor composite cable
   2. Minimum of 18 AWG
   3. Shall be yellow

3 EXECUTION

3.1 GENERAL

A. The contractor shall have furnished and installed a complete microprocessor based access control system as specified herein. The system shall include, but not be limited to, all control equipment, power circuits, signal initiating and signaling devices, door hardware,

conduit, wire, fittings, labor and all other accessories required to provide a fully functioning system.

3.2 HARDWARE INSTALLATION

A. General

1. Provide mock-up of a typical entry door, complete with conduit, outlet boxes, cables and access control devices prior to installation.
2. All security conduit as required for a complete installation of this system shall be provided as specified in Division 26.
3. Coordination with the Division 26 is the responsibility of the Security Contractor to ensure all conduit is in place for a complete installation.
4. All door hardware to be coordinated with Division 08, reference Division 08 for hardware requirements.
5. All electrified hardware, as specified in Division 08 shall be installed by Division 28.
6. Provide and install Assa Abloy power supply at each door location, each power supply have battery backup.

B. Wiring/Conduit

1. All wiring shall be in accordance with the National Electrical Code, Local Codes, and article 760 of NFPA Standard 70. All wiring sizes shall conform to recommendations of the equipment manufacturer, and as indicated on the engineered shop drawings.
2. All wire shall be UL Listed CL2 for limited energy (300V) applications and shall be installed in conduit. Limited energy MPP wire may be run open in return air ceiling plenums provided such wire is UL Listed for such applications and is of the low smoke producing fluorocarbon type and complies with NEC Article 760 if so approved by the local authority having jurisdiction.
3. No AC wiring or any other wiring shall be run in the same conduit as security alarm wiring.
4. All wire shall be installed in an approved conduit/raceway system (except where permitted by NEC and the local authority having jurisdiction). Maximum conduit "fill" shall not exceed 40% per NEC.
5. Minimum conduit size shall be 3/4" EMT. Install conduit per engineered shop drawings.
6. Systems utilizing open wiring techniques with low smoke plenum cable shall provide conduit in all inaccessible locations, inside concealed walls, all mechanical/electrical rooms, or other areas where wiring might be exposed or subject to damage.
7. All vertical wiring and all main trunk/riser wiring shall be installed in a complete raceway/conduit system. All riser boxes shall be adequately sized for the number of conductors trans versing the respective box as well as the number of terminations required.
8. All plenum wiring is to be installed parallel and perpendicular to the building structure. Install wiring tight up against structure for protection. Cable shall be bundled on a maximum of 2'-6" and secured to the structure at a maximum of 5' on center. Bundling and support shall be with plenum rated cable ties.
9. Contractor is required to provide all mapping and software configuration required to operate system as per manufacturer’s recommendations.

10. All wire not installed inside conduit or a designated cable tray system shall be installed in a dedicated j-hook style cable support system for the entire run of each cable. Including, but not limited to service loops.
11. The cable support system shall be attached directly to the building steel at a serviceable height. If the building steel is not within 5' of the finished ceiling, the contractor shall provide a dedicated threaded rod extending within 5' of the finished ceiling and mount the support hook to the treaded rod.

C. System
1. Furnish and install one (1) card reader for each location shown on drawings.
2. Provide one (1) controller in MDF. Route all cabling to nearest controller, all cabling shall be home-runs. Each controller shall tie into nearest switch within the data closet.
3. Provide and install one (1) REX and door contact for the access control system, per installed door. Provide and install quantity of MR-16 necessary for integration of each device.
4. Provide an additional sixteen (16) hours of programming, coordinate final programming with district personnel.
5. Provide (200) HID iClass 202x, coordinate all facility codes and numbering with district prior to purchase, to get numbers as necessary.
6. All final terminations of electrified hardware shall be completed by Division 28.
7. All electrified hardware that is scheduled, but not to receive a card reader, shall be integrated into the RS2 system for administration and scheduling.

3.3 TESTING

A. Submit a written test report from an authorized representative of the equipment manufacturer that the system has been 100% tested and approved. Final test shall be witnessed by Owner, Engineer, Electrical Contractor and performed by the equipment supplier. Final test report shall be received and acknowledged by the Owner prior to substantial completion. All test reports to be verified by Crowley.

B. Provide instruction as to proper use and operation of system, for the Owner's designated personnel.

3.4 WARRANTY

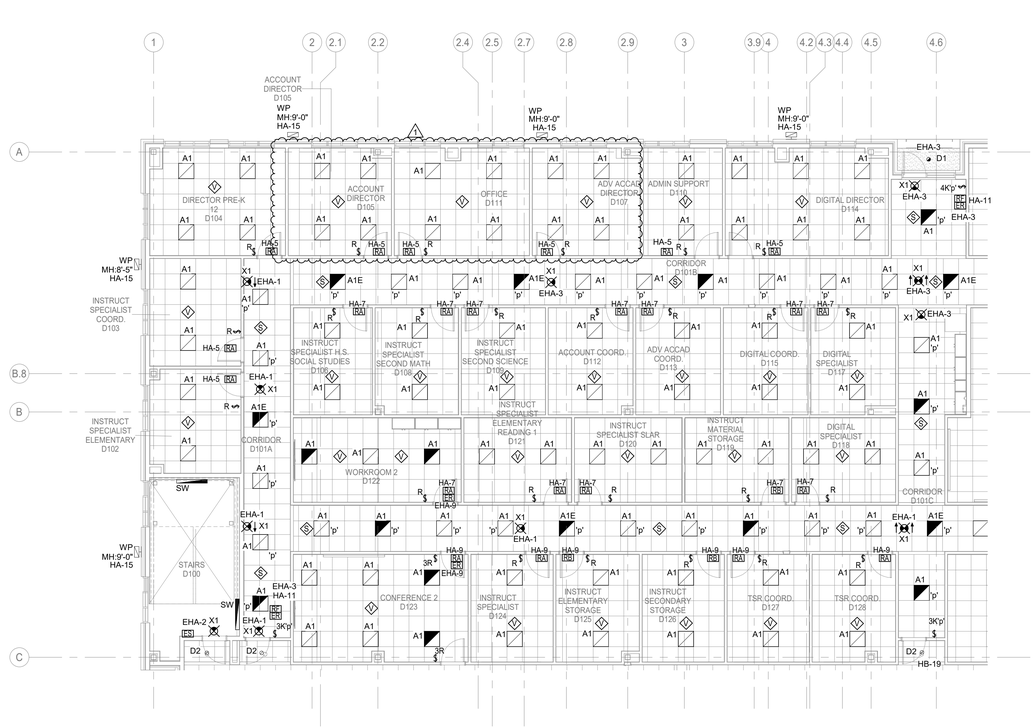
A. Contractor shall provide minimum of one (1) year warranty of workmanship and product. Must support (24) hour turn time to fix and/or replace any system issues or hardware

B. The product shall perform in all material respects in accordance with the accompanying user manual, and the media on which the Software Product resides will be free from defects in materials and workmanship under normal use. Software defects are covered through Service Releases and Cumulative Updates which are available for a period of 1 year from the date of substantial completion

END OF SECTION 28 10 00

LIGHTING GENERAL NOTES

1. PROVIDE PULL STRINGS IN ALL EMPTY CONDUITS.
2. ALL JUNCTION BOXES, CONDUITS, AND WIRES SHALL BE SIZED PER NEC.
3. CONNECT ALL EXIT LIGHTS AHEAD OF ANY LOCAL OR AUTOMATIC SWITCHING DEVICE. PROVIDE POWER VIA NEAREST LIGHTING CIRCUIT NOT TO EXCEED 16A.
4. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION & MOUNTING HEIGHTS OF ALL LIGHTING FIXTURES SHOWN ON THIS DRAWING.
5. REFER TO SHEET E-001 FOR LIGHTING FIXTURE SCHEDULE AND LIGHTING CONTROLS SCHEDULE.
6. ELECTRICAL CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY PROBLEMS PERTAINING TO CIRCUIT AVAILABILITY OR LOAD CAPACITY PRIOR TO INSTALLATION.
7. ELECTRICAL CONTRACTOR SHALL CONFIRM COMPATIBILITY OF ALL LIGHTING CONTROL SYSTEMS.
8. PROVIDE A CONSTANT HOT FROM PANEL BOARD DIRECTLY TO ALL EMERGENCY LIGHTING FIXTURES AND EXIT SIGNS. EMERGENCY LIGHTING FIXTURES SHALL TURN ON TO FULL BRIGHTNESS IN CASE OF POWER LOSS.
9. ALL SPACES DO NOT REQUIRE DAYLIGHT HARVESTING CONTROLS, UNLESS NOTED ON PLAN, PER 2018 IECC C405.2.3 WATTAGE REQUIREMENT.
10. PROVIDE CONNECTION FROM EMERGENCY PANEL FOR EMERGENCY POWER FOR ALL EGRESS FIXTURES. PROVIDE ECM MODULE FOR CONNECTION OF EMERGENCY LOADS. CIRCUIT NORMAL AND EMERGENCY POWER AS INDICATED. REFER TO DETAIL ON SHEET E601 AND ONE-LINE DIAGRAM ON SHEET E-401.
11. LOWER CASE LETTER INDICATES SWITCHING SCHEME.
12. ALL ABOVE CEILING POWER PACKS TO BE MOUNTED ABOVE ROOM DOORS REGARDLESS OF SCHEMATIC DESIGN SHOWN ON FLOOR PLANS. E.C. SHALL ENSURE INSTALLATION OF ALL POWER PACKS OCCUR ABOVE ROOM DOORS AND SHALL BE ACCESSIBLE.
13. LOCATE CONTACTORS IN SAME ROOM AS PANEL SERVING THE LOAD.
14. ALL EXTERIOR WALL PACK FIXTURES TO BE CONTROLLED BMCS SYSTEM VIA RELAY LIGHT PANELS MANAGED BY ATOMIC CLOCK.
15. OCCUPANCY/VACANCY SENSOR AND DAYLIGHTING SENSOR LOCATIONS INDICATES SPACE OR AREA CONTROLLED. CONTRACTOR TO PROVIDE ACTUAL QUANTITIES, TYPES, AND MOUNTING LOCATIONS AS RECOMMENDED BY MANUFACTURER AND IECC-2018 C405.



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1 LIGHTING RCP PLAN - LEVEL 1 - UNIT D1
Scale: 1/8" = 1'-0"

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Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

D | D.2
C | G | E
B | A | F

REV.	DATE	DESCRIPTION
1	05/30/2025	Addendum #2

BRADLEY KALMANS
LICENSED
PROFESSIONAL ENGINEER
05-30-25

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

ELECTRICAL LIGHTING FIRST FLOOR AREA - D1

ISSUED: FOR BID	
PERMIT	
BID	05/08/2025
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RECORD	--/--/----

PROJECT MANAGER	DESIGNER
CA	SA

JOB NO.
2023159.00

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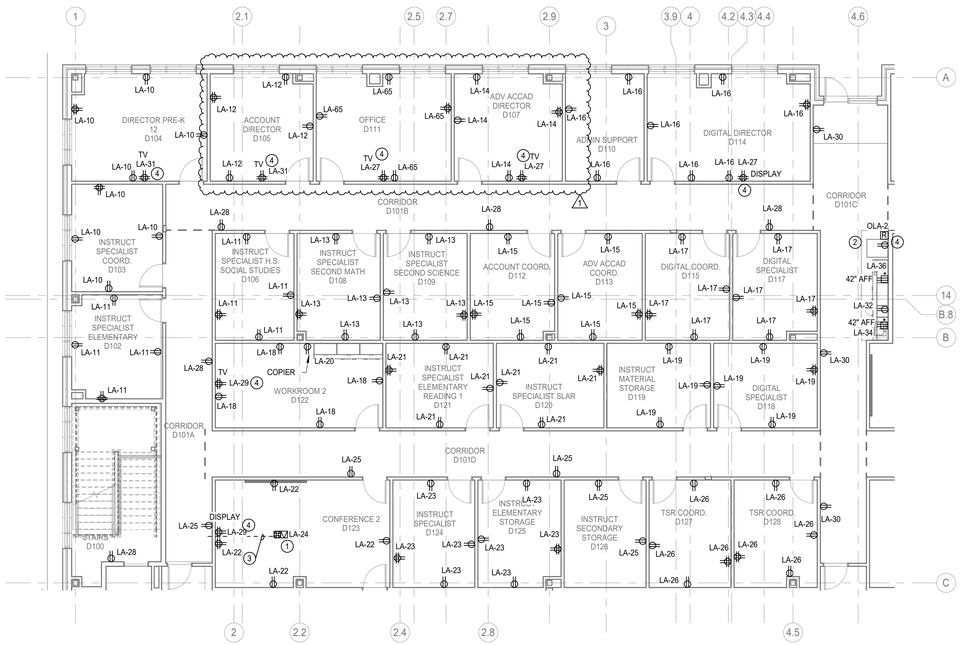
POWER GENERAL NOTES

1. ELECTRICAL CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY PROBLEMS PERTAINING TO CIRCUIT AVAILABILITY OR LOAD CAPACITY PRIOR TO INSTALLATION.
2. 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.
3. CONTRACTOR TO COORDINATE EXACT LOCATION OF DISCONNECT SWITCHES, JUNCTION BOXES AND SINGLE POLE TOGGLE SWITCHES FOR MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
4. ALL RECEPTACLES LOCATED WITHIN 6'-0" OF SINK SHALL BE GFCI TYPE.
5. 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.
6. ALL BLANK FACE GFCI DEVICES SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION AND NOT BEHIND EQUIPMENT.
7. 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.
8. ALL EXTERIOR OUTLETS SHALL BE WP GFI IN METAL WHILE-IN -USE LOCKABLE ENCLOSURE WITH EXCEPTION TO INTEGRAL RTU RECEPTACLES.

ELECTRICAL KEYED NOTES

1. PROVIDE CONCEALED ACCESS, RECESSED FLOOR MOUNTED (8) GANG SERVICE BOX WITH QUAD POWER, (2)DATA, (1)AV AND (1) BLANK.
2. PROVIDE FLUSH MOUNTED BLANK FACE GFCI DEVICE ADJACENT TO REFRIGERATOR. MOUNT RECEPTACLE AT +48" ABOVE FINISH FLOOR BEHIND REFRIGERATOR. ENGRAVE IN BLACK LETTERS TO STATE "GFCI FOR REFRIGERATOR" TYPICAL.
3. PROVIDE (3) UNDERGROUND 1" CONDUIT EACH FOR POWER, DATA AND SPARE TO FLOOR BOX. STUB THE SPARE CONDUIT TO ABOVE CEILING IN CORRIDOR.
4. REFER TO TECHNOLOGY DRAWINGS FOR EXACT MOUNTING AND LOCATION DETAIL.



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1 **ELECTRICAL POWER FLOOR PLAN - LEVEL 1 - UNIT D1**
Scale: 1/8" = 1'-0"

GPD GROUP
Professional Corporation
2121 Sage Road, Suite 240
Houston, TX 77056
713.622.1448 Fax 713.622.1455

CONSULTANTS:

MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.

Salas O'Brien
Houston
10330 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

D | D.2
C | G | E
B | A | F

REV.	DATE	DESCRIPTION
1	05/30/2025	Addendum #2

BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL
ENGINEER
05-30-25

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

ELECTRICAL POWER FIRST FLOOR AREA - D1

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

PROJECT MANAGER	DESIGNER
CA	SA

JOB NO.
2023159.00

E-205-D1

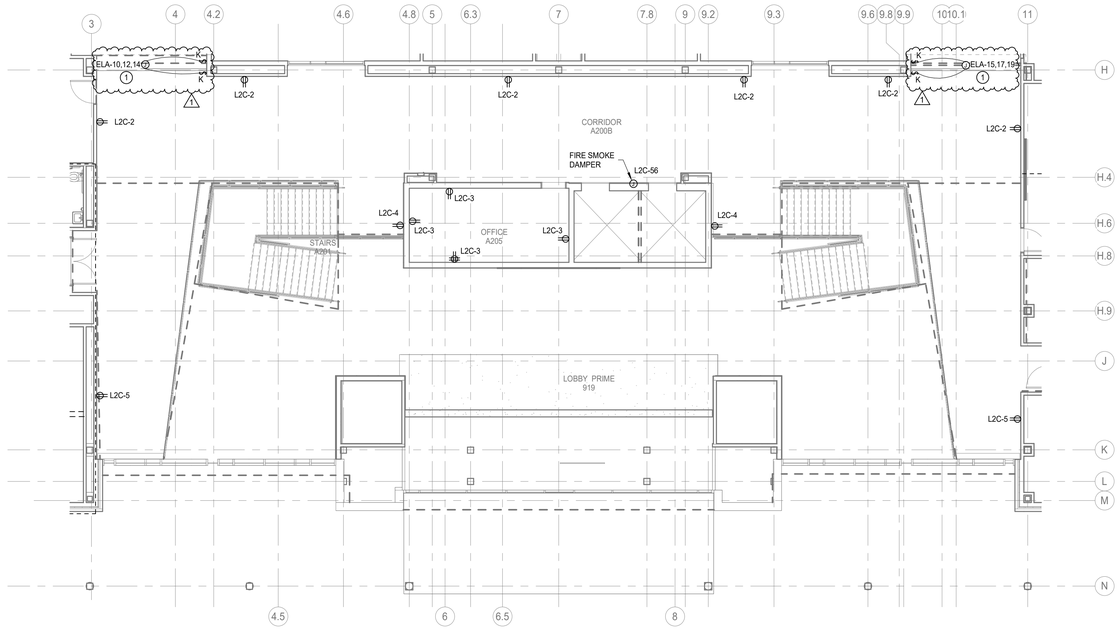
5/29/2025 6:03:02 PM

POWER GENERAL NOTES

1. ELECTRICAL CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY PROBLEMS PERTAINING TO CIRCUIT AVAILABILITY OR LOAD CAPACITY PRIOR TO INSTALLATION.
2. 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.
3. CONTRACTOR TO COORDINATE EXACT LOCATION OF DISCONNECT SWITCHES, JUNCTION BOXES AND SINGLE POLE TOGGLE SWITCHES FOR MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
4. ALL RECEPTACLES LOCATED WITHIN 6'-0" OF SINK SHALL BE GFCI TYPE.
5. 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.
6. ALL BLANK FACE GFCI DEVICES SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION AND NOT BEHIND EQUIPMENT.
7. 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.
8. ALL EXTERIOR OUTLETS SHALL BE WP GFI IN METAL WHILE-IN -USE LOCKABLE ENCLOSURE WITH EXCEPTION TO INTEGRAL RTU RECEPTACLES.

ELECTRICAL KEYED NOTES

1. (1) OVERHEAD SECURITY GRILLE. INTERLOCK WITH FIRE ALARM SYSTEM TO RAISE GRILLE UPON FIRE ALARM SYSTEM ACTIVATION OR FIRE DRILL.



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

GPD GROUP
Professional Corporation
2121 Sage Road, Suite 240
Houston, TX 77056
713.622.1448 Fax 713.622.1455

CONSULTANTS:

MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.

