

Rosewood Middle School Addition and Renovation

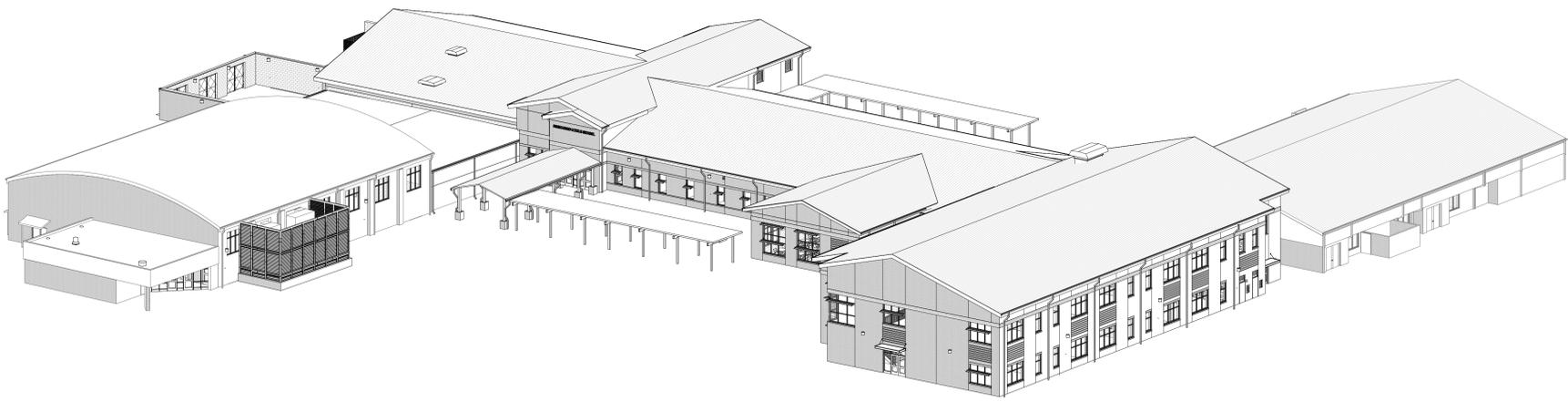
Wayne County Public Schools
541 North Carolina 581 S, Goldsboro, NC 27530



PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530



VOLUME 1

VICINITY MAP

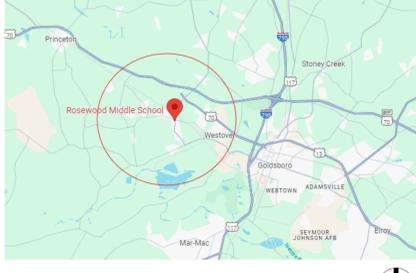


IMAGE REPRINTED FROM GOOGLE MAPS

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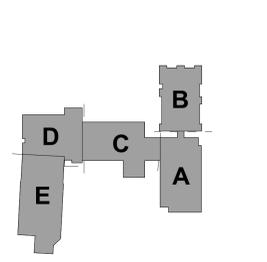
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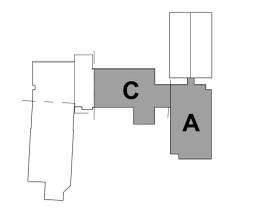
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DRAWING AREA DIAGRAMS



KEY PLAN-1ST FLOOR

NTS



KEY PLAN - 2ND FLOOR

NTS

DESIGN TEAM

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SEALS



DKA JOB NUMBER

2401

REVISIONS

1	ADDENDUM #1	2/3/2025

PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: SCOTT KRABATH
Plot Date: 10/10/2025 3:33:30 PM

DATE ISSUED

BID DOCUMENTS

01/10/2025

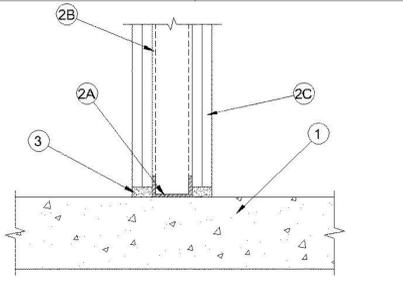
SHEET TITLE

COVER SHEET

G000

BID DOCUMENTS

Table with 2 columns: ANS/UL2079 and F Ratings. Rows include Assembly Ratings, Nominal Joint Width, L Rating At Ambient, and L Rating At 400° F.



1. Floor Assembly — Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m3) structural concrete. Floor may also be constructed of any in. (152 mm) thick UL Classified hollow-core Precast Concrete Units*.

2. Wall Assembly — The 1 or 2 fire-rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U400 or V400 Series Wall or Partition Design in the UL Fire Resistance Directory. In addition, the wall may incorporate a head-of-wall joint system constructed as specified in the HW Series Joint Systems in the UL Fire Resistance Directory. The wall shall include the following construction features:

- A. Steel Floor Runner — Floor runners of wall assembly shall consist of min No. 25 gauge galv steel channels sized to accommodate steel studs (Item 2B). Floor runners to be provided with min 1-1/4 in. (32 mm) flanges. Runners secured with steel fasteners spaced 12 in. (305 mm) OC.
- B. Studs — Steel studs to be min 1-1/2 in. (64 mm) wide. Studs cut 1/2 to 3/4 in. (13 to 19 mm) less in length than assembly height with bottom nesting in, resting on and fastened to floor runner with steel metal screws. Stud spacing not to exceed 24 in. (610 mm) OC.
- C. Gypsum Board — Gypsum board installed to a min total thickness of 5/8 or 1-1/4 in. (16 or 32 mm) on each side of wall for a 1 or 2 hr rated wall, respectively. Wall to be constructed as specified in the individual U400 or V400 Series Design in the UL Fire Resistance Directory, except that a max 3/4 in. (19 mm) gap shall be maintained between the bottom of gypsum board and top of concrete floor.

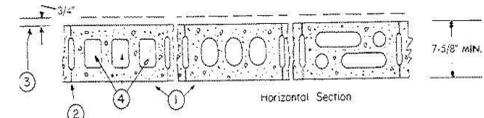
3. Fill, Void or Cavity Material Sealant — Max separation between top of floor and bottom of gypsum board is 3/4 in. (19 mm). For 1 and 2 hr rated wall assemblies, min 5/8 in. or 1-1/4 in. (16 or 1-1/4 mm) thickness of fill material, respectively, installed on each side of the wall between the bottom of the gypsum board and the top of the concrete floor, flush with each surface of the wall. HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CP8015 Elastomeric Firestop Sealant, CP906 Flexible Firestop Sealant, GFS-S SIL G, FS-ONE Sealant or FS-ONE MAX Intumescent Sealant.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

Design No. U905
April 14, 2023
Bearing Wall Rating — 2 HR
Nonbearing Wall Rating — 2 HR

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUVZ.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



- 1. Concrete Blocks* — Various designs. Classification D-2 (2 hr). See Concrete Blocks category for list of eligible manufacturers.
- 2. Mortar — Blocks laid in full bed of mortar, nom. 3/8 in. thick, not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.
- 3. Portland Cement Stucco or Gypsum Plaster — Add 1/2 hr to classification if used. Where combustible members are framed in wall, plaster or stucco must be applied on the face opposite framing to achieve a max. Classification of 1-1/2 hr. Attached to concrete blocks (Item 1).
- 4. Loose Masonry Fill — If all core spaces are filled with loose dry expanded slag, expanded clay or shale (Rotary Kiln Process), water repellent vermiculite masonry fill insulation, or silicone treated perlite loose fill insulation add 2 hr to classification.
- 5. Foamed Plastic* — (Optional-Not Shown) — 1-1/2 in. thick, max. 4 ft wide sheathing attached to concrete blocks (Item 1).

ATLAS ROOFING CORP — EnergyShield Pro Wall Insulation, EnergyShield CGF Pro, EnergyShield Ply Pro, EnergyShield CGF, EnergyShield PanelCast, EnergyShield and EnergyShield XR

DUPONT DE NEMOURS, INC. — Types Thermax Sheathing, Thermax Light Duty Insulation, Thermax Heavy Duty Insulation, Thermax Metal Building Board, Thermax White Finish Insulation, Thermax ci Exterior Insulation, Thermax XARMOR ci Exterior Insulation, Thermax HI Insulation, Thermax Plus Liner Panel, Thermax Heavy Duty Plus (HDP), TUFF-B™ ci Insulation, Thermax Butler Skywall Insulation Board and Thermax Morton Heavy Duty Insulation Board

FIRESTONE BUILDING PRODUCTS CO LLC — "Evergreen" CI Foil Exterior Wall Insulation" and "Evergreen" CI Glass Exterior Wall Insulation"

HUNTER PANELS, A DIVISION OF CARLISLE CONSTRUCTION MATERIALS, LLC — Types "Xci-Class A", "Xci Foil (Class A)", "Xci 286"

RMAX, A BUSINESS UNIT OF SIKA CORPORATION — Types "TSX-8500T", "ECOMAXi FR", "TSX-8510", "ECOMAXi FR White", "ECOMAXi", "ECOMAXi FR Air Barrier", "Thermasheath-XP", "Thermasheath", "Durasheath"

JOHNS MANVILLE — Type "AP Foil-Faced Foam Sheathing"

5A. Building Units* — As an alternate to Items 5, min. 1-in thick polystyrene composite foamed plastic insulation boards, nom. 48 by 48 by 96 in.

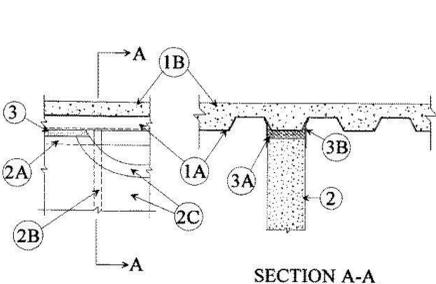
ATLAS ROOFING CORP — EnergyShield® Ply

HUNTER PANELS, A DIVISION OF CARLISLE CONSTRUCTION MATERIALS, LLC — "Xci NB", "Xci Ply"

RMAX, A BUSINESS UNIT OF SIKA CORPORATION — "Thermasheath-SF", "ECOBASEQ", "ThermaBase-QF", "ECOMAXi FR Ply", "ECOMAXi FR"

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

Table with 2 columns: ANS/UL2079 and CAN/ULC S115. Rows include Assembly Rating, Nominal Joint Width, L Rating At Ambient, and L Rating At 400° F.



1. Floor Assembly — The fire-rated fluted steel deck/concrete floor assembly shall be constructed of the materials and in the manner described in the individual Floor-Ceiling Design in the UL Fire Resistance Directory and shall include the following construction features:

- A. Steel Floor And Form Units* — Max 3 in. (76 mm) deep galv steel fluted floor deck.
- A1. Spray Applied Fire Resistive Material* — (Optional, not shown) — Prior to the installation of the Forming Material and Fill, Void or Cavity Materials (Items 3A and 3B), the steel floor units may be sprayed with a min 5/8 in. (8 mm) to max 1 1/8 in. (17 mm) thickness of fire resistive material.
- GCP APPLIED TECHNOLOGIES INC — Type MK-6HY.
- B. Concrete — Min 2-1/2 in. (64 mm) thick reinforced concrete, as measured from the top plane of the floor units.

1A. Roof Assembly — (Not Shown) — As an alternate to the floor assembly, a fire rated fluted steel roof assembly may be used. The roof assembly shall be constructed of the materials and in the manner described in the individual P700 or P900 Series Roof-Ceiling Design in the UL Fire Resistance Directory. The hourly rating of the roof assembly shall be equal to or greater than the hourly rating of the wall assembly. The roof assembly shall include the following construction features:

- A. Steel Roof Deck* — Max 3 in. (76 mm) deep galv steel fluted roof deck.
- B. Roof Insulation — (P 900 Series) — Min 2-1/4 in. (57 mm) thick poured insulating concrete, as measured from the top plane of the floor units.
- C. Roof Insulation — Mineral and Fiber Board* — (P 700 Series) — Min 3/4 in. (19 mm) thick boards applied in one or more layers directly over or over gypsum board sheathing laid atop steel roof deck.
- D. Spray Applied Fire Resistive Material* — (P700 Series, not shown) — Prior to the installation of the Defective Channel, Forming Material and Fill, Void or Cavity Material (Items 3A, 3B, 3C), the steel floor units may be sprayed with a min 5/8 in. (8 mm) to max 1 1/8 in. (17 mm) thickness of fire resistive material.
- GCP APPLIED TECHNOLOGIES INC — Type MK-6HY

2. Wall Assembly — Min 6-1/8 in. (156 mm) thick steel-reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete. Wall may also be constructed of any UL Classified Concrete Blocks*.

See Concrete Blocks (CAZT) category in Fire Resistance Directory for names of manufacturers.

3. Joint System — Max separation between bottom of floor or roof and top of wall is 1 in. (25 mm). The joint system is designed to accommodate a max 19 percent compression or extension from its installed width. The joint system consists of a forming material and a fill material, as follows:

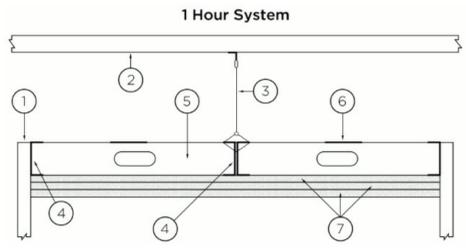
- A. Forming Material* — Min 6-1/2 in. (165 mm) thickness of min 4 pcf (64 kg/m³) density mineral wool batt insulation cut at a min of 20 percent wider than the gap between the top of the wall and bottom of the steel floor or roof deck. Mineral wool to be compressed and firmly packed into the gap between the top of the wall and bottom of the steel floor or roof deck.
- INDUSTRIAL INSULATION GROUP L L C — MinWool-1200 Saffing
- ROCK WOOL MANUFACTURING CO — Delta Board or Delta-8
- ROCKWOOL MALAYSIA SDN BHD — Type Safe
- ROCKWOOL — Type Safe
- THERMAFIBER INC — Type SAF
- B. Fill, Void or Cavity Material* — Min 1 1/8 in. (1.8 mm) dry thickness (min 1/8 in. or 3.2 mm wet thickness) of fill material sprayed or brushed on each side of the wall between the top of the wall and the bottom of the steel floor or roof deck to completely cover mineral wool and overlap a min of 1/2 in. (13 mm) onto wall and steel floor or roof deck on both sides of wall. When the steel floor or roof deck is coated with spray applied material, the fill material shall overlap min 2 in. (51 mm) onto the spray applied material.
- 3M COMPANY — FireDam™ Spray 200
- B1. Fill, Void or Cavity Material* — Tape — As an alternate to Item B, Tape cut to size and press applied along length of joint to completely cover mineral wool and lap min. 1 in. (25 mm) onto the steel floor units, or min 2 in. (51 mm) onto the spray applied fire resistive material (Item 1A) on the steel floor units, and min 1 in. (25 mm) onto concrete wall. Adjoining lengths of Tape shall overlap min 1/2 in. (13 mm). Tape shall be applied at both sides of wall.
- 3M COMPANY — 3M Fire and Water Barrier Tape

L Ratings apply only when FireDam™ Spray 200 is used.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

Ceiling Membrane Rating - 1 Hr.
Load Restriction - Limited to the Dead Weight of the Assembly

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



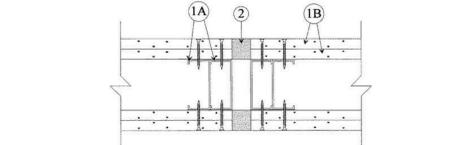
- 1. Supporting Structure #1 — Fire-resistance rated. Suitable point of attachment of C-Channels (Item 4).
- 2. Supporting Structure #2 — If necessary - Suitable point of attachment of hanger wire (Item 3).
- 3. Hanger Wire — If necessary - Min. 8 gauge steel wire, hung from holes punched in C-Channel (Item 4). Hanger wire spaced nominally 24 in. OC.
- 4. C-Channels — Used to support steel studs at both ends. Min. 3-5/8 in. deep with min. 1-1/4 in. legs and formed from min. No. 20 MSG galv. steel. Perimeter channels attached to a fire-resistance rated supporting structure (Item 1) with fasteners spaced not greater than 24 in. OC, at both the top and bottom of the vertical leg. When used with Items 2 and 3, C-Channel secured back to back with 1/2 in. Type S screws spaced 24 in. OC along centerline of C-Channels. Where C-Channels form a butt joint, screws placed at both top and bottom of both sides of butt joint.
- 5. Steel Studs — Min. 3-5/8 in. wide with min. 1-5/8 in. legs containing folded back flanges and formed from min. No. 20 MSG galv. steel. Studs to be cut 3/8 in. to 5/8 in. less than the clear span between the vertical legs of the perimeter channels. Studs spaced a max. 16 in. OC. At each end of the stud, the top and bottom legs shall be secured to the perimeter channel with one 3/8 in. long pan-head steel screw. Studs are used at each end of the horizontal bar to terminate the assembly at the adjoining wall. These end studs shall be secured to the adjoining wall in the same manner as the perimeter channels (Item 4). Maximum unsupported length of studs not to exceed 8 ft. 1 in.
- 6. Steel Strap — Min 4 in. wide formed from min. No. 20 MSG galv. steel. Secured perpendicular to the studs at the centerline of the span using one 3/8 in. long pan-head steel screw. Strips to overlap one full stud bay at splice locations. As an alternate to the steel strap, C-Channels (Item 4) may be substituted and installed in the same manner as the steel straps. If a continuous piece is not used, abut channels on each side of the centerline of the span and overlap one full stud bay.

- 6A. Framing Members* — As an alternate to items 3, 4, 5, and 6 - Main runners, cross tees, cross channels and wall angle as listed below:
 - a. Main Runners — Nom 10 or 12 ft long, 15/16 in. or 1-1/2 in. wide face, spaced 4 ft OC. Main runners suspended by min 12 SWG galv steel hanger wires spaced 24 in. OC, twisted tied to supporting structure.
 - b. Cross Tees — Nom 4 ft long, 1-1/2 in. wide face, installed perpendicular to the main runners, spaced 16 in. OC. The cross tees or cross channels may be riveted or screw attached to the wall angle or channel to facilitate the ceiling installation.
 - c. Cross Channels — Nom 4 ft long, installed perpendicular to main runners, spaced 16 in. OC.
 - d. Wall Angle or Channel — Painted or galv steel angle with 1 in. legs or channel with 1 in. legs, 1-6/16 in. deep attached to walls at perimeter of ceiling with fasteners 16 in. OC. To support steel framing member ends and for screw-attachment of the gypsum panel.ARMSTRONG WORLD INDUSTRIES INC — Type DFR-8000

- 7. Gypsum Board* — Three layers of nom. 5/8 in. thick gypsum board installed with long dimension perpendicular to the steel studs or Framing Members*. Base secured to studs and perimeter channels with 1 in. long Type S steel screws spaced max. 16 in. OC. Middle layer secured to the studs or Framing Members* and perimeter supports with 1-5/8 in. long Type S steel screws spaced max. 16 in. OC. Middle layer edge and end joints staggered a min. 16 in. from base layer joints. Face layer secured to the studs or Framing Members* and perimeter supports with 2-1/4 in. long Type S steel screws spaced max. 12 in. OC. Face layer edge and end joints staggered a min. 16 in. from middle layer joints.
- 8. Joint Tape and Compound — Not Shown — (Optional, Not Required On Joints or Screw Heads) — Vinyl, dry or premixed joint compound, applied in two coats to joints and screw heads; paper tape, nom. 2 in. wide, embedded in first layer of compound over all joints.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

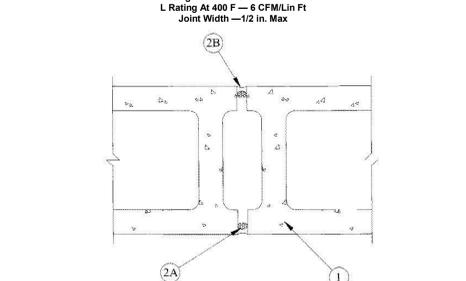
Assembly Rating — 2 Hr.
Joint Width — 3/4 in.



- 1. Wall Assembly — Nonbearing 2 hr fire rated gypsum wallboard/stud assembly constructed of the materials and in the manner described in the individual U400-Series Wall or Partition Design in the UL Fire Resistance Directory and shall include the following construction features:
 - A. Studs — Min 3-5/8 in. (92 mm) wide by 1-1/4 in. (32 mm) deep corrosion protected min 25 MSG steel channels. Steel stud spacing not to exceed 24 in. (610 mm) OC.
 - B. Gypsum Board* — Two layers 5/8 in. (16 mm) thick gypsum wallboard, as specified in the individual U400-Series Design.
 - 2. Joint System — Max width of joint is 3/4 in. (19 mm). The joint system shall consist of the following:
 - Fill, Void or Cavity Material* — Min 1-1/4 in. (32 mm) thickness of fill material applied within the joint, flush with each surface of wall.
 - 3M COMPANY — FB-1000 NS, FB-2000 or FB-200+

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

Assembly Rating — 2 Hr.
L Rating At Ambient — 4 CFM/Lin Ft
L Rating At 400 F — 6 CFM/Lin Ft
Joint Width — 1/2 in. Max



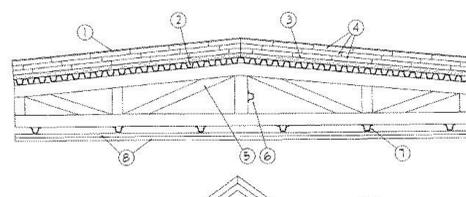
- 1. Wall Assembly — Min 7-1/2 in. thick UL Classified Concrete Blocks* or min 7-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) structural concrete. See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.
- 2. Joint System — Max width of joint is 1/2 in. The joint system shall consist of the following:
 - A. Forming Material* — Nom 3/4 in. diameter polyethylene backer rod compressed and installed into joint. Packing material to be recessed from each surface of wall as required to accommodate the required thickness of fill material.
 - B. Fill, Void or Cavity Material* — Min 1 1/4 in. thickness of fill material applied within the joint, flush with both surfaces of wall.
 - 3M COMPANY — FD 150+

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

Restrained Assembly Rating — 1 Hr.
Unrestrained Assembly Rating — 1 Hr

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUVZ.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



- 1. Roof Covering* — Consisting of hot-mopped or cold-application materials compatible with insulation(s) described herein which provide Class A, B or C coverings. See Roofing Materials and Systems Directory-Roof Covering Materials (TEVT).
- 1A. Roofing Membranes* — In lieu of Item 1, single-ply membrane that is either ballasted, adhered or mechanically attached to the insulation(s) described herein as permitted under the respective company's Classification. See Fire Resistance Directory-Roofing Membranes (CHCJ) Category.
- 1B. Metal Roof Deck Panels* — In lieu of or in addition to Items 1 and 1A, the roof covering may consist of mechanically fastened 24 MSG galv or painted steel roof deck panels. Panels may be installed above a steel purlin assembly per metal roof deck manufacturer's specifications. Steel purlin assembly to be installed transverse to steel trusses (Item 5). A line of sealant or tape may be used at panel side and end laps. See Metal Roof Deck Panels in the Roofing Materials and Systems Directory (TJVP) or Fire Resistance Directory (CETW) for names of manufacturers.
- 2. Steel Roof Deck* — Corrugated or fluted steel floor units, min 28 MSG painted or galv steel, mechanically fastened at 12 in. OC max with 10 or 15 self-drilling steel screws min 3/8 in. long top chords.
- 3. Gypsum Board* — (Optional-Classified or Unclassified) — Gypsum sheathing, supplied in sheets 4 ft wide by 8 to 12 ft long by min 1/2 in. thick, applied perpendicular to steel roof deck. End joints to occur over crests of steel roof deck, with end-joints staggered in adjacent rows. Sheathing adhered or mechanically attached to steel roof deck. See Gypsum Board (CKXN) category for names of manufacturers.
- 3A. Cementitious Backer Units* — As an alternate to Item 3, applied in nom 3/2 in. wide by min 48 in. long by nom 1/2 or 5/8 in. thick sheets. Applied perpendicular to steel roof deck direction. End-joints to occur over crests of steel roof deck with end-joints staggered in adjacent rows. Units adhered or mechanically attached to steel roof deck.
- 3B. Cementitious Backer Units* — As an alternate to Item 3, applied in nom 3/2 in. wide by min 48 in. long by nom 1/2 or 5/8 in. thick sheets. Applied perpendicular to steel roof deck direction. End-joints to occur over crests of steel roof deck with end-joints staggered in adjacent rows. Units adhered or mechanically attached to steel roof deck.
- 4. Roof Insulation* — Mineral and Fiber Boards* — Mineral wool, glass fiber or perlite insulation boards, 24 by 48 in. min size, 48 by 96 max size, applied in one or more layers. Boards installed directly over the roof deck (Item 2), perpendicular to the deck flutes, or over the gypsum sheathing (Item 3) or cementitious backer units (Item 3A), with end-joints staggered in adjacent rows. When applied in more than one layer, each layer of board to be offset in both directions by one layer below in order to lap all joints. Min thickness 1 in. (no limit on max overall thickness). Boards loosely laid, adhered or mechanically fastened to gypsum sheathing or cementitious backer units, and to steel roof deck (Item 2). See Mineral and Fiber Boards (BQXR) Category in the Building Materials Directory.
- 4A. Roof Insulation* — Foamed Plastic* — Any polystyrene foamed plastic insulation boards bearing the UL Classification Marking. Roof insulation loosely laid, adhered or mechanically fastened to gypsum sheathing (Item 3), cementitious backer units (Item 3A) and/or steel roof deck (Item 2). See Foamed Plastic (CCVV) Category in the Fire Resistance Directory.
- 4B. Roof Insulation* — Foamed Plastic* — Any polystyrene foamed plastic insulation boards bearing the UL Classification Marking. Roof insulation loosely laid, adhered or mechanically fastened, placed over gypsum sheathing (Item 3) or cementitious backer units (Item 3A). See Foamed Plastic (BRYX) category in the Building Materials Directory or Foamed Plastic (CCVV) category in the Fire Resistance Directory.

- 5. Steel Roof Trusses* — Cold-formed galv steel truss chord and web sections manufactured from steel conforming to ASTM A653 Grade 33 or higher yield strength. Steel thickness of truss chord and web sections as required by design to meet governing code requirements. Truss members connected together with No. 10-16 (min size) self-drilling screws or equivalent. Truss chord and web members to be designed in accordance with the American Iron and Steel Institute's Specification for the Design of Cold-Formed Steel Structural Members, 1996 Edition. Trusses spaced a max of 24 or 48 in. OC, refer to Item 8. Where the truss intersects with the interior face of the exterior walls, the min truss depth shall be 11-7/8 in. or 5 in. with a min roof slope of 3/12 and a min area in the plane of the truss of 20 sq ft.
- 5A. Structural Steel Members* — As an alternate to Item 5 - Pre-fabricated steel truss system consisting of cold-formed, galvanized steel chord and web sections. Trusses spaced a max of 24 or 48 in. OC, refer to Item 8. Where the truss intersects with the interior face of the exterior walls, the min truss depth shall be 11-7/8 in. or 5 in. with a min roof slope of 3/12 and a min area in the plane of the truss of 20 sq ft. Truss ends placed over and secured to Bearing Seats (Item 5B) with two min. #10 by 3/4 in. long screws on each side of Bearing Seats. Allowable loading must be calculated so as to stress the steel trusses to a maximum of 98% of the stress calculated in accordance with the allowable stress design approach outlined in the manufacturer's load tables.
- EISEN PANEL SYSTEMS LLC — Type Gateway Panel pre-fabricated steel truss system.
- 5B. Bearing Seats* — (Not Shown - for use with Item 5A) — Galvanized steel tube, min. 1 in. by 2-1/2 in. by 13 ga., oriented vertically and welded to min. 4 in. by 4 in. by 10 gage, galvanized steel tee. Bearing seats spaced 24 or 48 in. OC (same as trusses) and attached to bearing supports by welding or screw attaching the steel plate to the bearing supports.
- EISEN PANEL SYSTEMS LLC — Type Gateway Panel bearing seat.

- 6. Bridging* — Size, thickness, shape, number of connections and location of permanent bracing for truss chord and web sections to be determined by truss manufacturer.
- 7. Furring Channels* — Hat channels formed from min 25 MSG galv steel (or heavier as required by design). 2-5/8 in. wide by 7/8 in. deep, spaced 24 in. OC, perpendicular to trusses. Two courses of furring channel positioned 6 in. OC, 3 in. from each end of wallboard. Channel splices overlapped 4 in. beneath steel trusses. Channels secured to each truss with Type S12 by 1/2 in. long screws or with No. 18 SWG galv steel wire double strand saddle ties. Channels tied together with double strand of No. 18 SWG galv steel wire at each end of overlap.
- 7A. As an alternate to Item 7, Furring Channels* — Resilient channels formed of 25 MSG galv steel, for use when steel (Item 5) trusses spaced a max 24 in. OC, installed perpendicular to steel trusses. Two courses of resilient channel positioned 6 in. OC at wallboard butt-joints (3 in. from each end of wallboard). Channels oriented opposite at wallboard butt-joints. Channel splices overlapped 4 in. beneath steel trusses. Channels secured to each truss with Type S12 by 1/2 in. long screws or with No. 18 SWG galv steel wire double strand saddle ties. Channels tied together with double strand of No. 18 SWG galv steel wire at each end of overlap.

- 8. Gypsum Board* — Two layers of nom 5/8 in. thick by 48 in. wide boards, installed with long dimension parallel to trusses. Base layer attached to the furring channels using 1 in. long Type S bugle-head screws spaced 8 in. OC along butt end-joints and 12 in. OC in the field. End-joints of base layer fastened to additional pieces of furring channel to extend a min of 3 in. beyond ends of butt end-joints. Butt end-joints staggered min 12 in. in adjacent rows. Face layer of gypsum wallboard secured to furring channels with 1-5/8 in. long Type S bugle-head steel screws spaced 8 in. OC at the side-joints and in the field. Face layer side- and end-joints offset min 16 in. from base layer side- and end-joints. When roof trusses are spaced max 24 in. OC, the wallboard may be attached directly (end perpendicular) to the trusses. When attached to trusses, inner layer of wallboard attached to bottom chord of trusses with 1 in. long Type S12 bugle-head steel screws spaced 8 in. OC at end-joints and 12 in. OC in the field. Face layer of gypsum wallboard secured to bottom chord of trusses with 1-5/8 in. long Type S12 bugle-head steel screws spaced 8 in. OC at end-joints and 12 in. OC in the field. End-joints of wallboard to occur under trusses. Screws located 1 in. from board side-edges and 1/2 in. from butt end-joints. Face layer side- and end-joints offset min 16 in. from base layer side- and end-joints.
- CGC INC — Type GY-X1 or SCX, ULX
UNITED STATES GYPSUM CO — Type IP-X1, SCX, ULX
USG BORAL DRYWALL SFZ LLC — Type SCX
USG MEXICO S A DE C V — Type IP-X1 or SCX

- 8A. Gypsum Board* — (Not Shown) — As an alternate to Item 8, two layers of nom 5/8 in. thick by 48 in. wide boards, installed as specified under Item 8. This alternate wallboard shall be used when Batts and Blankets (Item 9) are placed 1 in. or less over the gypsum ceiling.
- CGC INC — Types C, IP-X2, IPC-AR, ULX
UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR, ULX
USG BORAL DRYWALL SFZ LLC — Type C
USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR

- 9. Batts and Blankets* — (Not Shown) — Optional — Any thickness mineral wool or glass fiber insulation bearing the UL Classification Marking for Surface Burning Characteristics, having a flame spread value of 25 or less and a smoke value of 50 or less. Insulation fitted in the concealed space above the gypsum wallboard ceiling membrane. When placed 1 in. or less over the ceiling membrane, the gypsum wallboard shall be as specified under Item 8A.
- 10. Finishing System* — (Not Shown) — Vinyl, dry or premixed joint compound, applied in two coats to joints and screw heads; paper tape, 2 in. wide, embedded in first layer of compound over all joints.

Alternate Ceiling Membrane — Not Shown.

- * Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 481 S. Goldsboro, NC 27530

TABLE 721-1(2) RATED FIRE-RESISTANCE PERIODS FOR VARIOUS WALLS AND PARTITIONS a, b, c, d

MATERIAL	ITEM NUMBER	CONSTRUCTION	MINIMUM FINISHED THICKNESS FACE-TO-FACE (inches)			
			4 hours	3 hours	2 hours	1 hour
15. Exterior or interior walls	15-2.3 ¹	3 5/8" No. 16 gage steel studs at 16" on center or 2" x 4" wood studs at 16" on center. Brick units of clay or shale not less than 25/8" thick complying with ASTM C216 installed in accordance with Section 1405.6 with a minimum 1" airspace. Interior side covered with one layer of 5/8" thick Type X gypsum wallboard attached to studs with 1" long No. 6 drywall screws at 12" on center.				7/16

b. Thickness shown for brick and clay tile is nominal thicknesses unless plastered, in which case thicknesses are net. Thickness shown for concrete masonry and clay masonry is adjacent thickness defined in Section 722.3.1 for concrete masonry and Section 722.4.1.1 for clay masonry. Where all cells are solid grouted or filled with silicone-treated perlite loose-fill insulation, vermiculite loose-fill insulation, or expanded clay, shale or slate lightweight aggregate, the equivalent thickness shall be the thickness of the block or brick used with specified thicknesses as defined in Chapter 21. Equivalent thickness shall include the thickness of applied plaster and lath or gypsum wallboard, where specified.

d. Shall be used for nonbearing purposes only.

SEALS



DKA JOB NUMBER
2401

REVISIONS

NO.	ADDENDUM #	DATE
1	ADDENDUM #1	2/3/2025

PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: SCOTT KRABATH
Plot Date: 10/10/2025 3:33:55 PM

DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE
RATED ASSEMBLIES

G008

WAYNE COUNTY PUBLIC SCHOOLS ROSEWOOD MIDDLE SCHOOL ADDITION



DAVIS KANE
ARCHITECTS, P.A.
503 OBERLIN ROAD SUITE 300
RALEIGH, NC 27605
919.853.3737
www.davis-kane.com



CLH DESIGN, P.A.
400 Regency Forest Drive
Suite 120
Cary, North Carolina 27518
Phone: (919)319-6716
Fax: (919)319-7516
LA: C-106, PE: C-1595

BID SET
(ISSUED JANUARY 10, 2025)
ADDENDUM #1
FEBRUARY 3, 2025

SITE DATA:

PROJECT: ROSEWOOD MIDDLE SCHOOL ADDITION
OWNER: WAYNE COUNTY PUBLIC SCHOOLS
OWNER CONTACT: DR. TIM HARRELL
2001 E. ROYALL AVE
GOLDSBORO, NC 27534
PHONE: 919-705-6192

LANDSCAPE ARCHITECT/CIVIL ENGINEER: CLH DESIGN, P.A.
DESIGNER CONTACT: RAQUEL WATSON, P.L.A.
400 REGENCY FOREST DR., SUITE 120
CARY, NC 27518
PHONE: 919-443-4073

ARCHITECT: DAVIS KANE ARCHITECTS, P.A.
DESIGNER CONTACT: BETH KING - AIA
503 OBERLIN ROAD, SUITE 300
RALEIGH, NC 27605
PHONE: 919-719-2811

PROJECT ADDRESS: 541 NORTH CAROLINA 581 S
GOLDSBORO, NC 27530

PK: 2670674264

ZONING: RESIDENTIAL/ AGRICULTURAL- RA-20

EXISTING USE: PUBLIC SCHOOL

PROPOSED USE: PUBLIC SCHOOL

TRACT AREA: 12.87 ACRES

DISTURBED AREA: 6 ACRES

BUILDING GFA: 90,600sf- ALL BID ALTERNATES ACCEPTED

BUILDING HEIGHT PERMITTED: 35'

BUILDING SETBACKS: FRONT 40', SIDE 20', REAR 25'

CONSTRUCTION TYPE: II-B

PROPOSED SEWER FLOW: 10,800 GPD

PROPOSED FIRE FLOW: 1,563 GPM

PROPOSED IMPERVIOUS SURFACE AREA: TOTAL PRE-DEVELOPMENT: 170,113 SF (3.91 AC)
TOTAL POST DEVELOPMENT: 188,861 SF (4.34 AC)

PARKING REQUIRED: 1 SPACE PER CLASSROOM
28 CLASSROOMS (BASE BID) = 28 SPACES REQUIRED
36 CLASSROOMS (ALTERNATE BID) = 36 SPACES REQUIRED

PARKING PROVIDED: 73 TOTAL SPACES

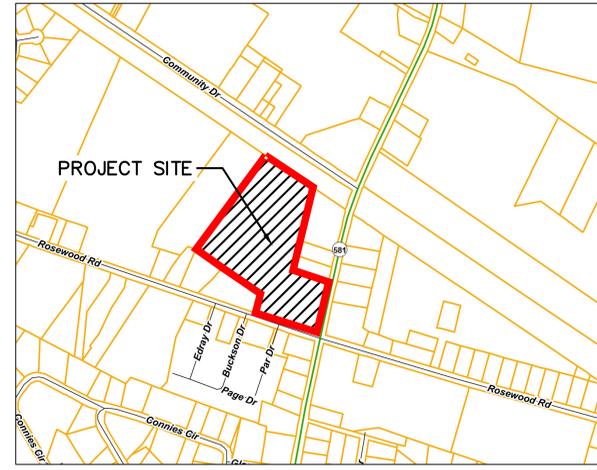
TOTAL H/C SPACES REQ'D: BUS DROP OFF/ PICK UP: 19 SPACES TOTAL, 1 H/C SPACES REQUIRED
PARENT DROP OFF/ PICK UP: 54 SPACES TOTAL, 3 H/C SPACES REQUIRED

TOTAL H/C SPACES PROVIDED: BUS DROP OFF/ PICK UP: 1 SPACE PROVIDED
PARENT DROP OFF/ PICK UP: 3 H/C SPACES PROVIDED

SHEET INDEX:

SITE - CIVIL	
C-0.00	COVER SHEET
C-0.01	OVERALL SITE PLAN
C-1.01	STAKING PLAN
C-1.02	PAVEMENT MARKING PLAN
C-1.03	FIRE MARSHAL EXHIBIT
C-2.01	EXISTING CONDITIONS & DEMOLITION PLAN
C-3.01	GRADING & DRAINAGE PLAN
C-4.01	EROSION CONTROL PLAN
C-5.01	UTILITY PLAN
C-5.02	DOMESTIC WATER LINE PLAN & PROFILE
C-6.01	LANDSCAPE PLAN SCHEDULE & NOTES
C-7.00	EROSION CONTROL & SCM DETAILS
C-7.01	EROSION CONTROL & SCM DETAILS
C-7.02	EROSION CONTROL & SCM DETAILS
C-7.03	EROSION CONTROL & SCM DETAILS
C-8.01	STAKING DETAILS
C-8.02	STAKING DETAILS
C-8.03	STAKING DETAILS
C-9.00	UTILITY & STORM DRAINAGE DETAILS
C-9.01	UTILITY & STORM DRAINAGE DETAILS

VICINITY MAP



SCALE - 1 IN. = 500 FT.

WAYNE COUNTY PUBLIC SCHOOLS
ROSEWOOD MIDDLE SCHOOL ADDITION

541 NORTH CAROLINA 581 S
GOLDSBORO, NC 27530

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION
 WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS



DKA JOB NUMBER
 2401

REVISIONS	
1	ADDENDUM #1 2/3/2025

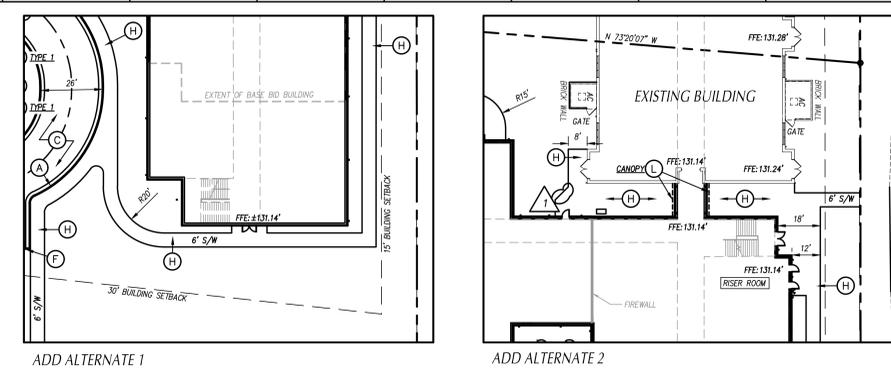
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PA: RENEÉ PFEIFER
 PM: RW
 Drawn By: PH
 Plot Date: 01/08/2025

DATE ISSUED
 BID DOCUMENTS
 01/10/2025

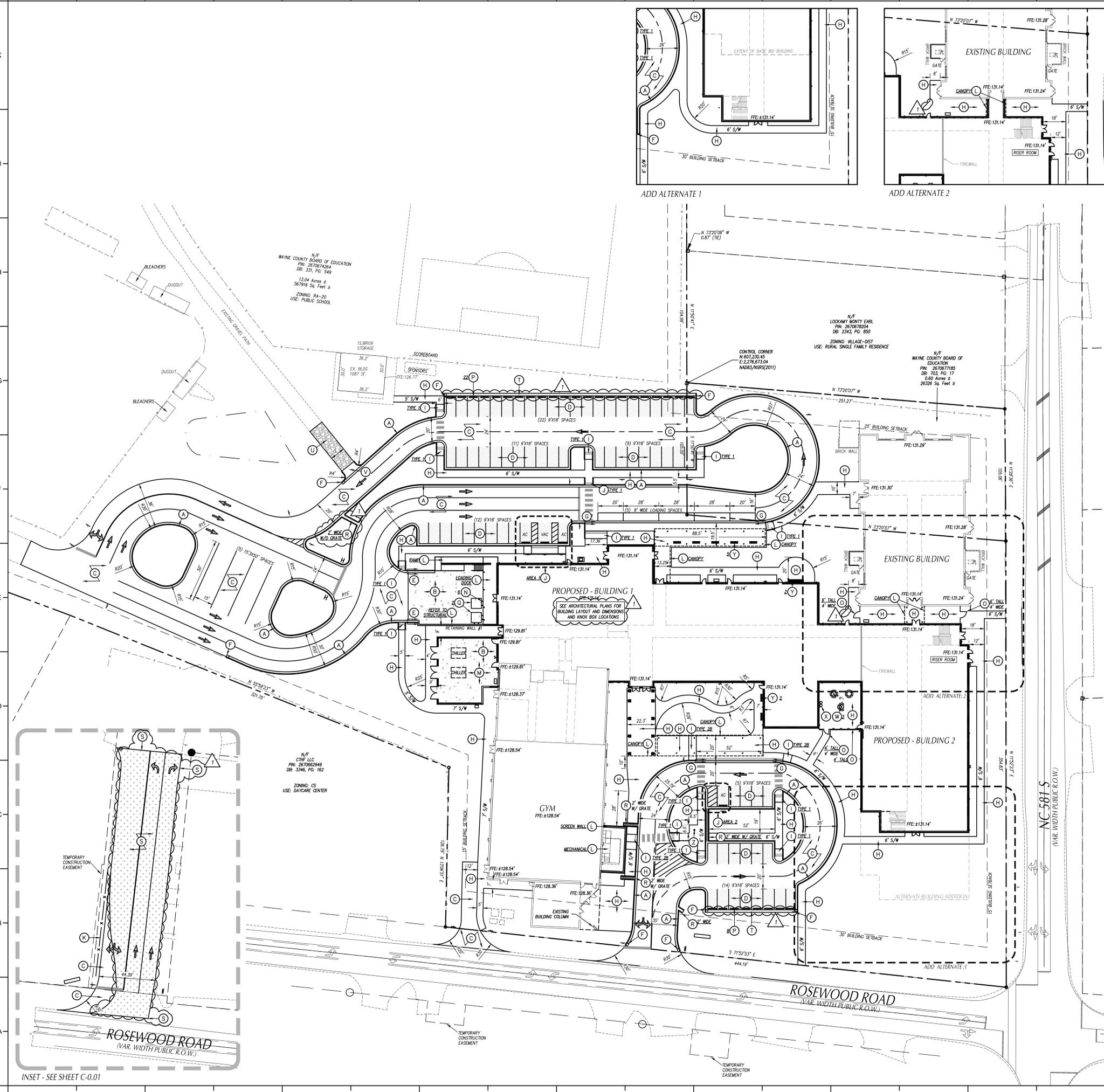
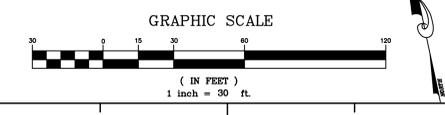
SHEET TITLE
 STAKING PLAN

C-1.01



- KEY NOTES**
- (A) 24" CURB & GUTTER, SEE DETAIL SHEET C-8.01.
 - (B) CONCRETE PAVEMENT, SEE DETAIL SHEET C-8.01.
 - (C) MEDIUM DUTY ASPHALT PAVEMENT, SEE DETAIL SHEET C-8.01.
 - (D) LIGHT DUTY ASPHALT PAVEMENT, SEE DETAIL SHEET C-8.01.
 - (E) STANDARD 24" CURB & GUTTER TO TRANSITION TO ROLL CURB OVER 2' DISTANCE, SEE DETAIL SHEET C-8.01.
 - (F) STANDARD CURB & GUTTER TERMINUS, SEE DETAIL SHEET C-8.01.
 - (G) CONCRETE FLUSH WITH PAVEMENT, SEE DETAIL SHEET C-8.01.
 - (H) CONCRETE SIDEWALK, SEE DETAIL SHEET C-8.01.
 - (I) ACCESSIBLE CURB RAMP, SEE DETAIL SHEET C-8.01.
 - (J) ACCESSIBLE PARKING, SEE SIGNAGE AND STRIPING PLAN AND C-8.03.
 - (K) NEW VINYL FENCE, MATCH SIZE, STYLE, ETC. OF EXISTING FENCE.
 - (L) SEE ARCHITECTURAL PLANS FOR CANOPY, SCREEN AND STRUCTURAL WALLS, BUILDING COLUMNS, LOADING DOCK, RAMPS, STAIRS, HANDRAILS, GUARDRAILS, BOLLARDS.
 - (M) MECHANICAL SERVICE YARD, SEE MECHANICAL PLANS FOR EQUIPMENT LAYOUT AND RELATED INFORMATION.
 - (N) STEEL BOLLARD, SEE DETAIL SHEET C-8.02.
 - (O) BLACK POWDER COATED ORNAMENTAL FENCE AND GATES, SEE DETAIL SHEET C-8.02.
 - (P) PRECAST CONCRETE WHEELSTOP, SEE DETAIL SHEET C-8.03.
 - (Q) DUMPSTER, PROVIDED BY OWNER.
 - (R) CONCRETE FRAME, SEE DETAIL SHEET C-8.02.
 - (S) EXTENT OF 1.5" 39.5C OVERLAY.
 - (T) 24" CONCRETE BAND, SEE DETAIL SHEET C-8.01.
 - (U) 8" THICK COMPACTED ABC STONE, SEE SPECIFICATIONS.
 - (V) STANDARD DRIVEWAY APRON, SEE DETAIL SHEET C-8.02.
 - (W) TABLE, SEE SPECIFICATIONS.
 - (X) REUSE AND RECYCLE RECEPTACLE, SEE SPECIFICATIONS.
 - (Y) BENCH, SEE SPECIFICATIONS.
 - (Z) FLAG POLE, SEE DETAIL SHEET C-8.02.

- GENERAL NOTES**
1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL TOWN OF GOLDSBORO AND NCDOT STANDARDS AND SPECIFICATIONS.
 2. ALL DIMENSIONS SHOWN ARE TO FACE OF CURB AND FACE OF BUILDING WALL, UNLESS OTHERWISE SHOWN.
 3. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF ALL DIMENSIONS SHOWN AND CONTACT THE ARCHITECT IF ANY DISCREPANCIES OCCUR.
 4. CONSTRUCTION STAKE OUT IS THE RESPONSIBILITY OF THE CONTRACTOR.
 5. ALL PAVEMENT MARKINGS AND SIGNAGE SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
 6. ALL FACE OF RADIUS ARE 4 FT UNLESS OTHERWISE SHOWN.
 7. ALL PARKING SPACES SHALL BE 9 FT WIDE X 18 FT DEEP MIN.
 8. (AC) DENOTES ACCESSIBLE PARKING SPACE.
 9. (VAC) DENOTES VAN ACCESSIBLE PARKING SPACE.
 10. ANY AND ALL LANDSCAPING, EXISTING TREES OR SHRUBS TO REMAIN WHICH ARE DAMAGED DURING DEMOLITION OR CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR UTILIZING A LICENSED LANDSCAPE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
 11. CONTRACTOR SHALL SUBMIT SCALED PLANS OF ALL SCORING/ADJUSTS FOR APPROVAL BY ARCHITECT 30 DAYS MINIMUM PRIOR TO INSTALLATION.
 12. THE CROSS-SLOPE ON ALL SIDEWALKS SHALL BE A MAXIMUM OF 2.0%.
 13. NO WORK SHALL BE PERFORMED ON RIGHT-OF-WAYS OR ADJACENT PROPERTIES UNTIL THE OWNER NOTIFIES CONTRACTOR IN WRITING OF PROCUREMENT OF APPROPRIATE PERMITS, EASEMENTS, AGREEMENTS, OR RIGHTS-OF-WAY.



INSET - SEE SHEET C-0.01

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION
 WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S., Goldsboro, NC 27530

SEALS



DKA JOB NUMBER
 2401

REVISIONS	
1	ADDENDUM #1 2/3/2025

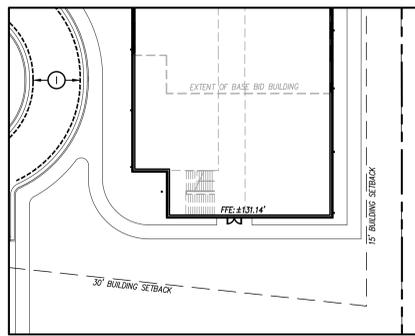
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 Plot Date: 01/08/2025

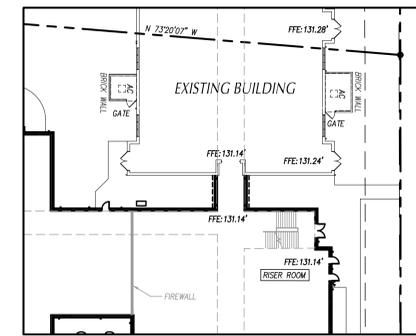
DATE ISSUED
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SHEET TITLE
 PAVEMENT MARKING PLAN

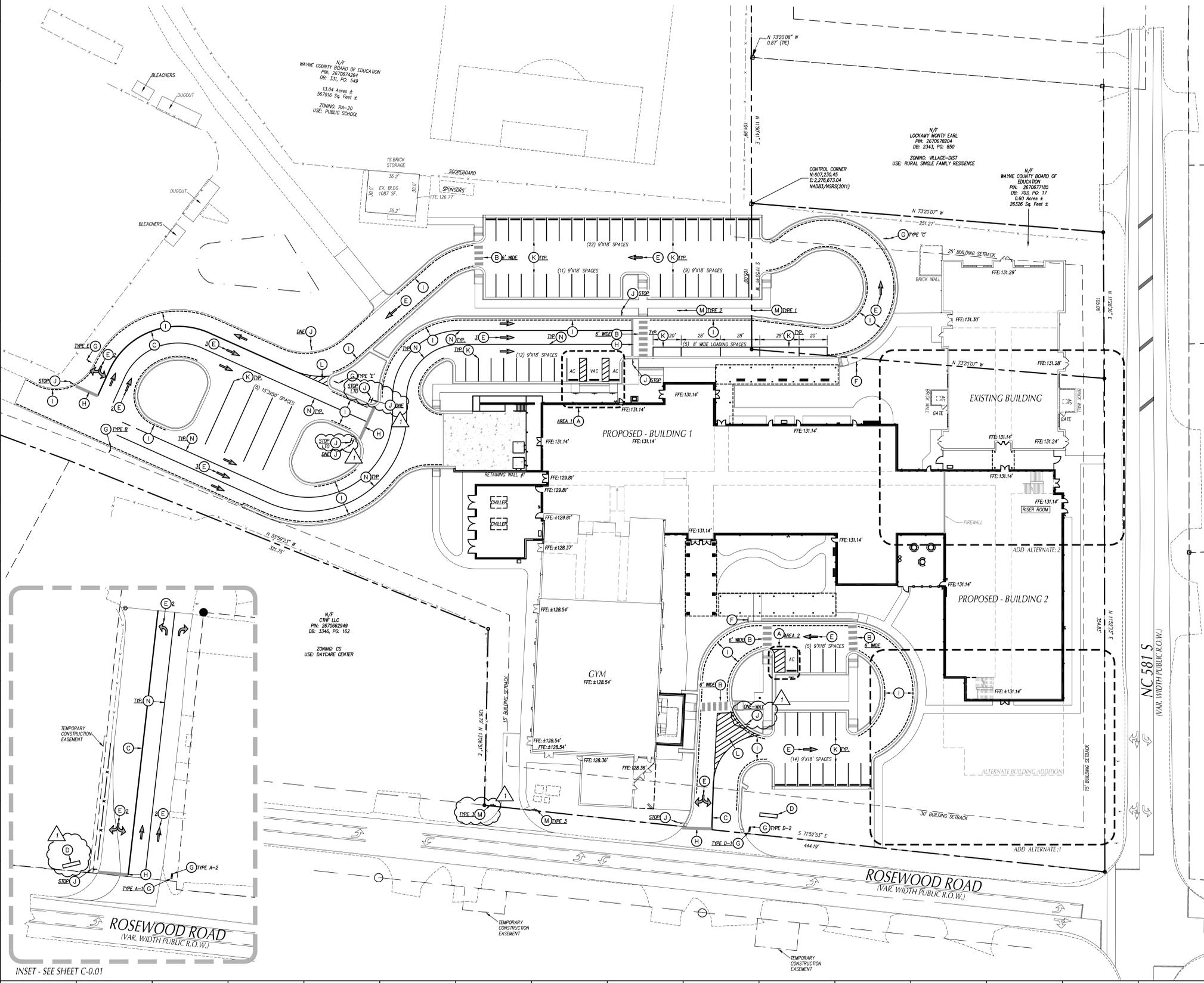
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ADD ALTERNATE 1



ADD ALTERNATE 2



TRAFFIC CONTROL NOTES

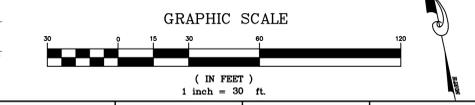
- ALL SITE SIGNAGE SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND NCDOT STANDARDS.
- ALL SIGNS SHALL BE MOUNTED WITH 7'-FT MIN. VERTICAL CLEARANCE TO THE BOTTOM OF THE SIGN ON 3-LB. GALV. STEEL U-CHANNEL POST SET IN 3'-FT DEEP x 12-IN DIA. CONCRETE FOOTING.
- ALL PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE MUTCD AND NCDOT STANDARDS AND THE PROJECT SPECIFICATIONS.
- ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC TYPE EXCEPT FOR PARKING SPACE LINES WHICH SHALL BE ALKID-RESIN TYPE PAINT.
- ALL SIGNAGE SHALL BE FIELD STAKED AND THE LOCATIONS APPROVED BY CLH DESIGN PRIOR TO SIGN INSTALLATION.
- CENTER ALL DIRECTIONAL ARROWS WITHIN TRAVEL LANE.
- COORDINATE FIRE LANE MARKINGS WITH TOWN OF GOLDSBORO FIRE MARSHAL.
- ALL SIGNS SHALL USE PRISMATIC SHEETING THAT MEETS MINIMUM REFLECTIVITY STANDARDS FOUND IN THE LATEST EDITION OF THE MUTCD.

MARKING	NCDOT STD.	SIZE	COLOR
PARKING SPACES	1205.08	4'-IN	WHY
DIRECTIONAL ARROWS	1205.01	4'-IN	WHY
NO PARKING - FIRE LANE *	1205.01	4'-IN	YEL
SOLID	1205.09	4'-IN	WHY
DIAGONAL	1205.09	8'-IN	YEL
STOP BAR	1205.01	24'-IN	WHY
DOUBLE YELLOW	1205.01	4'-IN	YEL

* NO PARKING - FIRE LANE MARKING SHALL BE THERMOPLASTIC AND CONFORM TO TOWN OF GOLDSBORO STANDARD SPECIFICATION 0305022 FIRE LANE STRIPING AND CONSIST OF A 4" SOLID YELLOW STRIPE AND 8" HIGH YELLOW TEXT "NO PARKING - FIRE LANE" AT 40' INTERVALS.

KEY NOTES

- ACCESSIBLE PARKING & SIGNAGE, SEE DETAIL SHEET C-8.02.
- H-W CROSS WALK, SEE TRAFFIC CONTROL NOTES THIS SHEET & C-8.02.
- DOUBLE YELLOW STRIPING, SEE TRAFFIC CONTROL NOTES THIS SHEET.
- DIGITAL SIGN LOCATION, CONTRACTOR TO COORDINATE INSTALLATION WITH OWNER.
- DIRECTIONAL ARROW, SEE TRAFFIC CONTROL NOTES THIS SHEET.
- PASSENGER LOADING ZONE SIGNAGE, SEE DETAIL SHEET C-8.03.
- SCHOOL DIRECTIONAL SIGNAGE, SEE DETAIL SHEET C-8.03.
- STOP BAR, SEE TRAFFIC CONTROL NOTES THIS SHEET.
- NO PARKING - FIRE LANE MARKINGS, SEE TRAFFIC CONTROL NOTES THIS SHEET.
- TRAFFIC CONTROL SIGNAGE, SEE TRAFFIC CONTROL NOTES THIS SHEET.
- PARKING SPACE STRIPING, SEE TRAFFIC CONTROL NOTES THIS SHEET.
- DIAGONAL STRIPING, SEE TRAFFIC CONTROL NOTES THIS SHEET.
- SPECIAL PARKING SIGNAGE, SEE DETAIL SHEET C-8.03.
- SOLID WHITE MARKING, SEE TRAFFIC CONTROL NOTES THIS SHEET.



INSET - SEE SHEET C-0.01

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S., Goldsboro, NC 27550

SEALS



DKA JOB NUMBER
2401

REVISIONS

ADDENDUM #	DATE
1	2/3/2025

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PM: RW
Drawn By: PH
Plot Date: 01/08/2025

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SHEET TITLE

EXISTING
CONDITIONS & DEMO
PLAN

C-2.01

LEGEND

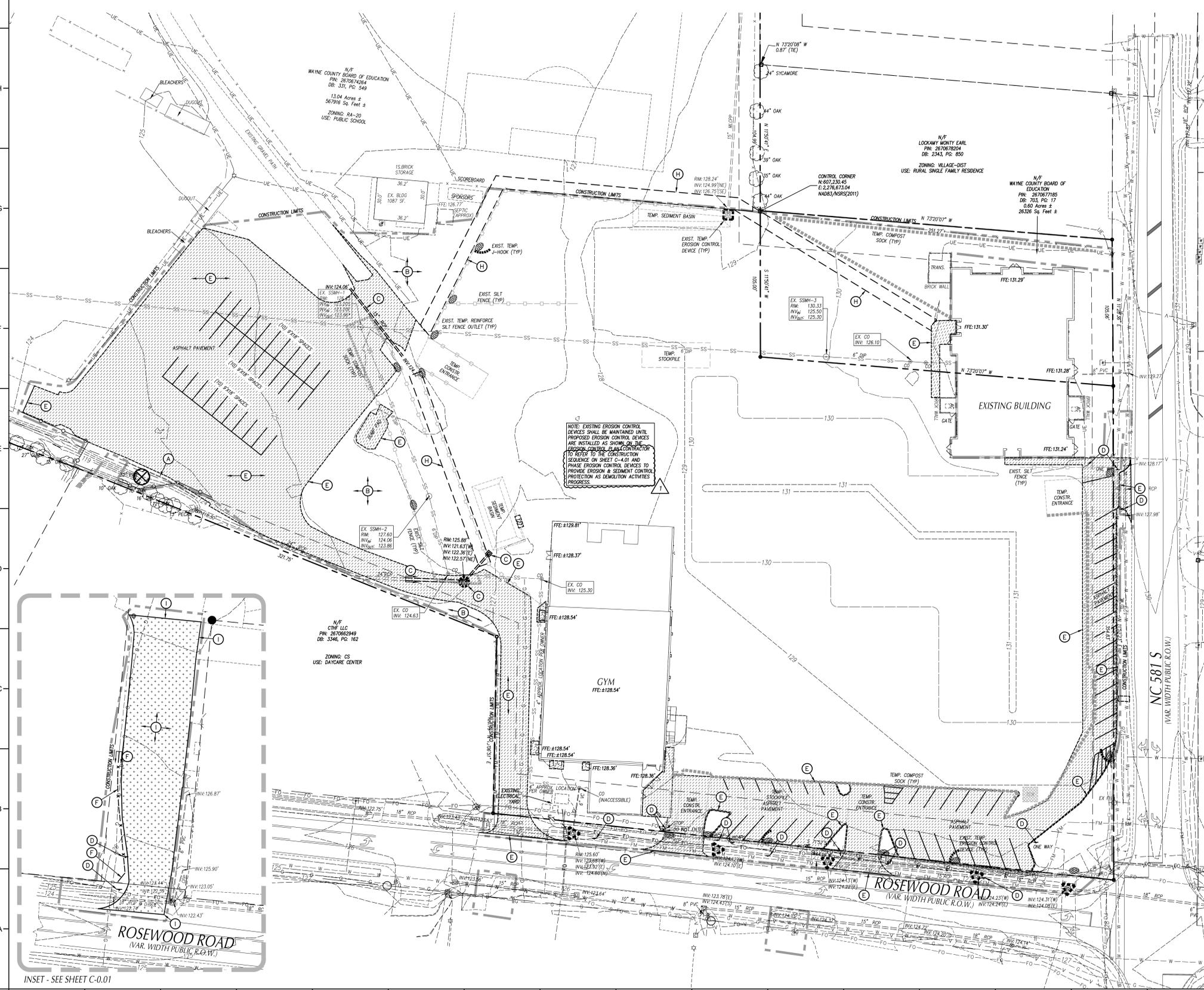
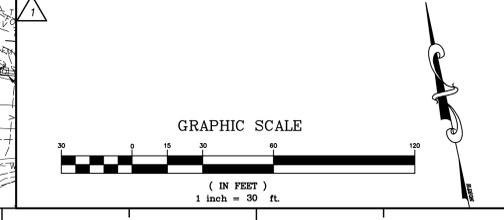
STRUCTURES/UTILITIES TO BE REMOVED	STRUCTURES/UTILITIES TO REMAIN
OVERHEAD ELECTRICAL	OVERHEAD ELECTRICAL
UNDERGROUND ELECTRICAL	UNDERGROUND ELECTRICAL
FIRE PROTECTION	FIRE PROTECTION
GAS	GAS
SANITARY SEWER	SANITARY SEWER
TELEPHONE	TELEPHONE
UNDERGROUND TELEPHONE	UNDERGROUND TELEPHONE
FIBER OPTIC	FIBER OPTIC
WATER	WATER
FORCE MAIN	FORCE MAIN
STORM DRAIN	STORM DRAIN
INDIVIDUAL TREE TO BE REMOVED	INDIVIDUAL TREE TO REMAIN
LIGHT POLE	LIGHT POLE
UTILITY POLE	UTILITY POLE
MANHOLE	MANHOLE
CLEAN OUT	CLEAN OUT
DROP INLET/CATCH BASIN	DROP INLET/CATCH BASIN
FIRE HYDRANT	FIRE HYDRANT
WATER VALVE	WATER VALVE
CONSTR./CLEARING LIMITS	PAVEMENT, S/W, CURB TO BE REMOVED
TREE PROTECTION FENCE	BUILDING/STRUCTURE TO BE REMOVED
	MELTING FOR OVERLAY, SEE STAKING PLAN

- KEY NOTES**
- TEMPORARY TREE PROTECTION FENCE, SEE DETAIL SHEET C-7.00.
 - CLEAR AND GRUB, STRIP TOPSOIL WITHIN CONSTRUCTION LIMITS.
 - REMOVE STRUCTURE/UTILITY.
 - REMOVE SIGN AND POST.
 - PAVEMENT, SIDEWALK, OR CURB & GUTTER TO BE REMOVED. SAW CUT EDGES AS NECESSARY.
 - FENCE TO BE REMOVED. CONTRACTOR TO REINSTALL, MATCH SIZE STYLE, ETC. OF EXISTING FENCE.
 - EXISTING MONUMENT SIGN TO BE DEMOLISHED.
 - EXISTING TEMPORARY CANOPY WALKWAY TO BE REMOVED. COORDINATE WITH OWNER AND ARCHITECT.
 - EXTENT MIN. 1.5' OF EXISTING ASPHALT FOR NEW ASPHALT OVERLAY. SEE STAKING PLAN.

- GENERAL NOTES**
- ALL EXISTING STRUCTURES AND UTILITIES SHALL BE REMOVED AS NEEDED TO ALLOW NEW CONSTRUCTION. IN GENERAL, FEATURES INDICATED IN BOLD ON THIS PLAN SHALL BE REMOVED.
 - ALL PAVEMENT OF CONCRETE TO BE REMOVED SHALL BE SAW CUT TO PROVIDE A STRAIGHT AND UNIFORM JOINT FOR NEW PAVEMENT, SIDEWALK, OR CURB AND GUTTER, ETC. ANY EXISTING PAVEMENT, SIDEWALK, CURB AND GUTTER, ETC. THAT MUST BE REMOVED TO ALLOW NEW CONSTRUCTION SHALL BE REMOVED AND REPAIRED PER THE SPECIFICATIONS AND DETAILS OR TO MATCH PRE-CONSTRUCTION CONDITIONS (WHETHER OR NOT SHOWN ON THE DRAWINGS TO BE REMOVED).
 - ALL UTILITIES OR STRUCTURES NOT INDICATED FOR REMOVAL OR MODIFICATION ARE TO REMAIN AND BE PROTECTED FROM DAMAGE.
 - ALL WASTE MATERIAL GENERATED FROM DEMOLITION ACTIVITIES SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH ALL APPLICABLE RULES AND REGULATIONS.
 - EXISTING SITE BOUNDARY AND TOPOGRAPHIC SURVEY INFORMATION WAS TAKEN FROM SURVEY BY STOKES SURVEYING & MAPPING, PLLC PERFORMED 03/28/2024. THESE PLANS DO NOT ASSUME ANY LIABILITY FOR ANY EXISTING INFORMATION BOTH SHOWN AND NOT SHOWN ON THE SURVEY AND ANY CHANGES TO THE EXISTING CONDITIONS THAT MAY HAVE OCCURRED AFTER THE SURVEY WAS ISSUED. CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION.
 - INSTALL TREE PROTECTION FENCING PRIOR TO BEGINNING CLEARING OPERATIONS. CLEAR AND GRUB ALL AREAS AS SHOWN AND REQUIRED TO PREPARE FOR INSTALLATION OF NEW CONSTRUCTION PER SPECIFICATIONS AND DRAWINGS. EXISTING TREES, SHRUBS OR OTHER LANDSCAPE MATERIAL WHICH WILL CONTACT WITH NEW CONSTRUCTION SHALL BE REMOVED (WHETHER OR NOT SHOWN ON THE DRAWINGS). ALL CONTRACTORS SHALL VISIT THE SITE AND OBSERVE EXISTING CONDITIONS PRIOR TO BIDDING.
 - TO MINIMIZE DAMAGE TO EXISTING TREES NEAR THE INTERIOR EDGE OF CLEARING LIMITS, THE CONTRACTOR SHALL CUT 2'-FT DEEP TRENCHES ALONG THE LIMITS OF DISTURBANCE, SO AS TO CUT, RATHER THAN TEAR ROOTS.
 - PRIOR TO DEMOLISHING EXISTING STRUCTURES, MAKE AN INSPECTION FOR ANY HAZARDOUS MATERIALS. CONTACT ARCHITECT IMMEDIATELY IF ANY HAZARDOUS MATERIALS ARE DISCOVERED. CAP AND REMOVE UTILITY SERVICES, FUEL TANKS AND SEPTIC SYSTEMS. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.
 - VERIFY ALL ILLUSTRATED UNDERGROUND ELEMENTS/UTILITIES. EXERCISE REASONABLE EFFORTS TO PROTECT ANY UNKNOWN UNDERGROUND ELEMENTS/UTILITIES. NOTIFY THE ARCHITECT IMMEDIATELY IF UNKNOWN ELEMENTS/UTILITIES ARE DISCOVERED THAT WOULD NECESSITATE MODIFICATION TO THE PROPOSED DESIGN. CONTACT UTILITY LOCATING SERVICE AT LEAST 48-HRS PRIOR TO EXCAVATION.
 - PROTECT ALL ADJACENT PROPERTIES, THE GENERAL PUBLIC AND ALL OF THE OWNER'S FACILITIES. SHOULD DAMAGES OCCUR, REPAIR IMMEDIATELY AS DIRECTED BY THE ARCHITECT. AREAS TO BE PROTECTED, REPAIRED AND CLEANED SHALL ALSO INCLUDE ANY STAGING AREAS, ACCESS ROUTES AND OTHER EXISTING IMPROVEMENTS WITHIN THE CONSTRUCTION LIMITS THAT ARE TO REMAIN.
 - ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL WAYNE COUNTY AND/OR NC DOT STANDARDS AND SPECIFICATIONS.
 - ALL EXISTING WALLS, MANHOLES, STORM DRAIN STRUCTURES, CLEANOUTS, ETC. SHALL BE ADJUSTED AS NEEDED TO MATCH FINISH GRADE.
 - DEMOLITION AND PATCHING OF PAVEMENT, SIDEWALK, CURB AND GUTTER AND OTHER EXISTING PAVED SURFACES IN ADDITION TO THAT INDICATED ON THIS PLAN SHALL BE PERFORMED AS REQUIRED TO CONSTRUCT AND INSTALL NEW UTILITIES.
 - THIS SITE IS NOT LOCATED WITHIN SPECIAL FLOOD HAZARD AREAS AS DETERMINED BY FEMA AND DEPICTED ON FLEEM MAP 37020200000, DATED 06/20/2004 AS BEING WITHIN ZONE "X" OTHER AREA."
 - NO WORK SHALL BE PERFORMED ON RIGHT-OF-WAYS OR ADJACENT PROPERTIES UNTIL THE OWNER NOTIFIES CONTRACTOR IN WRITING OF PROCUREMENT OF APPROPRIATE PERMITS, EASEMENTS, AGREEMENTS OR RIGHTS-OF-WAY.
 - CONTRACTOR TO COORDINATE ALL UTILITY SHUTDOWNS AND PAVEMENT REMOVAL WITH OWNER PRIOR TO DEMOLITION ACTIVITIES.

EXISTING EROSION CONTROL LEGEND

TEMP. GRAVEL CONSTR. ENTRANCE	EXISTING CONTOUR
TEMP. SILT FENCE	FINISHED CONTOUR
TEMP. REINFORCED SILT FENCE	TEMP. COMPOST SOCK
TEMP. J-HOOK PROTECTION	EXISTING STORM SEWER PIPES
TEMP. CONCRETE WASHOUT AREA	TEMP. INLET PROTECTION DEVICE
	TEMP. SILT BAG INLET PROTECTION
	TEMP. COMPOST SOCK INLET PROTECTION DEVICE



INSET - SEE SHEET C-0.01

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION
 WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27550

SEALS



Digitally signed by Steven J. Miller
 Date: 2025.01.30 16:37:03-05'00'

DKA JOB NUMBER

2401

REVISIONS

1 ADDENDUM #1 2/3/2025

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 PM: RW
 Drawn By: PH
 Plot Date: 01/08/2025

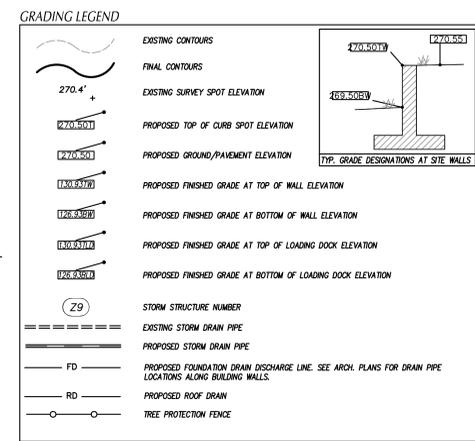
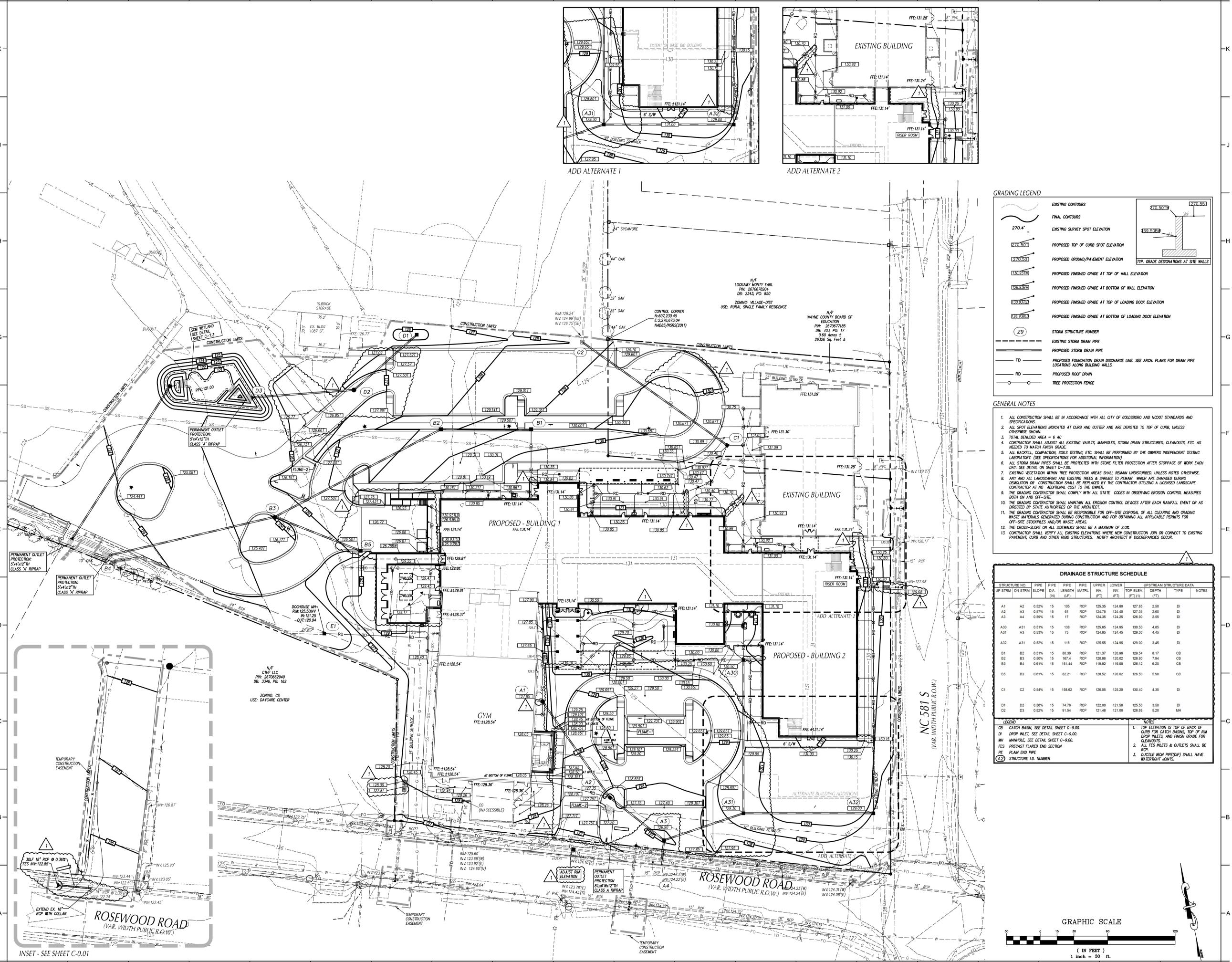
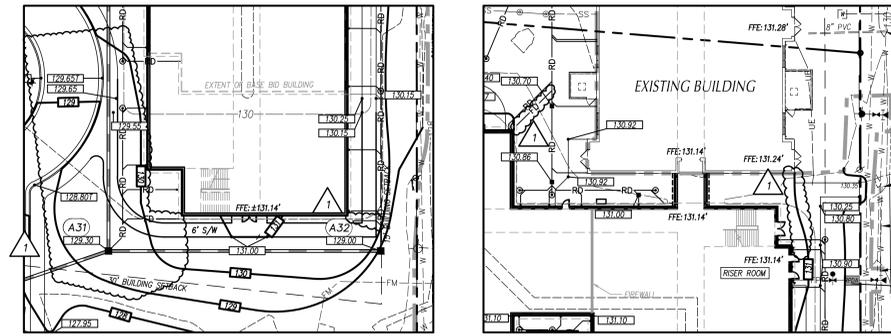
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SHEET TITLE

GRADING &
 DRAINAGE PLAN

C-3.01



- GENERAL NOTES**
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL CITY OF GOLDSBORO AND NCDOT STANDARDS AND SPECIFICATIONS.
 - ALL SPOT ELEVATIONS INDICATED AT CURB AND GUTTER AND ARE DENOTED TO TOP OF CURB, UNLESS OTHERWISE SHOWN.
 - TOTAL DENIED AREA = 6 AC
 - CONTRACTOR SHALL ADJUST ALL EXISTING VAULTS, MANHOLES, STORM DRAIN STRUCTURES, CLEANOUTS, ETC. AS NEEDED TO MATCH FINISH GRADE.
 - ALL BACKFILL, COMPACTION, SOILS TESTING, ETC. SHALL BE PERFORMED BY THE OWNER'S INDEPENDENT TESTING LABORATORY. (SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION)
 - ALL STORM DRAIN PIPES SHALL BE PROTECTED WITH STONE FILTER PROTECTION AFTER STOPPAGE OF WORK EACH DAY. SEE DETAIL ON SHEET C-7.00.
 - EXISTING VEGETATION WITHIN TREE PROTECTION AREAS SHALL REMAIN UNDISTURBED, UNLESS NOTED OTHERWISE. ANY AND ALL LANDSCAPING AND EXISTING TREES & SHRUBS TO REMAIN WHICH ARE DAMAGED DURING DEMOLITION OR CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR UTILIZING A LICENSED LANDSCAPE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
 - THE GRADING CONTRACTOR SHALL COMPLY WITH ALL STATE CODES IN OBSERVING EROSION CONTROL MEASURES BOTH ON AND OFF-SITE.
 - THE GRADING CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES AFTER EACH RAINFALL EVENT OR AS DIRECTED BY STATE AUTHORITIES OR THE ARCHITECT.
 - THE GRADING CONTRACTOR SHALL BE RESPONSIBLE FOR OFF-SITE DISPOSAL OF ALL CLEANING AND GRADING WASTE MATERIALS GENERATED DURING CONSTRUCTION AND FOR OBTAINING ALL APPLICABLE PERMITS FOR OFF-SITE STOCKPILES AND/OR WASTE AREAS.
 - THE CROSS-SLOPE ON ALL SIDEWALKS SHALL BE A MINIMUM OF 2.0%
 - CONTRACTOR SHALL VERIFY ALL EXISTING ELEVATIONS WHERE NEW CONSTRUCTION JOIN OR CONNECT TO EXISTING PAVEMENT, CURB AND OTHER ROAD STRUCTURES. NOTIFY ARCHITECT IF DISCREPANCIES OCCUR.

DRAINAGE STRUCTURE SCHEDULE

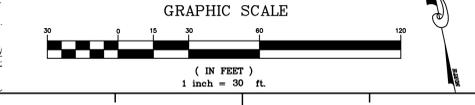
STRUCTURE NO.	PIPE DIA.	PIPE SLOPE	PIPE LENGTH (FT)	UPPER MATL.	UPPER INV. (FT)	LOWER INV. (FT)	UPSTREAM STRUCTURE DATA	UPSTREAM TOP ELEV. (FT)	UPSTREAM DEPTH (FT)	TYPE	NOTES
A1	A2	0.52%	15	105	RCP	125.35	124.80	127.85	2.50	DI	
A2	A3	0.57%	15	61	RCP	124.75	124.40	127.35	2.60	DI	
A3	A4	0.96%	15	17	RCP	124.35	124.25	126.80	2.56	DI	
A30	A31	0.51%	15	138	RCP	125.65	124.95	130.50	4.85	DI	
A31	A3	0.53%	15	75	RCP	124.85	124.45	129.30	4.45	DI	
A32	A31	0.82%	15	116	RCP	125.55	124.95	128.00	3.45	DI	
B1	B2	0.51%	15	80.36	RCP	121.37	120.96	129.54	8.17	CB	
B2	B3	0.50%	15	167.4	RCP	120.86	120.02	128.80	7.94	CB	
B3	B4	0.61%	15	151.44	RCP	119.92	119.00	128.12	6.20	CB	
B5	B3	0.61%	15	82.21	RCP	120.52	120.02	126.50	5.98	CB	
C1	C2	0.54%	15	158.62	RCP	126.05	125.20	130.40	4.35	DI	
D1	D2	0.56%	15	74.76	RCP	122.00	121.58	125.50	3.50	DI	
D2	D3	0.52%	15	91.54	RCP	121.48	121.00	126.68	5.20	MH	

LEGEND

- CB CATCH BASIN, SEE DETAIL SHEET C-9.00
- DI DROP INLET, SEE DETAIL SHEET C-9.00
- MH MANHOLE, SEE DETAIL SHEET C-9.00
- FES PRECAST FLARED END SECTION
- PE PLAN END PIPE
- RD DUCTILE IRON PIPE(DIP) SHALL HAVE WATER TIGHT JOINTS.

NOTES

- TOP ELEVATION IS TOP OF BACK OF CURB FOR CATCH BASINS, TOP OF RM DROP INLETS, AND FINISH GRADE FOR CLEANOUTS.
- ALL FES INLETS & OUTLETS SHALL BE RCP.
- DUCTILE IRON PIPE(DIP) SHALL HAVE WATER TIGHT JOINTS.