Salas O'Brien
Houston
10330 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

D2	D2.2	
C2	G2	E2
B2	A2	F2

REV.	DATE	DESCRIPTION
1	05/30/2025	Addendum #2

BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL ENGINEER
05-30-25

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

ELECTRICAL POWER SECOND FLOOR AREA - A2

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

PROJECT MANAGER	DESIGNER
CA	SA

JOB NO.
2023159.00

E-210-A2

6/2/2025 1:21:07 PM

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				0.0 / 0.0			1	--	-- SPACE	2	--
--	3	SPARE	--	20 3		0.0 / 0.0		1	--	-- SPACE	4	--
	5						0.0 / 0.0	1	--	-- SPACE	6	--
	7				0.0 / 0.0			1	--	-- SPACE	8	--
--	9	SPARE	--	20 3		0.0 / 0.0		1	--	-- SPACE	10	--
	11						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				4.5 / 0.0			1	--	-- SPACE	26	--
	27	PANEL OLB VIA TOLB	1-L	70 3		3.0 / 0.0		1	--	-- SPACE	28	--
	29						2.7 / 0.0	1	--	-- SPACE	30	--
			Total Load:		4.5 kVA	3.0 kVA	2.7 kVA					
			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		
Receptacles	2.3 kVA	100.00%	2.3 kVA	**Total Conn. Load:**	10.2 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: OLA

Location: EMERGENCY ELECTRICAL... | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: TOLA | **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
EG	1	HEAT TRACE AT ACC-1 CHILLER	#12	20 1	0.5 / 0.2			1	20	#12 REFRIGERATOR CORRIDOR D101C	2	G
EG	3	HEAT TRACE AT ACC-2 CHILLER	#12	20 1		0.5 / 0.2		1	20	#12 REFRIGERATOR CORRIDOR D130B	4	G
	5	IDF Rack MDF D132	#10	30 1			0.4 / 0.4	1	20	#12 DATA RACK MDF D132	6	
	7	RECEPTACLES IN MDF D132	#12	20 1	0.5 / 0.2			1	20	#12 IDF Rack MDF D132	8	
	9	IDF Rack MDF D132	#10	30 1		0.4 / 0.2		1	30	#10 IDF Rack MDF D132	10	
	11	BMCS PANEL(S)	#12	20 1			0.1 / 1.6				12	
	13	BMCS PANEL(S)	#12	20 1	0.6 / 1.6			2	30	#10 IDF Rack MDF D132	14	
	15	BMCS PANEL(S)	#12	20 1		0.6 / 0.2		1	20	#12 IDF Rack MDF D132	16	
	17	EUH-2	#10	30 2			2.5 / 0.2	1	30	#10 IDF Rack MDF D132	18	
	19				2.5 / 0.2			1	20	#12 Receptacles MDF D132	20	
	21	EUH-1	#10	30 2		2.5 / 0.5		1	20	#12 GENERATOR BATTERY CHARGER	22	
	23						2.5 / 0.5	1	20	#12 GENERATOR HEATER	24	
	25	BMCS PANEL(S)	#12	20 1	0.1 / 0.5			1	20	#12 IDP MDF D132	26	
	27	BMCS PANEL(S)	#12	20 1		0.6 / 1.6		2	30	#10 IDF Rack MDF D132	28	
	29	IDF Rack MDF D132	#12	20 1			0.2 / 1.6				30	
	31	IDF Rack MDF D132	#10	30 1	0.2 / 1.6			2	30	#10 IDF Rack MDF D132	32	
	33	ACP MDF D132	#12	20 1		0.5 / 1.6					34	
--	35	SPARE	--	20 1			0.0 / 0.0	1	20	-- SPARE	36	--
--	37	SPARE	--	20 1	0.0 / 0.0						38	
--	39	SPARE	--	20 1		0.0 / 0.0		3	30	-- SPDL	40	--
--	41	SPARE	--	20 1			0.0 / 0.0				42	
			Total Load:		8.6 kVA	9.2 kVA	9.8 kVA					
			Total Amps:		72 A	78 A	82 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Heating	10.0 kVA	100.00%	10.0 kVA		
Miscellaneous	14.4 kVA	100.00%	14.4 kVA	**Total Conn. Load:**	27.6 kVA
Receptacles	3.2 kVA	100.00%	3.2 kVA	**Total Est. Demand:**	27.6 kVA
				Total Conn. Current:	77 A
				Total Est. Demand Current:	77 A

Notes:

Abbreviations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE
EG - 30mA EQUIPMENT GFCI BREAKER

Branch Panel: 2OHB

Location: MECH C215 | **Volts:** 277/480 Wye | **A.I.C. Rating:** 18,000 ⚠1
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				0.0 / 1.0						2	
--	3	SPARE	--	20 3		0.0 / 1.0		3	20	#12 VAV-4-19 (3kW)	4	
	5						0.0 / 1.0				6	
	7				0.0 / 2.3						8	
--	9	SPARE	--	20 3		0.0 / 2.3		3	20	#12 VAV-4-20 (7kW)	10	
	11						0.0 / 2.3				12	
--	13	SPACE	--	-- 1	0.0 / 2.3						14	
--	15	SPACE	--	-- 1		0.0 / 2.3		3	20	#12 VAV-4-21 (7kW)	16	
--	17	SPACE	--	-- 1			0.0 / 2.3				18	
--	19	SPACE	--	-- 1	0.0 / 7.8						20	
--	21	SPACE	--	-- 1		0.0 / 7.8		3	35	#8 CU-1	22	
--	23	SPACE	--	-- 1			0.0 / 7.8				24	
	25				2.5 / 0.0						26	
	27	AHU-8 (3HP)	#12	20 3		2.5 / 0.0		3	30	-- SPD	28	--
	29						2.5 / 0.0				30	
			Total Load:		15.9 kVA	15.9 kVA	15.9 kVA					
			Total Amps:		58 A	58 A	58 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Miscellaneous	47.8 kVA	100.00%	47.8 kVA		
				Total Conn. Load:	47.8 kVA
				Total Est. Demand:	47.8 kVA
				Total Conn. Current:	57 A
				Total Est. Demand Current:	57 A

Notes:

Abbreviations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

Branch Panel: OLB

Location: ELECTRICAL C103 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: TOLB | **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
G	1	REFRIGERATOR CORRIDOR B115B	#12	20 1	0.2 / 0.5			1	20	#12 Receptacles IDF B114	2	
G	3	REFRIGERATOR CORRIDOR B102B	#12	20 1		0.2 / 0.4		1	30	#10 DATA RACK IDF B114	4	
	5	BMCS PANEL(S)	#12	20 1			0.1 / 0.4	1	30	#10 DATA RACK IDF B114	6	
	7	L5-20R IDF B114	#12	20 1	0.2 / 0.5			1	20	#12 BPS IDF B114	8	
	9	L5-30R IDF B114	#10	30 1		0.2 / 0.5		1	20	#12 ACP IDF B114	10	
	11	DATA RACK L6-30R IDF B114	#10	30 2			1.6 / 0.5	1	20	#12 IDF IDF B114	12	
	13				1.6 / 0.0			1	20	-- SPARE	14	--
	15	L5-20R IDF B114	#12	20 1		0.2 / 0.0		1	20	-- SPARE	16	--
	17	L5-30R IDF B114	#10	30 1			0.2 / 0.0	1	20	-- SPARE	18	--
	19	DATA RACK L6-30R IDF B114	#10	30 2	1.6 / 0.0			1	20	-- SPARE	20	--
	21					1.6 / 0.0		1	20	-- SPARE	22	--
--	23	SPARE	--	20 1			0.0 / 0.0	1	20	-- SPARE	24	--
--	25	SPARE	--	20 1	0.0 / 0.0			1	--	-- SPACE	26	--
--	27	SPARE	--	20 1		0.0 / 0.0		1	--	-- SPACE	28	--
--	29	SPARE	--	20 1			0.0 / 0.0	1	--	-- SPACE	30	--
--	31	SPACE	--	-- 1	0.0 / 0.0			1	--	-- SPACE	32	--
--	33	SPACE	--	-- 1		0.0 / 0.0		1	--	-- SPACE	34	--
--	35	SPACE	--	-- 1			0.0 / 0.0	1	--	-- SPACE	36	--
--	37	SPACE	--	-- 1	0.0 / 0.0						38	
--	39	SPACE	--	-- 1		0.0 / 0.0		3	30	-- SPDL	40	--
--	41	SPACE	--	-- 1			0.0 / 0.0				42	
			Total Load:		4.5 kVA	3.0 kVA	2.7 kVA					
			Total Amps:		38 A	25 A	23 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Miscellaneous	7.8 kVA	100.00%	7.8 kVA		
Receptacles	2.3 kVA	100.00%	2.3 kVA	**Total Conn. Load:**	10.2 kVA
				Total Est. Demand:	10.2 kVA
				Total Conn. Current:	28 A
				Total Est. Demand Current:	28 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
	1	FIRE ALARM BPS MDF D132	#12	20 1	0.5 / 0.5			1	20	#12 BPS IDF F124	2	
LO	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					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 C215	#12	20 1	0.5 / 0.3						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 / 0.0	1	--	-- SPACE	24	--
--	25	SPARE	--	20 1	0.0 / 0.0						26	
--	27	SPACE	--	-- 1		0.0 / 0.0		3	30	-- SPDL	28	--
--	29	SPACE	--	-- 1			0.0 / 0.0				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

Branch Panel: OLC

Location: ELECTRICAL E120 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: TOLC | **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
G	1	REFRIGERATOR BREAKROOM E100	#12	20 1	0.2 / 0.2			1	20	#12 REFRIGERATOR BREAKROOM E100	2	G
G	3	ICE MACHINE BREAKROOM E100	#12	20 1		0.2 / 0.2		1	20	#12 REFIGERATOR CORRIDOR F100B	4	G
G	5	ICE MACHINE BREAK ROOM E108	#12	20 1			1.3 / 0.2	1	20	#12 REFRIGERATOR PROCESSING LAB F109	6	G
	7	IDF Rack F124	#12	20 1	0.4 / 0.5			1	20	#12 Receptacles IDF F124	8	
	9	IDF Rack F124	#12	20 1		0.4 / 0.2		1	20	#12 REFRIGERATOR BREAK ROOM E108	10	G
	11	BMCS PANEL(S)	#12	20 1			0.1 / 0.5	1	20	#12 ACP IDF F124	12	
	13	Miscellaneous Power ELEV A108	#12	20 2	0.0 / 0.5			1	20	#12 IDP IDF F124	14	
	15					0.0 / 0.2		1	20	#12 IDF Rack F124	16	
	17	Miscellaneous Power ELEV A109	#12	20 2			0.0 / 0.2	1	30	#10 IDF Rack F124	18	
	19				0.0 / 1.6						20	
G	21	REFRIGERATOR BREAKROOM E100	#12	20 1		0.2 / 1.6		2	30	#10 IDF Rack F124	22	
--	23	SPARE	--	20 1			0.0 / 0.2	1	20	#12 IDF Rack F124	24	
--	25	SPARE	--	20 1	0.0 / 0.2			1	30	#10 IDF Rack F124	26	
--	27	SPARE	--	20 1		0.0 / 1.6					28	
--	29	SPARE	--	20 1			0.0 / 1.6	2	30	#10 IDF Rack F124	30	
--	31	SPACE	--	-- 1	0.0 / 0.0			1	--	-- SPACE	32	--
--	33	SPACE	--	-- 1		0.0 / 0.0		1	--	-- SPACE	34	--
--	35	SPACE	--	-- 1			0.0 / 0.0	1	--	-- SPACE	36	--
	37				0.0 / 0.0			1	--	-- SPACE	38	--
--	39	SPARE	--	30 3		0.0 / 0.0		1	--	-- SPACE	40	--
	41						0.0 / 0.0	1	--	-- SPACE	42	--
			Total Load:		3.5 kVA	4.4 kVA	4.0 kVA					
			Total Amps:		29 A	37 A	34 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Kitchen Equipment	1.3 kVA	100.00%	1.3 kVA		
Miscellaneous	7.3 kVA	100.00%	7.3 kVA	**Total Conn. Load:**	11.9 kVA
Receptacles	3.2 kVA	100.00%	3.2 kVA	**Total Est. Demand:**	11.9 kVA
				Total Conn. Current:	33 A
				Total Est. Demand Current:	33 A

Notes:

Abbreviations:
G - PROVIDE GFCI CIRCUIT BREAKER
LF - PROVIDE PERMANENT LOCK-OFF DEVICE
LO - PROVIDE PERMANENT LOCK-ON DEVICE

GPD GROUP
Professional Corporation
2121 Sage Road, Suite 240
Houston, TX 77056
713.622.1448 Fax 713.622.1455

CONSULTANTS:

MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.

Salas O'Brien
Houston
10330 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

REV.	DATE	DESCRIPTION
1	05/20/2025	Addendum #1
2	05/30/2025	Addendum #2

BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL ENGINEER
05-30-25

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

ELECTRICAL PANEL SCHEDULES

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

PROJECT MANAGER	DESIGNER
CA	SA

JOB NO.
2023159.00

E-505

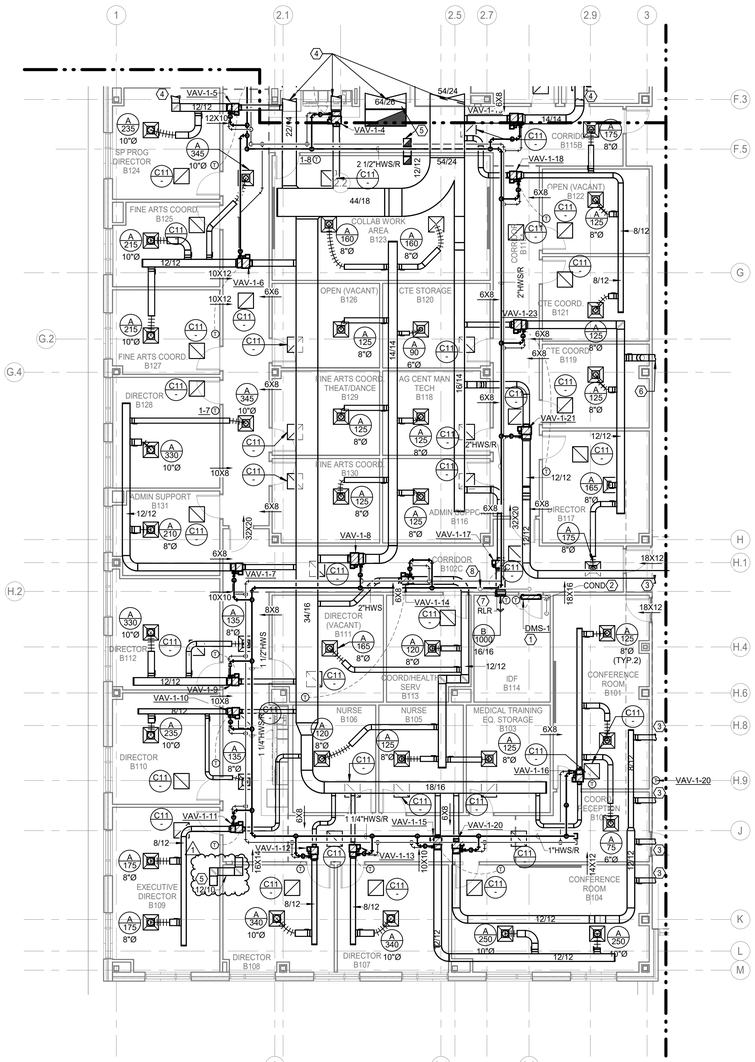
6/2/2025 1:21:08 PM

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 (ARCHITECTS) 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	RE: 1/M-102-A1 FOR CONTINUATION.
4	RE: 1/M-104-C1 FOR CONTINUATION.
5	PROVIDE ACOUSTICALLY LINED RETURN AIR TRANSFER DUCT.
6	RE: 1/M-109-G1 FOR CONTINUATION.
7	ROUTE REFRIGERANT PIPING UP TO ASSOCIATED OUTDOOR UNIT ON ROOF. INSTALL PER MANUFACTURER RECOMMENDATIONS. PIPING SHOWN SINGLE LINE FOR CLARITY AND REFER TO MANUFACTURER FOR PIPE SIZES. RE: M402 AND M403 FOR DETAILS.
8	RE: 1/M-111-B2 FOR CONTINUATION.



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1 **MECHANICAL FLOOR PLAN - LEVEL 1 - UNIT B**

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

GPD GROUP
Professional Corporation
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Houston, TX 77056
713.622.1448 Fax 713.622.1455

CONSULTANTS:

MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.

Salas O'Brien
Houston
10330 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

D | D.2
C | G | E
B | A | F

REV.	DATE	DESCRIPTION
1	05/30/2025	Addendum #.2

STATE OF TEXAS
BRADLEY KALMANS
90219
LICENSED
05-30-25

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

MECHANICAL FIRST FLOOR AREA - B1

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

PROJECT MANAGER	DESIGNER
CA	SS/GT

JOB NO.
2023159.00

M-103-B1

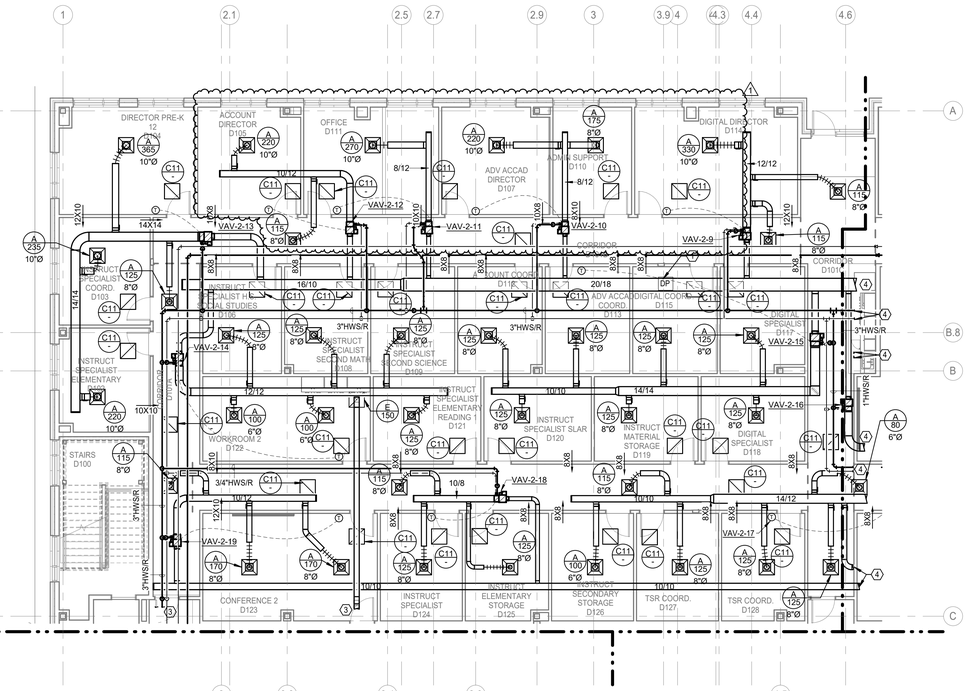
5/29/2025 5:41:35 PM

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.
3	RE: 1/M-104-C1 FOR CONTINUATION.
4	RE: 1/M-106-D1.2 FOR CONTINUATION.



N

1 **MECHANICAL FLOOR PLAN - LEVEL 1 - UNIT D1**
Scale: 1/8" = 1'-0"

GPD GROUP
Professional Corporation
2121 Sage Road, Suite 240
Houston, TX 77056
713.622.1448 Fax 713.622.1455

CONSULTANTS:

MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.

Salas O'Brien
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

D | D.2
C | G | E
B | A | F

REV.	DATE	DESCRIPTION
1	05/30/2025	Addendum #2

BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL ENGINEER
05-30-25

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

MECHANICAL FIRST FLOOR AREA - D1

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

PROJECT MANAGER	DESIGNER
CA	SS/GT

JOB NO.
2023159.00

M-105-D1

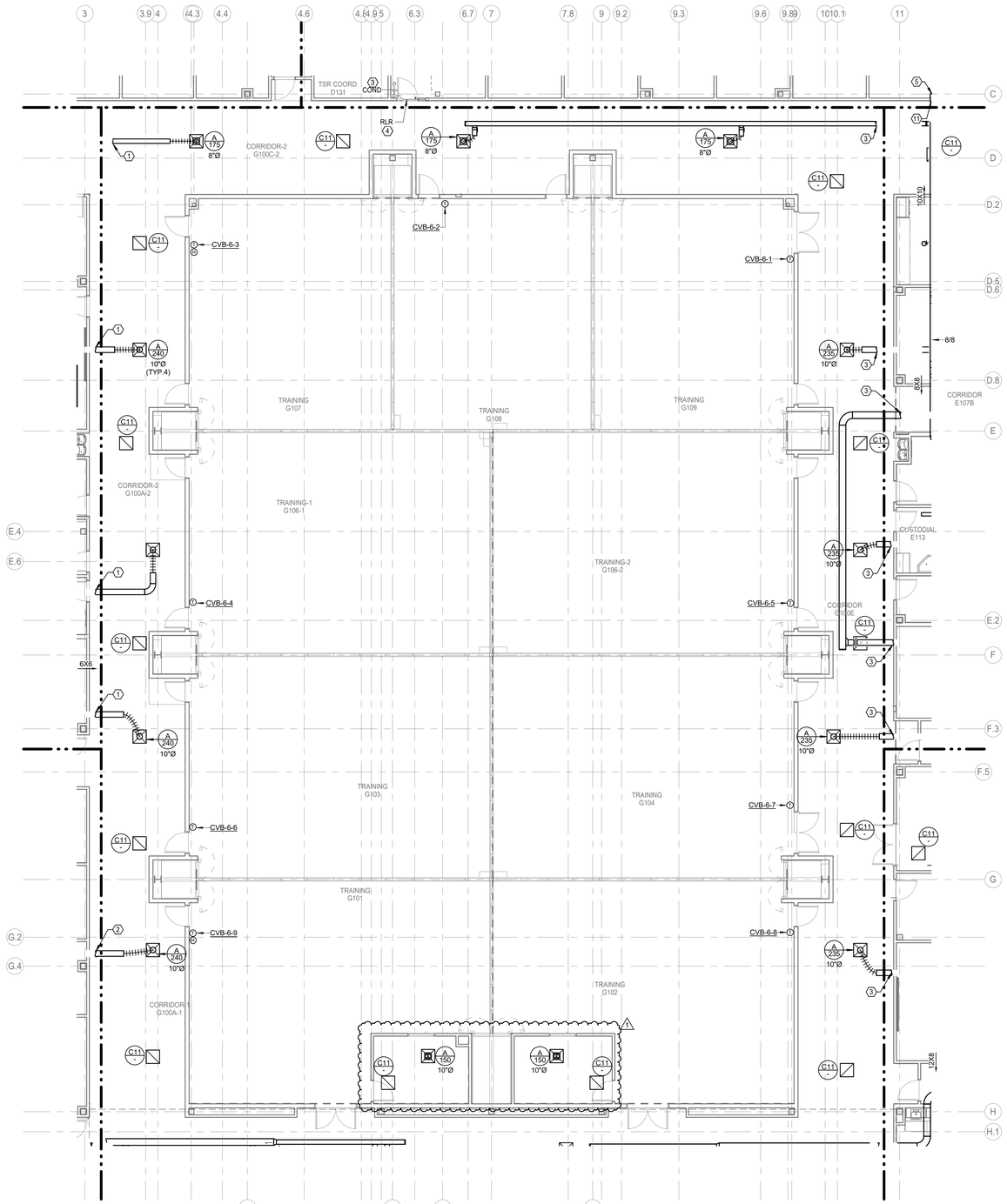
5/29/2025 5:30:49 PM

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 (ARCHITECTS) REFLECTED CEILING PLAN.
5	THERMOSTATS SHALL BE MOUNTED AT +48" AFF (ABOVE FINISHED FLOOR), UNLESS NOTED.

MECHANICAL KEYED NOTES

1	RE: 1/M-104-C1 FOR CONTINUATION.
2	RE: 1/M-103-B1 FOR CONTINUATION.
3	RE: 1/M-107-E1 FOR CONTINUATION.



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

GPD GROUP
Professional Corporation
2121 Sage Road, Suite 240
Houston, TX 77056
713.622.1448 Fax 713.622.1455

CONSULTANTS:

MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.

Salas O'Brien
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

D | D.2
C | G | E
B | A | F

REV.	DATE	DESCRIPTION
1	05/30/2025	Addendum #2

BRADLEY KALMANS
80210
LICENSED
PROFESSIONAL ENGINEER
05-30-25

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

MECHANICAL FIRST FLOOR AREA - G1

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

PROJECT MANAGER	DESIGNER
CA	SS/GT

JOB NO.
2023159.00

M-109-G1

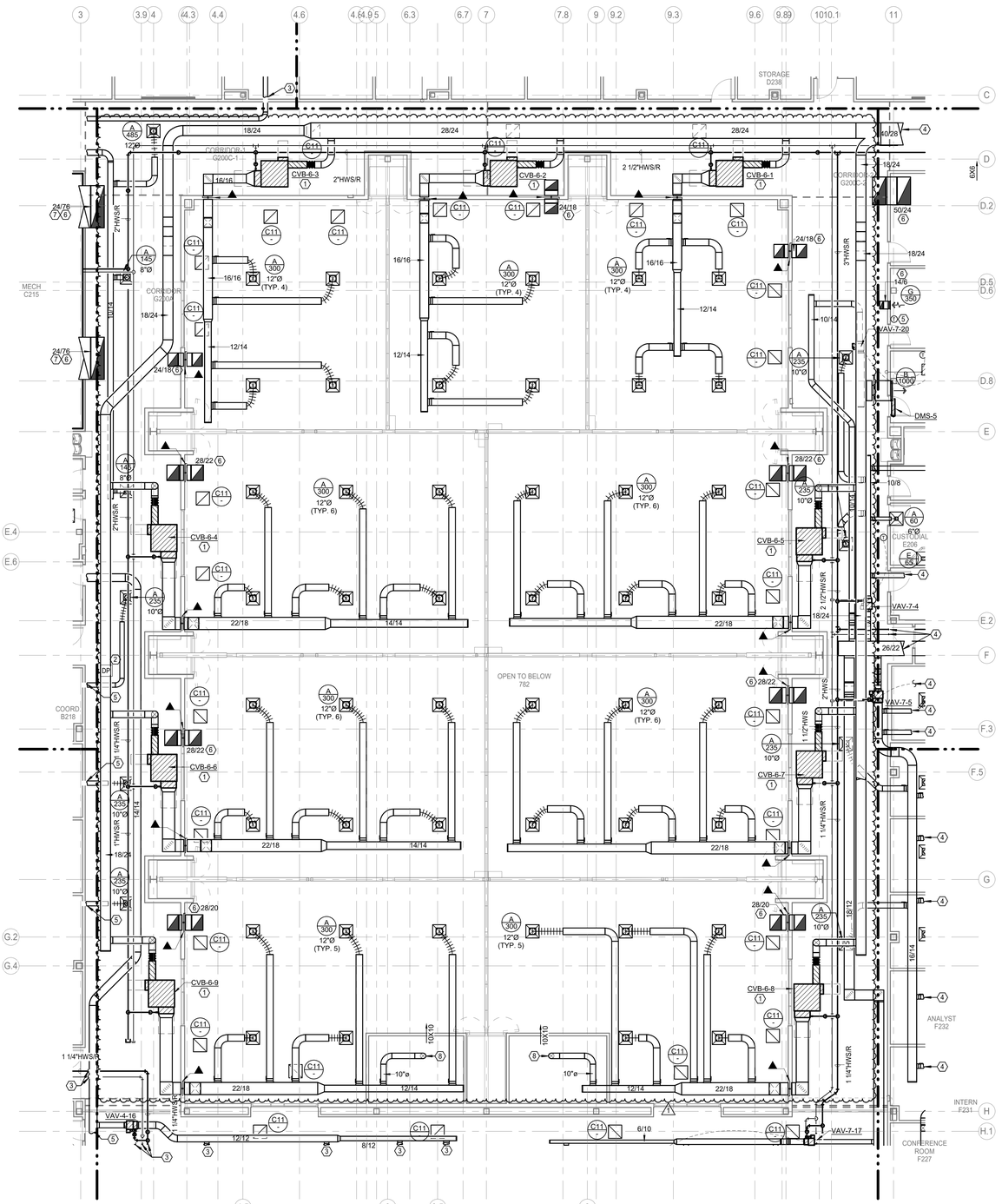
5/29/2025 7:04:57 PM

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 (ARCHITECTS) REFLECTED CEILING PLAN.
5	THERMOSTATS SHALL BE MOUNTED AT +48" AFF (ABOVE FINISHED FLOOR), UNLESS NOTED.

MECHANICAL KEYED NOTES

1	TERMINAL UNIT AND ALL ASSOCIATED DUCTWWORK SHALL AVOID LIGHTING. UNDER NO CIRCUMSTANCE SHALL DUCTWORK BE ROUTED OVER LIGHTING AND UNDER NO CIRCUMSTANCE SHALL TERMINAL UNIT BE PLACED ABOVE LIGHTING.
2	REFER TO SPECIFICATIONS. COORDINATE FINAL LOCATION WITH TAB CONTRACTOR & CONTROLS MANUFACTURER. TEST AND RESET MUST BE ACCESSIBLE.
3	RE: 1/M-110-A2 FOR CONTINUATION.
4	RE: 1/M115-E2 FOR CONTINUATION.
5	RE: 1/M-111-B2 FOR CONTINUATION.
6	PROVIDE ACOUSTICALLY LINED RETURN AIR TRANSFER DUCT.
7	RE: 2/M-202 FOR CONTINUATION.
8	REFER TO 1/M-109-G1 FOR CONTINUATION.



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

GPD GROUP
Professional Corporation
2121 Sage Road, Suite 240
Houston, TX 77056
713.622.1448 Fax 713.622.1455

CONSULTANTS:

MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.

Salas O'Brien
Houston
10330 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

D2	D2.2	
C2	G2	E2
B2	A2	F2

REV.	DATE	DESCRIPTION
1	05/30/2025	Addendum #2

BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL ENGINEER
05-30-25

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

MECHANICAL SECOND FLOOR AREA - G2

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

PROJECT MANAGER	DESIGNER
CA	SS/GT

JOB NO.
2023159.00

M-117-G2

5/29/2025 7:10:37 PM

VARIABLE VOLUME TERMINAL BOX

MARK	MAXIMUM CFM	MINIMUM CFM	INLET DIAMETER SIZE (IN.)	HOT WATER COIL		REMARKS
				GPM	CONNECTING PIPE SIZE	
OAVAV-1	1,880	0	14	-	-	-
OAVAV-2	3,245	0	16	-	-	-
OAVAV-3	1,855	0	14	-	-	-
OAVAV-4	2,565	0	16	-	-	-
VAV-1-1	1,170	360	12	5.1	1"	-
VAV-1-2	985	260	10	4.3	1"	-
VAV-1-3	485	180	8	2.1	3/4"	-
VAV-1-4	750	260	10	3.3	3/4"	-
VAV-1-5	665	180	8	2.9	3/4"	-
VAV-1-6	775	260	10	3.4	1"	-
VAV-1-7	885	260	10	3.8	1"	-
VAV-1-8	1,035	360	10	4.5	1"	-
VAV-1-9	465	180	8	2.0	3/4"	-
VAV-1-10	370	100	6	1.6	3/4"	-
VAV-1-11	350	100	6	1.5	3/4"	-
VAV-1-12	340	100	6	1.5	3/4"	-
VAV-1-13	340	100	6	1.5	3/4"	-
VAV-1-14	655	180	8	2.8	3/4"	-
VAV-1-15	500	180	8	2.2	3/4"	-
VAV-1-16	325	100	6	1.4	3/4"	-
VAV-1-17	1,000	260	10	-	-	-
VAV-1-18	425	180	8	1.8	3/4"	-
VAV-1-19	1,070	360	10	4.6	1"	-
VAV-1-20	620	180	8	2.7	3/4"	-
VAV-1-21	750	260	10	3.3	3/4"	-
VAV-1-22	650	260	8	2.8	3/4"	-
VAV-1-23	705	260	10	3.1	3/4"	-
VAV-2-1	730	260	10	3.2	3/4"	-
VAV-2-2	595	180	8	2.6	3/4"	-
VAV-2-3	750	260	10	3.3	3/4"	-
VAV-2-4	805	260	10	3.5	1"	-
VAV-2-5	795	260	10	3.5	1"	-
VAV-2-6	275	100	6	1.2	3/4"	-
VAV-2-7	1,115	360	12	4.8	1"	-
VAV-2-8	1,025	360	10	4.6	1"	-
VAV-2-9	560	180	8	2.4	3/4"	-
VAV-2-10	395	180	8	1.7	3/4"	-
VAV-2-11	270	100	6	1.2	3/4"	-
VAV-2-12	335	100	6	1.5	3/4"	-
VAV-2-13	205	100	10	1.4	1"	-
VAV-2-14	700	180	10	3.0	3/4"	-
VAV-2-15	875	260	10	3.8	1"	-
VAV-2-16	570	180	8	2.5	3/4"	-
VAV-2-17	795	260	10	3.5	1"	-
VAV-2-18	365	100	6	1.6	3/4"	-
VAV-2-19	455	180	8	2.0	3/4"	-
VAV-2-20	350	100	6	1.5	3/4"	-
VAV-3-1	1,305	360	12	5.7	1"	-
VAV-3-2	645	180	8	2.8	3/4"	-
VAV-3-3	575	180	8	2.5	3/4"	-
VAV-3-4	710	260	10	3.1	3/4"	-
VAV-3-5	535	180	8	2.3	3/4"	-
VAV-3-6	765	180	10	-0	-	-
VAV-3-7	540	180	8	2.3	3/4"	-
VAV-3-8	735	260	10	3.2	3/4"	-
VAV-3-9	695	180	8	3.0	3/4"	-
VAV-3-10	850	260	10	3.7	1"	-
VAV-3-11	810	260	10	3.5	1"	-
VAV-3-12	380	100	6	1.7	3/4"	-
VAV-3-13	330	100	6	1.4	3/4"	-
VAV-3-14	620	180	8	2.7	3/4"	-
VAV-3-15	635	180	8	2.8	3/4"	-
VAV-3-16	1,045	360	10	4.5	1"	-
VAV-3-17	625	180	8	2.7	3/4"	-
VAV-3-18	835	260	10	3.6	1"	-
VAV-3-19	790	260	10	3.4	1"	-
VAV-4-1	1,005	360	10	-1	-	-
VAV-4-2	1,355	360	12	5.9	1"	-
VAV-4-3	1,070	360	10	4.6	1"	-
VAV-4-4	265	100	6	1.2	3/4"	-
VAV-4-5	615	180	8	2.7	3/4"	-
VAV-4-6	425	180	8	1.8	3/4"	-
VAV-4-7	580	180	8	2.5	3/4"	-
VAV-4-8	285	100	6	1.2	3/4"	-
VAV-4-9	285	100	6	1.2	3/4"	-
VAV-4-10	385	100	6	1.7	3/4"	-
VAV-4-11	1,495	360	12	6.5	1"	-
VAV-4-12	280	100	6	0.9	3/4"	-
VAV-4-13	255	100	6	1.1	3/4"	-
VAV-4-14	420	180	8	1.8	3/4"	-
VAV-4-15	1,450	360	12	6.3	1"	-
VAV-4-16	825	260	10	3.6	1"	-
VAV-4-17	1,155	360	12	5.0	1"	-
VAV-4-18	1,345	360	12	5.8	1"	-
VAV-5-1	375	100	6	1.6	3/4"	-
VAV-5-2	250	100	6	1.1	3/4"	-
VAV-5-3	470	180	8	2.0	3/4"	-
VAV-5-4	380	100	6	1.7	3/4"	-
VAV-5-5	310	100	6	1.3	3/4"	-
VAV-5-6	960	260	10	4.2	1"	-
VAV-5-7	295	100	6	1.3	3/4"	-
VAV-5-8	450	180	8	2.0	3/4"	-
VAV-5-9	455	180	8	2.0	3/4"	-
VAV-5-10	320	100	6	1.4	3/4"	-
VAV-5-11	605	180	8	2.6	3/4"	-
VAV-5-12	835	260	10	3.6	1"	-
VAV-5-13	360	100	6	1.6	3/4"	-
VAV-5-14	390	100	6	1.7	3/4"	-
VAV-5-15	1,035	360	10	4.5	1"	-
VAV-5-16	790	260	10	3.4	1"	-
VAV-5-17	330	100	6	1.4	3/4"	-
VAV-5-18	675	180	8	2.9	3/4"	-
VAV-5-19	750	260	10	3.3	3/4"	-
VAV-5-20	250	100	6	1.1	3/4"	-
VAV-5-21	620	180	8	2.7	3/4"	-
VAV-5-22	985	260	10	4.3	1"	-
VAV-7-1	830	260	10	3.6	1"	-
VAV-7-2	820	260	10	3.6	1"	-
VAV-7-3	280	100	6	1.2	3/4"	-
VAV-7-4	820	260	10	3.6	1"	-
VAV-7-5	1,340	360	12	5.8	1"	-
VAV-7-6	870	260	10	3.8	1"	-
VAV-7-7	545	180	8	2.4	3/4"	-
VAV-7-8	390	100	6	1.7	3/4"	-
VAV-7-9	820	260	10	3.6	1"	-
VAV-7-10	420	180	8	1.8	3/4"	-
VAV-7-11	260	100	6	1.1	3/4"	-
VAV-7-12	390	100	6	1.7	3/4"	-
VAV-7-13	545	180	8	2.4	3/4"	-
VAV-7-14	510	180	8	2.2	3/4"	-
VAV-7-15	875	260	10	3.8	1"	-
VAV-7-16	675	180	8	2.9	3/4"	-
VAV-7-17	525	180	8	2.3	3/4"	-
VAV-7-18	1,000	260	10	4.3	1"	-
VAV-7-19	1,300	360	12	5.6	1"	-
VAV-7-20	1,000	260	10	-	-	-

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. BTUH 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. 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.

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. BTUH 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. 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. 0-400 CFM REQUIRE 1/10 HORSEPOWER MOTOR
   B. 401-700 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 (BTUH)	KW	NUMBER OF STAGES	CURRENT CHAR.			CFM	MANUFACTURER	MODEL	REMARKS
				V	P	F				
EUH-1	17,060	5	1	208	1	60	400	MARKEL	5100	1-3
EUH-2	17,060	5	1	208	1	60	400	MARKEL	5100	1-3

REMARKS:
1. PROVIDE WITH WIRED WALL MOUNTED THERMOSTAT.
2. REFER TO MANUFACTURE FOR INSTALLATION GUIDE.
3. UNIT SHALL ENERGIZE WHEN TEMPERATURE DROPS BELOW 40°F

DUCTLESS MINI-SPLIT - INDOOR UNIT

MARK	FAN					AIR TEMPERATURE (°F)		COOLING			MANUFACTURER	MODEL NUMBER	REMARKS
	SUPPLY AIR CFM	EXT.STATIC PRESSURE (IN. W.C.)	CURRENT CHARAC.			ENTERING DRY BULB	ENTERING WET BULB	MIN. TOTAL CAPACITY (BTUH)	MIN. SENS. CAPACITY (BTUH)	MINIMUM EER/ SEER			
			V	P	F								
DMS-1	920	0.50	208	1	60	78.0	65.0	29,802	23,151	10.8 / 18.8	DAIKIN	FTX30	1-4
DMS-2	920	0.50	208	1	60	78.0	65.0	29,802	23,151	10.8 / 18.8	DAIKIN	FTX30	1-4
DMS-3	1,025	0.50	208	1	60	78.0	65.0	34,845	25,793	10.0 / 17.7	DAIKIN	FTX30	1-4
DMS-4	920	0.50	208	1	60	78.0	65.0	29,802	23,151	10.8 / 18.8	DAIKIN	FTX30	1-4
DMS-5	920	0.50	208	1	60	78.0	65.0	29,802	23,151	10.8 / 18.8	DAIKIN	FTX30	1-4

GENERAL NOTES:
1. EXTERNAL STATIC PRESSURE INCLUDES LOSSES DUE TO DUCTWORK, AIR DEVICES, DAMPERS, AND DUCT MOUNTED HOT WATER COILS WHERE APPLICABLE. DIRTY FILTER AND UNIT CASING MUST BE ADDED TO EXTERNAL STATIC PRESSURE TO OBTAIN TOTAL PRESSURE LOSS. INCREASE HORSEPOWER AS REQUIRED TO MEET YOUR TOTAL PRESSURE LOSS. COORDINATE WITH ELECTRICIAN.
2. MAINTAIN MINIMUM CLEARANCE FOR COIL PULL AS RECOMMENDED BY UNIT MANUFACTURER. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON UNIT FOR SERVICE, MAINTENANCE, AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.

REMARKS:
1. UNIT TO BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. CONTROLLED BY PROGRAMMABLE WIRED THERMOSTAT.
3. REFRIGERANT LINES TO BE SIZED PER MANUFACTURER'S REQUIREMENTS.
4. INDOOR UNIT IS POWERED FROM OUTDOOR UNIT.

DUCTLESS MINI-SPLIT - OUTDOOR UNIT - COOLING ONLY

MARK	MIN. TOTAL CAPACITY (BTUH)	OUTDOOR AIR TEMP. (°F)	MINIMUM EER/ SEER	CURRENT CHARAC.			RELATED UNIT MARK	MCA	MOCP	BASIS OF DESIGN		REMARKS
				V	PH	F				MANUFACTURER	MODEL	
DMSCU-1	29,802	98	9.5/18.80	208	1	60	DMS-1	25	30	DAIKIN	RK36	1-3
DMSCU-2	29,802	98	9.5/18.80	208	1	60	DMS-2	25	30	DAIKIN	RK36	1-3
DMSCU-3	34,845	98	10.8/15.8	208	1	60	DMS-3	25	30	DAIKIN	RK36	1-3
DMSCU-4	29,802	98	9.5/18.80	208	1	60	DMS-4	25	30	DAIKIN	RK36	1-3
DMSCU-5	29,802	98	9.5/18.80	208	1	60	DMS-5	25	30	DAIKIN	RK36	1-3

GENERAL NOTES:
1. MINIMUM RECOMMENDED CLEARANCE AROUND ROOFTOP UNIT IS 12 INCHES ON NON-SERVICE SIDES AND 30 INCHES ON SERVICE SIDES. MAINTAIN MINIMUM CLEARANCE FOR CONDENSER AIR FLOW AS RECOMMENDED BY UNIT MANUFACTURER. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON UNIT FOR SERVICE, MAINTENANCE, AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.