INSET - SEE SHEET C-0.01

PROJECT INFORMATION

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 WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S., Goldsboro, NC 27530

SEALS



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REVISIONS

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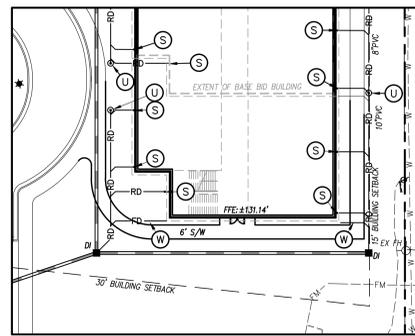
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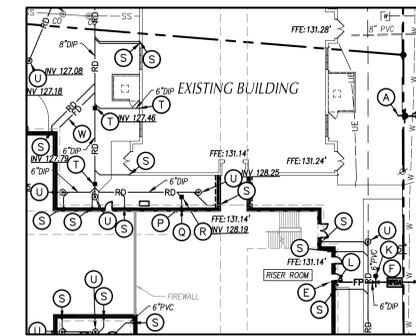
SHEET TITLE

UTILITY PLAN

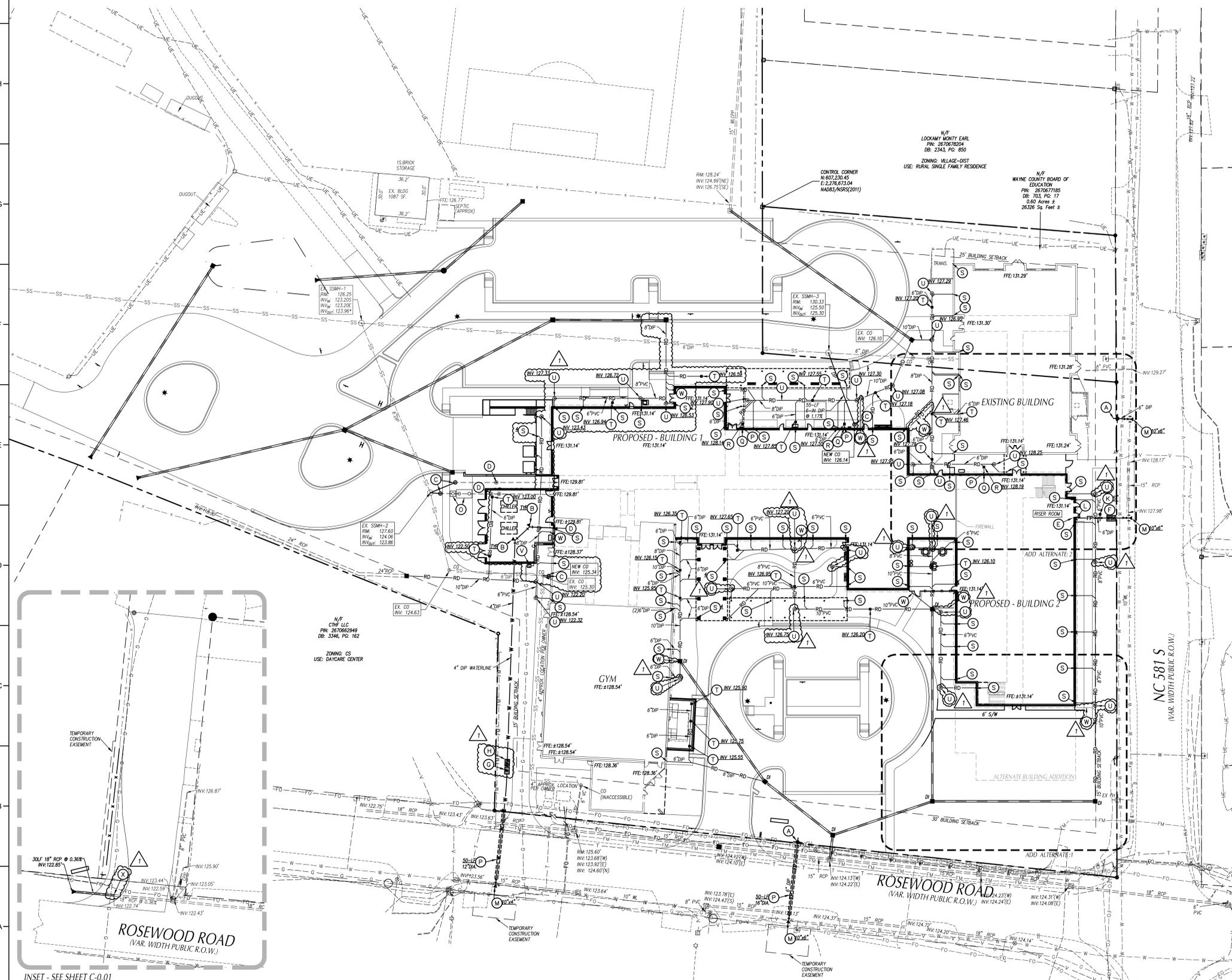
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ADD ALTERNATE 1



ADD ALTERNATE 2



UTILITY LEGEND

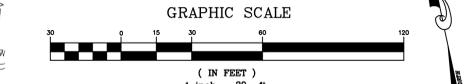
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CHILLED WATER	-----CW-----	-----CW-----
ELECTRICAL (OVERHEAD)	-----E-----	-----E-----
ELECTRICAL (UNDERGROUND)	-----UE-----	-----UE-----
FOUNDATION DRAIN	-----FD-----	-----FD-----
GAS	-----G-----	-----G-----
SANITARY SEWER	-----SS-----	-----SS-----
TELEPHONE (OVERHEAD)	-----T-----	-----T-----
TELEPHONE (UNDERGROUND)	-----UT-----	-----UT-----
WATER	-----W-----	-----W-----
ROOF DRAIN	-----RD-----	-----RD-----
FIRE PROTECTION	-----FP-----	-----FP-----
STORM DRAIN	-----SD-----	-----SD-----
TREE PROTECTION FENCING, SEE EROSION CONTROL PLANS	-----	-----
LIGHT POLE	LP	*
UTILITY POLE	PP	*
MANHOLE	MH	●
CLEAN OUT	CO	○
DROP INLET, CATCH BASIN, INLET DRAIN	DI, CB, ID	○
FIRE HYDRANT	FH	■
WATER VALVE	WV	■
POST INDICATOR VALVE (PIV)	PIV	■
FIRE DEPARTMENT CONNECTION (FDC)	FDC	■
THRUST BLOCCING	TB	■
SANITARY SEWER STRUCTURE IDENTIFICATION	SS	■

GENERAL NOTES-UTILITY

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL CITY OF GOLDSBORO AND NCDOT STANDARDS, SPECIFICATIONS AND DETAILS.
- INSTALL WATERMANS WITH A COVER OF NO LESS THAN 3'-FT.
- INSTALL SEWER MAINS WITH A COVER OF NO LESS THAN 3'-FT TO FINISH GRADE IN NON-TRAFFIC AREAS, 4'-FT TO FINISH GRADE IN TRAFFIC AREAS.
- INSTALL ALL UTILITIES TO PROVIDE REQUIRED CLEARANCES AS INDICATED IN THE SPECIFICATIONS.
- WATERLINES AND SEWER MAINS SHALL BE INSTALLED WITH A MINIMUM HORIZONTAL CLEARANCE OF 10'-FT.
- SEWER MAINS SHALL BE INSTALLED WITH A MINIMUM VERTICAL CLEARANCE OF 24"-IN TO STORM DRAINAGE PIPES.
- COORDINATE AND SCHEDULE INSTALLATION OF ALL UTILITIES WITH OTHER PRIME CONTRACTORS, UTILITY COMPANIES AND OTHER TRADES INCLUDING BUT NOT LIMITED TO: NATURAL GAS, ELECTRICITY, TELEPHONE AND CABLE.
- VERIFY EXISTING CONDITIONS AND CONNECTIONS TO EXISTING UTILITIES PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT IF ANY DISCREPANCIES ARE DISCOVERED.
- CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGES DURING CONSTRUCTION AND SHALL MAKE REPAIRS AT NO EXPENSE TO THE OWNER.
- ALL CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE NCSBC AND OSHA REQUIREMENTS.
- THE CONTRACTOR SHALL PROVIDE AN AS-BUILT SURVEY OF ALL UTILITY AND STORM DRAINAGE IMPROVEMENTS FOLLOWING CONSTRUCTION. SEE SPECS FOR ALL AS-BUILT REQUIREMENTS.
- CONTRACTOR SHALL PHASE DEMOLITION AND NEW CONSTRUCTION TO ENSURE UNINTERRUPTED ACCESS AND UTILITY SERVICES TO ADJACENT FACILITIES. COORDINATE SHORT-TERM, OFF-HOURS, TEMPORARY SHUT-DOWNS WITH THE OWNER.
- SEE GENERAL NOTES ON EXISTING CONDITIONS AND DEMOLITION PLAN FOR REQUIREMENTS FOR REMOVAL AND PATCHING OF PAVEMENT FOR UTILITY INSTALLATION.
- ALL ROOF DRAINS SHALL BE 6" PVC (SCH 40) @ 1.04% MIN. SLOPE UNLESS INDICATED OTHERWISE. USE DUCTILE IRON WHEN COVER IS LESS THAN 24"-IN.
- ALL SANITARY SEWER SERVICES SHALL BE 4" PVC (SCH 40) @ 0.04% MIN. SLOPE UNLESS INDICATED OTHERWISE. USE DUCTILE IRON WHEN COVER IS LESS THAN 24"-IN.
- ALL CONCRETE LINES SHALL BE CONNECTED TO STORM DRAINAGE SYSTEM.
- NO WORK SHALL BE PERFORMED ON RIGHT-OF-WAYS OR ADJACENT PROPERTIES UNTIL THE OWNER NOTIFIES CONTRACTOR IN WRITING OF PROCUREMENT OF APPROPRIATE PERMITS, EASEMENTS, AGREEMENTS, OR RIGHTS-OF-WAY.

KEY NOTES

- (A) FIRE HYDRANT ASSEMBLY, SEE DETAIL SHEET C-8.01.
- (B) THRUST BLOCCING, TYP. SEE DETAIL SHEET C-8.01.
- (C) SANITARY SEWER CLEANOUT, SEE DETAIL SHEET C-9.00.
- (D) EXTEND UTILITY TO WITHIN 5'-0" OF BUILDING WALL OR AS INDICATED ON PLUMBING PLANS. REFER TO PLUMBING PLANS FOR LOCATION AND INVERTS.
- (E) EXTEND WATER MAIN TO 12"-IN ABOVE FINISH FLOOR FOR FIRE PROTECTION/PLUMBING CONNECTION. SEE DETAIL SHEET C-8.01. REFER TO FIRE PROTECTION/PLUMBING PLANS FOR EXACT LOCATION.
- (F) 6-IN WATTS MODEL 957RPPA REDUCED PRESSURE DETECTOR ASSEMBLY (RPDA) WITHIN HEATED ENCLOSURE. SEE ARCHITECTURAL PLANS FOR EXACT LOCATION AND INVERTS.
- (G) 4-IN WATTS MODEL LF900-LF REDUCED PRESSURE ASSEMBLY (RPA) WITHIN HEATED ENCLOSURE. SEE DETAIL SHEET C-9.01. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- (H) GATE VALVE AND VALVE BOX, SEE DETAIL SHEET C-9.01. VALVE DIAMETER TO MATCH WATER LINE DIAMETER.
- (I) 6-IN POST INDICATOR VALVE W/ TAMPER SWITCH, SEE DETAIL SHEET C-9.01 AND SPECS. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- (J) FIRE DEPARTMENT CONNECTION ON EXTERIOR BUILDING WALL. SEE FIRE PROTECTION PLAN.
- (K) TAPPING SLEEVE, VALVE AND BLOCCING ASSEMBLY, SEE DETAIL SHEET C-9.00.
- (L) RESTRAIN FIRE HYDRANT THROUGH VALVE TO THRUST COLLAR.
- (M) 2,000-GALLON GREASE INTERCEPTOR WITH SAMPLING VAULT, SEE PLUMBING PLANS.
- (N) HORIZONTAL INLINE BACKWATER VALVE, SEE PLUMBING PLANS.
- (O) 3-IN CONDENSATE LINE, SEE PLUMBING PLANS.
- (P) CONDENSATE RELIEF BASIN, SEE DETAIL SHEET C-9.00.
- (Q) CONNECT TO DOWNSPOUT BOOT, SEE ARCHITECTURAL PLAN FOR DETAIL.
- (R) IN-LINE DRAIN, SEE DETAIL SHEET C-9.00.
- (S) ROOF DRAIN CLEANOUT, SEE DETAIL SHEET C-9.00.
- (T) GAS METER WITH 2" NATURAL GAS PIPING, SEE PLUMBING PLAN.
- (U) CONNECT 4-IN PVC TO FOUNDATION DRAIN, SEE ARCHITECTURAL AND STRUCTURAL PLANS FOR MORE INFORMATION.
- (V) PIPE COLLAR, SEE DETAIL SHEET C-9.01.



INSET - SEE SHEET C-0.01

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION
 WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S., Goldsboro, NC 27530

SEALS



Digitally signed by Steven J. Miller
 Date: 2025.01.30 16:37:16-05'00'

DKA JOB NUMBER

2401

REVISIONS

NO.	ADDENDUM #	DATE
1		2/3/2025

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 PM: RW
 Drawn By: PH
 Plot Date: 01/08/2025

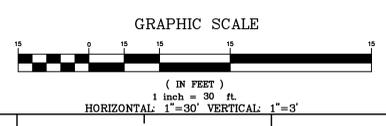
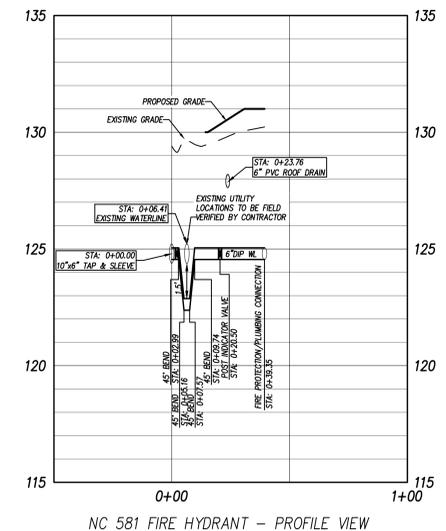
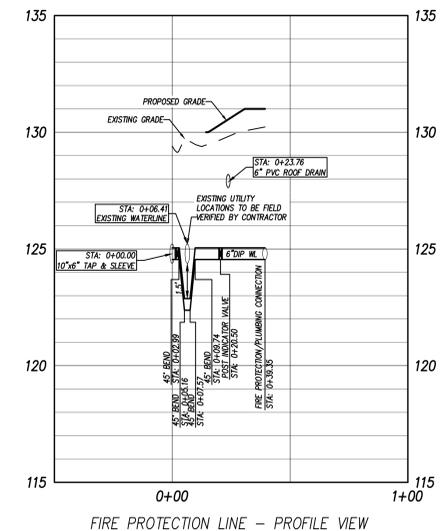
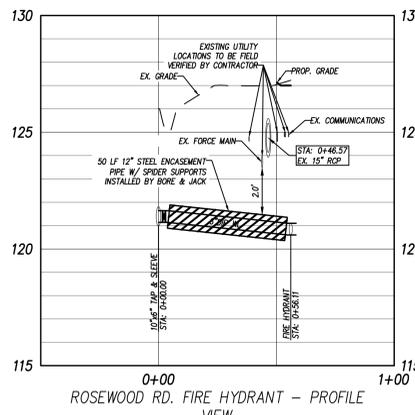
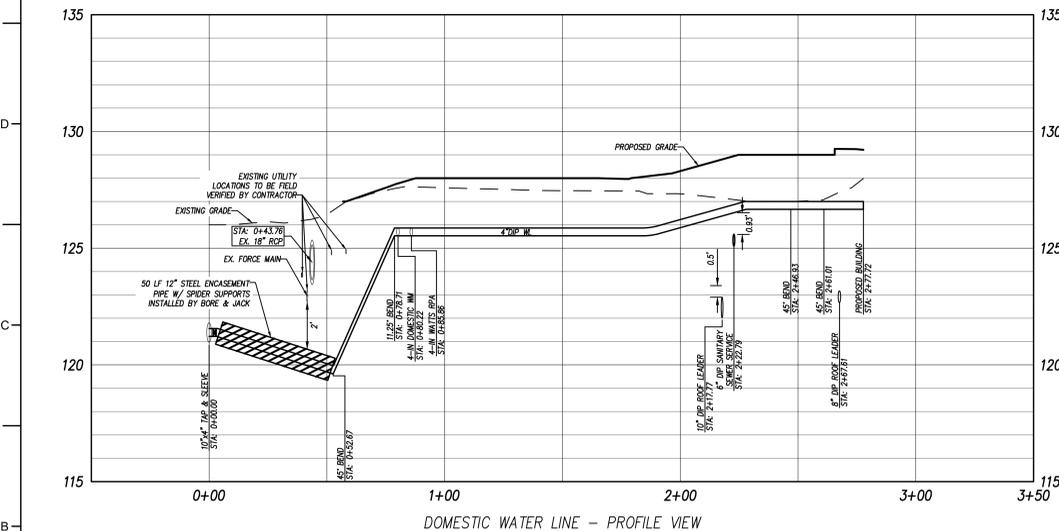
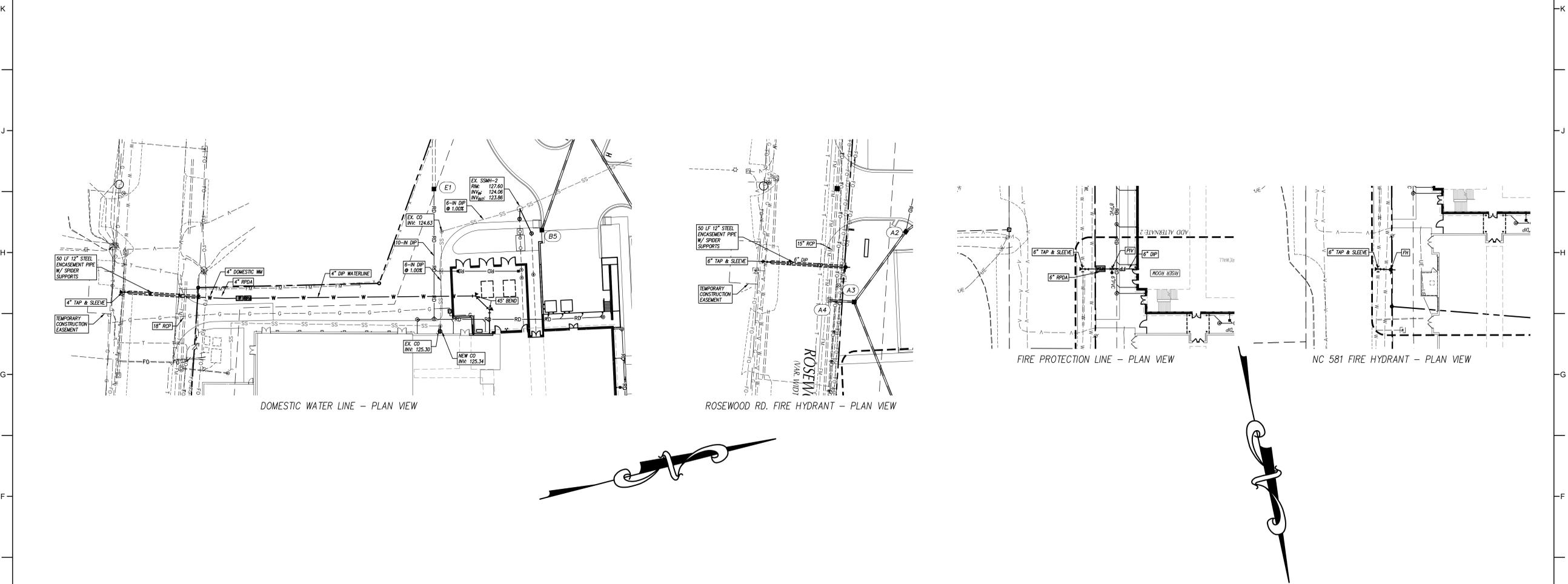
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BID DOCUMENTS
 01/10/2025

SHEET TITLE

DOMESTIC WATER LINE
 PLAN & PROFILE

C-5.02



PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 881 S, Goldsboro, NC 27530

SEALS



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REVISIONS

ADDENDUM #1	2/3/2025

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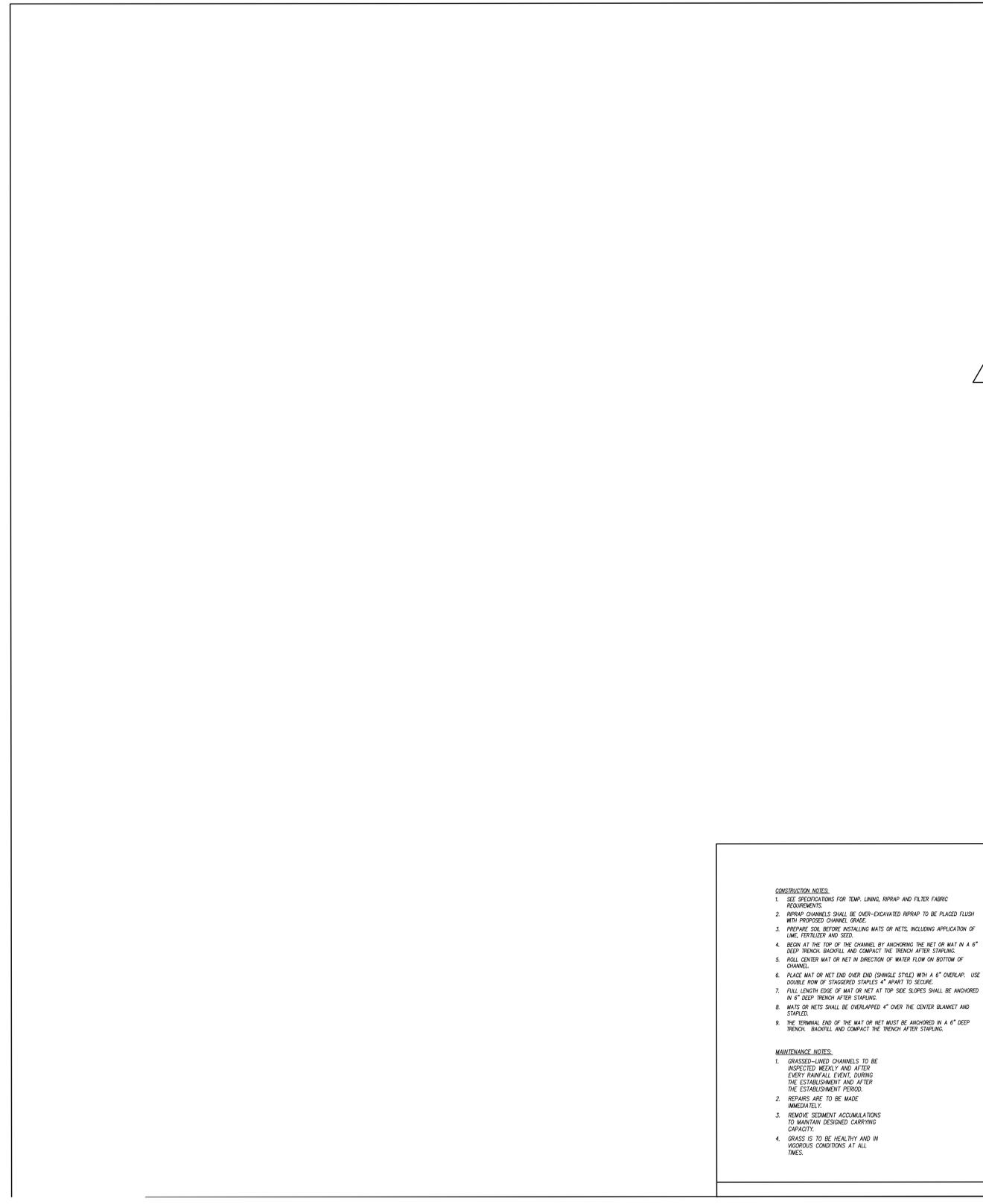
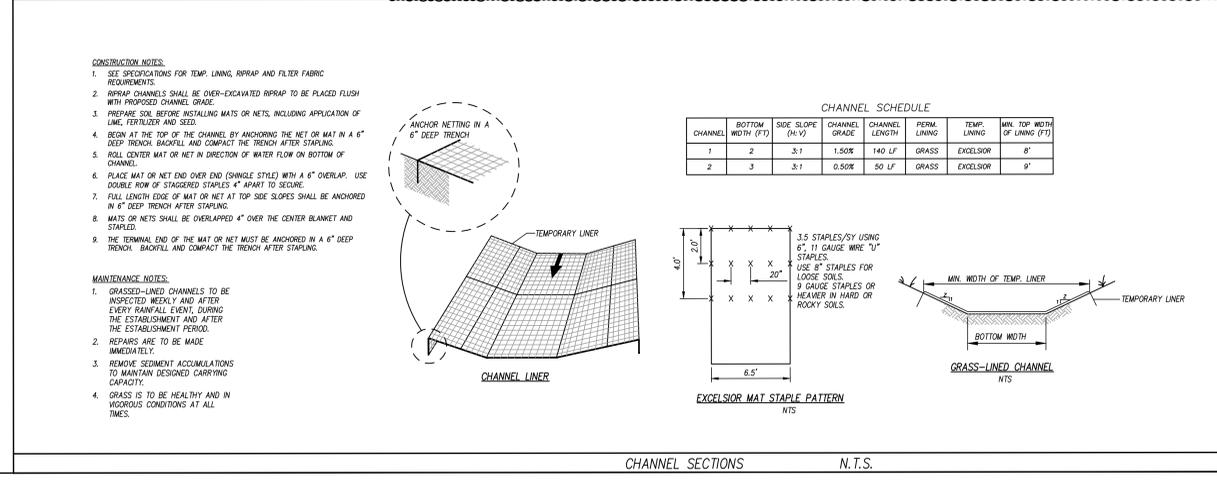
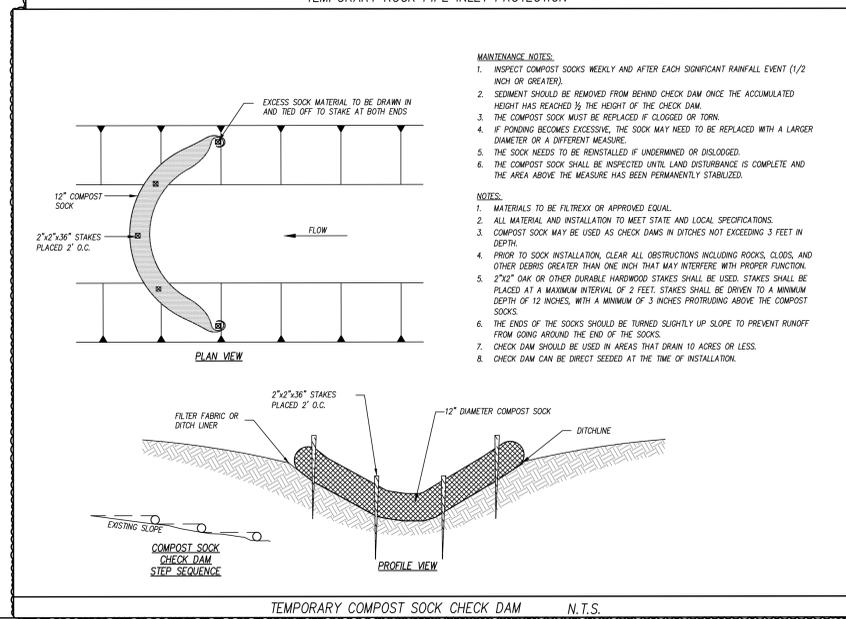
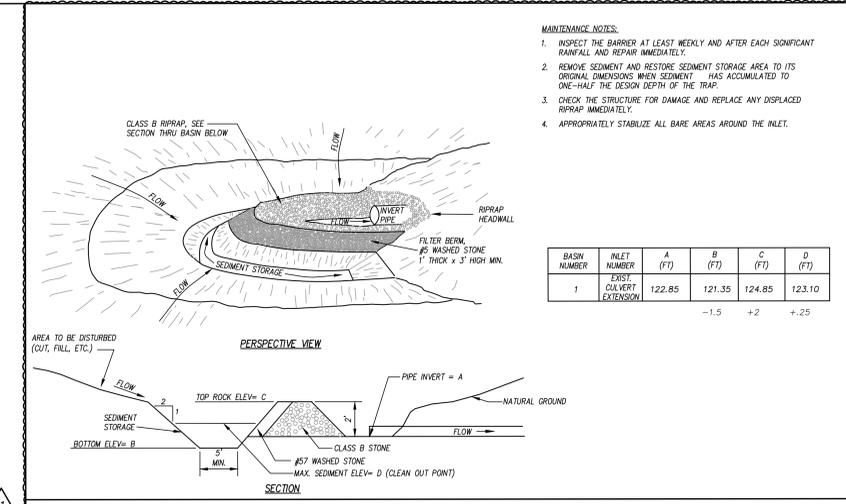
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SHEET TITLE

EROSION CONTROL & SCM DETAILS

C-7.02



PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 881 S. Goldsboro, NC 27530

SEALS



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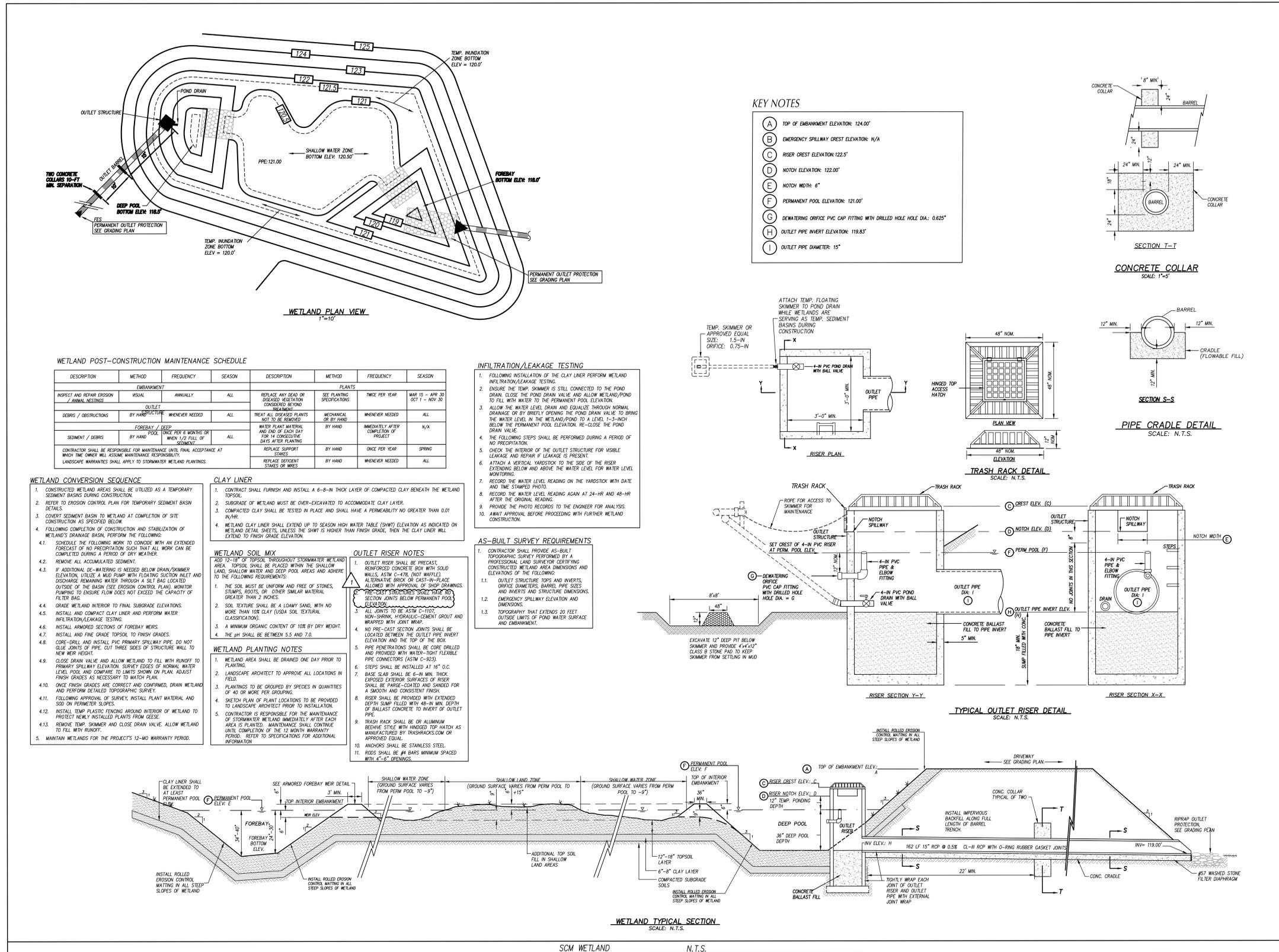
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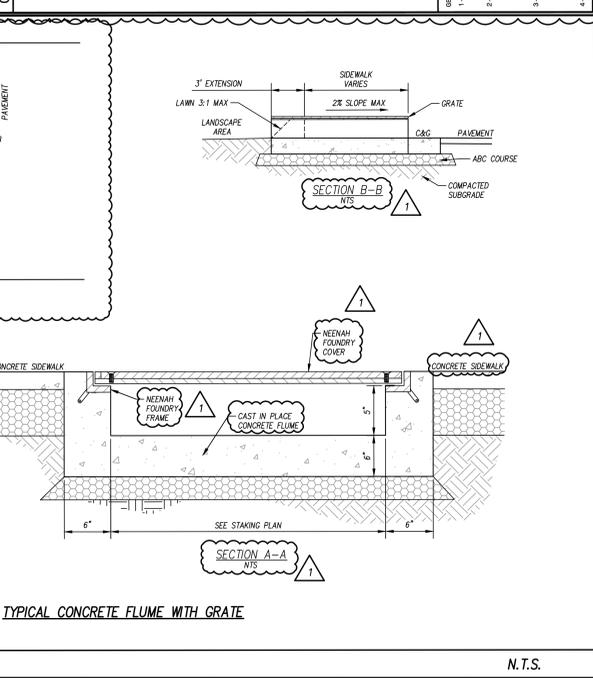
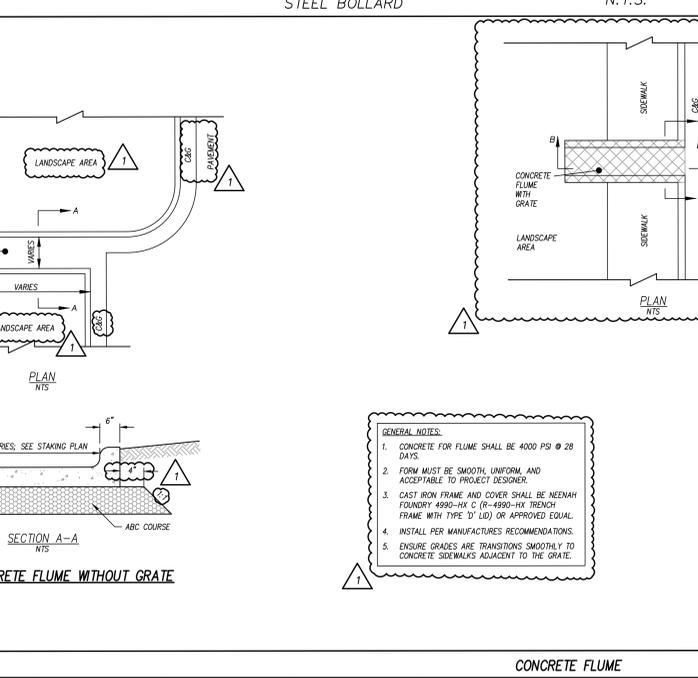
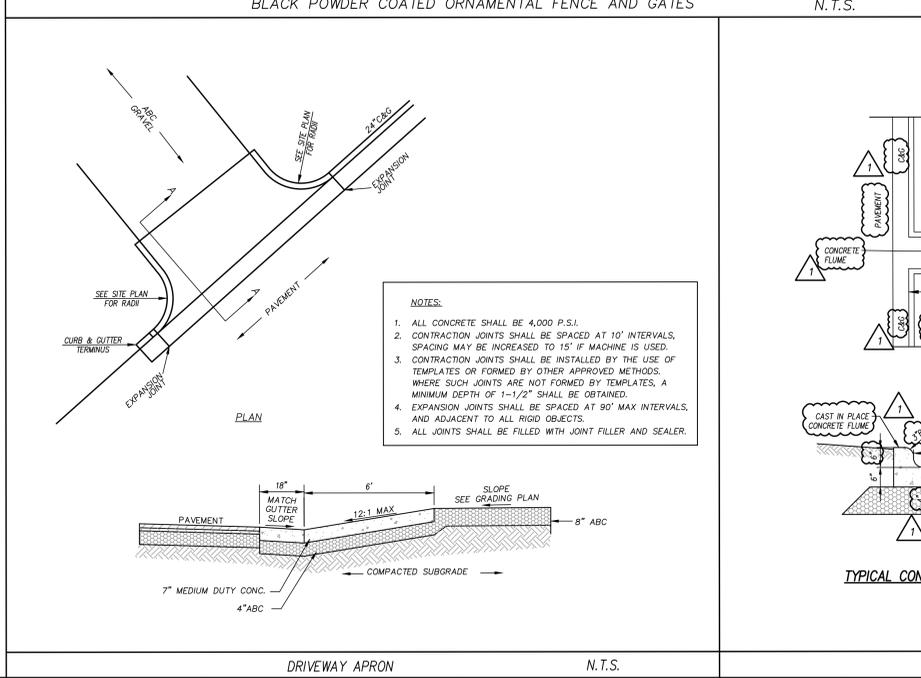
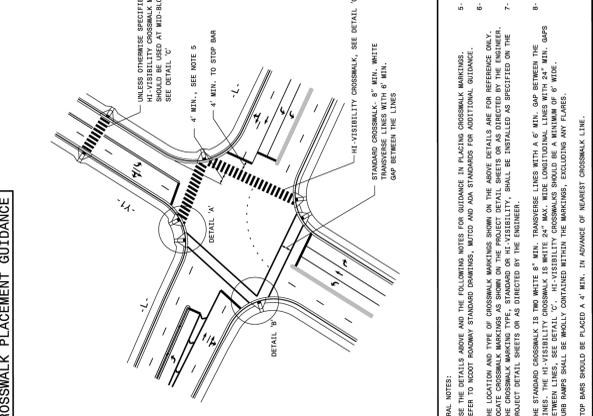
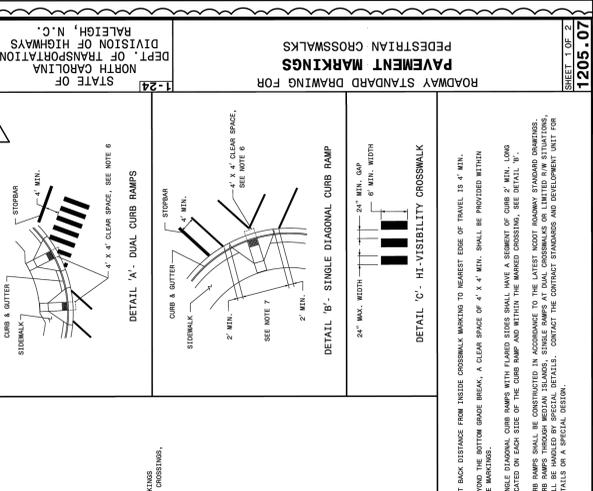
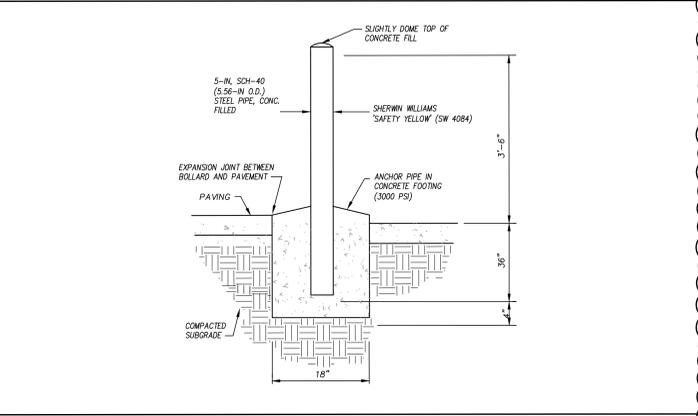
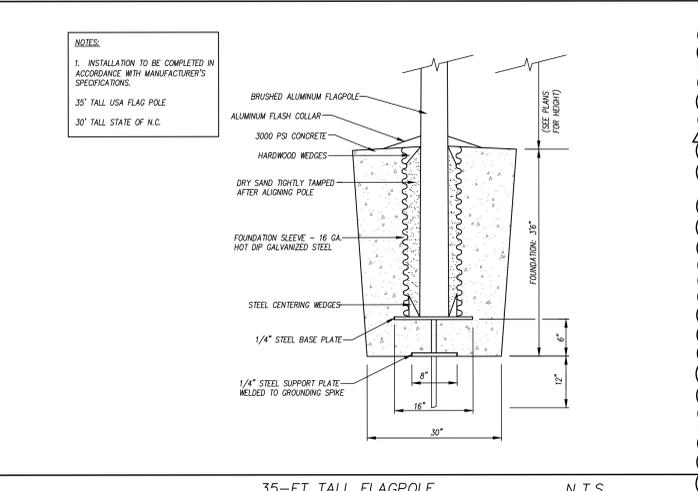
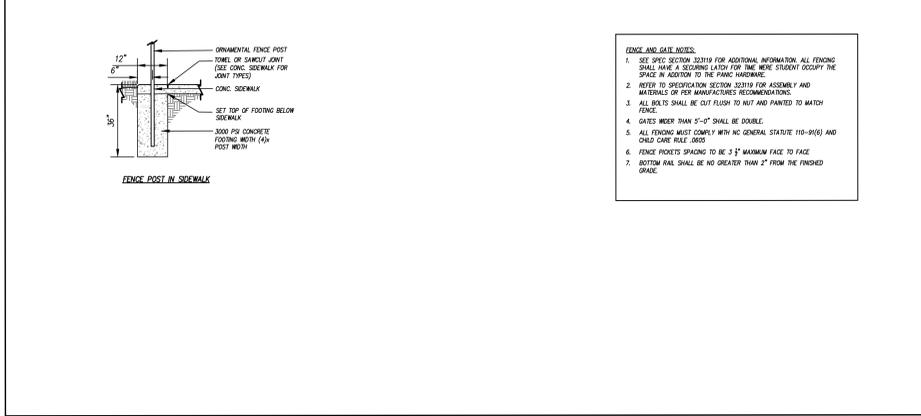
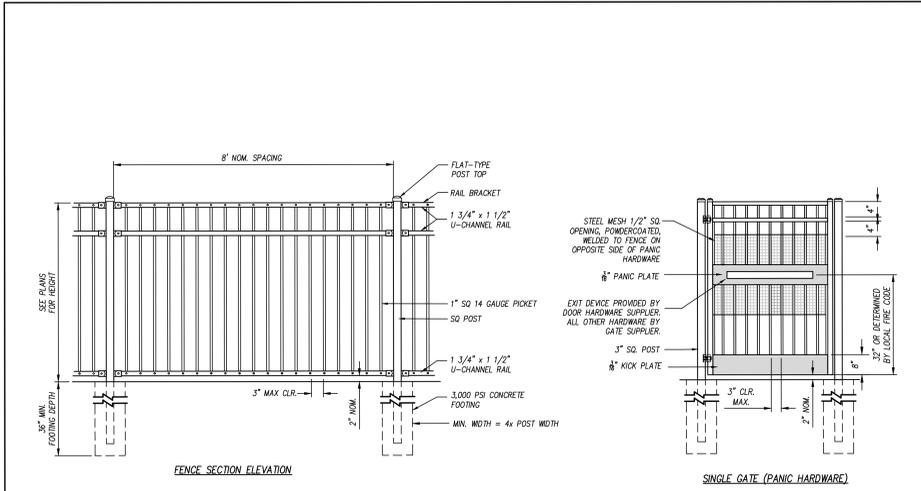
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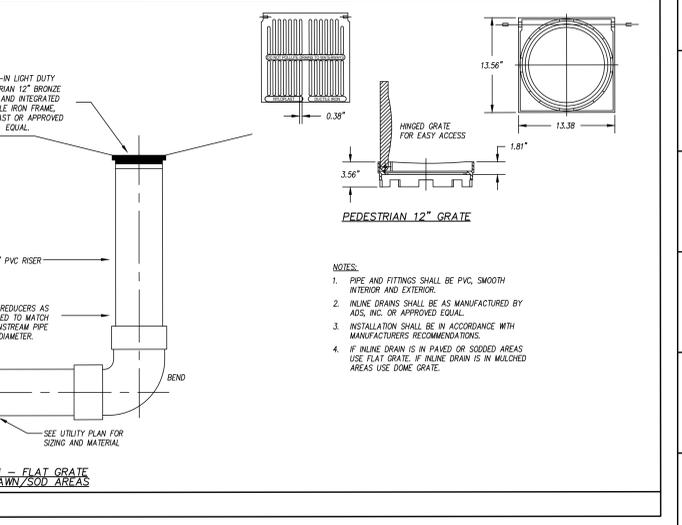
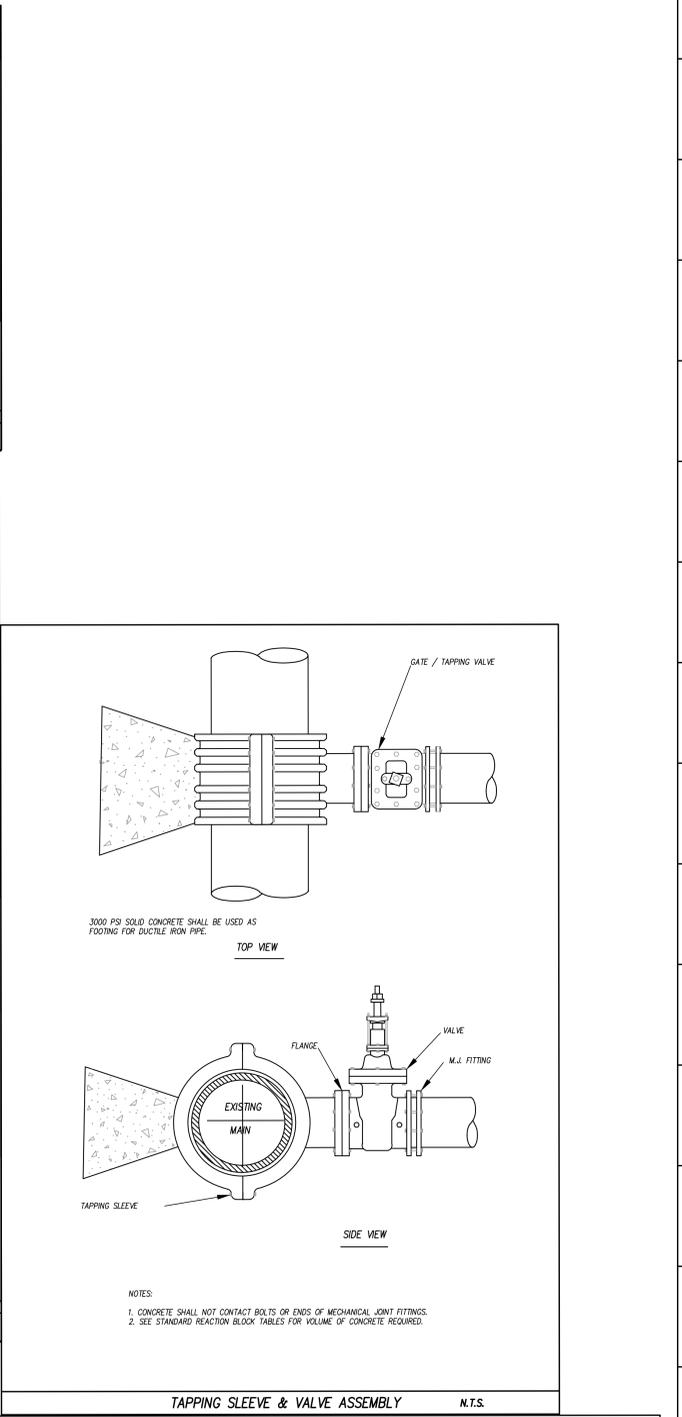
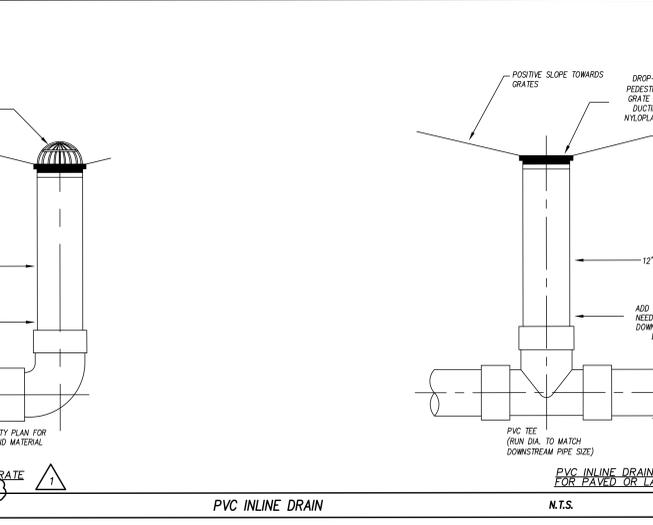
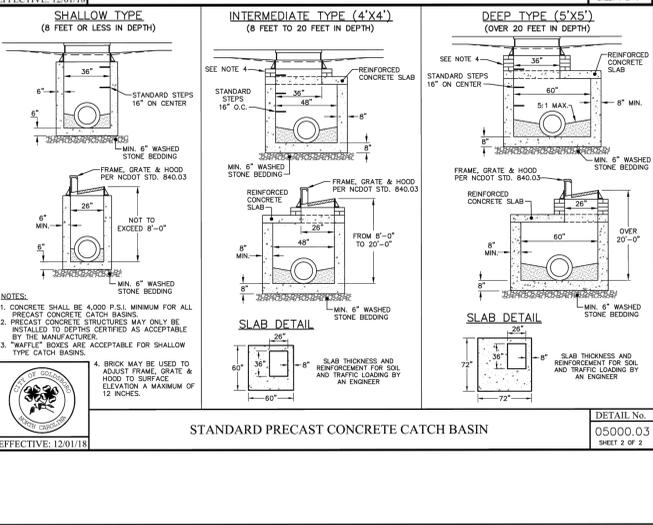
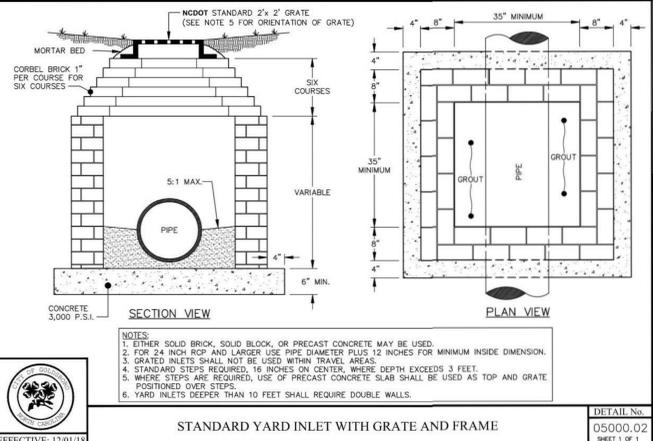
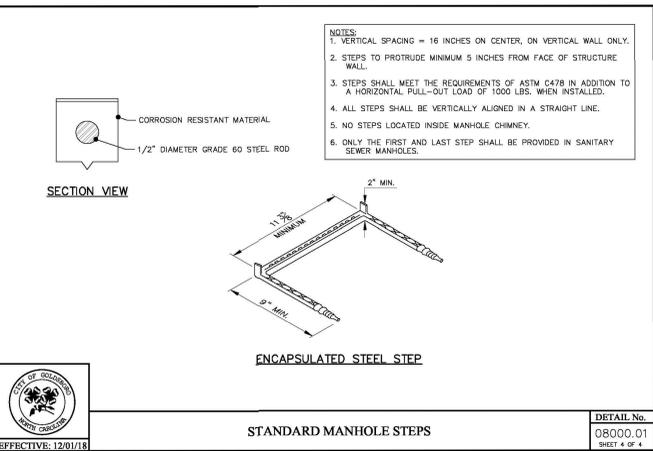
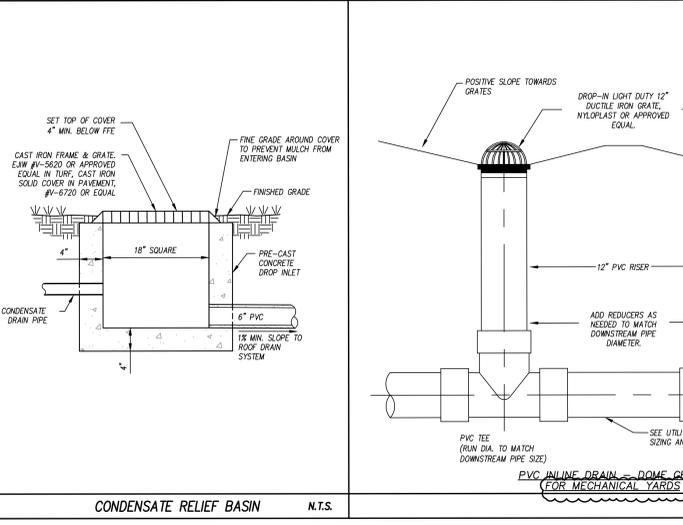
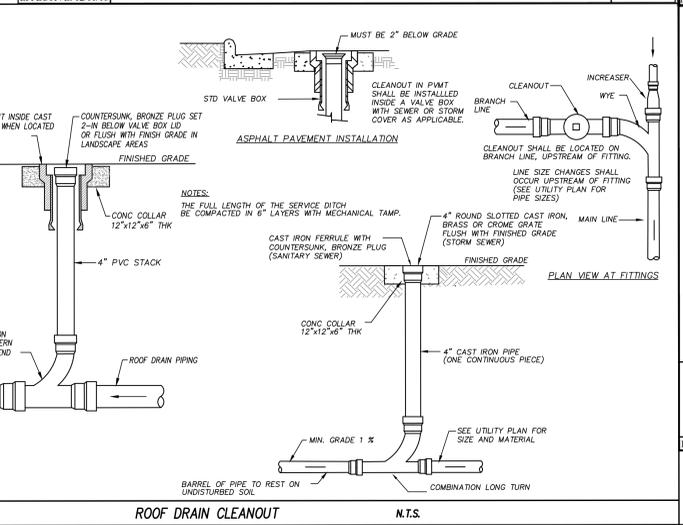
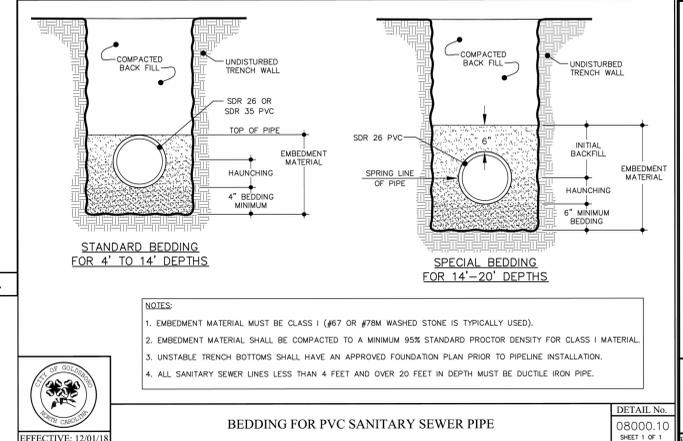
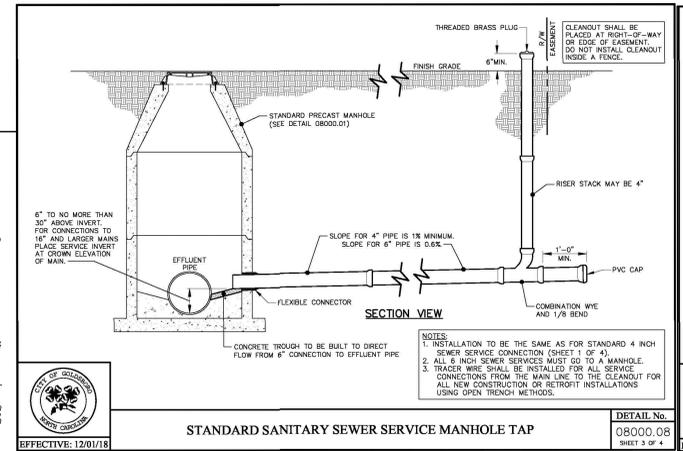
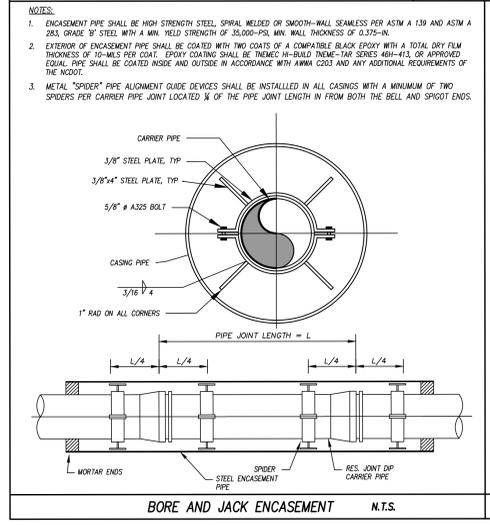
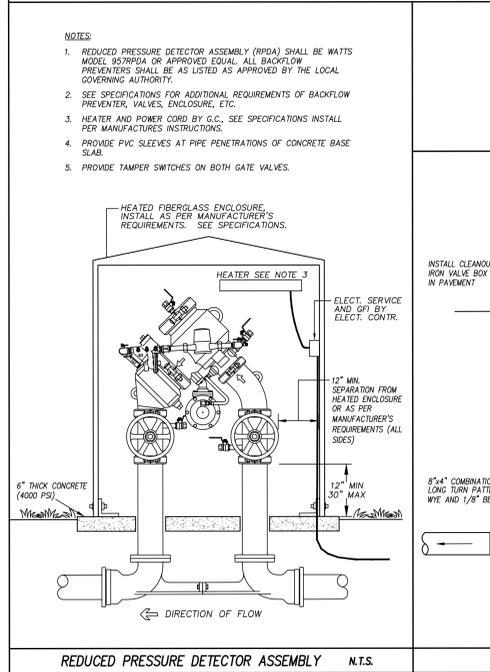
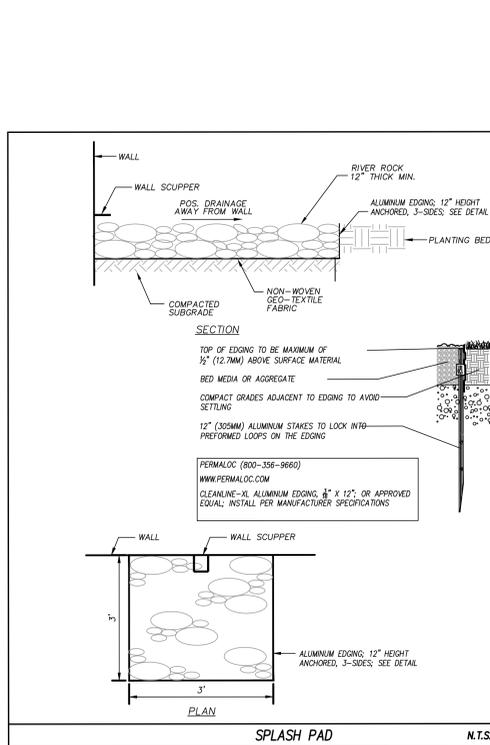
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EROSION CONTROL & SCM DETAILS

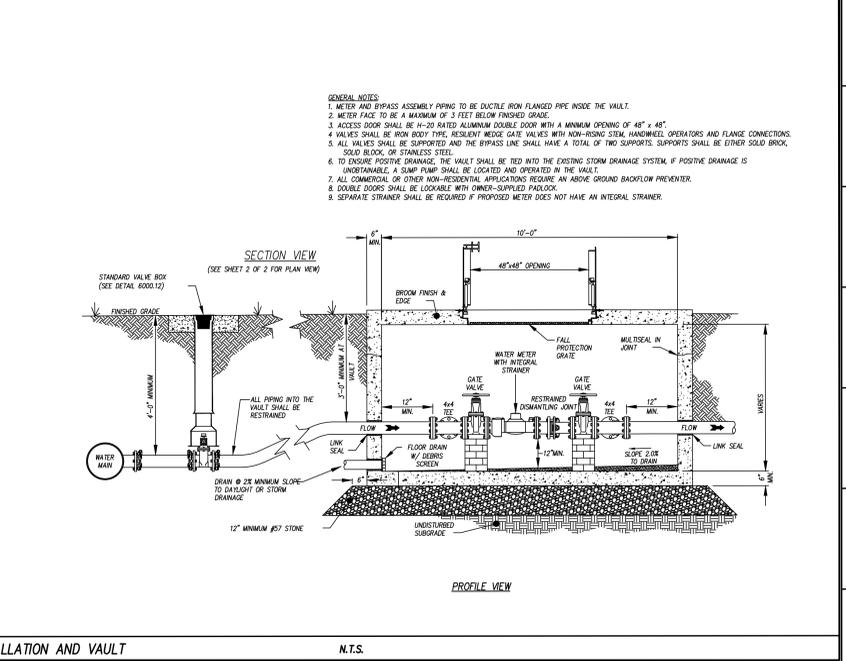
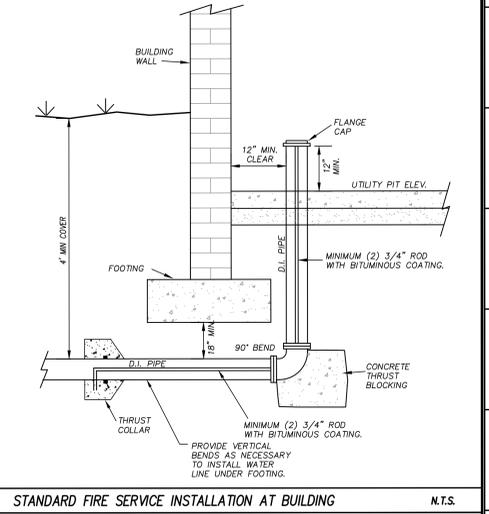
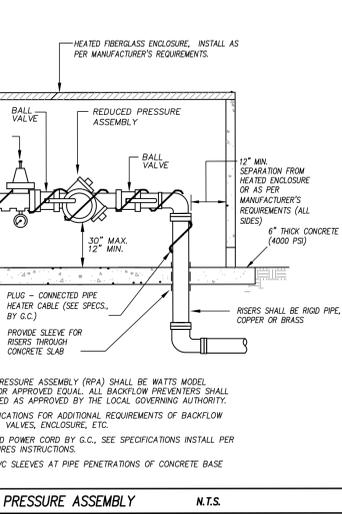
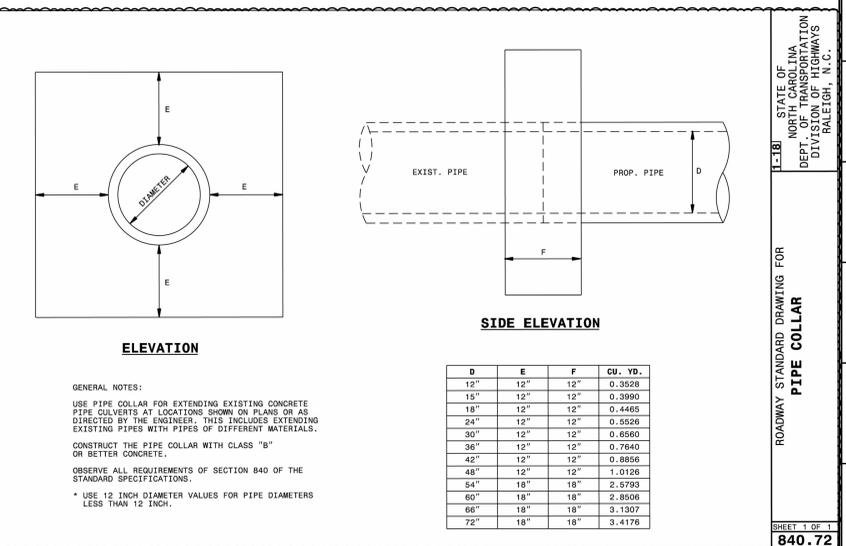
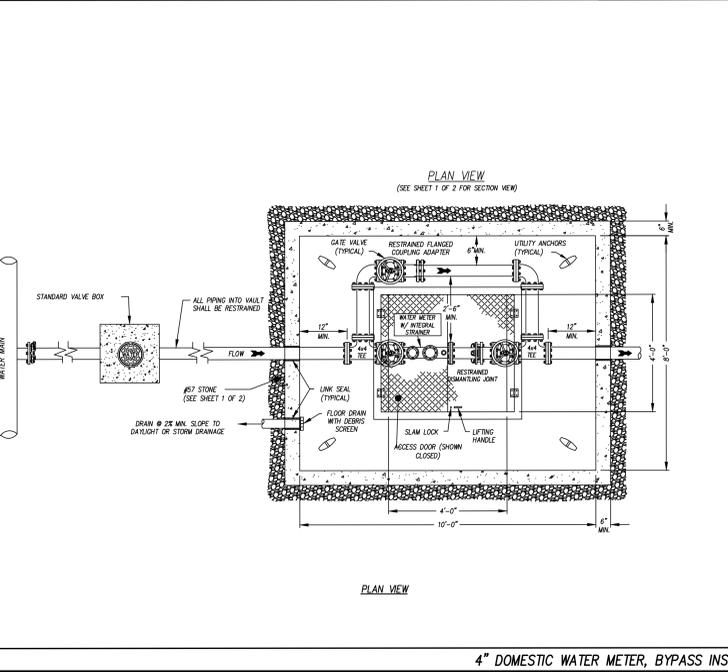
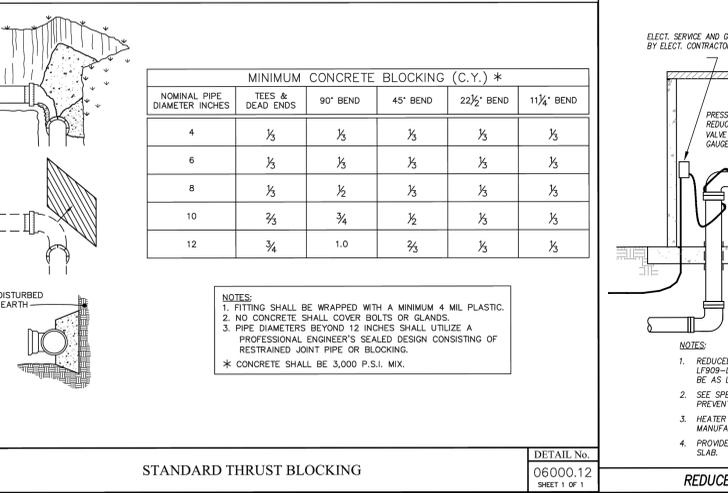
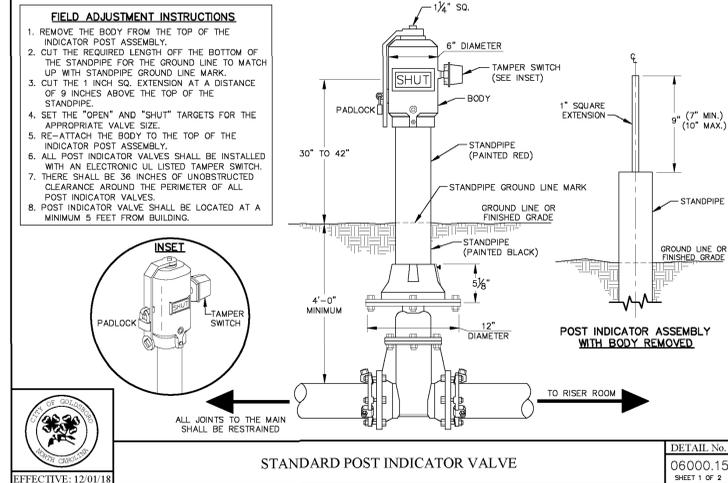
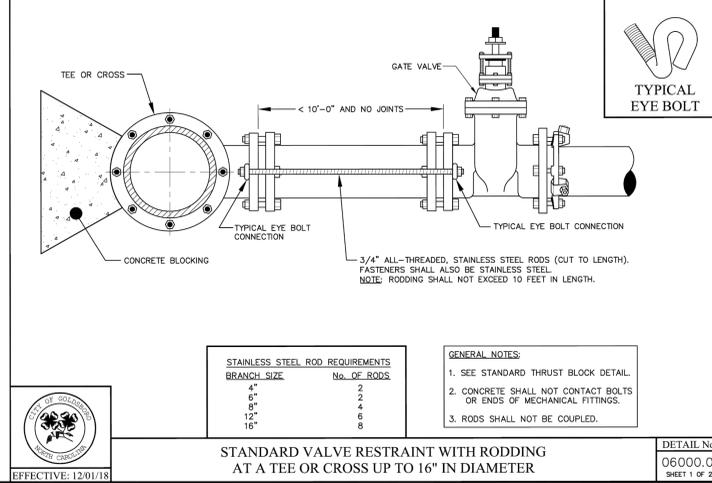
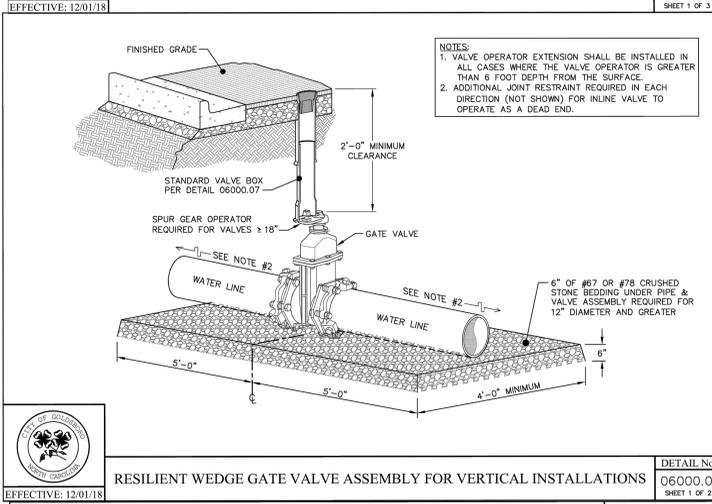
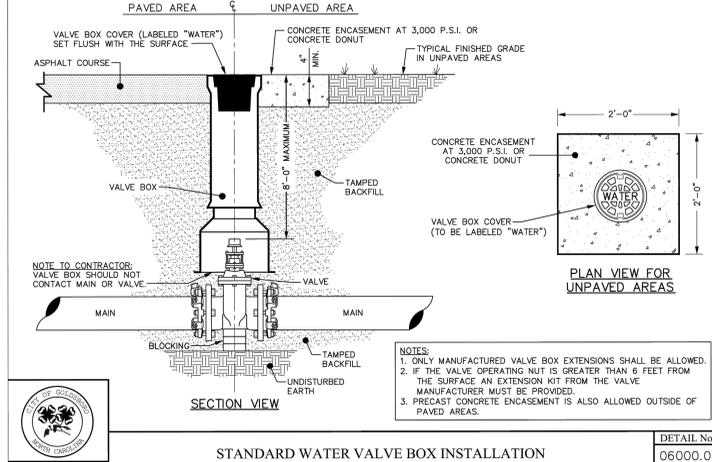
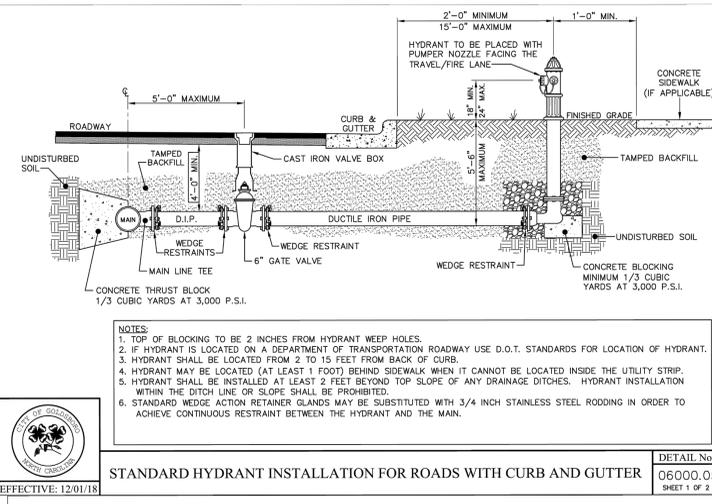
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DEMOLITION PLAN KEY NOTES:

NOTE: KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE PLANS FOR KEYPED ITEM LOCATIONS. SEE THIS SHEET FOR SELECTIVE DEMOLITION GENERAL NOTES.

01	DEMOLISH HM DOOR AND DOOR HARDWARE. EXISTING HM FRAME TO REMAIN.	21	EXISTING PLUMBING FIXTURES, TOILET PARTITIONS, AND TOILET ROOM ACCESSORIES TO REMAIN IN THIS ROOM.
02	DEMOLISH TOILET PARTITIONS AND ALL TOILET ROOM ACCESSORIES IN THIS ROOM.	22	EXISTING PLUMBING FIXTURES, CASEWORK, COUNTERTOPS, AND CONCESSIONS EQUIPMENT TO REMAIN IN THIS ROOM.
03	DEMOLISH VCT FLOORING IN THIS ROOM, INCLUDING RUBBER BASE AND ALL ADHESIVES.	23	DEMOLISH CHAIN-LINK FENCE AND FOOTINGS.
04	DEMOLISH QUARRY TILE FLOORING AND BASE IN THIS ROOM, INCLUDING MUD BED, DOWN TO A CLEAN STRUCTURAL SLAB OR WALL SURFACE.	24	EXISTING LOCKERS TO REMAIN. PROTECT DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.
05	DEMOLISH EXTERIOR WALL, FOOTING, SLAB, AND ROOF DECK TO ALLOW FOR CONSTRUCTION OF NEW CMU SHEAR WALL. SHORE EXISTING ROOF.	25	EXISTING ICE MAKER TO REMAIN. PROTECT DURING CONSTRUCTION.
06	DEMOLISH EXTERIOR WALL AND FOOTING. SHORE EXISTING ROOF.	26	BOLT SHUT FROM INTERIOR AND RE-PAIN EXISTING HM DOOR AND HM FRAME FROM EXTERIOR.
07	DEMOLISH PLUMBING FIXTURE. SEE PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS.	27	DEMOLISH WALL TO EXTENTS OF NEW OPENING AND BOND BEAM.
08	DEMOLISH LOCKERS.	28	DEMOLISH SLAB ON GRADE (OR EXTERIOR SIDEWALK, SEE CIVIL) TO EXTENT OF NEW INTERIOR SLAB ON GRADE.
09	DEMOLISH SHOWER HEAD, CONTROLS AND SHOWER ACCESSORIES. SEE PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS.	29	DEMOLISH CEILING GRID, CEILING TILES, CEILING-MOUNTED LIGHT FIXTURES, HANGERS, FASTENERS, ETC IN THIS ROOM. SEE ELECTRICAL DRAWINGS FOR REQUIREMENTS OF LIGHT FIXTURE DEMOLITION, AS WELL AS FIRE ALARM AND OTHER CEILING-MOUNTED DEVICES TO REMAIN. PROTECT HVAC DIFFUSERS AND GRILLES TO REMAIN.
10	DEMOLISH BASE AND WALL CABINETS, INCLUDING COUNTERTOP.	30	DEMOLISH RUBBER BASE THROUGHOUT CORRIDOR.
11	DEMOLISH WOOD SHELVING.	31	EXISTING MARKERBOARDS, TACKBOARDS, TACK STRIPS TO REMAIN IN THIS ROOM.
12	DEMOLISH BENCHES.		
13	CAREFULLY REMOVE WOOD ATHLETIC FLOORING IN CORNER OF GYM DOWN TO A CLEAN STRUCTURAL SLAB. REFER TO RENOVATION PLAN TO PREPARE FOR NEW WORK.		
14	DEMOLISH HM DOOR AND DOOR HARDWARE. EXISTING HM FRAME AND TRANSOM PANEL TO REMAIN.		
15	DEMOLISH HM DOOR, HM FRAME, AND DOOR HARDWARE IN ITS ENTIRETY.		
16	DEMOLISH VISUAL DISPLAY BOARD, SUCH AS CHALKBOARD, TACKBOARD, MARKERBOARD.		
17	EXISTING WOOD ATHLETIC FLOORING AND BASE TO REMAIN, UON. CONTRACTOR TO PROTECT DURING CONSTRUCTION.		
18	EXISTING BLEACHERS TO REMAIN.		
19	EXISTING MECHANICAL UNITS AND DUCTWORK TO REMAIN. CONTRACTOR TO PROTECT AND MAINTAIN DURING CONSTRUCTION.		
20	EXISTING FLOORING AND WALL FINISHES TO REMAIN IN THIS ROOM.		

HAZARDOUS MATERIALS GENERAL NOTES:

- CERTAIN EXISTING MATERIALS THROUGHOUT THE GYM BUILDING (AREA E) TESTED POSITIVE FOR HAZARDOUS CONTENT. REFER TO THE HAZARDOUS MATERIALS REPORTS IN THE PROJECT MANUAL FOR AVAILABLE INFORMATION.
- IN THE EVENT THAT HAZARDOUS MATERIALS NOT NOTED IN THE HAZARDOUS MATERIALS REPORTS ARE ENCOUNTERED, THE CONTRACTOR IS TO STOP WORK IMMEDIATELY AND CONTACT THE OWNER'S REPRESENTATIVE.

SELECTIVE DEMOLITION GENERAL NOTES:

- DASHED LINES INDICATE WALL, STRUCTURE, OR OTHER BUILDING SYSTEM COMPONENTS THAT ARE NOTED ON PLAN AS TO BE DEMOLISHED OR TO BE FULLY AND COMPLETELY DEMOLISHED AND REMOVED. UON. FOR BUILDING SYSTEM COMPONENTS THAT ARE TO BE DEMOLISHED, ALL EXPOSED AND RECESSED CONDUIT, PIPING, BOXES, PANELS, SWITCHGEAR, JUNCTIONS, FITTINGS, WIRES, PIPES, DUCTS, EQUIPMENT, ANCHORS, FASTENERS, ETC. SHALL BE DEMOLISHED. RECESSED SHALL MEAN COMPONENTS THAT ARE CONTAINED WITHIN A WALL, FLOOR OR CEILING SURFACE. PIPING THAT IS FULLY CONCEALED WITHIN MASONRY WALLS OR CONCRETE MAY REMAIN IF IT IS STABLE AND SECURELY SUPPORTED BY BUILDING STRUCTURE.
- SEE RENOVATION FLOOR PLANS FOR LAYOUT DIMENSIONS FOR NEW OPENINGS AND NEW WORK NOT SHOWN ON DEMOLITION PLANS.
- PLUMBING, ELECTRICAL, MECHANICAL, SPECIAL SYSTEMS AND OTHER BUILDING SYSTEM COMPONENTS THAT ARE NOTED ON PLAN AS TO BE DEMOLISHED ARE TO BE FULLY AND COMPLETELY DEMOLISHED AND REMOVED. UON. FOR BUILDING SYSTEM COMPONENTS THAT ARE TO BE DEMOLISHED, ALL EXPOSED AND RECESSED CONDUIT, PIPING, BOXES, PANELS, SWITCHGEAR, JUNCTIONS, FITTINGS, WIRES, PIPES, DUCTS, EQUIPMENT, ANCHORS, FASTENERS, ETC. SHALL BE DEMOLISHED. RECESSED SHALL MEAN COMPONENTS THAT ARE CONTAINED WITHIN A WALL, FLOOR OR CEILING SURFACE. PIPING THAT IS FULLY CONCEALED WITHIN MASONRY WALLS OR CONCRETE MAY REMAIN IF IT IS STABLE AND SECURELY SUPPORTED BY BUILDING STRUCTURE.
- CONTRACTOR SHALL REFERENCE ALL DRAWINGS TO DETERMINE THE EXTENT OF CUTTING AND PATCHING, PATCHING, BACKFILL, REPAIRS, ETC. SHALL EQUAL OR EXCEED EXISTING CONDITIONS OR SURROUNDING WORK.
- WHERE SELECTIVE DEMOLITION IS INDICATED, IT IS THE INTENT THAT THE SELECTIVE DEMOLITION WORK WILL RESULT IN A BUILDING AREA FREE OF DEVICES, EQUIPMENT, MATERIALS AND ANY OTHER MISCELLANEOUS COMPONENTS NOT REUSED IN THE NEW CONSTRUCTION. UON. THIS INCLUDES FASTENERS, ANCHORS, HARDWARE, PROTRUDING NAILS AND SCREWS, EMBEDDED ANCHORS, BLOCKING, SLEEVES, ETC. THE DEMOLITION SHALL INCLUDE ALL ITEMS TO A CLEAN SLAB, WALL OR CEILING. COORDINATE DEMOLITION EXTENTS WITH REQUIREMENTS FOR NEW WORK.
- DEMOLISH EXISTING MASONRY AS FOLLOWS:
A. DEMOLISH FULL HEIGHT TO UNDERSIDE OF STRUCTURE ABOVE IF NO HEIGHT GIVEN.
B. DEMOLISH WALL FLUSH WITH TOP OF SLAB. UON.
C. PROVIDE SHORING AT ALL NEW CUTS, OPENINGS OR DEMOLITION OF EXISTING CONSTRUCTION.
- WHERE APPLIED FLOOR FINISHES ARE INDICATED TO BE DEMOLISHED, DEMOLISH EDGE STRIPS, NAIL STRIPS, THRESHOLDS, BASE, GLUE AND ADHESIVES, ETC. TO A CLEAN STRUCTURAL SLAB OR WALL.
- WHERE WALL AND/OR FLOOR TILE IS INDICATED TO BE DEMOLISHED, DEMOLITION INCLUDES TILES, GROUT, BASE, LATH, MUD BED, ETC. DOWN TO A CLEAN STRUCTURAL SLAB OR WALL SURFACE.
- CONTRACTOR TO CONFIRM THAT NEW OPENINGS, PENETRATIONS, DEMOLITION CUTS, IN EXISTING ROOF DECK ARE LOCATED BETWEEN EXISTING JOISTS, AND / OR BEAMS. REPORT ANY CONFLICTS TO ARCHITECT PRIOR TO PROCEEDING WITH DEMOLITION. ADJUST LOCATIONS OF DEMOLITION AS AGREED UPON BY ARCHITECT.
- ALL EXISTING CONSTRUCTION AND ITEMS TO REMAIN ARE TO BE PROTECTED THROUGHOUT CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES INCURRED DURING CONSTRUCTION ACTIVITIES INCLUDING FROM STAINING, WETTING, PHYSICAL DAMAGE, MARKING ETC. CONTRACTOR TO REPAIR ANY SURFACES DAMAGED DUE TO DEMOLITION TO MATCH PREVIOUS OR ADJACENT CONDITION.
- DEMOLISH FLOOR DRAINS TO BOTTOM OF STRUCTURAL SLAB UNLESS OTHERWISE NOTED TO REMAIN.
- SCRAPE ALL LOOSE PAINT AND COATINGS FROM SURFACES DESIGNATED TO RECEIVE NEW PAINT OR FINISHES. RESULTING SURFACE MUST BE DRY, NON-FLAKING AND SECURELY ADHERED TO UNDERLYING SUBSTRATE.
- CUT EXISTING SLAB ON GRADE, WALLS, FLOORS, ETC. FOR INSTALLATION OF NEW P, M, E, FF, ETC. SEE PATCHING NOTES ELSEWHERE. SEE COORDINATION DRAWING REQUIREMENTS FOR LOCATION OF OPENINGS IN EXISTING WALLS AND SLABS.
- IN BUILDING AREA E, DEMOLISH ALL INTERIOR CEILINGS (UON) INCLUDING LAY-IN, SPLINE AND HARD CEILING SYSTEMS. DEMOLISH IN ENTIRETY, INCLUDING BRACKETS, HANGERS, WIRES, HOLDINGS ETC. UON. PROTECT EXISTING BULKHEADS THAT ARE TO REMAIN. PROTECT EXISTING MECHANICAL, ELECTRICAL, FIRE ALARM DEVICES AND FIXTURES TO REMAIN. SEE MECHANICAL AND ELECTRICAL DEMOLITION AND RENOVATION PLANS FOR ADDITIONAL REQUIREMENTS.
- REMOVE ALL INTERIOR SIGNAGE AND BRACKETS INCLUDING ROOM IDENTIFICATION SIGNAGE, DEPARTMENTAL SIGNAGE AND WAYFINDING SIGNAGE. DISPOSE OF AFTER GIVING OWNER FIRST RIGHT OF REFUSAL.
- FURNITURE AND LOOSE EQUIPMENT TO BE REMOVED BY OWNER FROM THE BUILDING PRIOR TO THE COMMENCEMENT OF THE WORK. ANY REMAINING ITEMS ARE TO BE DEMOLISHED BY CONTRACTOR, UON. CONTRACTOR TO COORDINATE WITH OWNER.
- EXISTING BUILDING STRUCTURE TO REMAIN, UON. PROTECT DURING DEMOLITION AND NEW WORK.
- CONTRACTOR SHALL SURVEY ALL AREAS SCHEDULED FOR SLAB-ON-GRADE CUTTING WITH PACHOMETER TESTING, IDENTIFYING PIPING, CONDUIT OR ITEMS EMBEDDED AND IMMEDIATELY BELOW CONCRETE PRIOR TO PERFORMING SLAB DEMOLITION. CONTRACTOR TO TAKE NECESSARY PRECAUTIONS TO PRESERVE EMBEDDED ITEMS WHICH ARE TO REMAIN IN SERVICE. CONTRACTOR TO CUT AND REMOVE SLAB SCHEDULED FOR DEMOLITION AND REPLACE PER THE CONTRACT DOCUMENTS. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- CUTTING, BACKFILL, REPAIRS, ETC. SHALL EQUAL OR EXCEED EXISTING CONDITIONS OF SURROUNDING WORK. CM SHALL BE RESPONSIBLE FOR COORDINATION OF ALL RELATED WORK DELEGATED TO THEIR SUB-CONTRACTORS.
- ROOM NAMES AND NUMBERS ARE SHOWN ON THE DEMOLITION PLAN FOR DEMOLITION REFERENCE ONLY. NEW ROOM NAMES AND NUMBERS ARE ASSIGNED ON THE RENOVATION PLAN.
- SEE SPECIFICATION SECTION "SELECTIVE DEMOLITION" AND OTHER DRAWINGS IN THIS SET FOR ADDITIONAL REQUIREMENTS FOR ALL CONTRACTORS.