REMARKS:
1. PROVIDE WITH LOW AMBIENT CONTROL DOWN TO 20°F.
2. PROVIDE WITH DISCONNECT SWITCH.
3. REFRIGERANT LINES TO BE SIZED PER MANUFACTURER'S REQUIREMENTS.

GRILLE

MARK	SERVICE	TYPE	DAMPER	CONSTRUCTION MATERIAL	FINISH COLOR	MANUFACTURER	MODEL NUMBER	DESCRIPTION
A	SUPPLY AIR	DIFFUSER	-	ALUMINUM	WHITE	TITUS	OMNI	EXPOSED T-BAR CEILING FRAME STYLE WITH 24"X24" OR 12"X12" FACE.
B	SUPPLY AIR	GRILLE	-	ALUMINUM	WHITE	TITUS	300FL	DOUBLE DEFLECTION SIDEWALL GRILLE WITH HORIZONTAL FRONT BARS. SURFACE MOUNTED (1)
C	RETURN AIR	DIFFUSER	-	ALUMINUM	WHITE	TITUS	PAR	EXPOSED T-BAR CEILING FRAME STYLE WITH A 24"X24" FACE. PERFORATED.
E	EXHAUST AIR	DIFFUSER	-	ALUMINUM	WHITE	TITUS	PAR	EXPOSED T-BAR CEILING FRAME STYLE WITH A 24"X24" OR 12"X12" FACE. PERFORATED FACE.
F	SUPPLY AIR	SLOT	-	ALUMINUM	WHITE	TITUS	FL-20	SURFACE MOUNT PLENUM SLOT DIFFUSER WITH (1) 3/4" SLOT (1)
G	RETURN AIR	GRILLE	-	ALUMINUM	WHITE	TITUS	350FL	DOUBLE DEFLECTION SIDEWALL GRILLE WITH HORIZONTAL FRONT BARS. SURFACE MOUNTED (1)
H	SUPPLY AIR	SLOT	-	ALUMINUM	WHITE	TITUS	FL-20	SURFACE MOUNT PLENUM SLOT DIFFUSER WITH (1) 3/4" SLOT (1)
Z	EXHAUST AIR	GRILLE	-	ALUMINUM	WHITE	TITUS	350FL	DOUBLE DEFLECTION SIDEWALL GRILLE WITH HORIZONTAL FRONT BARS. SURFACE MOUNTED (1)

GENERAL NOTES:
1. DAMPERS NOTED AS U.L. SHALL BE A 'U L' CLASSIFIED CEILING RADIATION DAMPER WITH THERMAL BLANKET.
2. COORDINATE FINAL AIR DEVICE LOCATION AND FINISH COLOR WITH ARCHITECT.

REMARKS:
1. NO FACE MOUNTED OPPOSED BLADE DAMPER

DX FAN/COIL UNIT

MARK	FAN					COOLING					CURRENT CHARAC.			MANUFACTURER	MODEL	REMARKS
	SUPPLY AIR CFM	OUTSIDE AIR CFM	EXT.STATIC PRESSURE (IN. W.C.)	HORSE POWER	CURRENT CHAR			AIR TEMPERATURE (°F)		MIN. TOTAL CAPACITY (BTUH)	MIN. SENS. CAPACITY (BTUH)	MINIMUM EER/ SEER	NUMBER OF STAGES					
					V	P	F	ENTERING DRY BULB	ENTERING WET BULB									
AHU-8	3,175	300	1.25	3.0	480	3	60	77.1	64.5	112,227	82,639	12.4/14.2	3	480	3	60	9	15	DAIKIN	T40IN	1,2,3,4

GENERAL NOTES:
1. EXTERNAL STATIC PRESSURE INCLUDES LOSSES DUE TO DUCTWORK, AIR DEVICES, DAMPERS, AND DUCT MOUNTED HOT WATER COILS WHERE APPLICABLE. DIRTY FILTER AND UNIT CASING MUST BE ADDED TO EXTERNAL STATIC PRESSURE TO OBTAIN TOTAL PRESSURE LOSS. INCREASE HORSEPOWER AS REQUIRED TO MEET YOUR TOTAL PRESSURE LOSS. COORDINATE WITH ELECTRICIAN.
2. MAINTAIN MINIMUM CLEARANCE FOR COIL PULL AS RECOMMENDED BY UNIT MANUFACTURER. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON UNIT FOR SERVICE, MAINTENANCE, AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.

REMARKS:
1. UNIT TO BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. REFRIGERANT LINES TO BE SIZED PER MANUFACTURER'S REQUIREMENTS.
3. PROVIDE HORIZONTAL UNIT.
4. INTERLOCK UNIT OPERATION WITH THE DUCT MOTORIZED DAMPERS.

RELIEF VENT & OUTSIDE AIR INTAKE

MARK	CFM	MAX. S.P. (IN.WC.)	MIN. THROAT AREA	MODEL	SERVES	REMARKS
OAI-1	3245	0.11	8 SF	GI	OAU-1	1,2,3,5
OAI-2	1970	0.11	5 SF	GI	OAU-2	1,2,3,5
OAI-3	2240	0.11	5 SF	GI	OAU-3	1,2,3,5
OAI-4	4420	0.11	9 SF	GI	OAU-4	1,2,3,5
OAI-5	6060	0.15	13 SF	GI	OAU-5	1,2,3,5
OAI-6	300	0.02	4 SF	GR	AHU-8	1,2,3,5
RV-1	5000	0.11	7 SF	GR	BUILDING RELIEF	1,2,4,5
RV-2	5000	0.11	7 SF	GR	BUILDING RELIEF	1,2,4,5

REMARKS:
1. PROVIDE WITH ROOF CURB.
2. PROVIDE WITH BIRD SCREEN.
3. PROVIDE WITH MOTORIZED DAMPER.
4. PROVIDE WITH BAROMETRIC RELIEF DAMPER.
5. HOOD SHALL BE RATED FOR 150MPH WIND LOADS.

AIR HANDLING UNIT

MARK	FAN							COOLING								HEATING						PIPE SIZE TO COIL (IN.)		REMARKS
	SUPPLY AIR CFM	OUTSIDE AIR CFM	EXT. STATIC PRESSURE (IN. W.C)	HORSE POWER	CURRENT			AIR TEMPERATURE (°F)				TOTAL COOLING CAPACITY	WATER			ENTERING AIR TEMPERATURE (°F)	MIN. HEATING CAPACITY	WATER			CHILLED WATER	HOT WATER	
					V	PH	F	ENTERING DRY BULB	ENTERING WET BULB	LEAVING DRY BULB	LEAVING WET BULB		ENTERING TEMP (°F)	GPM	PRESSURE DROP (FT.)			ENTERING TEMP. (°F)	GPM	PRESSURE DROP (FT.)			
AHU-1	15,315	1,880	2.00	20	480	3	60	75.0	62.5	53.0	52.5	440,500	45	72.2	15.0	-	NO HEATING	-	-	-	3"	-	1,3,4,8,9,12
AHU-2	12,700	1,970	2.00	15	480	3	60	75.0	62.5	53.0	52.5	365,300	45	60.8	15.0	-	NO HEATING	-	-	-	2 1/2"	-	1,3,5,8,9,12
AHU-3	13,425	2,240	2.00	20	480	3	60	75.0	62.5	53.0	52.5	386,200	45	64.3	15.0	-	NO HEATING	-	-	-	3"	-	1,3,5,8,9,12
AHU-4	16,670	3,245	2.00	20	480	3	60	75.0	62.5	53.0	52.5	479,500	45	78.5	15.0	-	NO HEATING	-	-	-	3"	-	1,3,4,8,9,12
AHU-5	17,890	1,855	2.00	15	480	3	60	75.0	62.5	53.0	52.5	342,000	45	56.9	15.0	-	NO HEATING	-	-	-	2 1/2"	-	1,3,5,8,9,12
AHU-6	14,100	6,060	2.00	20	480	3	60	75.0	62.5	53.0	52.5	405,600	45	67.5	15.0	-	NO HEATING	-	-	-	3"	-	1,3,5,7,9,12
AHU-7	14,210	2,565	2.00	20	480	3	60	75.0	62.5	53.0	52.5	408,900	45	68.0	15.0	-	NO HEATING	-	-	-	3"	-	1,3,5,8,9,12
OAU-1	5,125	5,125	1.50	5	480	3	60	90.0	98.0	53.0	52.5	1,073,900	45	178.8	15.0	27	154,980	130	16	10	4"	1 1/2"	2,3,6,8,9,10,11,12
OAU-2	1,970	1,970	1.50	3	480	3	60	98.0	98.0	53.0	52.5	411,600	45	68.5	15.0	27	59,573	130	6	10	3"	1"	2,3,6,8,9,10,11,12
OAU-3	2,240	2,240	1.50	3	480	3	60	98.0	98.0	53.0	52.5	468,000	45	77.9	15.0	27	67,738	130	7	10	3"	1 1/4"	2,3,6,8,9,10,11,12
OAU-4	4,420	4,420	1.50	5	480	3	60	98.0	98.0	53.0	52.5	923,500	45	153.7	15.0	27	133,661	130	14	10	4"	1 1/2"	2,3,6,8,9,10,11,12
OAU-5	6,060	6,060	-	-	-	-	-	98.0	98.0	53.0	52.5	1,270,100	45	211.4	15.0	27	183,254	130	19	10	4"	1 1/2"	2,9,10,11,13,14,15

GENERAL NOTES:
1. EXTERNAL STATIC PRESSURE INCLUDES LOSSES DUE TO DUCTWORK, AIR DEVICES, DAMPERS, AND DUCT MOUNTED HOT WATER COILS WHERE APPLICABLE. DIRTY FILTER AND UNIT CASING MUST BE ADDED TO EXTERNAL STATIC PRESSURE TO OBTAIN TOTAL PRESSURE LOSS. INCREASE HORSEPOWER AS REQUIRED TO MEET YOUR TOTAL PRESSURE LOSS. COORDINATE WITH ELECTRICIAN.
2. MAINTAIN MINIMUM CLEARANCE FOR COIL PULL AS RECOMMENDED BY UNIT MANUFACTURER. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS ON UNIT FOR SERVICE, MAINTENANCE, AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.

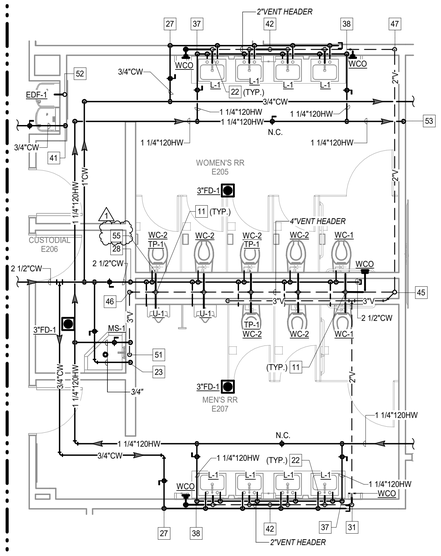
REMARKS:
1. VELOCITY NOT TO EXCEED 500 FPM ON COOLING COIL.
2. VELOCITY NOT TO EXCEED 450 FPM ON COOLING COIL.
3. PROVIDE HORIZONTAL UNIT.
4. PROVIDE VERTICAL UNIT.
5. PROVIDE VARIABLE VOLUME UNIT WITH VARIABLE FREQUENCY DRIVE.
6. PROVIDE CONSTANT VOLUME UNIT WITH VARIABLE FREQUENCY DRIVE.
7. PROVIDE FRONT DISCHARGE.
8. PROVIDE TOP DISCHARGE.
9. PROVIDE TWO-WAY COOLING CONTROL VALVES.
10. PROVIDE THREE-WAY HEATING CONTROL VALVES.
11. PROVIDE HOT WATER COIL IN PRE-HEAT POSITION.
12. PROVIDE UNIT WITH ANGLED FILTER SECTION.
13. PROVIDE UNIT WITH FLAT FILTER SECTION.
14. PROVIDE SPLIT DEHUDIFICATION UNIT. UNIT TO BE MOUNTED ON TOP OF AHU AND BE CONFIGURED TO SUPPLY AIR IN THE MIXING BOX SECTION ON AHU-6.
15. UNIT INDICATED SHALL BE STACKED OAU FURNISHED WITH ASSOCIATED AHU-6 (LISTED ABOVE). UNIT INCLUDES FLAT FILTER MIXING BOX, PREHEAT COIL, ACCESS SPACE, COOLING COIL, AND DISCHARGE PLENUM. UNIT DOES NOT HAVE FAN SECTION.

PACKAGED AIR COOLED CHILLER - SCREW

MARK	ACTUAL CAPACITY (TONS)	LEAVING WATER TEMP. (°F)	GPM	PRESSURE DROP (FT.)	AMBIENT AIR TEMP. (°F)	CURRENT CHARAC.			MCA	MOCP	BASIS OF DESIGN		REMARKS
						V	P	F			MANUFACTURER	MODEL	
ACC-1	245	42	588	20.0	98 °F	480	3	60	513	700	DAIKIN	AWV016B	1-6
ACC-2	245	42	588	20.0	98 °F	480	3	60	513	700	DAIKIN	AWV016B	1-6

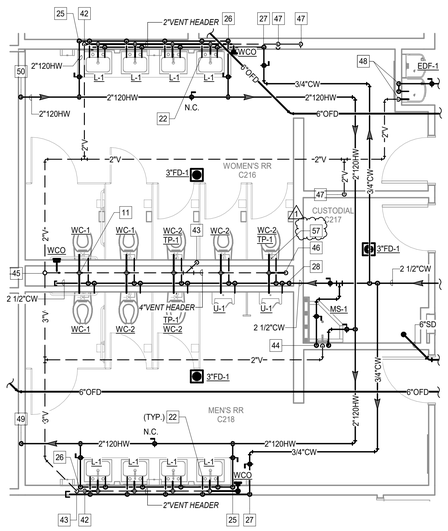
GENERAL NOTES:
1. MAXIMUM FOULING FACTOR FOR THE EVAPORATOR IS 0.0001
2. MAINTAIN MINIMUM CLEARANCES REQUIRED BY CHILLER MANUFACTURER FOR PROPER AIRFLOW TO FANS AND UNIT. MAINTAI

NOTE:
1. PROVIDE WALL CLEANOUTS ABOVE THE FLOOD RIM OF EACH URINAL AND THE END OF LINE WATER CLOSET AND LAVATORY BANK.
2. RE: FIXTURE SCHEDULE SHEET P-402 FOR FIXTURE ROUGH-IN SIZE.
3. REFER TO P-500 SERIES FOR WASTE, VENT AND WATER RISER DIAGRAMS.



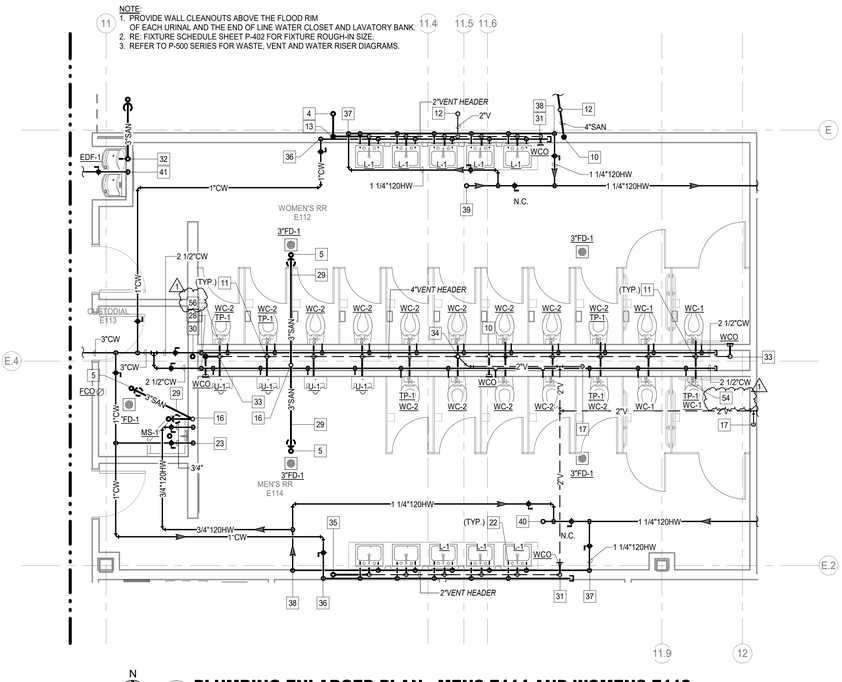
4 PLUMBING FLOOR PLAN - MENS E207 AND WOMENS E206
Scale: 1/4" = 1'-0"

NOTE:
1. PROVIDE WALL CLEANOUTS ABOVE THE FLOOD RIM OF EACH URINAL AND THE END OF LINE WATER CLOSET AND LAVATORY BANK.
2. RE: FIXTURE SCHEDULE SHEET P-402 FOR FIXTURE ROUGH-IN SIZE.
3. REFER TO P-500 SERIES FOR WASTE, VENT AND WATER RISER DIAGRAMS.



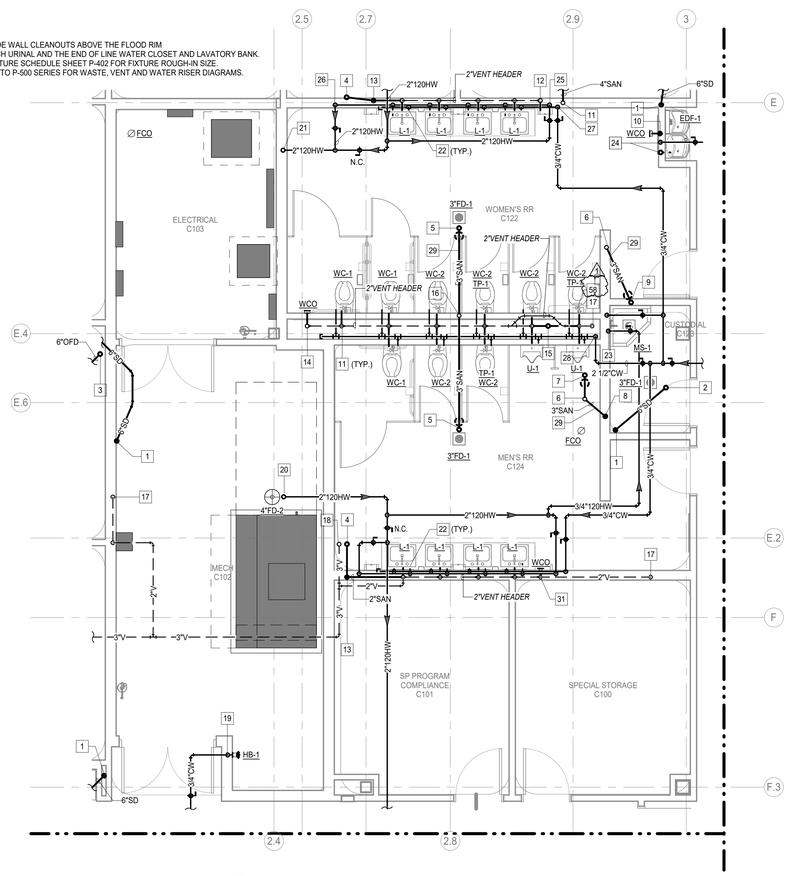
3 PLUMBING ENLARGED PLAN - LEVEL 2
Scale: 1/4" = 1'-0"

NOTE:
1. PROVIDE WALL CLEANOUTS ABOVE THE FLOOD RIM OF EACH URINAL AND THE END OF LINE WATER CLOSET AND LAVATORY BANK.
2. RE: FIXTURE SCHEDULE SHEET P-402 FOR FIXTURE ROUGH-IN SIZE.
3. REFER TO P-500 SERIES FOR WASTE, VENT AND WATER RISER DIAGRAMS.