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PROJECT INFORMATION

**ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS**

541 North Carolina 681 S., Goldsboro, NC 27530

SEALS



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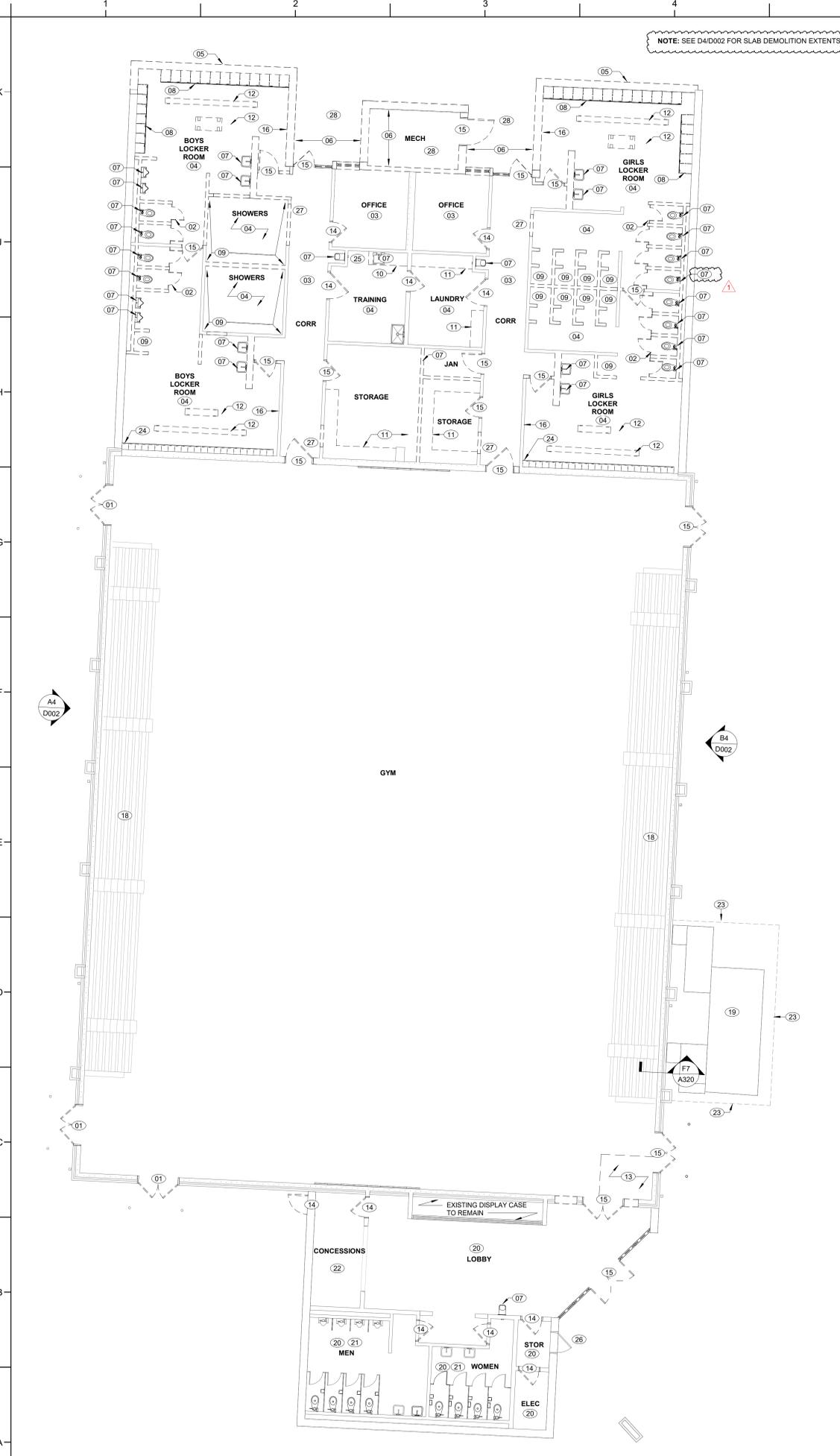
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01/10/2025

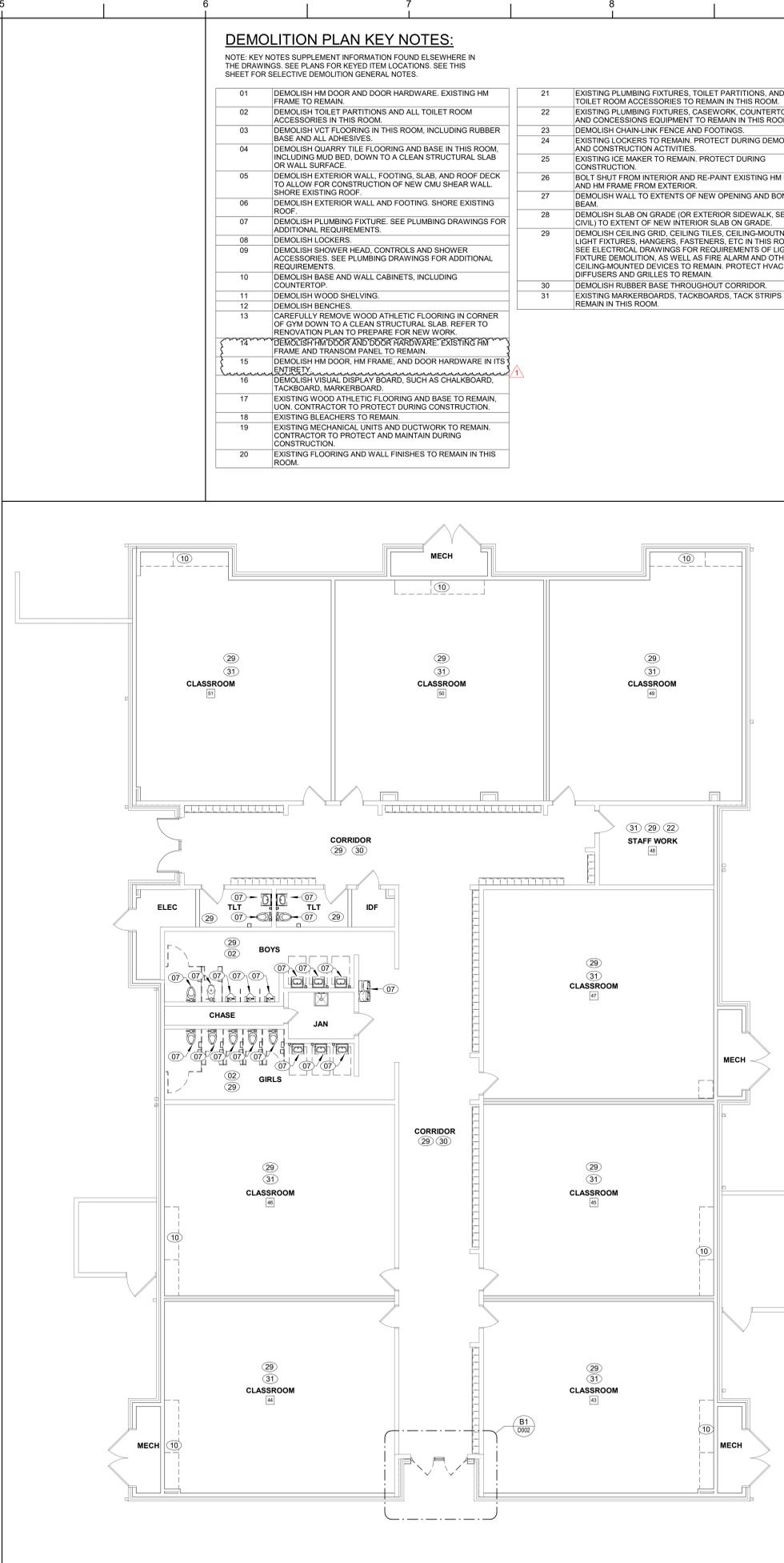
SHEET TITLE

DEMOLITION PLANS - AREA B & E

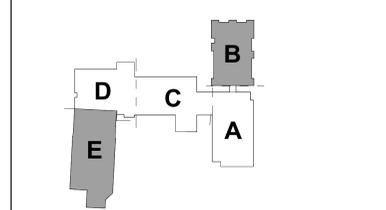
D001



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



A5 FIRST FLOOR DEMOLITION PLAN - AREA B - BID ALT NO. 2
1/8" = 1'-0"



KEY PLAN-1ST FLOOR
NTS



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PROJECT INFORMATION

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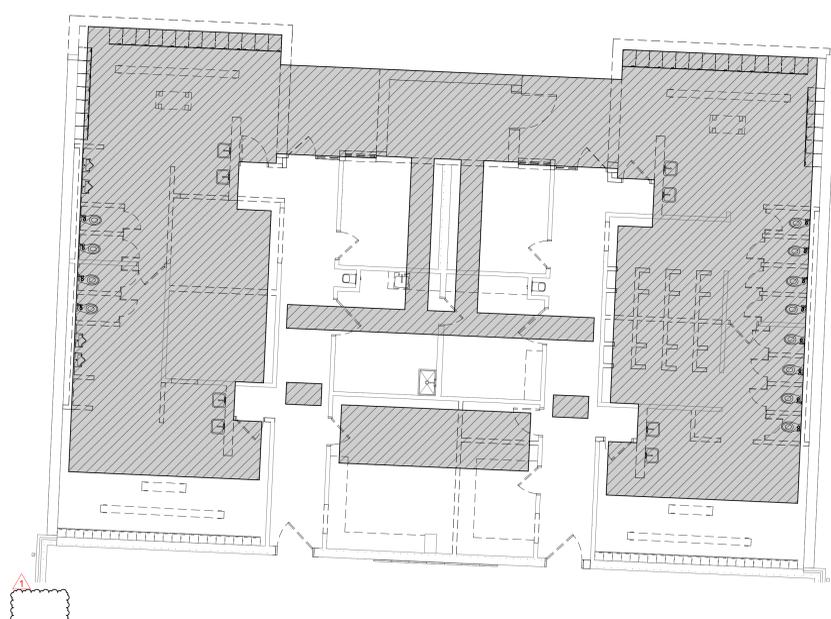
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DEMOLITION ELEVATION KEY NOTES

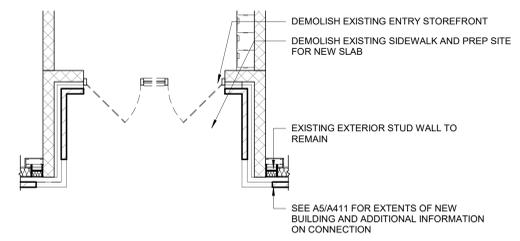
NOTE: KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE ELEVATIONS FOR KEYED ITEM LOCATIONS. SEE SHEET D001 FOR SELECTIVE DEMOLITION GENERAL NOTES.

01	DEMOLISH EXISTING WINDOW, FRAME, GLAZING, AND METAL PANEL TO A CLEAN MASONRY OPENING.
02	DEMOLISH EXISTING METAL CANOPY INCLUDING COLUMNS AND FOUNDATIONS.

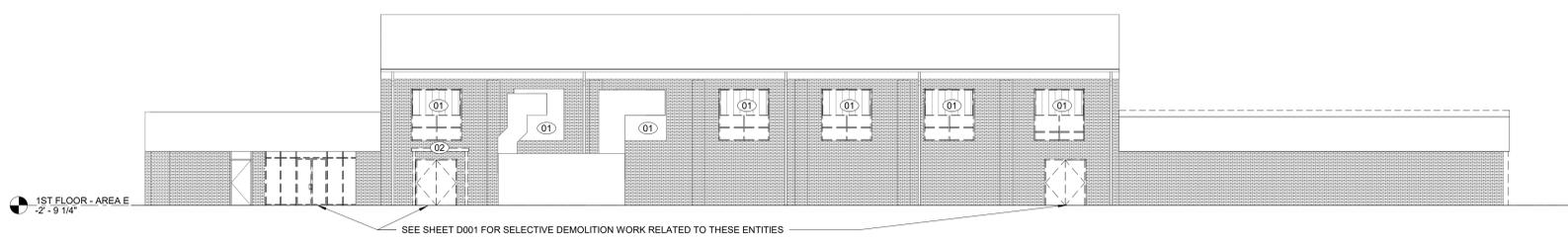
AREAS OF SLAB DEMOLITION AND REPLACEMENT. REFER TO STRUCTURAL DRAWINGS FOR REPLACEMENT SLABS.



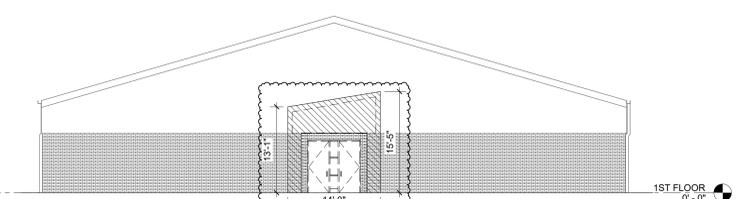
D4 SLAB DEMOLITION AND REPLACEMENT - AREA E
1/8" = 1'-0"



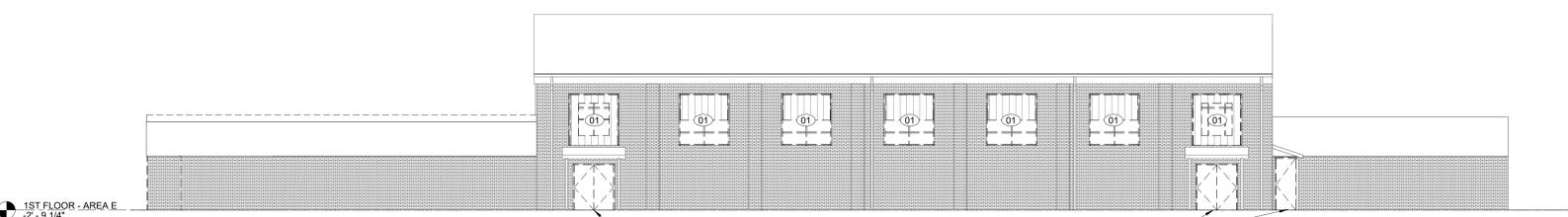
B1 AREA B - ENTRY DEMO ENLARGED PLAN - BID ALT NO. 2
1/4" = 1'-0"



B4 EXISTING GYM EAST DEMO ELEVATION
3/32" = 1'-0"



A1 EXISTING CLASSROOM WING DEMO ELEVATION - BID ALT NO. 2
3/32" = 1'-0"



A4 EXISTING GYM WEST DEMO ELEVATION
3/32" = 1'-0"

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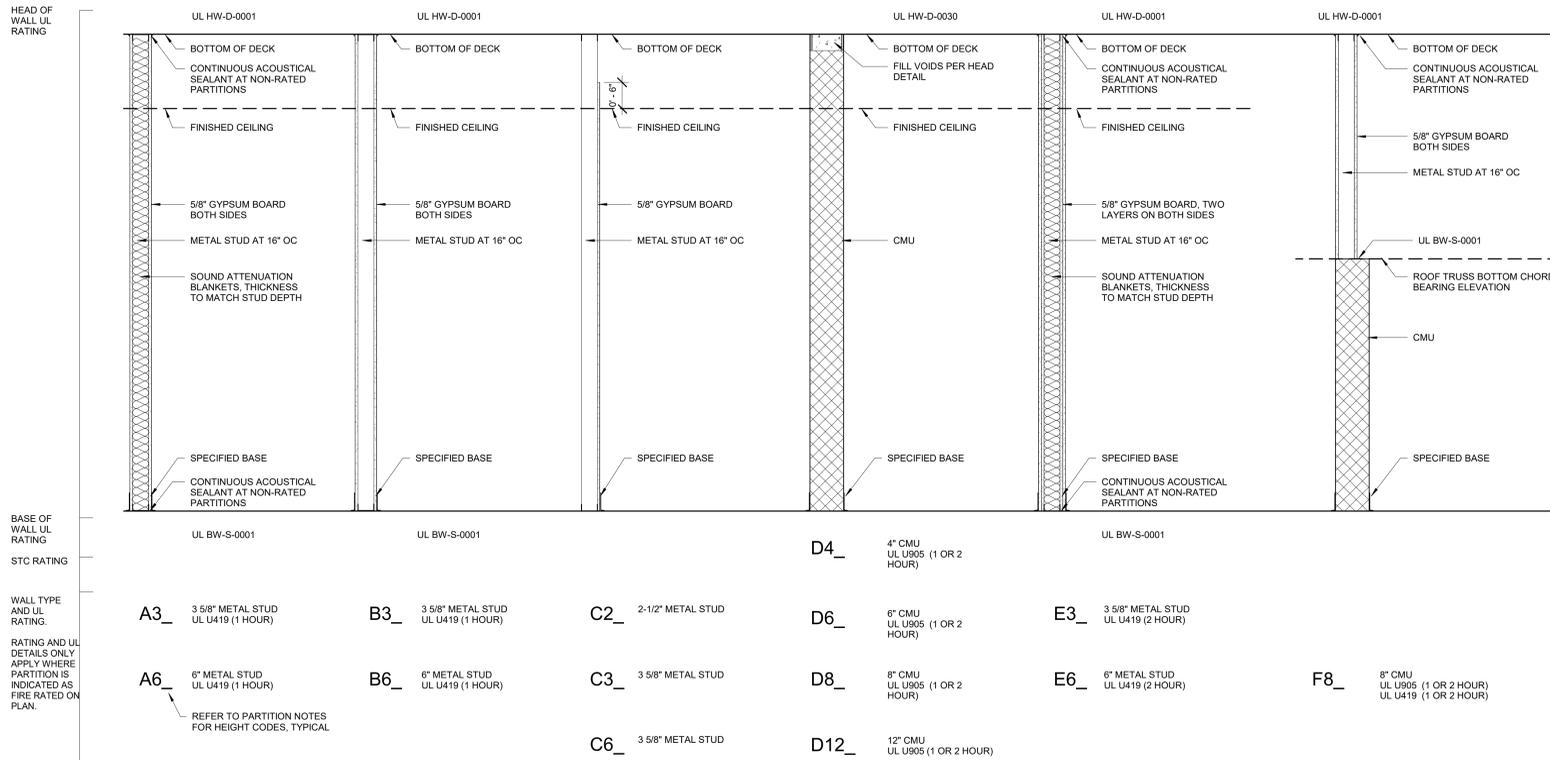
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SHEET TITLE
DEMO DETAILS AND ELEVATIONS

D002

INTERIOR PARTITIONS LEGEND

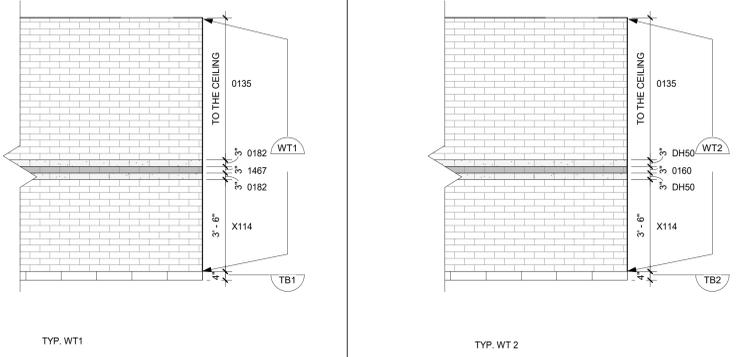


INTERIOR PARTITION NOTES:

- ALL RATED ASSEMBLIES SHALL BE STENCILED IN RED WITH RATED WALL WARNING MESSAGE TO READ AS FOLLOWS: "1-HOUR RATED FIRE BARRIER. SEAL ALL PENETRATIONS WITH APPLICABLE HOUR RATING INSERT. HOUR RATINGS TO BE AS SHOWN ON PLANS. LETTERING TO BE 1/2\"/>
- SEE SHEET **G006 - G007** FOR UL CERTIFIED RATED ASSEMBLIES AS REQUIRED BY INTERIOR PARTITION LEGEND. AT RATED ASSEMBLIES, PROTECT JOINTS WITH RATED ASSEMBLIES TO MAINTAIN FIRE RATINGS. SEE PLUMBING, MECHANICAL AND ELECTRICAL SHEETS FOR PROTECTION OF PENETRATIONS IN RATED ASSEMBLIES. SEAL PERIMETER OF ALL RATED ASSEMBLIES AT DECK, STRUCTURE, CEILING, FLOOR AND ADJACENT WALLS.
- COORDINATE LAYOUT OF WALLS OF DIFFERENT TYPES SUCH THAT FINISHED GYPSUM BOARD SURFACES ALIGN IN SAME PLANE.
- AT NON-RATED WALLS AND PARTITIONS, SEAL PENETRATIONS USING APPROVED NON-COMBUSTIBLE MATERIAL.
- AT PARTITION WALLS WITH SOUND BATT INSULATION, PROVIDE CONTINUOUS ACOUSTIC SEALANT AROUND FULL PERIMETER OF PARTITION AT ADJACENT SURFACES AND AT PENETRATIONS. SEPARATE ELECTRICAL BOXES ON OPPOSITE SIDES OF STUD PARTITIONS BY AT LEAST ONE STUD. AT PARTITIONS WITH MULTIPLE LAYERS OF GYPSUM BOARD, STAGGER GYPSUM BOARD JOINTS BETWEEN LAYERS. PROVIDE PUTTY PADS AT ELECTRICAL BOXES.
- TOP OF WALL BRACING IS NOT SHOWN THIS SHEET, BUT IS REQUIRED FOR MEETING PARTITION DEFLECTION CRITERIA AND/OR AS REQUIRED ON STRUCTURAL DRAWINGS. PARTITION BRACING SHALL BE ABOVE CEILING UNLESS APPROVED BY ARCHITECT IN WRITING.
- ISOLATE NON-LOAD-BEARING STUD FRAMING FROM BUILDING STRUCTURE TO PREVENT TRANSFER OF VERTICAL LOADS WHILE PROVIDING LATERAL SUPPORT.
- PROVIDE GYPSUM BOARD CONTROL JOINTS (TYPE PER DETAILS), LOCATED WHERE INDICATED ON DRAWINGS OR BASED ON SPACING PER SPECIFICATIONS, WHICHEVER IS MORE STRINGENT. COORDINATE CONTROL JOINT LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
- REFER TO INTERIOR FINISHES PLANS AND REFLECTED CEILING PLANS FOR ADDITIONAL WALL FINISH, BASE, AND CEILING INFORMATION.
- PROVIDE WATER RESISTANT GYPSUM BOARD WITHIN 4 FEET OF DRINKING FOUNTAINS / WATER COOLERS, UNLESS OTHERWISE NOTED.
- PROVIDE SPECIFIED TILE BACKER BOARD IN LIEU OF GYPSUM BOARD AT ALL WALLS SCHEDULED TO RECEIVE TILE OR FRP PANELS.
- CORRIDOR WALLS SHALL RECEIVE ABUSE RESISTANT GYPSUM BOARD TYPICAL, UNO.
- OUTSIDE CORNER OF CMU WALLS TO BE BULLNOSE FROM 8\"/>
- PROVIDE 2X WOOD BLOCKING, CONCEALED IN STUD WALLS, FOR WALL-MOUNTED FIXTURES, FURNISHINGS, GRAB BARS AND HANDRAILS, EQUIPMENT, CABINETS, ART, AND ACCESSORIES.
- PARTITION HEIGHT CODES ARE PRESENTED BY THE LAST LETTER OF THE PARTITION TAG, DEFINED AS FOLLOWS:
 - A FULL HEIGHT PARTITION (TO UNDERSIDE OF DECK), FIRE RATED WHERE INDICATED ON PLAN.
 - B PARTITION EXTENDS TO 6\"/>
 - C PARTITION EXTENDS TO UNDERSIDE OF ROOF TRUSS BOTTOM CHORD, FIRE RATED WHERE INDICATED ON PLAN.
 - D PARTIAL HEIGHT PARTITION. REFER TO PARTITION DETAIL FOR HEIGHT AND HEAD DETAIL INFO.
 - E METAL STUDS EXTEND FULL HEIGHT TO UNDERSIDE OF DECK ABOVE. GYPSUM BOARD ON ONE SIDE (WITHOUT CEILING) EXTENDS FULL HEIGHT, GYPSUM BOARD OR TILE BACKER ON OTHER SIDE (WITH CEILING) STOPS AT CEILING.
 - F PARTITION EXTENDS TO 9'-4\"/>

MATERIAL LEGEND

FINISH CODE	FINISH TYPE	BOD	DESCRIPTION	COMMENTS
CEILING				
APC1	ACOUSTICAL PANEL CEILING	ARMSTRONG	SCHOOL ZONE FINE FISSURED 1733, SQUARE LAY-IN	
APC2	ACOUSTICAL PANEL CEILING	ARMSTRONG	CLEAN ROOM VL UNPERFORATED 868, SQUARE LAY-IN	
APC3	ACOUSTICAL PANEL CEILING	ARMSTRONG	CLEAN ROOM/L PERFORATED 869, SQUARE LAY-IN	
APC4	ACOUSTICAL PANEL CEILING	ARMSTRONG	CALLA HIGH NRC 2844, SQUARE LAY-IN	
FLOORING				
CPT1	CARPET TILE	TARKETT 11615 EDGE EDIT 24X24	22404 COMMON GROUND	
CPT2	CARPET TILE	TARKETT 11615 EDGE EDIT 24X24	22407 LIGHTNING	
S.CONC	SEALED CONCRETE			
S.T.CONC	SEALED TINTED CONCRETE			
T1	TERRAZZO	MASTER TERRAZZO 1000	LIGHT GRAY MIX	
T2	TERRAZZO	MASTER TERRAZZO 8392	PURPLE MIX	
T3	TERRAZZO	MASTER TERRAZZO 1110	YELLOW MIX	
TZB	WALL BASE	MASTER TERRAZZO 1000		
MASONRY				
BRK1	BRICK	PALMETTO	MEDIUM RED FLASHED WIRECUT	
BRK2	BRICK	TAYLOR	WIRECUT PEARL GRAY	
MILLWORK				
PLAM1	PLASTIC LAMINATE	FORMICA ASHWOOD OAK NATURAL GRAIN TEXTURE	RECEPTION DESK AND CIRCULATION DESK	
PLAM2	PLASTIC LAMINATE	WILSONART PLATINUM 0315-60 MATTE		
PLAM3	PLASTIC LAMINATE	WILSONART HANDSPUN DOVE 5034-38 FINE VELVET FINISH		
PLAM4	PLASTIC LAMINATE	WILSONART MAJESTY Y0731-60MATTE FINISH	PURPLE	
PLAM5	PLASTIC LAMINATE	WILSONART SUNNY SIDE UP 13089-60 MATTE FINISH	YELLOW	
SLSF1	SOLID SURFACE	WILSONART BLUESTONE 9074EA	RECEPTION DESK AND CIRCULATION DESK	COUNTERTOP
PAINT				
PNT1	PAINT	SHERWIN-WILLIAMS 7095 PASSIVE	LIGHT GRAY	FIELD PAINT AND CEILING PAINT
PNT2	PAINT	SHERWIN-WILLIAMS 6818 VALIANT VIOLET	PURPLE PAINT	
PNT3	PAINT	SHERWIN-WILLIAMS 9019 GOLDEN PLUMERIA	YELLOW PAINT	
PNT4	PAINT	SHERWIN-WILLIAMS 7678 GRAY SHINGLE	LIGHT GRAY	INTERIOR DOOR FRAME AND STAIR STRINGERS/RAILS PAINT
PNT5	PAINT	SHERWIN-WILLIAMS 7669 STEELY GRAY	LIGHT GRAY	EXTERIOR DOOR FRAME PAINT
RESILIENT				
RB1	RUBBER BASE	FLEXCO 036 GRAY		4\"/>
RB2	RUBBER BASE	TARKETT BLACK		8\"/>
VCT1	VINYL COMPOSITION TILE	AHF CONTRACT ILIAD 12X12	50% CR007, 50% CR009	MIX OF LIGHT GRAY AND DARK GRAY
VCT2	VINYL COMPOSITION TILE	AHF CONTRACT ILIAD AND HIGHLIGHTS 12X12	25% CR007, 25% CR009, 25% HR024, 25%HR022	MIX OF GRAY AND PURPLE
VCT3	VINYL COMPOSITION TILE	AHF CONTRACT ILIAD AND HIGHLIGHTS 12X12	25% CR007, 25% CR009, 25% HR014, 25%HR015	MIX OF GRAY AND YELLOW
VCT4	VINYL COMPOSITION TILE	AHF CONTRACT ILIAD AND HIGHLIGHTS 12X12	20% CR007, 20% CR009, 15% HR022, 15% HR024, 15% HR014, 15% HR015	MIX OF GRAY, PURPLE, AND YELLOW
TILE				
QT	TILE	QUARRY TILE	ASHEN GRAY	
QTB	TILE	QUARRY TILE BASE	ASHEN GRAY	
T1	TILE	DALTILE KEYSTONES 2X2	SUEDE GRAY SPECKLE D 208 MATTE	
T2	TILE	DALTILE KEYSTONES 2X2	DESERT GRAY SPECKLE D 200 MATTE	
TB1	TILE	DALTILE KEYSTONES 4X12	SUEDE GRAY SPECKLE D208 MATTE	MOSAIC 2X2 BUILD UP BASE
TB2	TILE	DALTILE KEYSTONES 4X12	DESERT GRAY SPECKLE D200 MATTE	MOSAIC 2X2 BUILD UP BASE
WT1	TILE	DALTILE COLOR WHEEL CLASSIC 3X6	0135, 1467, 0182, X114	
WT2	TILE	DALTILE COLOR WHEEL CLASSIC 3X6	0135, 0180, DH50, X114	
WT3	TILE	DALTILE COLOR WHEEL CLASSIC 3X6	X114	
WALLCOVERING				
VV1	WALLCOVERING	WOLF GORDON RGL 5414 FOG	VINYL	ACCENT WALL



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SHEET TITLE
PARTITION WALL TYPES & MATERIAL LEGEND
A001



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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S., Goldsboro, NC 27530

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SHEET TITLE
FIRST FLOOR
OVERALL PLAN

A002

GENERAL BUILDING LAYOUT NOTES:

1. DIMENSIONS FOLLOWED BY AN ASTERISK (*) ARE INTENDED TO GUIDE A BUILDING LAYOUT START POINT.
2. NEW CONSTRUCTION SHALL BE PARALLEL TO THE EXTERIOR WALLS OF EXISTING AREA B.
3. BUILDING LAYOUT SHALL BE VERIFIED FROM THE BUILDING LAYOUT START POINT TO EXISTING AREA B PRIOR TO THE INSTALLATION OF ANY FOOTINGS IN AREAS C AND D. ANY DISCREPANCIES BETWEEN SURVEYED LAYOUT AND DIMENSIONAL EXPECTATIONS FROM THE CONTRACT DOCUMENTS SHALL BE COMMUNICATED TO THE ARCHITECT FOR REVIEW.

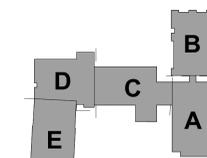
RATED ASSEMBLIES LEGEND

NOTES: RATINGS ARE NOT SHOWN THROUGH DOORS FOR CLARITY. SEE A001 FOR PARTITION TYPES. SEE LIFE SAFETY PLANS ON G003 AND G004 FOR FULL EXTENT OF RATINGS, INCLUDING HORIZONTAL RATINGS. RATINGS ARE CONTINUOUS AROUND OPENINGS AND OPENINGS ARE TO BE PROTECTED IN ACCORDANCE WITH THE NC STATE BUILDING CODE. PROTECT ALL PENETRATIONS.

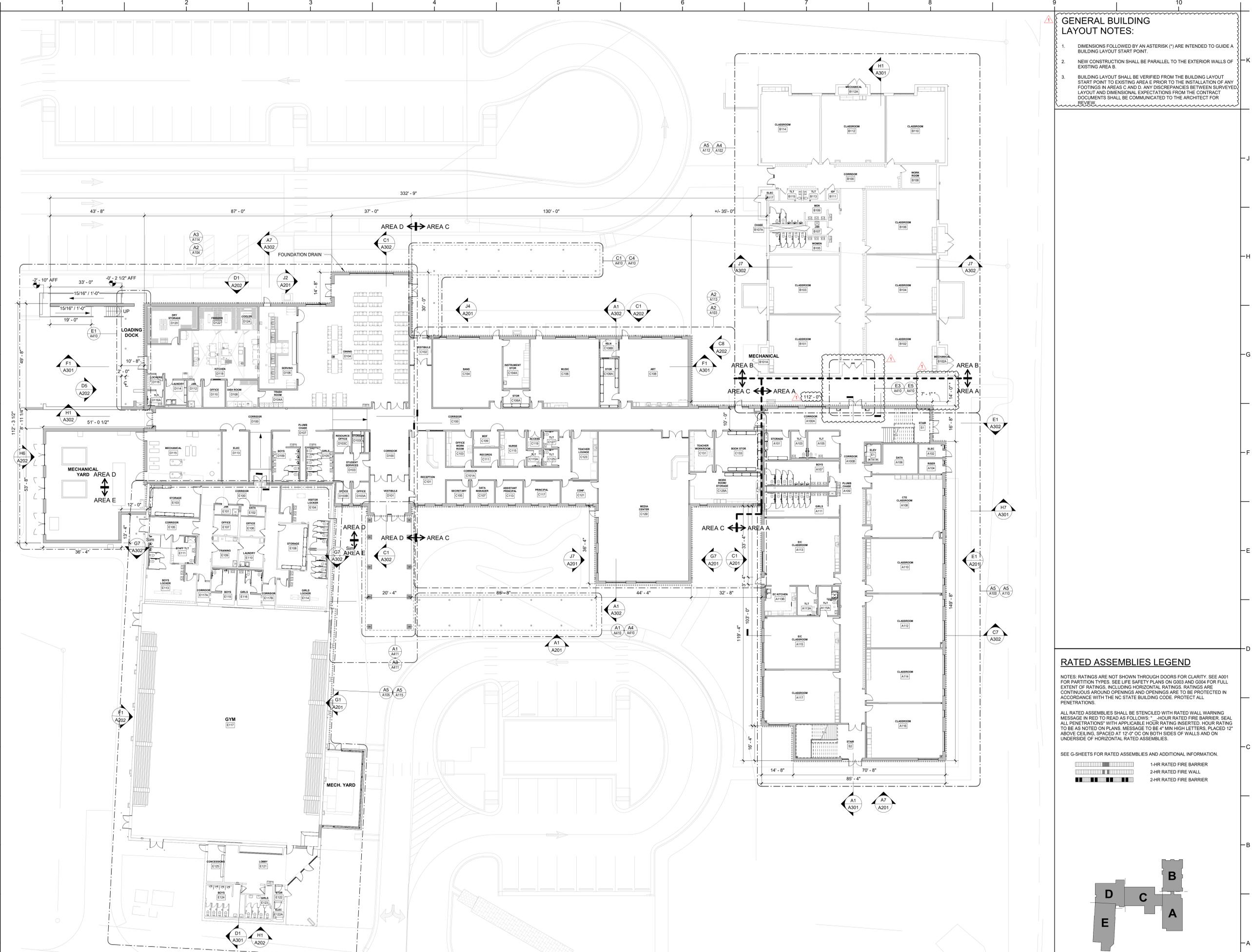
ALL RATED ASSEMBLIES SHALL BE STENCILED WITH RATED WALL WARNING MESSAGE IN RED TO READ AS FOLLOWS: "1-HOUR RATED FIRE BARRIER. SEAL ALL PENETRATIONS" WITH APPLICABLE HOUR RATING INSERTED. HOUR RATING TO BE AS NOTED ON PLANS. MESSAGE TO BE 4" MIN HIGH LETTERS, PLACED 12" ABOVE CEILING, SPACED AT 12" O.C. ON BOTH SIDES OF WALLS AND ON UNDERSIDE OF HORIZONTAL RATED ASSEMBLIES.

SEE G-SHEETS FOR RATED ASSEMBLIES AND ADDITIONAL INFORMATION.

- 1-HR RATED FIRE BARRIER
- 2-HR RATED FIRE WALL
- 2-HR RATED FIRE BARRIER



KEY PLAN-1ST FLOOR
NTS



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





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SHEET TITLE

FIRST FLOOR
OVERALL PLAN - BID
ALT NO. 1

A003

GENERAL BUILDING
LAYOUT NOTES:

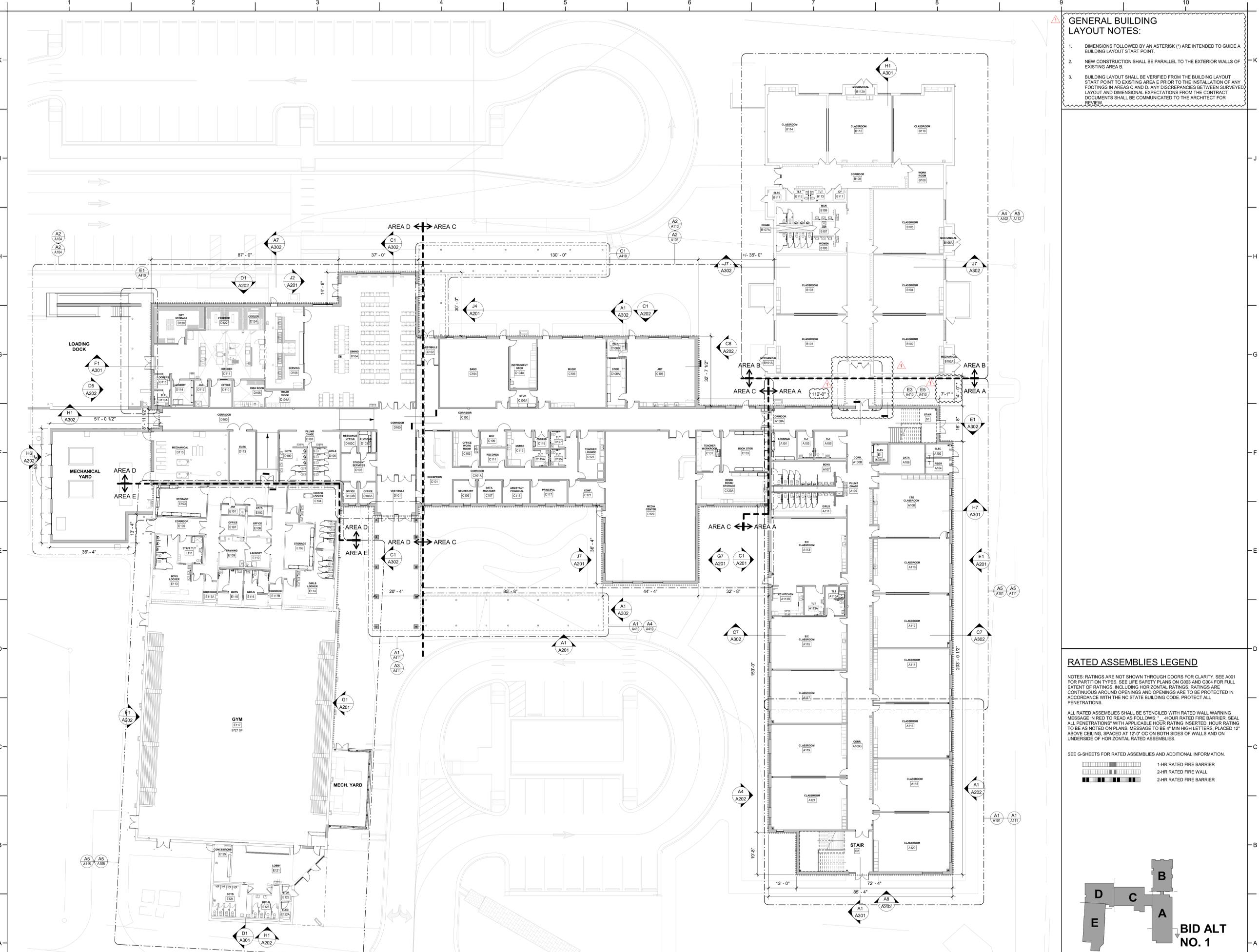
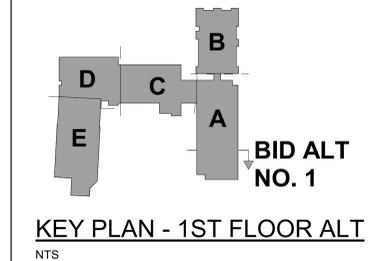
1. DIMENSIONS FOLLOWED BY AN ASTERISK (*) ARE INTENDED TO GUIDE A BUILDING LAYOUT START POINT.
2. NEW CONSTRUCTION SHALL BE PARALLEL TO THE EXTERIOR WALLS OF EXISTING AREA B.
3. BUILDING LAYOUT SHALL BE VERIFIED FROM THE BUILDING LAYOUT START POINT TO EXISTING AREA E PRIOR TO THE INSTALLATION OF ANY FOOTINGS IN AREAS C AND D. ANY DISCREPANCIES BETWEEN SURVEYED LAYOUT AND DIMENSIONAL EXPECTATIONS FROM THE CONTRACT DOCUMENTS SHALL BE COMMUNICATED TO THE ARCHITECT FOR REVIEW.

RATED ASSEMBLIES LEGEND

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ALL RATED ASSEMBLIES SHALL BE STENCILED WITH RATED WALL WARNING MESSAGE IN RED TO READ AS FOLLOWS: "1-HOUR RATED FIRE BARRIER. SEAL ALL PENETRATIONS" WITH APPLICABLE HOUR RATING INSERTED. HOUR RATING TO BE AS NOTED ON PLANS. MESSAGE TO BE 4" MIN HIGH LETTERS, PLACED 12" ABOVE CEILING, SPACED AT 12" O.C. ON BOTH SIDES OF WALLS AND ON UNDERSIDE OF HORIZONTAL RATED ASSEMBLIES.

- SEE G-SHEETS FOR RATED ASSEMBLIES AND ADDITIONAL INFORMATION.
- 1-HR RATED FIRE BARRIER
 - 2-HR RATED FIRE WALL
 - 2-HR RATED FIRE BARRIER



A1 FIRST FLOOR OVERALL PLAN - BID ALT NO. 1
1/16" = 1'-0"





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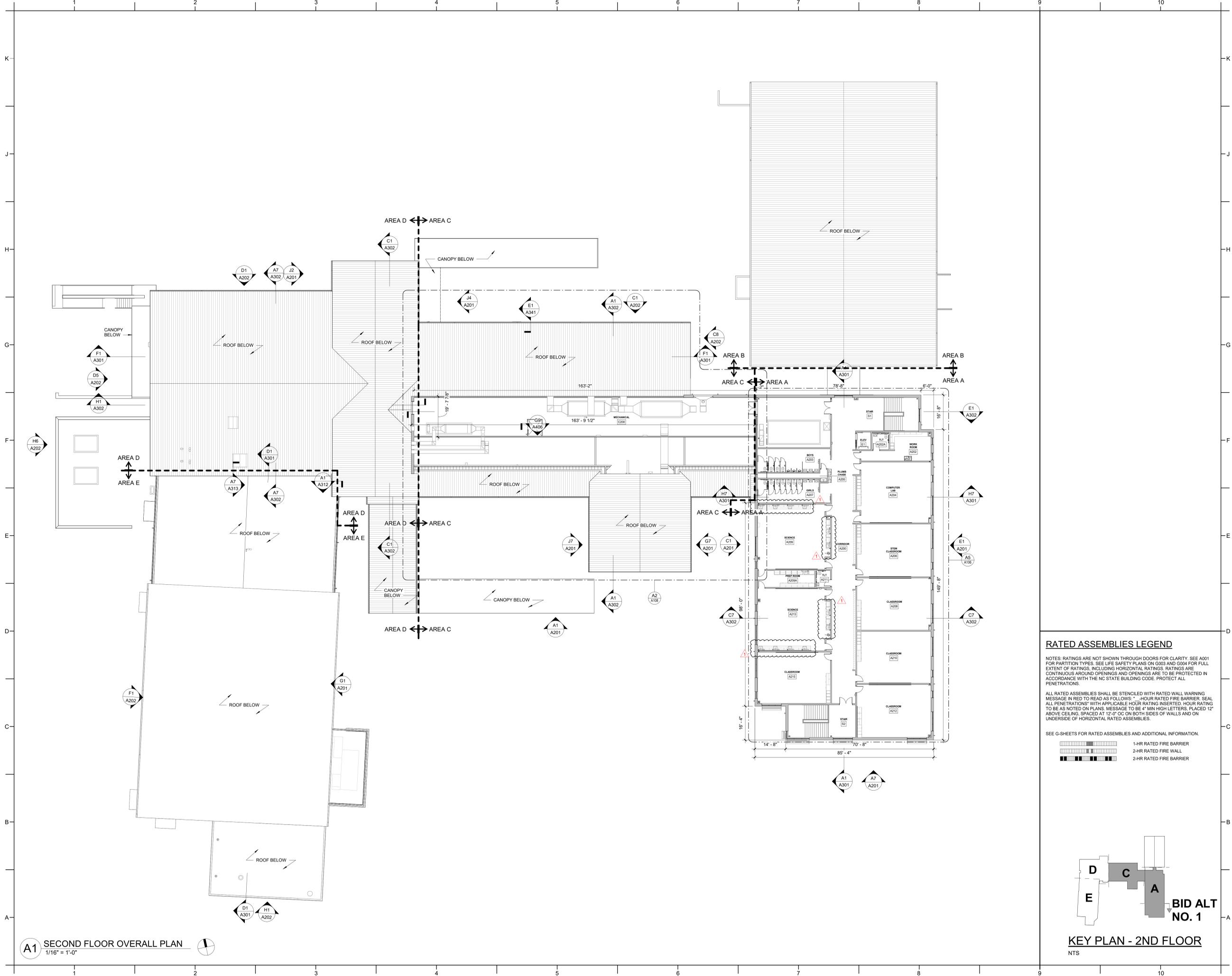
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SHEET TITLE
SECOND FLOOR
OVERALL PLAN

A004



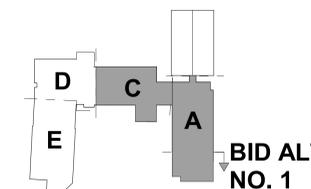
RATED ASSEMBLIES LEGEND

NOTES: RATINGS ARE NOT SHOWN THROUGH DOORS FOR CLARITY. SEE A001 FOR PARTITION TYPES. SEE LIFE SAFETY PLANS ON G003 AND G004 FOR FULL EXTENT OF RATINGS, INCLUDING HORIZONTAL RATINGS. RATINGS ARE CONTINUOUS AROUND OPENINGS AND OPENINGS ARE TO BE PROTECTED IN ACCORDANCE WITH THE NC STATE BUILDING CODE. PROTECT ALL PENETRATIONS.

ALL RATED ASSEMBLIES SHALL BE STENCILED WITH RATED WALL WARNING MESSAGE IN RED TO READ AS FOLLOWS: "1-HOUR RATED FIRE BARRIER. SEAL ALL PENETRATIONS" WITH APPLICABLE HOUR RATING INSERTED. HOUR RATING TO BE AS NOTED ON PLANS. MESSAGE TO BE 4" MIN HIGH LETTERS, PLACED 12" ABOVE CEILING, SPACED AT 12" OC ON BOTH SIDES OF WALLS AND ON UNDERSIDE OF HORIZONTAL RATED ASSEMBLIES.

SEE G-SHEETS FOR RATED ASSEMBLIES AND ADDITIONAL INFORMATION.

- 1-HR RATED FIRE BARRIER
- 2-HR RATED FIRE WALL
- 2-HR RATED FIRE BARRIER



KEY PLAN - 2ND FLOOR

NTS

A1 SECOND FLOOR OVERALL PLAN
1/16" = 1'-0"



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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S., Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

1 ADDENDUM #1 2/3/2025

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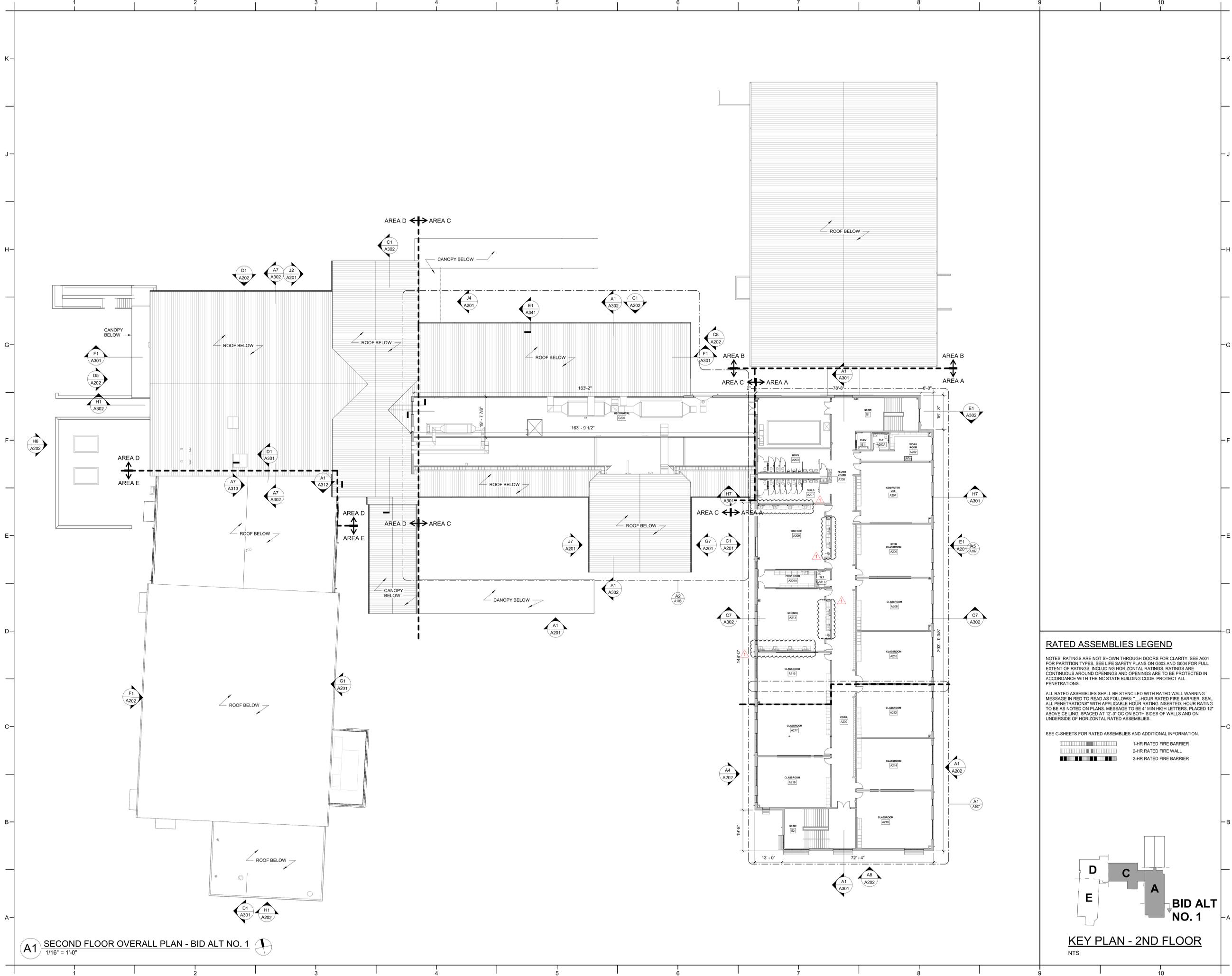
PA: ROBERT STEVENSON
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Drawn By: LMJ
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BID DOCUMENTS
01/10/2025

SHEET TITLE
SECOND FLOOR
OVERALL PLAN - BID
ALT NO. 1

A005

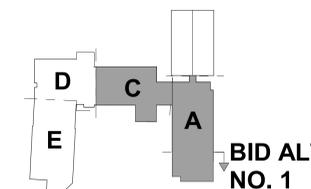


RATED ASSEMBLIES LEGEND

NOTES: RATINGS ARE NOT SHOWN THROUGH DOORS FOR CLARITY. SEE A001 FOR PARTITION TYPES. SEE LIFE SAFETY PLANS ON G003 AND G004 FOR FULL EXTENT OF RATINGS, INCLUDING HORIZONTAL RATINGS. RATINGS ARE CONTINUOUS AROUND OPENINGS AND OPENINGS ARE TO BE PROTECTED IN ACCORDANCE WITH THE NC STATE BUILDING CODE. PROTECT ALL PENETRATIONS.

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- SEE G-SHEETS FOR RATED ASSEMBLIES AND ADDITIONAL INFORMATION.
- 1-HR RATED FIRE BARRIER
 - 2-HR RATED FIRE WALL
 - 2-HR RATED FIRE BARRIER



A1 SECOND FLOOR OVERALL PLAN - BID ALT NO. 1
1/16" = 1'-0"

NO.	DESCRIPTION	DATE
1	ADDENDUM #1	2/3/2025

ROOF PLAN GENERAL NOTES:

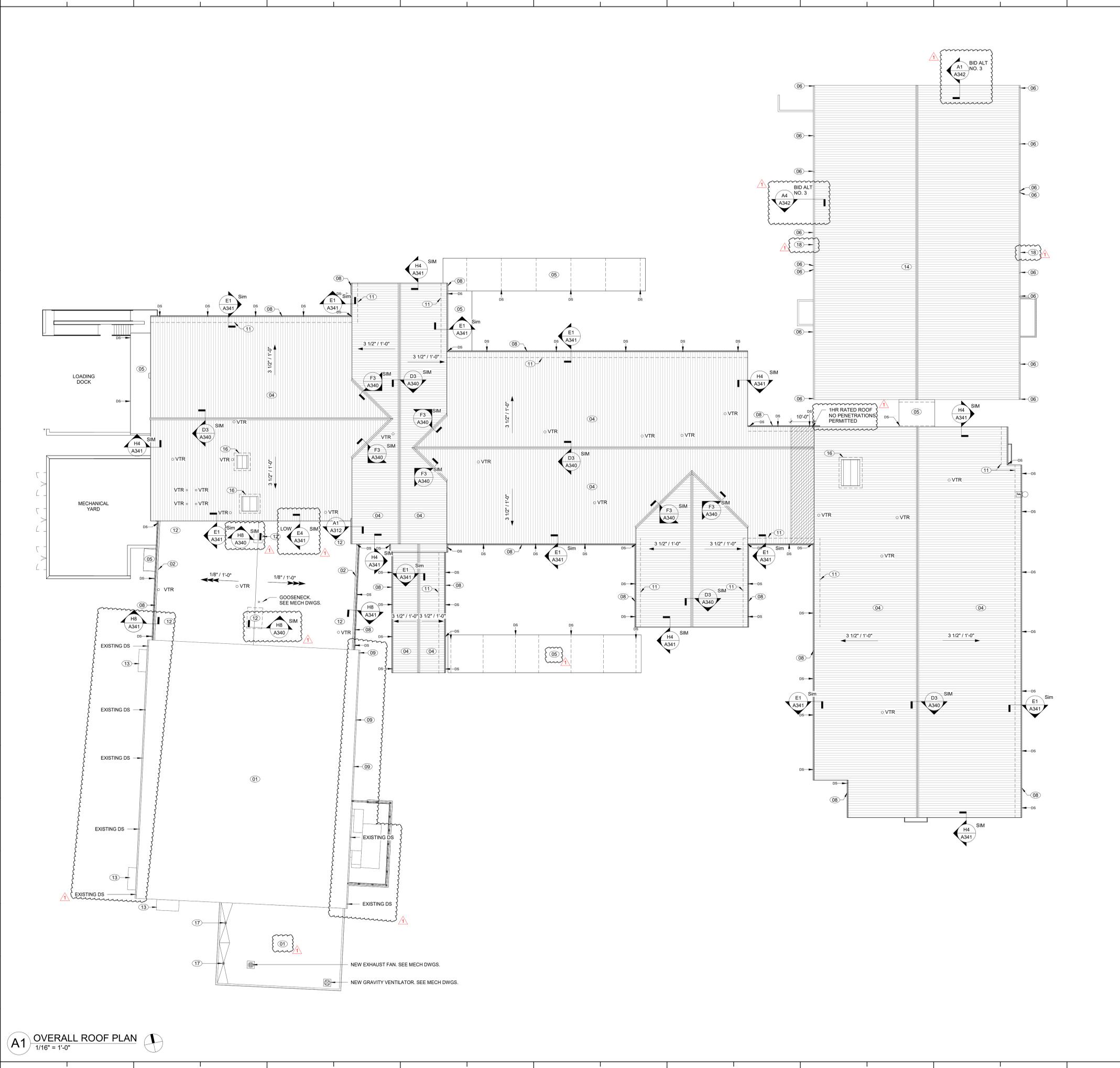
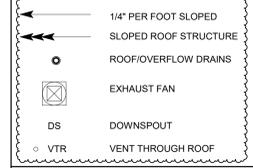
- NEW ROOF SYSTEM INCLUDES ALL COMPONENTS AND ACCESSORIES REQUIRED TO PROVIDE A COMPLETE, WATERTIGHT AND WARRANTED SYSTEM. ITEMS INCLUDE BUT ARE NOT LIMITED TO INSULATION, ADHESIVE, PRIMER, FASTENERS, ANCHORS, METAL FLASHING, BLOCKING, GUTTERS, DOWNSPOUTS, CURBS, ETC.
- COORDINATE INSTALLATION OF NEW ROOF SYSTEM ON EXISTING BUILDING TO MINIMIZE THE TIME WHEN ROOF DECK IS EXPOSED TO WEATHER AND BUILDING IS SUBJECT TO WATER INTRUSION. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT WATER INTRUSION INTO BUILDING DURING CONSTRUCTION INCLUDING TEMPORARY COVERS.
- SLOPE INDICATED IN LEGEND IS A MINIMUM SLOPE MEASURED AT THE ROOF SURFACE.

ROOF PLAN KEY NOTES

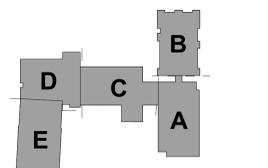
NOTE: KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE PLANS FOR KEYED ITEM LOCATIONS.

NUMBER	DESCRIPTION
01	EXISTING ROOF TO REMAIN
02	AREA OF EXISTING ROOF REWORK - SEE BUILDING SECTIONS FOR ADDITIONAL INFO
03	DEMOLISH EXISTING TPO SYSTEM TO DECK AND REPLACE WITH TPO ROOF SYSTEM
04	NEW STANDING SEAM METAL ROOF
05	PREFABRICATED METAL CANOPY
06	EXISTING DOWNSPOUT. NEW COLOR RECOATING IN BASE BID.
07	DEMOLISH EXISTING DOWNSPOUT. REPLACE WITH NEW DOWNSPOUT FOR BID ALT NO. 3.
08	PRE-FINISHED METAL GUTTER
09	EXISTING DOWNSPOUT. CONNECT INTO NEW BOOT TO UNDER-SOFT-SYSTEM.
10	CANOPY MANUFACTURER TO COORDINATE CANOPY DESIGN WITH BUILDING DOWNSPOUTS.
11	SNOW GUARD SYSTEM
12	EXISTING ROOF DECK INFILL
13	EXISTING CANOPY REPAIR
14	EXISTING ROOF TO REMAIN. NEW COLOR RECOATING IN BASE BID.
15	DEMOLISH ROOF DOWN TO ROOF DECK. NEW STANDING SEAM METAL ROOF SYSTEM FOR BID ALT NO. 3.
16	ROOF VENT
17	EXISTING ROOF DRAIN
18	EXISTING GUTTER. NEW COLOR RECOATING IN BASE BID.
19	DEMOLISH EXISTING GUTTER. REPLACE WITH NEW GUTTER FOR BID ALT NO. 3.

ROOF SYMBOL LEGEND



A1 OVERALL ROOF PLAN
1/16" = 1'-0"



KEY PLAN-1ST FLOOR
NTS



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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
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Drawn By: SMK
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BID DOCUMENTS
01/10/2025

SHEET TITLE
OVERALL ROOF PLAN - BID ALT

A007

ROOF PLAN GENERAL NOTES:

- NEW ROOF SYSTEM INCLUDES ALL COMPONENTS AND ACCESSORIES REQUIRED TO PROVIDE A COMPLETE, WATER-TIGHT AND WARRANTED SYSTEM. ITEMS INCLUDE BUT ARE NOT LIMITED TO INSULATION, ADHESIVE, PRIMER, FASTENERS, ANCHORS, METAL FLASHING, BLOCKING, GUTTERS, DOWNSPOUTS, CURBS, ETC.
- COORDINATE INSTALLATION OF NEW ROOF SYSTEM ON EXISTING BUILDING TO MINIMIZE THE TIME WHEN ROOF DECK IS EXPOSED TO WEATHER AND BUILDING IS SUBJECT TO WATER INTRUSION. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT WATER INTRUSION INTO BUILDING DURING CONSTRUCTION INCLUDING TEMPORARY COVERS.
- SLOPE INDICATED IN LEGEND IS A MINIMUM SLOPE MEASURED AT THE ROOF SURFACE.

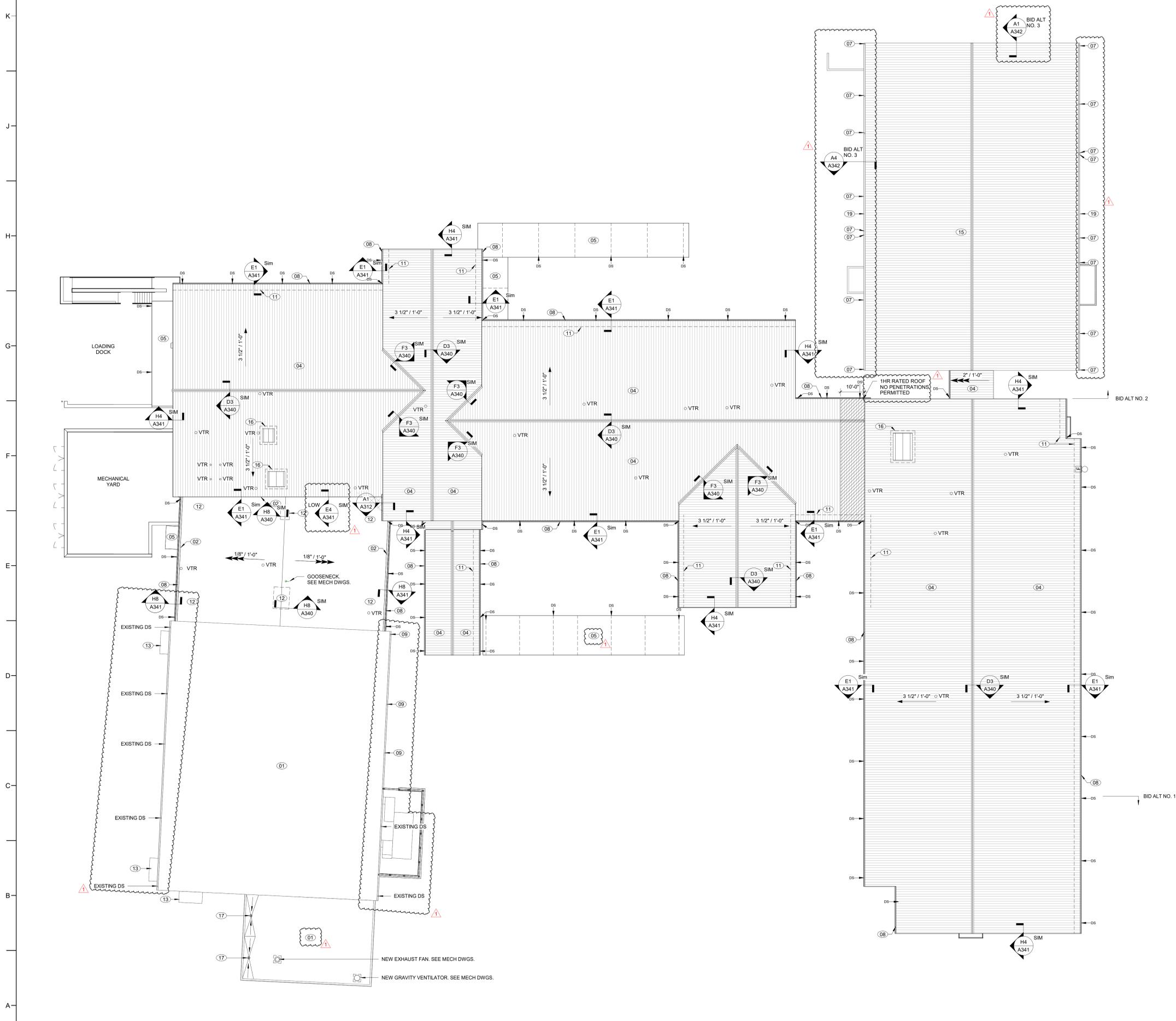
ROOF PLAN KEY NOTES

NOTE: KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE PLANS FOR KEYED ITEM LOCATIONS.

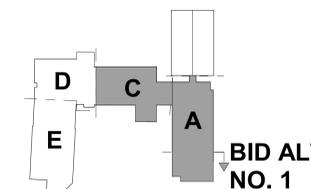
NUMBER	DESCRIPTION
01	EXISTING ROOF TO REMAIN
02	AREA OF EXISTING ROOF REWORK - SEE BUILDING SECTIONS FOR ADDITIONAL INFO
03	DEMOLISH EXISTING TPO SYSTEM TO DECK AND REPLACE WITH TPO ROOF SYSTEM
04	NEW STANDING SEAM METAL ROOF
05	PREFABRICATED METAL CANOPY
06	EXISTING DOWNSPOUT. NEW COLOR RECOATING IN BASE BID.
07	DEMOLISH EXISTING DOWNSPOUT. REPLACE WITH NEW DOWNSPOUT FOR BID ALT NO. 3.
08	PRE-FINISHED METAL GUTTER
09	EXISTING DOWNSPOUT. CONNECT INTO NEW BOOT TO EXISTING DOWNSPOUT SYSTEM.
10	CANOPY MANUFACTURER TO COORDINATE CANOPY DESIGN WITH BUILDING DOWNSPOUTS.
11	SNOW GUARD SYSTEM
12	EXISTING ROOF DECK INFILL
13	EXISTING CANOPY REPAIR
14	EXISTING ROOF TO REMAIN. NEW COLOR RECOATING IN BASE BID.
15	DEMOLISH ROOF DOWN TO ROOF DECK. NEW STANDING SEAM METAL ROOF SYSTEM FOR BID ALT NO. 3.
16	ROOF VENT
17	EXISTING ROOF DRAIN
18	EXISTING GUTTER. NEW COLOR RECOATING IN BASE BID.
19	DEMOLISH EXISTING GUTTER. REPLACE WITH NEW GUTTER FOR BID ALT NO. 3.

ROOF SYMBOL LEGEND

- 1/4" PER FOOT SLOPED
- SLOPED ROOF STRUCTURE
- ROOF/OVERFLOW DRAINS
- EXHAUST FAN
- DS DOWNSPOUT
- VTR VENT THROUGH ROOF



A1 OVERALL ROOF PLAN - BID ALT NO. 1
1/16" = 1'-0"



KEY PLAN - 2ND FLOOR
NTS



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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

Table with 2 columns: Revision Number, Description, Date. Row 1: 1 ADDENDUM #1 2/3/2025

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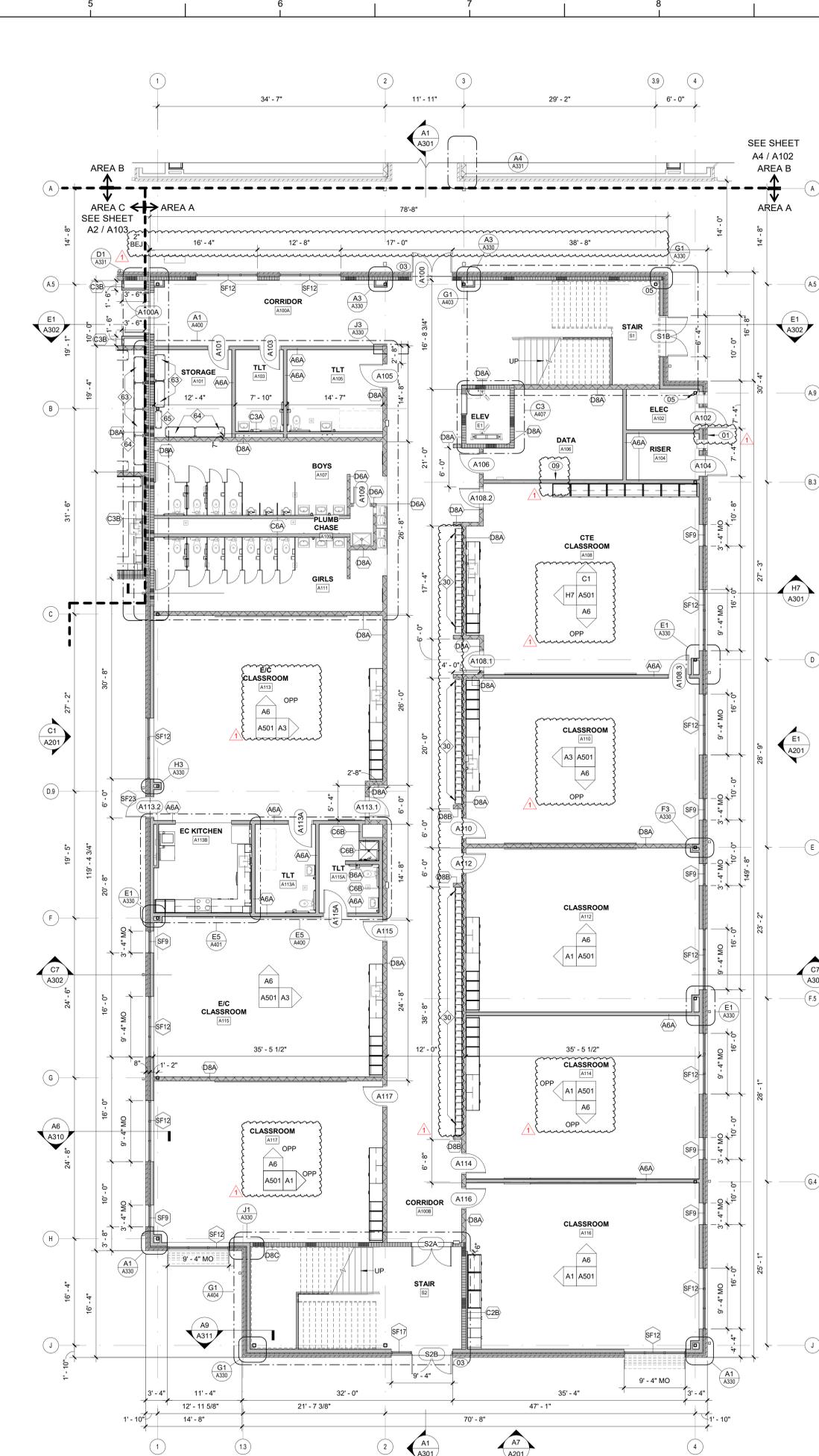
DATE ISSUED

BID DOCUMENTS 01/10/2025

SHEET TITLE

FIRST FLOOR PLAN - AREA A

A100



A5 FIRST FLOOR PLAN - AREA A 1/8" = 1'-0"

FLOOR PLAN KEY NOTES

NOTE: NOT ALL KEY NOTES BELOW ARE APPLICABLE TO THIS SHEET. KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE SHEET A000 FOR FLOOR PLAN GENERAL NOTES. SEE SHEET A000 FOR FF&E LEGEND.

Table with 2 columns: Note Number, Description. Notes include lock box, floor drain, card reader, access ladder, AESS column, display case, center wall, masonry opening, plywood, and door opening.

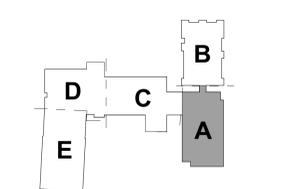
RATED ASSEMBLIES LEGEND

NOTES: RATINGS ARE NOT SHOWN THROUGH DOORS FOR CLARITY. SEE A001 FOR PARTITION TYPES. SEE LIFE SAFETY PLANS ON G003 AND G004 FOR FULL EXTENT OF RATINGS, INCLUDING HORIZONTAL RATINGS. RATINGS ARE CONTINUOUS AROUND OPENINGS AND OPENINGS ARE TO BE PROTECTED IN ACCORDANCE WITH THE NC STATE BUILDING CODE. PROTECT ALL PENETRATIONS.

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Legend for fire-rated assemblies: 1-HR RATED FIRE BARRIER, 2-HR RATED FIRE WALL, 2-HR RATED FIRE BARRIER.

SEE G-SHEETS FOR RATED ASSEMBLIES AND ADDITIONAL INFORMATION.



KEY PLAN-1ST FLOOR NTS



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PROJECT INFORMATION

**ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS**

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

1 ADDENDUM #1 2/3/2025

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01/10/2025

SHEET TITLE

FIRST FLOOR PLAN - AREA A - BID ALT NO. 1

A101

FLOOR PLAN KEY NOTES

NOTE: NOT ALL KEY NOTES BELOW ARE APPLICABLE TO THIS SHEET. KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE SHEET A000 FOR FLOOR PLAN GENERAL NOTES. SEE SHEET A000 FOR FF&E LEGEND.

01	LOCK BOX: FULLY RECESSED IN WALL. OPERATING PARTS SHALL BE 4" MAX AFF. COORDINATE EXACT LOCATION WITH FIRE MARSHAL.
02	FLOOR DRAIN LOCATION. SLOPE SLAB TO FLOOR DRAIN. DASHED LINE INDICATES EXTENTS OF SLOPED FLOOR (2'-0") 1/4" PER FOOT SLOPE. SEE STRUCTURAL AND PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS.
03	CARD READER. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
04	ACCESS LADDER. SEE DETAILS E1&G1/A407 SIM.
05	AESS COLUMN. SEE STRUCTURAL FOR ADDITIONAL REQUIREMENTS.
06	ILLUMINATED DISPLAY CASE
07	CENTER WALL ON COLUMN CENTERLINE
08	4" FROM MASONRY OPENING TO INSIDE OF ADJACENT PERPENDICULAR WALL, EVEN WHERE NOT A MASONRY HEAD JOINT, TO ENSURE 18" MINIMUM FROM STRIKE SIDE OF DOOR TO INSIDE OF ADJACENT MASONRY WALL.
09	4x8 FRT PLYWOOD
10	BOLLARD FOR CARD READER
11	EXISTING DOOR OPENING INFILL

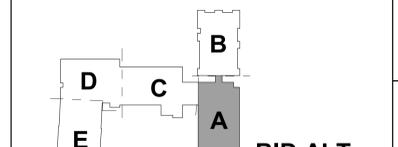
RATED ASSEMBLIES LEGEND

NOTES: RATINGS ARE NOT SHOWN THROUGH DOORS FOR CLARITY. SEE A001 FOR PARTITION TYPES. SEE LIFE SAFETY PLANS ON G003 AND G004 FOR FULL EXTENT OF RATINGS, INCLUDING HORIZONTAL RATINGS. RATINGS ARE CONTINUOUS AROUND OPENINGS AND OPENINGS ARE TO BE PROTECTED IN ACCORDANCE WITH THE NC STATE BUILDING CODE. PROTECT ALL PENETRATIONS.

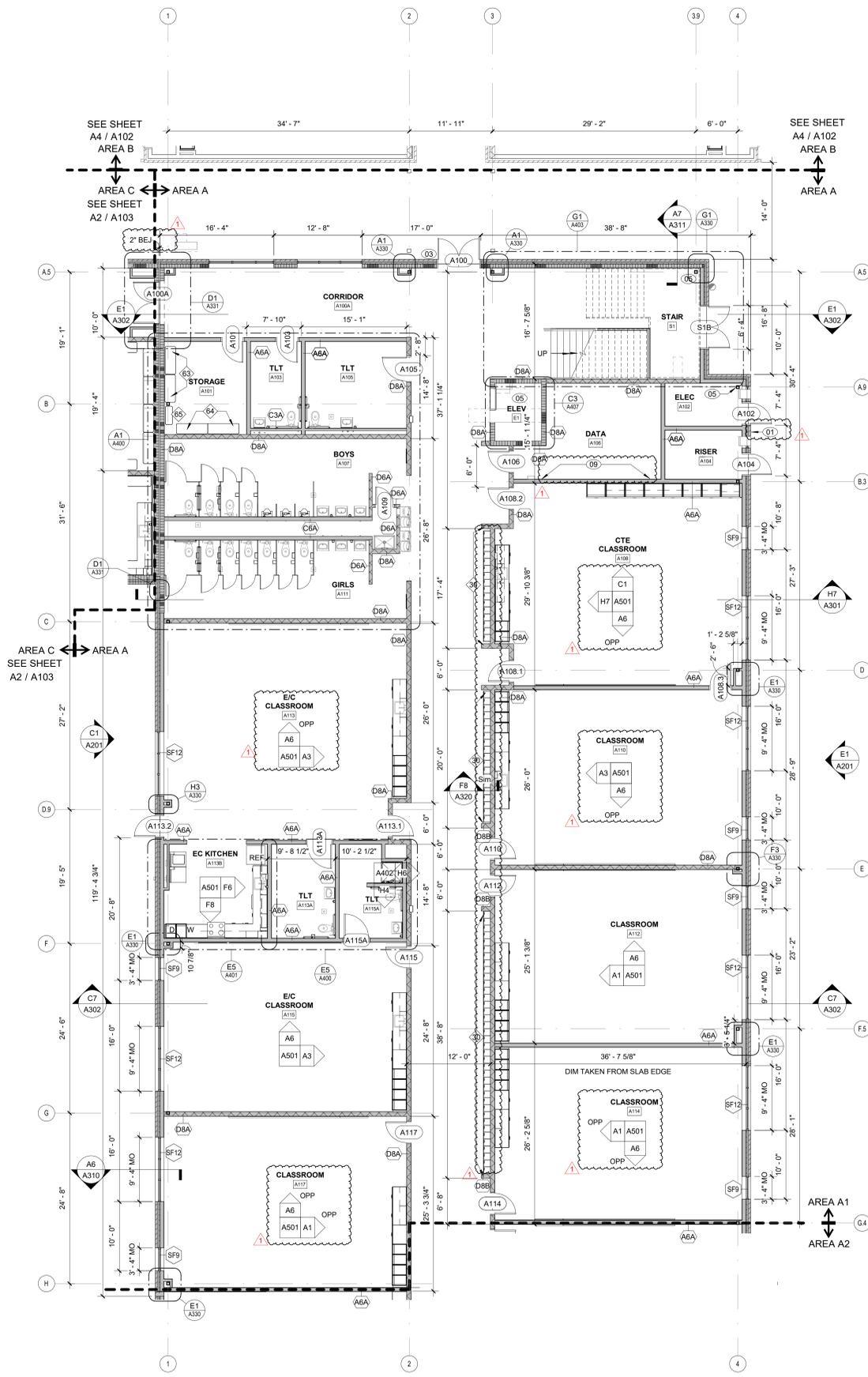
ALL RATED ASSEMBLIES SHALL BE STENCILED WITH RATED WALL WARNING MESSAGE IN RED TO READ AS FOLLOWS: "1-HR RATED FIRE BARRIER. SEAL ALL PENETRATIONS" WITH APPLICABLE HOUR RATINGS INSERTED. HOUR RATING TO BE AS NOTED ON PLANS. MESSAGE TO BE 4" MIN HIGH LETTERS, PLACED 12" ABOVE CEILING, SPACED AT 12" OC ON BOTH SIDES OF WALLS AND ON UNDERSIDE OF HORIZONTAL RATED ASSEMBLIES.

SEE G-SHEETS FOR RATED ASSEMBLIES AND ADDITIONAL INFORMATION.

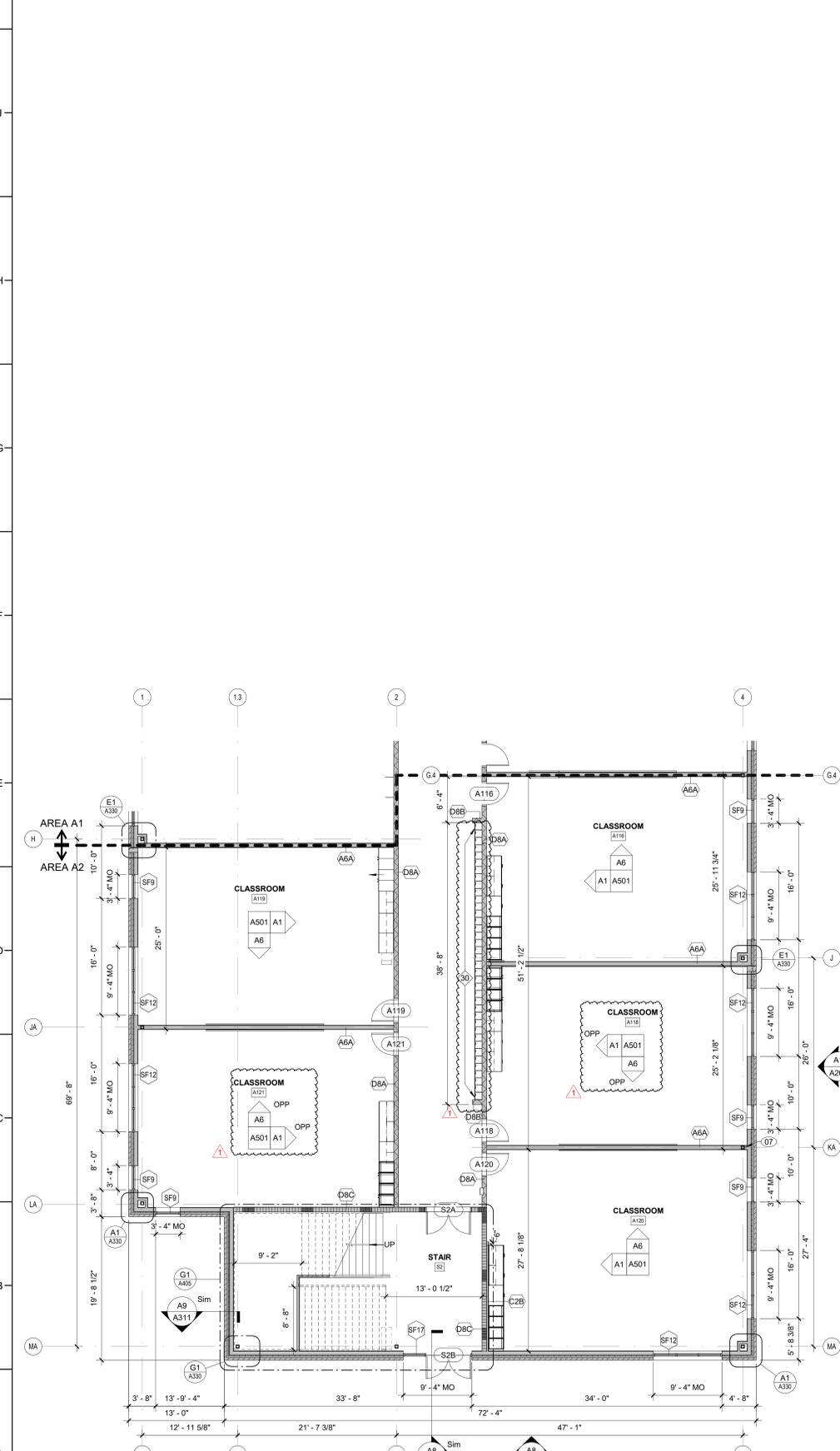
[Symbol]	1-HR RATED FIRE BARRIER
[Symbol]	2-HR RATED FIRE WALL
[Symbol]	2-HR RATED FIRE BARRIER



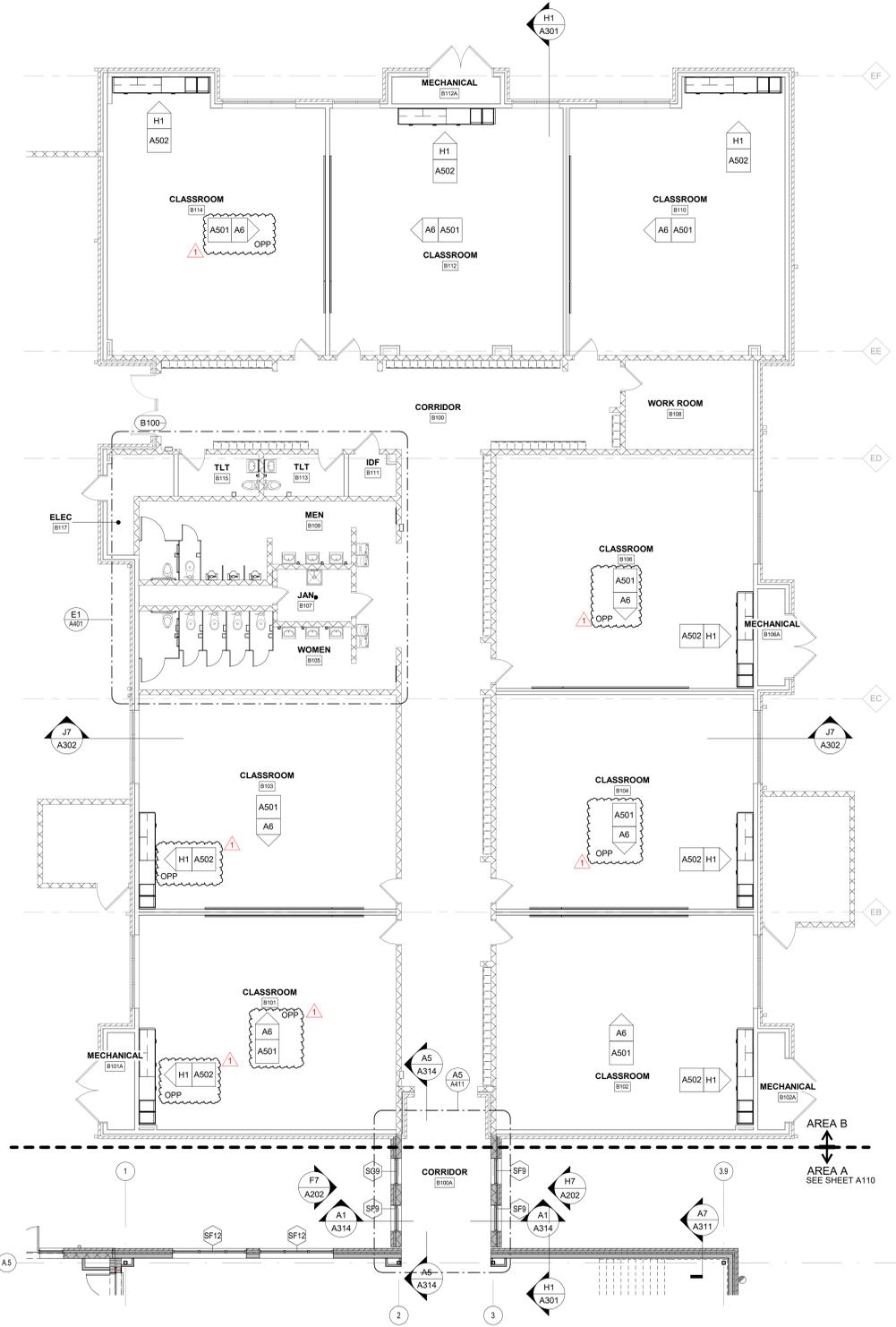
KEY PLAN - 1ST FLOOR ALT
NTS



A5 FIRST FLOOR PLAN - AREA A1 - BID ALT NO. 1
1/8" = 1'-0"



A1 FIRST FLOOR PLAN - AREA A2 - BID ALT NO. 1
1/8" = 1'-0"



FLOOR PLAN KEY NOTES

NOTE: NOT ALL KEY NOTES BELOW ARE APPLICABLE TO THIS SHEET. KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE SHEET A000 FOR FLOOR PLAN GENERAL NOTES. SEE SHEET A000 FOR FF&E LEGEND.