2 PLUMBING ENLARGED PLAN - MENS E114 AND WOMENS E112
Scale: 1/4" = 1'-0"

NOTE:
1. PROVIDE WALL CLEANOUTS ABOVE THE FLOOD RIM OF EACH URINAL AND THE END OF LINE WATER CLOSET AND LAVATORY BANK.
2. RE: FIXTURE SCHEDULE SHEET P-402 FOR FIXTURE ROUGH-IN SIZE.
3. REFER TO P-500 SERIES FOR WASTE, VENT AND WATER RISER DIAGRAMS.



1 PLUMBING ENLARGED PLAN - LEVEL 1
Scale: 1/4" = 1'-0"

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.

PLUMBING KEYED NOTES "⊠"

1 6" STORM DOWN.
2 6" STORM FROM ABOVE.
3 6" OVERFLOW FROM ABOVE.
4 2" WASTE FROM ABOVE.
5 3" WASTE FROM DRAIN ABOVE. PROVIDE P-TRAP. TRAP SEAL PROTECTION SERVED BY TRAP PRIMER (TP-1)
6 3" WASTE DOWN, 2" VENT UP.
7 3" WASTE FROM DRAIN ABOVE PROVIDE P-TRAP.
8 3" WASTE DOWN TO BELOW SLAB.
9 3" WASTE FROM DRAIN ABOVE. PROVIDE P-TRAP. PROVIDE TRAP GUARD FOR TRAP SEAL PROTECTION. RE: SHEET P-301 FOR DETAIL.
10 4" WASTE DOWN TO BELOW SLAB.
11 4" WASTE DOWN, 2" VENT UP.
12 2" VENT UP.
13 2" WASTE DOWN TO BELOW SLAB,
14 4" WASTE DOWN, 4"VENT UP TO FLOOR ABOVE
15 4" WASTE FROM FLOOR ABOVE, DOWN TO BELOW SLAB.
16 3" WASTE STACK TO BELOW SLAB, 3" STACK VENT TO FLOOR ABOVE.
17 2" VENT UP FROM BELOW SLAB.
18 3" VENT UP.
19 3/4" COLD WATER DOWN, ROUGH-IN AND CONNECT TO FIXTURE(S). COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF HB-1 WITH ARCHITECT/OWNER
20 2" HOT WATER FROM FLOOR ABOVE.
21 2" HOT WATER TO FLOOR ABOVE.
22 3/4" HOT AND COLD WATER, RISE 2" VENT UP, 2" WASTE DOWN, ROUTE HOT AND COLD WATER LINES THRU POINT OF USE MIXING VALVE EXTEND AND ROUGH-IN TO FIXTURE(S). RE: SHEET P-302 FOR DETAIL
23 DROP 3/4" HOT AND COLD WATER DOWN. EXTEND AND ROUGH-IN TO FIXTURE(S).
24 DROP 3/4" COLD WATER DOWN. 2"WASTE STACK DOWN, FROM ABOVE TO BELOW SLAB, EXTEND AND ROUGH-IN TO FIXTURE(S).
25 DROP 2" HOT(120°) LOOP DOWN IN WALL, EXTEND AND ROUGH-IN FOR FIXTURE(S).
26 RISE 2" HOT(120°) LOOP UP FROM WALL. RE: SHEET P-301 FOR HW CIRCULATION AT PUBLIC LAVATORIES DETAIL.
27 DROP 3/4" COLD WATER DOWN IN CHASE, EXTEND 3/4" COLD WATER HEADER, CAP AND ROUGH-IN TO FIXTURES.
28 DROP 2-1/2" COLD WATER DOWN IN CHASE, EXTEND 2-1/2" COLD WATER HEADER, CAP AND ROUGH-IN TO FIXTURES. PROVIDE SHOCK ARRESTOR PRIOR TO LAST FLUSH VALVE.
29 WASTE PIPING ROUTED IN CEILING.
30 4" WASTE RISER FROM ABOVE, TO BELOW SLAB.
31 2" WASTE DOWN, 2" VENT UP.
32 3" WASTE STACK FROM ABOVE, DOWN TO BELOW SLAB. ROUGH-IN FOR FIXTURE
33 4" WASTE DOWN, 4" VENT UP.
34 4" VENT UP.
35 2" WASTE RISER FROM FLOOR ABOVE, DOWN TO BELOW SLAB.
36 DROP 1" COLD WATER DOWN IN CHASE, EXTEND 1" COLD WATER HEADER, CAP AND ROUGH-IN TO FIXTURES.
37 DROP 1-1/4" HOT(120°) LOOP DOWN IN WALL, EXTEND AND ROUGH-IN FOR FIXTURE(S).
38 RISE 1-1/4" HOT(120°) LOOP UP FROM WALL, RE: SHEET P-301 FOR HW CIRCULATION AT PUBLIC LAVATORIES DETAIL.
39 1-1/4" HOT WATER FROM FLOOR ABOVE.
40 1-1/4" HOT WATER TO FLOOR ABOVE.
41 3/4" COLD WATER DOWN, ROUGH-IN AND CONNECT TO FIXTURE(S).
42 2" WASTE DOWN TO BELOW FLOOR, 2" VENT UP.
43 3" VENT UP FROM BELOW FLOOR
44 DROP 3/4" HOT AND COLD WATER DOWN. RISE 2" VENT UP, 3" WASTE DOWN EXTEND AND ROUGH-IN TO FIXTURE(S).
45 4" VENT UP FROM BELOW FLOOR, UP TO 4"VTR
46 4" WASTE DOWN TO BELOW FLOOR, 4" VENT UP.
47 2" VENT UP FROM BELOW FLOOR
48 DROP 3/4" COLD WATER DOWN. 2"WASTE STACK DOWN, 2" STACK VENT UP, EXTEND AND ROUGH-IN TO FIXTURE(S).
49 2" HOT WATER TO FLOOR BELOW.
50 2" HOT WATER FROM FLOOR BELOW.
51 3" STACK VENT FROM BELOW FLOOR
52 3" WASTE STACK TO BELOW FLOOR, 3" STACK VENT UP TO 3"VTR, ROUGH-IN FOR FIXTURE.
53 ~~1-1/4" HOT WATER TO FLOOR BELOW.~~
54 TRAP PRIMER (TP-1) TO SERVE DRAIN IN BREAK ROOM E108 RE: PLUMBING DETAIL SHEET P-501 FOR FLUSH VALVE TRAP PRIMER DETAIL, AND SHEET P-602 FOR FIXTURE SCHEDULE
55 TRAP PRIMER (TP-1) TO SERVE DRAIN IN CUSTODIAL ROOM E206 RE: PLUMBING DETAIL SHEET P-501 FOR FLUSH VALVE TRAP PRIMER DETAIL, AND SHEET P-602 FOR FIXTURE SCHEDULE
56 TRAP PRIMER (TP-1) TO SERVE DRAIN IN CUSTODIAL ROOM E113 RE: PLUMBING DETAIL SHEET P-501 FOR FLUSH VALVE TRAP PRIMER DETAIL, AND SHEET P-602 FOR FIXTURE SCHEDULE
57 TRAP PRIMER (TP-1) TO SERVE DRAIN IN CUSTODIAL ROOM C217 RE: PLUMBING DETAIL SHEET P-501 FOR FLUSH VALVE TRAP PRIMER DETAIL, AND SHEET P-602 FOR FIXTURE SCHEDULE
58 TRAP PRIMER (TP-1) TO SERVE DRAIN IN CUSTODIAL ROOM C123 RE: PLUMBING DETAIL SHEET P-501 FOR FLUSH VALVE TRAP PRIMER DETAIL, AND SHEET P-602 FOR FIXTURE SCHEDULE

GPD GROUP
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CONSULTANTS:

MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.

Salas O'Brien
Houston
10330 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

REV.	DATE	DESCRIPTION
1	05/30/2025	Addendum #2

BRADLEY KALMANS 80219 LICENSED PROFESSIONAL ENGINEER
05-30-25

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

PLUMBING ENLARGED FLOOR PLANS

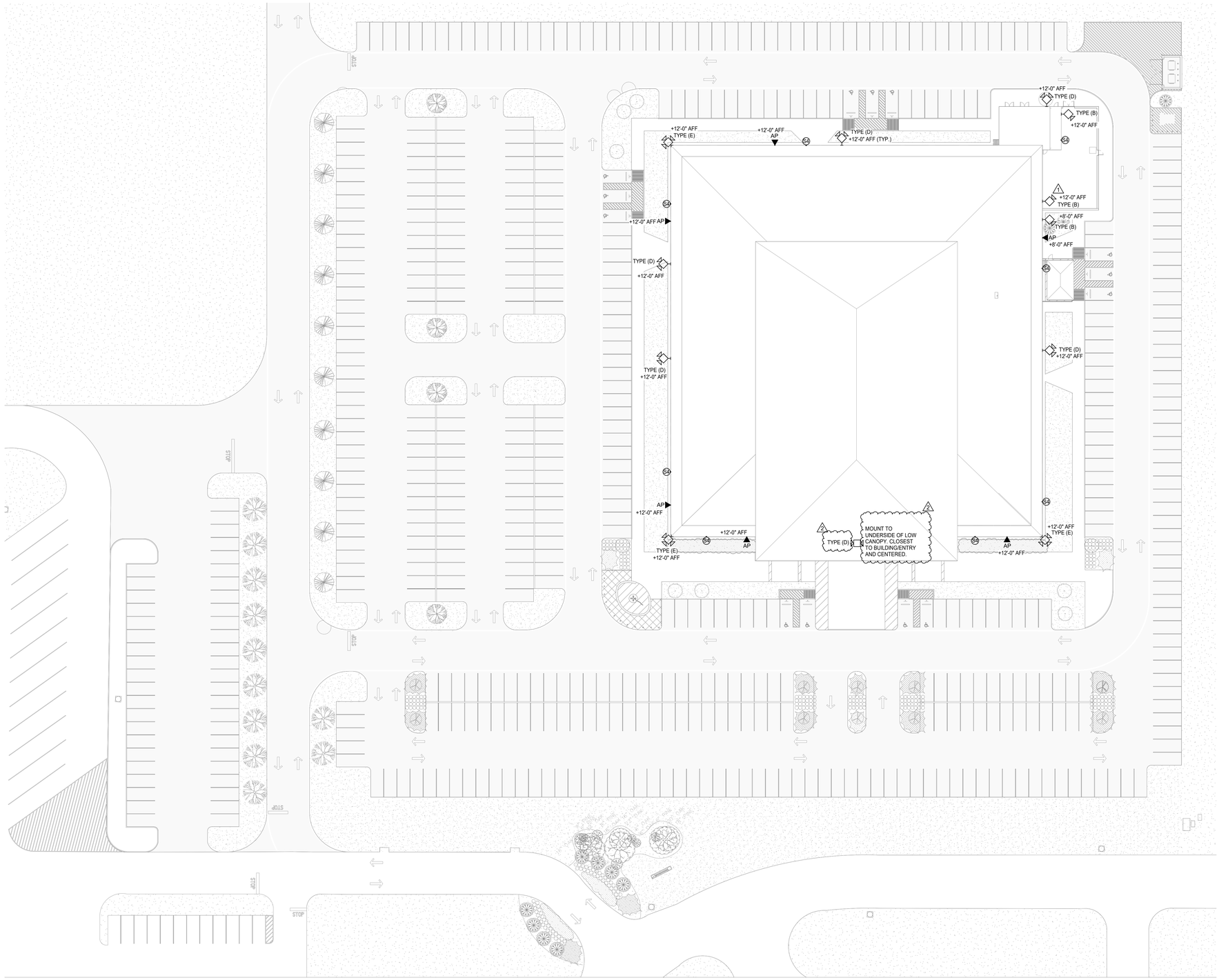
ISSUED: FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	--/--/----
RECORD	--/--/----

PROJECT MANAGER	DESIGNER
CA	JH

JOB NO. 2023159.00

P-202

5/23/2025 11:12:49 AM



N

1 **TECHNOLOGY ENLARGED SITE PLAN**
Scale: 1" = 30'-0"

GPD GROUP
Professional Corporation
2121 Sage Road, Suite 240
Houston, TX 77056
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CONSULTANTS:

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10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

REV.	DATE	DESCRIPTION
1	05/20/2025	Addendum #1
2	05/30/2025	Addendum #2

BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL ENGINEER
STATE OF TEXAS
05-30-25

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

TECHNOLOGY ENLARGED SITE PLAN

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

PROJECT MANAGER	DESIGNER
CA	MA

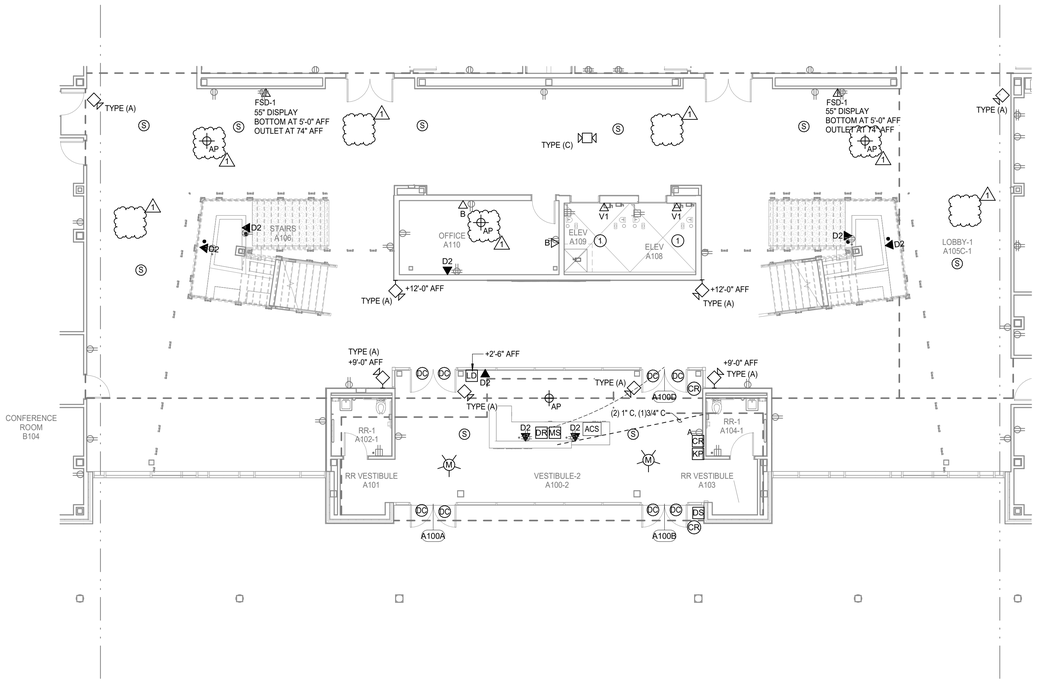
JOB NO.
2023159.00

T-100.2

5/29/2025 2:10:26 PM

TECHNOLOGY KEYED NOTES

1. PROVIDE KINGS III CELLULAR EMERGENCY PHONE SOLUTION FOR ELEVATORS. COORDINATE EXACT CELLULAR DIALER INSTALLATION LOCATION FOR OPTIMAL SIGNAL STRENGTH. PROVIDE EMERGENCY POWER FOR DIALER. COORDINATE EXACT REQUIREMENTS WITH ELEVATOR VENDOR AND DIVISION 26 PRIOR TO COMMENCEMENT OF WORK.



N

1 **TECHNOLOGY FLOOR PLAN - LEVEL 1 - UNIT A1**
Scale: 1/8" = 1'-0"

GPD GROUP
Professional Corporation
2121 Sage Road, Suite 240
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CONSULTANTS:

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Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

D	D.2
C	G E
B	A F

REV.	DATE	DESCRIPTION
1	05/30/2025	Addendum # 2

BRADLEY KALMANS
80210
LICENSED
PROFESSIONAL ENGINEER
05-30-25

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

TECHNOLOGY FIRST FLOOR AREA - A1

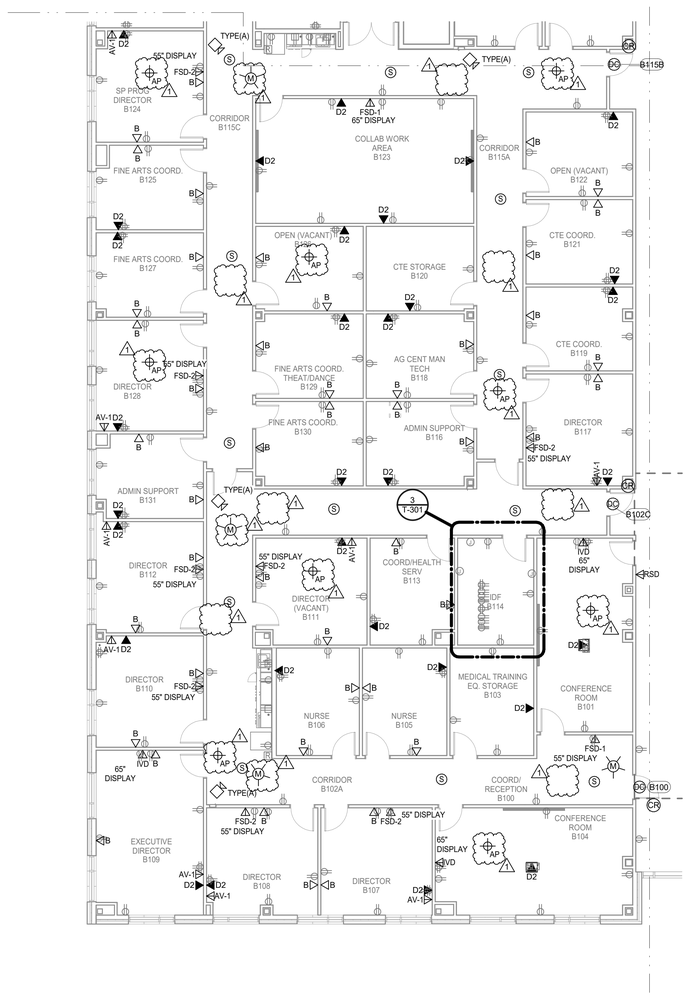
ISSUED: FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	--/--/----
RECORD	--/--/----

PROJECT MANAGER	DESIGNER
CA	MA

JOB NO.
2023159.00

T-103-A1

5/29/2025 8:57:08 AM



N

1 **TECHNOLOGY FLOOR PLAN - LEVEL 1 - UNIT B1**

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

GPD GROUP
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CONSULTANTS:

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Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

D	D.2	
C	G	E
B	A	F

REV.	DATE	DESCRIPTION
1	05/30/2025	Addendum #2

BRADLEY KALMANS
STATE OF TEXAS
90219
LICENSED
PROFESSIONAL ENGINEER
05-30-25

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

TECHNOLOGY FIRST FLOOR AREA - B1

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

PROJECT MANAGER	DESIGNER
CA	MA

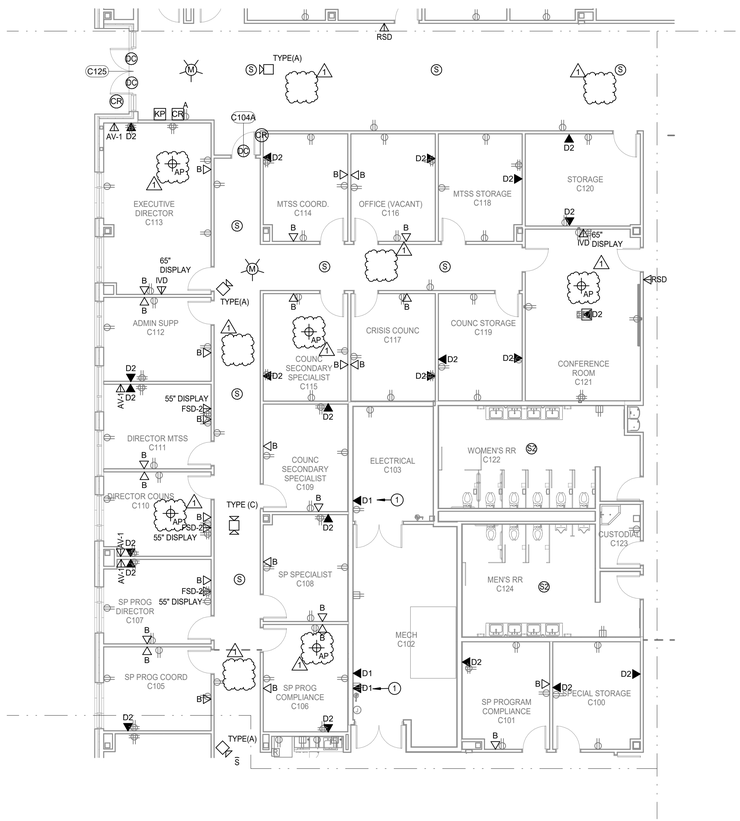
JOB NO.
2023159.00

T-104-B1

5/29/2025 8:57:12 AM

TECHNOLOGY KEYED NOTES

1. PROVIDE ONE (1) CATEGORY 6E DATA CIRCUIT FOR THE BUILDING MANAGEMENT CONTROL SYSTEM. COORDINATE WITH THE CONTRACTOR FOR EXACT LOCATION AND TERMINATION TYPE.
2. ALL DEVICES INCLUDING WALL PLATES AND CABLING IN THIS ROOM TO BE BLACK IN COLOR.
3. CONTRACTOR PROVIDED WALL MOUNTED PROJECTOR SCREEN. TOP OF SCREEN SHALL BE MOUNTED AT 9'-0". REFER TO EQUIPMENT MANUFACTURER FOR ALL INSTALLATION REQUIREMENT.