01	LOCK BOX: FULLY RECESSED IN WALL. OPERATING PARTS SHALL BE 4" MAX AFF. COORDINATE EXACT LOCATION WITH FIRE MARSHAL.
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03	CARD READER. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
04	ACCESS LADDER. SEE DETAILS E1&G1/A407 SIM.
05	AESS COLUMN. SEE STRUCTURAL FOR ADDITIONAL REQUIREMENTS.
06	ILLUMINATED DISPLAY CASE
07	CENTER WALL ON COLUMN CENTERLINE
08	4" FROM MASONRY OPENING TO INSIDE OF ADJACENT PERPENDICULAR WALL, EVEN WHERE NOT A MASONRY HEAD JOINT, TO ENSURE 18" MINIMUM FROM STRIKE SIDE OF DOOR TO INSIDE OF ADJACENT MASONRY WALL.
09	4x8 FRT PLYWOOD
10	BOLLARD FOR CARD READER
11	EXISTING DOOR OPENING INFILL

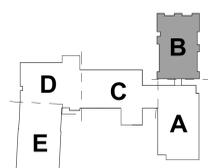
RATED ASSEMBLIES LEGEND

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SEE G-SHEETS FOR RATED ASSEMBLIES AND ADDITIONAL INFORMATION.

	1-HR RATED FIRE BARRIER
	2-HR RATED FIRE WALL
	2-HR RATED FIRE BARRIER



KEY PLAN-1ST FLOOR

NTS

A4 FIRST FLOOR PLAN - ALT AREA B - BID ALT NO. 2
 1/8" = 1'-0"

SEALS



DKA JOB NUMBER

2401

REVISIONS

1	ADDENDUM #1	2/3/2025

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BID DOCUMENTS

01/10/2025

SHEET TITLE

FIRST FLOOR PLAN - AREA B - BID ALT NO. 2

A102



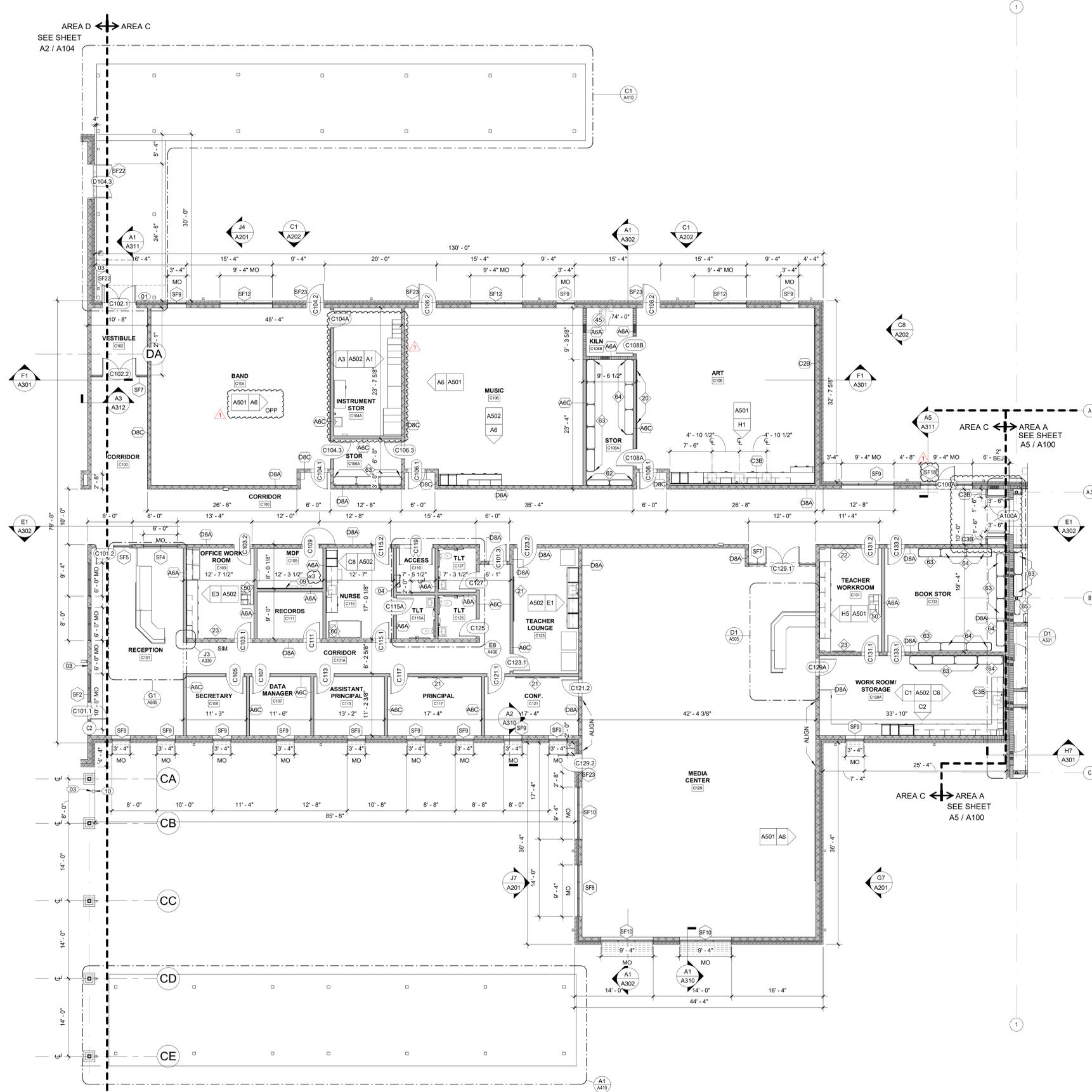
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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530



FLOOR PLAN KEY NOTES

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01	LOCK BOX: FULLY RECESSED IN WALL. OPERATING PARTS SHALL BE 4" MAX AFF. COORDINATE EXACT LOCATION WITH FIRE MARSHAL.
02	FLOOR DRAIN LOCATION: SLOPE SLAB TO FLOOR DRAIN. DASHED LINE INDICATES EXTENTS OF SLOPED FLOOR (2'-0") 1/4" PER FOOT SLOPE. SEE STRUCTURAL AND PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS.
03	CARD READER: SEE ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
04	ACCESS LADDER: SEE DETAILS E1&G1/A07 SIM.
05	AESS COLUMN: SEE STRUCTURAL FOR ADDITIONAL REQUIREMENTS.
06	ILLUMINATED DISPLAY CASE
07	CENTER WALL ON COLUMN CENTERLINE
08	4" FROM MASONRY OPENING TO INSIDE OF ADJACENT PERPENDICULAR WALL, EVEN WHERE NOT A MASONRY HEAD JOINT, TO ENSURE 18" MINIMUM FROM STRIKE SIDE OF DOOR TO INSIDE OF ADJACENT MASONRY WALL.
09	4x8 FRT PLYWOOD
10	BOLLARD FOR CARD READER
11	EXISTING DOOR OPENING INFILL

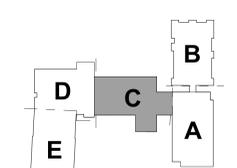
RATED ASSEMBLIES LEGEND

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SEE G-SHEETS FOR RATED ASSEMBLIES AND ADDITIONAL INFORMATION.

	1-HR RATED FIRE BARRIER
	2-HR RATED FIRE WALL
	2-HR RATED FIRE BARRIER



KEY PLAN-1ST FLOOR
NTS

A2 FIRST FLOOR PLAN - AREA C
1/8" = 1'-0"

SEALS



DKA JOB NUMBER

2401

REVISIONS

1	ADDENDUM #1	2/3/2025

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Drawn By: LMY
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BID DOCUMENTS
01/10/2025

SHEET TITLE

FIRST FLOOR PLAN - AREA C

A103



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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

1 ADDENDUM #1 2/3/2025

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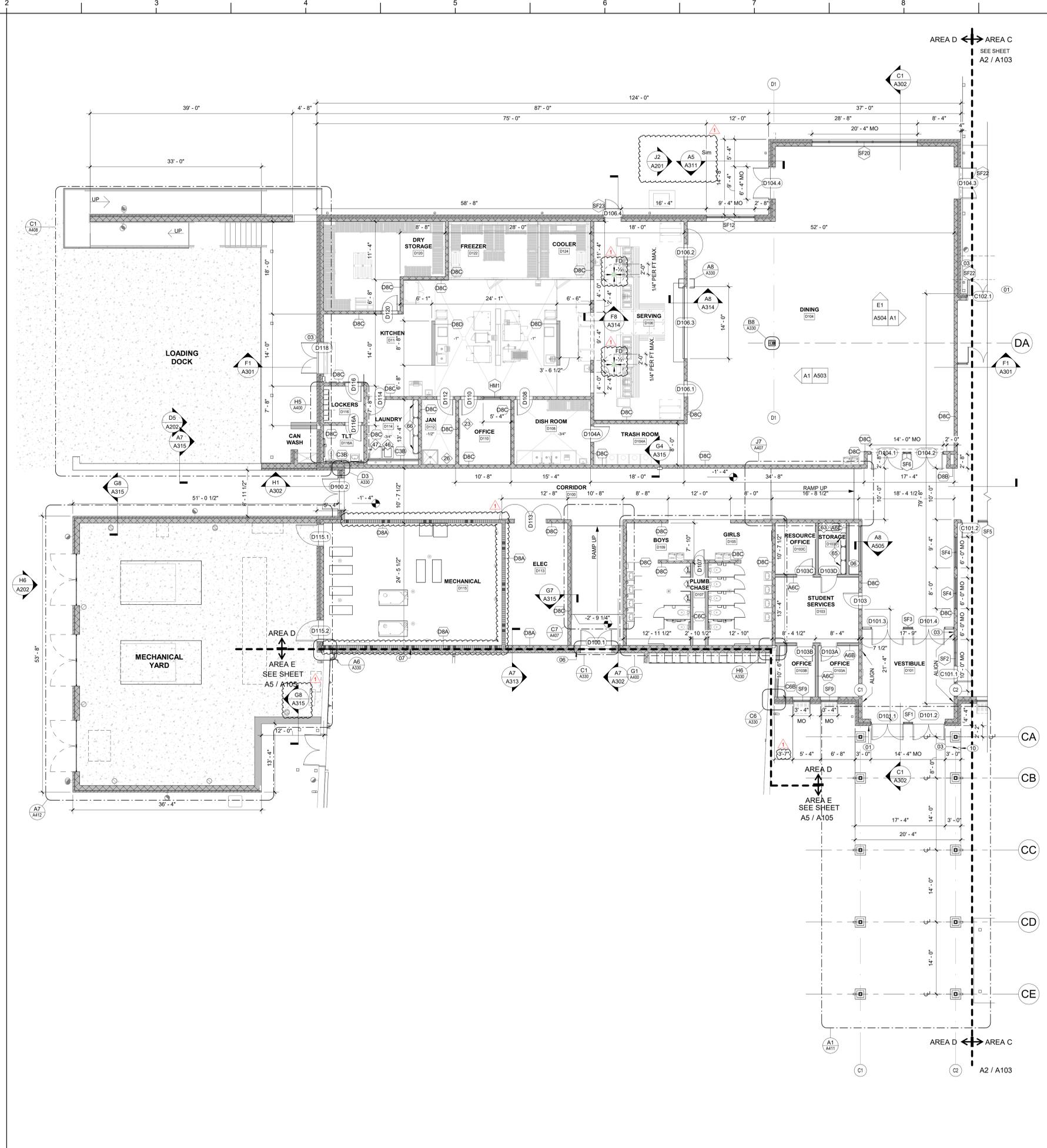
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SHEET TITLE
FIRST FLOOR PLAN -
AREA D

A104



A2 FIRST FLOOR PLAN - AREA D
1/8" = 1'-0"

FLOOR PLAN KEY NOTES

NOTES: NOT ALL KEY NOTES BELOW ARE APPLICABLE TO THIS SHEET. KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE SHEET A000 FOR FLOOR PLAN GENERAL NOTES. SEE SHEET A000 FOR FF&E LEGEND.

01	LOCK BOX: FULLY RECESSED IN WALL. OPERATING PARTS SHALL BE 4" MAX AFF. COORDINATE EXACT LOCATION WITH FIRE MARSHAL.
02	FLOOR DRAIN LOCATION. SLOPE SLAB TO FLOOR DRAIN. DASHED LINE INDICATES EXTENTS OF SLOPED FLOOR (2'-0"). 1/4" PER FOOT SLOPE. SEE STRUCTURAL AND PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS.
03	CARD READER. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
04	ACCESS LADDER. SEE DETAILS E1&G1/407 SIM.
05	AESS COLUMN. SEE STRUCTURAL FOR ADDITIONAL REQUIREMENTS.
06	ILLUMINATED DISPLAY CASE
07	CENTER WALL ON COLUMN CENTERLINE
08	4" FROM MASONRY OPENING TO INSIDE OF ADJACENT PERPENDICULAR WALL, EVEN WHERE NOT A MASONRY HEAD JOINT, TO ENSURE 18" MINIMUM FROM STRIKE SIDE OF DOOR TO INSIDE OF ADJACENT MASONRY WALL.
09	4x8 FRT PLYWOOD
10	BOLLARD FOR CARD READER
11	EXISTING DOOR OPENING INFILL

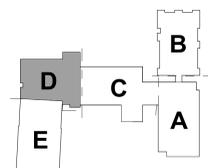
RATED ASSEMBLIES LEGEND

NOTES: RATINGS ARE NOT SHOWN THROUGH DOORS FOR CLARITY. SEE A001 FOR PARTITION TYPES. SEE LIFE SAFETY PLANS ON G003 AND G004 FOR FULL EXTENT OF RATINGS, INCLUDING HORIZONTAL RATINGS. RATINGS ARE CONTINUOUS AROUND OPENINGS AND OPENINGS ARE TO BE PROTECTED IN ACCORDANCE WITH THE NC STATE BUILDING CODE. PROTECT ALL PENETRATIONS.

ALL RATED ASSEMBLIES SHALL BE STENCILED WITH RATED WALL WARNING MESSAGE IN RED TO READ AS FOLLOWS: " - HOUR RATED FIRE BARRIER. SEAL ALL PENETRATIONS" WITH APPLICABLE HOUR RATING INSERTED. HOUR RATING TO BE AS NOTED ON PLANS. MESSAGE TO BE 4" MIN HIGH LETTERS, PLACED 12" ABOVE CEILING, SPACED AT 12" O.C. ON BOTH SIDES OF WALLS AND ON UNDERSIDE OF HORIZONTAL RATED ASSEMBLIES.

SEE G-SHEETS FOR RATED ASSEMBLIES AND ADDITIONAL INFORMATION.

[Symbol]	1-HR RATED FIRE BARRIER
[Symbol]	2-HR RATED FIRE WALL
[Symbol]	2-HR RATED FIRE BARRIER



KEY PLAN-1ST FLOOR
NTS



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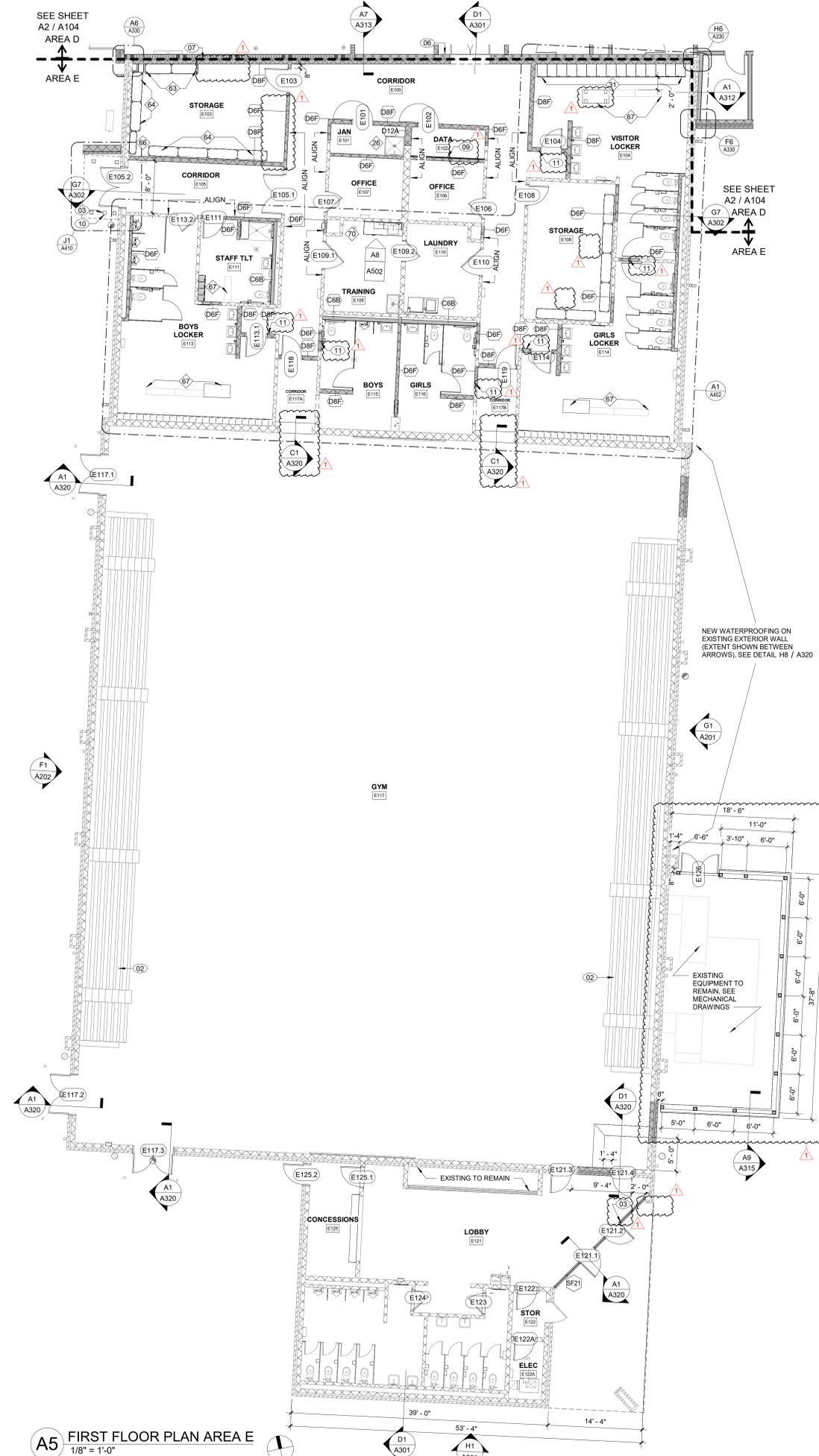
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SHEET TITLE

FIRST FLOOR PLAN - AREA E

A105



FLOOR PLAN KEY NOTES

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09	4x8 FRT PLYWOOD
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11	EXISTING DOOR OPENING INFILL

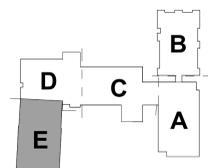
RATED ASSEMBLIES LEGEND

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- 1-HR RATED FIRE BARRIER
- 2-HR RATED FIRE WALL
- 2-HR RATED FIRE BARRIER



KEY PLAN-1ST FLOOR

NTS

A5 FIRST FLOOR PLAN AREA E
1/8" = 1'-0"

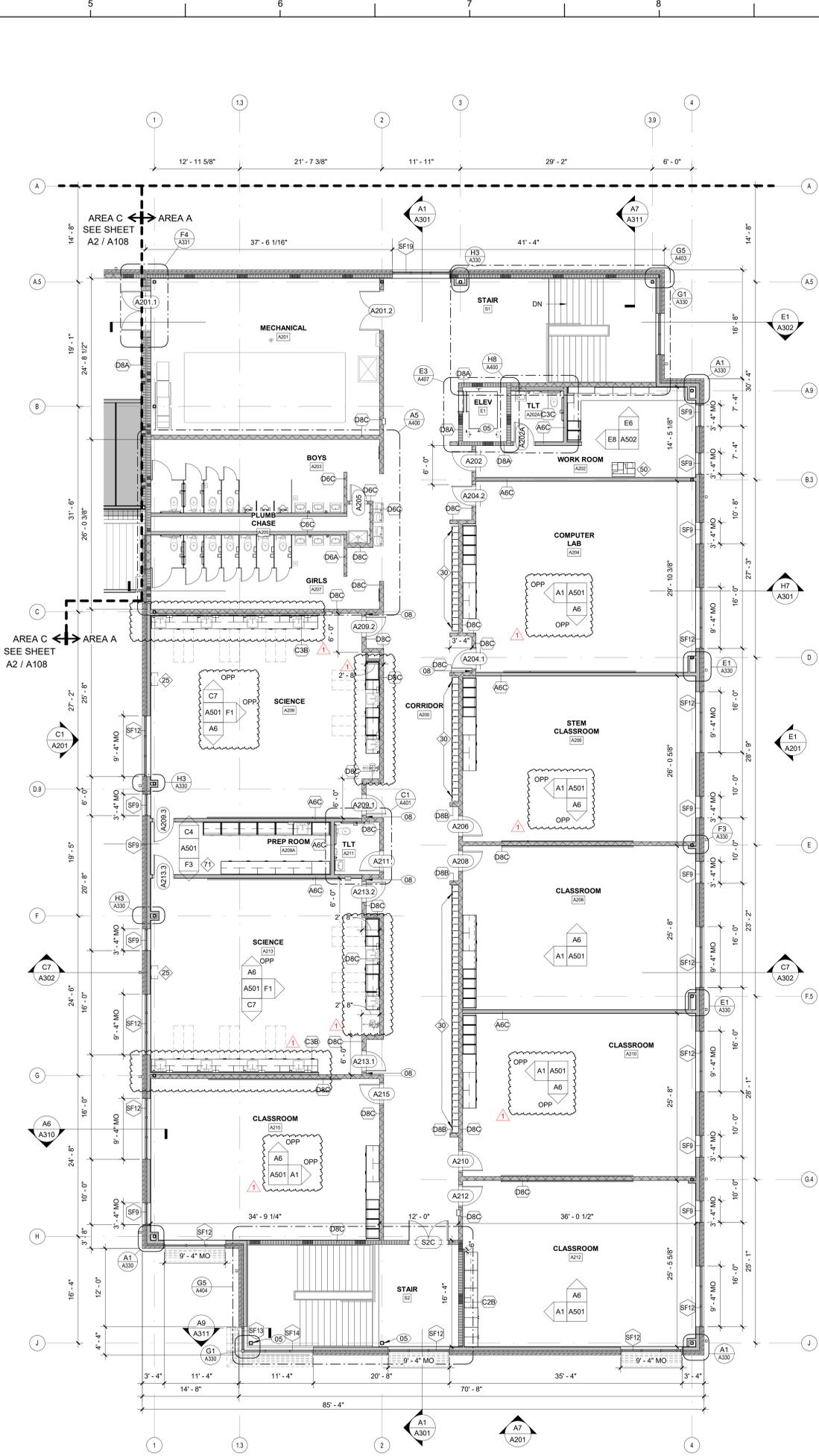


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PROJECT INFORMATION

**ROSEWOOD MIDDLE SCHOOL
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WAYNE COUNTY PUBLIC SCHOOLS**

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A5 SECOND FLOOR PLAN - AREA A
1/8" = 1'-0"

FLOOR PLAN KEY NOTES

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06	ILLUMINATED DISPLAY CASE
07	CENTER WALL ON COLUMN CENTERLINE
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09	4x8 FRT PLYWOOD
10	BOLLARD FOR CARD READER
11	EXISTING DOOR OPENING INFILL

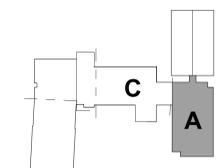
RATED ASSEMBLIES LEGEND

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SEE G-SHEETS FOR RATED ASSEMBLIES AND ADDITIONAL INFORMATION.

[Symbol]	1-HR RATED FIRE BARRIER
[Symbol]	2-HR RATED FIRE WALL
[Symbol]	2-HR RATED FIRE BARRIER



KEY PLAN - 2ND FLOOR
NTS

SEALS



DKA JOB NUMBER

2401

REVISIONS

1	ADDENDUM #1	2/3/2025

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SHEET TITLE

SECOND FLOOR
PLAN - AREA A

A106



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PROJECT INFORMATION

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SEALS



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SHEET TITLE

SECOND FLOOR
PLAN - AREA A - BID
ALT NO. 1

A107

FLOOR PLAN KEY NOTES

NOTE: NOT ALL KEY NOTES BELOW ARE APPLICABLE TO THIS SHEET. KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE SHEET A000 FOR FLOOR PLAN GENERAL NOTES. SEE SHEET A000 FOR FF&E LEGEND.

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03	CARD READER. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
04	ACCESS LADDER. SEE DETAILS E1&G1/A07 SIM.
05	AESS COLUMN. SEE STRUCTURAL FOR ADDITIONAL REQUIREMENTS.
06	ILLUMINATED DISPLAY CASE
07	CENTER WALL ON COLUMN CENTERLINE
08	4" FROM MASONRY OPENING TO INSIDE OF ADJACENT PERPENDICULAR WALL, EVEN WHERE NOT A MASONRY HEAD JOINT, TO ENSURE 18" MINIMUM FROM STRIKE SIDE OF DOOR TO INSIDE OF ADJACENT MASONRY WALL.
09	4x8 FRT PLYWOOD
10	BOLLARD FOR CARD READER
11	EXISTING DOOR OPENING INFILL

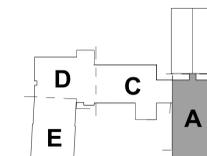
RATED ASSEMBLIES LEGEND

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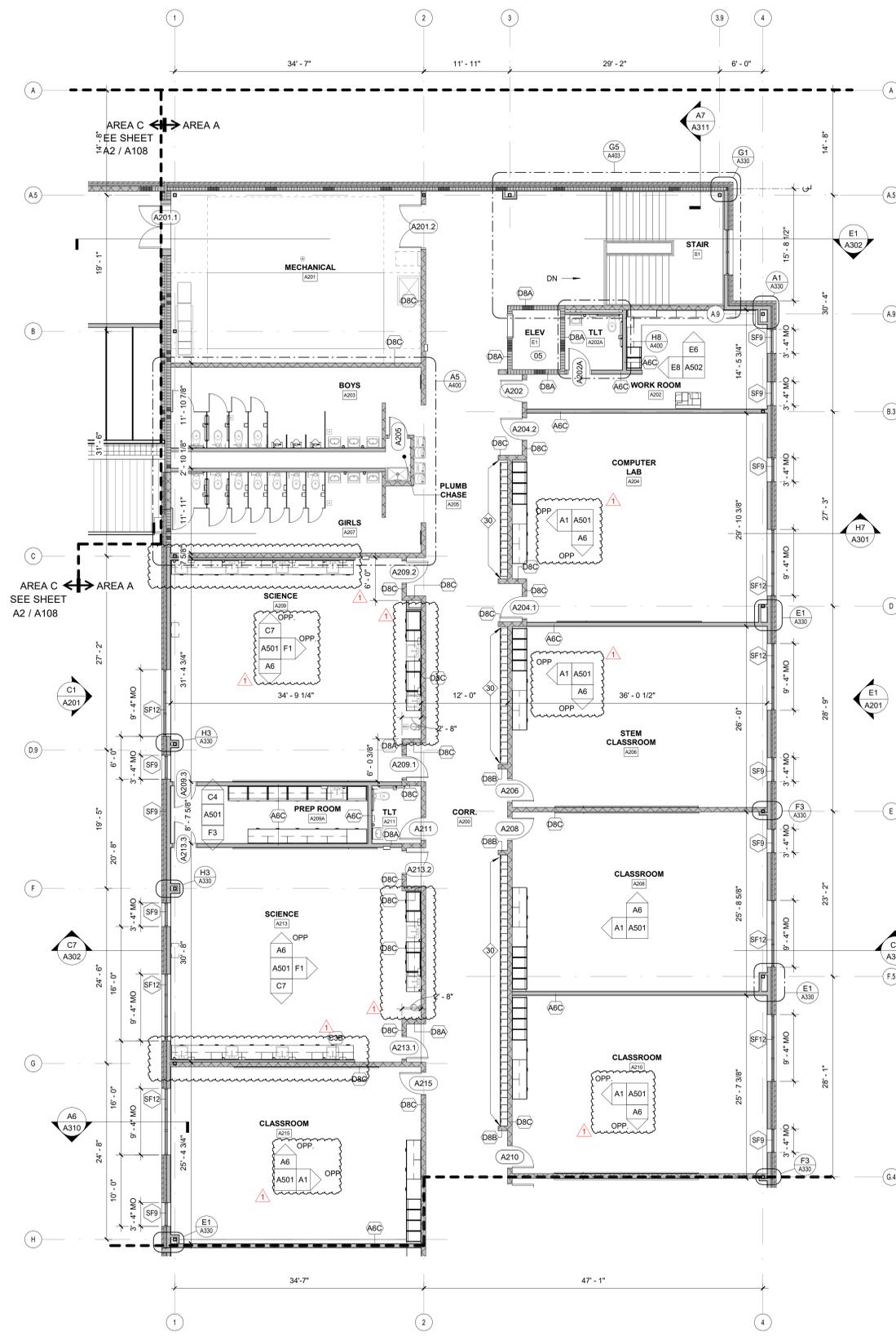
SEE G-SHEETS FOR RATED ASSEMBLIES AND ADDITIONAL INFORMATION.

[Symbol]	1-HR RATED FIRE BARRIER
[Symbol]	2-HR RATED FIRE WALL
[Symbol]	2-HR RATED FIRE BARRIER



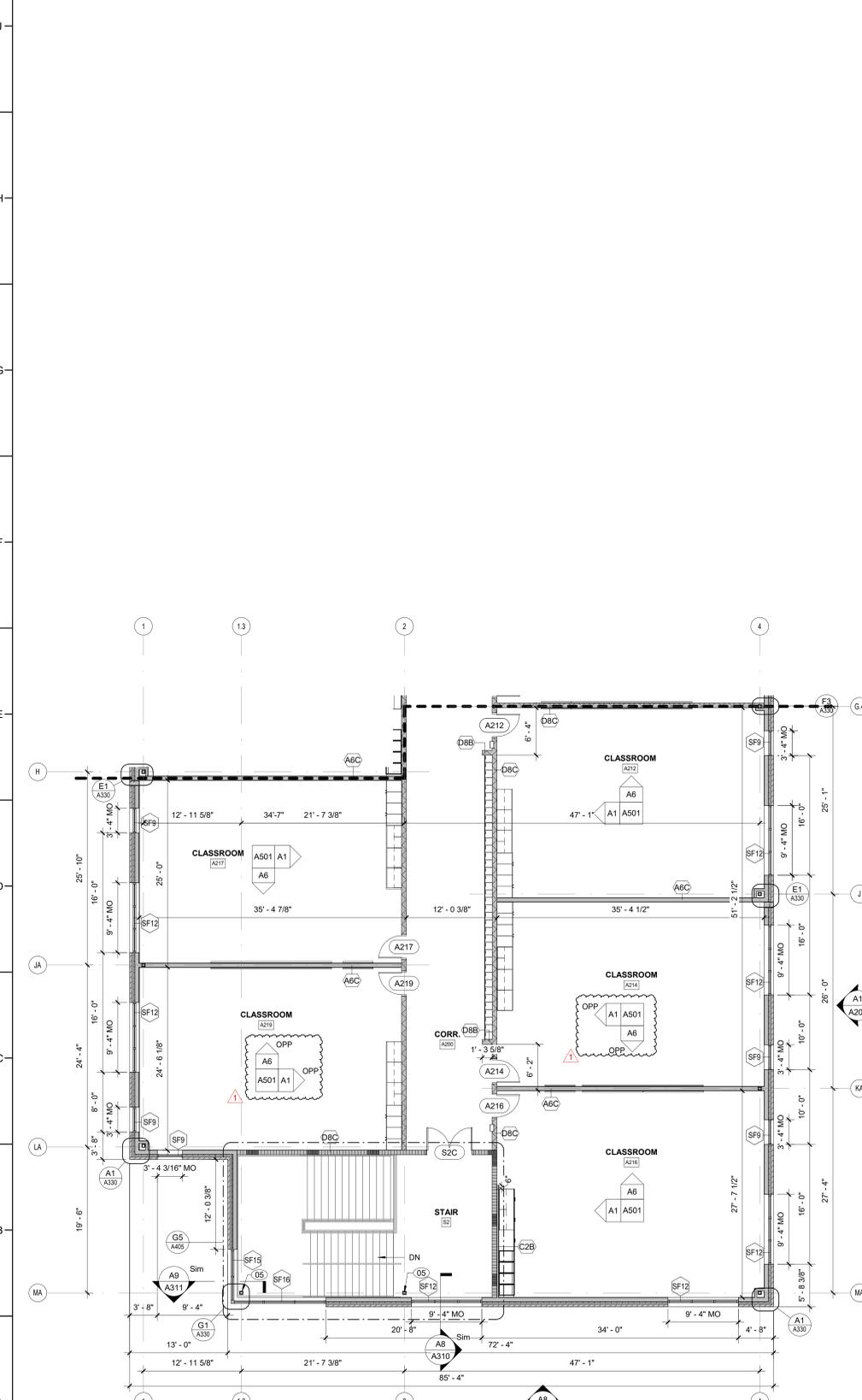
KEY PLAN - 2ND FLOOR

NTS



A5 SECOND FLOOR PLAN - AREA A1 - BID ALT NO. 1

1/8" = 1'-0"



A1 SECOND FLOOR PLAN - AREA A2 - BID ALT NO. 1

1/8" = 1'-0"



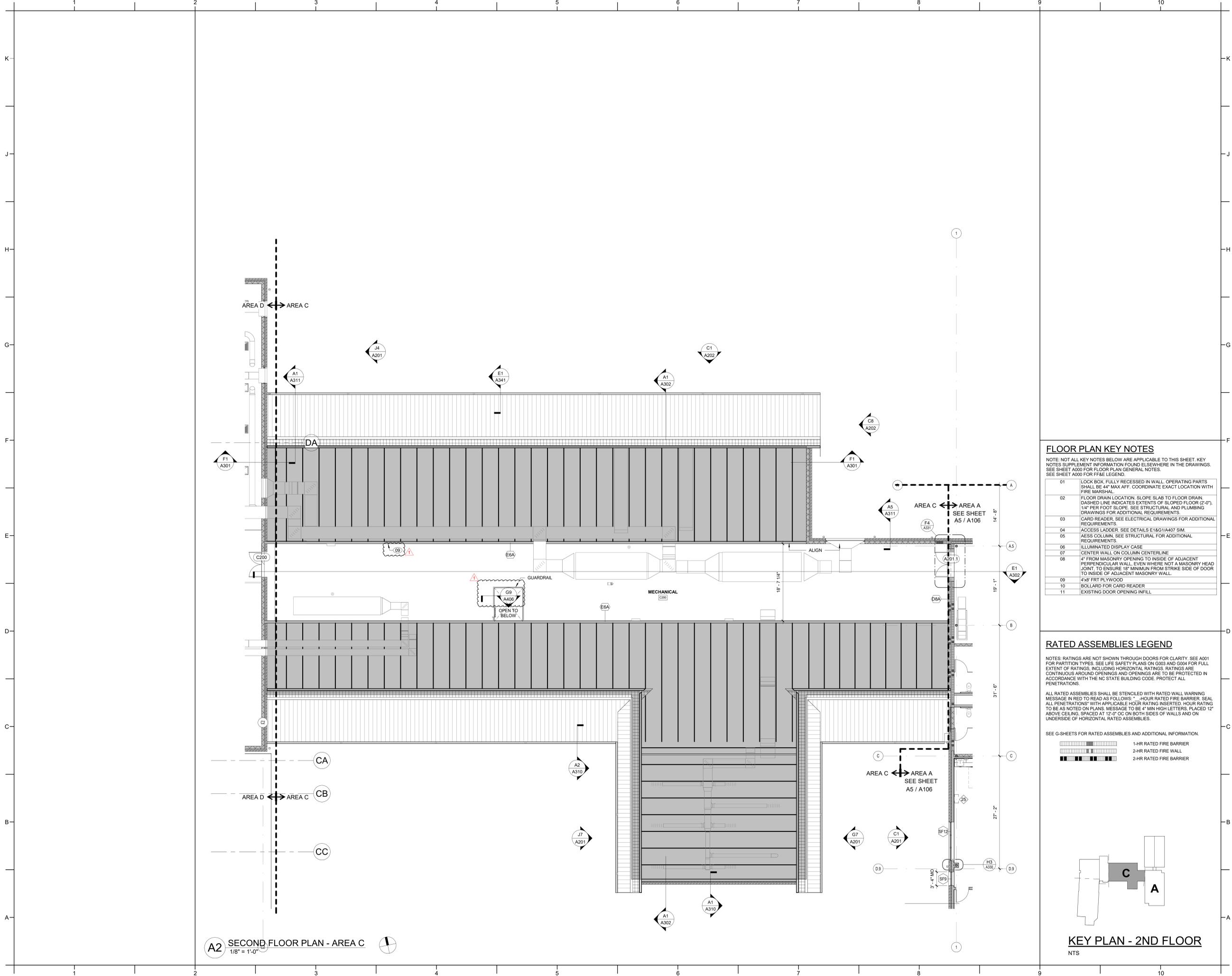
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FLOOR PLAN KEY NOTES

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RATED ASSEMBLIES LEGEND

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	1-HR RATED FIRE BARRIER
	2-HR RATED FIRE WALL
	2-HR RATED FIRE BARRIER

SEALS



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SHEET TITLE
SECOND FLOOR
PLAN - AREA C

A108

A2 SECOND FLOOR PLAN - AREA C
1/8" = 1'-0"

KEY PLAN - 2ND FLOOR
NTS



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REFLECTED CEILING PLAN GENERAL NOTES:

- CEILING GRIDS TO BE CENTERED IN ROOM AS SHOWN, UNLESS DIMENSIONED OTHERWISE.
- DOUBLE CEILING TRACK AT THE EDGE OF ANY LAY-IN AREAS IS NOT ACCEPTABLE. PROVIDE A 2x4" TILE CUT TO FIT THE LARGER OPENING WHERE A STRIP OF TILE LESS THAN 2 1/2" IN EITHER DIRECTION WOULD HAVE TO BE USED, TYP.
- MECHANICAL, ELECTRICAL, FIRE PROTECTION, AND AV COMPONENTS ARE SHOWN FOR COORDINATION PURPOSES ONLY. SEE PLUMBING, ELECTRICAL, MECHANICAL, AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF MECHANICAL, FIRE PROTECTION, ELECTRICAL, AND PLUMBING WORK ABOVE CEILING, IN ORDER TO PROVIDE FINISHED CEILINGS AT HEIGHTS REQUIRED ON CEILING PLAN.
- SEE INTERIOR FINISHES SCHEDULE AND INTERIOR FINISHES PLANS ON I-SHEETS FOR ADDITIONAL CEILING INFORMATION AND REQUIREMENTS.
- SEE SECTIONS AND INTERIOR ELEVATIONS FOR BULKHEAD DIMENSIONS NOT NOTED ON REFLECTED CEILING PLANS AND DETAILS.
- PROVIDE CONTROL JOINTS IN GYPSUM BOARD CEILING CONSTRUCTION AS INDICATED. WHERE NOT SHOWN, PROVIDE MAXIMUM SPACING BETWEEN JOINTS OF 30'-0". VERIFY FINAL CONTROL JOINT LOCATIONS WITH ARCHITECT PRIOR TO STARTING WORK WHETHER OR NOT INDICATED ON THE DRAWINGS.
- ALL GWB CONTROL JOINTS ARE TO RUN HORIZONTALLY AS SHOWN ON REFLECTED CEILING PLANS AND VERTICALLY UP THE FACE OF THE BULKHEAD.
- CENTER PENETRATIONS IN ACOUSTICAL CEILING SYSTEMS WITHIN INDIVIDUAL CEILING PANELS, SUCH AS SPRINKLER HEADS, DIFFUSERS, LIGHT FIXTURES, ETC. UNO.
- PAINT ALL EXPOSED GWB CEILINGS AND BULKHEADS.
- SPRINKLER HEAD LOCATIONS ARE DIAGRAMMATIC. CONTRACTOR TO COORDINATE FINAL AUTOMATIC SPRINKLER DESIGN AND DEVICE LOCATIONS WITH OTHER CEILING-MOUNTED EQUIPMENT AND DEVICES.

REFLECTED CEILING PLAN KEY NOTES

NOTE: KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE PLANS FOR KEY ITEM LOCATIONS. SEE SHEET A00.05 FOR REFLECTED CEILING PLAN GENERAL NOTES, REFLECTED CEILING PLAN LEGEND AND FF&E LEGEND.

Number	Description
01	WHERE NO CEILING IS SCHEDULED, PAINT ALL EXPOSED AND SEMI EXPOSED SURFACES, INCLUDING STRUCTURE, DECK, PIPING, DUCT, CONDUIT, BOXES, ETC. MASK AND PROTECT FROM PAINT THOSE ITEMS THAT WILL NOT PROPERLY FUNCTION WITH FIELD-APPLIED COATINGS, INCLUDING SPRINKLER HEADS, CONTROLS, LEVERS, VALVES, SENSORS, ETC.
02	PREFAB ALUMINUM DOOR CANOPY
03	ALUMINUM SUNSHADE
04	HORIZONTAL LOUVER BLINDS

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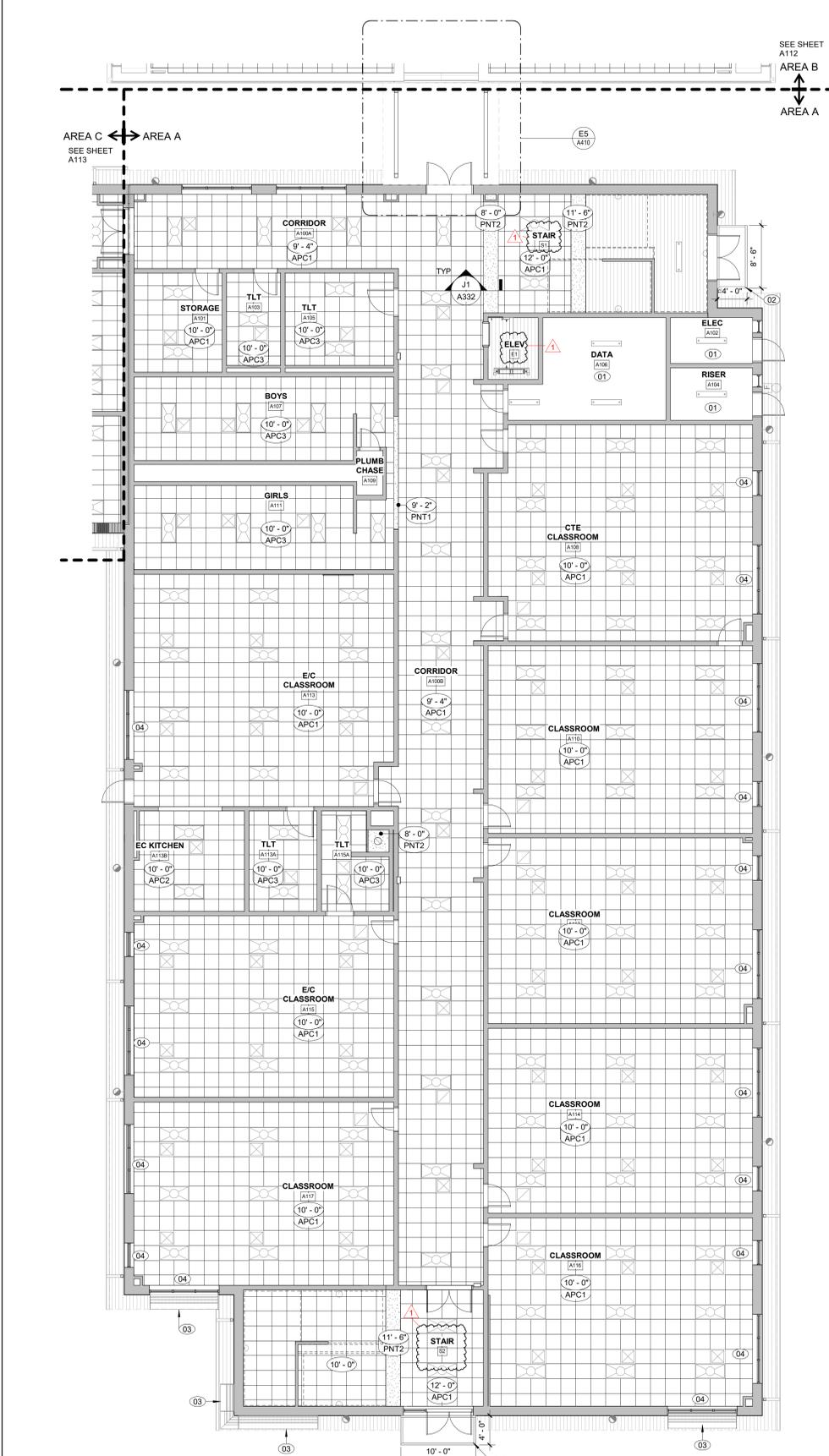
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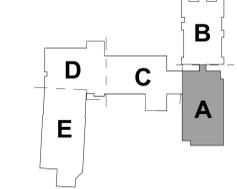
SHEET TITLE

FIRST FLOOR RCP - AREA A

A110



A5 FIRST FLOOR RCP - AREA A
1/8" = 1'-0"



KEY PLAN-1ST FLOOR
NTS



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5. SEE INTERIOR FINISHES SCHEDULE AND INTERIOR FINISHES PLANS ON I-SHEETS FOR ADDITIONAL CEILING INFORMATION AND REQUIREMENTS.
6. SEE SECTIONS AND INTERIOR ELEVATIONS FOR BULKHEAD DIMENSIONS NOT NOTED ON REFLECTED CEILING PLANS AND DETAILS.
7. PROVIDE CONTROL JOINTS IN GYPSUM BOARD CEILING CONSTRUCTION AS INDICATED. WHERE NOT SHOWN, PROVIDE MAXIMUM SPACING BETWEEN JOINTS OF 30'-0". VERIFY FINAL CONTROL JOINT LOCATIONS WITH ARCHITECT PRIOR TO STARTING WORK WHETHER OR NOT INDICATED ON THE DRAWINGS.
8. ALL GWB CONTROL JOINTS ARE TO RUN HORIZONTALLY AS SHOWN ON REFLECTED CEILING PLANS AND VERTICALLY UP THE FACE OF THE BULKHEAD.
9. CENTER PENETRATIONS IN ACOUSTICAL CEILING SYSTEMS WITH INDIVIDUAL CEILING PANELS, SUCH AS SPRINKLER HEADS, DIFFUSERS, LIGHT FIXTURES, ETC. UON.
10. PAINT ALL EXPOSED GWB CEILINGS AND BULKHEADS.
11. SPRINKLER HEAD LOCATIONS ARE DIAGRAMMATIC. CONTRACTOR TO COORDINATE FINAL AUTOMATIC SPRINKLER DESIGN AND DEVICE LOCATIONS WITH OTHER CEILING-MOUNTED EQUIPMENT AND DEVICES.

REFLECTED CEILING PLAN KEY NOTES

NOTE: KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE PLANS FOR KEYED ITEM LOCATIONS. SEE SHEET A00.05 FOR REFLECTED CEILING PLAN GENERAL NOTES, REFLECTED CEILING PLAN LEGEND AND FF&E LEGEND.

Number	Description
01	WHERE NO CEILING IS SCHEDULED, PAINT ALL EXPOSED AND SEMI EXPOSED SURFACES, INCLUDING STRUCTURE, DECK, PIPING, DUCT, CONDUIT, BOXES, ETC. MASK AND PROTECT FROM PAINT THOSE ITEMS THAT WILL NOT PROPERLY FUNCTION WITH FIELD-APPLIED COATINGS, INCLUDING SPRINKLER HEADS, CONTROLS, LEVERS, VALVES, SENSORS, ETC.
02	PREFAB ALUMINUM DOOR CANOPY
03	ALUMINUM SUNSHADE
04	HORIZONTAL LOUVER BLINDS

SEALS



DKA JOB NUMBER

2401

REVISIONS

1 ADDENDUM #1 2/3/2025

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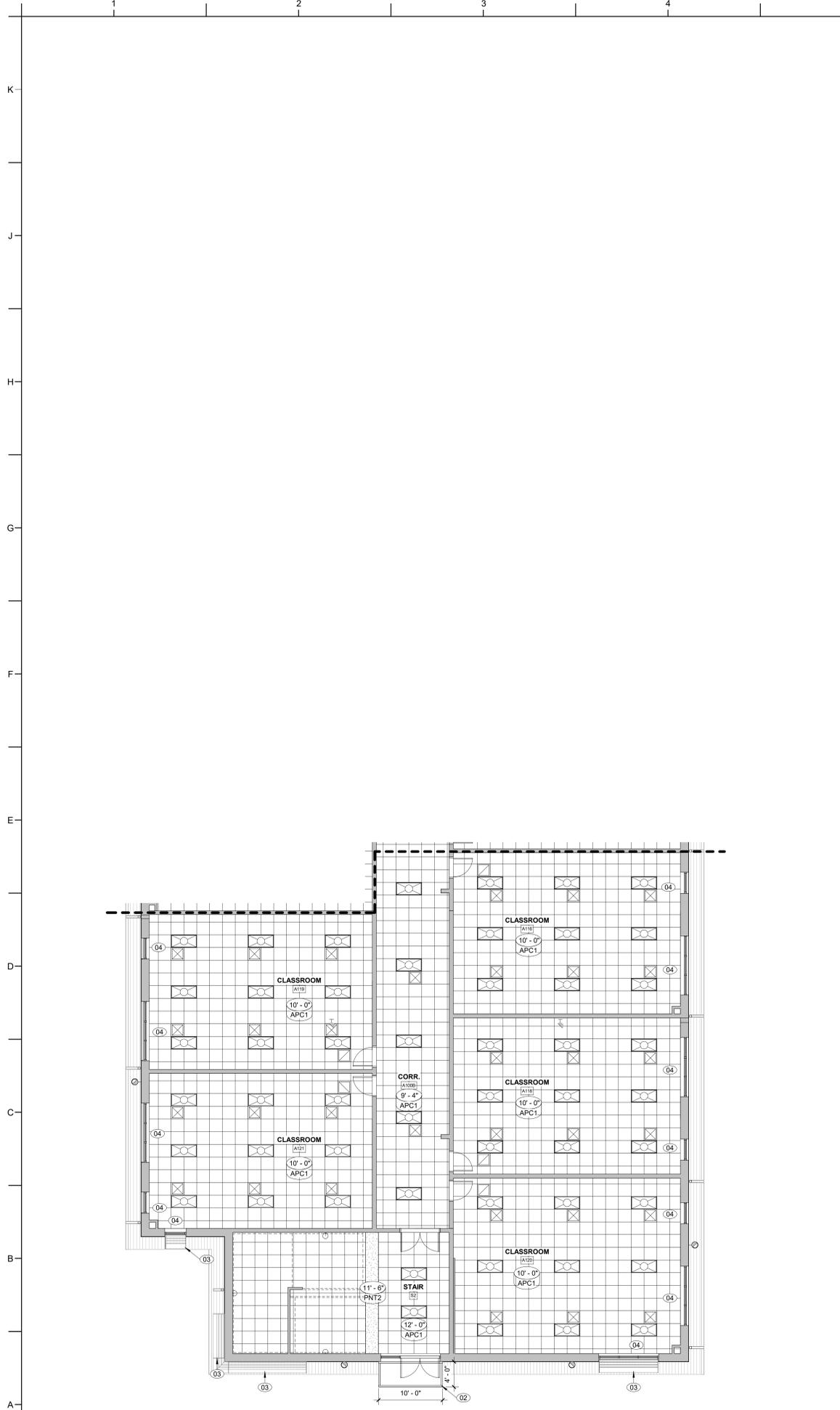
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BID DOCUMENTS
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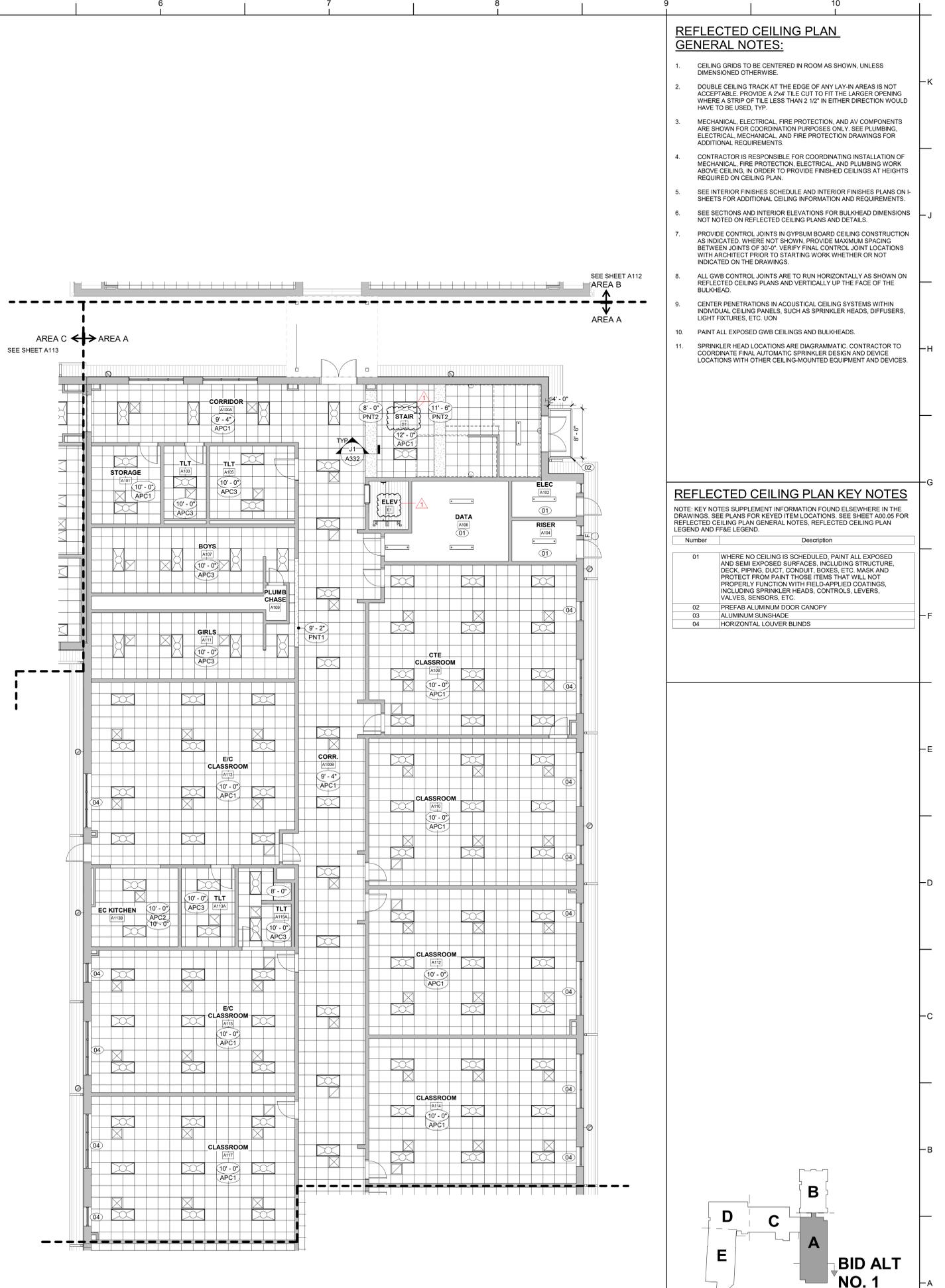
SHEET TITLE

FIRST FLOOR RCP -
AREA A - BID ALT NO. 1

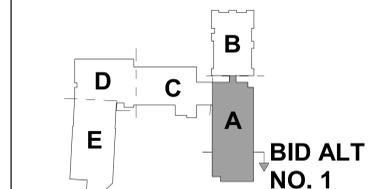
A111



A1 FIRST FLOOR ALT RCP - AREA A2 - BID ALT NO. 1
1/8" = 1'-0"



A5 FIRST FLOOR ALT RCP - AREA A1 - BID ALT NO. 1
1/8" = 1'-0"



KEY PLAN - 1ST FLOOR ALT
NTS

**REFLECTED CEILING PLAN
 GENERAL NOTES:**

1. CEILING GRIDS TO BE CENTERED IN ROOM AS SHOWN, UNLESS DIMENSIONED OTHERWISE.
2. DOUBLE CEILING TRACK AT THE EDGE OF ANY LAY-IN AREAS IS NOT ACCEPTABLE. PROVIDE A 2x4" TILE CUT TO FIT THE LARGER OPENING WHERE A STRIP OF TILE LESS THAN 2 1/2" IN EITHER DIRECTION WOULD HAVE TO BE USED, TYP.
3. MECHANICAL, ELECTRICAL, FIRE PROTECTION, AND AV COMPONENTS ARE SHOWN FOR COORDINATION PURPOSES ONLY. SEE PLUMBING, ELECTRICAL, MECHANICAL, AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL REQUIREMENTS.
4. CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF MECHANICAL, FIRE PROTECTION, ELECTRICAL, AND PLUMBING WORK ABOVE CEILING, IN ORDER TO PROVIDE FINISHED CEILINGS AT HEIGHTS REQUIRED ON CEILING PLAN.
5. SEE INTERIOR FINISHES SCHEDULE AND INTERIOR FINISHES PLANS ON I-SHEETS FOR ADDITIONAL CEILING INFORMATION AND REQUIREMENTS.
6. SEE SECTIONS AND INTERIOR ELEVATIONS FOR BULKHEAD DIMENSIONS NOT NOTED ON REFLECTED CEILING PLANS AND DETAILS.
7. PROVIDE CONTROL JOINTS IN GYPSUM BOARD CEILING CONSTRUCTION AS INDICATED. WHERE NOT SHOWN, PROVIDE MAXIMUM SPACING BETWEEN JOINTS OF 30'-0". VERIFY FINAL CONTROL JOINT LOCATIONS WITH ARCHITECT PRIOR TO STARTING WORK WHETHER OR NOT INDICATED ON THE DRAWINGS.
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REFLECTED CEILING PLAN KEY NOTES

NOTE: KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE PLANS FOR KEYED ITEM LOCATIONS. SEE SHEET A00.05 FOR REFLECTED CEILING PLAN GENERAL NOTES, REFLECTED CEILING PLAN LEGEND AND FF&E LEGEND.

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02	PREFAB ALUMINUM DOOR CANOPY
03	ALUMINUM SUNSHADE
04	HORIZONTAL LOUVER BLINDS

SEALS



DKA JOB NUMBER

2401

REVISIONS

1	ADDENDUM #1	2/3/2025

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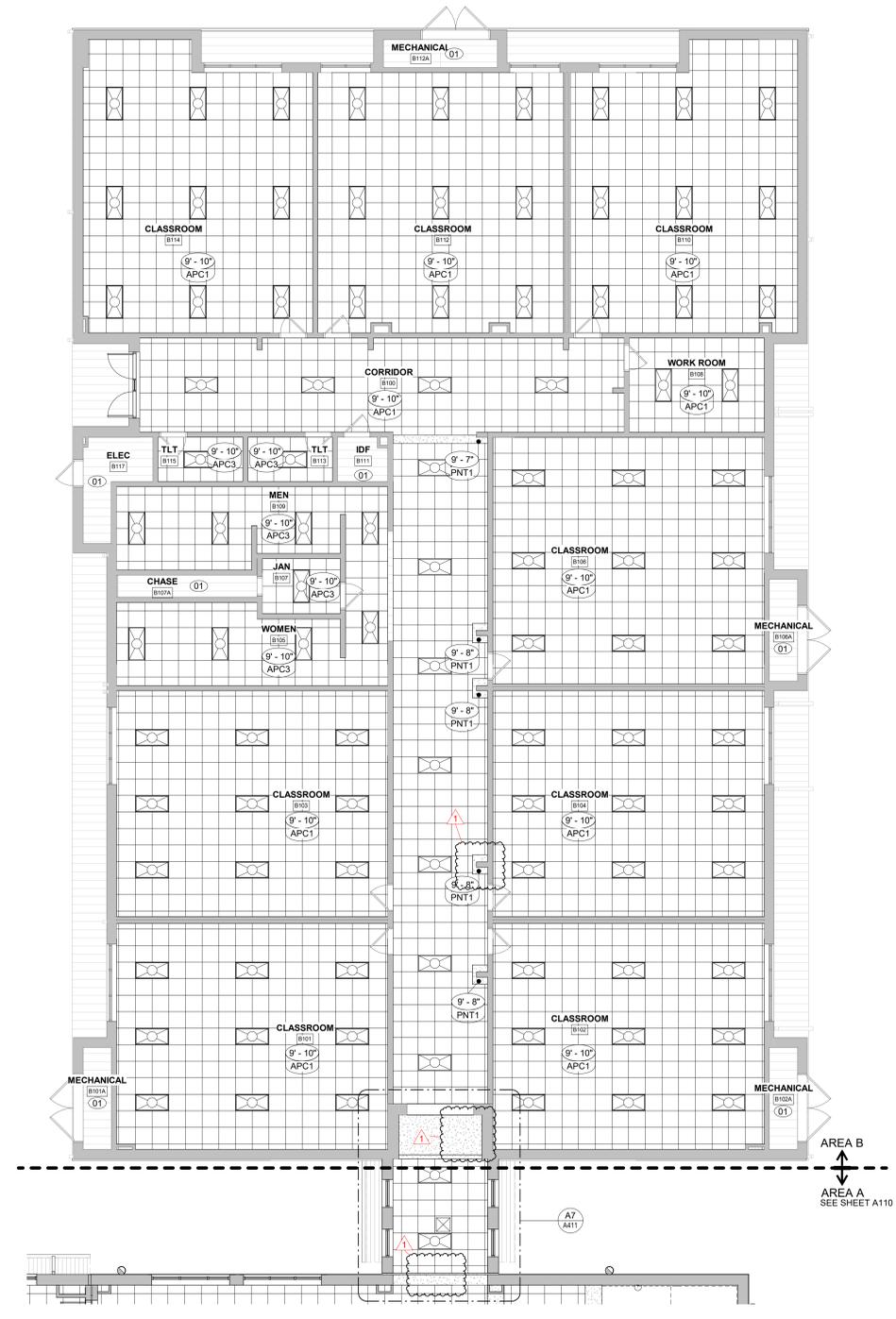
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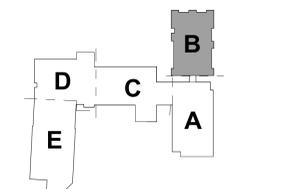
SHEET TITLE

FIRST FLOOR RCP -
 AREA B - BID ALT NO.
 2

A112



A5 FIRST FLOOR RCP - AREA B - BID ALT NO. 2
 1/8" = 1'-0"



KEY PLAN-1ST FLOOR
 NTS



DAVIS KANE ARCHITECTS, P.A.

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S., Goldsboro, NC 27530

REFLECTED CEILING PLAN GENERAL NOTES:

1. CEILING GRIDS TO BE CENTERED IN ROOM AS SHOWN, UNLESS DIMENSIONED OTHERWISE.
2. DOUBLE CEILING TRACK AT THE EDGE OF ANY LAY-IN AREAS IS NOT ACCEPTABLE. PROVIDE A 2x4" TILE CUT TO FIT THE LARGER OPENING WHERE A STRIP OF TILE LESS THAN 2 1/2" IN EITHER DIRECTION WOULD HAVE TO BE USED, TYP.
3. MECHANICAL, ELECTRICAL, FIRE PROTECTION, AND AV COMPONENTS ARE SHOWN FOR COORDINATION PURPOSES ONLY. SEE PLUMBING, ELECTRICAL, MECHANICAL, AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL REQUIREMENTS.
4. CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF MECHANICAL, FIRE PROTECTION, ELECTRICAL, AND PLUMBING WORK ABOVE CEILING, IN ORDER TO PROVIDE FINISHED CEILINGS AT HEIGHTS REQUIRED ON CEILING PLAN.
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6. SEE SECTIONS AND INTERIOR ELEVATIONS FOR BULKHEAD DIMENSIONS NOT NOTED ON REFLECTED CEILING PLANS AND DETAILS.
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REFLECTED CEILING PLAN KEY NOTES

NOTE: KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE PLANS FOR KEYED ITEM LOCATIONS. SEE SHEET A00.05 FOR REFLECTED CEILING PLAN GENERAL NOTES, REFLECTED CEILING PLAN LEGEND AND FF&E LEGEND.

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02	PREFAB ALUMINUM DOOR CANOPY
03	ALUMINUM SUNSHADE
04	HORIZONTAL LOUVER BLINDS

SEALS



DKA JOB NUMBER

2401

REVISIONS

1 ADDENDUM #1 2/3/2025

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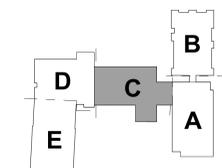
BID DOCUMENTS
01/10/2025

SHEET TITLE
FIRST FLOOR RCP - AREA C

A113



A2 FIRST FLOOR RCP - AREA C
1/8" = 1'-0"



KEY PLAN-1ST FLOOR
NTS

1	ADDENDUM #1	2/3/2025

REFLECTED CEILING PLAN

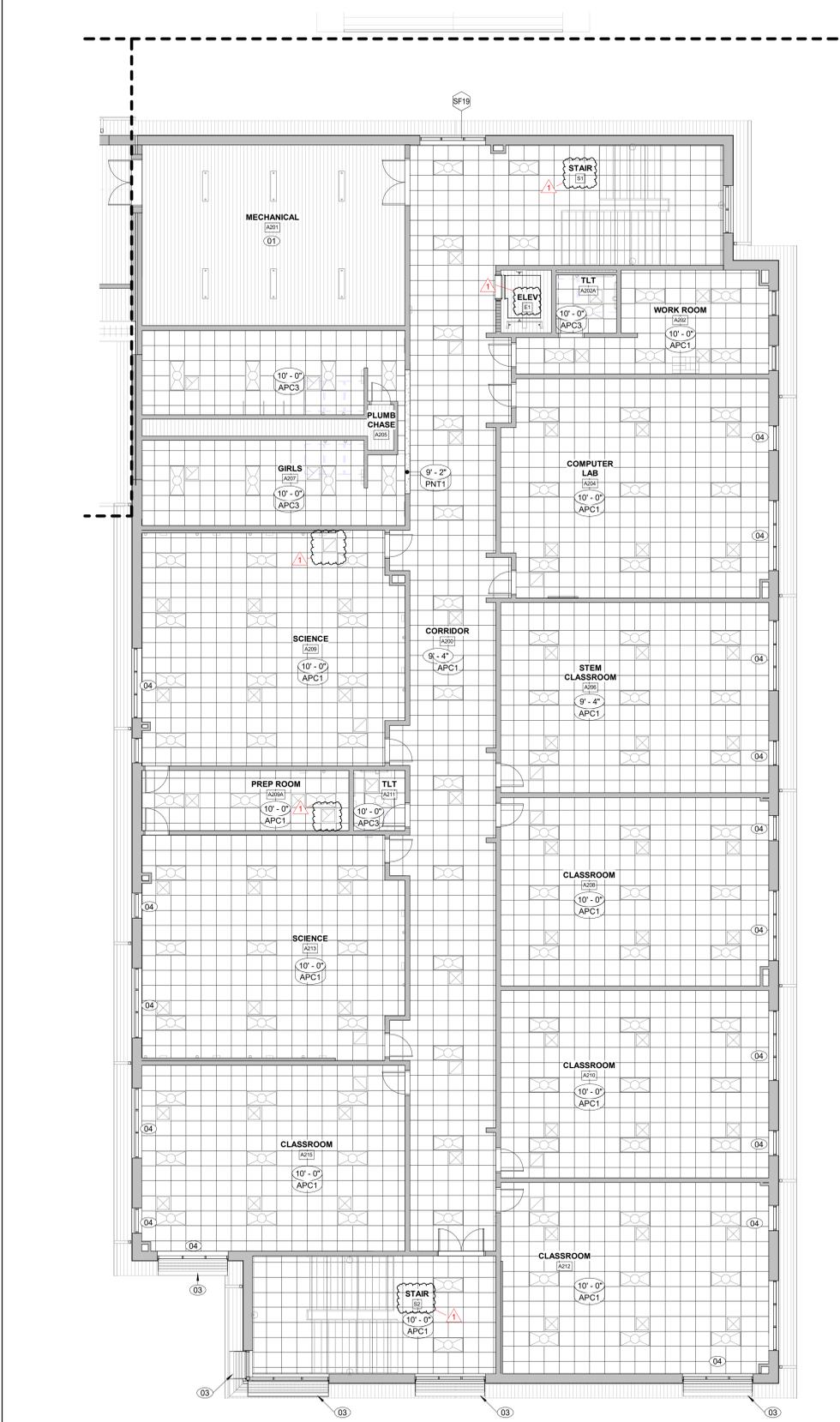
GENERAL NOTES:

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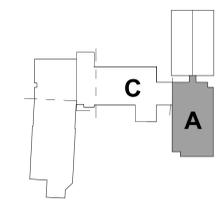
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NOTE: KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE PLANS FOR KEYED ITEM LOCATIONS. SEE SHEET A00.05 FOR REFLECTED CEILING PLAN GENERAL NOTES, REFLECTED CEILING PLAN LEGEND AND FF&E LEGEND.

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02	PREFAB ALUMINUM DOOR CANOPY
03	ALUMINUM SUNSHADE
04	HORIZONTAL LOUVER BLINDS



A5 SECOND FLOOR RCP - AREA A
1/8" = 1'-0"



KEY PLAN - 2ND FLOOR
NTS



DAVIS KANE ARCHITECTS, P.A.

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S., Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

1 ADDENDUM #1 2/3/2025

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BID DOCUMENTS
01/10/2025

SHEET TITLE
SECOND FLOOR RCP
- AREA A - BID ALT
NO. 1

A117

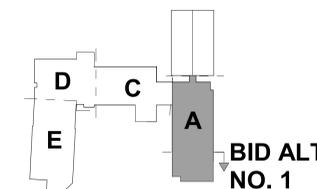
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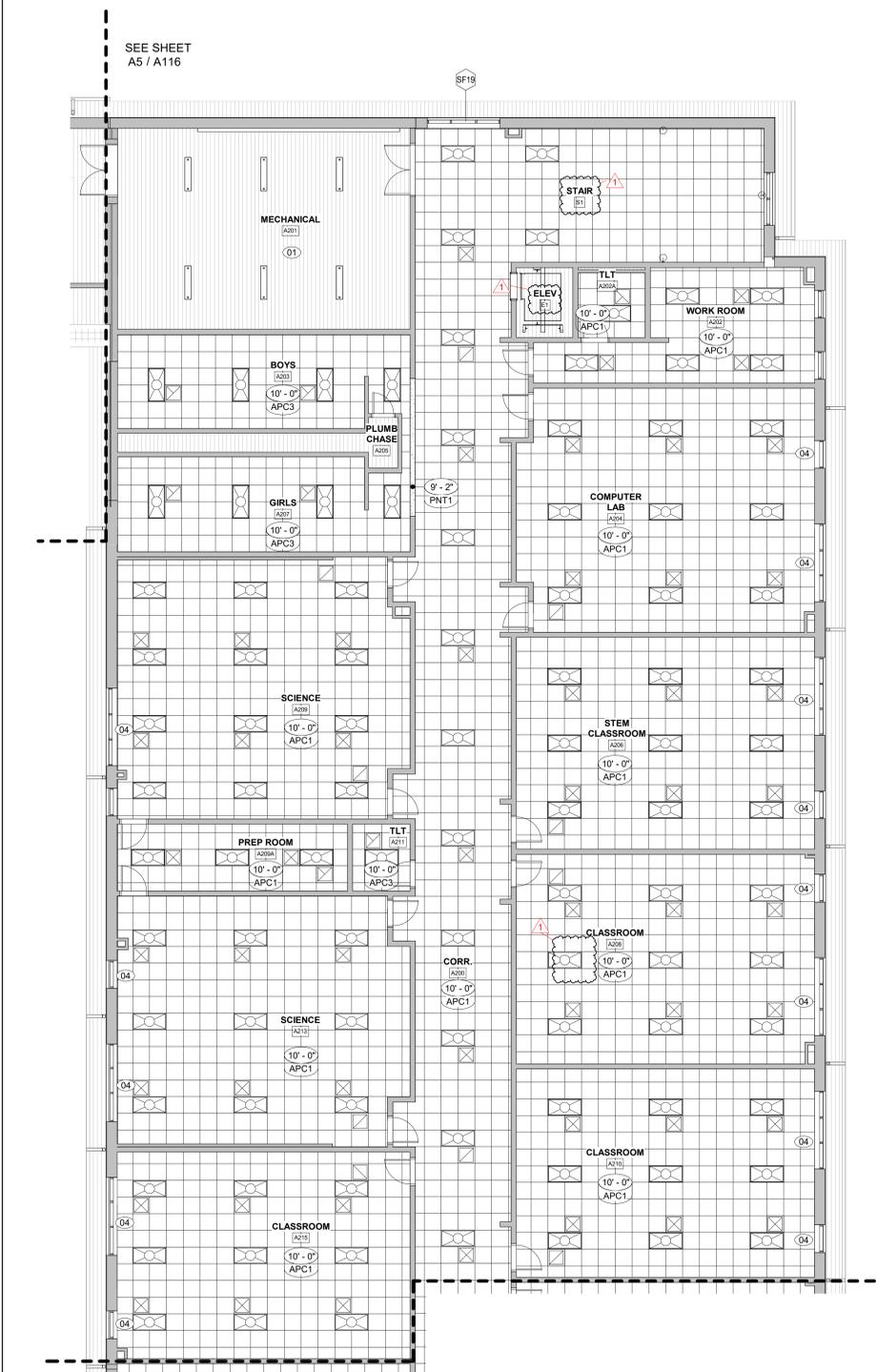
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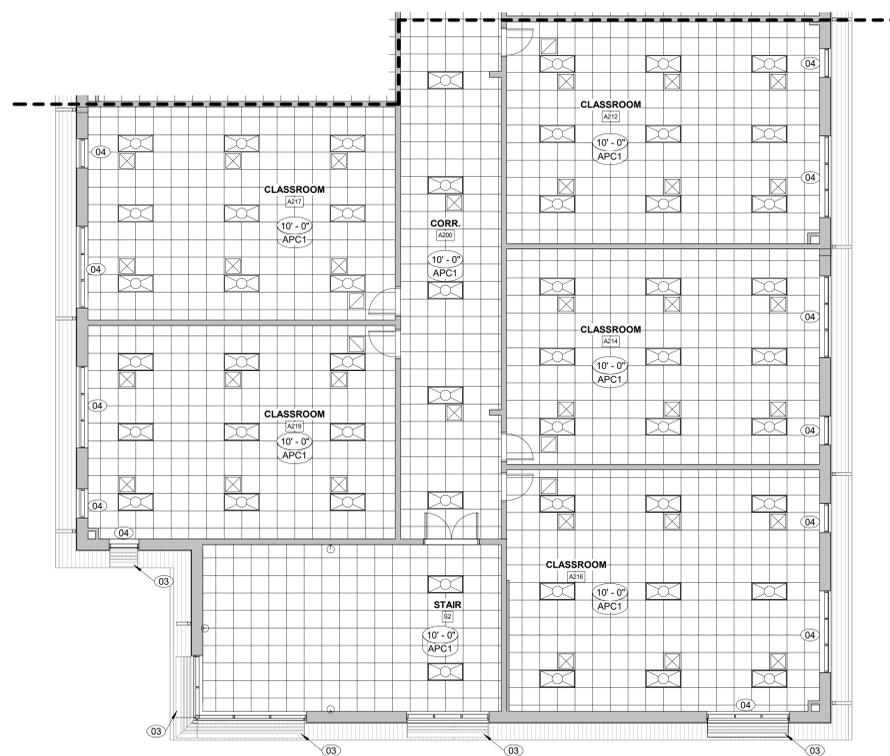
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04	HORIZONTAL LOUVER BLINDS



KEY PLAN - 2ND FLOOR
NTS

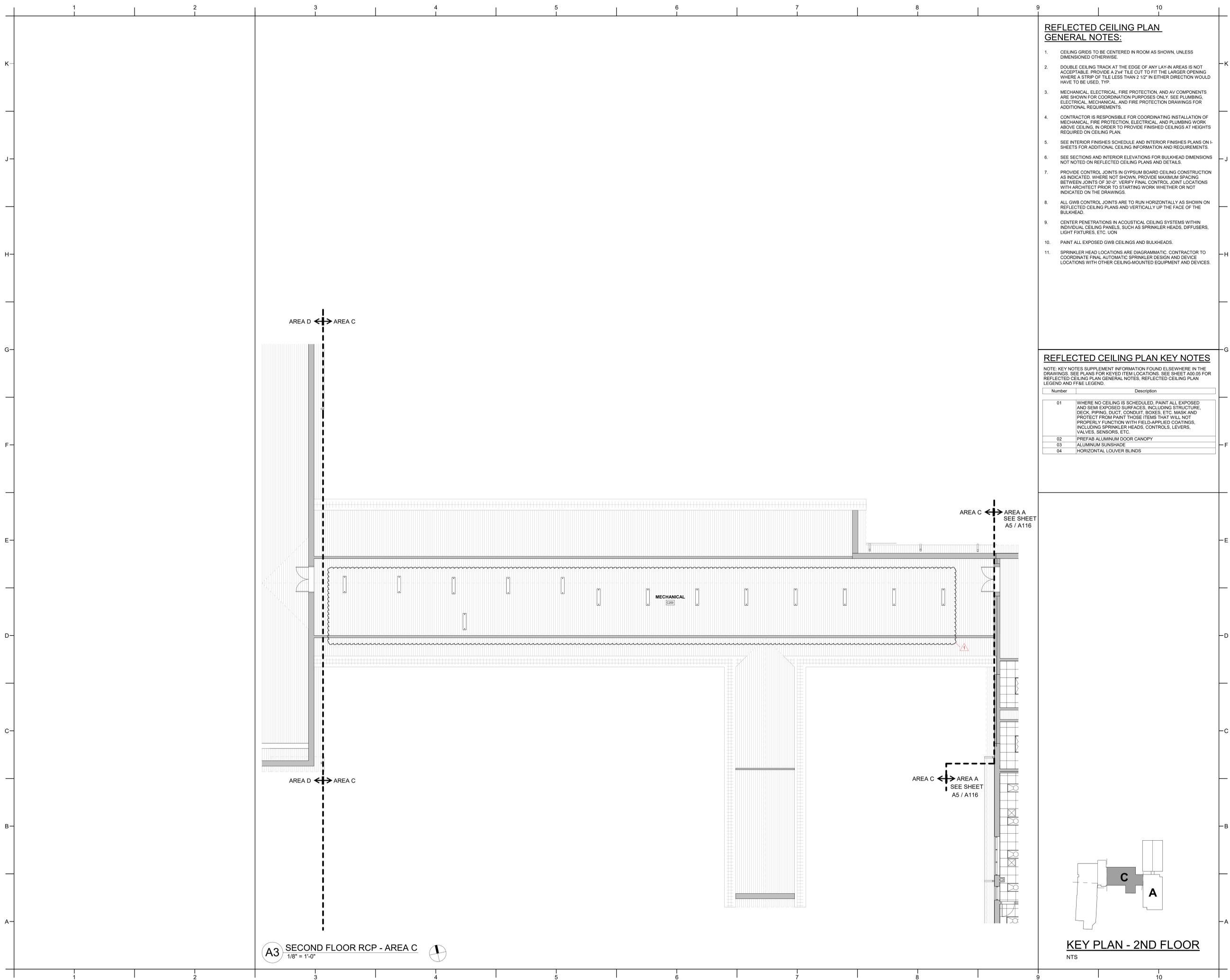


A5 SECOND FLOOR RCP - AREA A1 - BID ALT NO. 1
1/8" = 1'-0"



A1 SECOND FLOOR RCP - AREA A2 - BID ALT NO. 1
1/8" = 1'-0"

SEE SHEET
A5 / A116



A3 SECOND FLOOR RCP - AREA C
1/8" = 1'-0"

REFLECTED CEILING PLAN
GENERAL NOTES:

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PROJECT INFORMATION

**ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION**
WAYNE COUNTY PUBLIC SCHOOLS
541 North Carolina 581 S., Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM #1	2/3/2025

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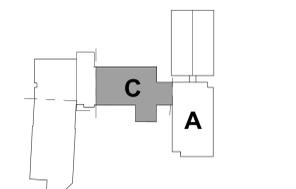
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BID DOCUMENTS
01/10/2025

SHEET TITLE
SECOND FLOOR RCP
- AREA C

A118



KEY PLAN - 2ND FLOOR
NTS



DAVIS KANE ARCHITECTS, P.A.

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
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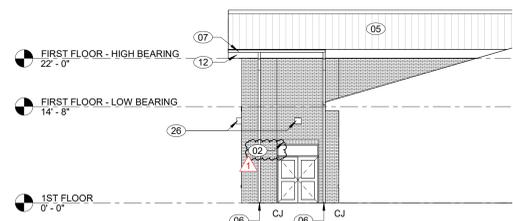
EXTERIOR ELEVATION GENERAL NOTES:

- FOR SYMBOLS LEGEND, SEE A000.
- PROVIDE CONTROL JOINTS (CJ) IN MASONRY CONSTRUCTION AS INDICATED.
- PROVIDE CONTROL JOINTS (CJ) AT ALL INSIDE CORNERS.
- VERIFY FINAL CONTROL JOINT (CJ) LOCATIONS WITH ARCHITECT PRIOR TO STARTING WORK.
- AIR BARRIER AND ASSOCIATED FLASHING SHALL BE CONTINUOUS AND UNBROKEN AT ALL SURFACES OF WALL MEMBRANE TO BE FLASHED TO ALL OTHER COMPONENTS AND ASSEMBLIES TO PROVIDE AIR-TIGHT CONDITION.

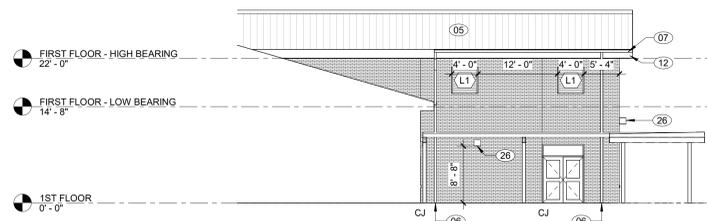
EXTERIOR ELEVATIONS KEY NOTES

NOTE: SEE ELEVATIONS FOR KEVED ITEM LOCATIONS. KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS.