N

1 **TECHNOLOGY FLOOR PLAN - LEVEL 1 - UNIT C1**
Scale: 1/8" = 1'-0"

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CONSULTANTS:

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Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

D	D.2
C	G E
B	A F

REV.	DATE	DESCRIPTION
1	05/30/2025	Addendum # 2

BRADLEY KALMANS
80218
LICENSED
PROFESSIONAL ENGINEER
05-30-25

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

TECHNOLOGY FIRST FLOOR AREA - C1

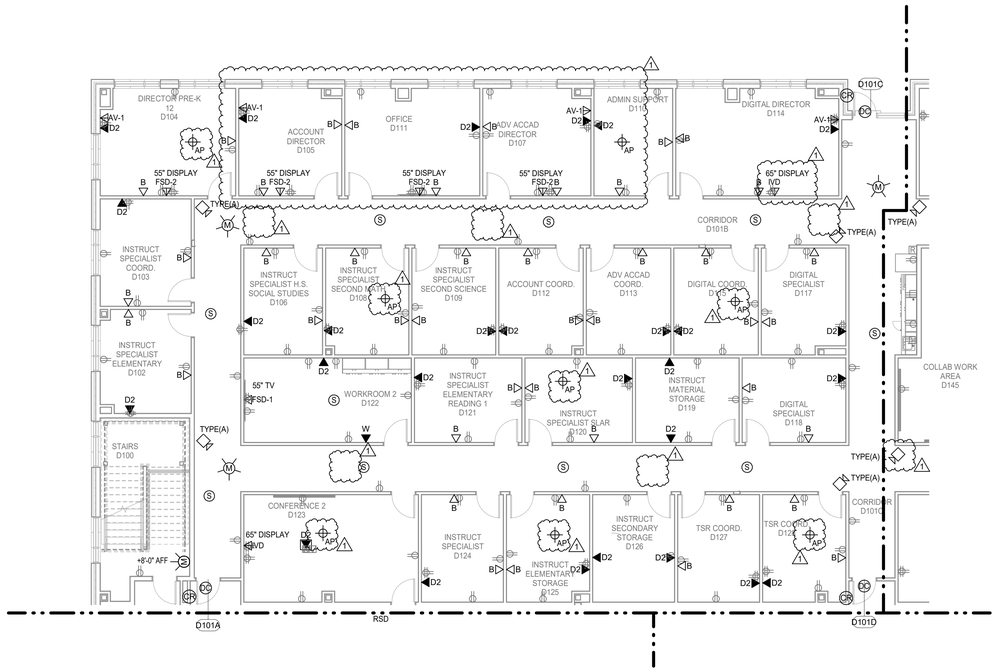
ISSUED: FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	--/--/----
RECORD	--/--/----

PROJECT MANAGER	DESIGNER
CA	MA

JOB NO.
2023159.00

T-105-C1

5/29/2025 8:57:16 AM



N

1 **TECHNOLOGY FLOOR PLAN - LEVEL 1 - UNIT D1**

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

GPD GROUP
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CONSULTANTS:

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Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

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REV.	DATE	DESCRIPTION
1	05/30/2025	Addendum #2

BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL
ENGINEER
05-30-25

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

TECHNOLOGY FIRST FLOOR AREA - D1

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

PROJECT MANAGER	DESIGNER
CA	MA

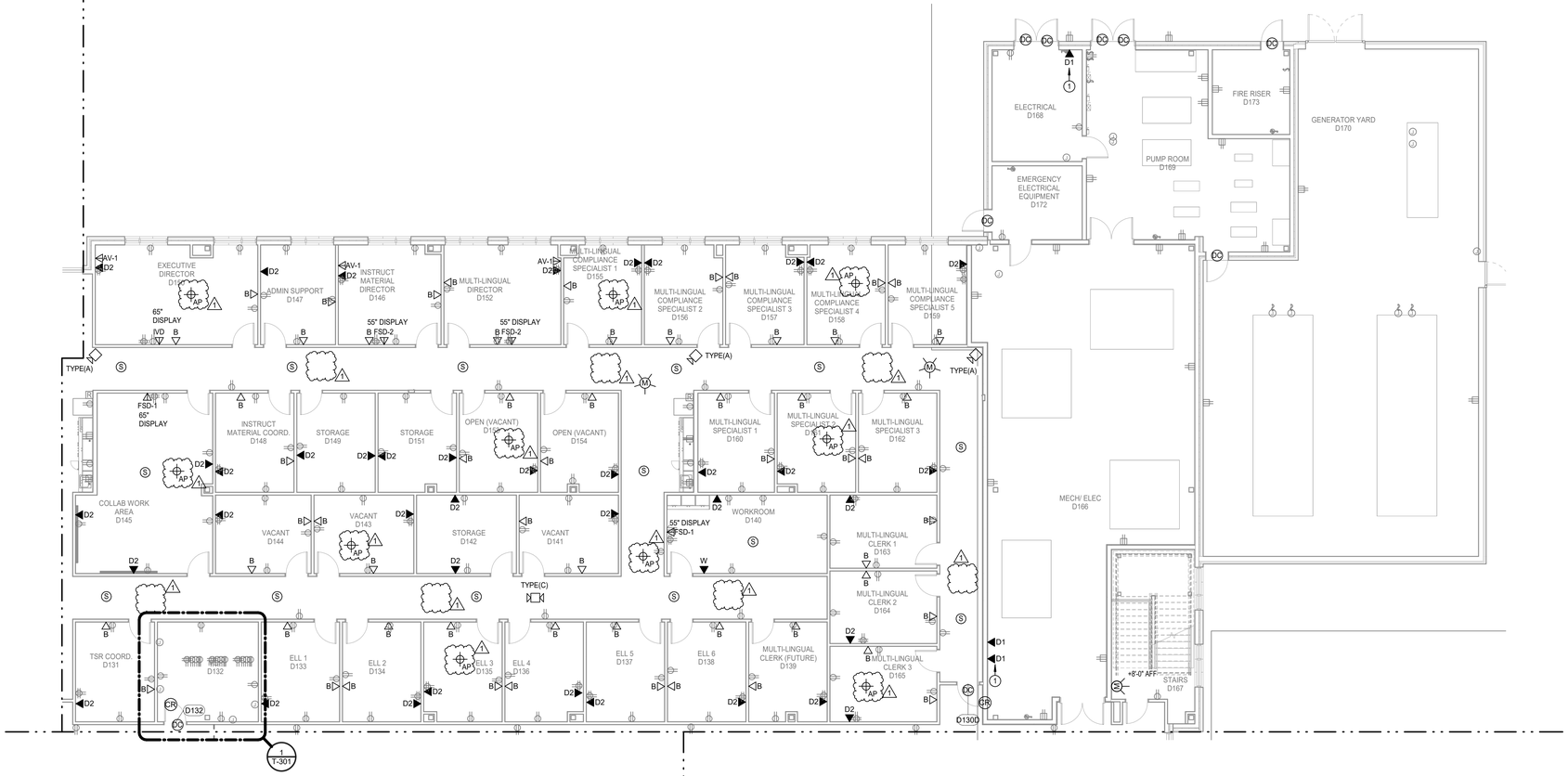
JOB NO.
2023159.00

T-106-D1

5/29/2025 11:12:04 AM

TECHNOLOGY KEYED NOTES

1. PROVIDE ONE (1) CATEGORY 6E DATA CIRCUIT FOR THE BUILDING MANAGEMENT CONTROL SYSTEM. COORDINATE WITH THE CONTRACTOR FOR EXACT LOCATION AND TERMINATION TYPE.
2. ALL DEVICES INCLUDING WALL PLATES AND CABLING IN THIS ROOM TO BE BLACK IN COLOR.
3. CONTRACTOR PROVIDED WALL MOUNTED PROJECTOR SCREEN. TOP OF SCREEN SHALL BE MOUNTED AT 9'-0". REFER TO EQUIPMENT MANUFACTURER FOR ALL INSTALLATION REQUIREMENT.



N

1 **TECHNOLOGY FLOOR PLAN - LEVEL 1 - UNIT D1.2**
Scale: 1/8" = 1'-0"

GPD GROUP
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CONSULTANTS:

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Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

D	D.2
C	G E
B	A F

REV.	DATE	DESCRIPTION
1	05/30/2025	Addendum #2

BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL ENGINEER
05-30-25

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

TECHNOLOGY FIRST FLOOR AREA - D1.2

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

PROJECT MANAGER	DESIGNER
CA	MA

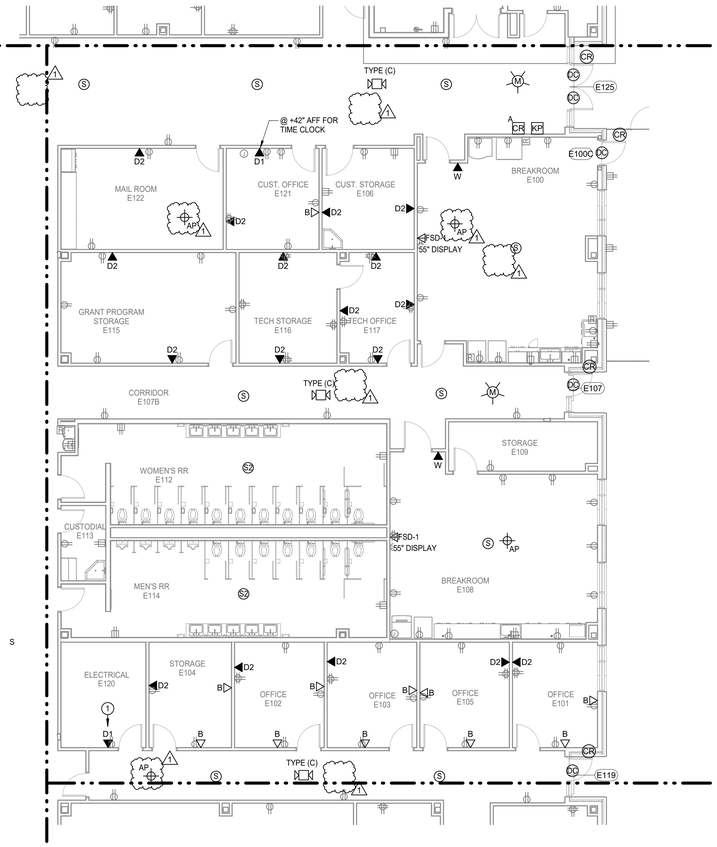
JOB NO.
2023159.00

T-107-D1.2

5/29/2025 10:56:47 AM

TECHNOLOGY KEYED NOTES

1. PROVIDE ONE (1) CATEGORY 6E DATA CIRCUIT FOR THE BUILDING MANAGEMENT CONTROL SYSTEM. COORDINATE WITH THE CONTRACTOR FOR EXACT LOCATION AND TERMINATION TYPE.



N

1 **TECHNOLOGY FLOOR PLAN - LEVEL 1 - UNIT E1**

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

GPD GROUP
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CONSULTANTS:

MEPT ENGINEERS
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Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

D	D.2
C	G / E
B	A / F

REV.	DATE	DESCRIPTION
1	05/30/2025	Addendum #2

BRADLEY KALMANS
80219
LICENSED
ARCHITECT
05-30-25

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

TECHNOLOGY FIRST FLOOR AREA - E1

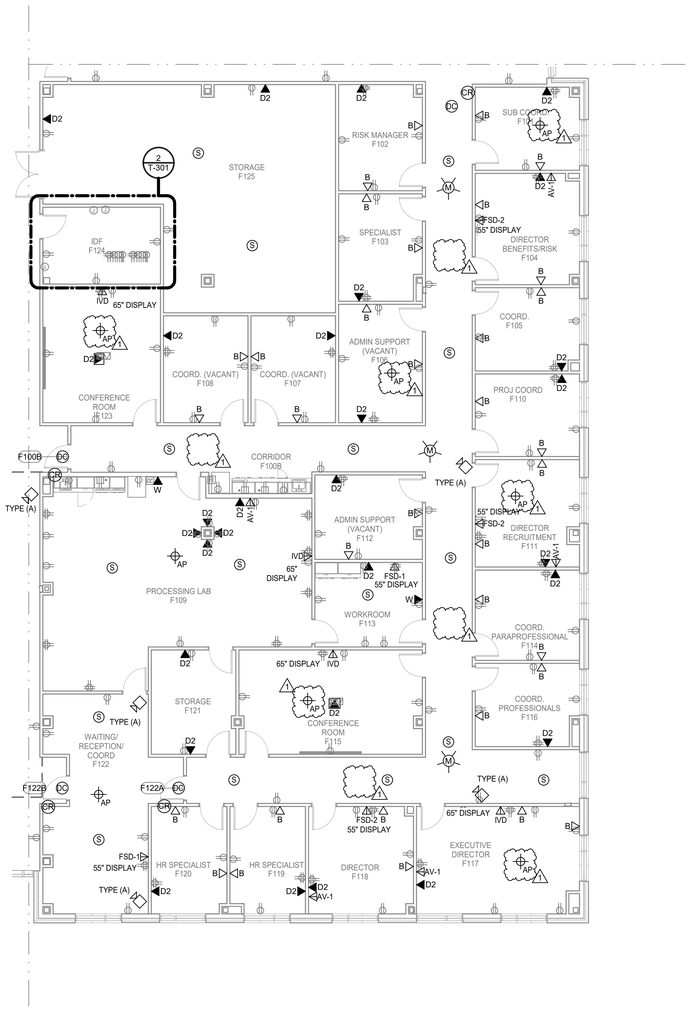
ISSUED: FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	--/--/----
RECORD	--/--/----

PROJECT MANAGER	DESIGNER
CA	MA

JOB NO.
2023159.00

T-108-E1

5/29/2025 8:57:25 AM



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1 **TECHNOLOGY FLOOR PLAN - LEVEL 1 - UNIT F1**
Scale: 1/8" = 1'-0"

GPD GROUP
Professional Corporation
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Houston, TX 77056
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CONSULTANTS:

MEPT ENGINEERS
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REGISTRATION No.

Salas O'Brien
Houston
10330 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

D | D.2
C | G | E
B | A | F

REV.	DATE	DESCRIPTION
1	05/30/2025	Addendum #2

BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL ENGINEER
05-30-25

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

TECHNOLOGY FIRST FLOOR AREA - F1

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

PROJECT MANAGER	DESIGNER
CA	MA

JOB NO.
2023159.00

T-109-F1

5/29/2025 8:57:28 AM

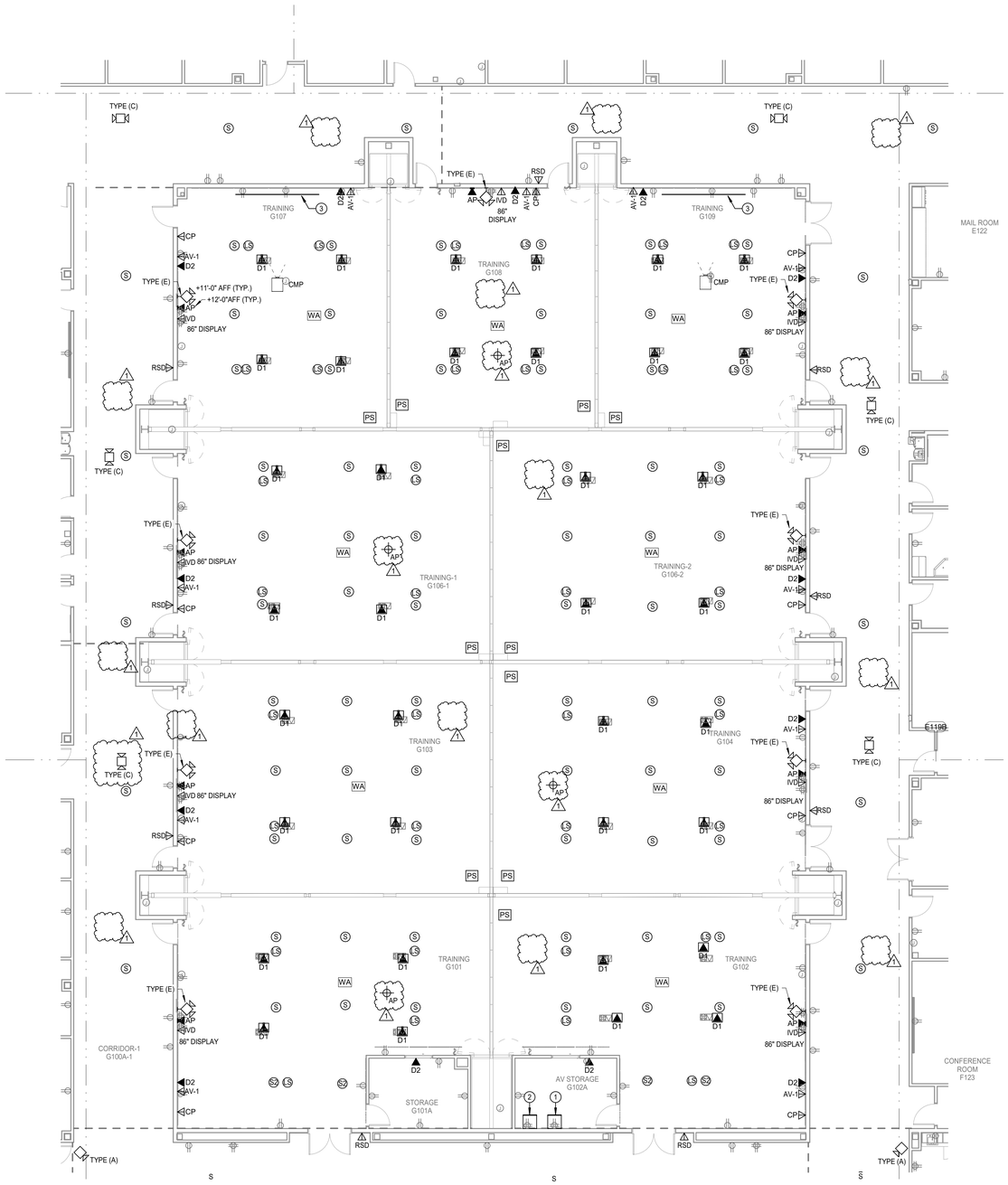
TECHNOLOGY GENERAL NOTES

A. COORDINATE WALL MOUNTED CAMERAS AND WIRELESS ACCESS POINTS LOCATION AND HEIGHTS AT TRAINING ROOMS WITH ACOUSTIC PANELS INSTALLER PRIOR TO ROUGH-IN. CAMERAS TO BE AT THE VERTICAL CENTER OF THE WALL.

B. THE VERTICAL CENTER OF INTERACTIVE DISPLAYS SHALL ALIGN WITH THE VERTICAL CENTER OF THE WALL WHICH DISPLAY IS MOUNTED TO.

(#) TECHNOLOGY KEYED NOTES

1. LOCATION OF WALL MOUNTED CABINET THAT SHALL BE UTILIZED FOR WIRELESS MICROPHONE SYSTEM ANTENNAS, RECIEVERS, TRANSMITTERS AND CHARGING STATIONS. PROVIDE RACK MOUNT DRAWERS AS SPECIFIED.
2. LOCATION OF WALL MOUNTED CABINET THAT SHALL HOUSE ALL AUDIOVISUAL EQUIPMENT EXCLUDING WIRELESS MICROPHONE SYSTEM.
3. MOTORIZED PROJECTION SCREEN.