- | | |
|----|--|
| 01 | ROWLOCK COURSE |
| 02 | SINGLE SOLDIER COURSE |
| 03 | DOUBLE SOLDIER COURSE |
| 05 | STANDING SEAM METAL ROOF |
| 06 | DOWNSPOUT |
| 07 | GUTTER |
| 09 | ALUMINUM DIMENSIONAL LETTERING SIGNAGE |
| 10 | EXISTING STANDING SEAM METAL ROOF. RE-COAT WITH NEW FINISH FOR BASE BID. |
| 11 | LOWERED METAL SCREEN WALL |
| 12 | METAL FASCIA - COLOR TO MATCH STANDING SEAM ROOF |
| 13 | PREFABRICATED METAL CANOPY WITH INTERNAL DRAINAGE COLUMN SYSTEM |
| 14 | EXTERIOR EXPANSION JOINT COMPRESSION SEAL |
| 16 | LOUVER SCREEN WALL ON BRICK ON CMU BASE |
| 17 | EXISTING MECHANICAL UNIT AND EXTERIOR DUCT WORK TO REMAIN |
| 18 | NEW ALUMINUM STOREFRONT - FINAL DIMENSIONS TO BE FIELD VERIFIED WITH EXISTING OPENING. |
| 19 | EXISTING EIFS TO BE CLEANED. |
| 20 | EXISTING BRICK TO BE CLEANED. |
| 21 | NEW PREFABRICATED ALUMINUM CANOPY |
| 22 | NEW METAL PANEL INFILL. SEE DETAIL F7/A320 |
| 23 | WALK-IN FREEZER CONDENSING UNIT |
| 24 | BRICK AND CMU INFILL. TOOTHED IN TO MATCH EXISTING. |
| 25 | DOCK BUMPERS |
| 26 | EXTERIOR LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS |
| 27 | GRAVITY ROOF VENTILATOR. REF TO MECHANICAL |
| 28 | EXISTING METAL WALL PANELS. RE-COAT WITH NEW FINISH AROUND FULL PERIMETER OF AREA B FOR BASE BID. |
| 29 | DEMOLISH METAL WALL PANEL AROUND FULL PERIMETER OF AREA B DOWN TO SHEATHING. NEW METAL WALL PANEL SYSTEM FOR BID. ALT NO. 3. |
| 30 | DEMOLISH ROOF DOWN TO ROOF DECK. NEW STANDING SEAM METAL ROOF SYSTEM FOR BID. ALT NO. 3. |
| 31 | EXISTING GUTTER. NEW COLOR RECOATING IN BASE BID. |
| 32 | DEMOLISH EXISTING GUTTER. REPLACE WITH NEW GUTTER FOR BID. ALT NO. 3. |
| 33 | EXISTING DOWNSPOUT. RE-COAT WITH NEW FINISH FOR BASE BID. |
| 34 | DEMOLISH DOWNSPOUT. NEW DOWNSPOUT FOR BID. ALT NO. 3. |
| 35 | VINYL CHARACTERS ON GLASS |
| 36 | EXISTING CANOPY TO REMAIN. NEW PAINT ON METAL ROOF PANEL, WOOD, AND STEEL COLUMNS. |



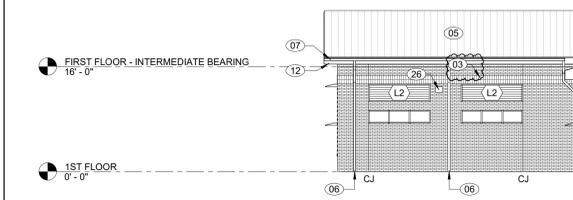
J2 WEST ELEVATION - AREA D
3/32" = 1'-0"



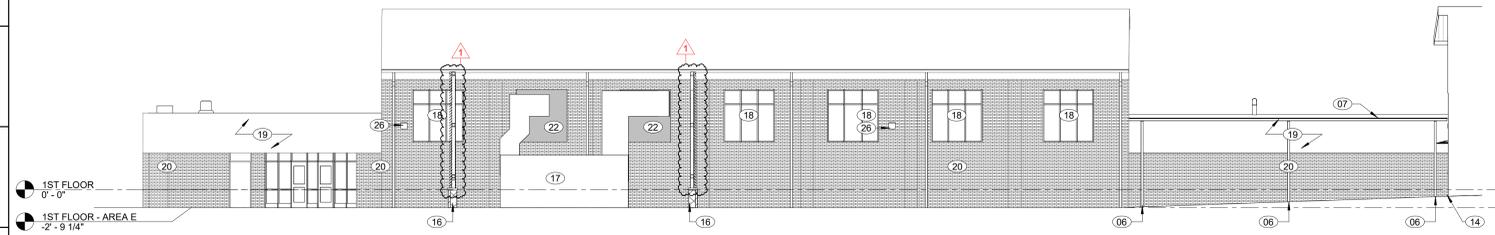
J4 EAST ELEVATION - AREA D
3/32" = 1'-0"



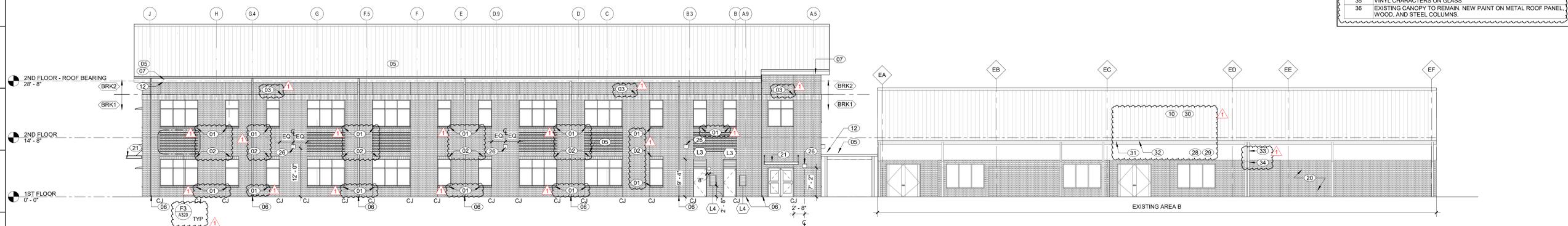
J7 WEST ELEVATION - AREA C
3/32" = 1'-0"



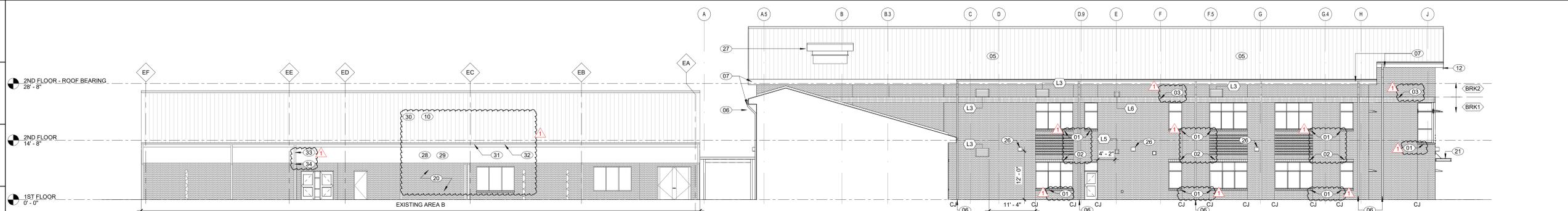
G7 EAST ELEVATION - AREA C
3/32" = 1'-0"



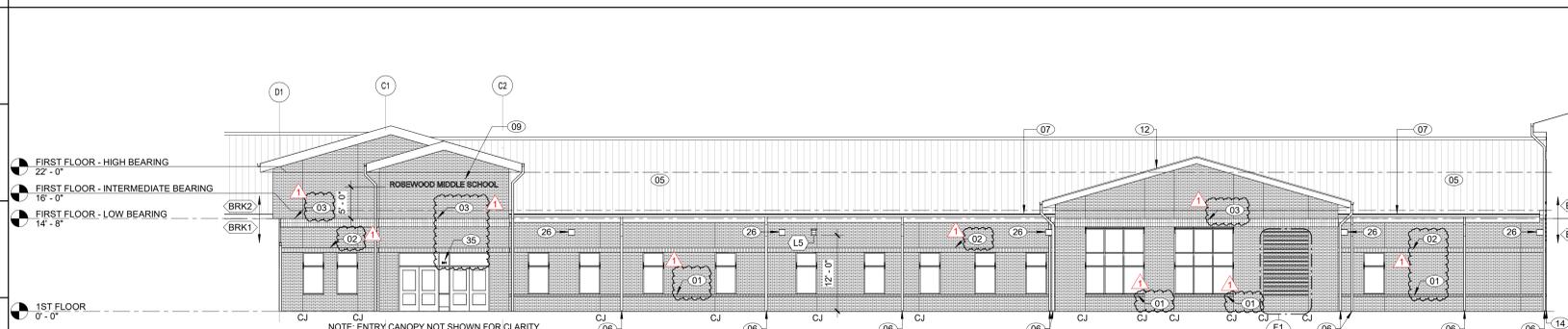
G1 EAST ELEVATION - AREA E
3/32" = 1'-0"



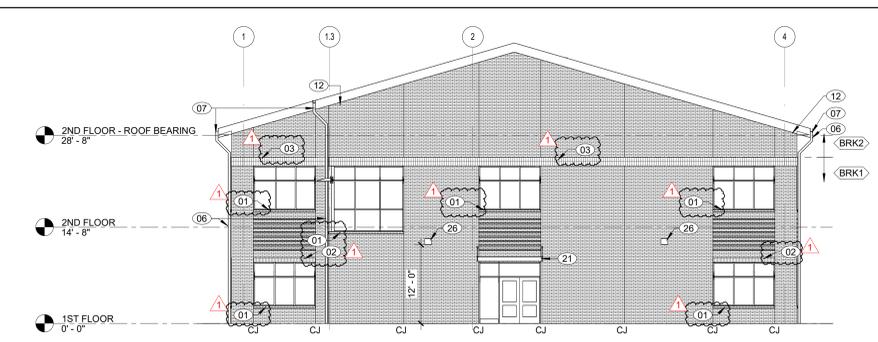
E1 EAST ELEVATION - AREA A & B
3/32" = 1'-0"



C1 WEST ELEVATION - AREA A & B
3/32" = 1'-0"



A1 SOUTH ELEVATION - AREA C & D
3/32" = 1'-0"



A7 SOUTH ELEVATION - AREA A
3/32" = 1'-0"

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BID DOCUMENTS

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SHEET TITLE
BUILDING
ELEVATIONS

A201



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ROSEWOOD MIDDLE SCHOOL
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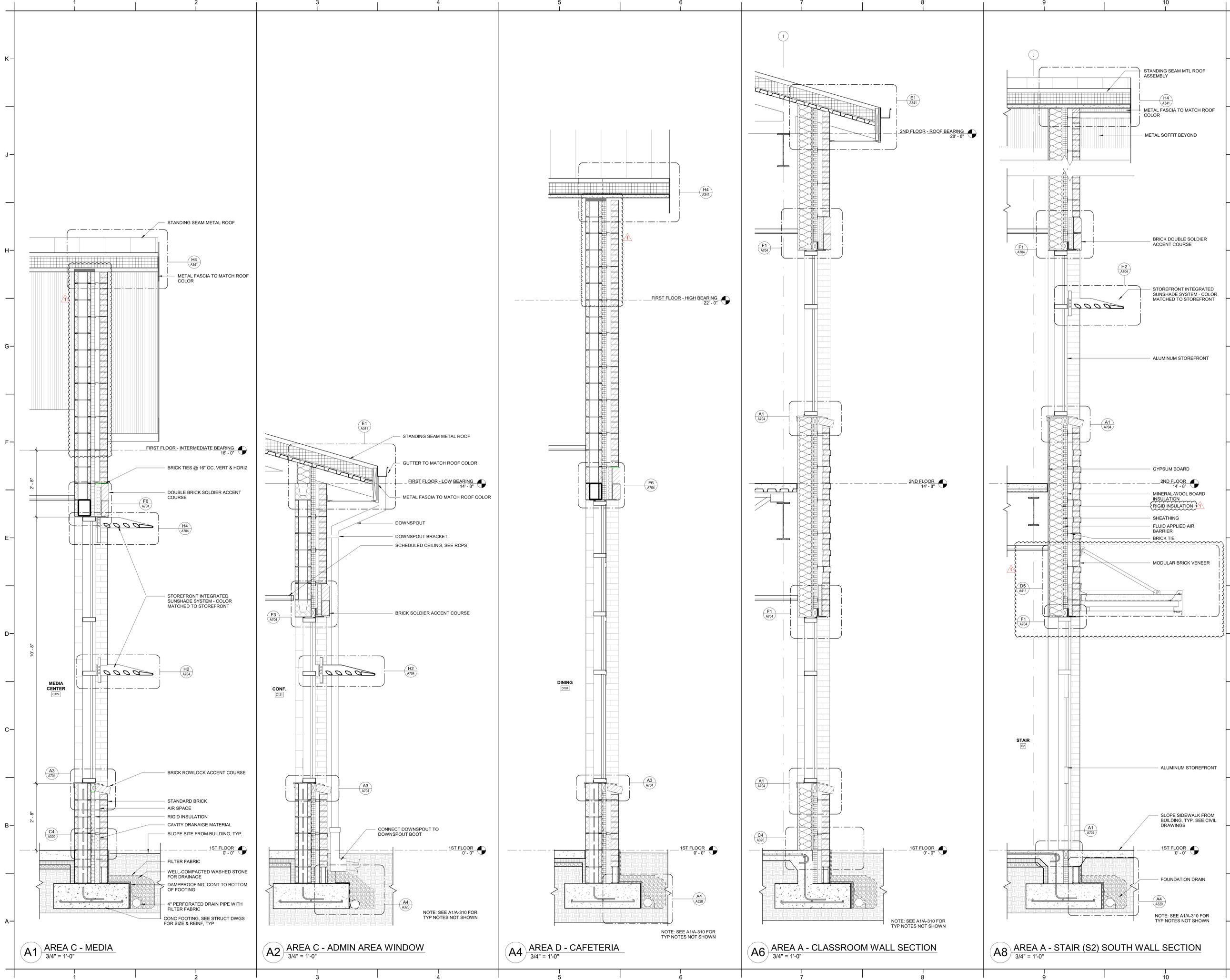
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SHEET TITLE
WALL SECTIONS

A310



A1 AREA C - MEDIA
3/4" = 1'-0"

A2 AREA C - ADMIN AREA WINDOW
3/4" = 1'-0"

A4 AREA D - CAFETERIA
3/4" = 1'-0"

A6 AREA A - CLASSROOM WALL SECTION
3/4" = 1'-0"

A8 AREA A - STAIR (S2) SOUTH WALL SECTION
3/4" = 1'-0"



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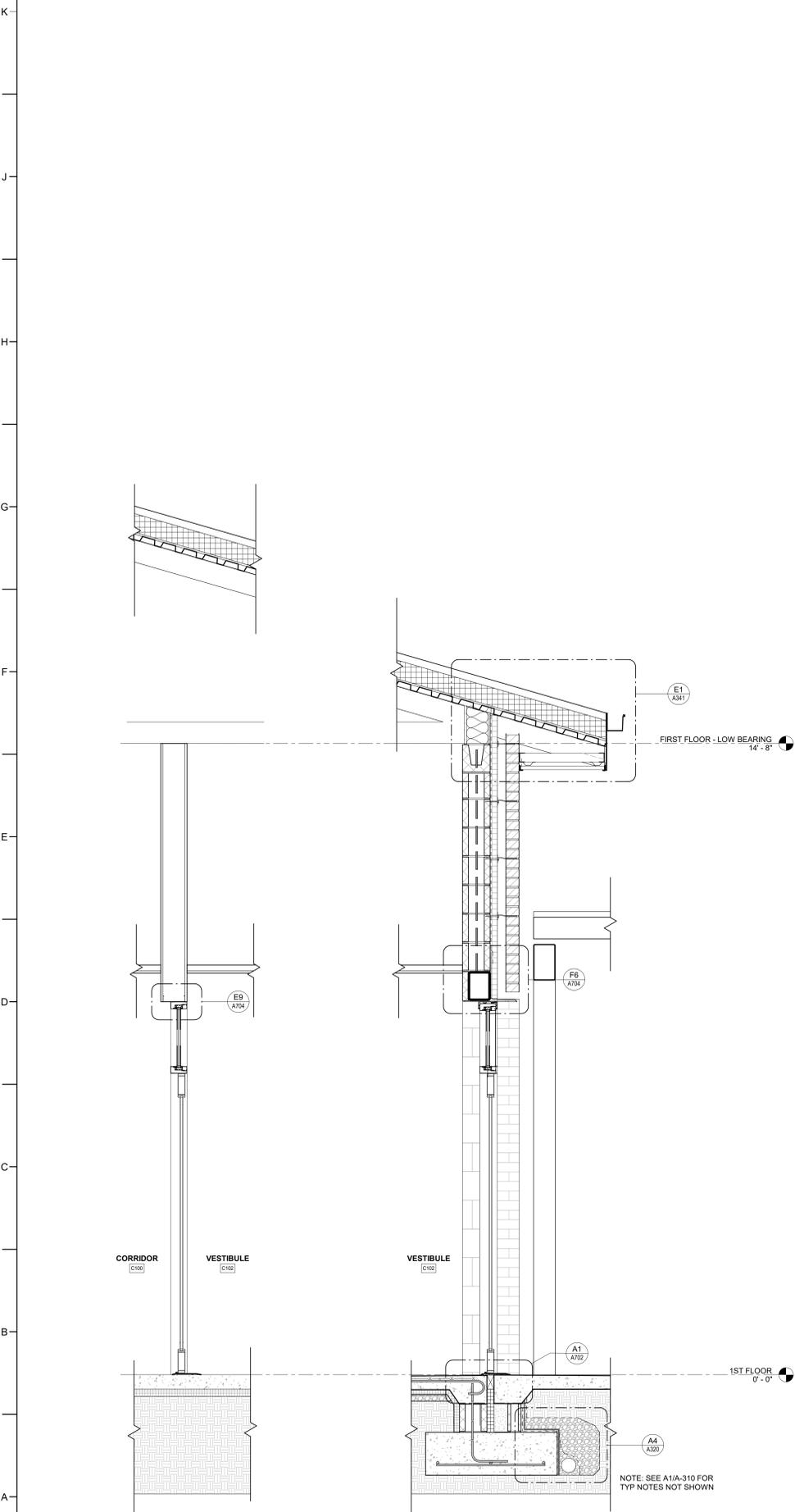
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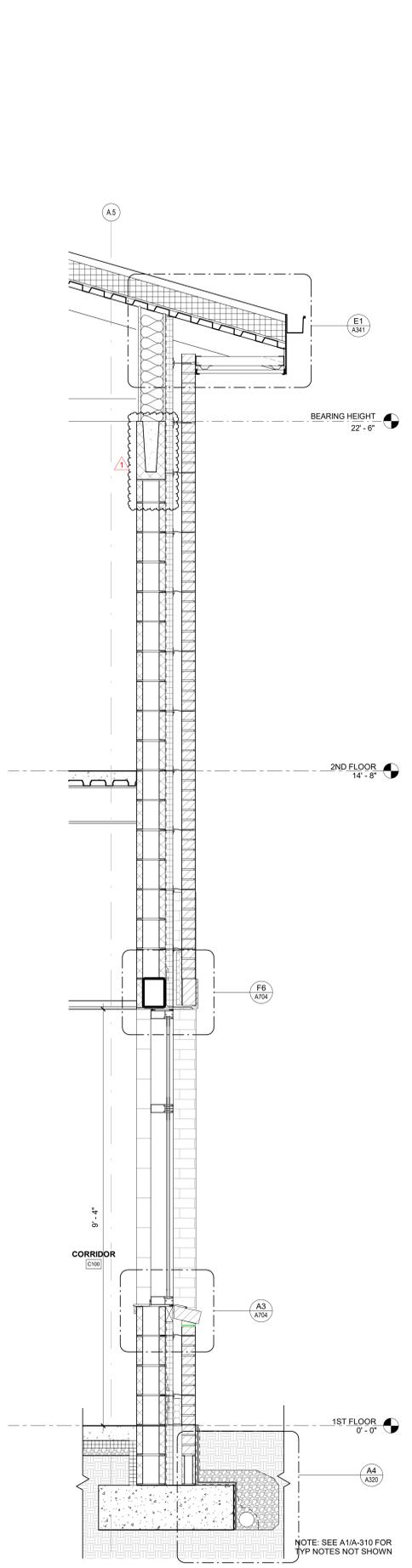
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WALL SECTIONS

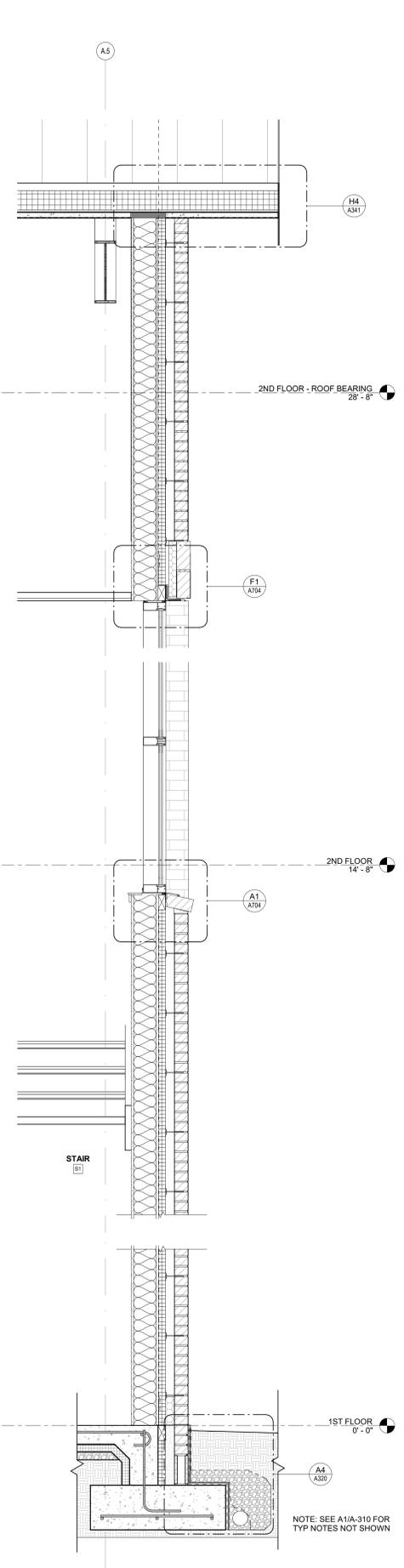
A311



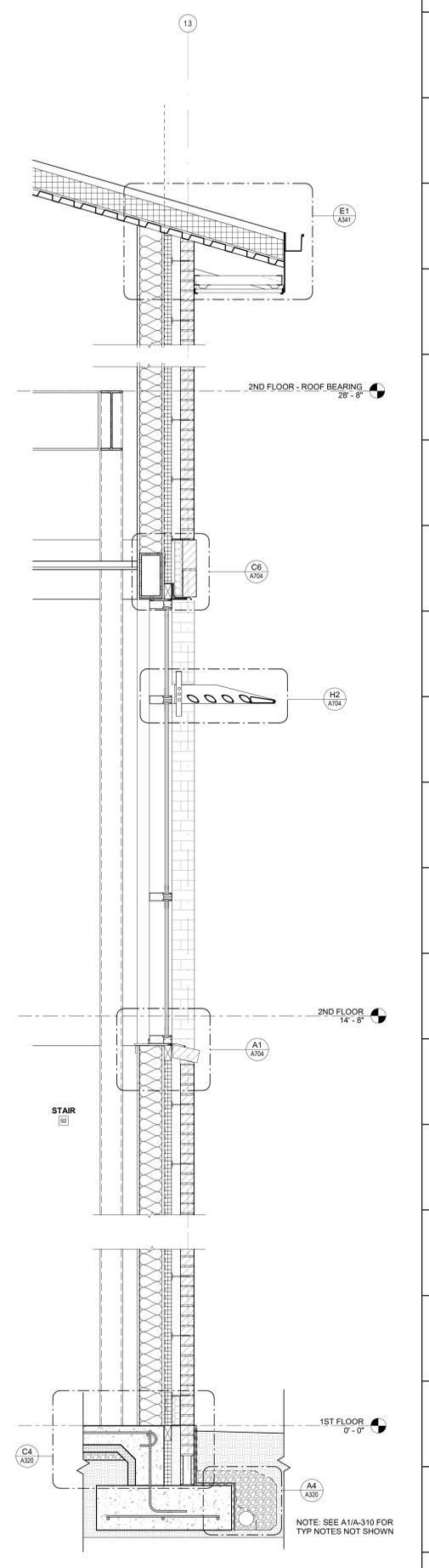
A1 AREA C - CARPOOL ENTRY
3/4" = 1'-0"



A5 AREA C - WALL SECTION
3/4" = 1'-0"



A7 AREA A - STAIR (S1) NORTH WALL SECTION
3/4" = 1'-0"



A9 AREA A - STAIR (S2) WEST WALL SECTION
3/4" = 1'-0"



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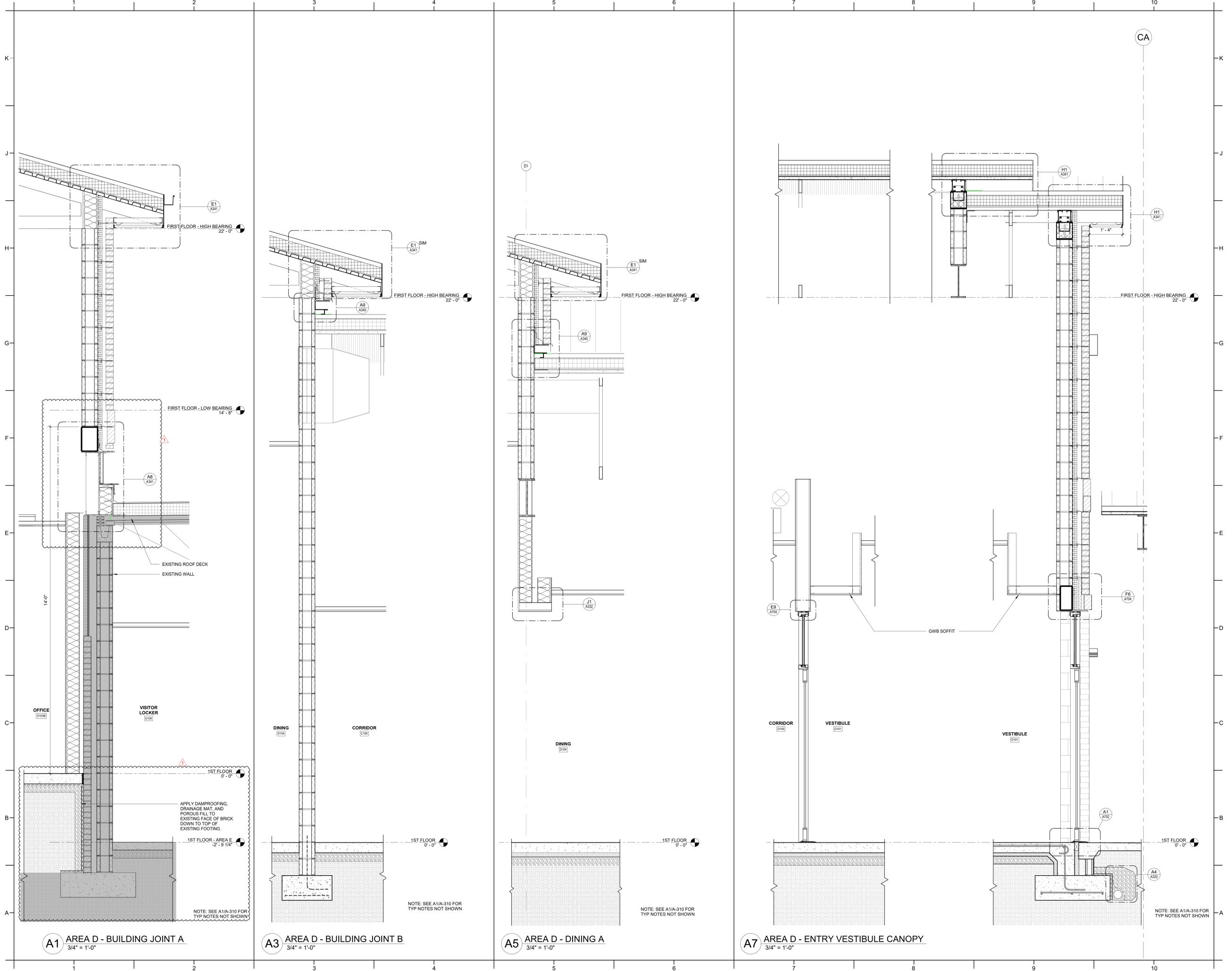
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SHEET TITLE
WALL SECTIONS

A312



A1 AREA D - BUILDING JOINT A
3/4" = 1'-0"

A3 AREA D - BUILDING JOINT B
3/4" = 1'-0"

A5 AREA D - DINING A
3/4" = 1'-0"

A7 AREA D - ENTRY VESTIBULE CANOPY
3/4" = 1'-0"



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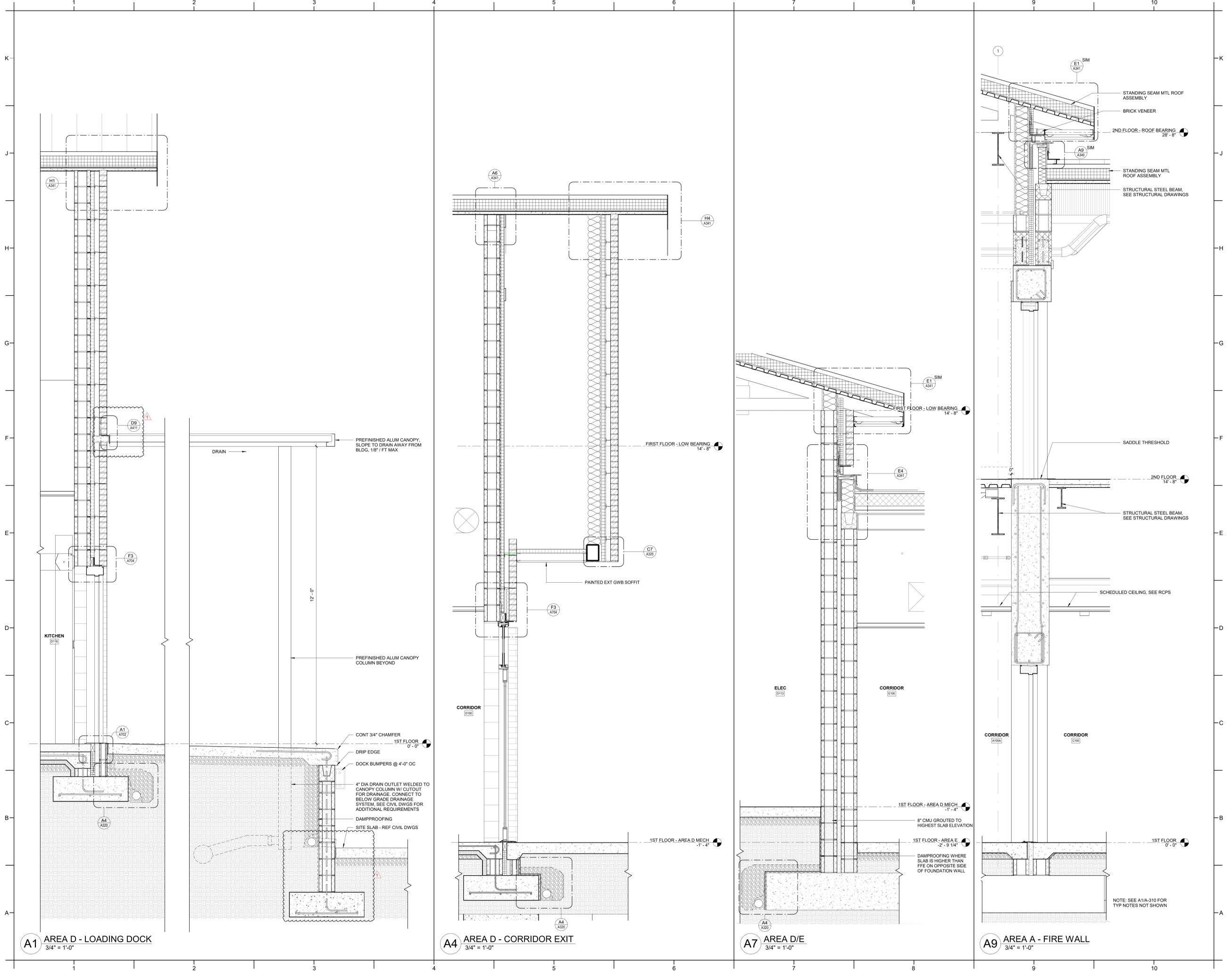
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SHEET TITLE
WALL SECTIONS

A313



A1 AREA D - LOADING DOCK
3/4" = 1'-0"

A4 AREA D - CORRIDOR EXIT
3/4" = 1'-0"

A7 AREA D/E
3/4" = 1'-0"

A9 AREA A - FIRE WALL
3/4" = 1'-0"



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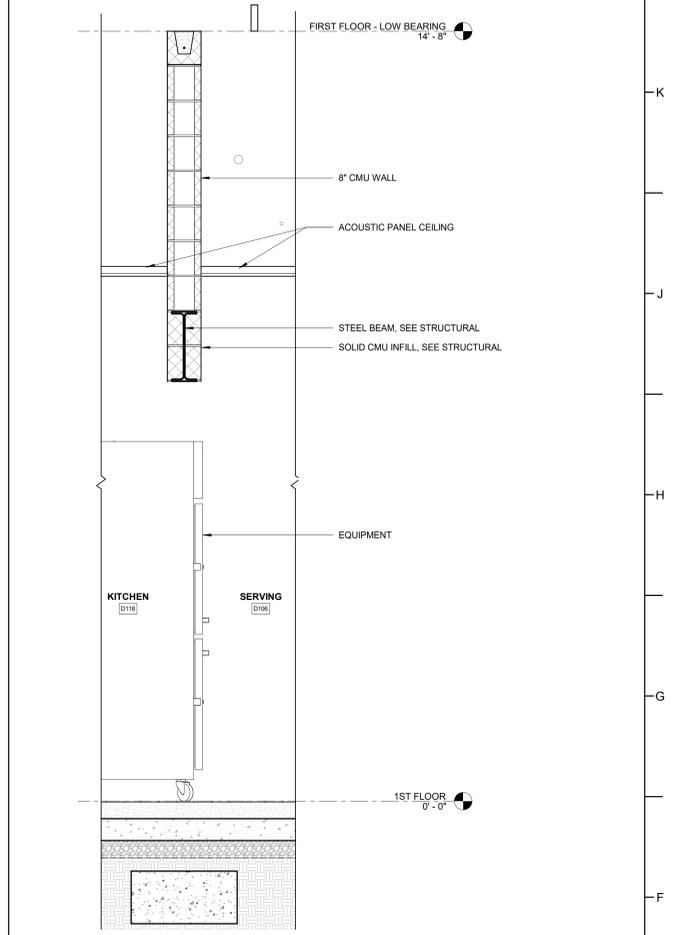
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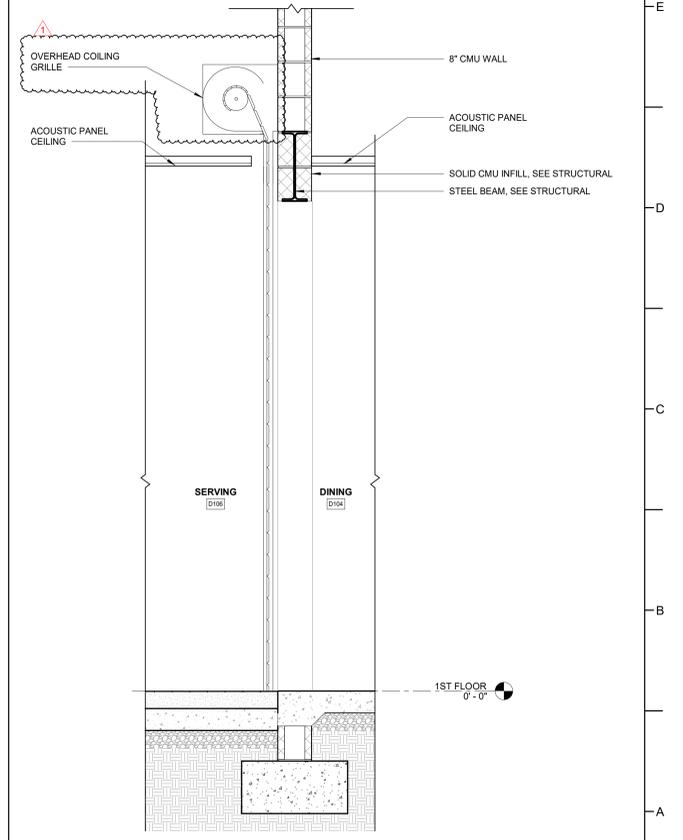
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WALL SECTIONS

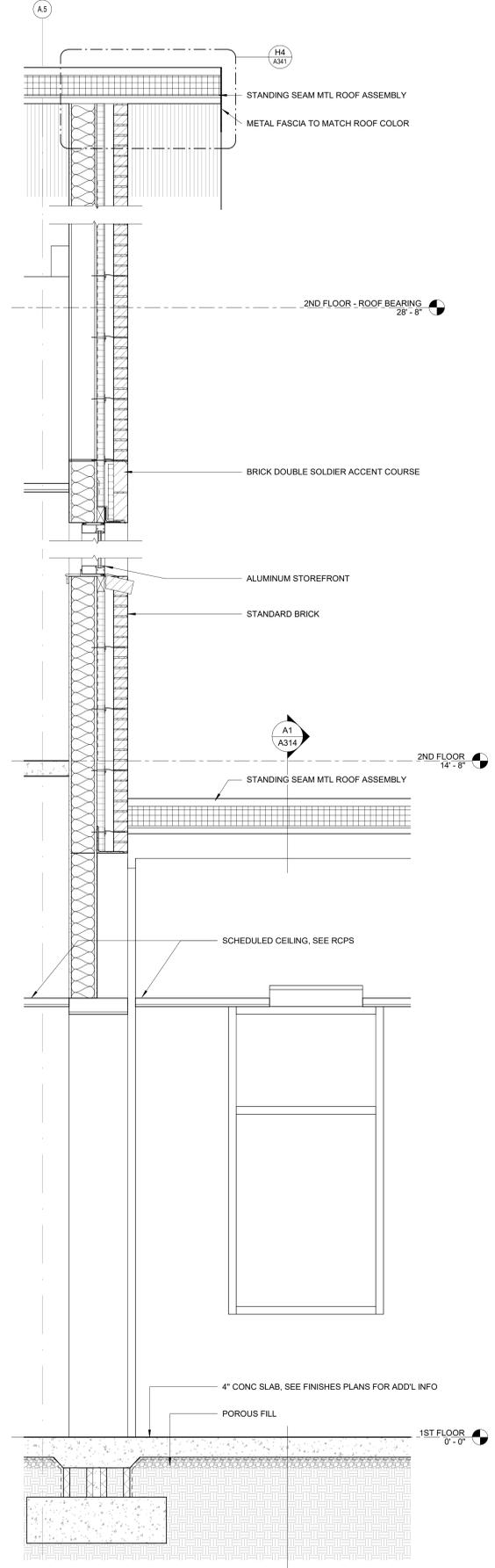
A314



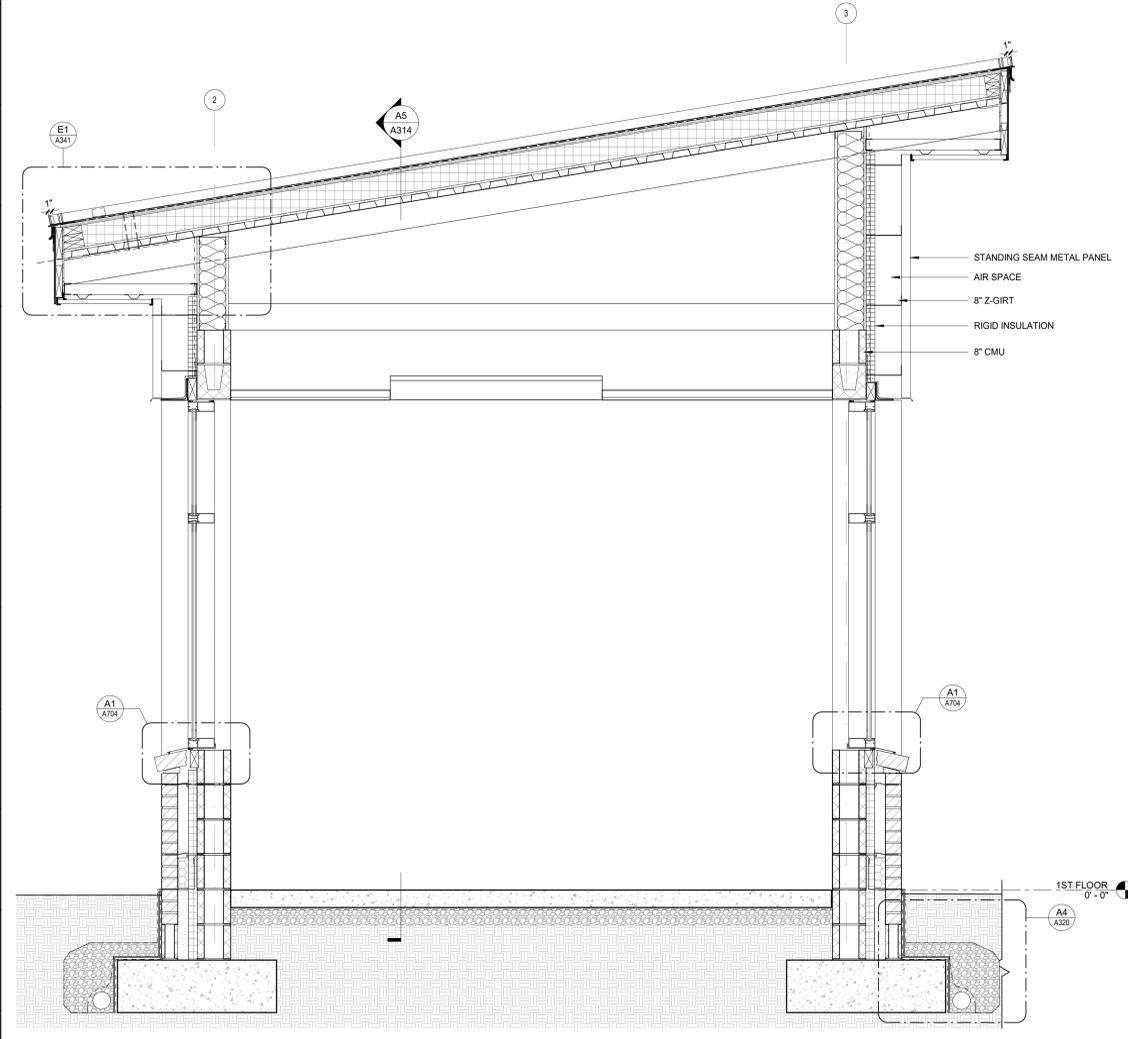
F8 AREA D - PASS-THROUGH EQUIPMENT
3/4" = 1'-0"



A8 AREA D - OVERHEAD COILING GRILLE
3/4" = 1'-0"



A5 ALT - AREA B - CONNECTION
3/4" = 1'-0"



A1 ALT - AREA A - CONNECTOR LOW - ALT 2
3/4" = 1'-0"



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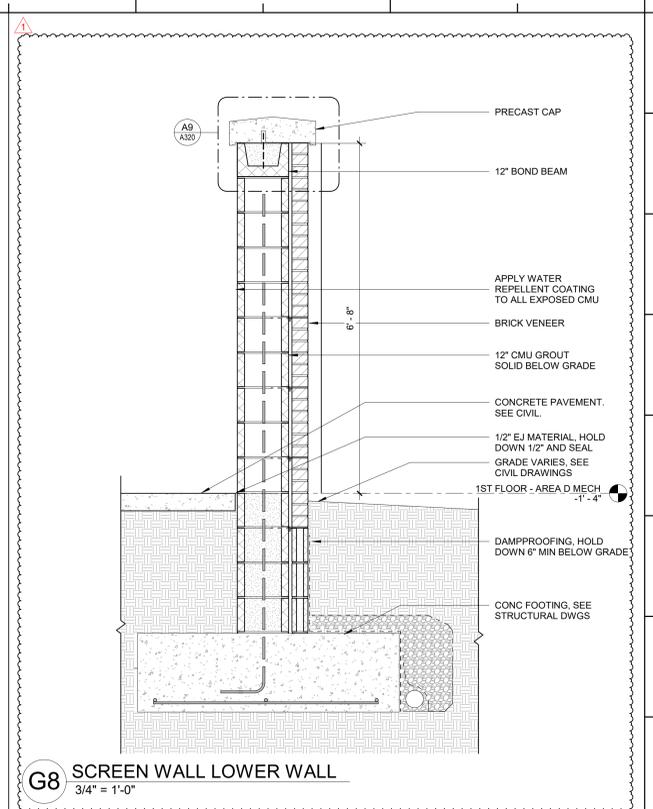
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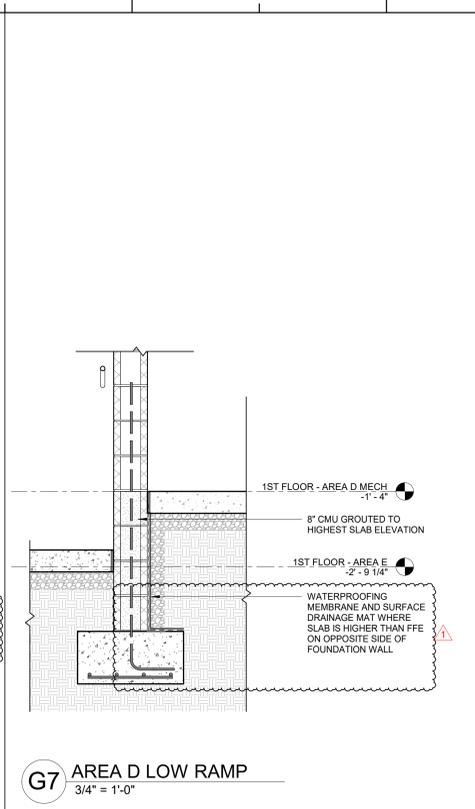
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WALL SECTIONS

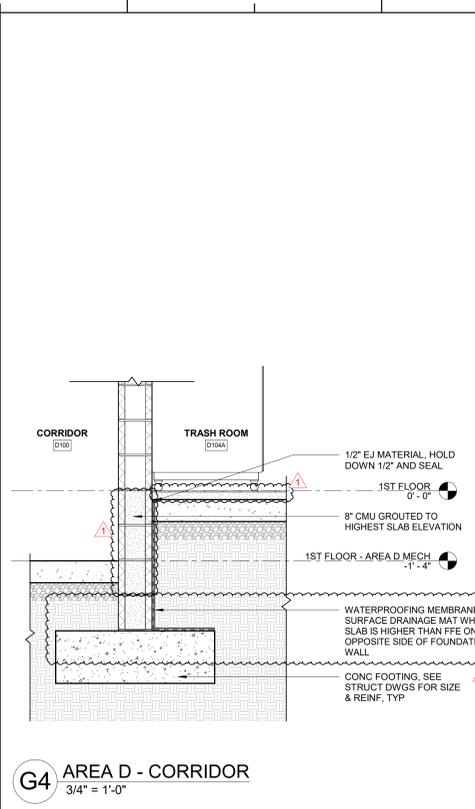
A315



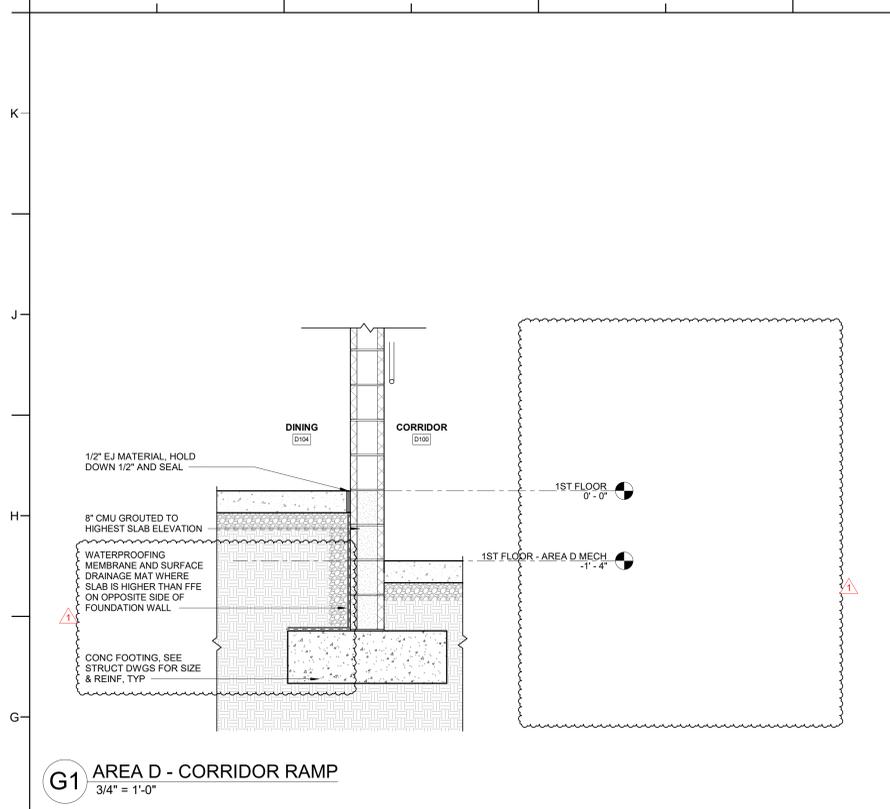
G8 SCREEN WALL LOWER WALL
3/4" = 1'-0"



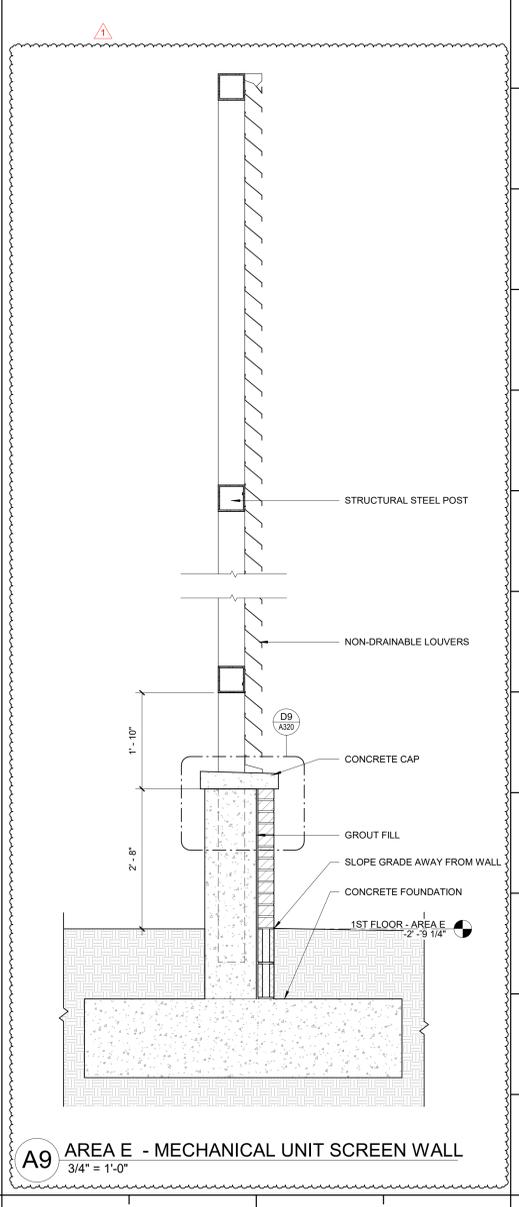
G7 AREA D LOW RAMP
3/4" = 1'-0"



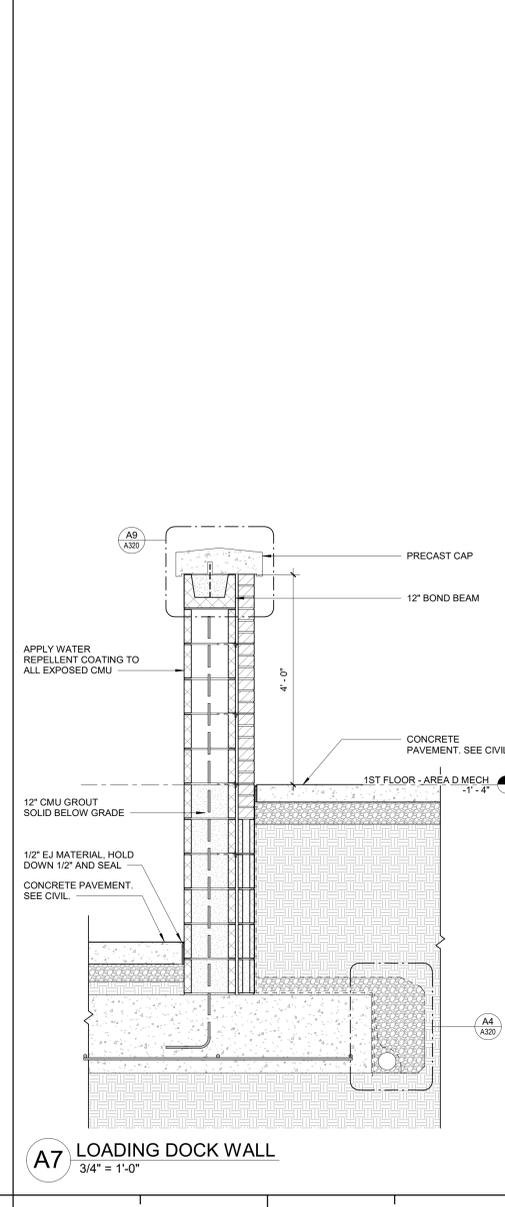
G4 AREA D - CORRIDOR
3/4" = 1'-0"



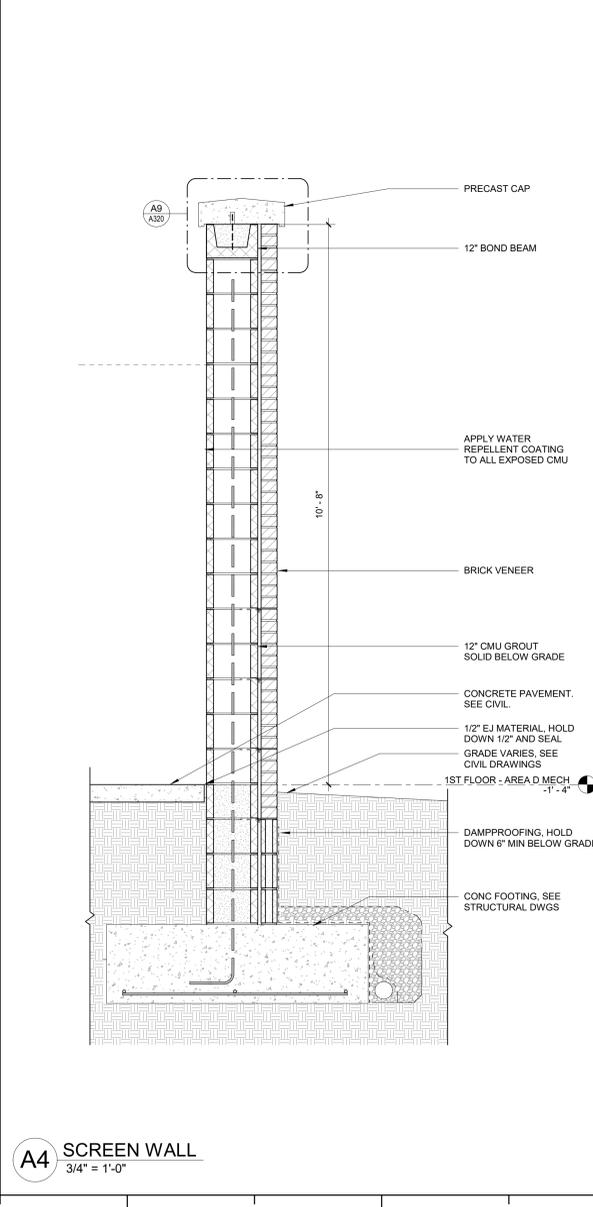
G1 AREA D - CORRIDOR RAMP
3/4" = 1'-0"



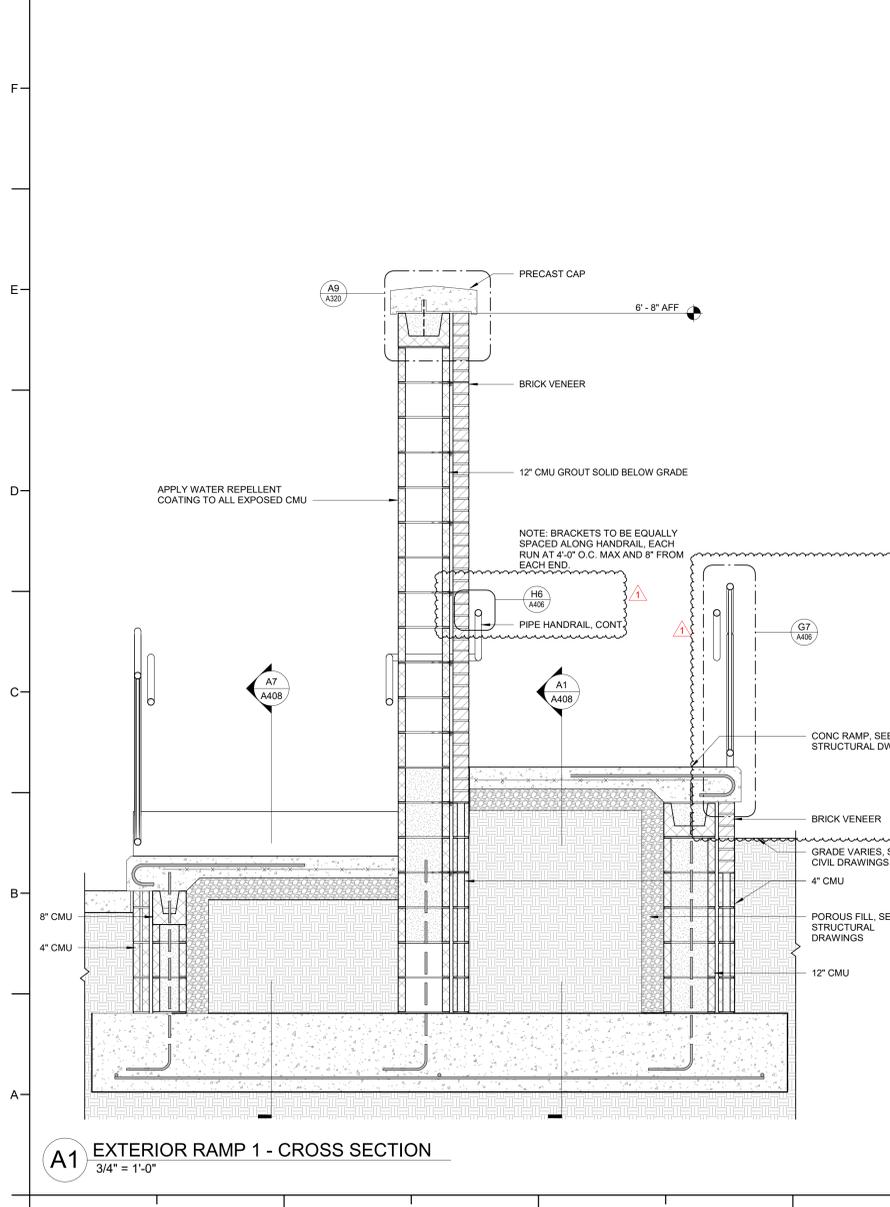
A9 AREA E - MECHANICAL UNIT SCREEN WALL
3/4" = 1'-0"



A7 LOADING DOCK WALL
3/4" = 1'-0"



A4 SCREEN WALL
3/4" = 1'-0"



A1 EXTERIOR RAMP 1 - CROSS SECTION
3/4" = 1'-0"



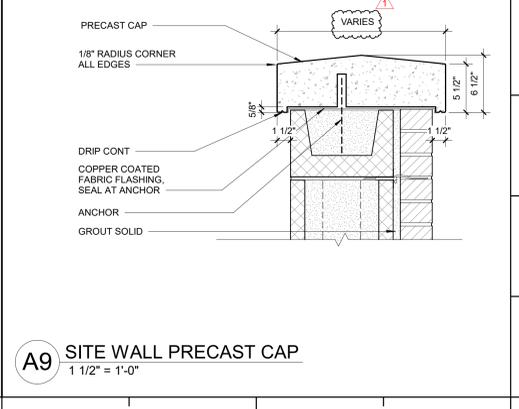
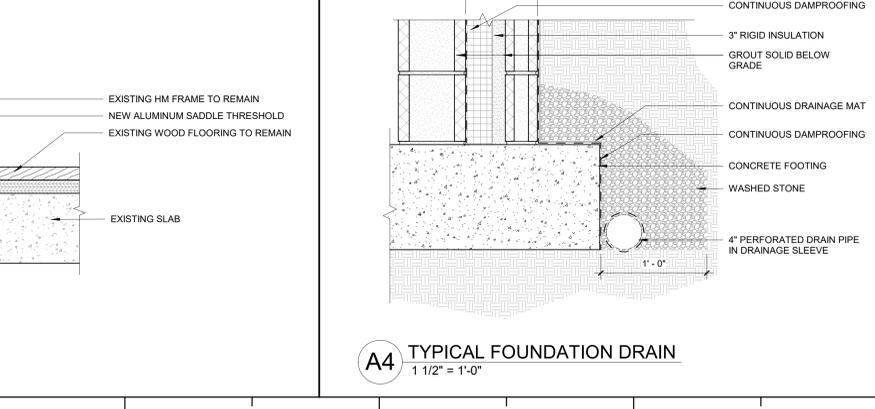
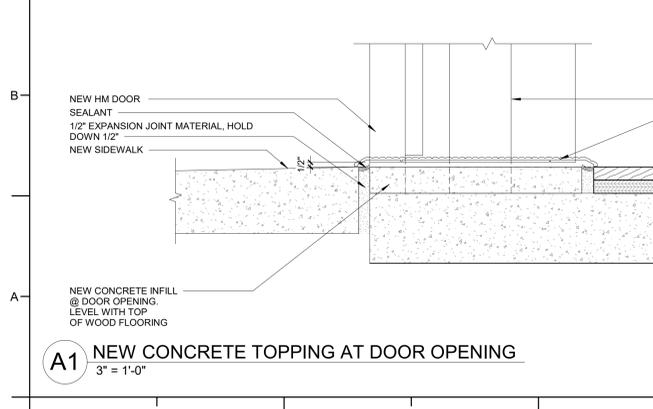
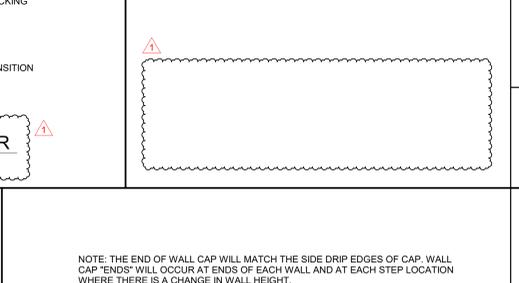
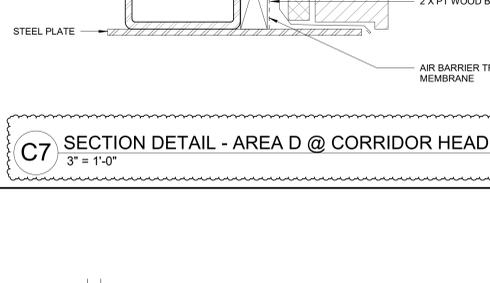
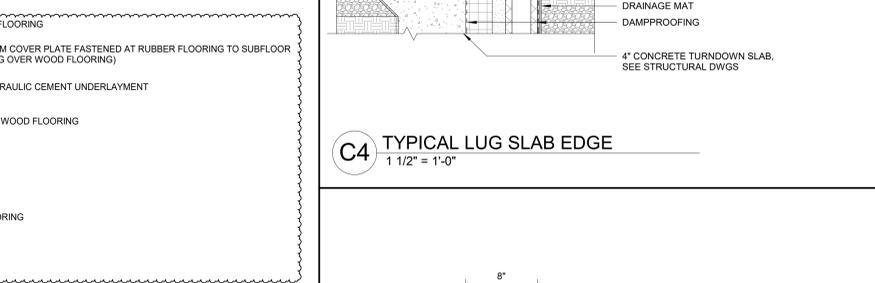
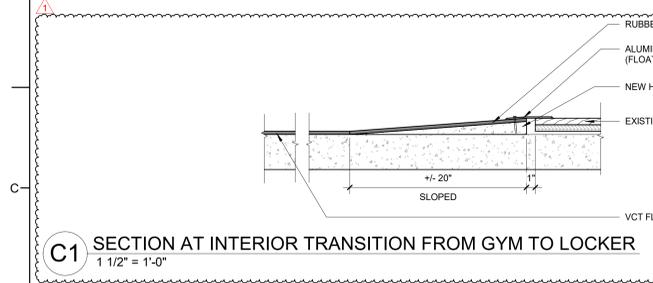
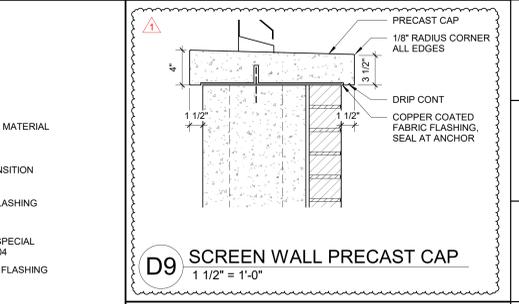
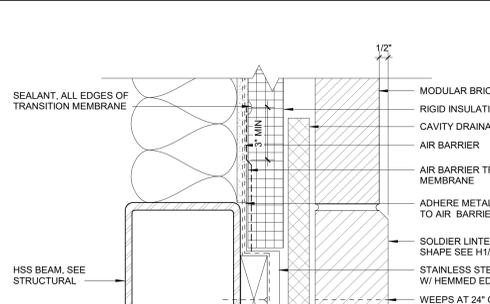
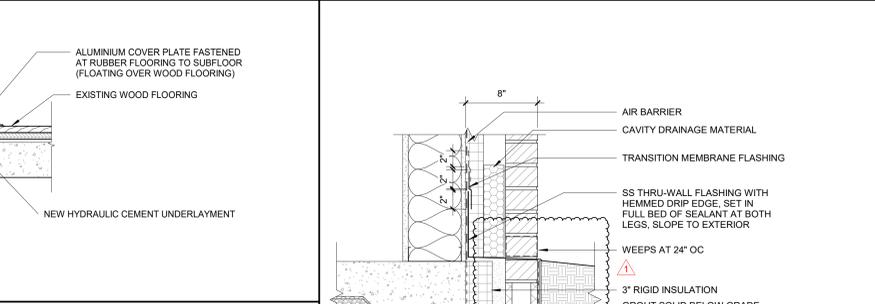
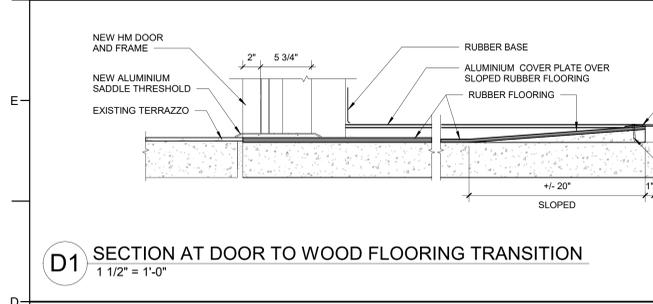
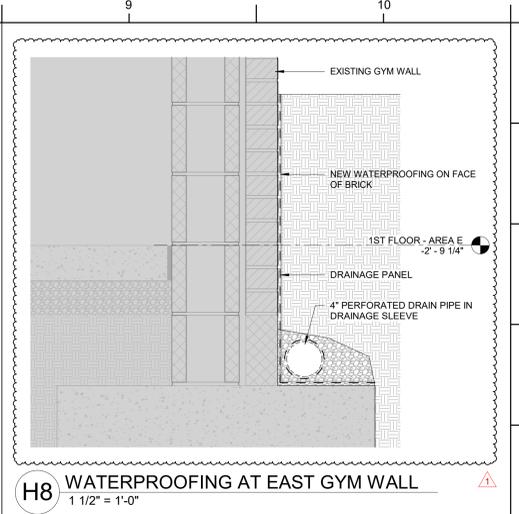
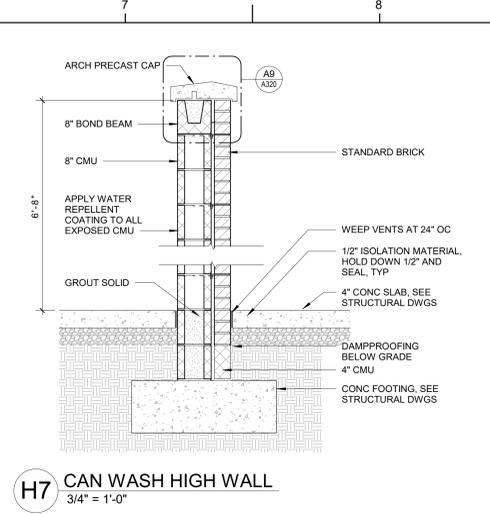
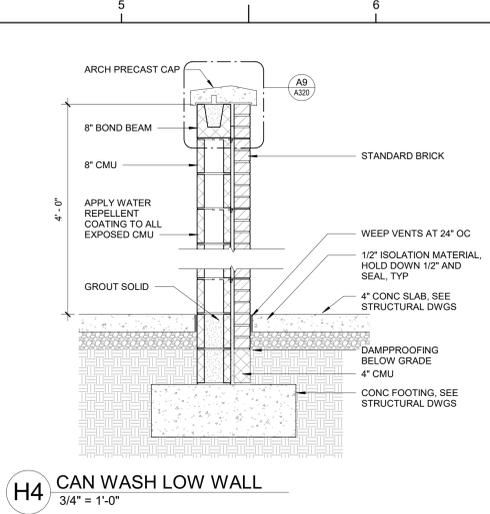
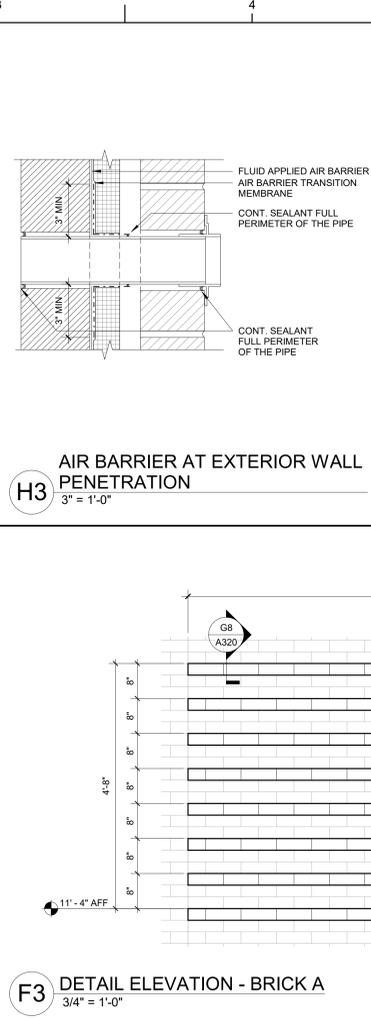
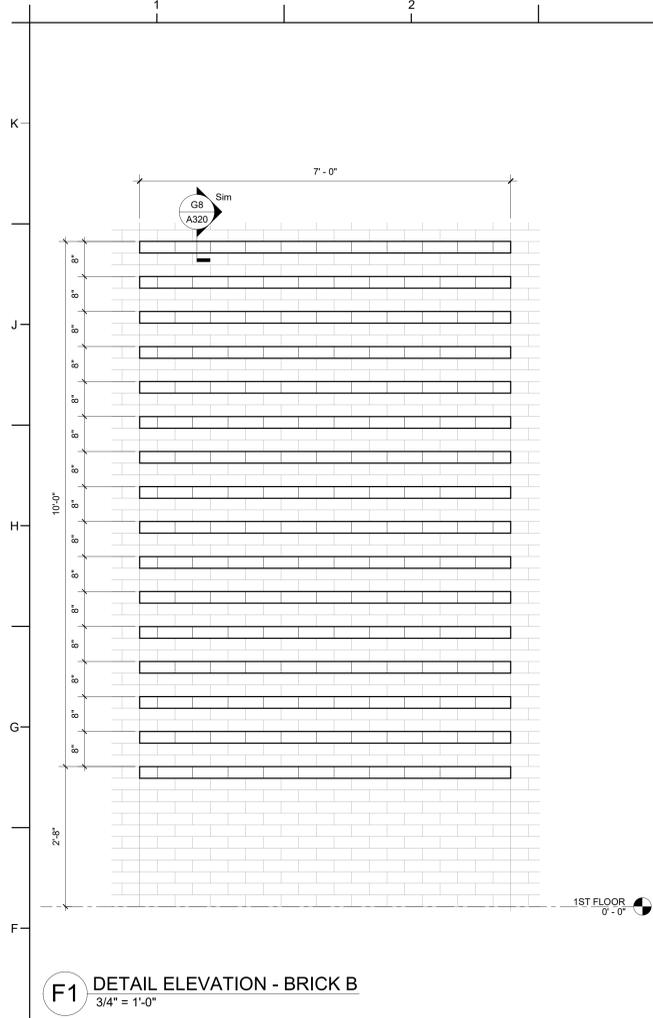
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SHEET TITLE
SECTION DETAILS

A320



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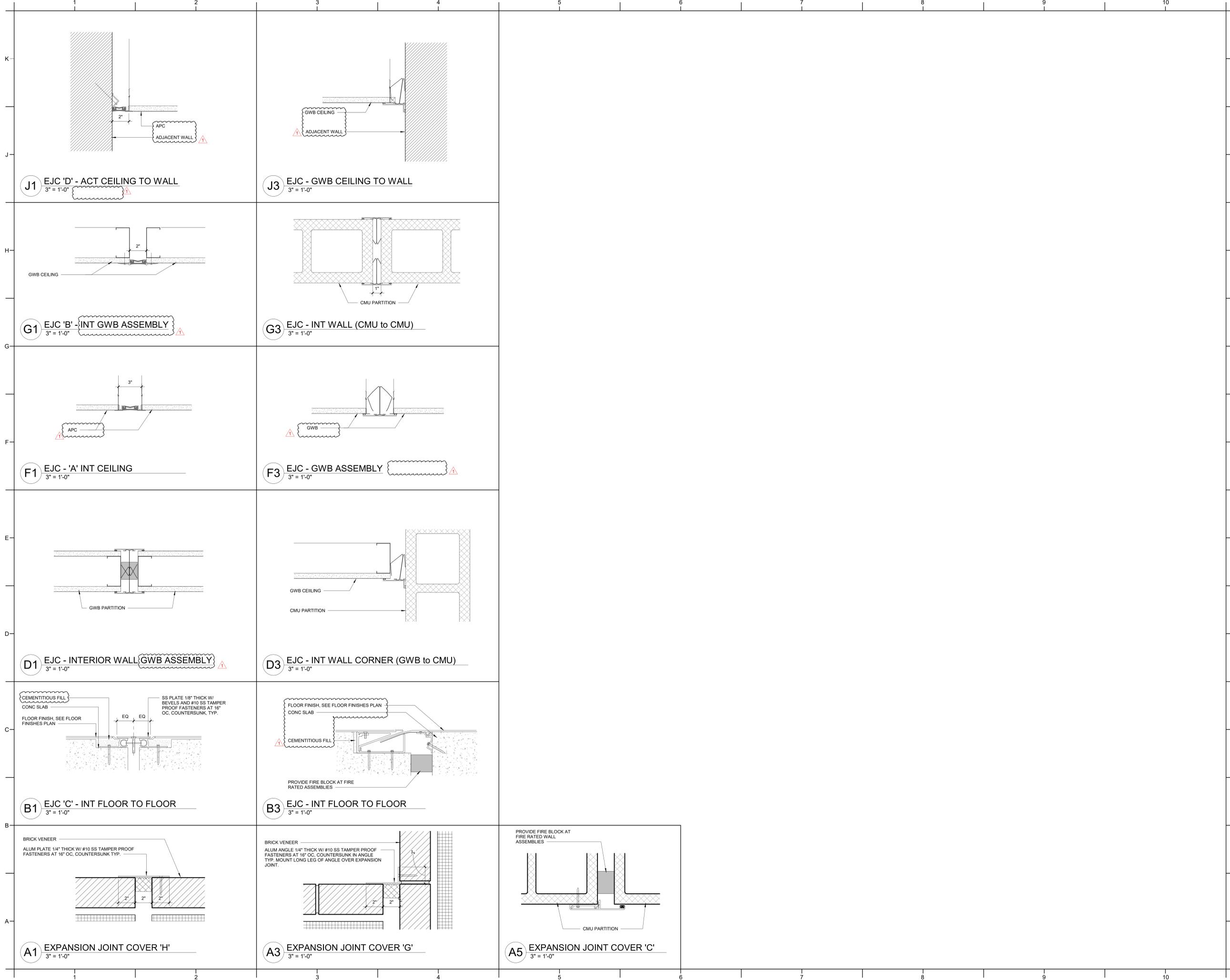
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EXPANSION JOINT DETAILS

A324



J1 EJC 'D' - ACT CEILING TO WALL
3" = 1'-0"

J3 EJC - GWB CEILING TO WALL
3" = 1'-0"

G1 EJC 'B' - INT GWB ASSEMBLY
3" = 1'-0"

G3 EJC - INT WALL (CMU to CMU)
3" = 1'-0"

F1 EJC - 'A' INT CEILING
3" = 1'-0"

F3 EJC - GWB ASSEMBLY
3" = 1'-0"

D1 EJC - INTERIOR WALL GWB ASSEMBLY
3" = 1'-0"

D3 EJC - INT WALL CORNER (GWB to CMU)
3" = 1'-0"

B1 EJC 'C' - INT FLOOR TO FLOOR
3" = 1'-0"

B3 EJC - INT FLOOR TO FLOOR
3" = 1'-0"

A1 EXPANSION JOINT COVER 'H'
3" = 1'-0"

A3 EXPANSION JOINT COVER 'G'
3" = 1'-0"

A5 EXPANSION JOINT COVER 'C'
3" = 1'-0"



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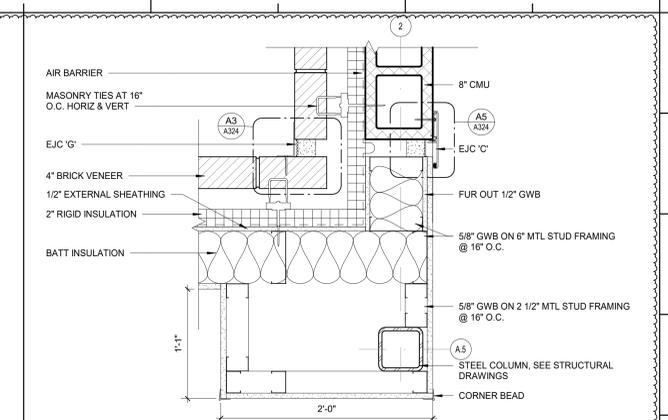
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PM: BETH KING
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Plot Date: 1/31/2025 3:38:18 PM

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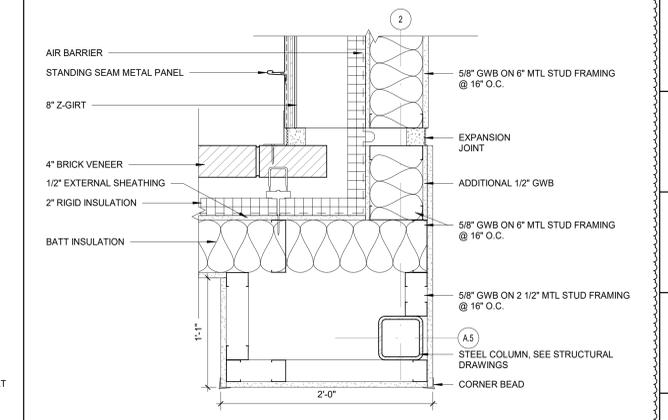
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01/10/2025

SHEET TITLE
PLAN DETAILS

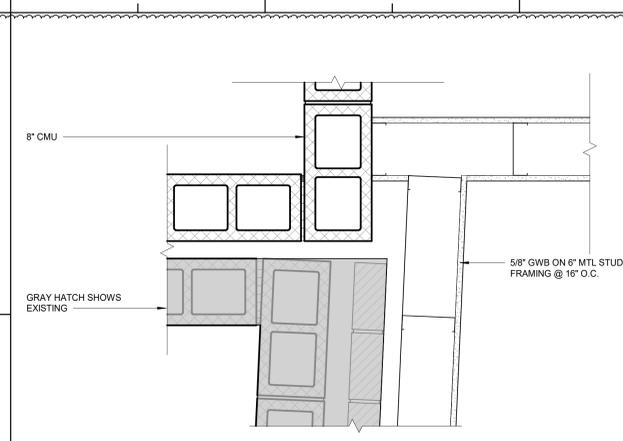
A330



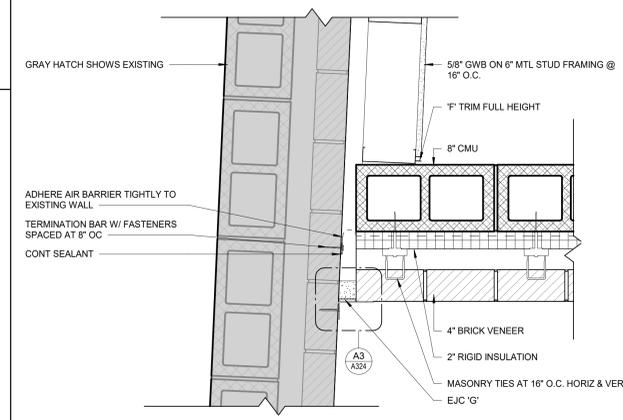
H8 PLAN DETAIL - CORRIDOR CONNECTOR - BID ALT NO. 2 - BOTTOM
1 1/2" = 1'-0"



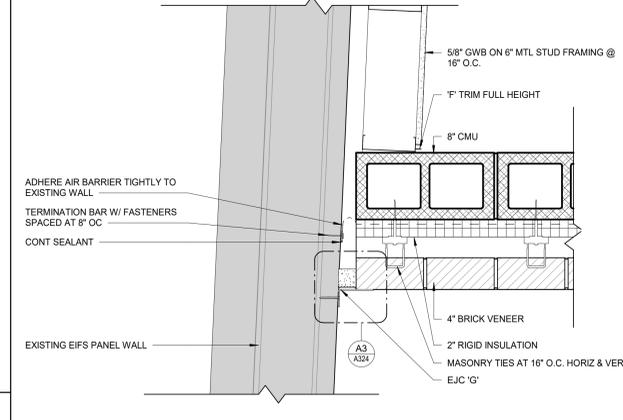
F8 PLAN DETAIL - CORRIDOR CONNECTOR - BID ALT NO. 2 - ABOVE CEILING
1 1/2" = 1'-0"



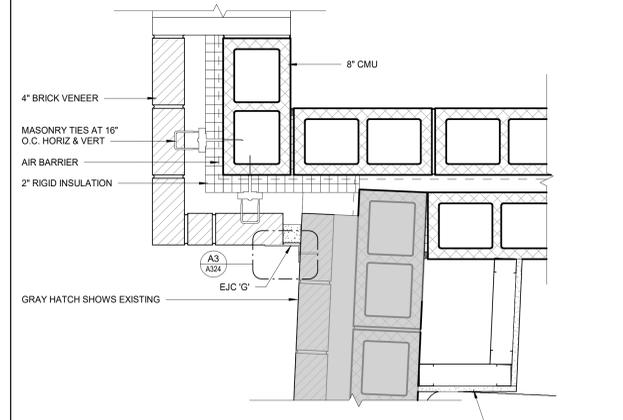
H6 PLAN DETAIL - AREA E @ VISITOR LOCKER E104
1 1/2" = 1'-0"



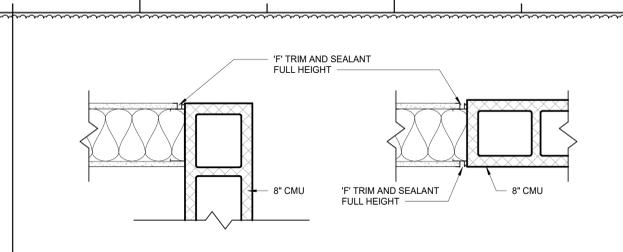
F6 PLAN DETAIL - AREA D - BUILDING JOINT
1 1/2" = 1'-0"



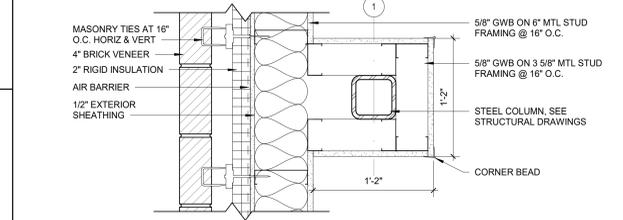
C6 PLAN DETAIL - AREA D - BUILDING JOINT @ EIFS WALL
1 1/2" = 1'-0"



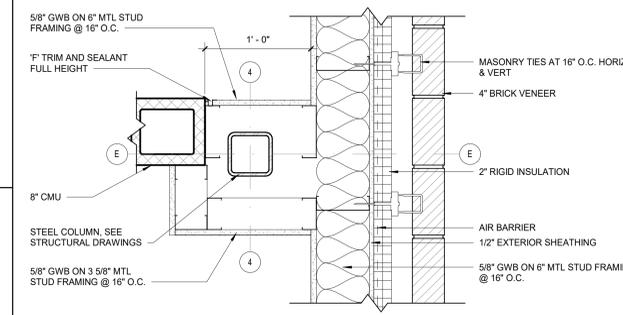
A6 PLAN DETAIL - AREA E @ STORAGE E103
1 1/2" = 1'-0"