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1 **TECHNOLOGY FLOOR PLAN - LEVEL 1 - UNIT G1**
Scale: 1/8" = 1'-0"

GPD GROUP
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CONSULTANTS:

MEPT ENGINEERS
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REGISTRATION No.

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Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

D | D.2
C | G | E
B | A | F

REV:	DATE	DESCRIPTION
1	05/30/2025	Addendum #2

BRADLEY KALMANS
80219
LICENSED
05-30-25

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

TECHNOLOGY FIRST FLOOR AREA - G1

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

PROJECT MANAGER	DESIGNER
CA	MA

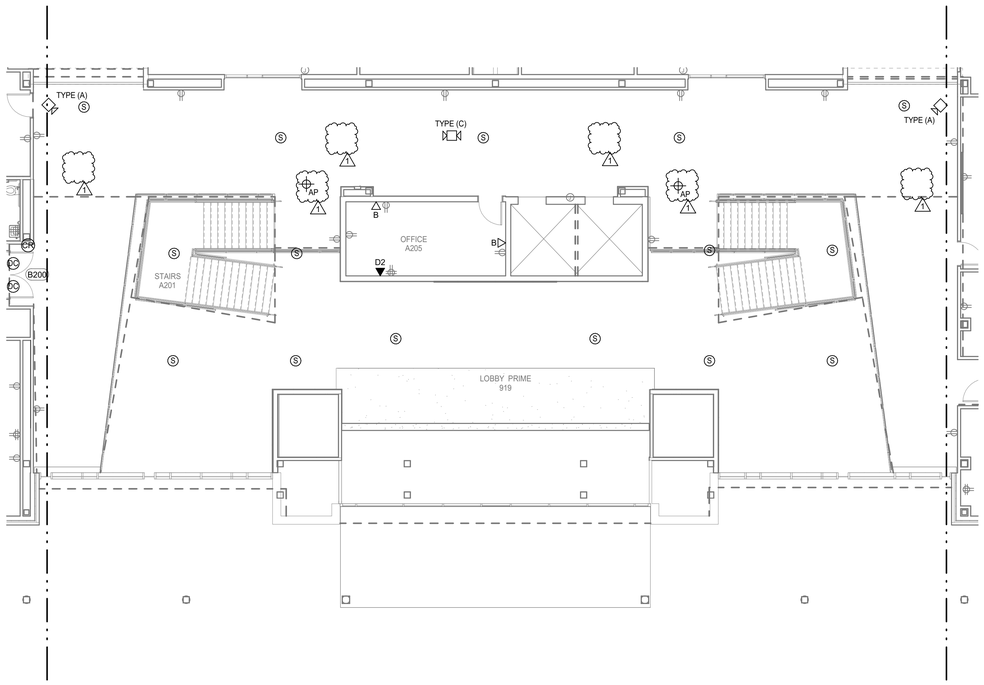
JOB NO.
2023159.00

T-110-G1

5/29/2025 11:18:59 AM

TECHNOLOGY KEYED NOTES

1. PROVIDE ONE (1) CATEGORY 6E DATA CIRCUIT FOR THE BUILDING MANAGEMENT CONTROL SYSTEM. COORDINATE WITH THE CONTRACTOR FOR EXACT LOCATION AND TERMINATION TYPE.
2. ALL DEVICES INCLUDING WALL PLATES AND CABLING IN THIS ROOM TO BE BLACK IN COLOR.
3. CONTRACTOR PROVIDED WALL MOUNTED PROJECTOR SCREEN. TOP OF SCREEN SHALL BE MOUNTED AT 9'-0". REFER TO EQUIPMENT MANUFACTURER FOR ALL INSTALLATION REQUIREMENT.



N

1 **TECHNOLOGY FLOOR PLAN - LEVEL 2 - UNIT A2**
Scale: 1/8" = 1'-0"

GPD GROUP
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CONSULTANTS:

MEPT ENGINEERS
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REGISTRATION No.

Salas O'Brien
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

D2	D2.2	
C2	G2	E2
B2	A2	F2

REV.	DATE	DESCRIPTION
1	05/30/2025	Addendum #2

BRADLEY KALMANS
80210
LICENSED
ARCHITECT
05-30-25

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

TECHNOLOGY SECOND FLOOR AREA - A2

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

PROJECT MANAGER	DESIGNER
CA	MA

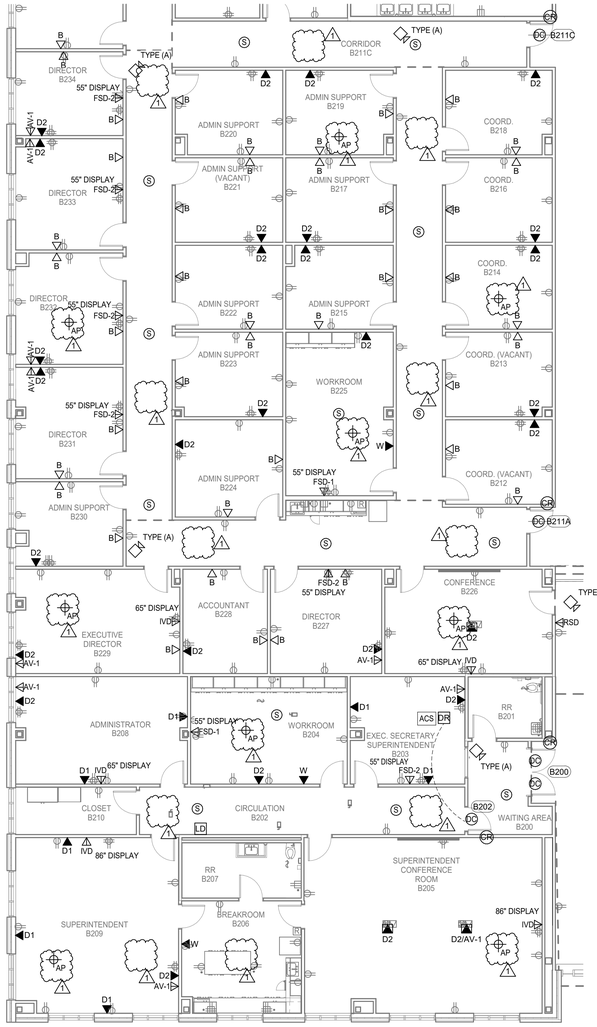
JOB NO.
2023159.00

T-111-A2

5/29/2025 8:57:36 AM

TECHNOLOGY KEYED NOTES

1. PROVIDE ONE (1) CATEGORY 6E DATA CIRCUIT FOR THE BUILDING MANAGEMENT CONTROL SYSTEM. COORDINATE WITH THE CONTRACTOR FOR EXACT LOCATION AND TERMINATION TYPE.
2. ALL DEVICES INCLUDING WALL PLATES AND CABLING IN THIS ROOM TO BE BLACK IN COLOR.
3. CONTRACTOR PROVIDED WALL MOUNTED PROJECTOR SCREEN. TOP OF SCREEN SHALL BE MOUNTED AT 9'-0". REFER TO EQUIPMENT MANUFACTURER FOR ALL INSTALLATION REQUIREMENT.



N

1 **TECHNOLOGY FLOOR PLAN - LEVEL 2 - UNIT B2**
Scale: 1/8" = 1'-0"

GPD GROUP
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CONSULTANTS:

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Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

D2	D2.2	
C2	G2	E2
B2	A2	F2

REV.	DATE	DESCRIPTION
1	05/30/2025	Addendum #2

BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL ENGINEER
05-30-25

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

TECHNOLOGY SECOND FLOOR AREA - B2

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

PROJECT MANAGER	DESIGNER
CA	MA

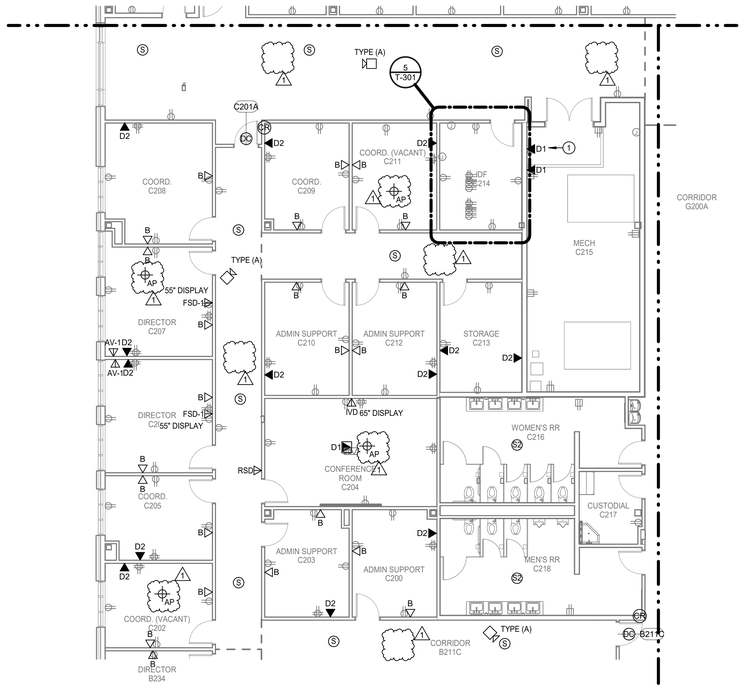
JOB NO.
2023159.00

T-112-B2

5/29/2025 8:57:39 AM

TECHNOLOGY KEYED NOTES

1. PROVIDE ONE (1) CATEGORY 6E DATA CIRCUIT FOR THE BUILDING MANAGEMENT CONTROL SYSTEM. COORDINATE WITH THE CONTRACTOR FOR EXACT LOCATION AND TERMINATION TYPE.
2. ALL DEVICES INCLUDING WALL PLATES AND CABLING IN THIS ROOM TO BE BLACK IN COLOR.
3. CONTRACTOR PROVIDED WALL MOUNTED PROJECTOR SCREEN. TOP OF SCREEN SHALL BE MOUNTED AT 9'-0". REFER TO EQUIPMENT MANUFACTURER FOR ALL INSTALLATION REQUIREMENT.



N

1 **TECHNOLOGY FLOOR PLAN - LEVEL 2 - UNIT C2**
Scale: 1/8" = 1'-0"

GPD GROUP
Professional Corporation
2121 Sage Road, Suite 240
Houston, TX 77056
713.622.1448 Fax 713.622.1455

CONSULTANTS:

MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.

Salas O'Brien
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

D2	D2.2	
C2	G2	E2
B2	A2	F2

REV.	DATE	DESCRIPTION
1	05/30/2025	Addendum #2

BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL ENGINEER
05-30-25

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

TECHNOLOGY SECOND FLOOR AREA - C2

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

PROJECT MANAGER	DESIGNER
CA	MA

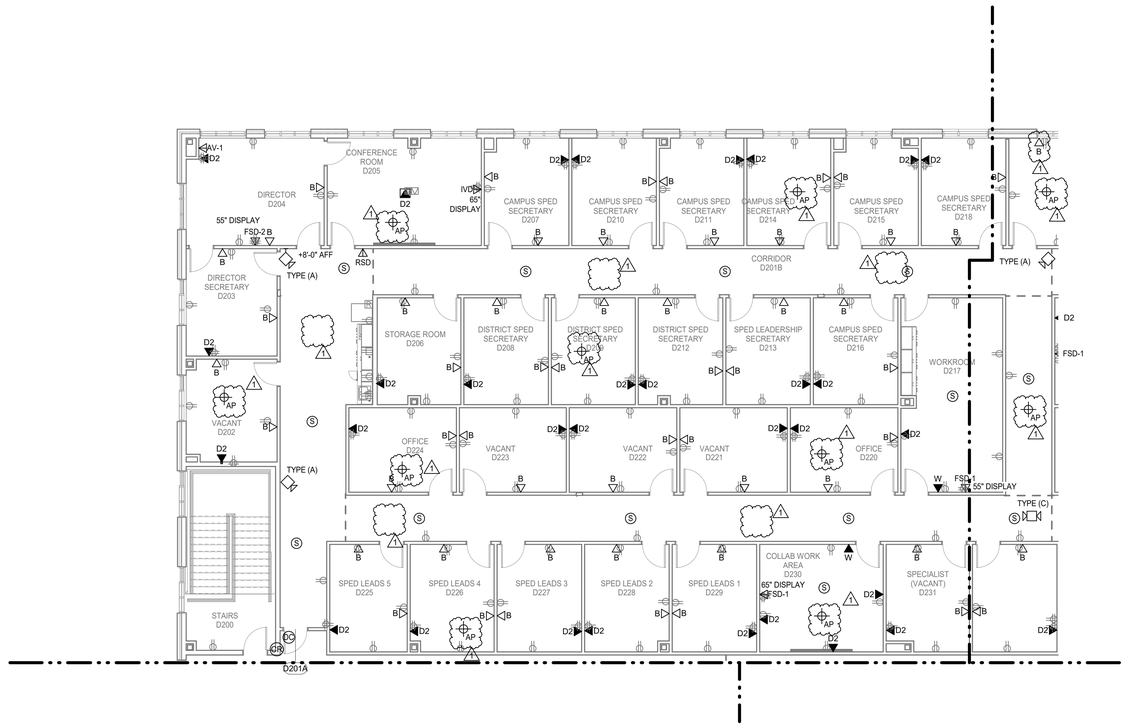
JOB NO.
2023159.00

T-113-C2

5/29/2025 8:57:43 AM

TECHNOLOGY KEYED NOTES

1. PROVIDE ONE (1) CATEGORY 6E DATA CIRCUIT FOR THE BUILDING MANAGEMENT CONTROL SYSTEM. COORDINATE WITH THE CONTRACTOR FOR EXACT LOCATION AND TERMINATION TYPE.



N

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

GPD GROUP
Professional Corporation
2121 Sage Road, Suite 240
Houston, TX 77056
713.622.1448 Fax 713.622.1455

CONSULTANTS:

MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.

Salas O'Brien
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

D2	D2.2	
C2	G2	E2
B2	A2	F2

REV.	DATE	DESCRIPTION
1	05/30/2025	Addendum #2

BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL ENGINEER
05-30-25

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

TECHNOLOGY SECOND FLOOR AREA - D2

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

PROJECT MANAGER	DESIGNER
CA	MA

JOB NO.
2023159.00

T-114-D2

5/29/2025 8:57:47 AM

TECHNOLOGY KEYED NOTES

1. PROVIDE ONE (1) CATEGORY 6E DATA CIRCUIT FOR THE BUILDING MANAGEMENT CONTROL SYSTEM. COORDINATE WITH THE CONTRACTOR FOR EXACT LOCATION AND TERMINATION TYPE.
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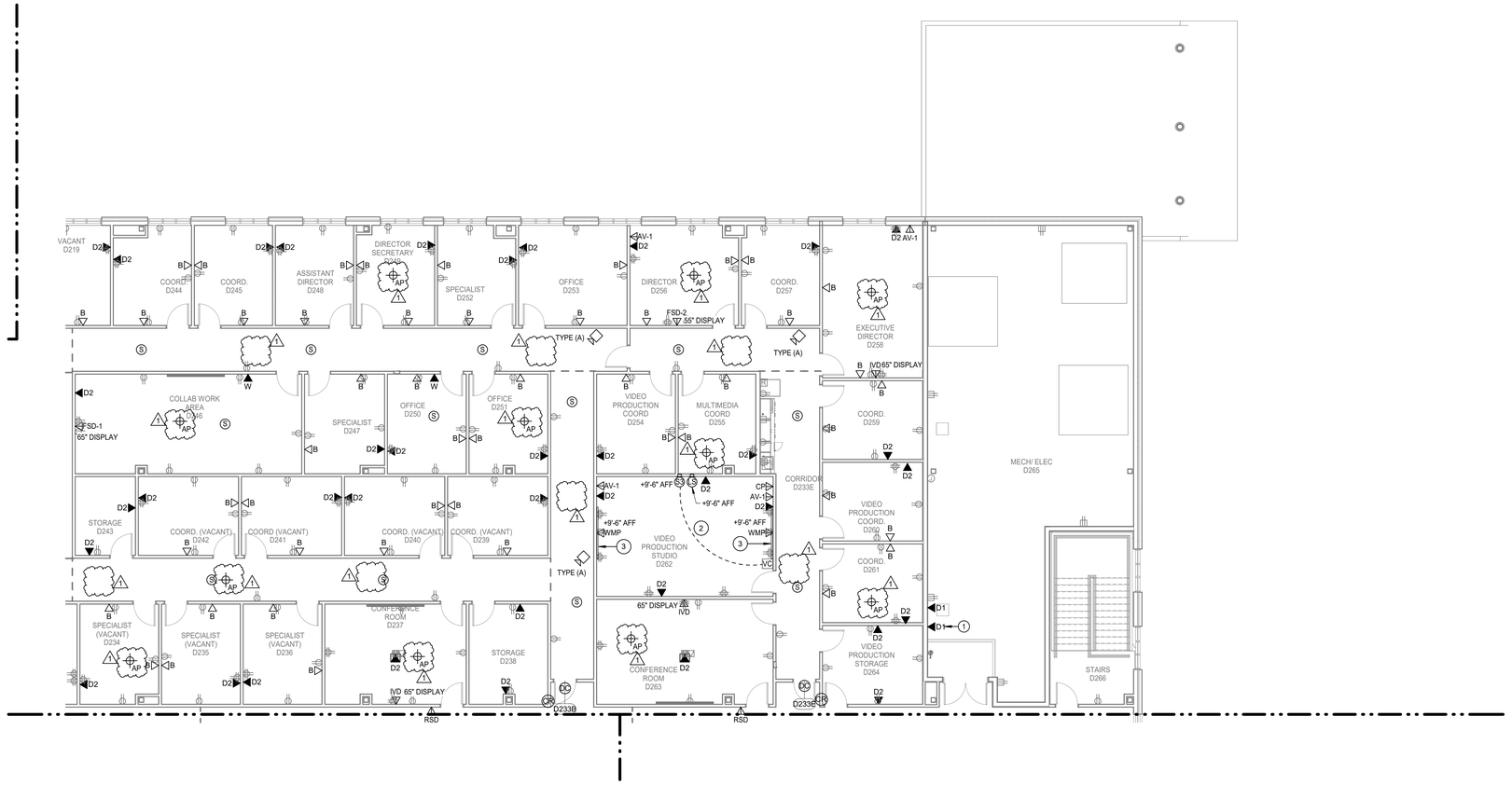


N

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

GPD GROUP
Professional Corporation
2121 Sage Road, Suite 240
Houston, TX 77056
713.622.1448 Fax 713.622.1455

CONSULTANTS:

MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.

Salas O'Brien
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

D2	D2.2	
C2	G2	E2
B2	A2	F2

REV.	DATE	DESCRIPTION
1	05/30/2025	Addendum #2

BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL
ENGINEER
05-30-25

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

TECHNOLOGY SECOND FLOOR AREA - D2.2

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

PROJECT MANAGER	DESIGNER
CA	MA

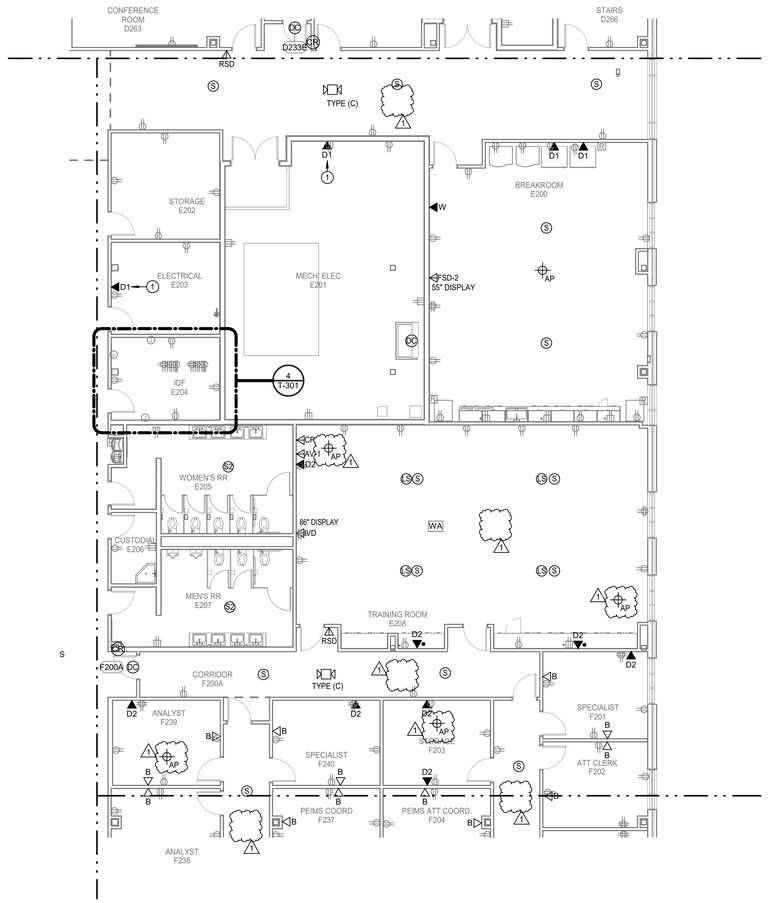
JOB NO.
2023159.00

T-115-D2.2

5/29/2025 8:57:51 AM

TECHNOLOGY KEYED NOTES

1. PROVIDE ONE (1) CATEGORY 6E DATA CIRCUIT FOR THE BUILDING MANAGEMENT CONTROL SYSTEM. COORDINATE WITH THE CONTRACTOR FOR EXACT LOCATION AND TERMINATION TYPE.
2. ALL DEVICES INCLUDING WALL PLATES AND CABLING IN THIS ROOM TO BE BLACK IN COLOR.
3. CONTRACTOR PROVIDED WALL MOUNTED PROJECTOR SCREEN. TOP OF SCREEN SHALL BE MOUNTED AT 9'-0". REFER TO EQUIPMENT MANUFACTURER FOR ALL INSTALLATION REQUIREMENT.