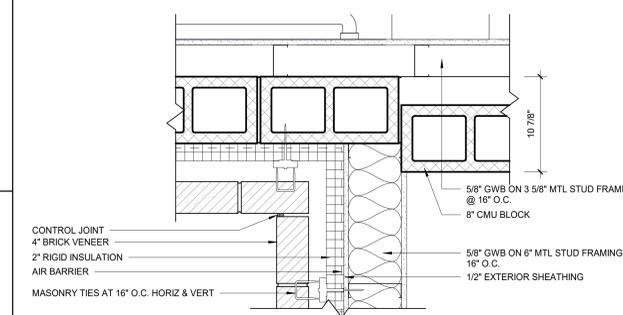
J3 TYP CMU TO GWB CONNECTION
1 1/2" = 1'-0"



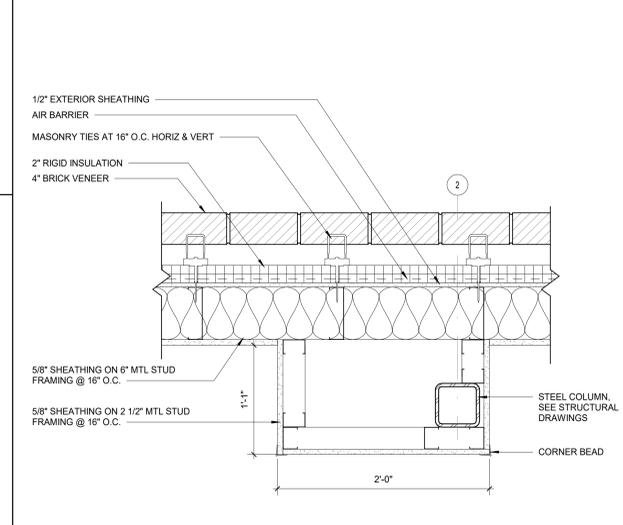
H3 PLAN DETAIL - AREA A @ A113
1 1/2" = 1'-0"



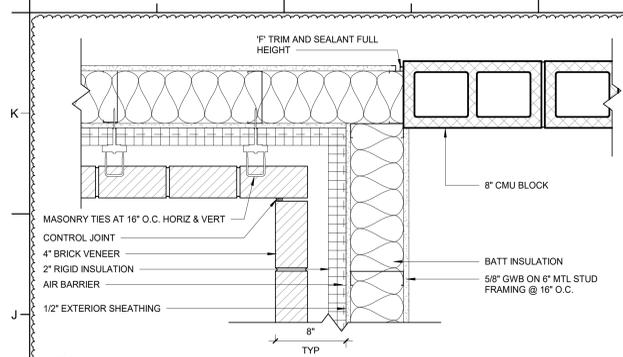
F3 PLAN DETAIL - AREA A @ A110
1 1/2" = 1'-0"



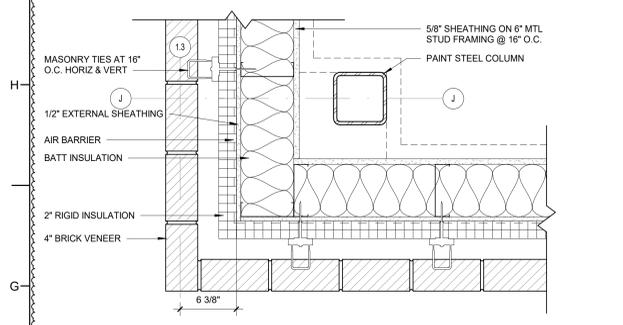
D3 PLAN DETAIL - AREA D @ TLT D116A
1 1/2" = 1'-0"



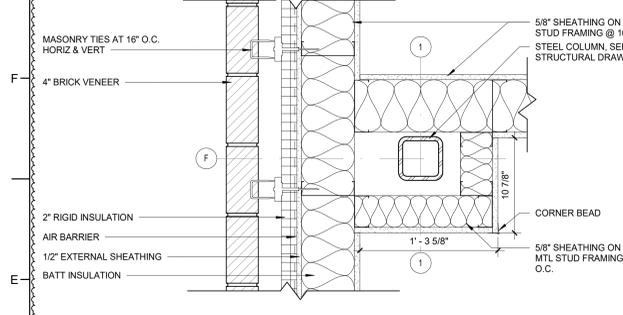
A3 TYP BRICK ON MTL STUD INTERIOR CORNER
1 1/2" = 1'-0"



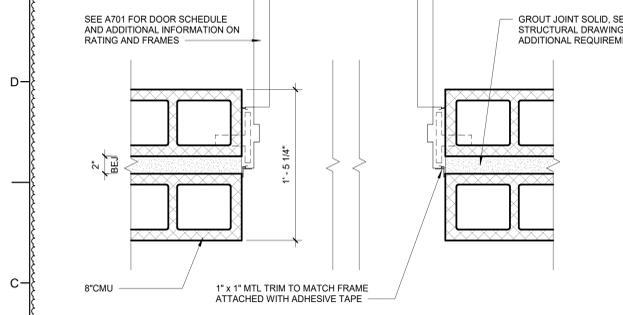
J1 PLAN DETAIL - AREA A @ CLASSROOM A117 & STAIR S2
1 1/2" = 1'-0"



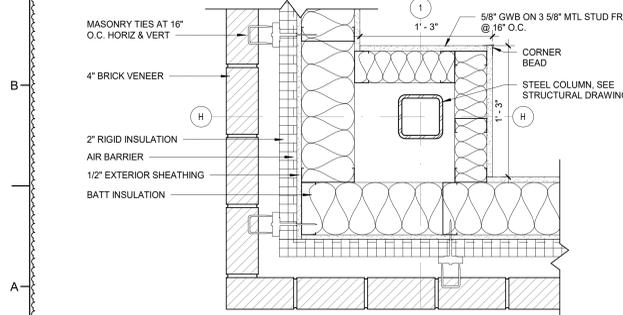
G1 PLAN DETAIL - AREA A @ STAIR S2
1 1/2" = 1'-0"



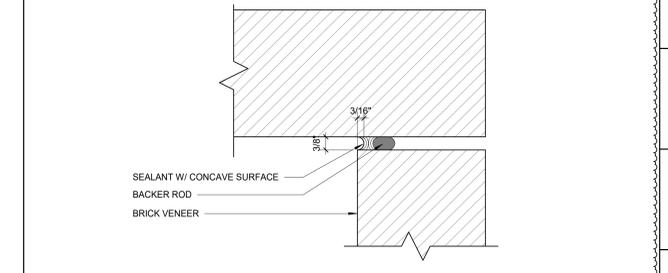
E1 PLAN DETAIL - AREA A @ CLASSROOM A115
1 1/2" = 1'-0"



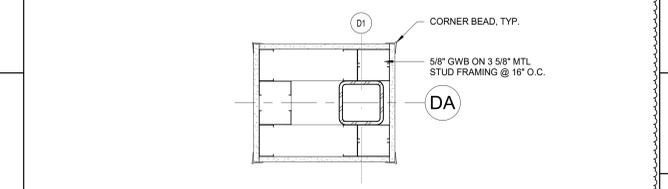
C1 PLAN DETAIL - AREA D - DOOR AT BUILDING JOINT
1 1/2" = 1'-0"



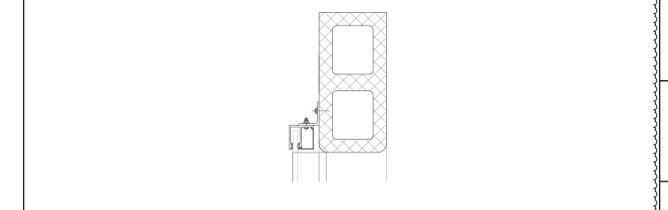
A1 TYP BRICK ON MTL STUD EXTERIOR CORNER
1 1/2" = 1'-0"



D8 TYP CONTROL JOINT
6" = 1'-0"



B8 PLAN DETAIL - AREA A @ DINING
1 1/2" = 1'-0"



A8 TYP COILING GRILLE JAMB DETAIL
1 1/2" = 1'-0"



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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

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SEALS



DKA JOB NUMBER

2401

REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM #1	2/3/2025

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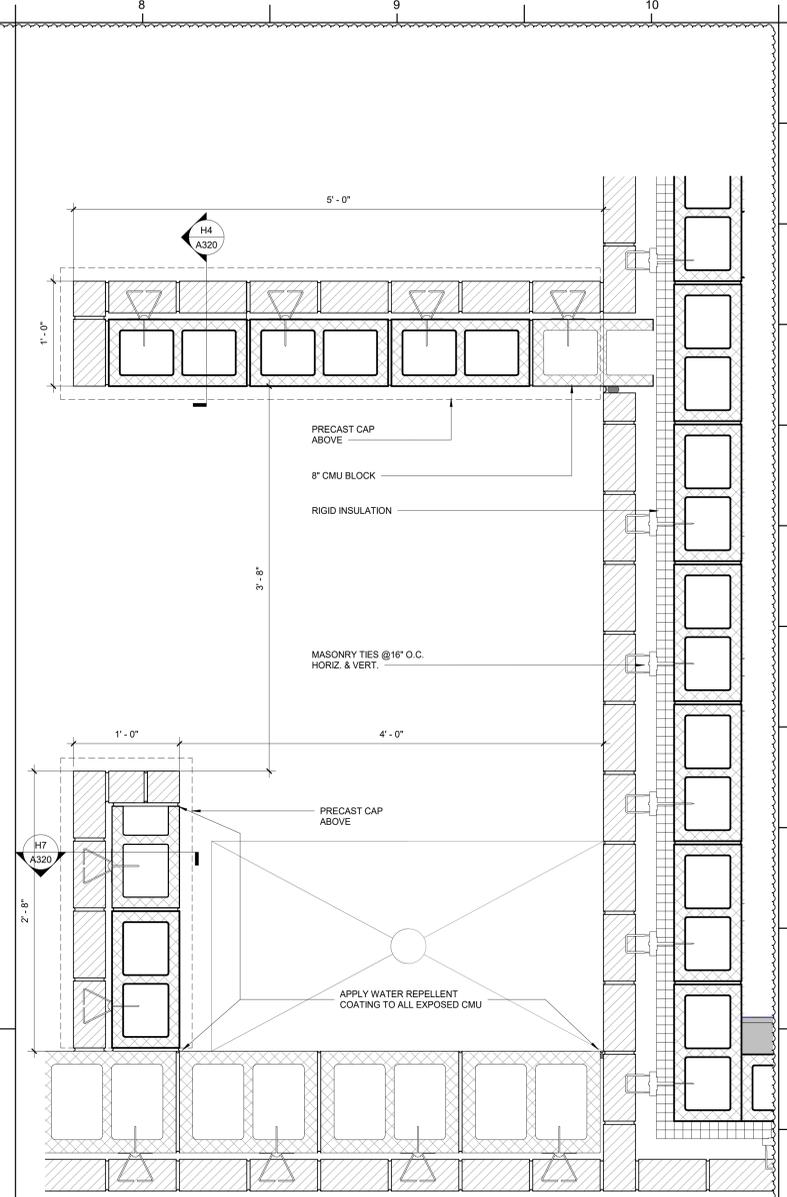
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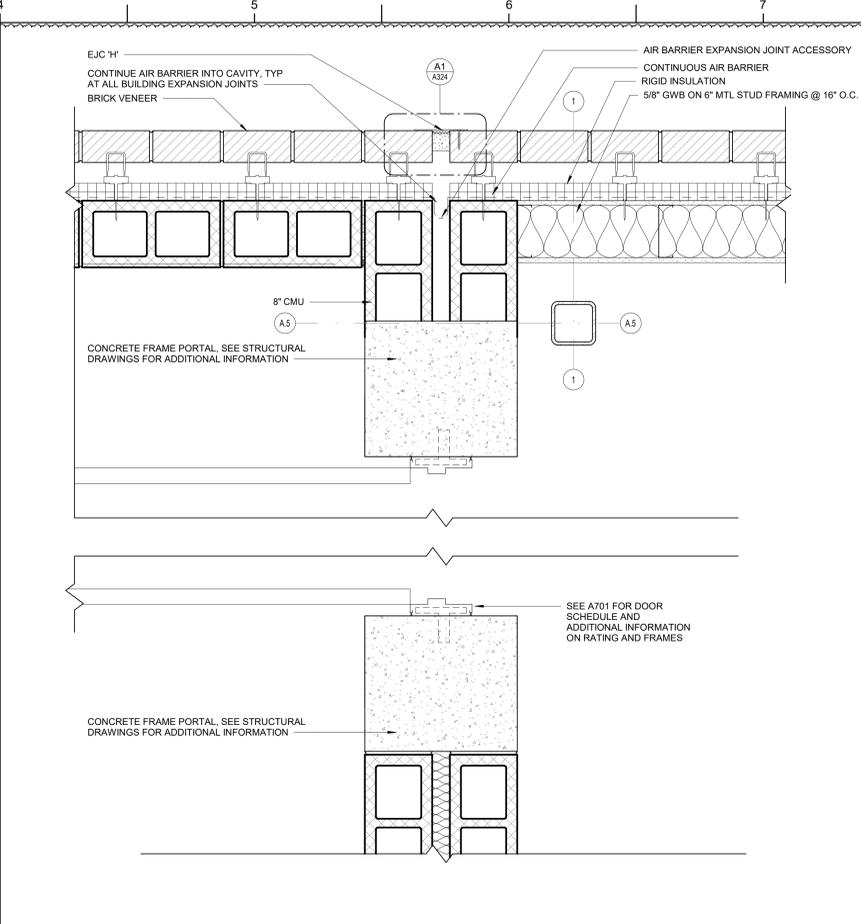
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PLAN DETAILS

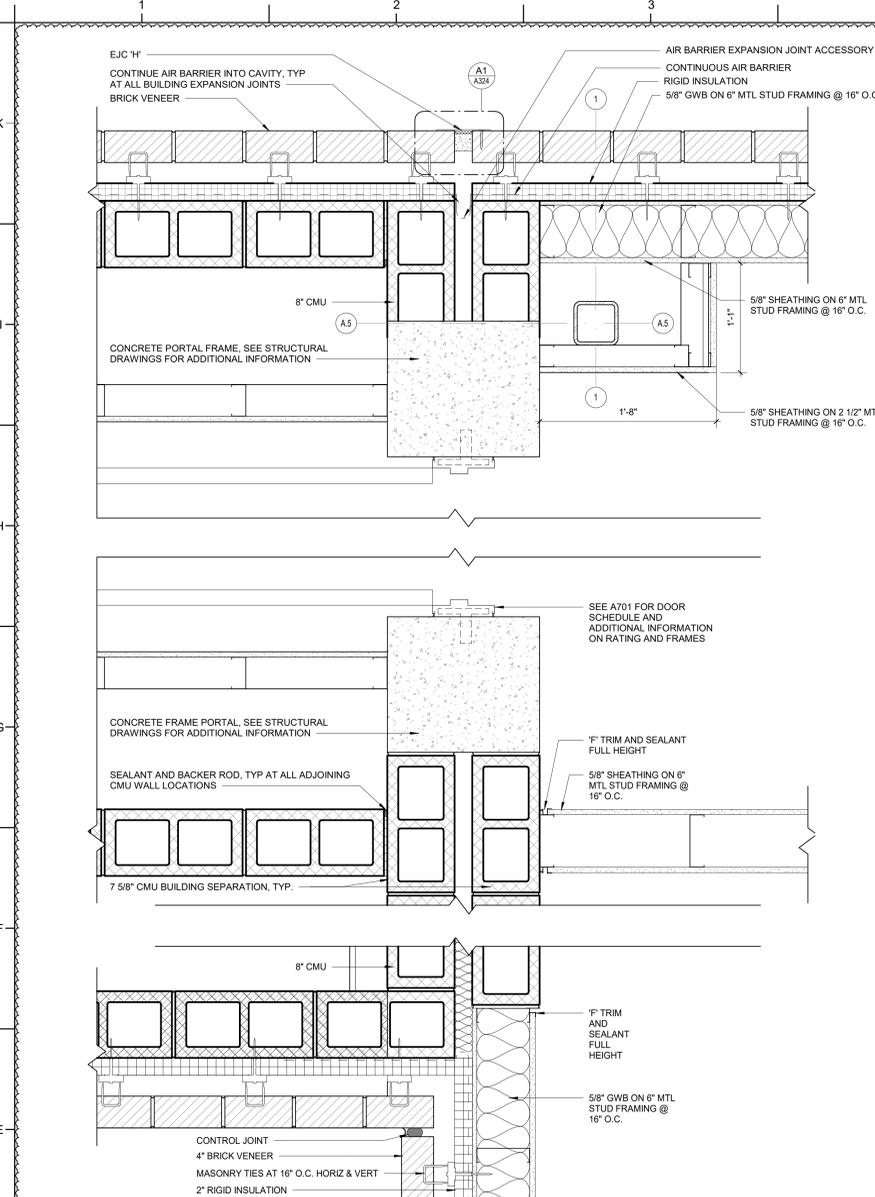
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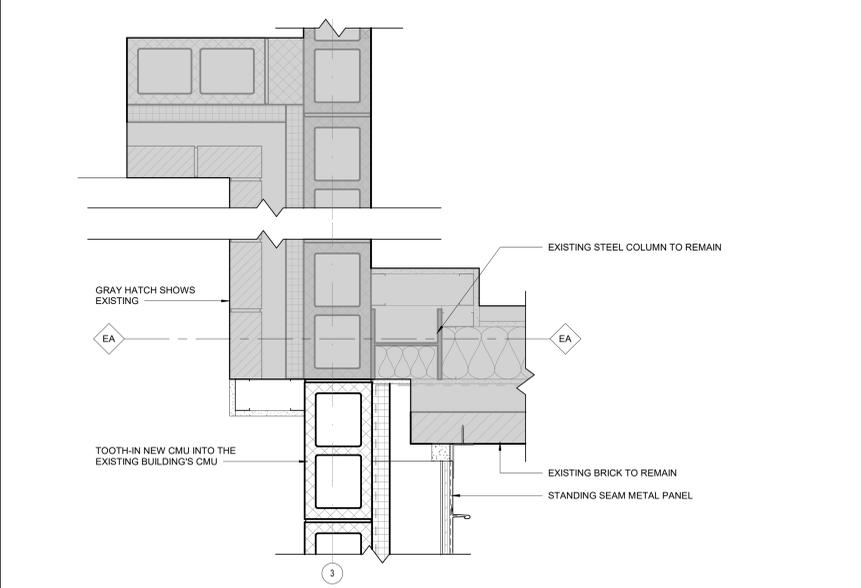
D8 PLAN DETAIL - AREA D @ CAN WASH
1 1/2" = 1'-0"



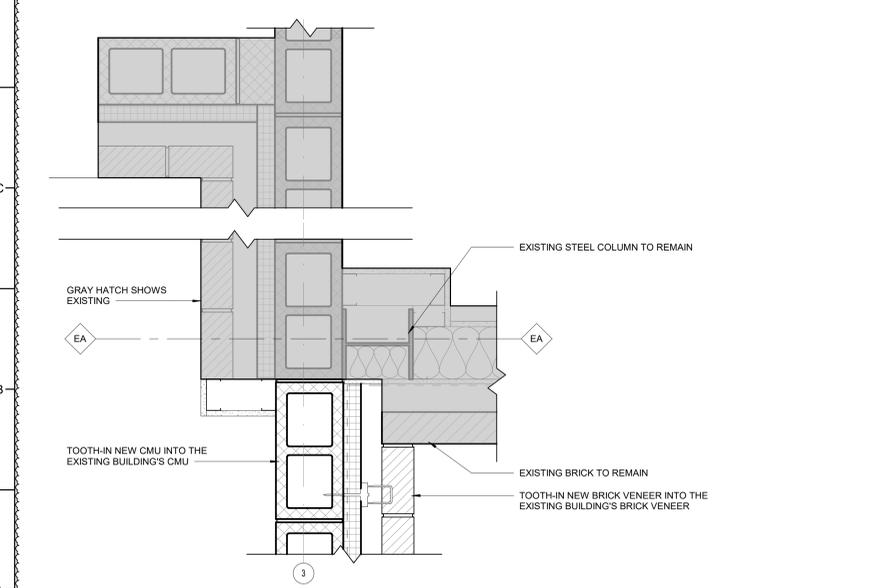
F4 PLAN DETAIL - AREA A & C SECOND FLOOR @ FIRE WALL AND BUILDING EXPANSION JOINT
1 1/2" = 1'-0"



D1 PLAN DETAIL - AREA A & C FIRST FLOOR @ FIRE WALL AND BUILDING EXPANSION JOINT
1 1/2" = 1'-0"



A4 PLAN DETAIL - AREA A/B BUILDING CONNECTION - BID ALT NO. 2 - ABOVE CEILING
1 1/2" = 1'-0"



A1 PLAN DETAIL - AREA A/B BUILDING CONNECTION - BID ALT NO. 2 - BOTTOM
1 1/2" = 1'-0"



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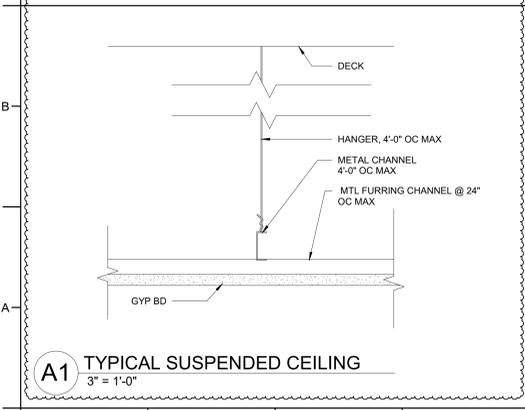
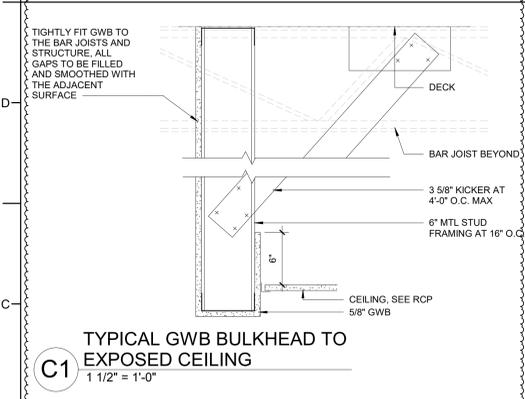
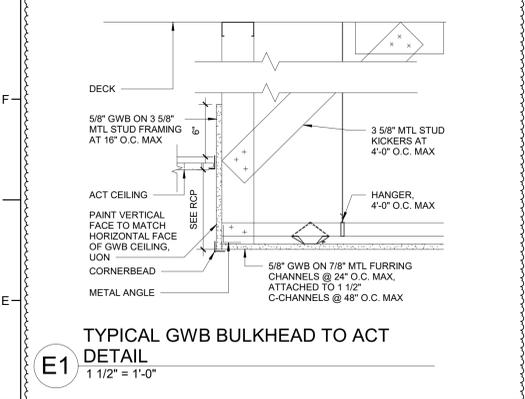
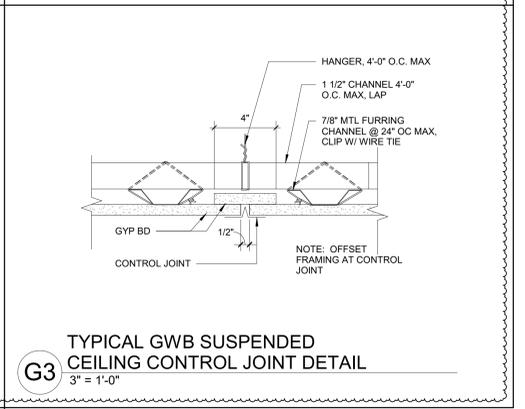
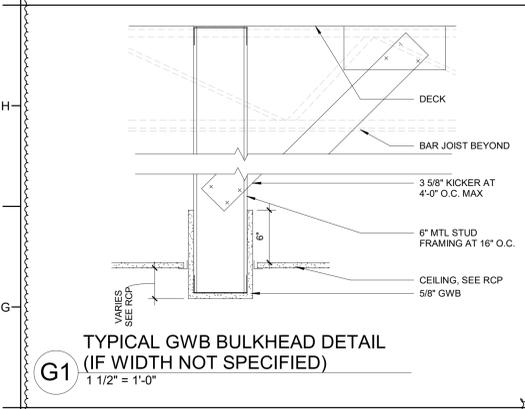
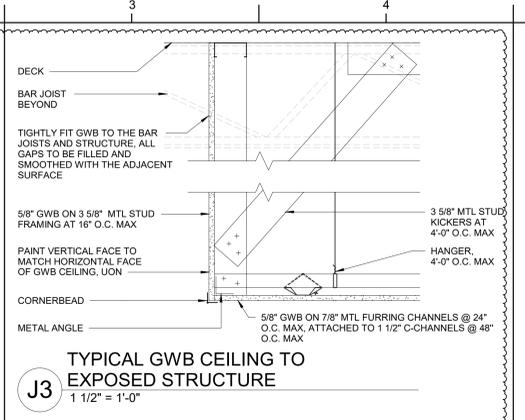
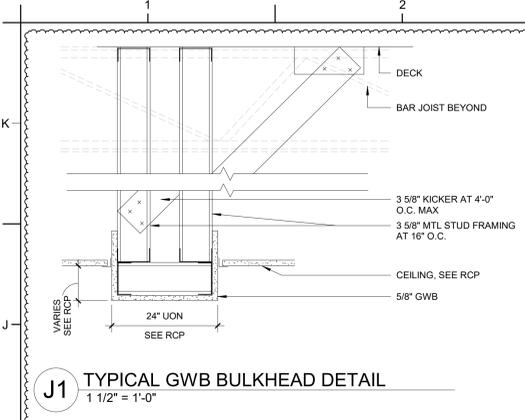
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SHEET TITLE

CEILING DETAILS

A332





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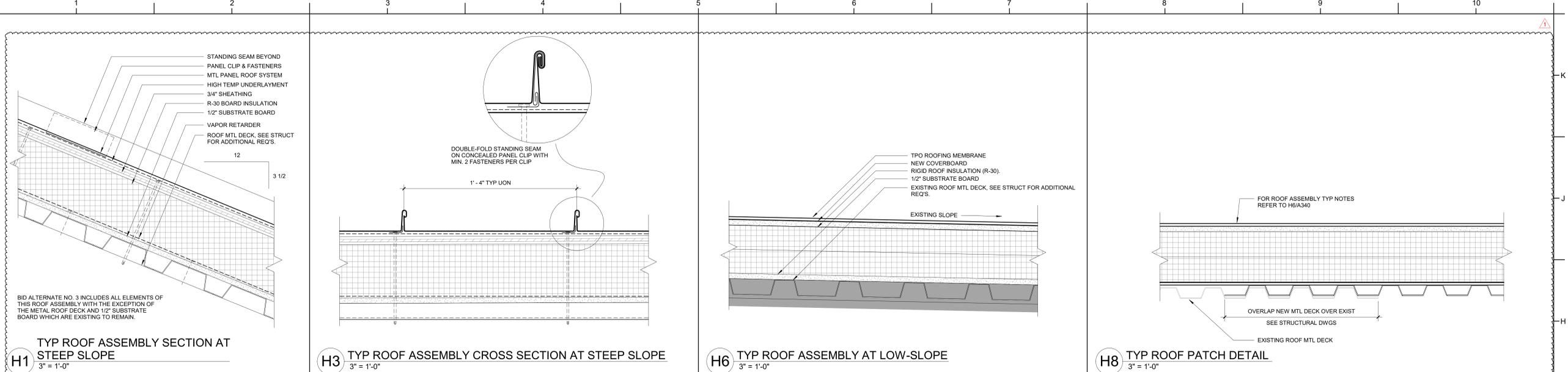
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SHEET TITLE

ROOF DETAILS

A340

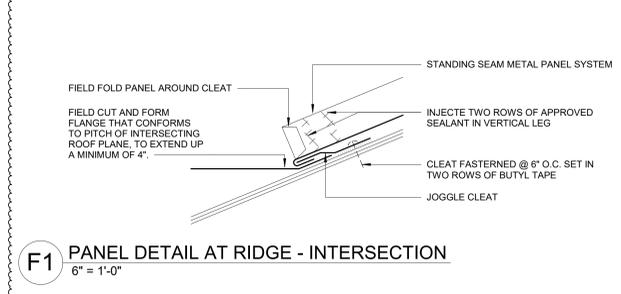


H1 TYP ROOF ASSEMBLY SECTION AT STEEP SLOPE
3" = 1'-0"

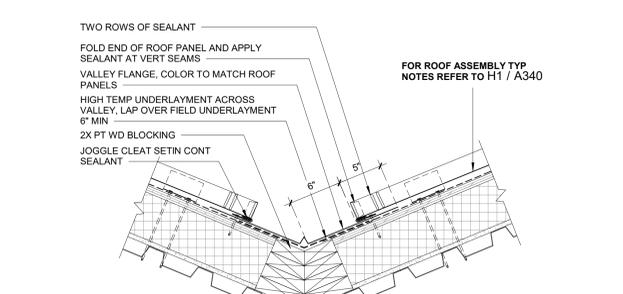
H3 TYP ROOF ASSEMBLY CROSS SECTION AT STEEP SLOPE
3" = 1'-0"

H6 TYP ROOF ASSEMBLY AT LOW-SLOPE
3" = 1'-0"

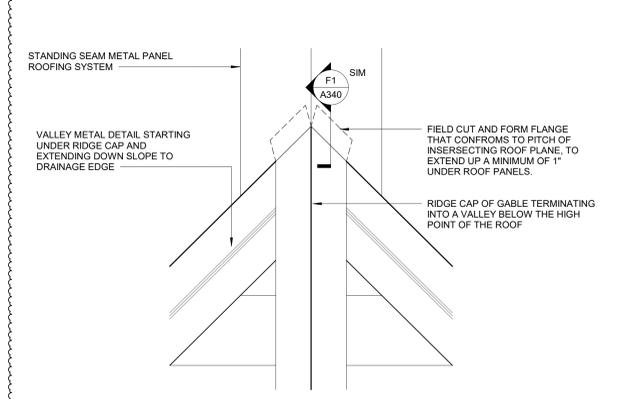
H8 TYP ROOF PATCH DETAIL
3" = 1'-0"



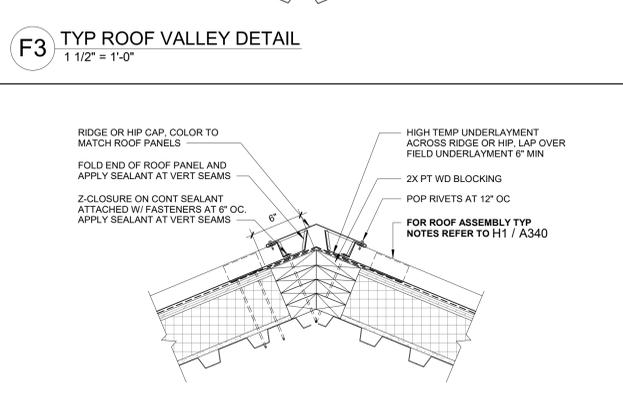
F1 PANEL DETAIL AT RIDGE - INTERSECTION
6" = 1'-0"



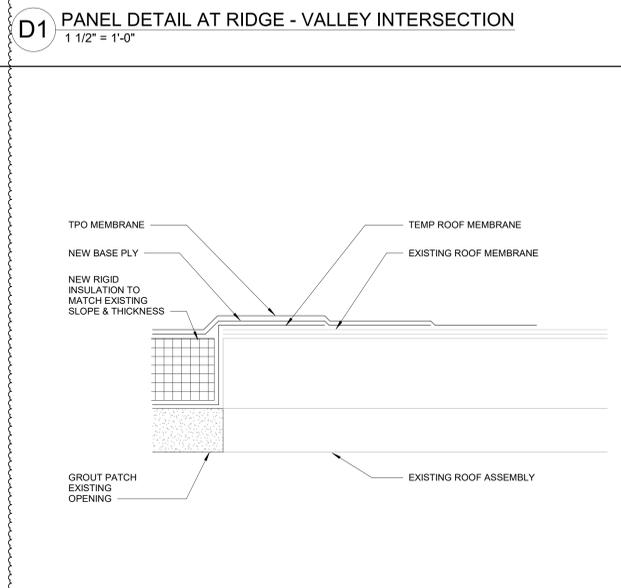
F3 TYP ROOF VALLEY DETAIL
1 1/2" = 1'-0"



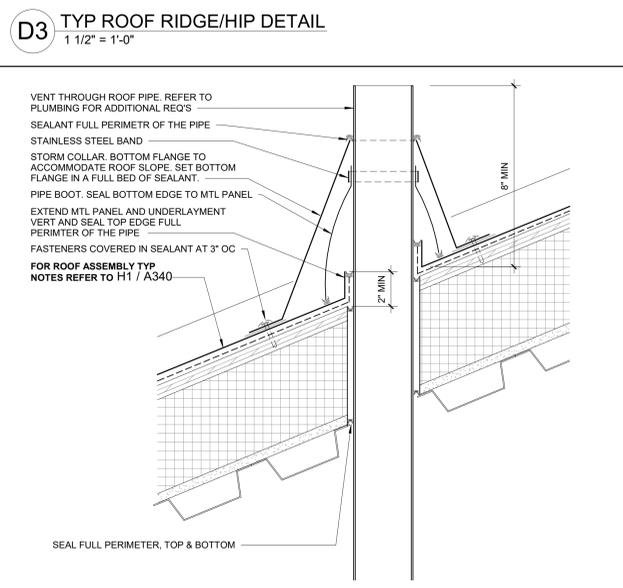
D1 PANEL DETAIL AT RIDGE - VALLEY INTERSECTION
1 1/2" = 1'-0"



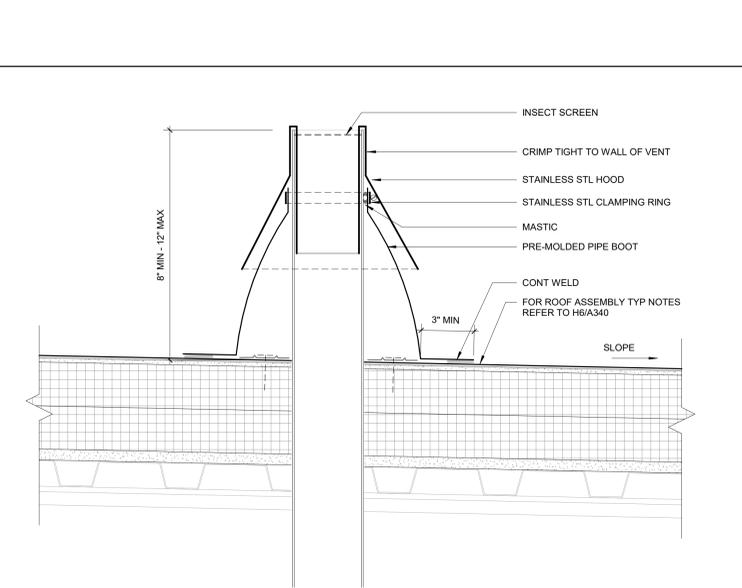
D3 TYP ROOF RIDGE/HIP DETAIL
1 1/2" = 1'-0"



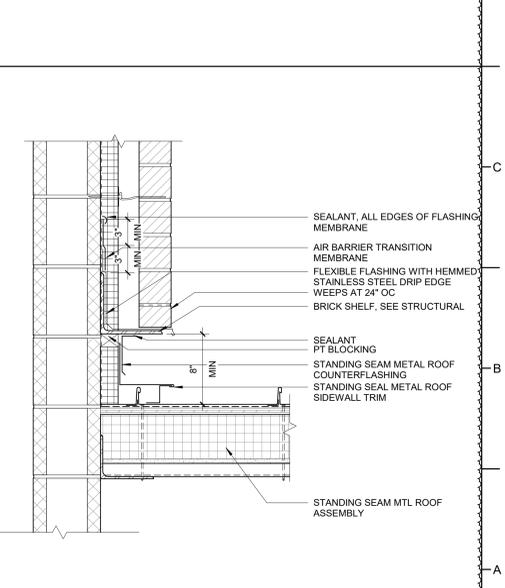
A1 TYP ROOF PATCH
3" = 1'-0"



A3 TYP ROOF PENETRATION
3" = 1'-0"

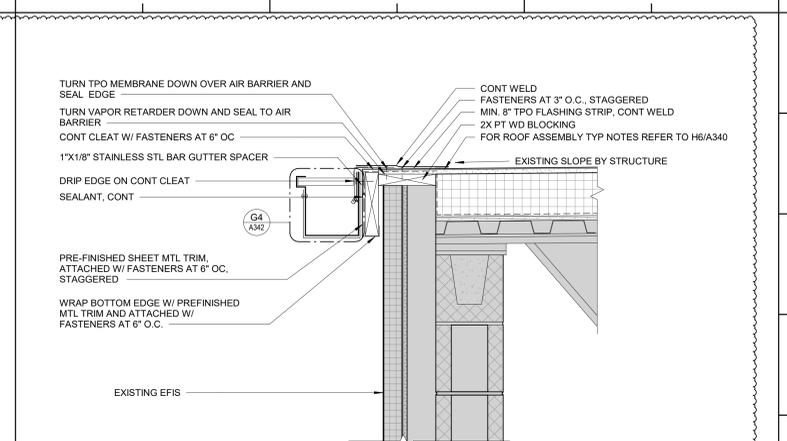


A6 VENT THROUGH ROOF (VTR) DETAIL
3" = 1'-0"

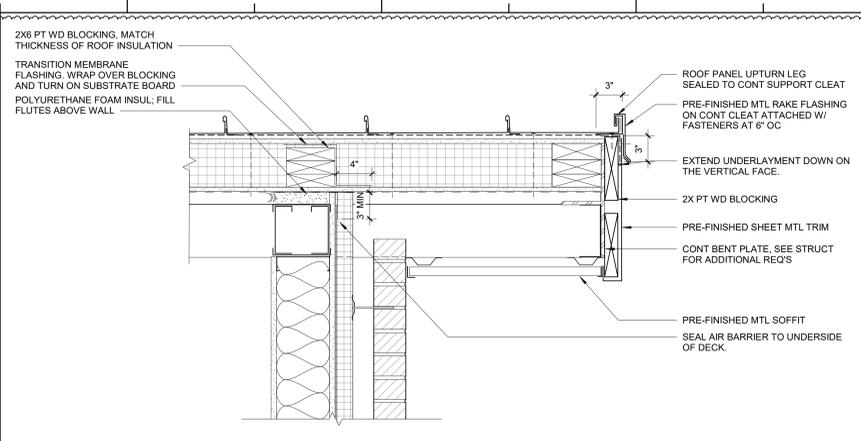


A9 STANDING SEAM METAL ROOF SIDEWALL FLASHING
1 1/2" = 1'-0"

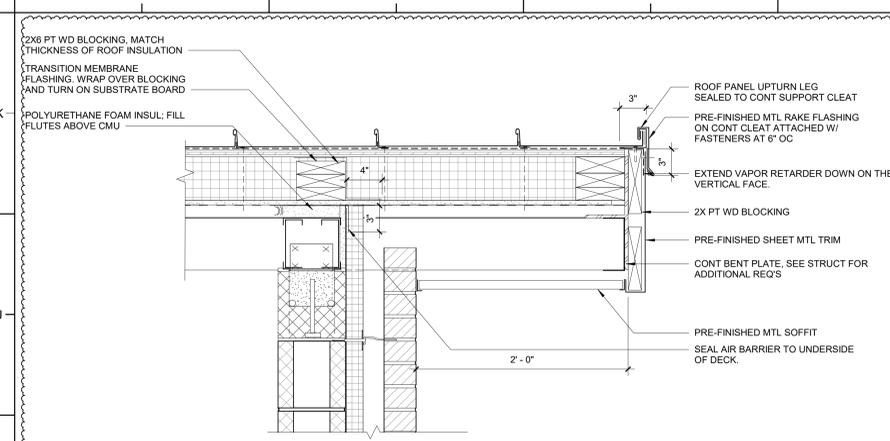
NO.	DESCRIPTION	DATE
1	ADDENDUM #1	2/3/2025



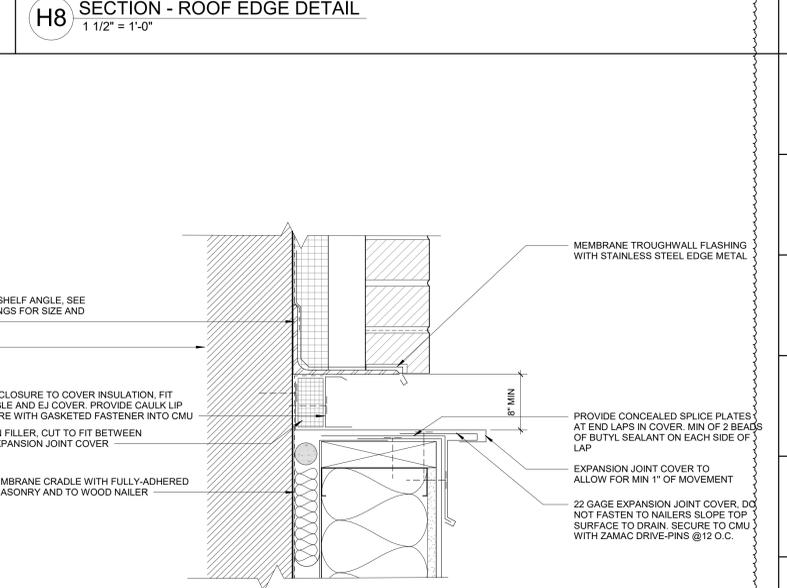
H8 SECTION - ROOF EDGE DETAIL
1 1/2" = 1'-0"



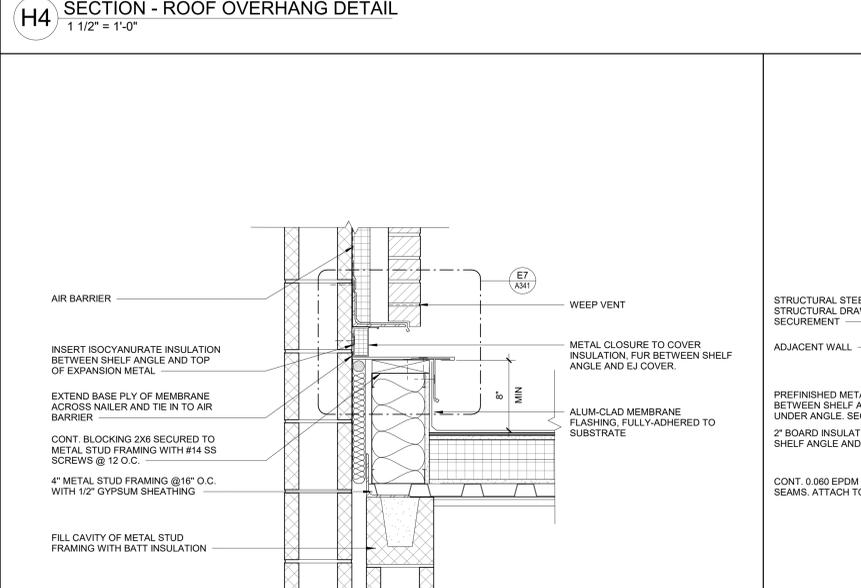
H4 SECTION - ROOF OVERHANG DETAIL
1 1/2" = 1'-0"



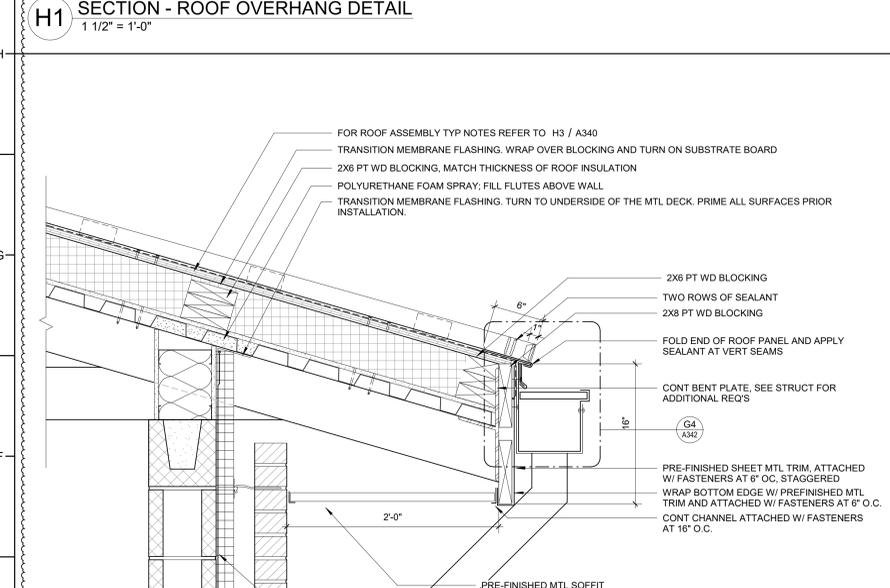
H1 SECTION - ROOF OVERHANG DETAIL
1 1/2" = 1'-0"



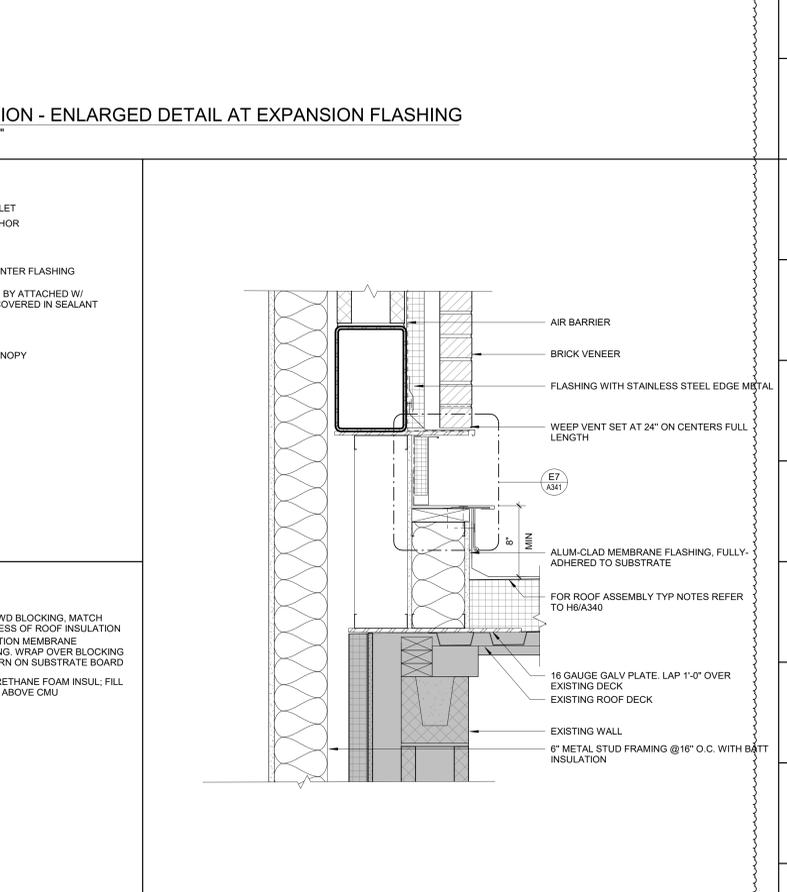
E7 SECTION - ENLARGED DETAIL AT EXPANSION FLASHING
3" = 1'-0"



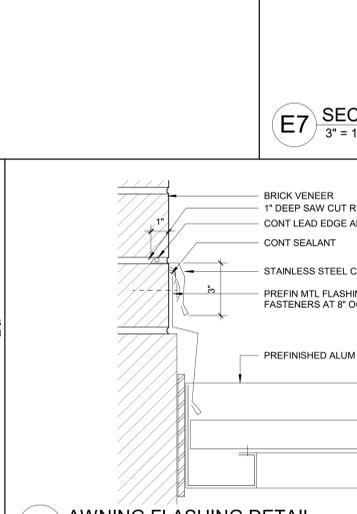
E4 SECTION - EXPANSION JOINT FLASHING DETAIL
1 1/2" = 1'-0"



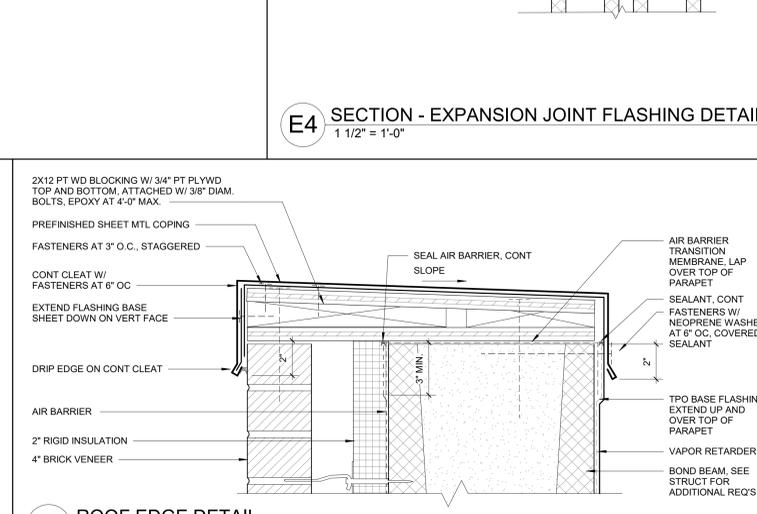
E1 SECTION - TYP ROOF EAVE
1 1/2" = 1'-0"



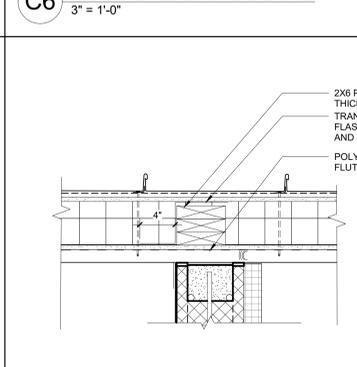
A8 EXPANSION JOINT FLASHING DETAIL AT EIFS WALL
1 1/2" = 1'-0"



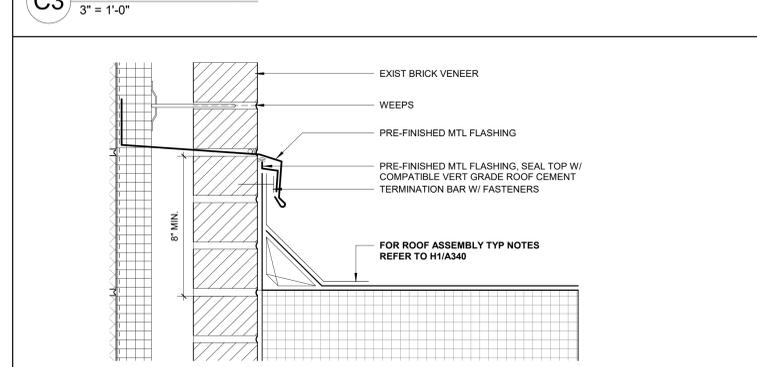
C6 AWNING FLASHING DETAIL
3" = 1'-0"



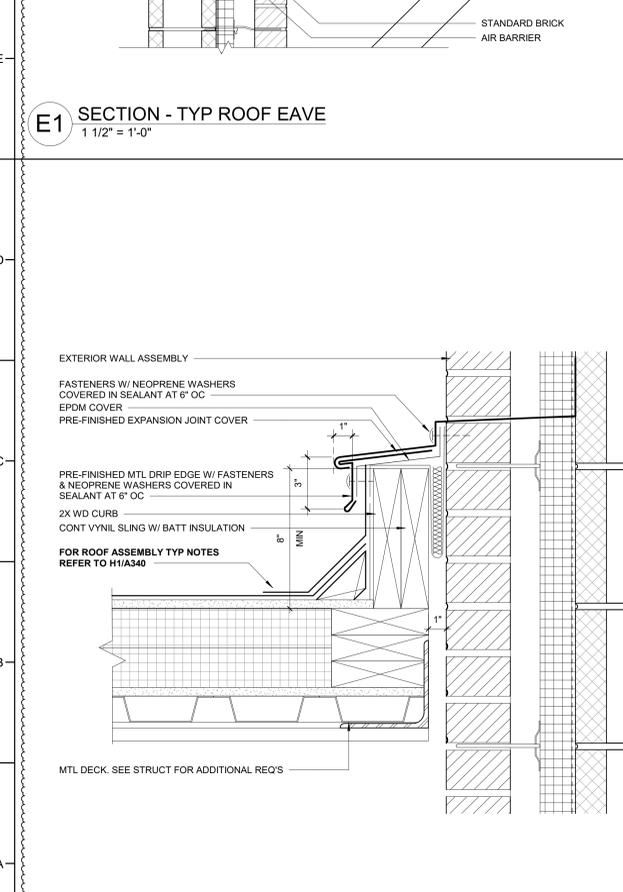
C3 ROOF EDGE DETAIL
3" = 1'-0"



A6 ROOF DETAIL AT CMU
1 1/2" = 1'-0"



A3 ROOF CURB AT WALL DETAIL
3" = 1'-0"



A1 ROOF EXPANSION JOINT DETAIL
3" = 1'-0"



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DKA JOB NUMBER

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REVISIONS

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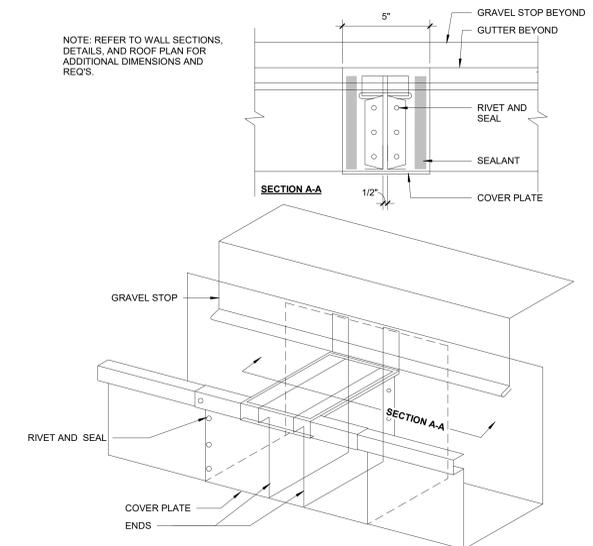
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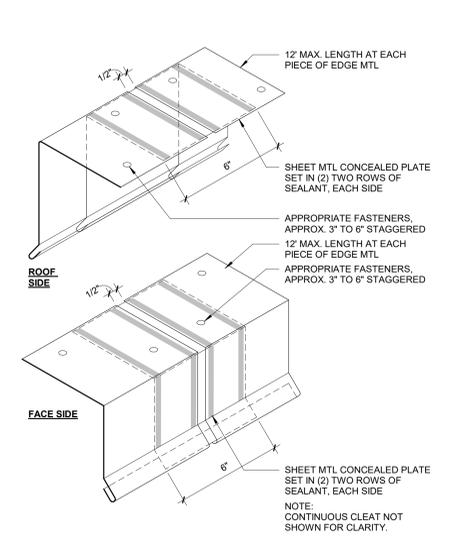
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01/10/2025

SHEET TITLE
ROOF DETAILS

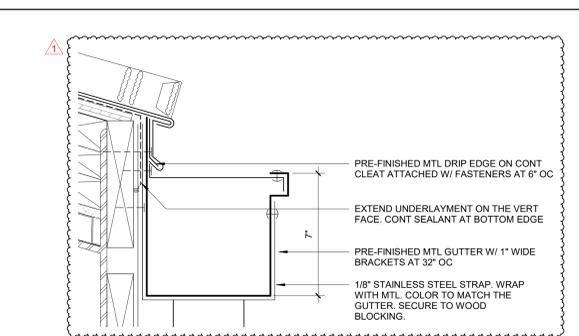
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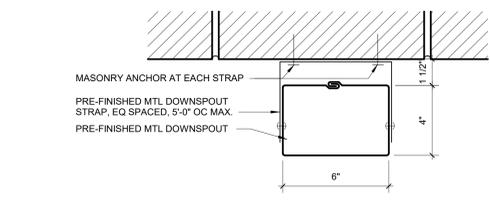
G8 TYP ROOF DETAIL - GUTTER EXPANSION JOINT
3" = 1'-0"



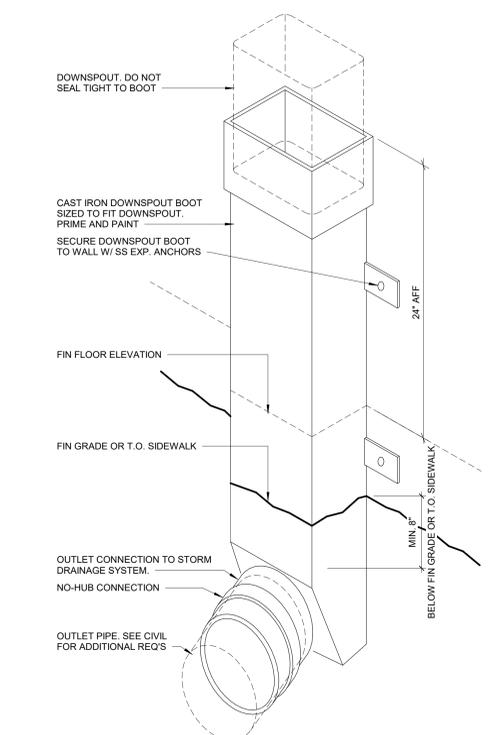
G6 TYP ROOF DETAIL - EDGE MTL W/ COVER PLATE
3" = 1'-0"



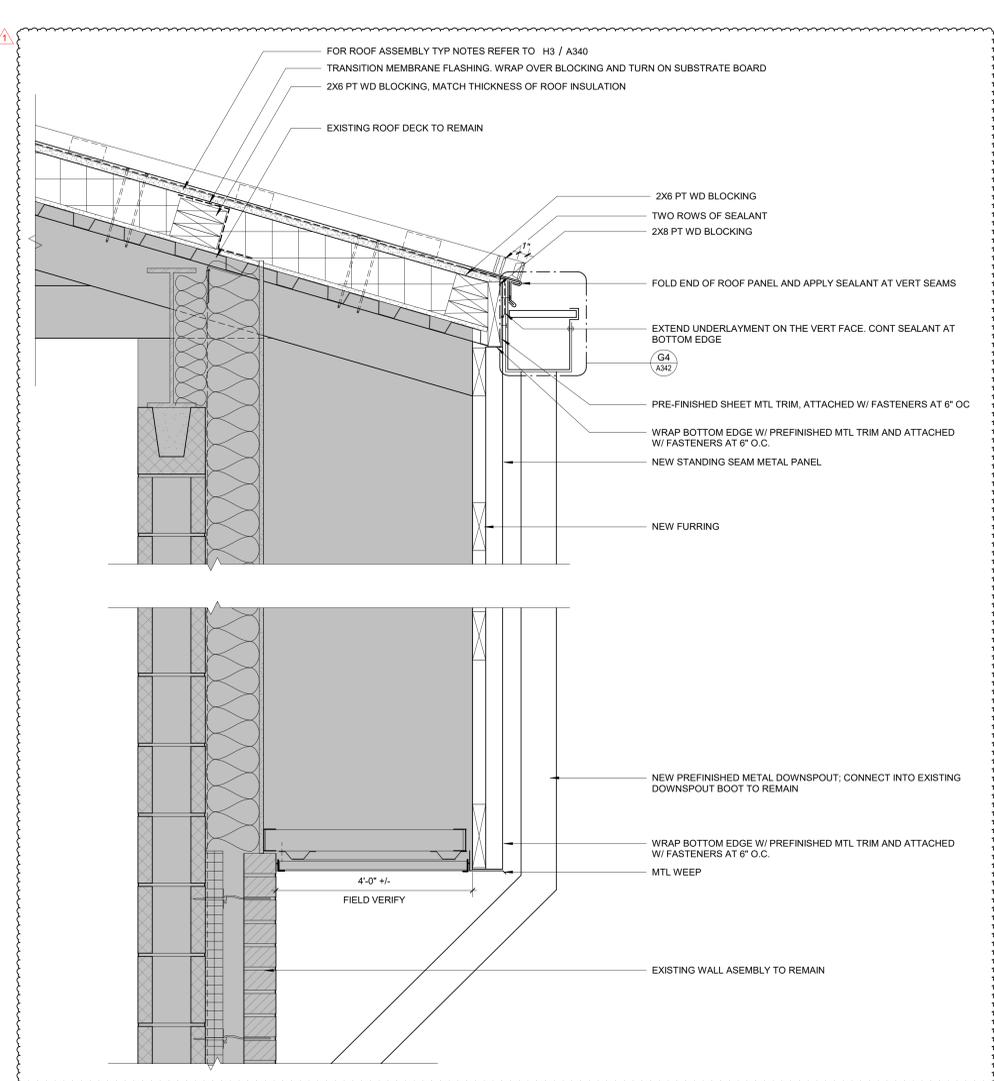
G4 TYP GUTTER DETAIL
3" = 1'-0"



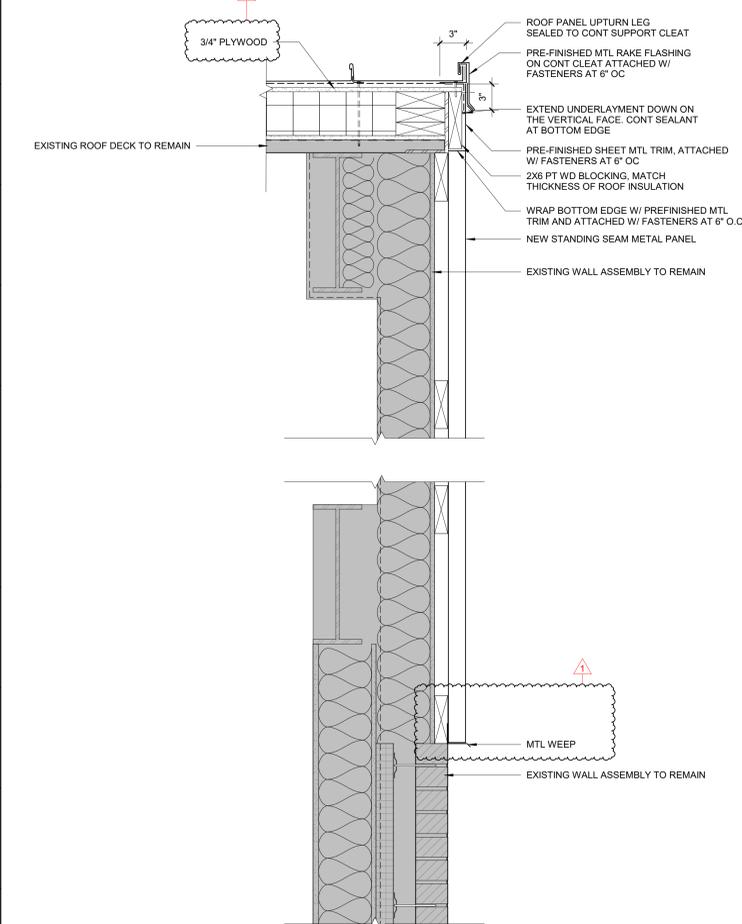
E8 TYP DOWNSPOUT DETAIL
3" = 1'-0"



A8 TYP DOWNSPOUT BOOT DETAIL
3" = 1'-0"



A4 AREA B - ROOF EAVE DETAIL - BID ALTERNATE NO. 3
1 1/2" = 1'-0"



A1 AREA B - ROOF END/RAKE DETAIL - BID ALTERNATE NO. 3
1 1/2" = 1'-0"



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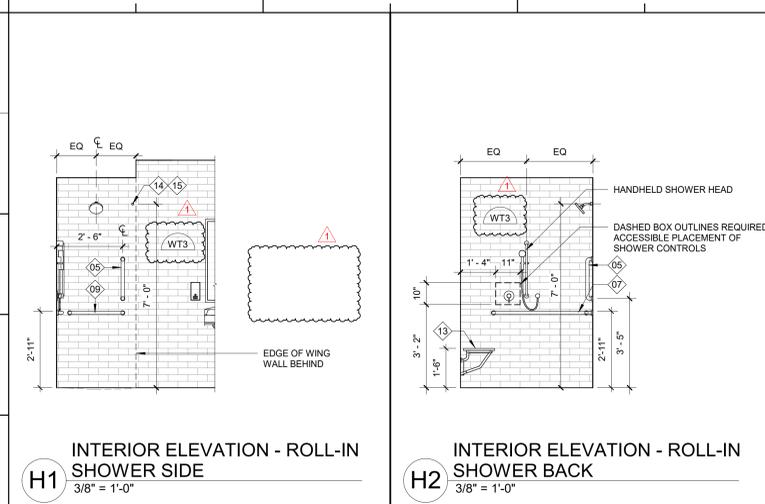
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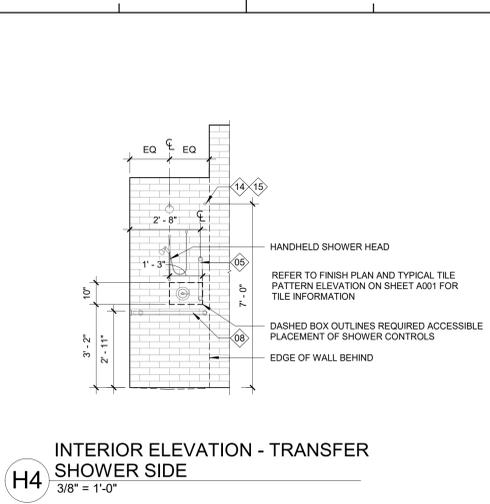
ENLARGED PLAN & INTERIOR ELEVATION GENERAL NOTES:

- SEE SHEET A000 FOR TOILET ACCESSORIES, TYPICAL MOUNTING HEIGHTS AND ADDITIONAL REQ.
- FOR FF&E LEGEND SEE A000.
- CLEAR DIMENSIONS ARE FROM FINISH FACE OF THE WALL TO FINISH FACE OF THE WALL OR PARTITION.
- PROVIDE 2X SOLID WOOD BLOCKING CONCEALED IN METAL STUD WALL CONSTRUCTION FOR WALL-MOUNTED FIXTURES, FURNISHINGS, EQUIPMENT AND ACCESSORIES.



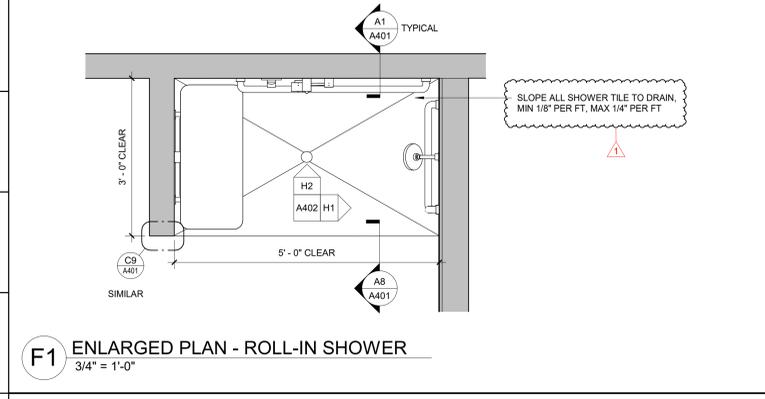
H1 INTERIOR ELEVATION - ROLL-IN SHOWER SIDE
3/8" = 1'-0"

H2 INTERIOR ELEVATION - ROLL-IN SHOWER BACK
3/8" = 1'-0"

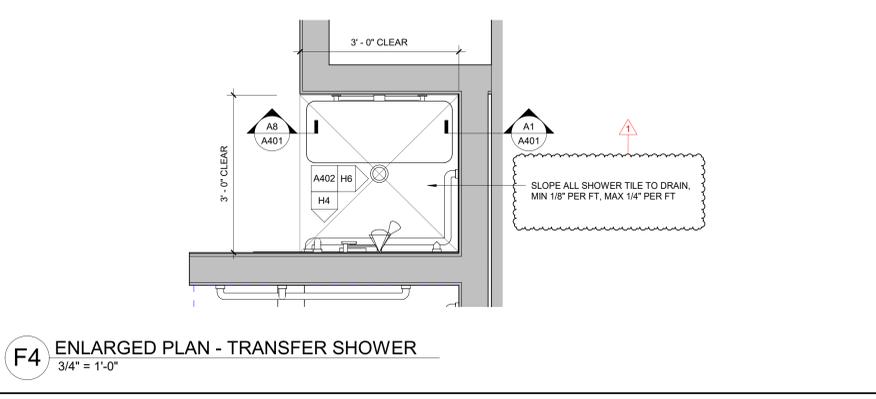


H4 INTERIOR ELEVATION - TRANSFER SHOWER SIDE
3/8" = 1'-0"

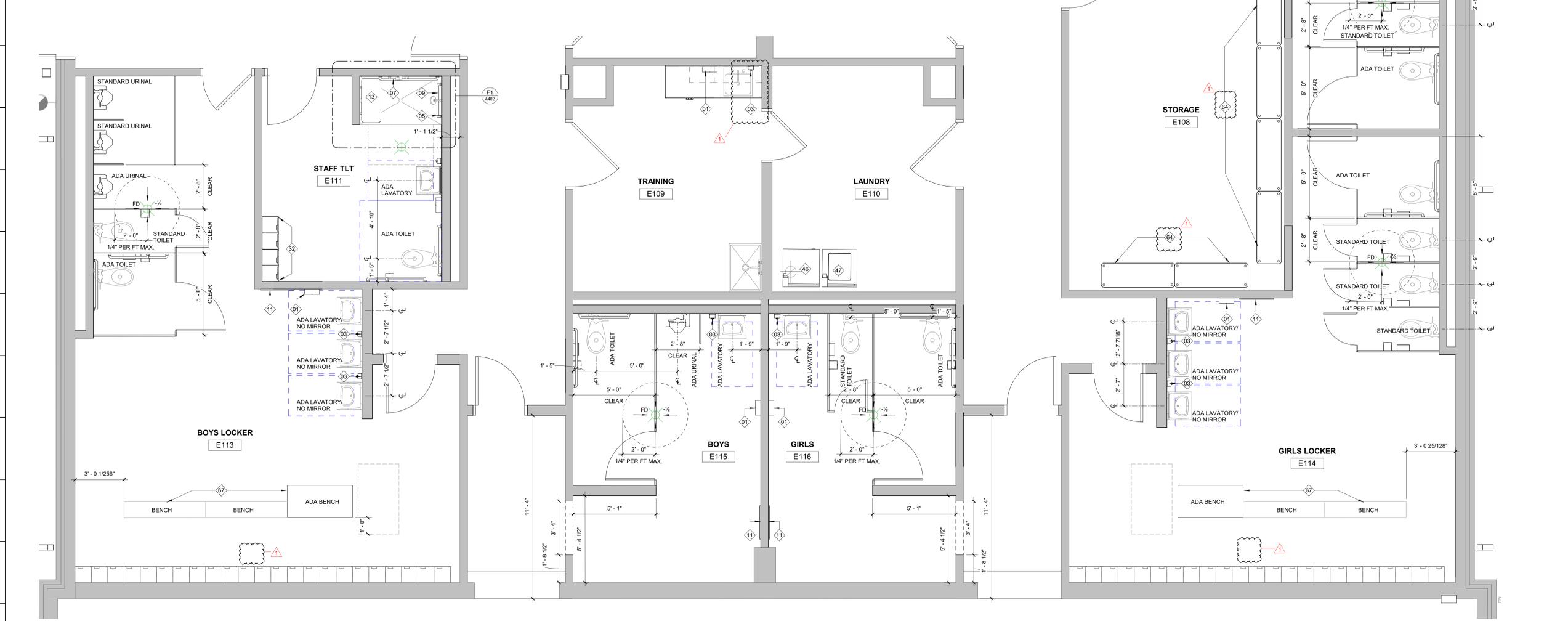
H6 INTERIOR ELEVATION - TRANSFER SHOWER BACK
3/8" = 1'-0"



F1 ENLARGED PLAN - ROLL-IN SHOWER
3/4" = 1'-0"



F4 ENLARGED PLAN - TRANSFER SHOWER
3/4" = 1'-0"



A1 ENLARGED PLAN - LOCKER ROOMS
3/8" = 1'-0"

SEALS



DKA JOB NUMBER

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01/10/2025

SHEET TITLE
ENLARGED PLANS - GYM BUILDING

A402



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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

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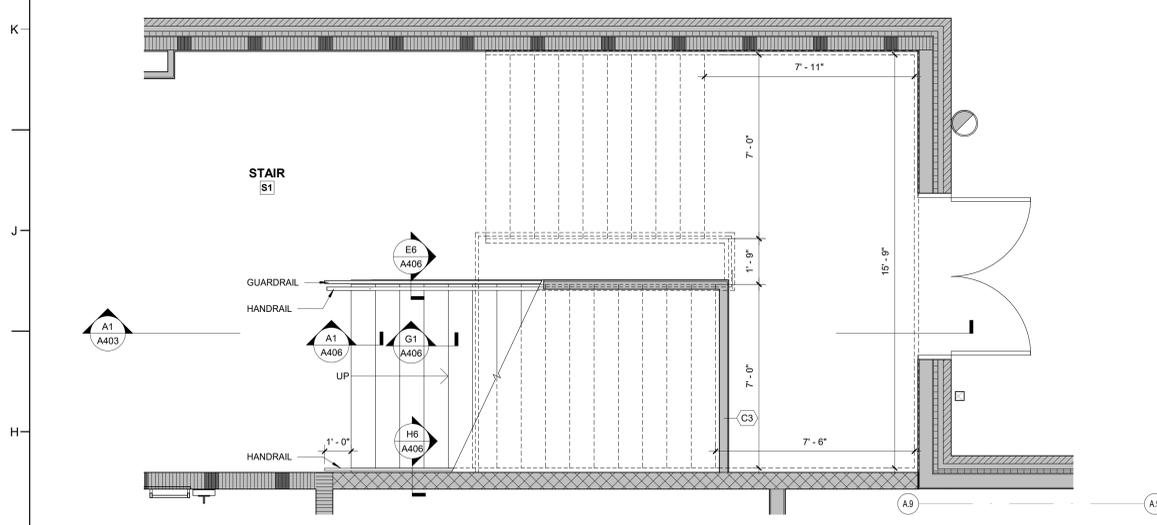
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01/10/2025

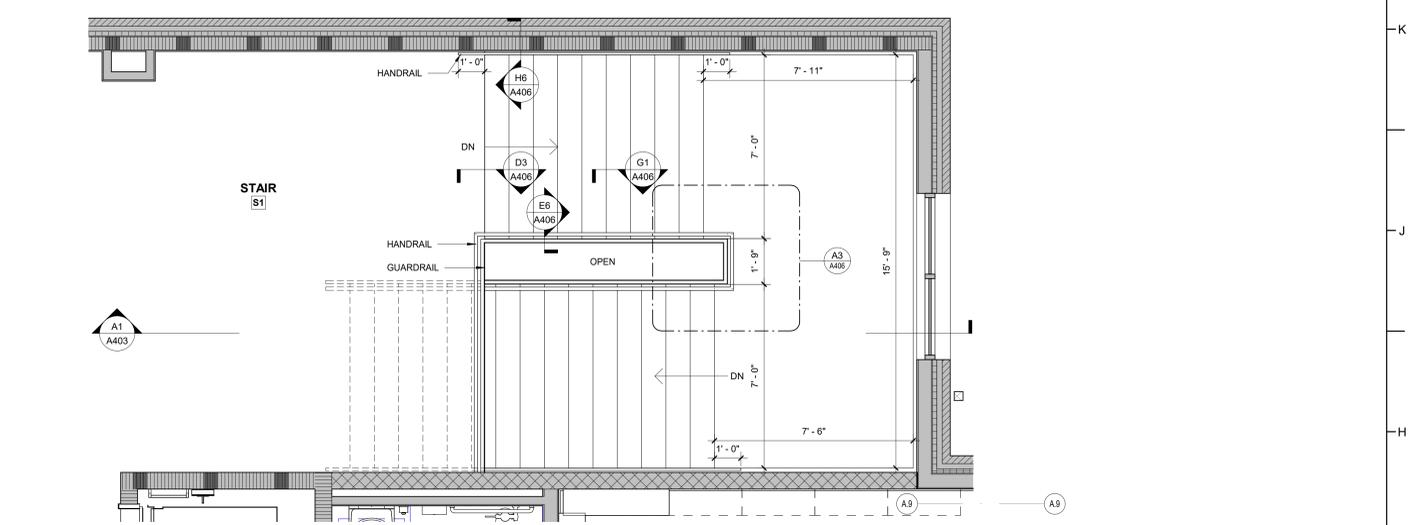
SHEET TITLE

ENLARGED PLANS - STAIRS

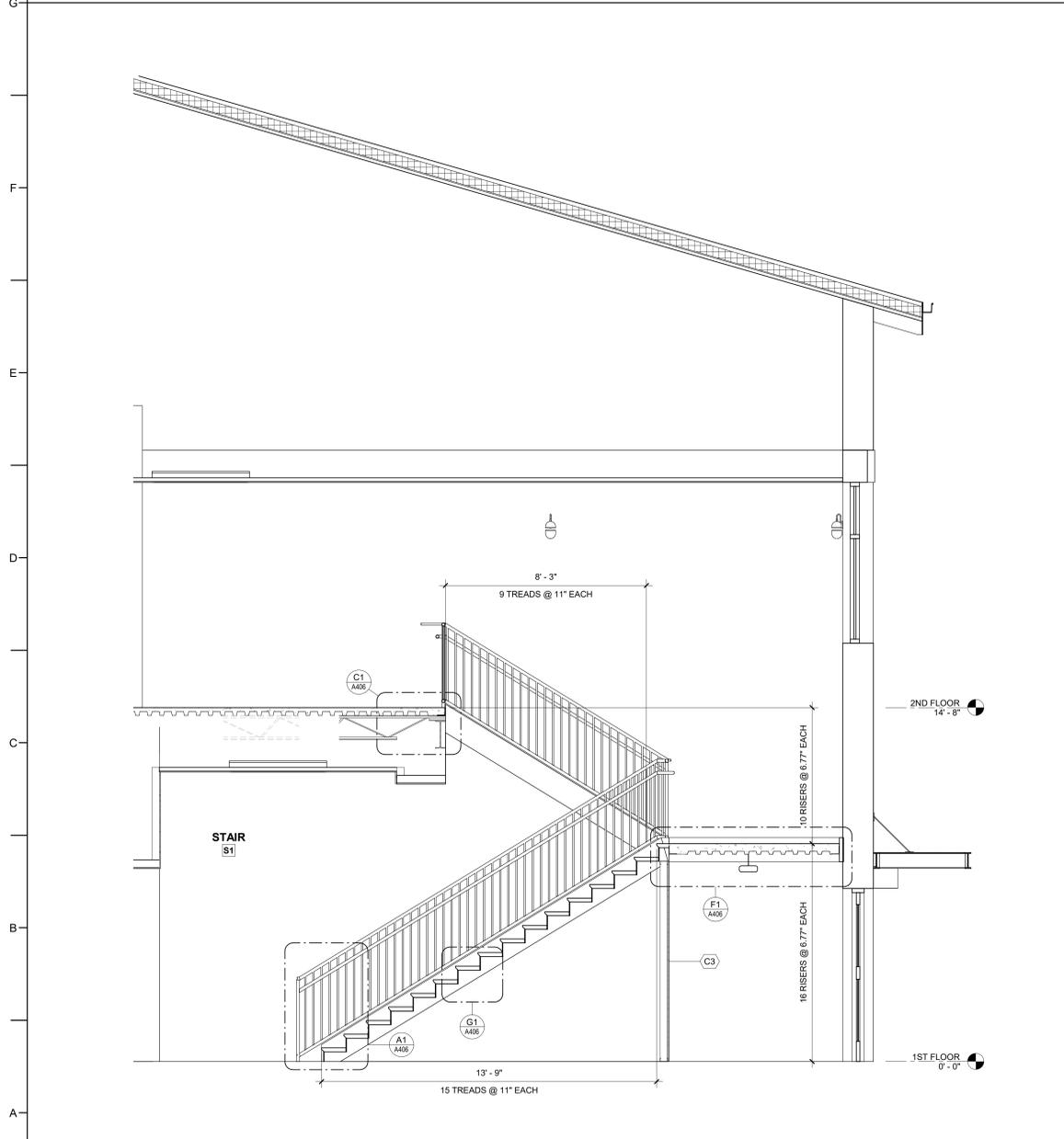
A403



G1 ENLARGED PLAN - FIRST FLOOR - STAIR S1
3/8" = 1'-0"



G5 ENLARGED PLAN - SECOND FLOOR - STAIR S1
3/8" = 1'-0"



A1 STAIR S1 SECTION
3/8" = 1'-0"



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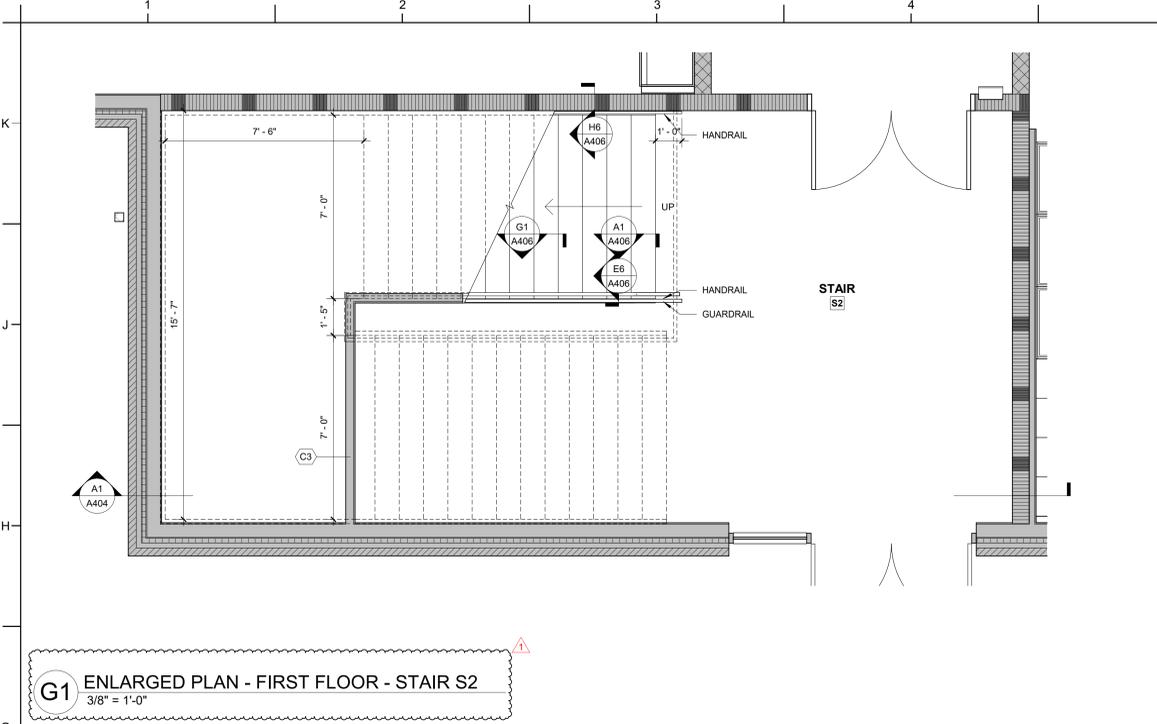
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01/10/2025

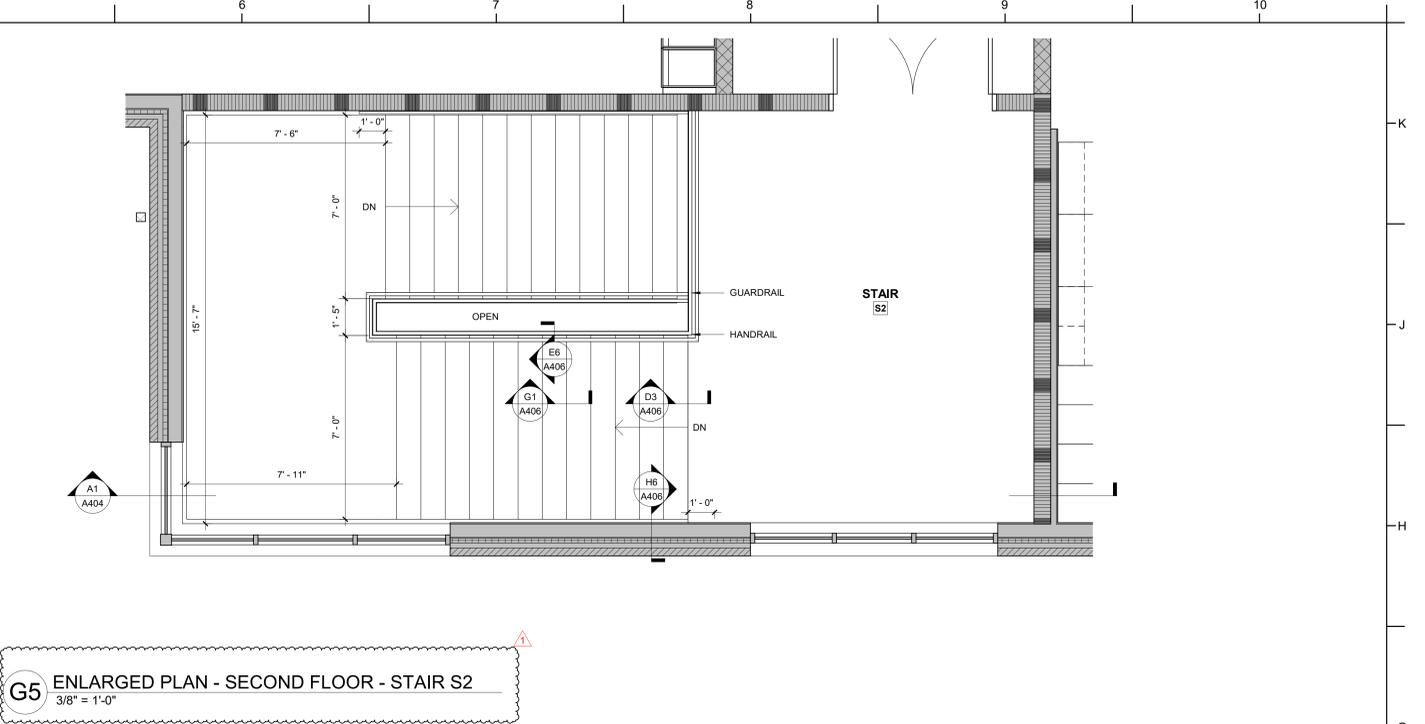
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ENLARGED PLANS - STAIRS