N

1 **TECHNOLOGY FLOOR PLAN - LEVEL 2 - UNIT E2**

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

GPD GROUP
Professional Corporation
2121 Sage Road, Suite 240
Houston, TX 77056
713.622.1448 Fax 713.622.1455

CONSULTANTS:

MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.

Salas O'Brien
Houston
10330 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

D2	D2.2	
C2	G2	E2
B2	A2	F2

REV	DATE	DESCRIPTION
1	05/30/2025	Addendum #2

BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL ENGINEER
05-30-25

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

TECHNOLOGY SECOND FLOOR AREA - E2

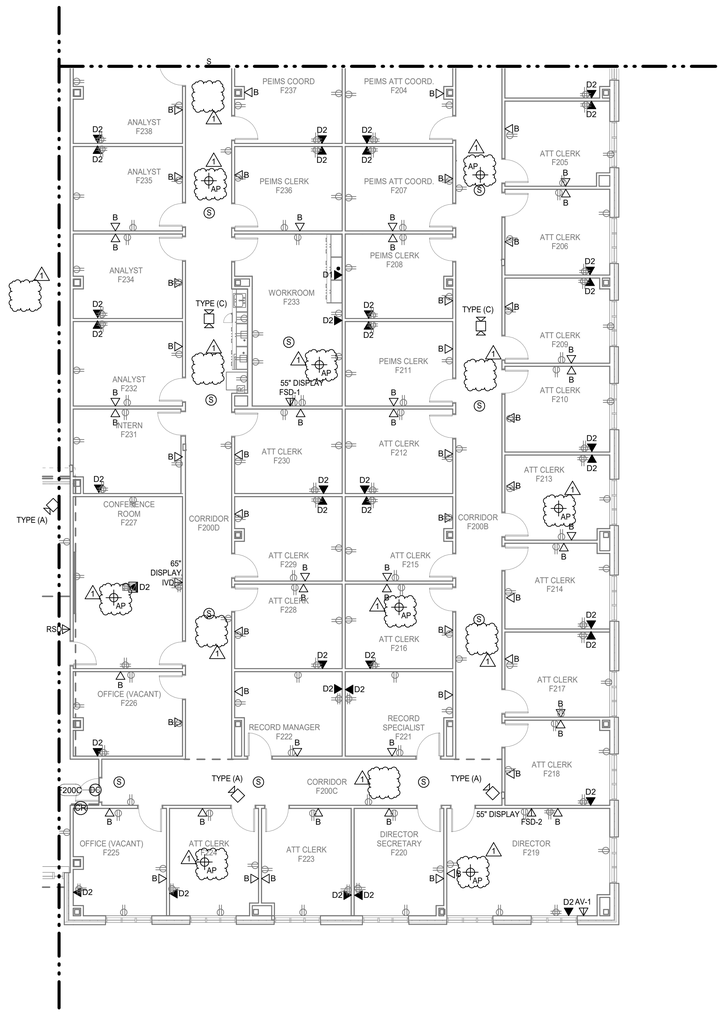
ISSUED: FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	--/--/----
RECORD	--/--/----

PROJECT MANAGER	DESIGNER
CA	MA

JOB NO.
2023159.00

T-116-E2

5/29/2025 8:57:54 AM



1 **TECHNOLOGY FLOOR PLAN - LEVEL 2 - UNIT F2**
Scale: 1/8" = 1'-0"

GPD GROUP
Professional Corporation
2121 Sage Road, Suite 240
Houston, TX 77056
713.622.1448 Fax 713.622.1455

CONSULTANTS:

MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.

Salas O'Brien
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

D2	D2.2	
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B2	A2	F2

REV.	DATE	DESCRIPTION
1	05/30/2025	Addendum #2

BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL
ENGINEER
STATE OF TEXAS
05-30-25

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

TECHNOLOGY SECOND FLOOR AREA - F2

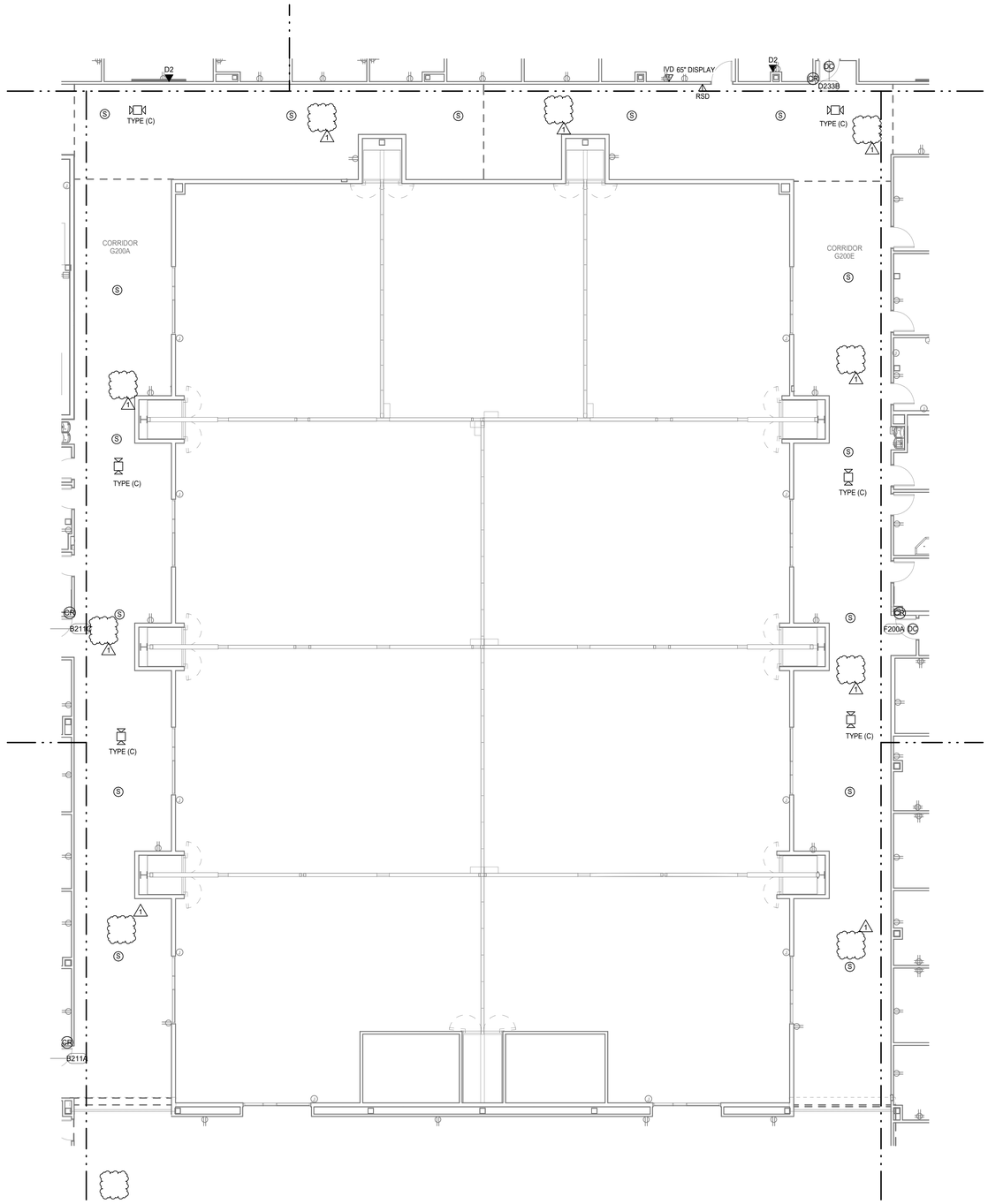
ISSUED: FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	--/--/----
RECORD	--/--/----

PROJECT MANAGER	DESIGNER
CA	MA

JOB NO.
2023159.00

T-117-F2

5/29/2025 8:57:59 AM



N

1 **TECHNOLOGY FLOOR PLAN - LEVEL 2 - UNIT G2**
Scale: 1/8" = 1'-0"

GPD GROUP
Professional Corporation
2121 Sage Road, Suite 240
Houston, TX 77056
713.622.1448 Fax 713.622.1455

CONSULTANTS:

MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.

Salas O'Brien
Houston
10330 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

D2	D2.2	
C2	G2	E2
B2	A2	F2

REV.	DATE	DESCRIPTION
1	05/30/2025	Addendum #2

BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL
ARCHITECT
05-30-25

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

TECHNOLOGY SECOND FLOOR AREA - G2

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

PROJECT MANAGER	DESIGNER
CA	MA

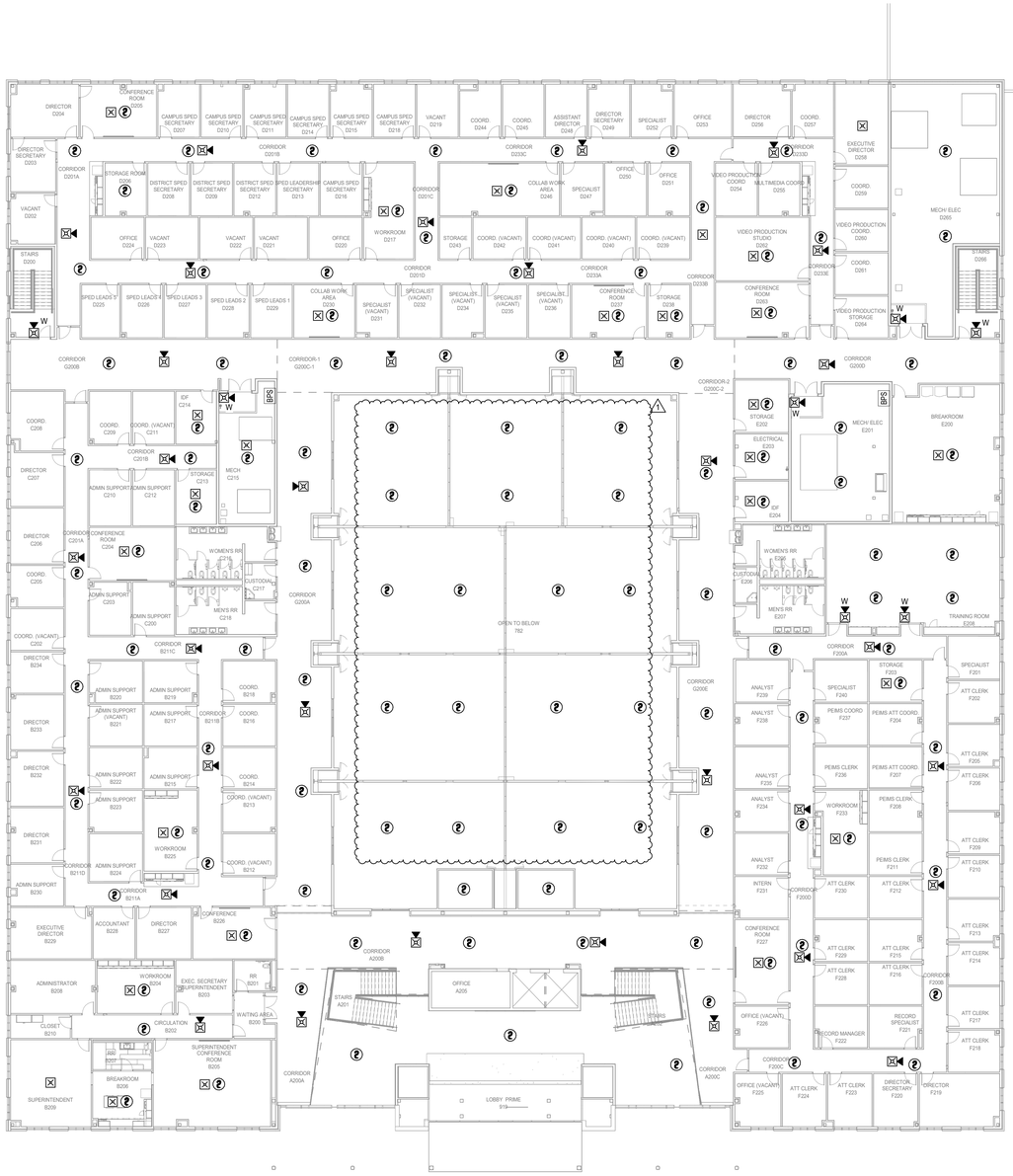
JOB NO.
2023159.00

T-118-G2

5/29/2025 5:59:02 AM

FIRE ALARM NOTES

1. FIRE ALARM DEVICES ARE SHOWN FOR ROUGH-IN COORDINATION AND REFERENCE PURPOSES ONLY AND DOESN'T NECESSARILY ACCOUNT FOR ALL DEVICES REQUIRED TO BE INSTALLED THROUGHOUT THE BUILDING.
2. FIRE ALARM SYSTEM IS PERFORMANCE BASED PER SPECIFICATIONS. CONTRACTOR TO REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
3. A LICENSED FIRE ALARM PLANNING SUPERINTENDENT CERTIFIED TO A MINIMUM LEVEL 3, IN THE SUBFIELD OF FIRE ALARM SYSTEMS THROUGH THE NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES (NICET), SHALL PROVIDE PLANS AND CALCULATIONS FOR A MANUAL AND AUTOMATIC FIRE DETECTION AND ALARM SYSTEM TO COMPLY WITH THE BUILDING SPACE LAYOUT, BUILDING OCCUPANCY, CURRENT NFPA 72, LOCAL AND STATE CODE REQUIREMENTS, AND THE FIRE ALARM AND DETECTION SYSTEM SPECIFICATIONS.



N

1 **TECHNOLOGY OVERALL FIRE ALARM PLAN - LEVEL 2**
Scale: 1/16" = 1'-0"

GPD GROUP
Professional Corporation
2121 Sage Road, Suite 240
Houston, TX 77056
713.622.1448 Fax 713.622.1455

CONSULTANTS:

MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.

Salas O'Brien
Houston
10330 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

D2	D2.2	
C2	G2	E2
B2	A2	F2

REV:	DATE	DESCRIPTION
1	05/30/2025	Addendum # 2

BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL
ENGINEER
05-30-25

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

TECHNOLOGY OVERALL FIRE ALARM PLAN - LEVEL 2

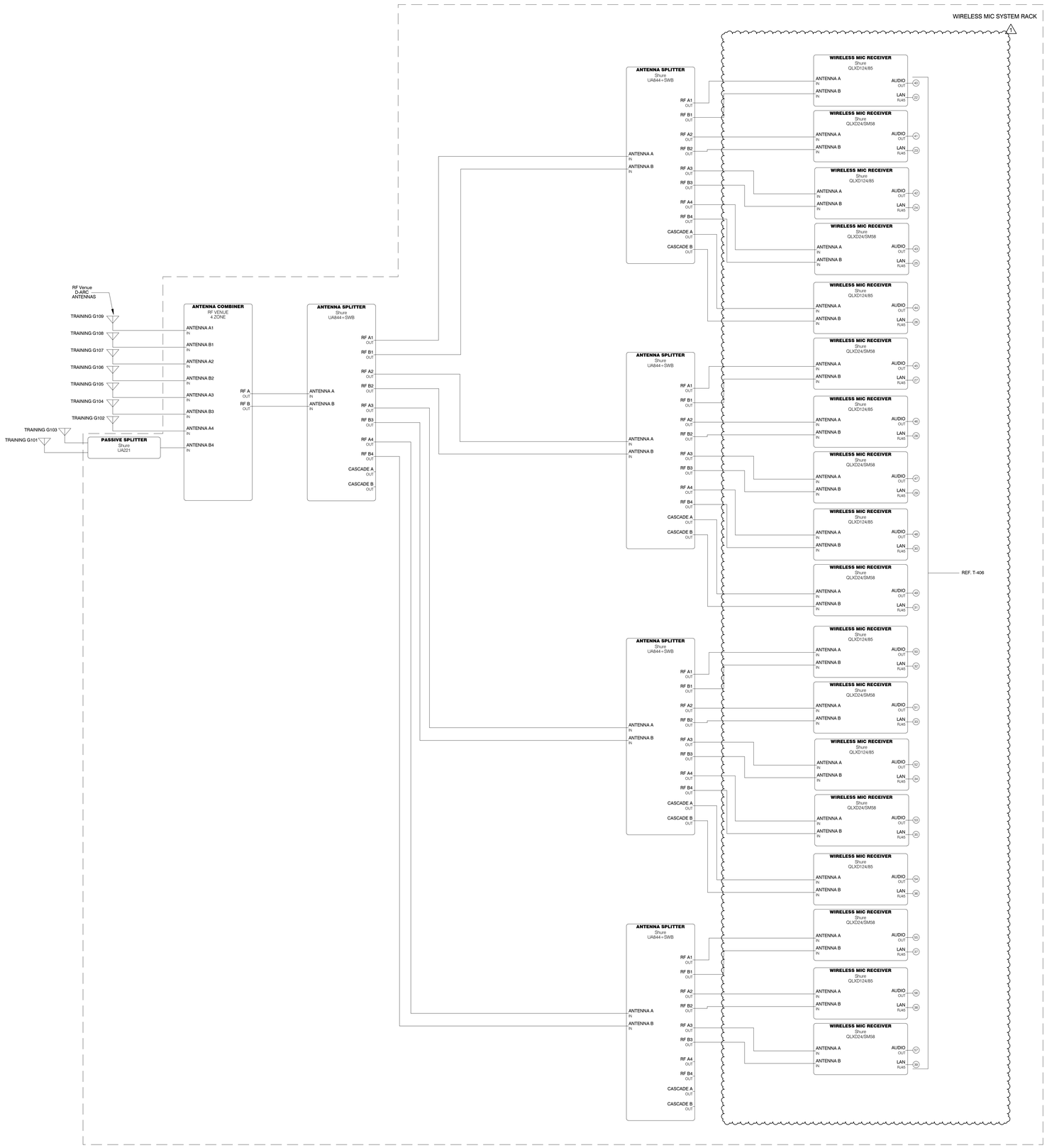
ISSUED: FOR BID	
PERMIT	
BID	05/08/2025
CONSTRUCTION	--/--/----
RECORD	--/--/----

PROJECT MANAGER	DESIGNER
CA	MA

JOB NO.
2023159.00

T-202

5/29/2025 9:02:29 AM



01 AV SCHEMATIC DESIGN - TRAINING ROOMS G101 - G109 (CONTINUED)

GPD GROUP
Professional Corporation
2121 Sage Road, Suite 240
Houston, TX 77056
713.622.1448 Fax 713.622.1455

CONSULTANTS:

MEPT ENGINEERS
Salas O'Brien
REGISTRATION No.

Salas O'Brien
Houston
10930 W. Sam Houston Pkwy North, Suite 900
Houston, TX 77064
Salas O'Brien Registration: F-4111
Salas O'Brien Project Number: 2023-02824-00

REV.	DATE	DESCRIPTION
1	05/30/2025	Addendum #2

BRADLEY KALMANS
80210
LICENSED
PROFESSIONAL ENGINEER
05-30-25

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

TECHNOLOGY SCHEMATIC DESIGN

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

PROJECT MANAGER	DESIGNER
CA	MA

JOB NO.
2023159.00

T-407

5/29/2025 8:58:10 AM