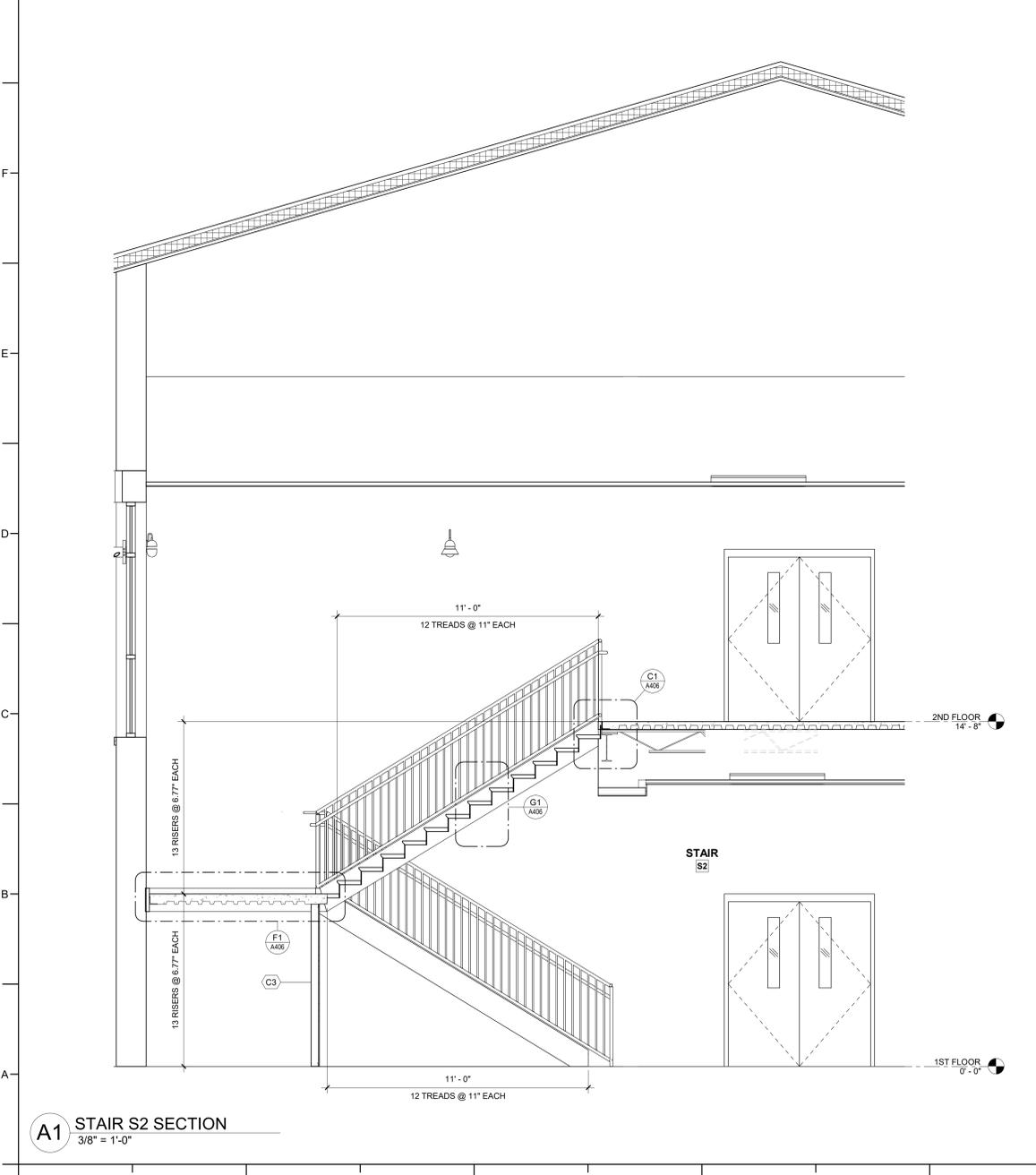
A404



G1 ENLARGED PLAN - FIRST FLOOR - STAIR S2
3/8" = 1'-0"



G5 ENLARGED PLAN - SECOND FLOOR - STAIR S2
3/8" = 1'-0"



A1 STAIR S2 SECTION
3/8" = 1'-0"



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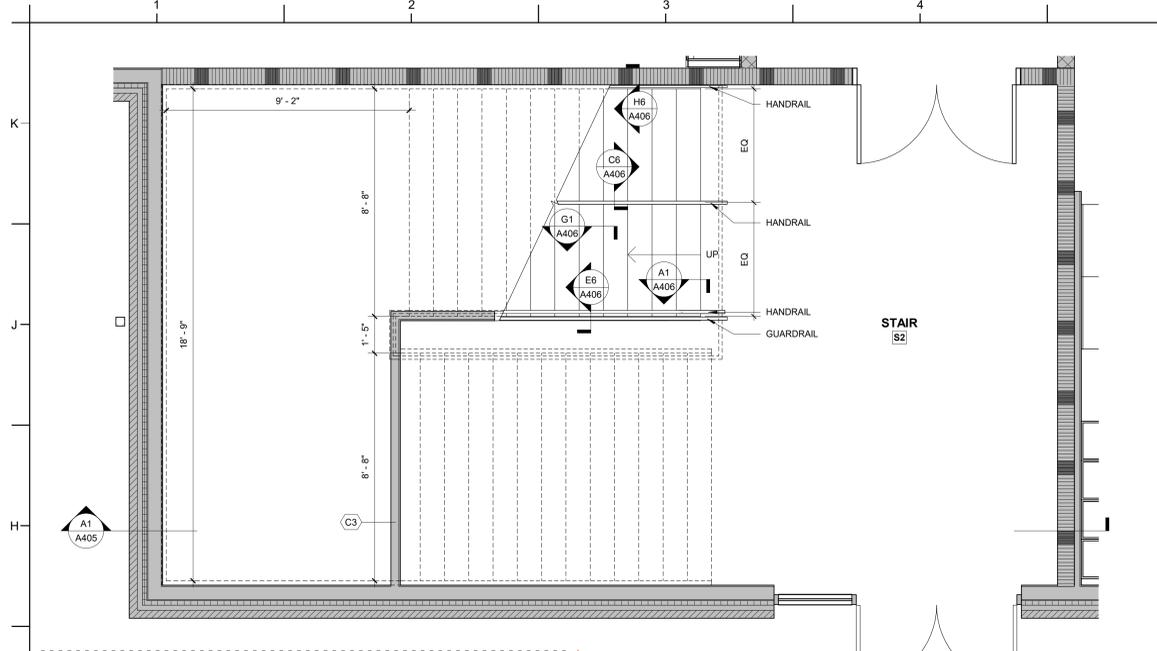
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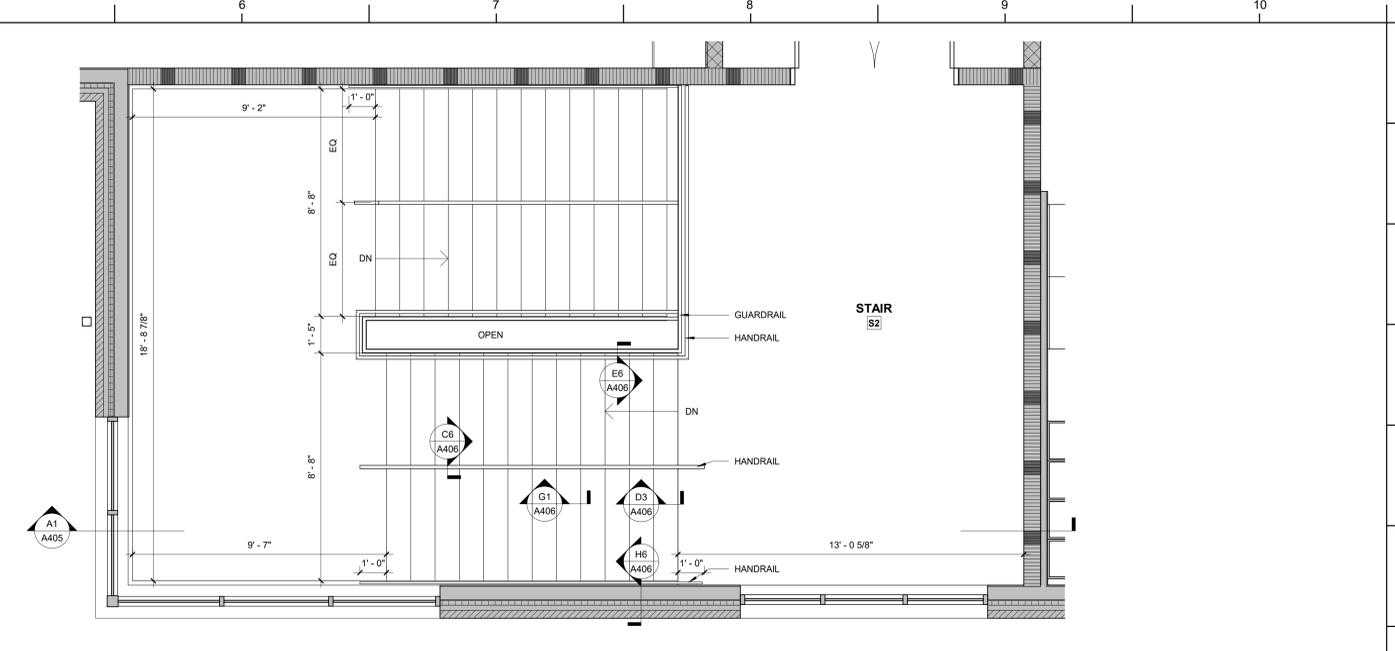
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SHEET TITLE
ENLARGED PLANS - STAIRS

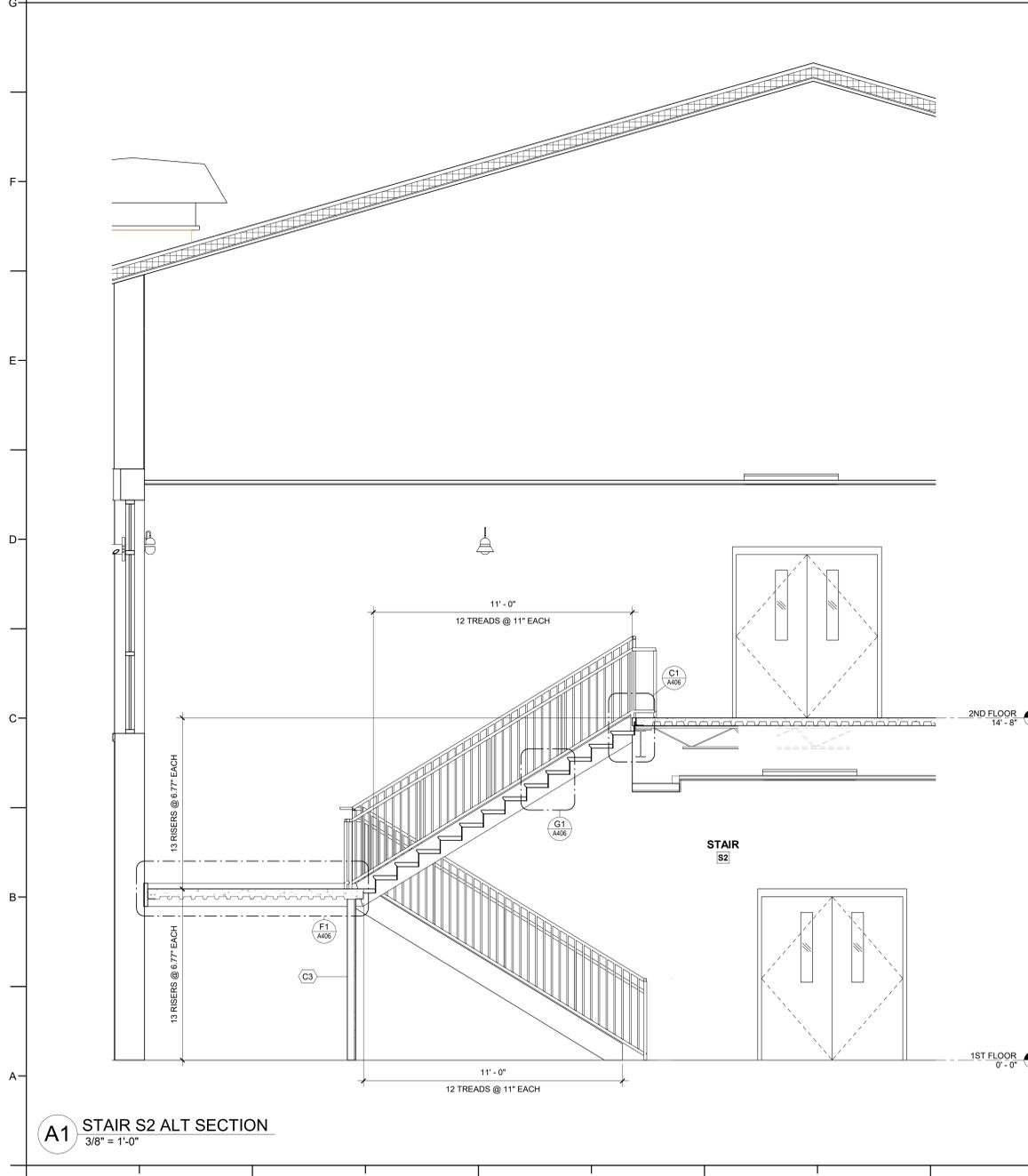
A405



G1 ENLARGED PLAN - FIRST FLOOR ALT - STAIR S2
3/8" = 1'-0"



G5 ENLARGED PLAN - SECOND FLOOR ALT - STAIR S2
3/8" = 1'-0"



A1 STAIR S2 ALT SECTION
3/8" = 1'-0"



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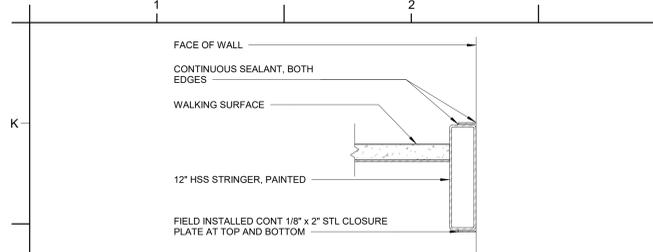
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BID DOCUMENTS
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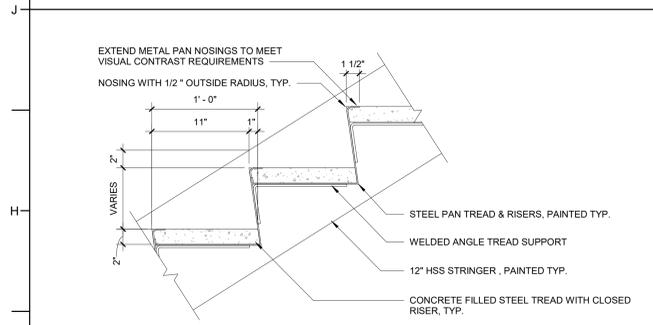
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ENLARGED PLANS - STAIR DETAILS

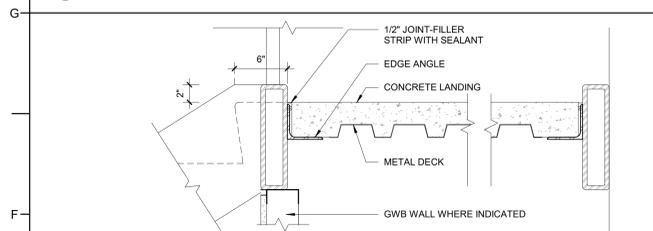
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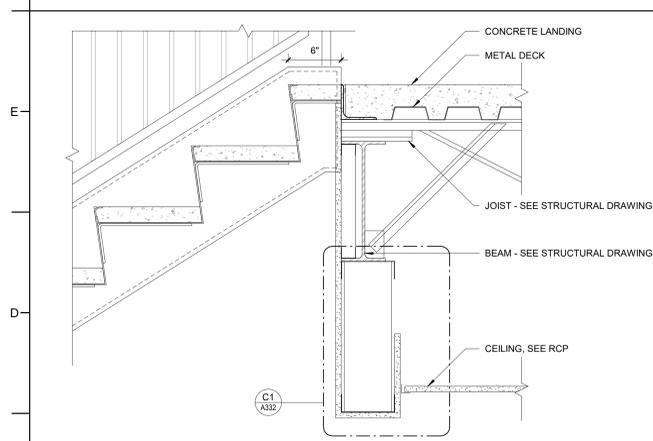
J1 TYP STRINGER SECTION
1 1/2" = 1'-0"



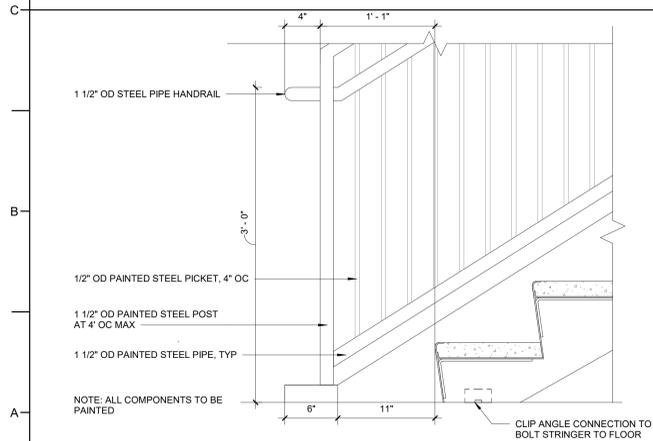
G1 TYP STAIR @ TREAD
1 1/2" = 1'-0"



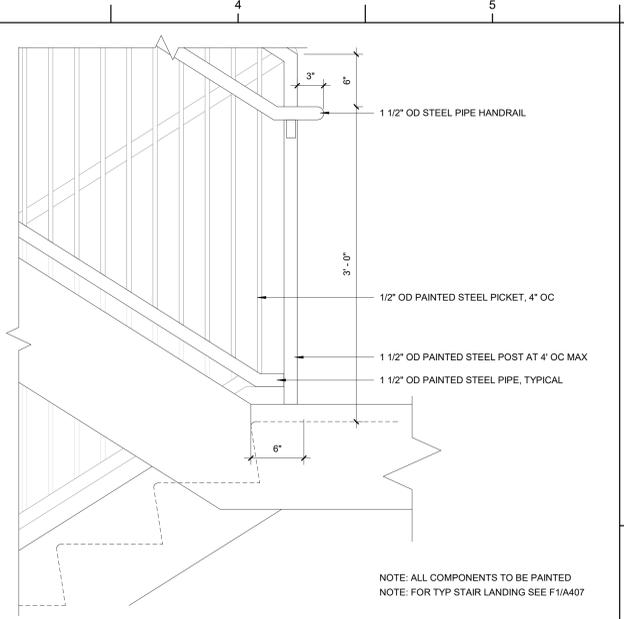
F1 TYP STAIR @ INTERMEDIATE LANDING
1 1/2" = 1'-0"



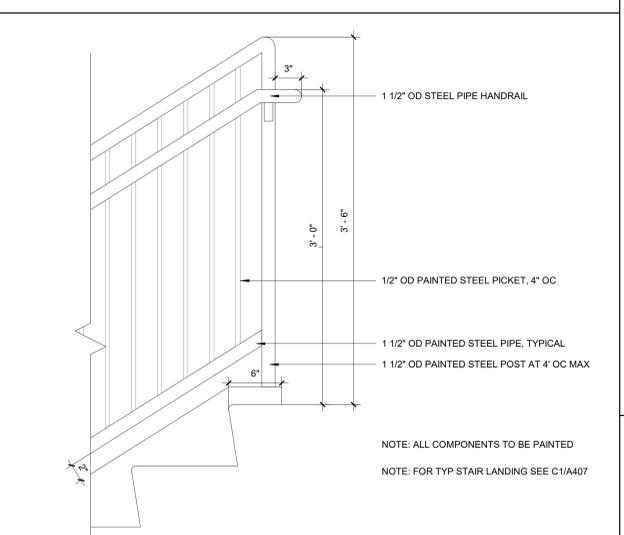
C1 TYP STAIR @ TOP LANDING SECTION
1 1/2" = 1'-0"



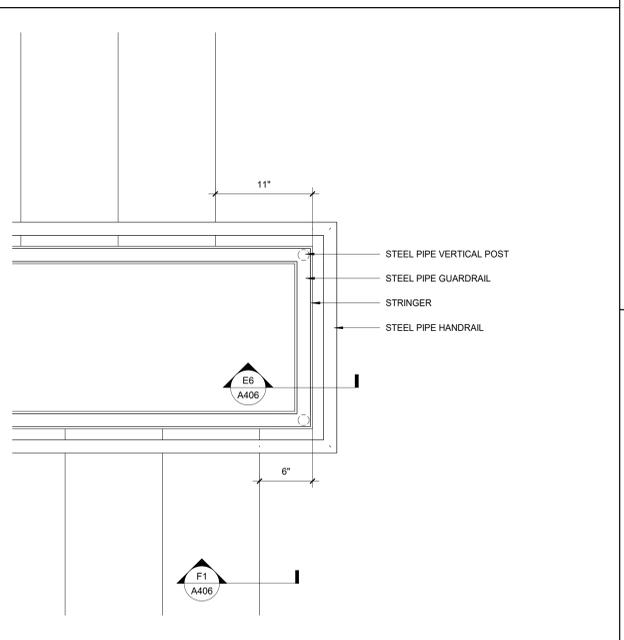
A1 TYP STAIR @ BOTTOM LANDING
1 1/2" = 1'-0"



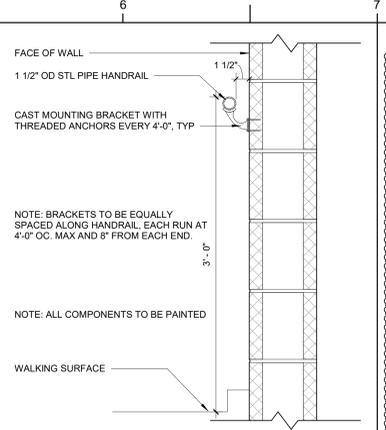
G3 TYP STAIR GUARDRAIL - ELEVATION @ INTERMEDIATE LANDING
1 1/2" = 1'-0"



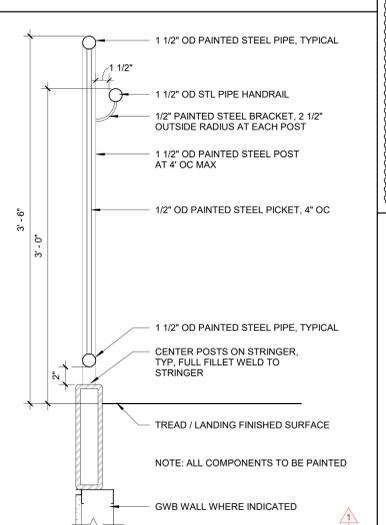
D3 TYP STAIR GUARDRAIL - ELEVATION @ TOP LANDING
1 1/2" = 1'-0"



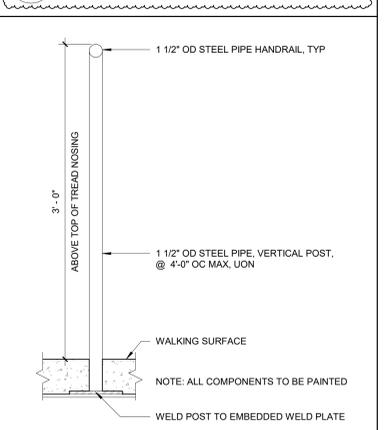
A3 TYP STAIRCASE DETAIL @ INTERMEDIATE LANDING
1 1/2" = 1'-0"



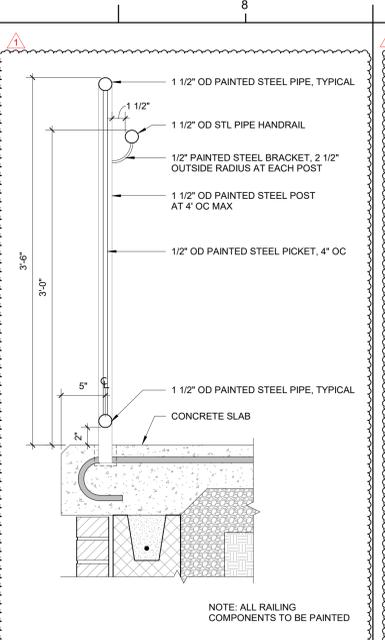
H6 TYP WALL MTD HANDRAIL
1 1/2" = 1'-0"



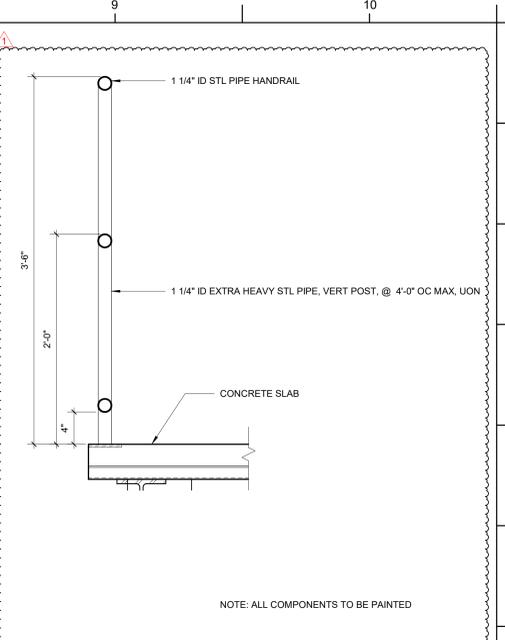
E6 TYP STAIR - VERTICAL PICKET GUARDRAIL SECTION
1 1/2" = 1'-0"



C6 TYP INTERIOR STAIR PIPE CENTER HANDRAIL SECTION
1 1/2" = 1'-0"



G7 TYP GUARDRAIL - SECTION @ LOADING DOCK RAMP
1 1/2" = 1'-0"



G9 TYP GUARDRAIL - SECTION AT MECHANICAL
1 1/2" = 1'-0"



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PROJECT INFORMATION

**ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION**
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

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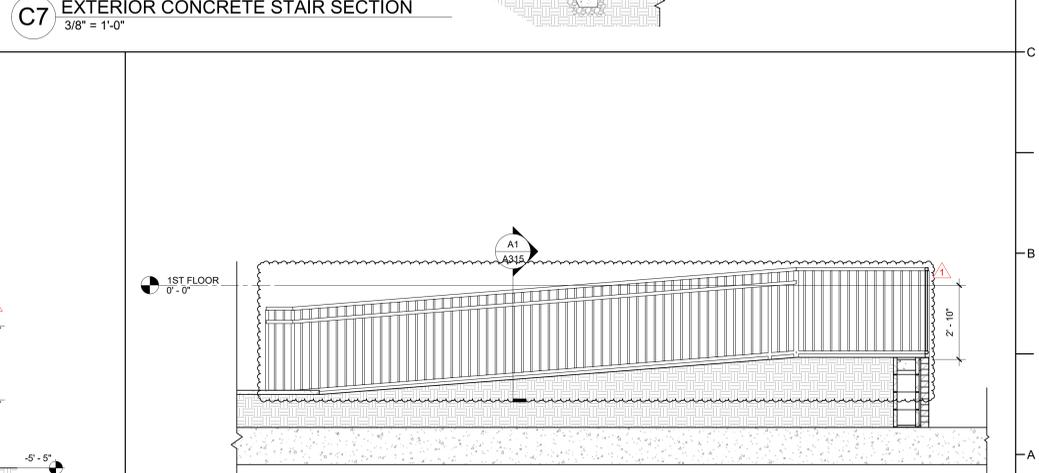
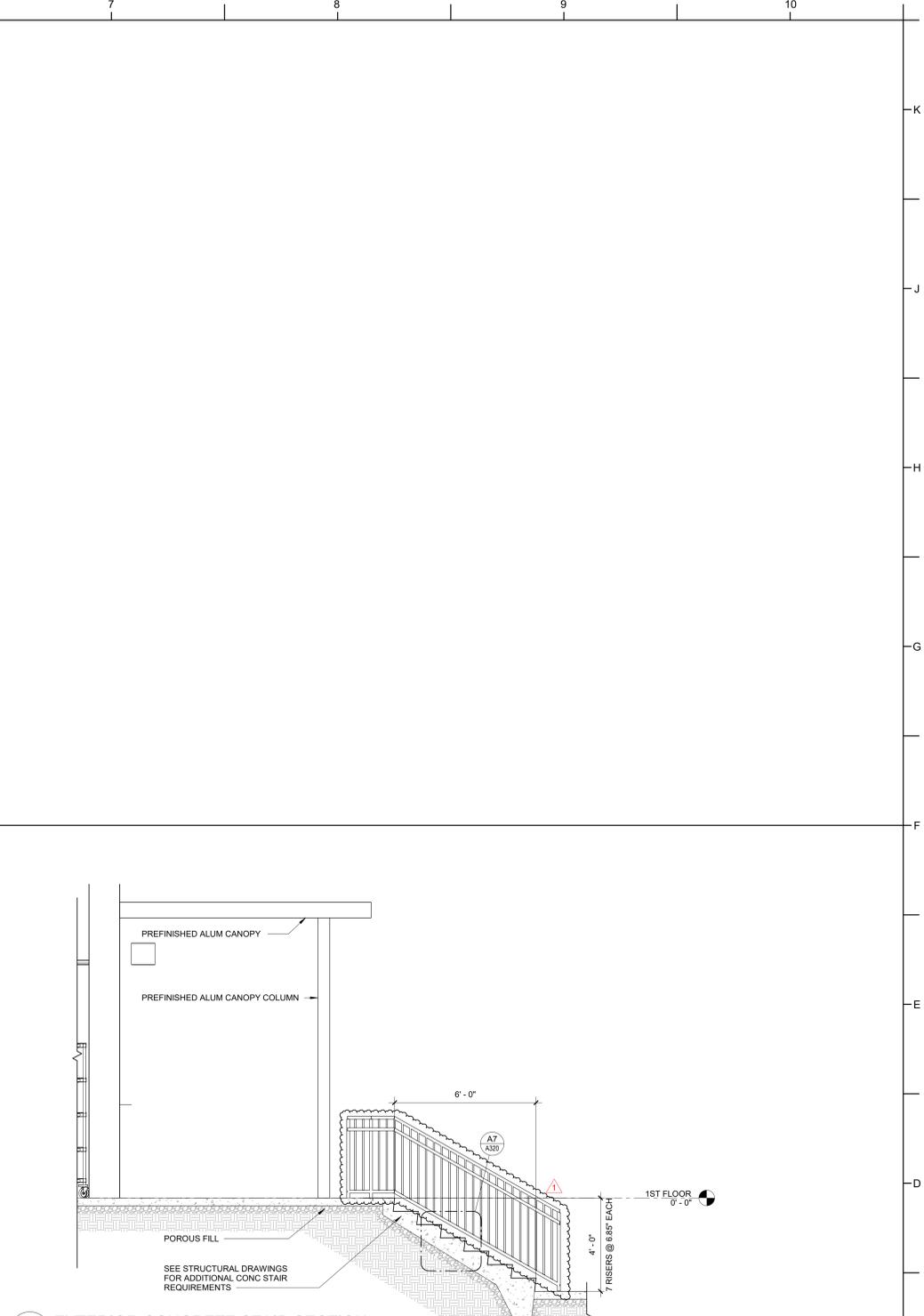
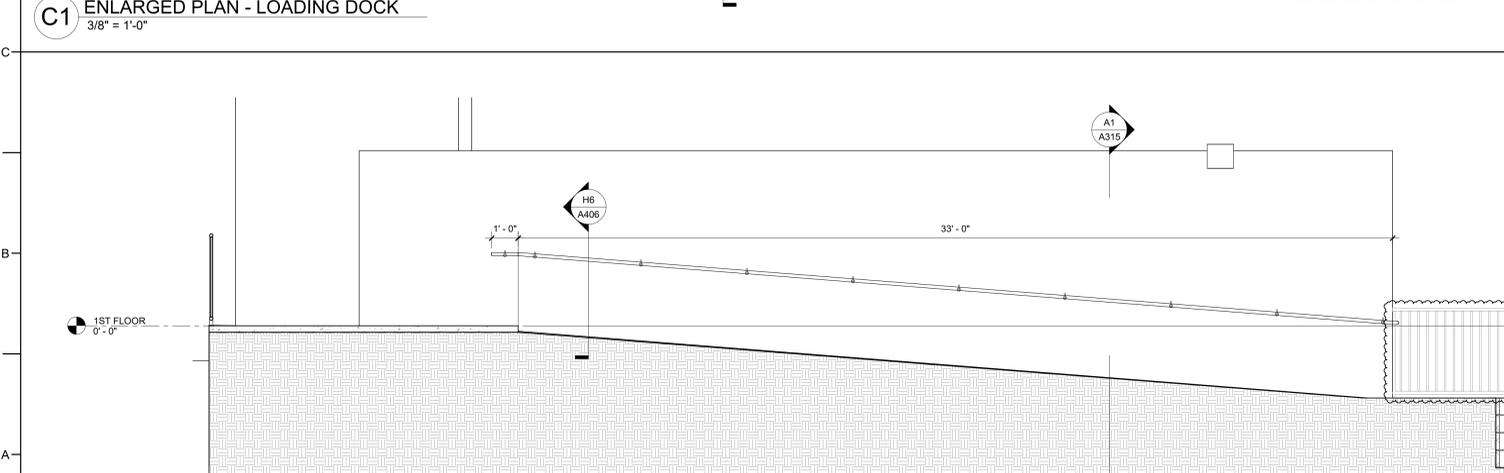
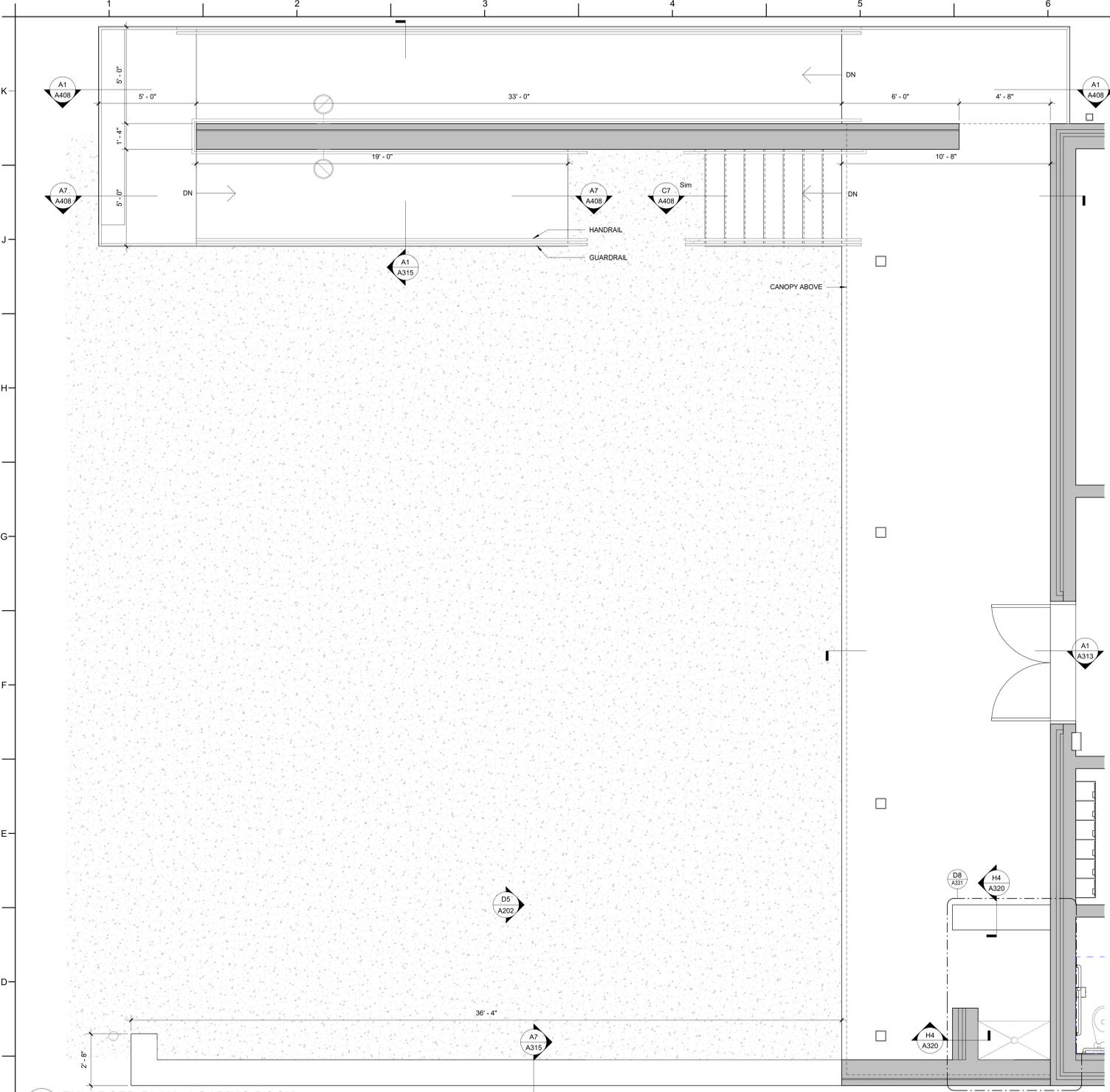
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SHEET TITLE

ENLARGED PLANS -
LOADING DOCK

A408





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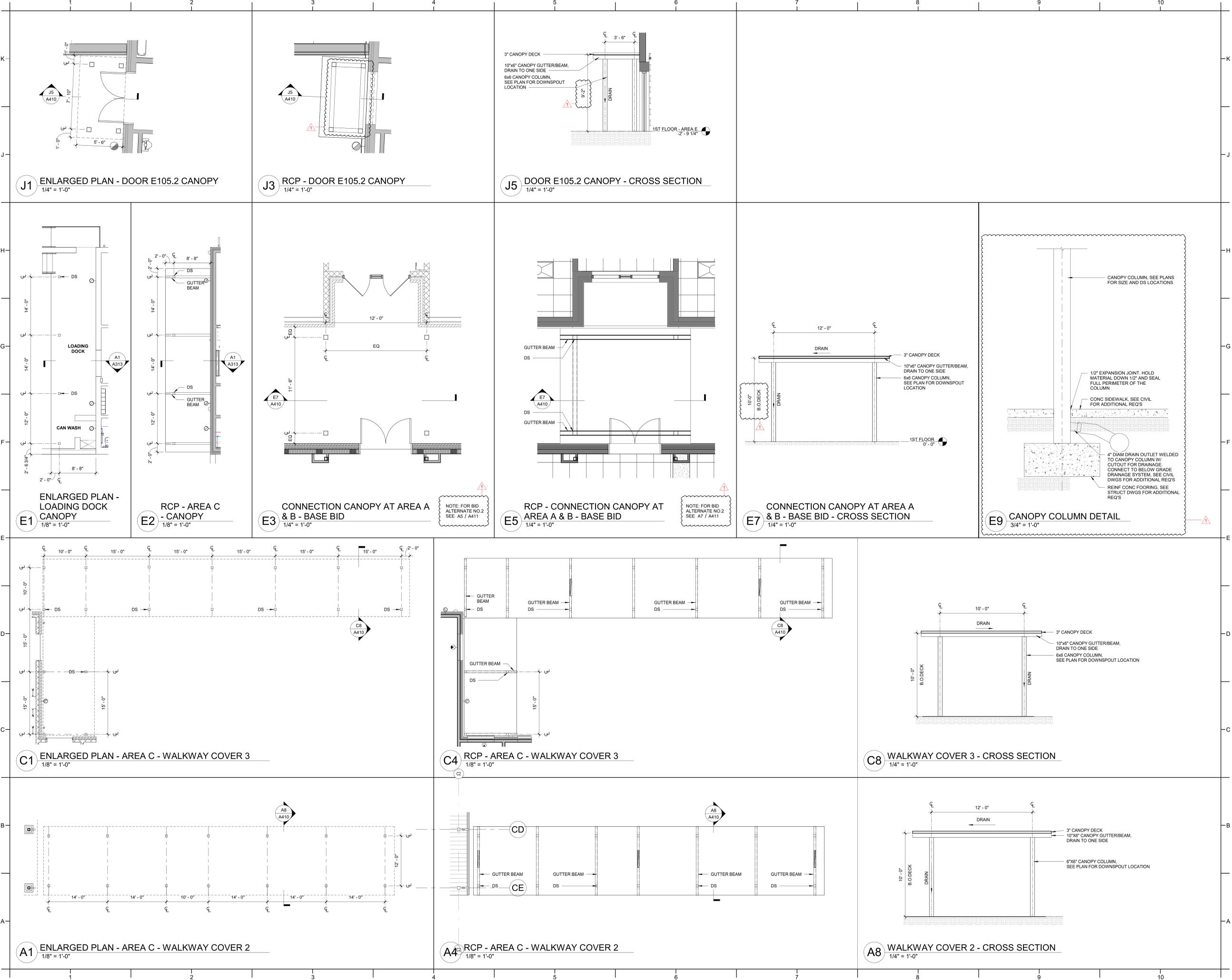
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SHEET TITLE

ENLARGED PLANS - CANOPY

A410



J1 ENLARGED PLAN - DOOR E105.2 CANOPY
1/4" = 1'-0"

J3 RCP - DOOR E105.2 CANOPY
1/4" = 1'-0"

J5 DOOR E105.2 CANOPY - CROSS SECTION
1/4" = 1'-0"

E1 ENLARGED PLAN - LOADING DOCK CANOPY
1/8" = 1'-0"

E2 RCP - AREA C - CANOPY
1/8" = 1'-0"

E3 CONNECTION CANOPY AT AREA A & B - BASE BID
1/4" = 1'-0"

E5 RCP - CONNECTION CANOPY AT AREA A & B - BASE BID
1/4" = 1'-0"

E7 CONNECTION CANOPY AT AREA A & B - BASE BID - CROSS SECTION
1/4" = 1'-0"

E9 CANOPY COLUMN DETAIL
3/4" = 1'-0"

C1 ENLARGED PLAN - AREA C - WALKWAY COVER 3
1/8" = 1'-0"

C4 RCP - AREA C - WALKWAY COVER 3
1/8" = 1'-0"

C8 WALKWAY COVER 3 - CROSS SECTION
1/4" = 1'-0"

A1 ENLARGED PLAN - AREA C - WALKWAY COVER 2
1/8" = 1'-0"

A4 RCP - AREA C - WALKWAY COVER 2
1/8" = 1'-0"

A8 WALKWAY COVER 2 - CROSS SECTION
1/4" = 1'-0"



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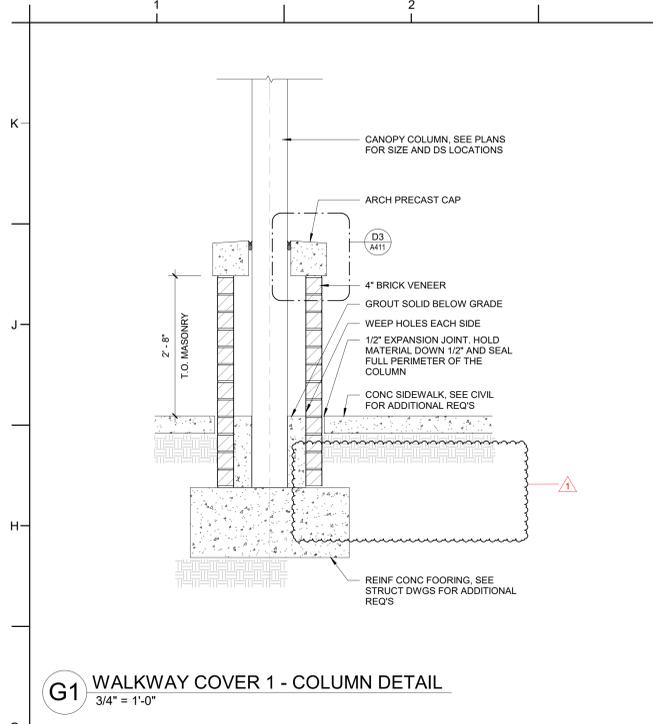
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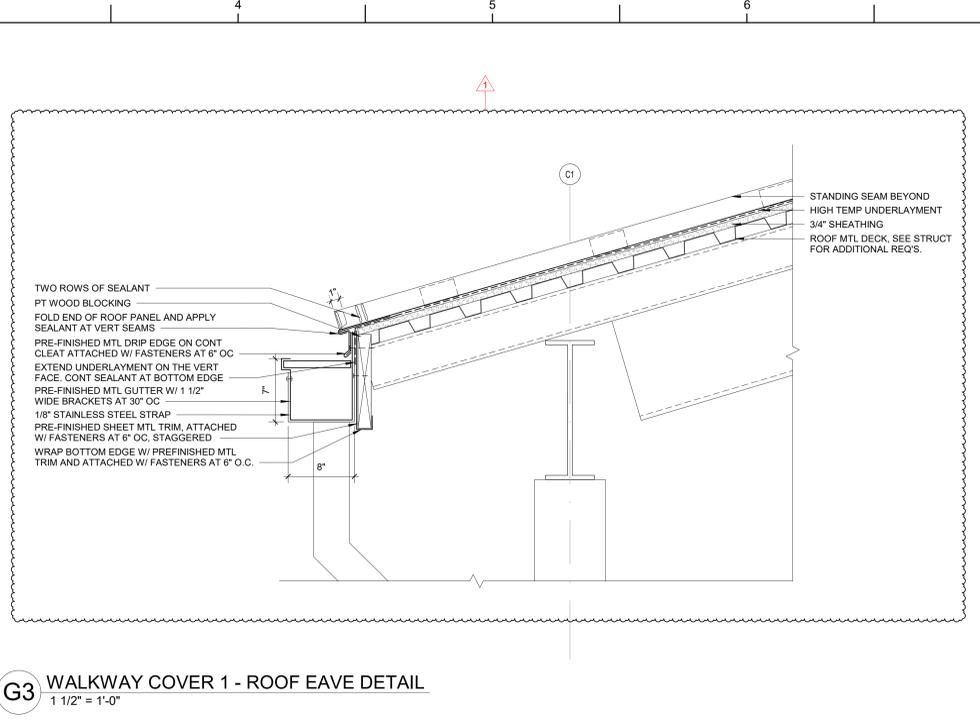
SHEET TITLE

ENLARGED PLANS - CANOPY

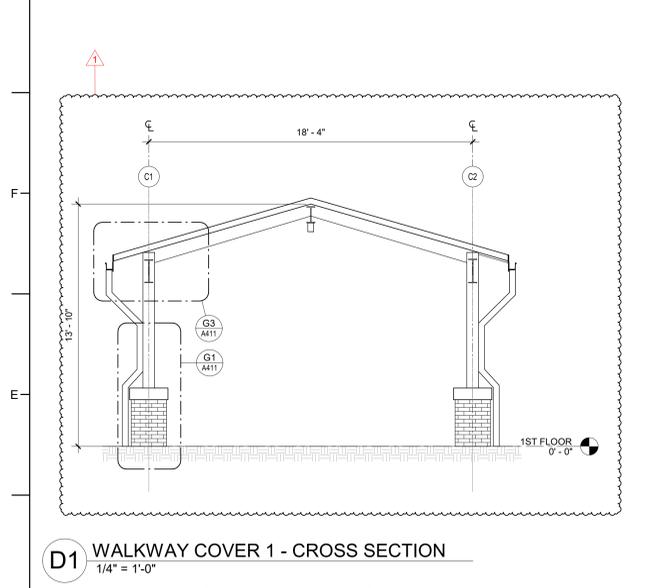
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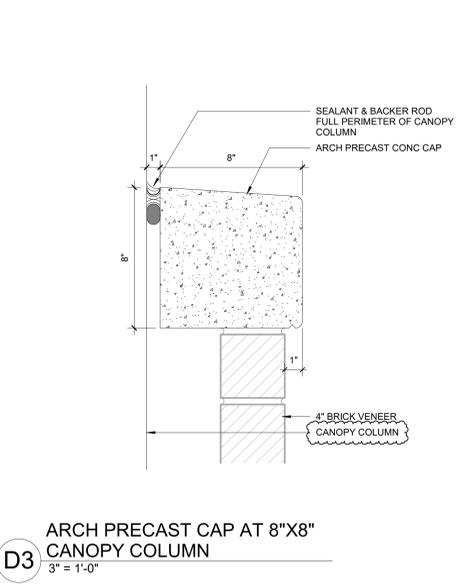
G1 WALKWAY COVER 1 - COLUMN DETAIL
3/4" = 1'-0"



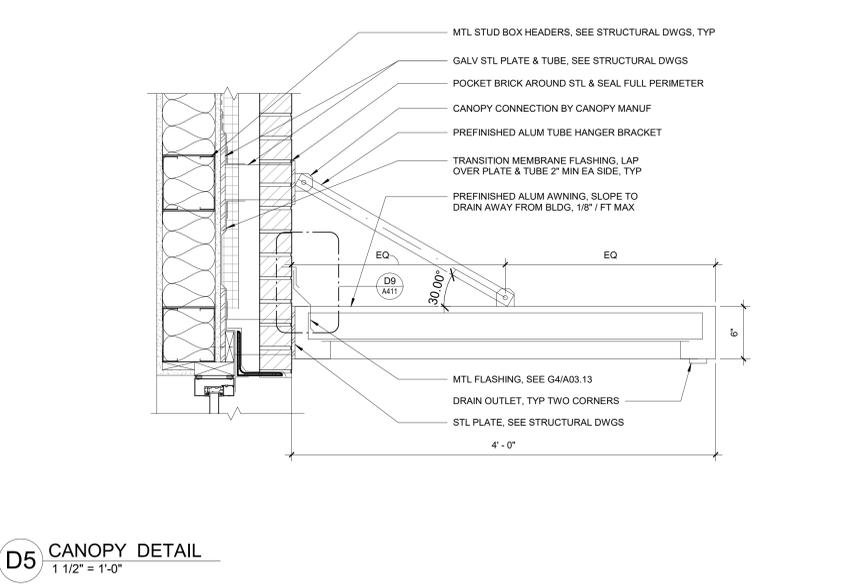
G3 WALKWAY COVER 1 - ROOF EAVE DETAIL
1 1/2" = 1'-0"



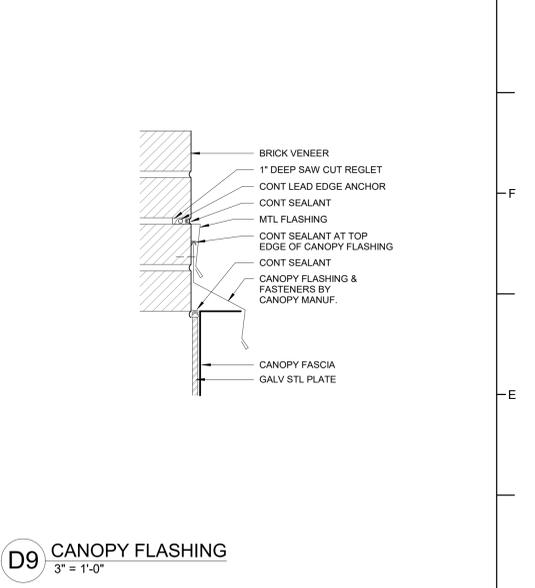
D1 WALKWAY COVER 1 - CROSS SECTION
1/4" = 1'-0"



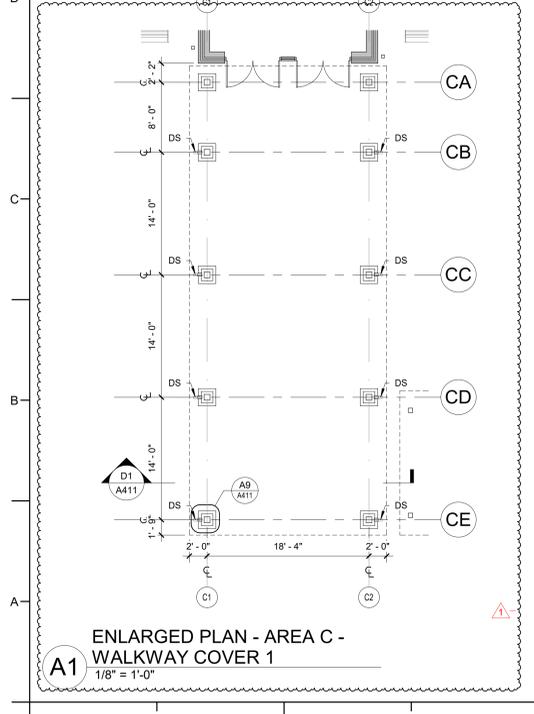
D3 ARCH PRECAST CAP AT 8"X8" CANOPY COLUMN
3" = 1'-0"



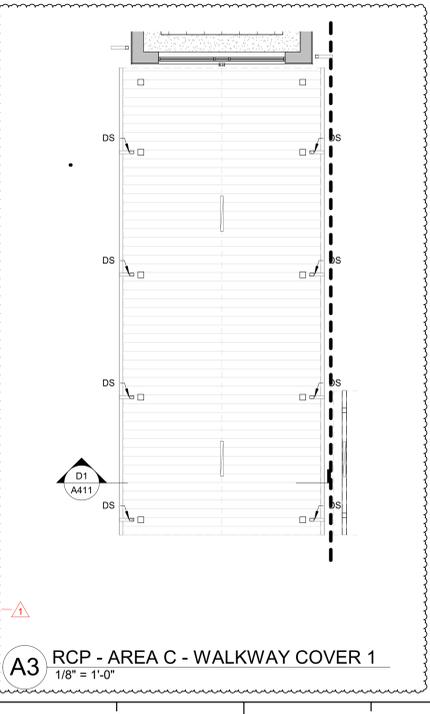
D5 CANOPY DETAIL
1 1/2" = 1'-0"



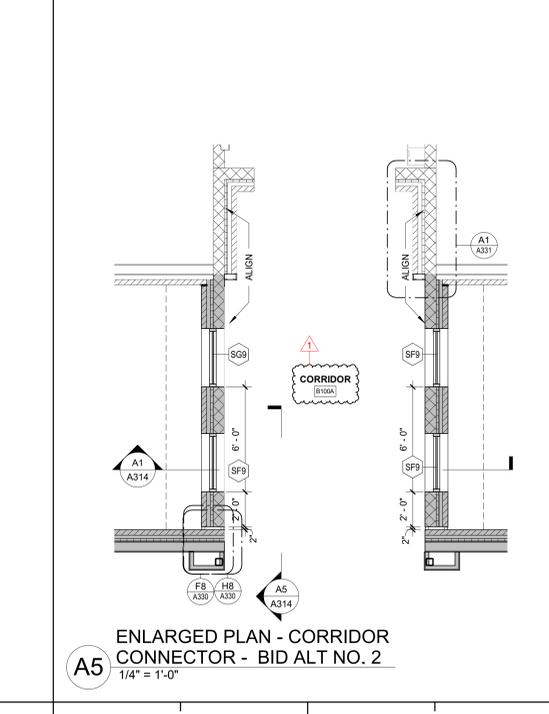
D9 CANOPY FLASHING
3" = 1'-0"



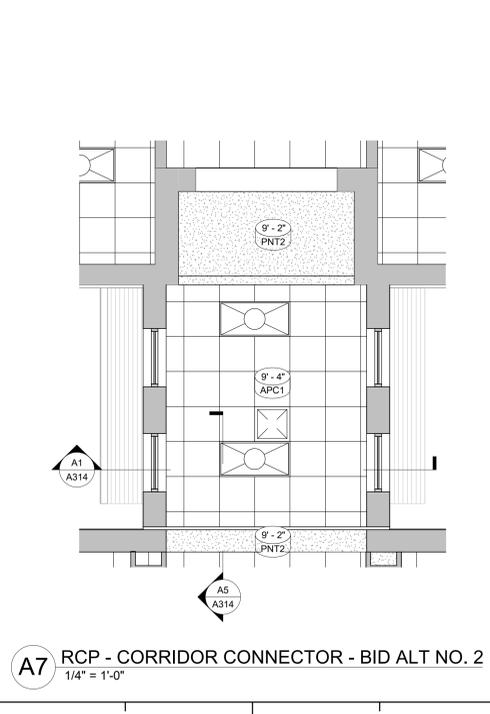
A1 ENLARGED PLAN - AREA C - WALKWAY COVER 1
1/8" = 1'-0"



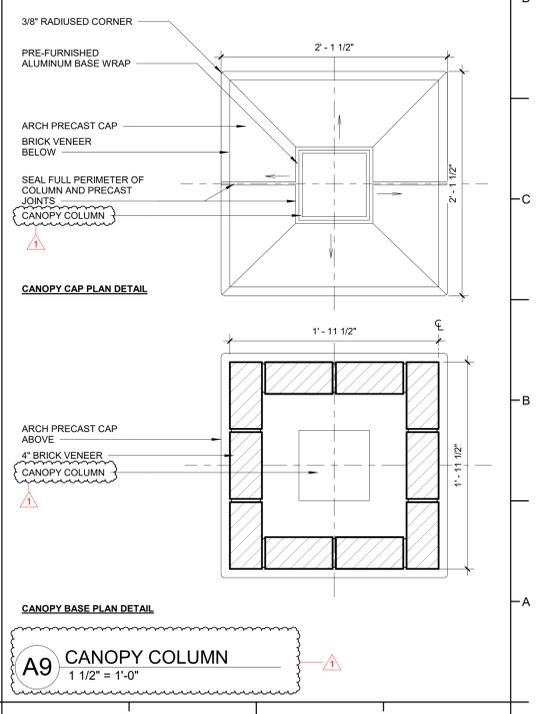
A3 RCP - AREA C - WALKWAY COVER 1
1/8" = 1'-0"



A5 ENLARGED PLAN - CORRIDOR CONNECTOR - BID ALT NO. 2
1/4" = 1'-0"



A7 RCP - CORRIDOR CONNECTOR - BID ALT NO. 2
1/4" = 1'-0"



A9 CANOPY COLUMN
1 1/2" = 1'-0"



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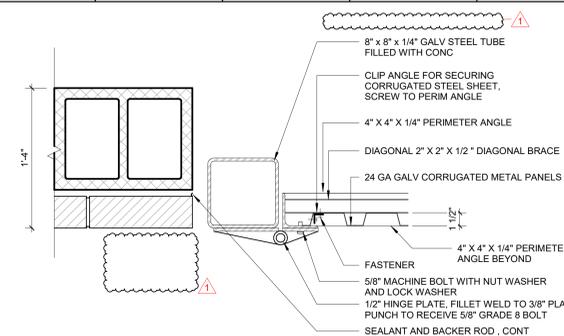
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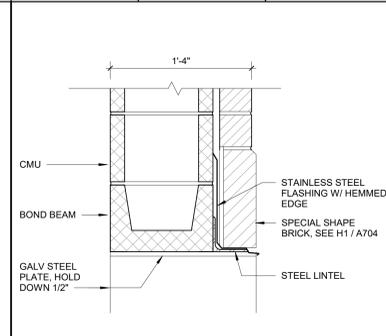
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01/10/2025

SHEET TITLE
ENLARGED PLANS -
MECHANICAL YARD

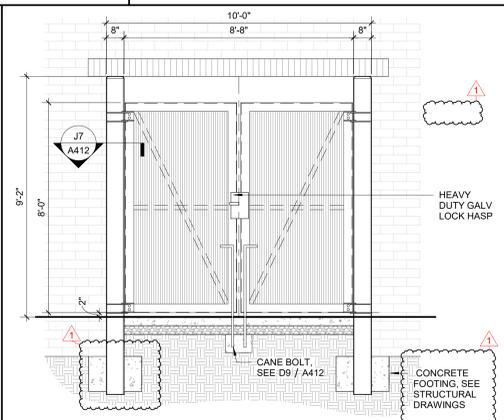
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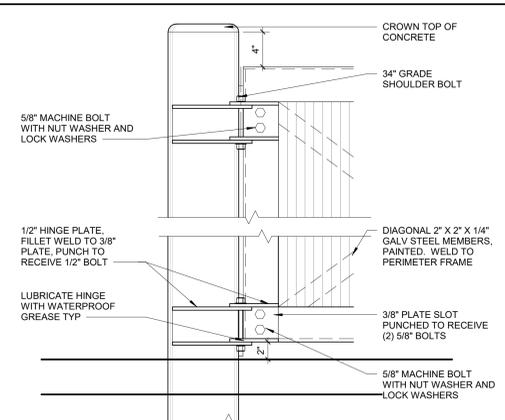
J7 GATE AT ENCLOSURE DOOR JAMB SECTION DETAIL
1 1/2" = 1'-0"



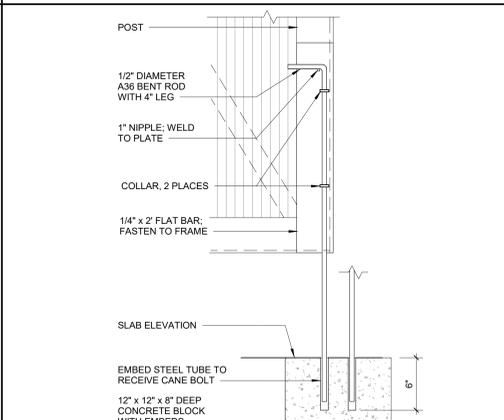
J9 GATE AT ENCLOSURE HEAD DETAIL
1 1/2" = 1'-0"



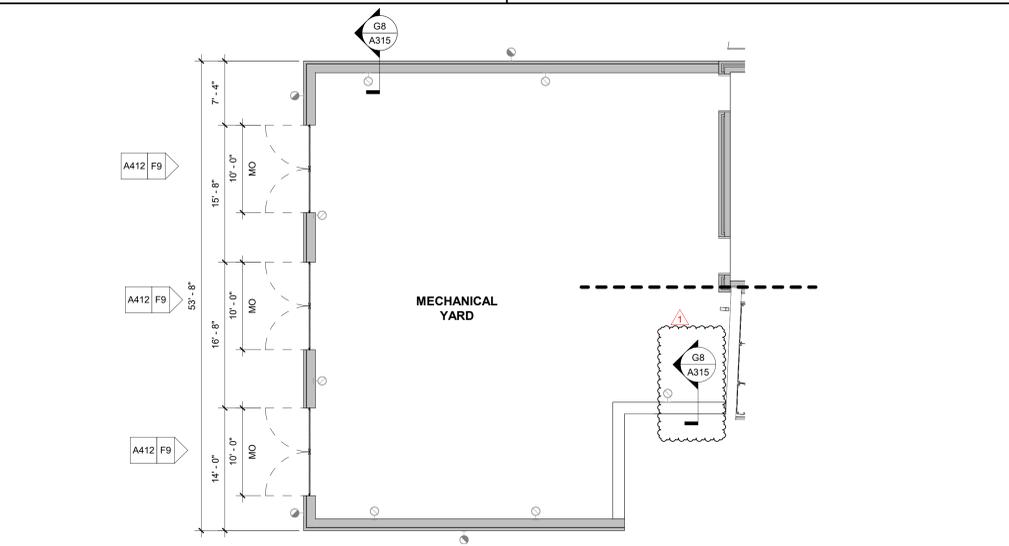
F9 GATE AT ENCLOSURE ELEVATION
3/8" = 1'-0"



D7 GATE AT ENCLOSURE JAMB ELEVATION DETAIL
1 1/2" = 1'-0"



D9 GATE AT ENCLOSURE CANE BOLT DETAIL
1 1/2" = 1'-0"



A7 1ST FLOOR - MECHANICAL ENCLOSURE
1/8" = 1'-0"



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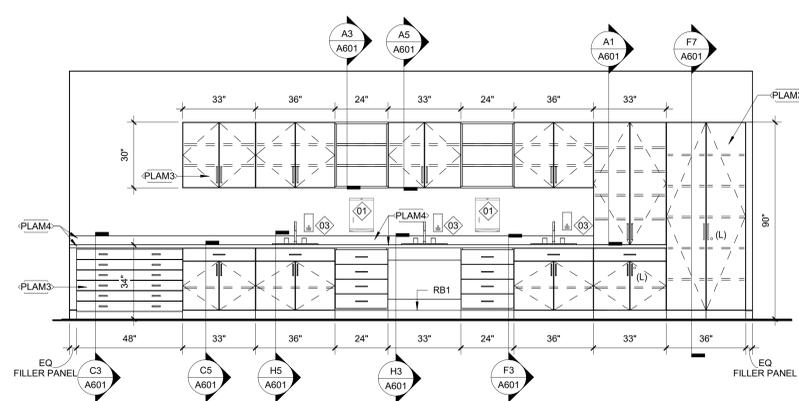
PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

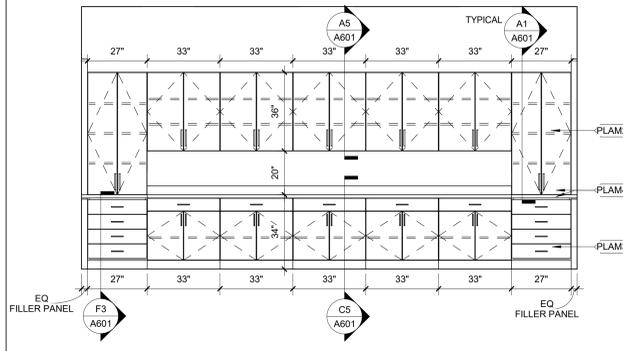
541 North Carolina 581 S, Goldsboro, NC 27530

INTERIOR ELEVATION GENERAL NOTES:

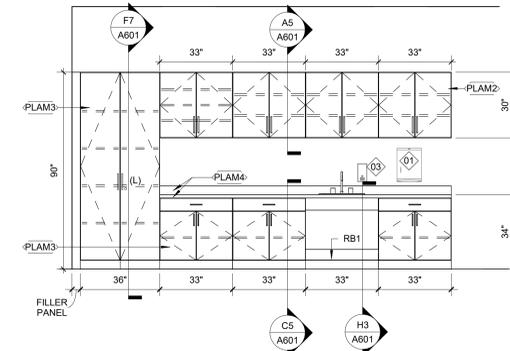
1. REFER TO SHEET A000 FOR MOUNTING HEIGHTS AND GENERAL INFORMATION.
2. REFER TO SHEET A000 FOR FURNITURE, FIXTURES, AND EQUIPMENT LEGEND.
3. REFER TO SHEET A001 FOR THE MATERIAL LEGEND.
4. (L) - LOCKABLE CASEWORK
5. WHERE PLAM4 AND PLAM5 ARE BOTH INDICATED AT COUNTERTOPS FOR TYPICAL ELEVATIONS, PLAM4 APPLIES TO SECOND FLOOR AND PLAM5 APPLIES TO FIRST FLOOR.



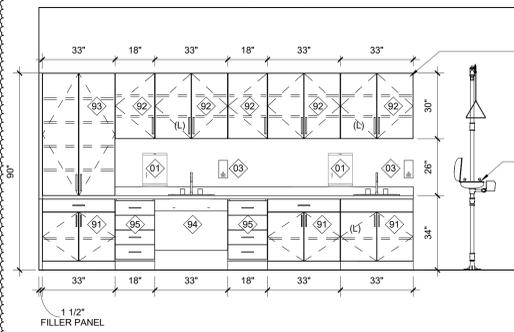
H1 INTERIOR ELEVATION - ART C108
3/8" = 1'-0"



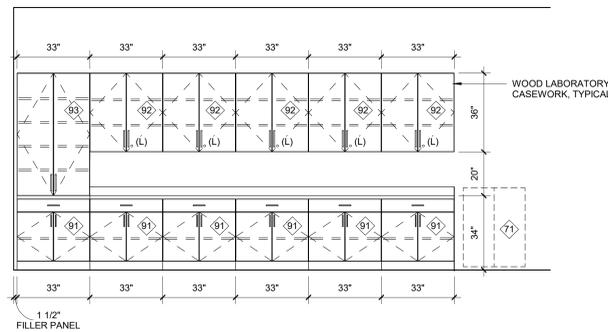
H5 INTERIOR ELEVATION - TEACHER WORK ROOM C131
3/8" = 1'-0"



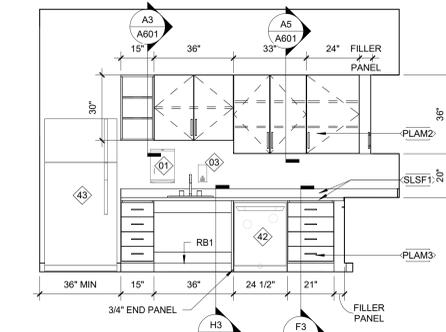
H7 INTERIOR ELEVATION - CTE CLASSROOM
3/8" = 1'-0"



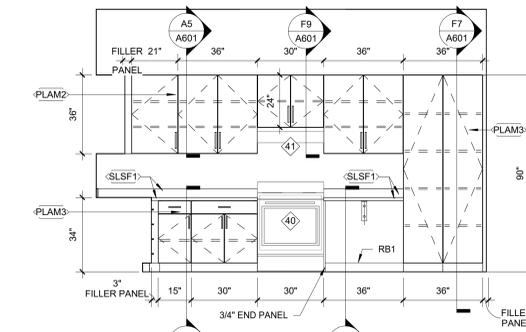
F1 INTERIOR ELEVATION - SCIENCE CLASSROOMS A209, A213
3/8" = 1'-0"



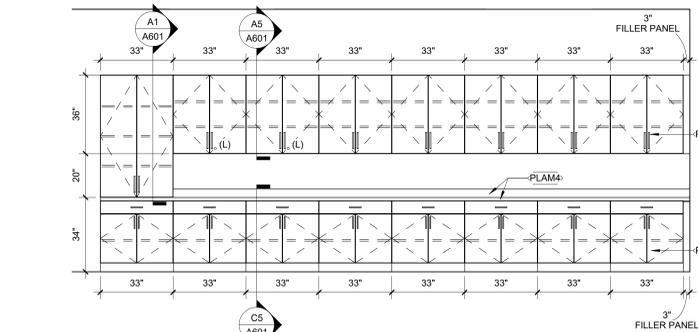
F3 INTERIOR ELEVATION - SCIENCE PREP A209A
3/8" = 1'-0"



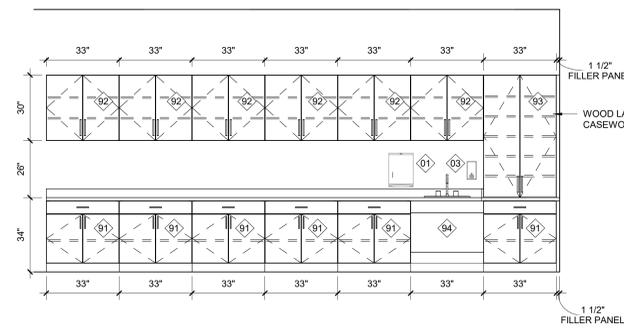
F6 INTERIOR ELEVATION - EC KITCHEN A113B EAST
3/8" = 1'-0"



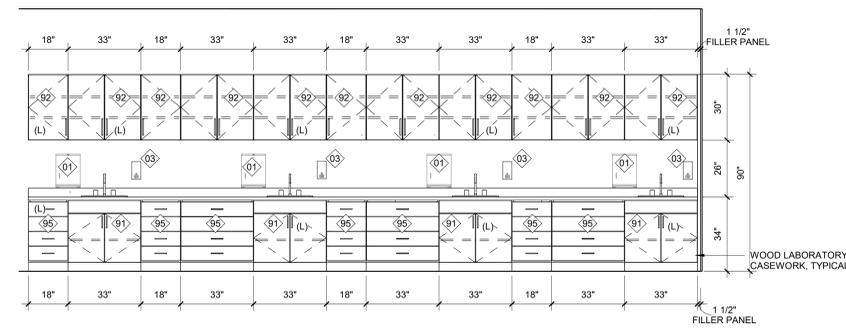
F8 INTERIOR ELEVATION - EC KITCHEN A113B SOUTH
3/8" = 1'-0"



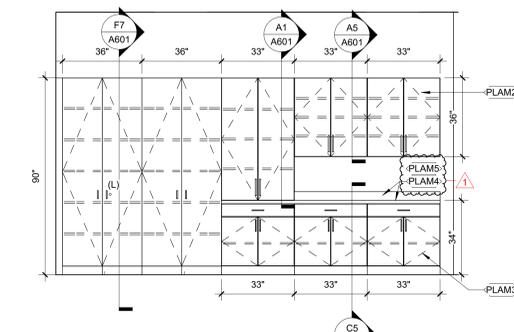
C1 INTERIOR ELEVATION - STORAGE A108
3/8" = 1'-0"



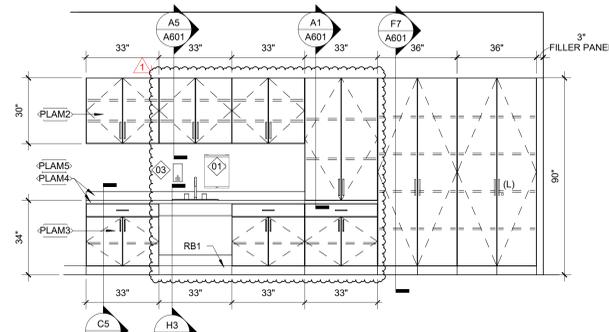
C4 INTERIOR ELEVATION - SCIENCE PREP A209A
3/8" = 1'-0"



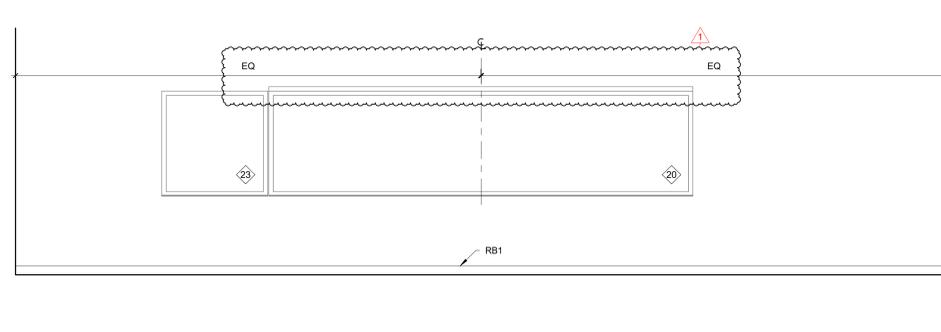
C7 INTERIOR ELEVATION - SCIENCE A203, A213
3/8" = 1'-0"



A1 INTERIOR ELEVATION - TYPICAL CLASSROOM
3/8" = 1'-0"



A3 INTERIOR ELEVATION - TYPICAL CLASSROOM WITH SINK
3/8" = 1'-0"



A6 INTERIOR ELEVATION - TYPICAL TEACHING WALL
3/8" = 1'-0"

SEALS



DKA JOB NUMBER

2401

REVISIONS

1 ADDENDUM #1 2/3/2025

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SHEET TITLE

INTERIOR ELEVATIONS

A501



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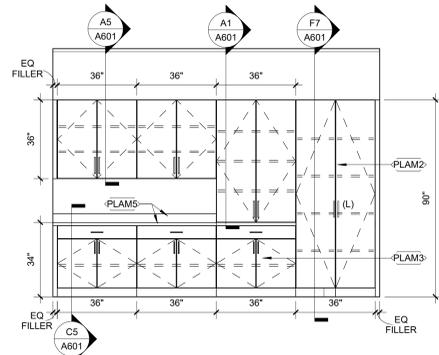
PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

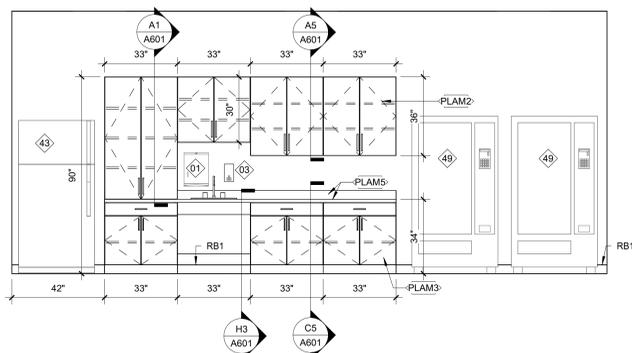
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INTERIOR ELEVATION GENERAL NOTES:

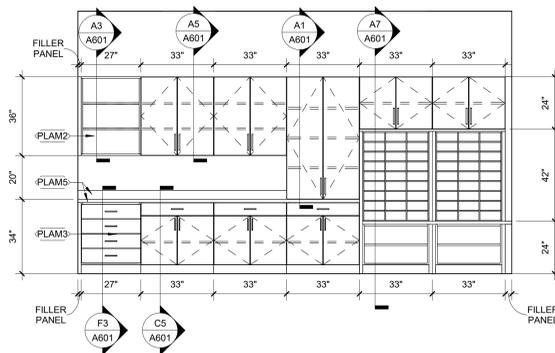
1. REFER TO SHEET A000 FOR MOUNTING HEIGHTS AND GENERAL INFORMATION.
2. REFER TO SHEET A000 FOR FURNITURE, FIXTURES, AND EQUIPMENT LEGEND.
3. REFER TO SHEET A001 FOR THE MATERIAL LEGEND.
4. (L) = LOCKABLE CASEWORK
5. WHERE PLAM4 AND PLAM5 ARE BOTH INDICATED AT COUNTERTOPS FOR TYPICAL ELEVATIONS, PLAM4 APPLIES TO SECOND FLOOR AND PLAM5 APPLIES TO FIRST FLOOR



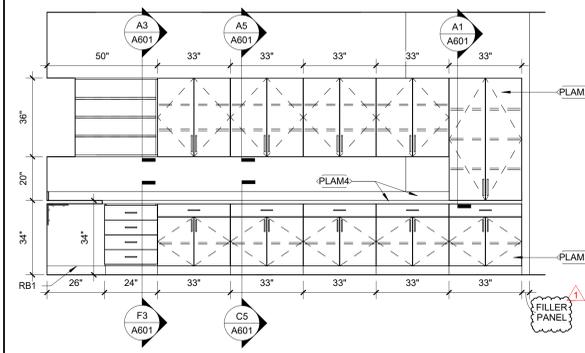
H1 INTERIOR ELEVATION - AREA B CLASSROOM
3/8" = 1'-0"



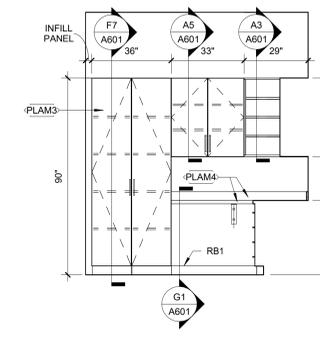
E1 INTERIOR ELEVATION - TEACHER LOUNGE C123
3/8" = 1'-0"



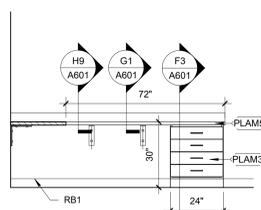
E3 INTERIOR ELEVATION - OFFICE WORK ROOM C103
3/8" = 1'-0"



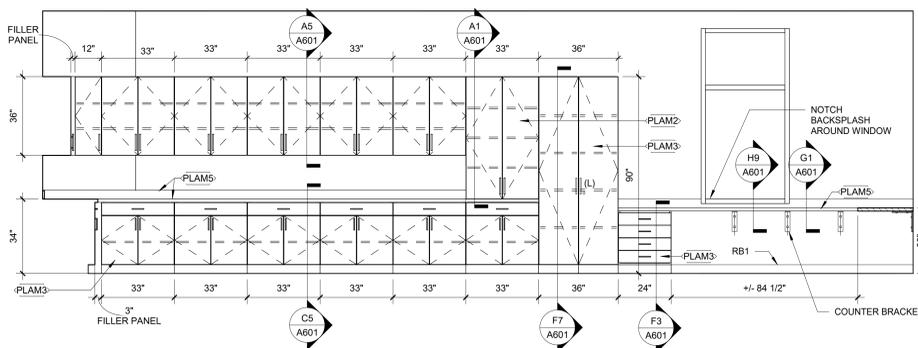
E6 INTERIOR ELEVATION - WORK ROOM A202
3/8" = 1'-0"



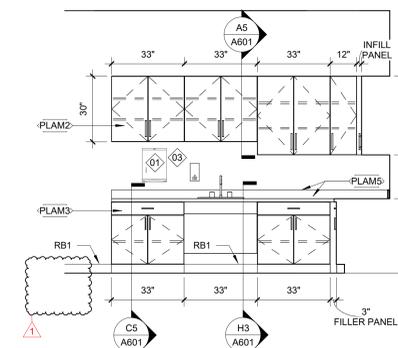
E8 INTERIOR ELEVATION - WORK ROOM A202
3/8" = 1'-0"



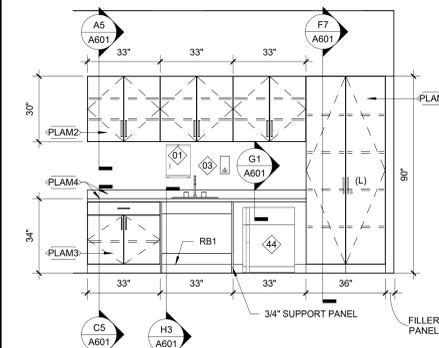
C1 INTERIOR ELEVATION - C-129A WEST
3/8" = 1'-0"



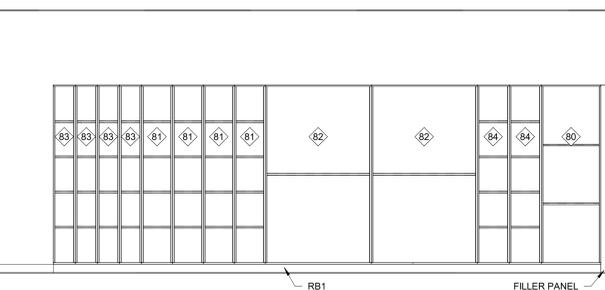
C2 INTERIOR ELEVATION - WORK ROOM/STORAGE C129A NORTH
3/8" = 1'-0"



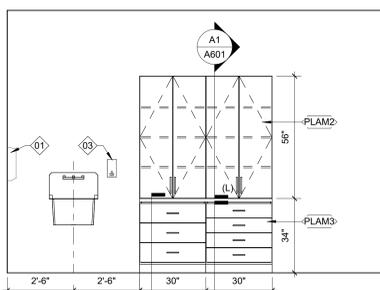
C6 INTERIOR ELEVATION - WORK ROOM/STORAGE C129A
3/8" = 1'-0"



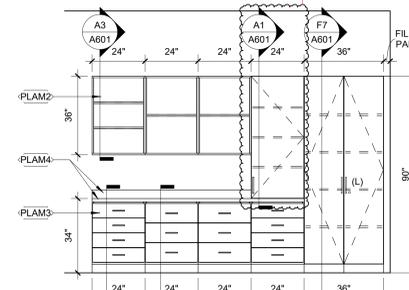
C8 INTERIOR ELEVATION - NURSE C115
3/8" = 1'-0"



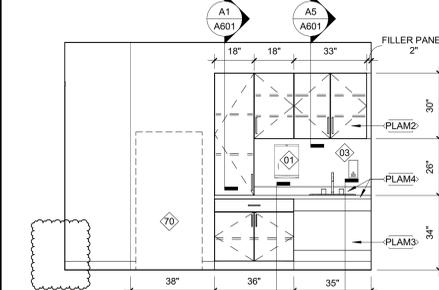
A1 INTERIOR ELEVATION - INSTRUMENT STOR C104A EAST
3/8" = 1'-0"



A3 INTERIOR ELEVATION - INSTRUMENT STOR C104A WEST
3/8" = 1'-0"



A6 INTERIOR ELEVATION - MUSIC C106
3/8" = 1'-0"



A8 INTERIOR ELEVATION - TRAINING E109
3/8" = 1'-0"

SEALS



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SHEET TITLE
INTERIOR ELEVATIONS

A502

INTERIOR ELEVATION GENERAL NOTES:

1. REFER TO SHEET A000 FOR MOUNTING HEIGHTS AND GENERAL INFORMATION.
2. REFER TO SHEET A000 FOR FURNITURE, FIXTURES, AND EQUIPMENT LEGEND.
3. REFER TO SHEET A001 FOR THE MATERIAL LEGEND.
4. (L) = LOCKABLE CASEWORK
5. WHERE PLAM4 AND PLAM5 ARE BOTH INDICATED AT COUNTERTOPS FOR TYPICAL ELEVATIONS, PLAM4 APPLIES TO SECOND FLOOR AND PLAM5 APPLIES TO FIRST FLOOR.



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PROJECT INFORMATION

**ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS**

541 North Carolina 581 S., Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

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1	ADDENDUM #1	2/3/2025

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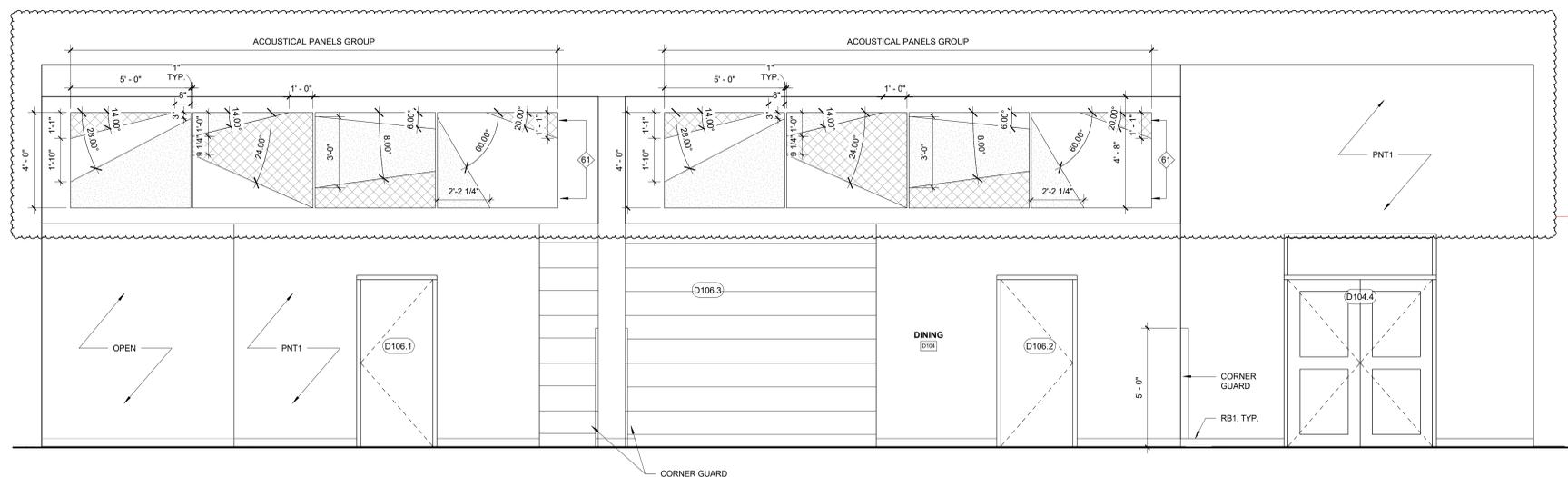
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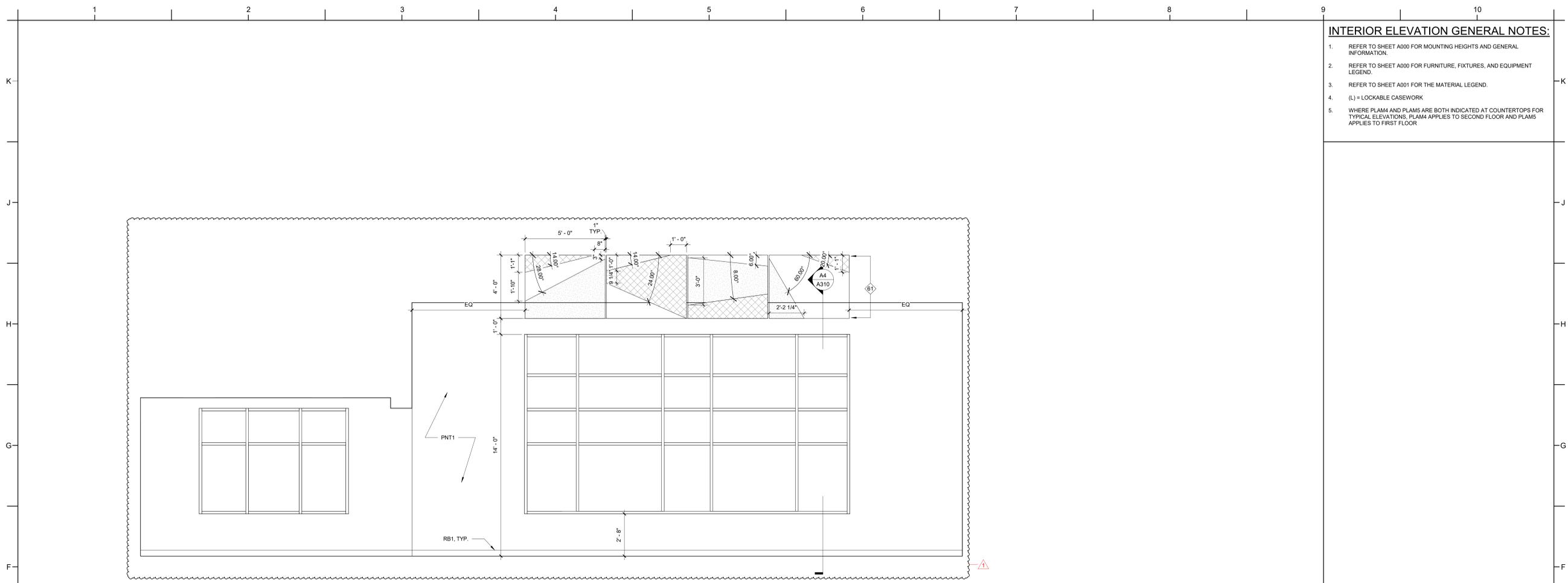
SHEET TITLE

INTERIOR
ELEVATIONS -
DINING

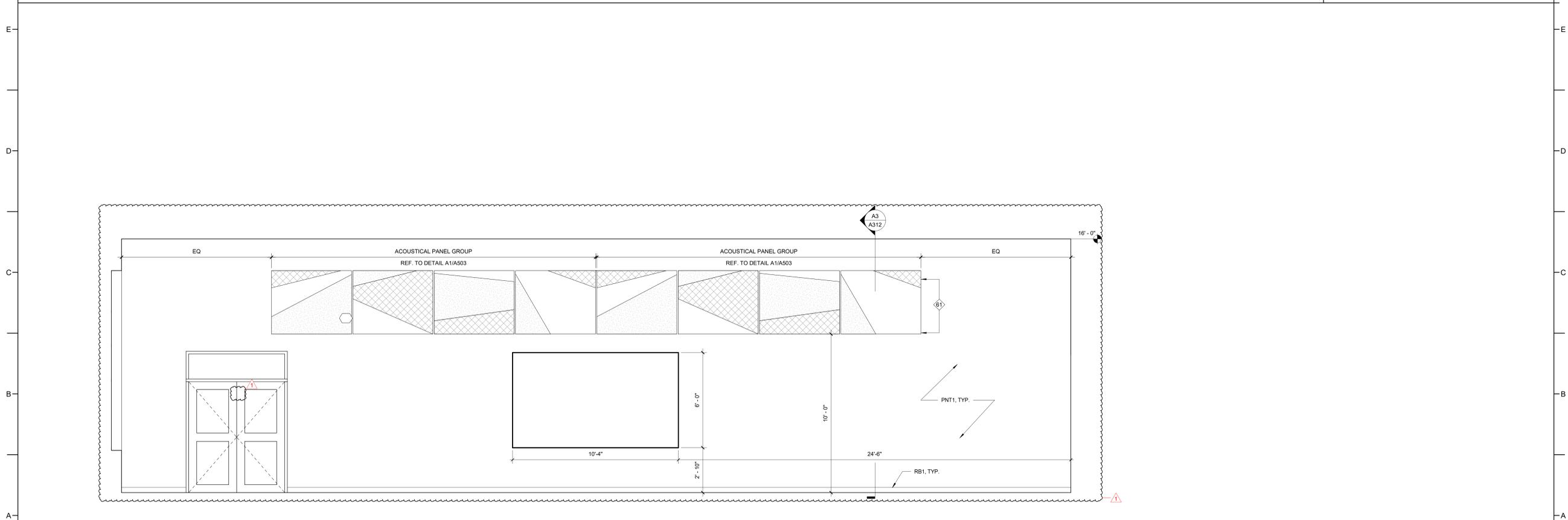
A503



A1 INTERIOR ELEVATION - DINING D104 WEST
3/8" = 1'-0"



E1 INTERIOR ELEVATION - DINING D104 NORTH
3/8" = 1'-0"



A1 INTERIOR ELEVATION - DINING D104 EAST
3/8" = 1'-0"

INTERIOR ELEVATION GENERAL NOTES:

- REFER TO SHEET A000 FOR MOUNTING HEIGHTS AND GENERAL INFORMATION.
- REFER TO SHEET A000 FOR FURNITURE, FIXTURES, AND EQUIPMENT LEGEND.
- REFER TO SHEET A001 FOR THE MATERIAL LEGEND.
- (L) = LOCKABLE CASEWORK
- WHERE PLAM4 AND PLAM5 ARE BOTH INDICATED AT COUNTERTOPS FOR TYPICAL ELEVATIONS, PLAM4 APPLIES TO SECOND FLOOR AND PLAM5 APPLIES TO FIRST FLOOR



PROJECT INFORMATION

**ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS**
541 North Carolina 581 S, Goldsboro, NC 27530

SEALS



DKA JOB NUMBER
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REVISIONS

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1	ADDENDUM #1	2/3/2025

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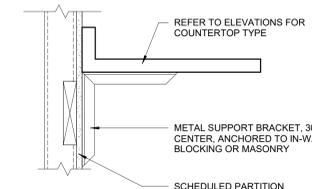
SHEET TITLE

INTERIOR ELEVATIONS - DINING

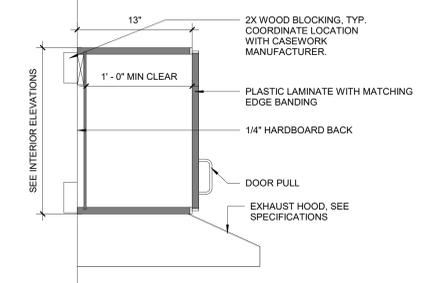
A504

CASEWORK GENERAL NOTES:

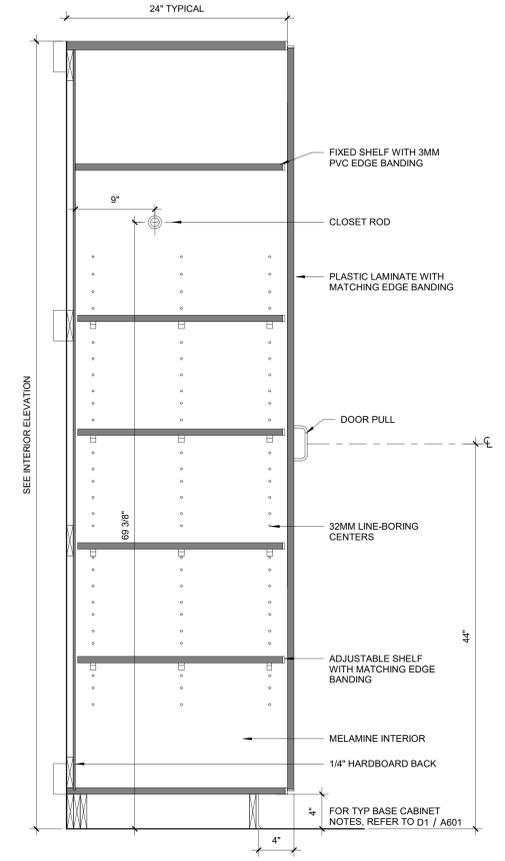
1. SHELVES WIDER THAN 30" TO BE 1" THICK. SHELVES 30" WIDE OR NARROWER TO BE 3/4" THICK, UN.
2. NUMBER OF SHELVES, DOORS AND DRAWERS TO BE AS INDICATED ON INTERIOR ELEVATIONS.
3. LOCKABLE CABINETS INDICATED WITH "L" ON INTERIOR ELEVATIONS.
4. LAMINATE OR PVC FINISH ON ALL EXPOSED SURFACES AND EDGES, AS NOTED.
5. SEE INTERIOR ELEVATIONS FOR DIMENSIONS NOT NOTED.
6. OPEN CABINETS TO HAVE THE SAME FINISH ON THE INTERIOR OF THE CABINET AS THE EXTERIOR, UN.
7. ALL VOIDS CREATED BY VERTICAL FILLER PANELS AT TOP OF WALL AND TALL CABINETS AND BOTTOM OF WALL CABINETS ARE TO BE FILLED WITH FILLER PANELS LAMINATED TO MATCH ADJACENT SURFACES.
8. REFER TO MATERIALS LEGEND ON SHEET A001 FOR FINISH COLORS DESIGNATED IN BRACKETS.



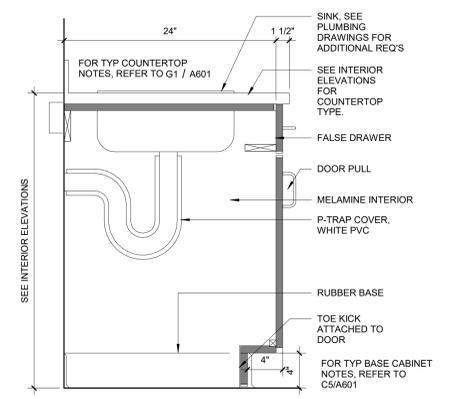
H9 COUNTERTOP SUPPORT BRACKET
1 1/2" = 1'-0"



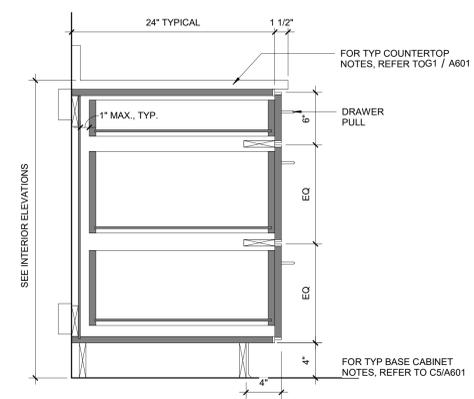
F9 WALL CABINET - ABOVE HOOD
1 1/2" = 1'-0"



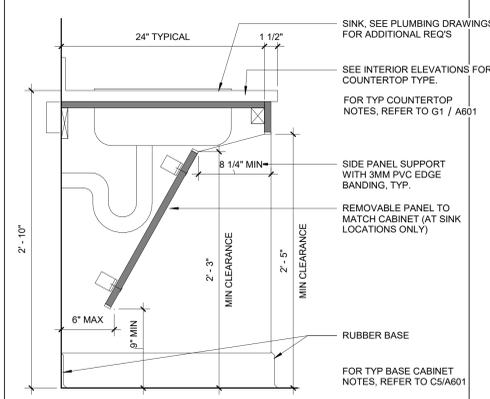
F7 TALL CABINET
1 1/2" = 1'-0"



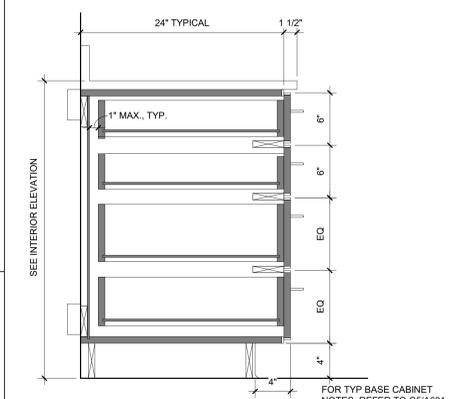
H5 SINK BASE CABINET WITH DOORS
1 1/2" = 1'-0"



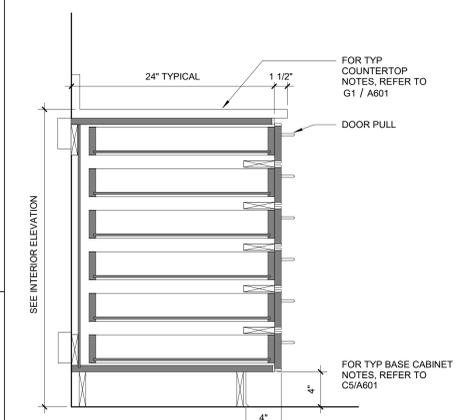
F5 BASE CABINET - 3 DRAWER, TYP.
1 1/2" = 1'-0"



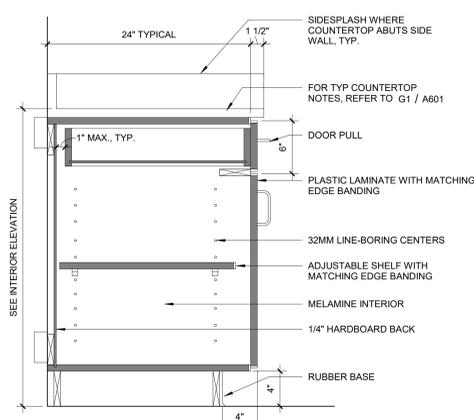
H3 BASE CABINET - SINK W KNEE APRON
1 1/2" = 1'-0"



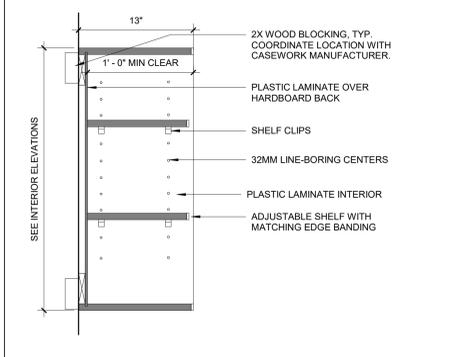
F3 BASE CABINET - 4 DRAWER, TYP.
1 1/2" = 1'-0"



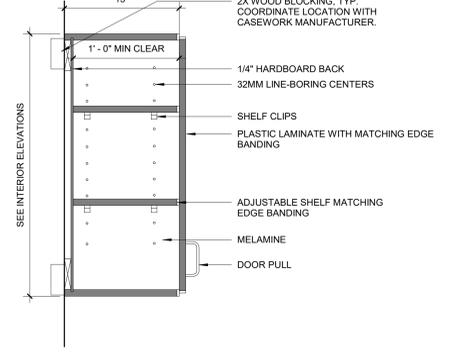
C3 BASE CABINET - 6 DRAWER FLAT FILE
1 1/2" = 1'-0"



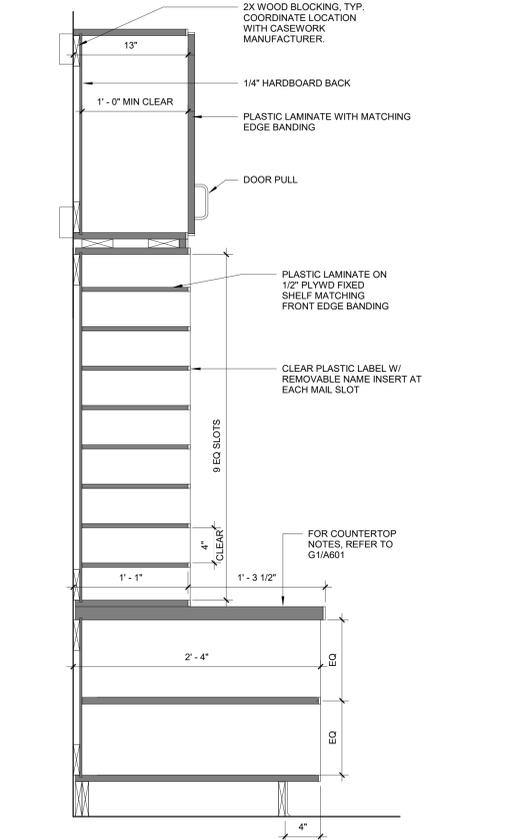
C5 BASE CABINET - 1 DRAWER & SHELVING
1 1/2" = 1'-0"



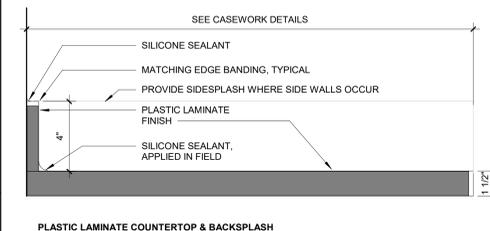
A3 WALL CABINET - OPEN SHELVING
1 1/2" = 1'-0"



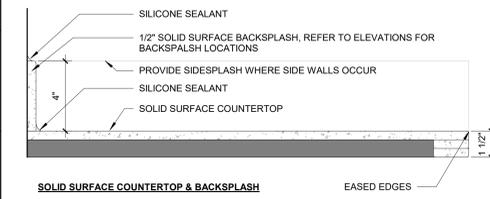
A5 TYPICAL WALL CABINET
1 1/2" = 1'-0"



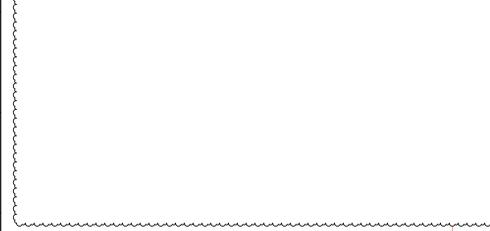
A7 WALL CABINET WITH MAIL SLOTS
1 1/2" = 1'-0"



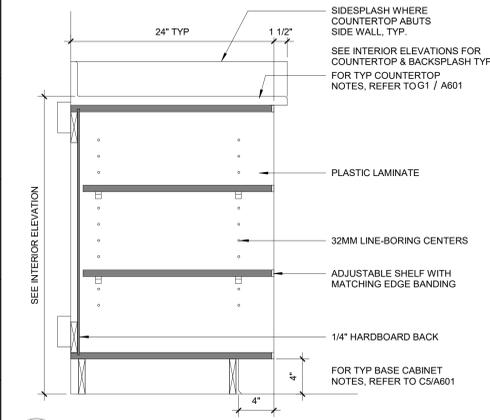
PLASTIC LAMINATE COUNTERTOP & BACKSPLASH



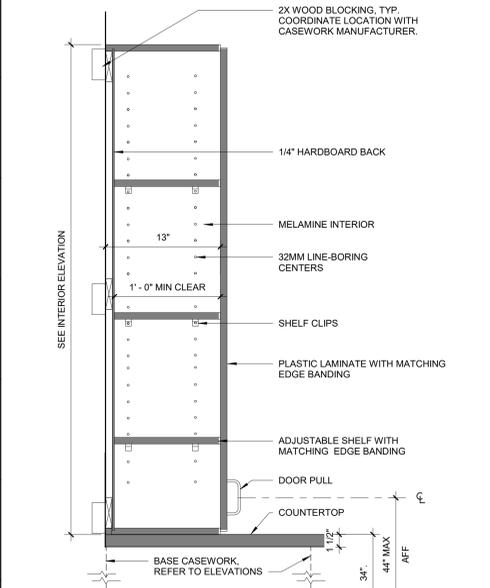
SOLID SURFACE COUNTERTOP & BACKSPLASH



G1 SECTION DETAIL - COUNTERTOPS
3" = 1'-0"



D1 BASE CABINET - OPEN SHELVING
1 1/2" = 1'-0"



A1 ADA WALL CABINET
1 1/2" = 1'-0"

SEALS



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01/10/2025

SHEET TITLE
CASEWORK DETAILS

A601

DOOR SCHEDULE

DOOR NUMBER	TYPE	DOOR				FRAME			FIRE RATING	HARDWARE	SIGN TYPE	COMMENTS
		WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	TYPE	MATERIAL				
A100	D	3'-0"	7'-0"	0'-1 3/4"	ALUM	FACT	II	HM	PNT	E10	B	CARD READER, BASE BID OR BID 01
A100A	C	3'-0"	7'-0"	0'-1 3/4"	HM	PNT	II	HM	PNT	90 MIN	I24	H
A101	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	I	HM	PNT	I11	A	
A102	A	3'-0"	7'-0"	0'-1 3/4"	FRP	FACT	III	ALUM	FACT	E7	E	LOUVER GLAZED INTO TRANSOM
A103	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	I	HM	PNT	E8	E	LOUVER GLAZED INTO TRANSOM
A104	A	3'-0"	7'-0"	0'-1 3/4"	FRP	FACT	III	ALUM	FACT	E7	E	LOUVER GLAZED INTO TRANSOM
A105	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I9	T	
A106	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I7	A	
A108.1	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I15	A	
A108.2	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I15	A	
A108.3	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	I	HM	PNT	I15	A	
A109	A	2'-6"	7'-0"	0'-1 3/4"	HM	STAIN	II	HM	PNT	I11	A	
A110	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I15	A	
A112	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I15	A	
A113.1	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I15	A	
A113.2	D	3'-0"	7'-0"	0'-1 3/4"	ALUM	FACT	*	ALUM	FACT	E6	A, B	*SEE STOREFRONT ELEVATIONS
A113A	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	I	HM	PNT	I8	T	
A114	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I15	A	
A115	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I15	A	
A115A	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	I	HM	PNT	I8	T	
A116	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I15	A	
A117	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I15	A	
A201.1	A	2'-6"	7'-0"	0'-1 3/4"	HM	PNT	II	HM	PNT	90 MIN	I31	A
A201.2	A	2'-6"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I17	E	
A202	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I7	A	
A202A	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	I	HM	PNT	I9	T	
A204.1	C	3'-0"	7'-0"	0'-1 3/4"	ALUM	FACT	II	HM	PNT	I15	A	
A204.2	C	3'-0"	7'-0"	0'-1 3/4"	ALUM	FACT	II	HM	PNT	I15	A	
A205	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I11	A	
A206	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I15	A	
A208	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I15	A	
A209.1	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I15	A	
A209.2	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I15	A	
A209.3	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	I	HM	PNT	I13	A	
A210	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I15	A	
A211	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I9	T	
A212	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I15	A	
A213.1	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I15	A	
A213.2	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I15	A	
A213.3	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	I	HM	PNT	I13	A	
A215	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I15	A	
B100	EXISTING	3'-0"	6'-11"	0'-1 3/4"	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	E10	B	EXISTING TO REMAIN
C100A	D	3'-0"	7'-0"	0'-1 3/4"	ALUM	FACT	*	ALUM	FACT	E6	B	*SEE STOREFRONT ELEVATIONS
C101.1	D	3'-0"	7'-0"	0'-1 3/4"	ALUM	FACT	*	ALUM	FACT	I4	A	*SEE STOREFRONT ELEVATIONS
C101.2	D	3'-0"	7'-0"	0'-1 3/4"	ALUM	FACT	*	ALUM	FACT	I4	A	CARD READER, *SEE STOREFRONT ELEVATIONS
C101.3	B	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	E20	A	
C102.1	D	2'-6"	7'-0"	0'-1 3/4"	ALUM	FACT	*	ALUM	FACT	E1	B	CARD READER, *SEE STOREFRONT ELEVATIONS
C102.2	D	2'-6"	7'-0"	0'-1 3/4"	ALUM	FACT	*	ALUM	FACT	I1	B	CARD READER, *SEE STOREFRONT ELEVATIONS
C102.3	D	2'-6"	7'-0"	0'-1 3/4"	ALUM	FACT	*	ALUM	FACT	I1	B	CARD READER, *SEE STOREFRONT ELEVATIONS
C103.1	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I13	A	
C103.2	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I7	A	
C104.1	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I16	A	KERFED FRAME
C104.2	C	3'-0"	7'-0"	0'-1 3/4"	ALUM	FACT	*	ALUM	FACT	E6	A, B	*SEE STOREFRONT ELEVATIONS
C104.3	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I13	A	
C104A	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I13	A	
C105	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I6	F	
C106.1	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I16	A	KERFED FRAME
C106.2	D	3'-0"	7'-0"	0'-1 3/4"	ALUM	FACT	*	ALUM	FACT	E6	A, B	*SEE STOREFRONT ELEVATIONS
C106.3	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I13	A	
C107	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I6	F	
C108.1	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I15	A	
C108.2	D	3'-0"	7'-0"	0'-1 3/4"	ALUM	FACT	*	ALUM	FACT	E5	A, B	CARD READER, *SEE STOREFRONT ELEVATIONS
C108A	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	I	HM	PNT	I12	A	
C108B	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	I	HM	PNT	I23	A	KERFED FRAME
C109	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I11	E	DOOR TO SWING 180 DEGREES
C111	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I13	A	
C113	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I6	F	
C115.1	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I6	E	
C115.2	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I6	E	
C115A	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	I	HM	PNT	I9	D	
C117	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I6	F	
C119	A	2'-6"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I18	A	KERFED FRAME
C121.1	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I6	A	
C121.2	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I6	A	
C123.1	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I7	A	
C123.2	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I7	A	
C125	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I9	D	
C127	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I9	D	
C129.1	D	2'-6"	7'-0"	0'-1 3/4"	ALUM	FACT	*	ALUM	FACT	E21	E	*SEE STOREFRONT ELEVATIONS
C129.2	D	2'-6"	7'-0"	0'-1 3/4"	ALUM	FACT	*	ALUM	FACT	E6	A, B	*SEE STOREFRONT ELEVATIONS
C129A	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I13	A	
C131.1	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I13	A	
C131.2	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I7	A	
C133.1	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I13	A	
C133.2	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I7	A	
C200	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	PAINT	II	HM	PNT	I7	A	
D100.1	C	2'-6"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	E22	B	CARD READER, *SEE STOREFRONT ELEVATIONS
D100.2	D	2'-6"	7'-0"	0'-1 3/4"	ALUM	FACT	*	ALUM	FACT	I2	B	CARD READER, *SEE STOREFRONT ELEVATIONS
D101.1	D	2'-6"	7'-0"	0'-1 3/4"	ALUM	FACT	*	ALUM	FACT	E3	B	*SEE STOREFRONT ELEVATIONS
D101.2	D	2'-6"	7'-0"	0'-1 3/4"	ALUM	FACT	*	ALUM	FACT	E1	B	*SEE STOREFRONT ELEVATIONS
D101.3	D	2'-6"	7'-0"	0'-1 3/4"	ALUM	FACT	*	ALUM	FACT	I2	B	*SEE STOREFRONT ELEVATIONS
D101.4	D	2'-6"	7'-0"	0'-1 3/4"	ALUM	FACT	*	ALUM	FACT	I1	B	*SEE STOREFRONT ELEVATIONS
D103	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I5	A	
D103A	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	I	HM	PNT	I6	A	
D103B	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	I	HM	PNT	I6	A	
D103C	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	I	HM	PNT	I6	A	
D103D	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	I	HM	PNT	I12	A	
D104.1	D	2'-6"	7'-0"	0'-1 3/4"	ALUM	FACT	*	ALUM	FACT	E19	A	*SEE STOREFRONT ELEVATIONS
D104.2	D	2'-6"	7'-0"	0'-1 3/4"	ALUM	FACT	*	ALUM	FACT	E19	A	*SEE STOREFRONT ELEVATIONS
D104.3	D	2'-6"	7'-0"	0'-1 3/4"	ALUM	FACT	*	ALUM	FACT	E3	B	*SEE STOREFRONT ELEVATIONS
D104.4	D	2'-6"	7'-0"	0'-1 3/4"	ALUM	FACT	*	ALUM	FACT	E2	B	*SEE STOREFRONT ELEVATIONS
D104A	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I13	A	
D106.1	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I25	A	DOOR TO SWING 180 DEGREES, PROVIDE HOLD-OPEN
D106.2	A	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I25	A	DOOR TO SWING 180 DEGREES, PROVIDE HOLD-OPEN
D106.3	B	14'-0"	10'-8"	0'-1 3/4"	-	-	-	-	-	-	-	-
D106.4	D	3'-0"	7'-0"	0'-1 3/4"	ALUM	FACT	*	ALUM	FACT	E6	B	CARD READER, *SEE STOREFRONT ELEVATIONS
D107	A	2'-0"	7'-0"	0'-1 3/4"	HM	PNT	II	HM	PNT	I11	A	
D108	C	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN	II	HM	PNT	I13	A	
D110	E	3'-0"	7'-0"	0'-1 3/4"	WOOD	STAIN						



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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

1 ADDENDUM #1 2/3/2025

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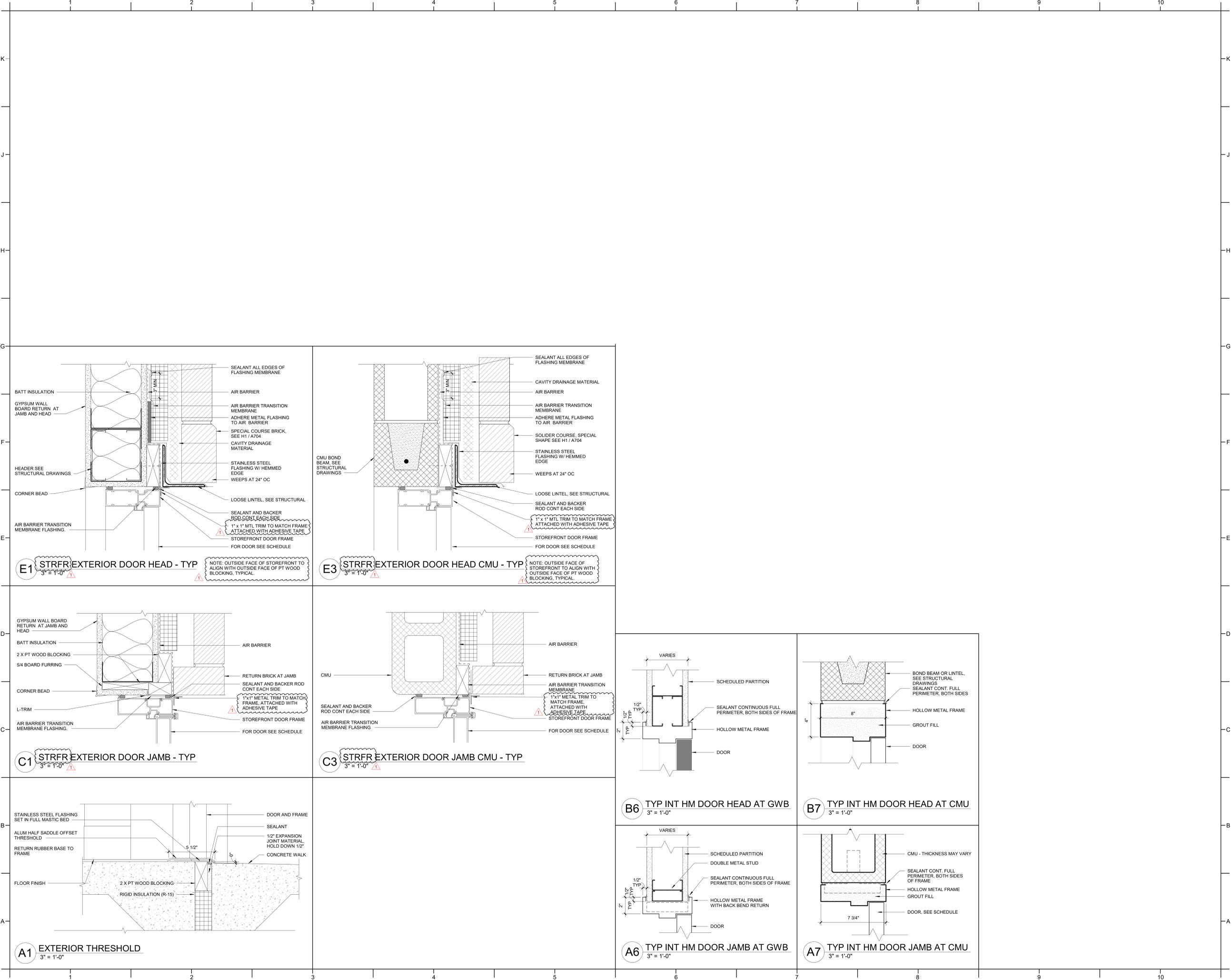
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BID DOCUMENTS
01/10/2025

SHEET TITLE
DOOR DETAILS

A702



E1 STRFR EXTERIOR DOOR HEAD - TYP
3" = 1'-0"

E3 STRFR EXTERIOR DOOR HEAD CMU - TYP
3" = 1'-0"

C1 STRFR EXTERIOR DOOR JAMB - TYP
3" = 1'-0"

C3 STRFR EXTERIOR DOOR JAMB CMU - TYP
3" = 1'-0"

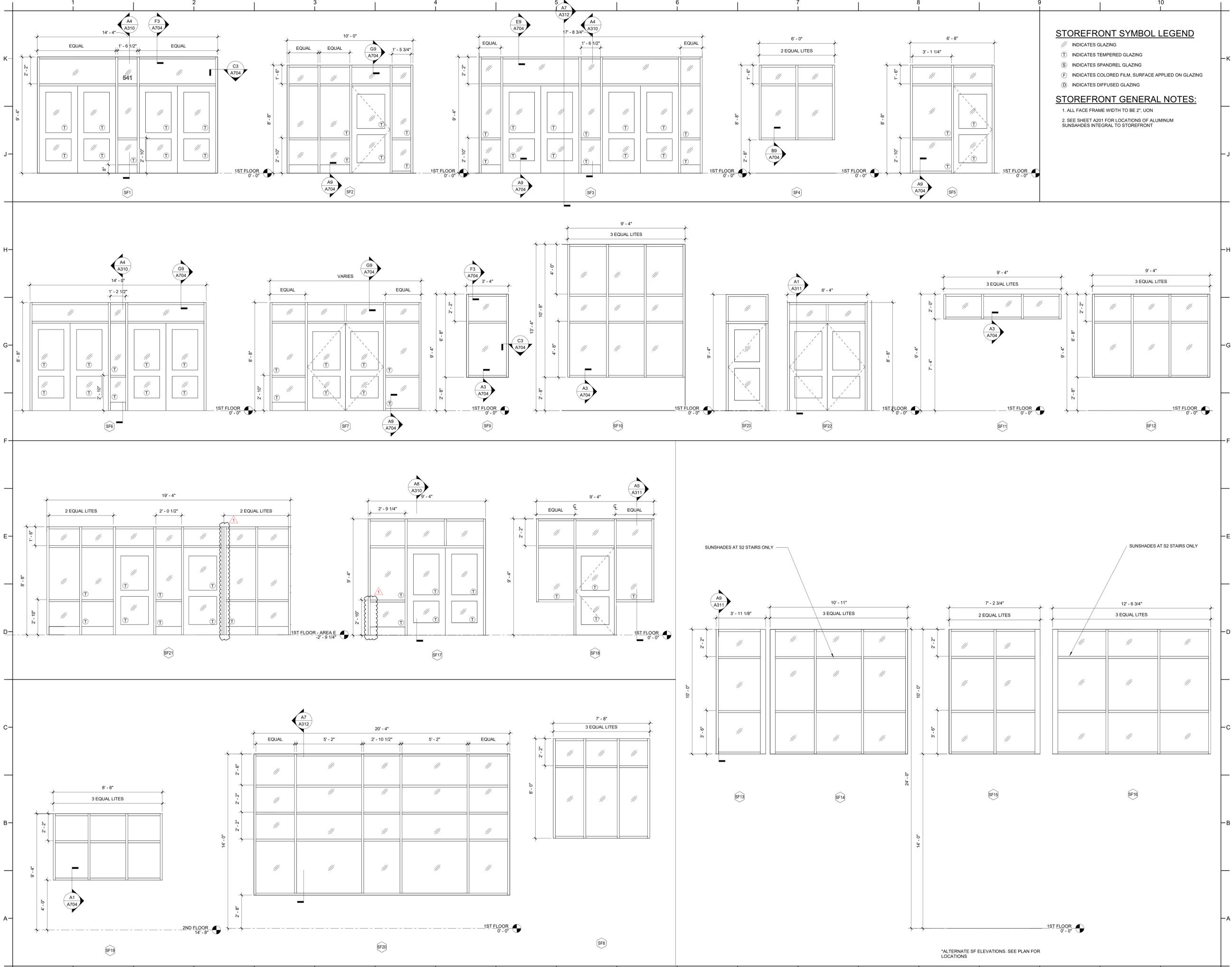
A1 EXTERIOR THRESHOLD
3" = 1'-0"

B6 TYP INT HM DOOR HEAD AT GWB
3" = 1'-0"

B7 TYP INT HM DOOR HEAD AT CMU
3" = 1'-0"

A6 TYP INT HM DOOR JAMB AT GWB
3" = 1'-0"

A7 TYP INT HM DOOR JAMB AT CMU
3" = 1'-0"



STOREFRONT SYMBOL LEGEND

- ⧘ INDICATES GLAZING
- Ⓣ INDICATES TEMPERED GLAZING
- Ⓢ INDICATES SPANDREL GLAZING
- ⓕ INDICATES COLORED FILM, SURFACE APPLIED ON GLAZING
- Ⓛ INDICATES DIFFUSED GLAZING

STOREFRONT GENERAL NOTES:

1. ALL FACE FRAME WIDTH TO BE 2", UN
2. SEE SHEET A201 FOR LOCATIONS OF ALUMINUM SUNSHADES INTEGRAL TO STOREFRONT



PROJECT INFORMATION

**ROSEWOOD MIDDLE SCHOOL
 ADDITION AND RENOVATION**
 WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS



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REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM #1	2/3/2025

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SHEET TITLE
STOREFRONT ELEVATIONS

A703



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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

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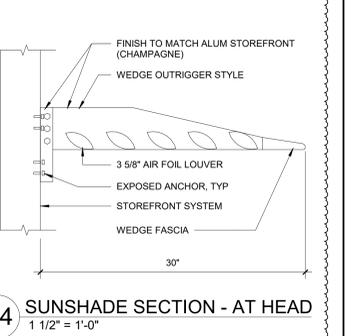
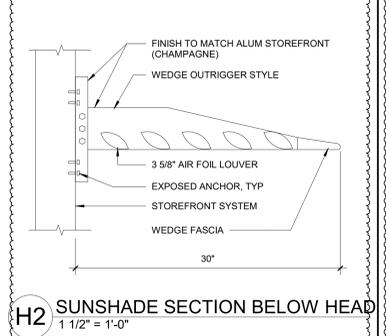
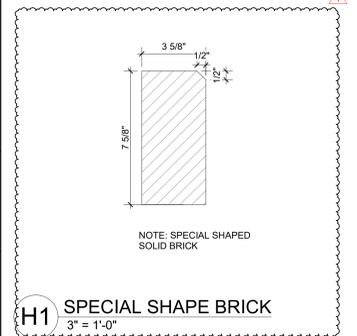
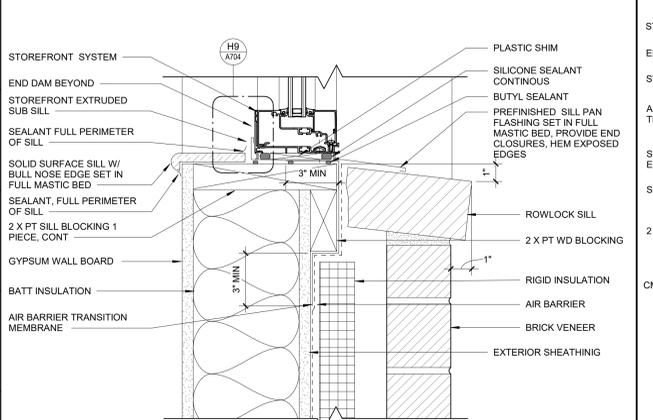
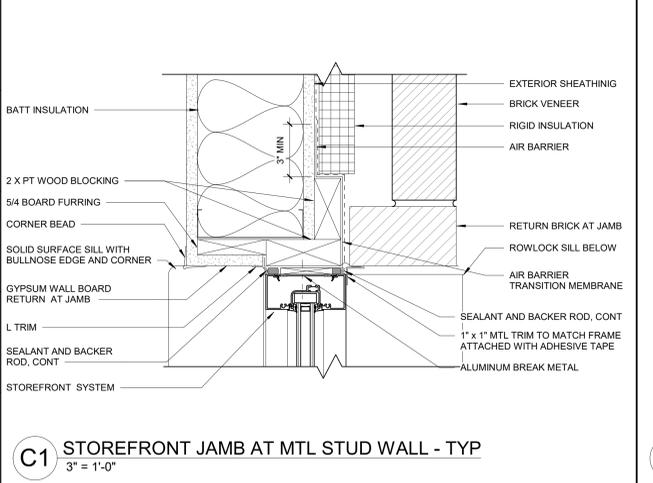
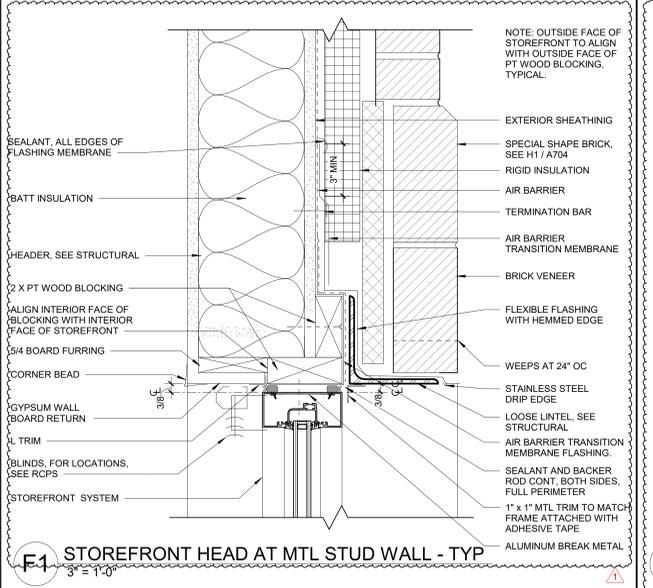
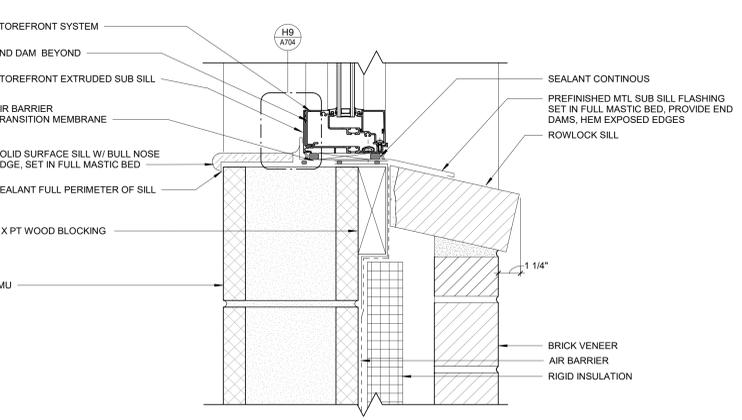
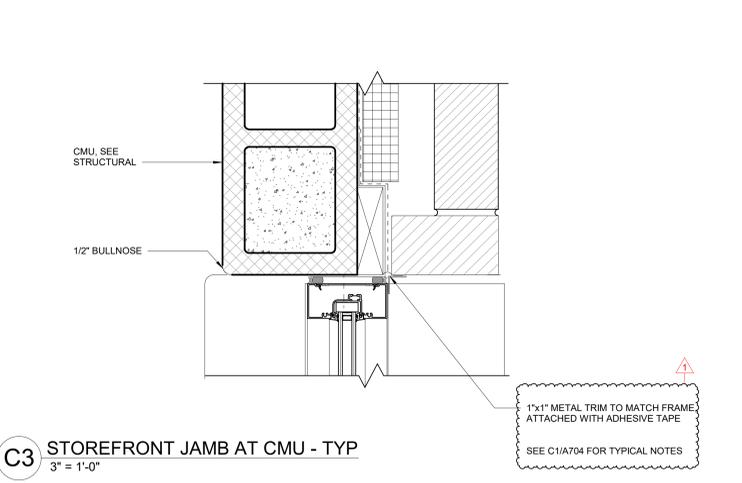
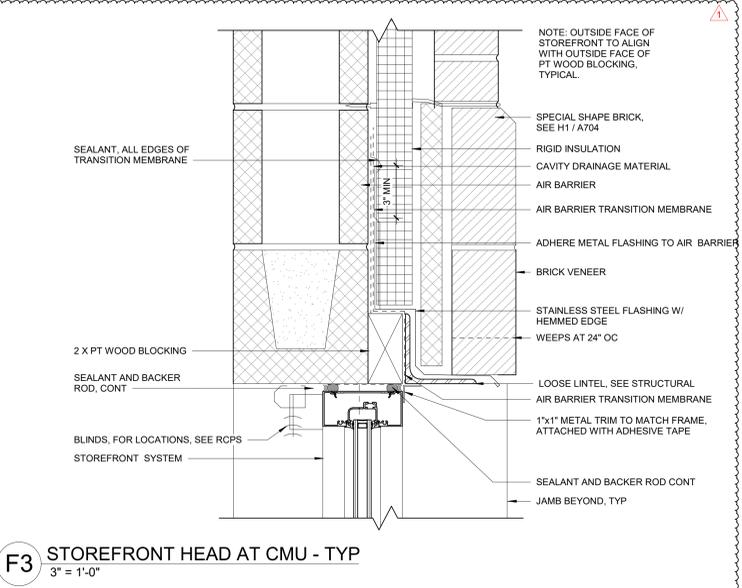
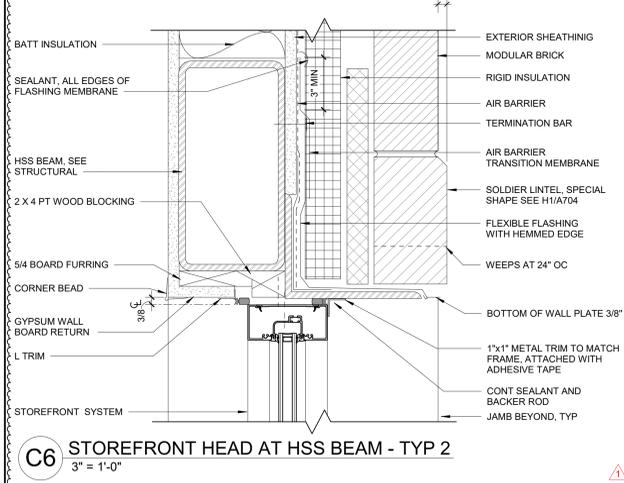
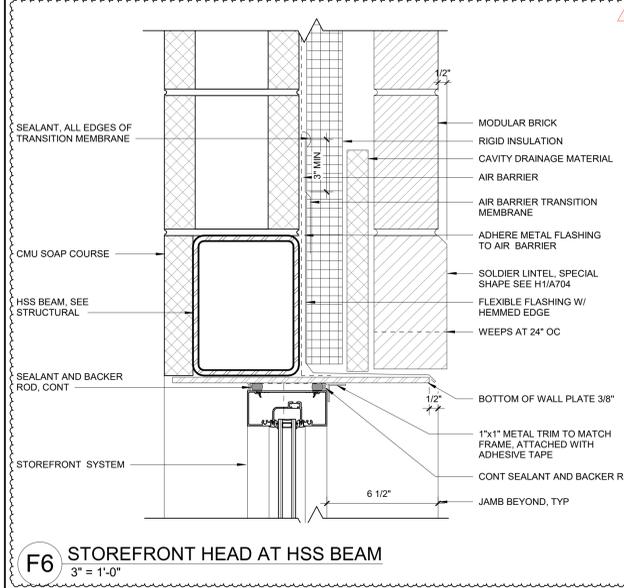
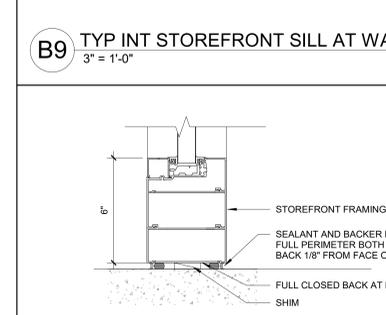
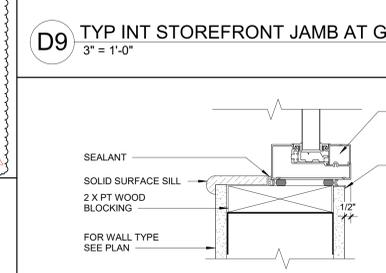
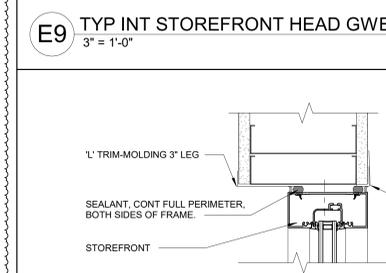
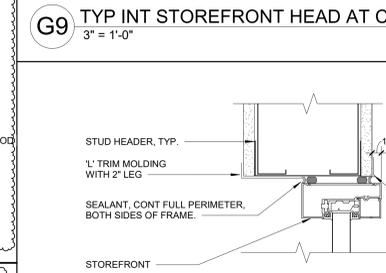
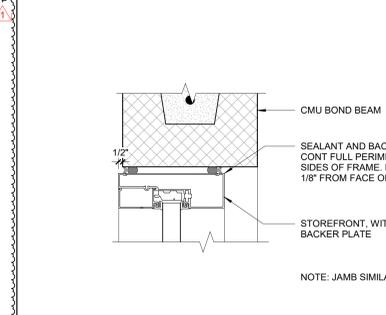
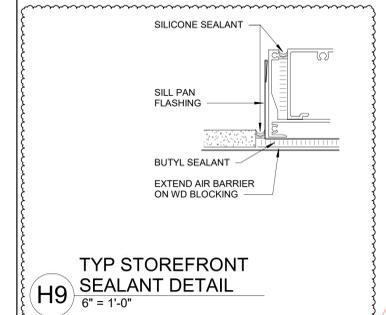
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SHEET TITLE
STOREFRONT
DETAILS

A704





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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

1 ADDENDUM #1 2/3/2025

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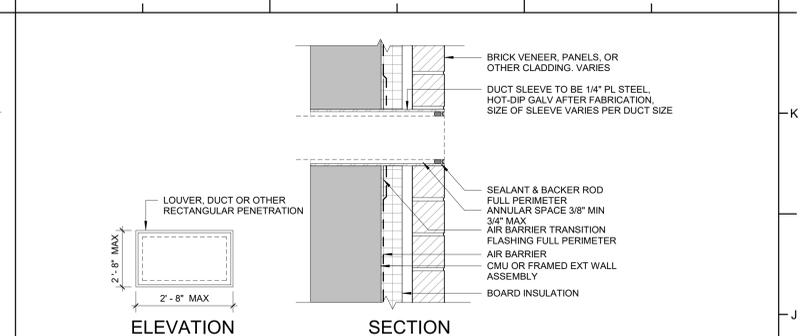
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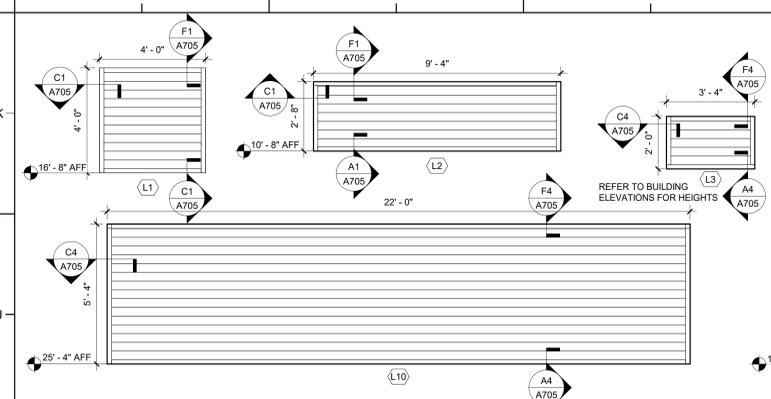
SHEET TITLE
LOUVER SCHEDULE
AND DETAILS

A705

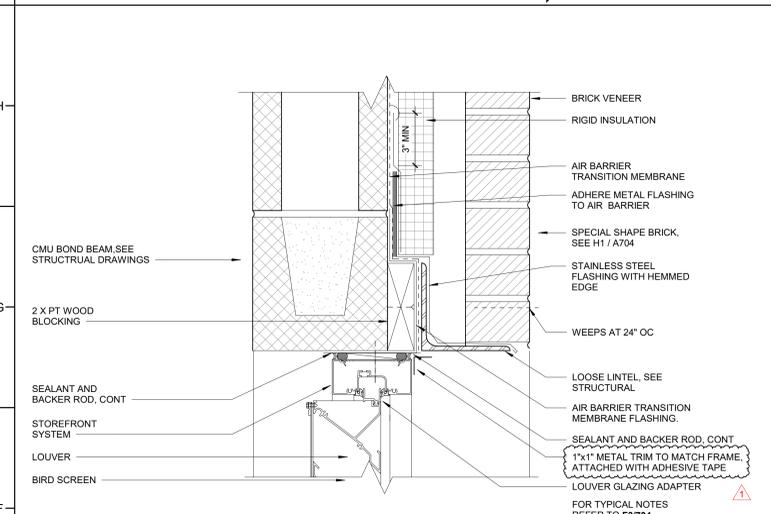
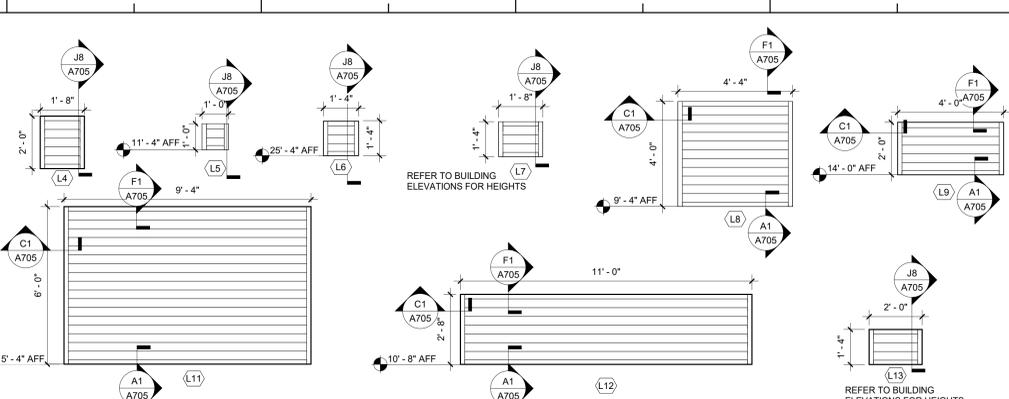
J8 TYP EXT. WALL PENETRATION - SLEEVED, RECTILINEAR
1 1/2" = 1'-0"



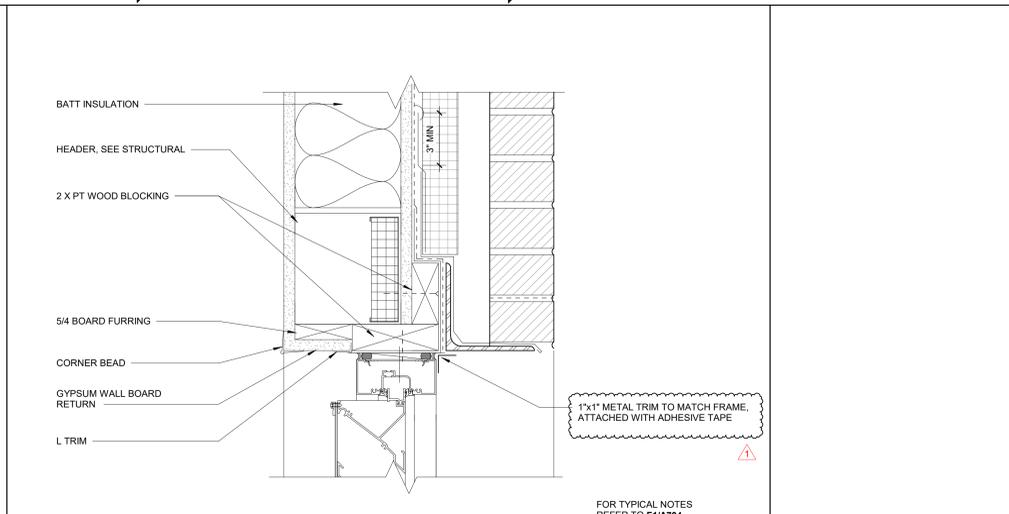
F1 TYP EXT LOUVER HEAD AT CMU
3\"/>



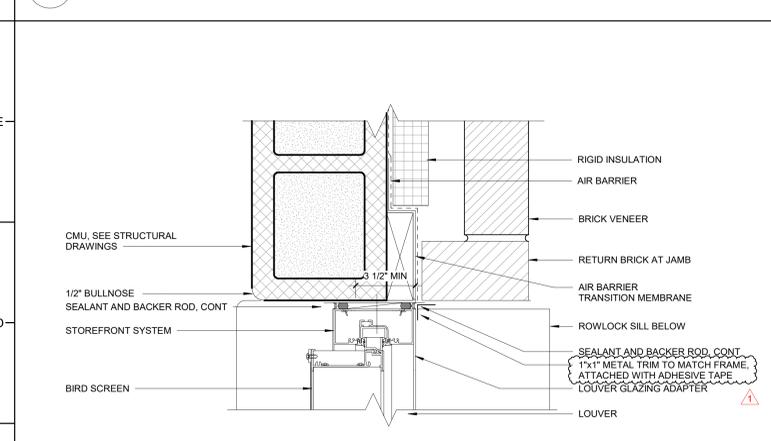
F4 TYP EXT LOUVER HEAD AT MTL STUD WALL
3\"/>



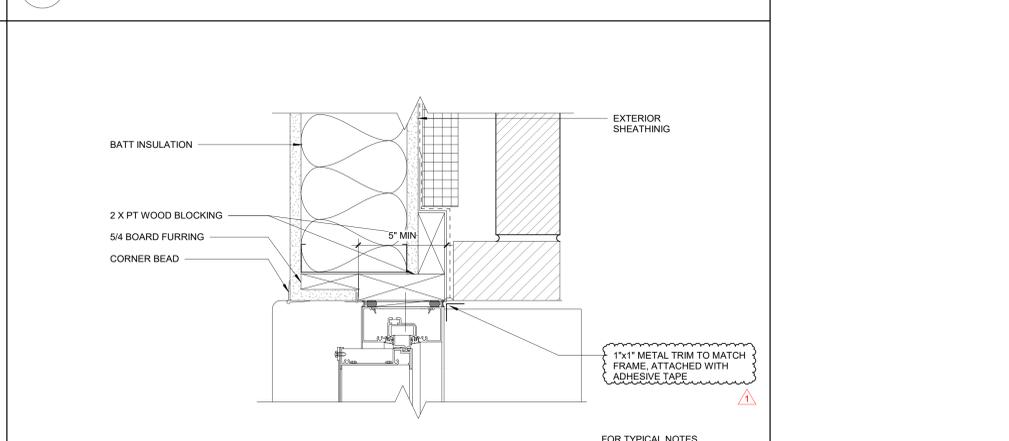
F1 TYP EXT LOUVER HEAD AT CMU
3\"/>



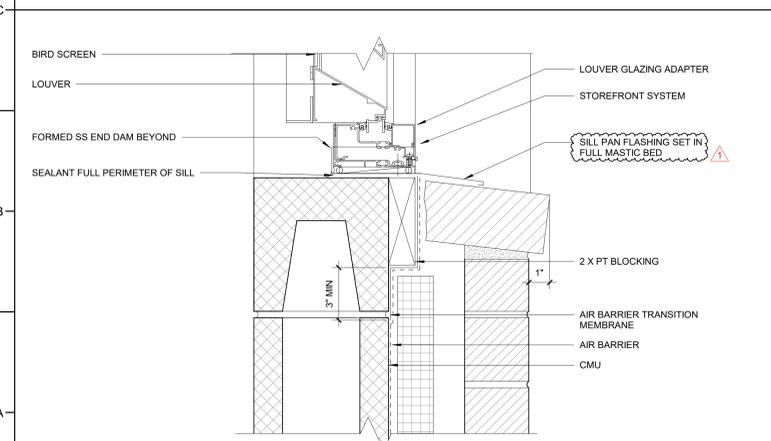
F4 TYP EXT LOUVER HEAD AT MTL STUD WALL
3\"/>



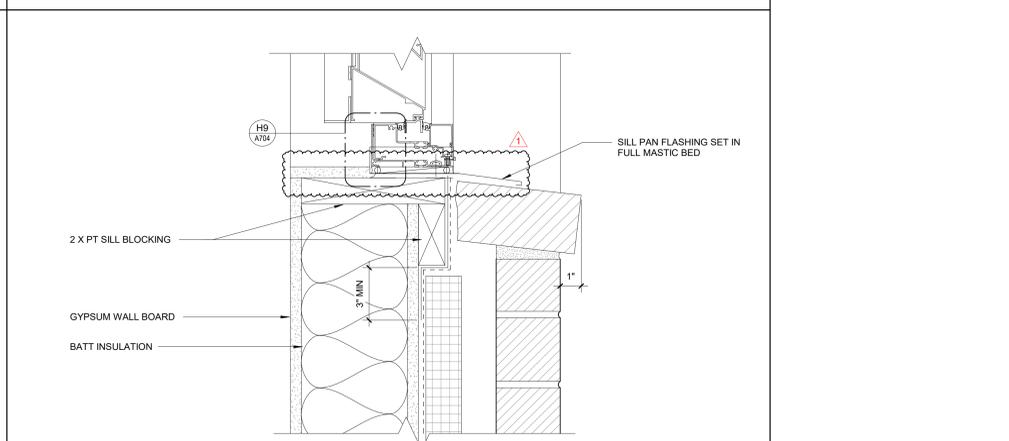
C1 TYP EXT LOUVER JAMB AT CMU
3\"/>



C4 TYP EXT LOUVER JAMB AT METAL STUD WALL
3\"/>



A1 TYP EXT LOUVER SILL AT CMU
3\"/>



A4 TYP EXT LOUVER SILL AT MTL STUD WALL
3\"/>

INTERIOR FINISHES ROOM SCHEDULE

NUMBER	NAME	FLOOR FINISH	BASE FINISH	WALL		CEILING		NOTES
				MATERIAL	FINISH	MATERIAL	FINISH	
A100A	CORRIDOR	TERRAZZO	TERRAZZO	CMU/GWB	PAINT	APC	FACTORY	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 04
A100B	CORRIDOR	TERRAZZO	TERRAZZO	CMU	PAINT	APC	FACTORY	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 04
A101	STORAGE	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A102	ELEC	SEALED CONC	RB	CMU/GWB	PAINT	EXPOSED	PAINT	
A103	TLT	TILE	TB	GWB	PAINT	APC	FACTORY	
A104	RISER	SEALED CONC	RB	GWB	PAINT	EXPOSED	PAINT	
A105	TLT	TILE	TB	CMU/GWB	TILE	APC	FACTORY	
A106	DATA	SEALED CONC	RB	CMU/GWB	PAINT	EXPOSED	PAINT	
A107	BOYS	TILE	TB	CMU/GWB	PAINT	APC	FACTORY	
A108	CTE CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A109	PLUMB CHASE	SEALED CONC	-	CMU/GWB	-	EXPOSED	PAINT	
A110	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A111	GIRLS	TILE	TB	CMU/GWB	PAINT/TILE	APC	FACTORY	
A112	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A113	E/C CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A113A	TLT	TILE	TB	GWB	PAINT/TILE	APC	FACTORY	
A113B	E/C KITCHEN	VCT	RB	GWB	PAINT	APC	FACTORY	
A114	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A115	E/C CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A115A	TLT	TILE	TB	GWB	PAINT/TILE	APC/GWB	FACTORY/PAINT	
A116	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A117	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A200	CORRIDOR	TERRAZZO	TERRAZZO	CMU/GWB	PAINT	APC	FACTORY	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 04
A201	MECHANICAL	SEALED CONC	RB	CMU/GWB	-	EXPOSED	PAINT	
A202	WORK ROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A202A	TLT	TILE	TB	CMU/GWB	PAINT/TILE	APC	FACTORY	
A203	BOYS	TILE	TB	CMU/GWB	PAINT/TILE	APC	FACTORY	
A204	COMPUTER LAB	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A205	PLUMB CHASE	SEALED CONC	-	CMU/GWB	-	EXPOSED	PAINT	
A206	STEM CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A207	GIRLS	TILE	TB	CMU/GWB	PAINT/TILE	APC	FACTORY	
A208	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A209	SCIENCE	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A209A	PREP ROOM	VCT	RB	GWB	PAINT	APC	FACTORY	
A210	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A211	TLT	TILE	RB	CMU/GWB	PAINT	APC	FACTORY	
A212	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A213	SCIENCE	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A215	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
B100	CORRIDOR	EXISTING	RB (6")	EXISTING	EXISTING	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B101	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B101A	MECHANICAL	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
B102	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B102A	MECHANICAL	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
B103	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B104	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
B105	WOMEN	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B106	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B106A	MECHANICAL	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
B107	JAN	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B107A	CHASE	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
B108	WORK ROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B109	MEN	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B110	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B111	IDF	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
B112	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B112A	MECHANICAL	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
B113	TLT	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B114	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B115	TLT	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B117	ELEC	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
C100	CORRIDOR	TERRAZZO	TERRAZZO	CMU/GWB	PAINT	APC	FACTORY	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 04
C101	RECEPTION	TERRAZZO	TERRAZZO	CMU/GWB	PAINT	APC	FACTORY	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 04
C101A	CORRIDOR	CPT	RB	CMU/GWB	PAINT	APC	FACTORY	
C102	VESTIBULE	TERRAZZO	TERRAZZO	CMU	PAINT	APC	FACTORY	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 04
C103	OFFICE WORK ROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
C104	BAND	CPT	RB	CMU/GWB	PAINT	APC	FACTORY	
C104A	INSTRUMENT STOR	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
C105	SECRETARY	CPT	RB	CMU/GWB	PAINT	APC	FACTORY	
C106	MUSIC	CPT	RB	CMU/GWB	PAINT	APC	FACTORY	
C106A	STOR	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
C107	DATA MANAGER	CPT	RB	CMU/GWB	PAINT	APC	FACTORY	
C108	ART	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
C108A	STOR	SEALED CONC	RB	CMU/GWB	PAINT	APC	FACTORY	
C108B	KILN	SEALED CONC	RB	CMU/GWB	PAINT	APC	FACTORY	
C109	MDF	SEALED CONC	RB	CMU/GWB	PAINT	EXPOSED	PAINT	
C111	RECORDS	CPT	RB	CMU/GWB	PAINT	APC	FACTORY	
C113	ASSISTANT PRINCIPAL	CPT	RB	CMU/GWB	PAINT	APC	FACTORY	
C115	NURSE	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
C115A	TLT	TILE	TB	CMU/GWB	PAINT	APC	FACTORY	
C117	PRINCIPAL	CPT	RB	CMU/GWB	PAINT	APC	FACTORY	
C119	ACCESS	SEALED CONC	RB	CMU/GWB	PAINT	EXPOSED	-	
C121	CONF	CPT	RB	CMU/GWB	PAINT	APC	FACTORY	
C123	TEACHER LOUNGE	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
C125	TLT	TILE	TB	CMU/GWB	PAINT	APC	FACTORY	
C127	TLT	TILE	TB	CMU/GWB	PAINT	APC	FACTORY	
C129	MEDIA CENTER	CPT	RB	CMU	PAINT	APC/GWB	FACTORY/PAINT	
C129A	WORK ROOM STORAGE	VCT	RB	CMU	PAINT	APC	FACTORY	
C131	TEACHER WORKROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
C133	BOOK STOR	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
C200	MECHANICAL	SEALED CONC	RB	CMU/GWB	PAINT	EXPOSED	-	
D100	CORRIDOR	TERRAZZO	TERRAZZO	CMU	PAINT	APC/GWB	FACTORY/PAINT	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 04
D101	VESTIBULE	TERRAZZO	TERRAZZO	CMU	PAINT	APC/GWB	FACTORY/PAINT	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 04
D103	STUDENT SERVICES	CPT	RB	CMU	PAINT	APC	FACTORY	
D103A	OFFICE	CPT	RB	CMU	PAINT	APC	FACTORY	
D103B	OFFICE	CPT	RB	CMU/GWB	PAINT	APC	FACTORY	
D103C	RESOURCE OFFICE	CPT	RB	CMU/GWB	PAINT	APC	FACTORY	
D103D	STORAGE	CPT	RB	CMU/GWB	PAINT	APC	FACTORY	
D104	DINING	TERRAZZO	RB	CMU	PAINT	APC	FACTORY	
D104A	TRASH ROOM	TERRAZZO	TB	CMU	PAINT	APC	FACTORY	
D105	GIRLS	TILE	TB	CMU	PAINT	APC	FACTORY	
D106	SERVING	QT	TB	CMU	PAINT	APC/GWB	FACTORY/PAINT	
D107	PLUMB CHASE	SEALED CONC	-	CMU/GWB	-	EXPOSED	-	
D108	DISH ROOM	QT	QT	CMU	PAINT	APC	FACTORY	
D109	BOYS	TILE	TB	CMU	PAINT/TILE	APC	FACTORY	
D110	OFFICE	QT	QT	CMU	PAINT	APC	FACTORY	
D112	JAN	QT	QT	CMU	PAINT	APC	FACTORY	
D113	ELEC	SEALED CONC	RB	CMU	PAINT	EXPOSED	-	
D114	LAUNDRY	QT	QT	CMU	PAINT	APC	FACTORY	
D115	MECHANICAL	SEALED CONC	RB	CMU	PAINT	EXPOSED	-	
D116	LOCKERS	QT	QT	CMU	PAINT	APC	FACTORY	
D116A	TLT	QT	QT	CMU	PAINT	APC	FACTORY	
D118	KITCHEN	QT	QT	CMU	PAINT	APC	FACTORY	
D120	DRY STORAGE	QT	QT	CMU	PAINT	APC	FACTORY	
D122	FREEZER	SEALED CONC	-	CMU	-	EXPOSED	-	
D124	COOLER	SEALED CONC	-	CMU	-	EXPOSED	-	
E100	CORRIDOR	VCT	RB	CMU	PAINT	APC	FACTORY	
E101	JAN	SEALED CONC	RB	CMU	PAINT	APC	FACTORY	
E102	DATA	SEALED CONC	RB	CMU	PAINT	EXPOSED	PAINT	
E103	STORAGE	VCT	RB	CMU	PAINT	APC	FACTORY	
E104	VISITOR LOCKER	QT	QT	CMU	PAINT	APC	FACTORY	
E105	CORRIDOR	VCT	RB	CMU	PAINT	APC	FACTORY	
E106	OFFICE	VCT	RB	CMU	PAINT	APC	FACTORY	
E107	OFFICE	VCT	RB	CMU	PAINT	APC	FACTORY	
E108	STORAGE	VCT	RB	CMU	PAINT	APC	FACTORY	
E109	TRAINING	QT	QT	CMU	PAINT	APC	FACTORY	
E110	LAUNDRY	QT	QT	CMU	PAINT	APC	FACTORY	
E111	STAFF TLT	QT/TILE	QT/TILE	CMU/GWB	PAINT	APC/GWB	FACTORY/PAINT	
E113	BOYS LOCKER	QT	QT	CMU	PAINT	APC	FACTORY	
E114	GIRLS LOCKER	QT	QT	CMU	PAINT	APC	FACTORY	
E115	BOYS	TILE	TB	CMU/GWB	PAINT/TILE	APC	FACTORY	
E116	GIRLS	TILE	TB	CMU/GWB	PAINT/TILE	APC	FACTORY	
E117	GYM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	PAINT AT NEW CMU
E117A	CORRIDOR	VCT	RB	CMU	PAINT	APC	FACTORY	
E117B	CORRIDOR	VCT	RB	CMU	PAINT	APC	FACTORY	
E121	LOBBY	EXISTING	EXISTING	CMU	EXISTING	APC	FACTORY	
E122	STOR	EXISTING	EXISTING	CMU	EXISTING	APC	FACTORY	
E122A	ELEC	EXISTING	EXISTING	CMU	EXISTING	EXPOSED	-	
E123	GIRLS	EXISTING	EXISTING	CMU	EXISTING	APC	FACTORY	
E124	BOYS	EXISTING	EXISTING	CMU	EXISTING	APC	FACTORY	
E125	CONCESSIONS	EXISTING	EXISTING	CMU	EXISTING	APC	FACTORY	
E1	ELEV	-	-	CMU	-	EXPOSED	-	SEE SPECS FOR CAB FINISHES
S1	STAIR	TERRAZZO	TERRAZZO	CMU	PAINT	APC/GWB	FACTORY/PAINT	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 04
S2	STAIR	TERRAZZO	TERRAZZO	CMU	PAINT	APC/GWB	FACTORY/PAINT	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 04
S1	STAIR TREADS AND INTERMEDIATE LANDING. ST CONC	-	-	RISERS, STRINGERS, GUARDRAILS, HANDRAILS: PAINT	-	-	-	
S2	STAIR TREADS AND INTERMEDIATE LANDING. ST CONC	-	-	RISERS, STRINGERS, GUARDRAILS, HANDRAILS: PAINT	-	-	-	

INTERIOR FINISHES ROOM SCHEDULE ALT 01

NUMBER	NAME	FLOOR FINISH	BASE FINISH	WALL		CEILING	
				MATERIAL	FINISH	MATERIAL	FINISH
A118	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY
A119	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY
A120	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY
A121	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY
A214	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY
A216	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY
A217	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY
A219	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY

INTERIOR FINISHES ROOM SCHEDULE ALT 02

NUMBER	NAME	FLOOR FINISH	BASE FINISH	WALL		CEILING	
				MATERIAL	FINISH	MATERIAL	FINISH
B100	CORRIDOR	EXISTING	RB (6")	EXISTING	EXISTING	EXISTING	EXISTING
B100A	CORRIDOR	VCT	RB	CMU/GWB	PAINT	APC	FACTORY
B101	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
B101A	MECHANICAL	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
B102	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
B102A	MECHANICAL	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
B103	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
B104	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
B105	WOMEN	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
B106	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
B106A	MECHANICAL	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
B107	JAN	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
B107A	CHASE	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
B108	WORK ROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
B109	MEN	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
B110	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
B111	IDF	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
B112	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING		



DAVIS KANE ARCHITECTS, P.A.

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

1 ADDENDUM #1 2/3/2025

NO.	DESCRIPTION	DATE

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PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: NK
Plot Date: 2/3/2025 7:41:16 AM

DATE ISSUED

BID DOCUMENTS

01/10/2025

SHEET TITLE

AREA A - 1ST & 2ND FLOOR FIN. PLANS - BASE BID

1100

FINISHES GENERAL NOTES:

- SEE FLOOR PLANS FOR WALL TYPES.
- SEE INTERIOR ELEVATIONS AND DETAILS FOR LOCATION OF CASEWORK AND WALL FINISH SELECTIONS NOT SHOWN ON PLAN.
- PAINT COLORS PROVIDED IN MATERIALS LEGEND ARE FOR COLOR MATCH ONLY.
- FOR MATERIALS LEGEND SEE SHEET A001
- FOR CEILING FINISH AND COLORS REFER TO REFLECTED CEILING PLANS.
- PAINT ALL STAIR STRINGERS, GUARDRAILS, HANDRAILS, BRACKETS AND EXPOSED UNDERSIDE OF STAIRS THROUGHOUT ALL STAIRS.
- FOR SIGN TYPES SEE SHEET A701.

FINISHES PLAN KEY:

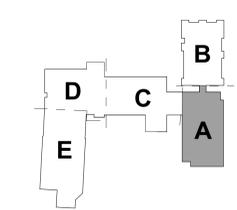
- QUARRY TILE
- MOSAIC TILE
- RUBBER FLOORING
- SEALED CONCRETE
- CARPET TILE
- VCT

TERRAZZO FINISH KEY:

- TZ 1
- TZ 2
- TZ 3

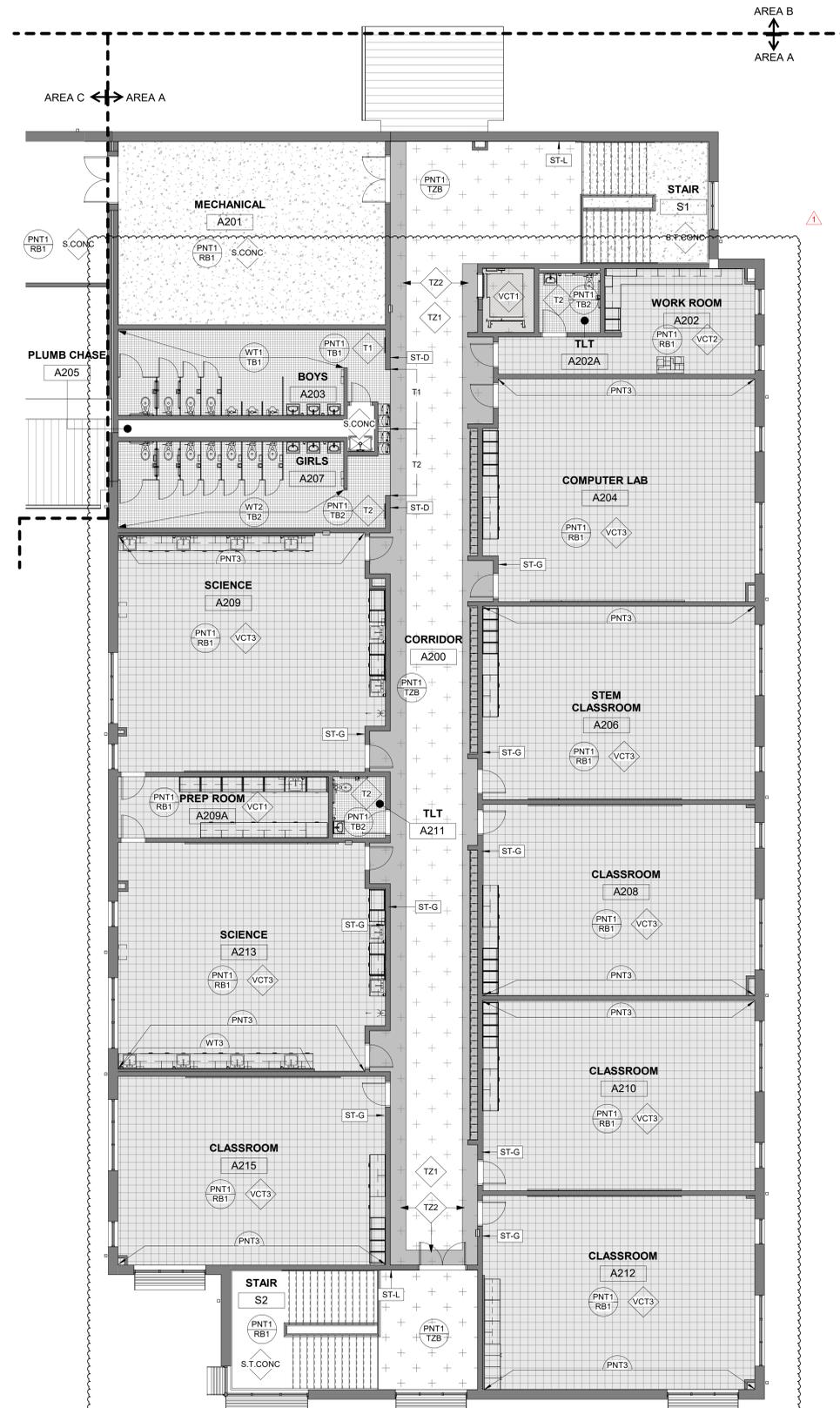
FINISHES PLAN SYMBOL LEGEND

- FLOORING
- WALL UON
- BASE UON
- SIGN TYPE



KEY PLAN-1ST FLOOR

NTS



A5 SECOND FLOOR PLAN FINISHES PLAN AREA A - BASE BID

1/8" = 1'-0"



A1 FIRST FLOOR FINISHES PLAN AREA A - BASE BID

1/8" = 1'-0"



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FINISHES GENERAL NOTES:

- SEE FLOOR PLANS FOR WALL TYPES.
- SEE INTERIOR ELEVATIONS AND DETAILS FOR LOCATION OF CASEWORK AND WALL FINISH SELECTIONS NOT SHOWN ON PLAN.
- PAINT COLORS PROVIDED IN MATERIALS LEGEND ARE FOR COLOR MATCH ONLY.
- FOR MATERIALS LEGEND SEE SHEET A001
- FOR CEILING FINISH AND COLORS REFER TO REFLECTED CEILING PLANS.
- PAINT ALL STAIR STRINGERS, GUARDRAILS, HANDRAILS, BRACKETS AND EXPOSED UNDERSIDE OF STAIRS THROUGHOUT ALL STAIRS.
- FOR SIGN TYPES SEE SHEET A701.

FINISHES PLAN KEY:

- QUARRY TILE
- MOSAIC TILE
- RUBBER FLOORING
- SEALED CONCRETE
- CARPET TILE
- VCT

FINISHES PLAN SYMBOL LEGEND

- FLOORING
- WALL UON
- BASE UON
- SIGN TYPE

SEALS



DKA JOB NUMBER

2401

REVISIONS

1 ADDENDUM #1 2/3/2025

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PM: BETH KING
Drawn By: NK
Plot Date: 2/3/2025 7:41:41 AM

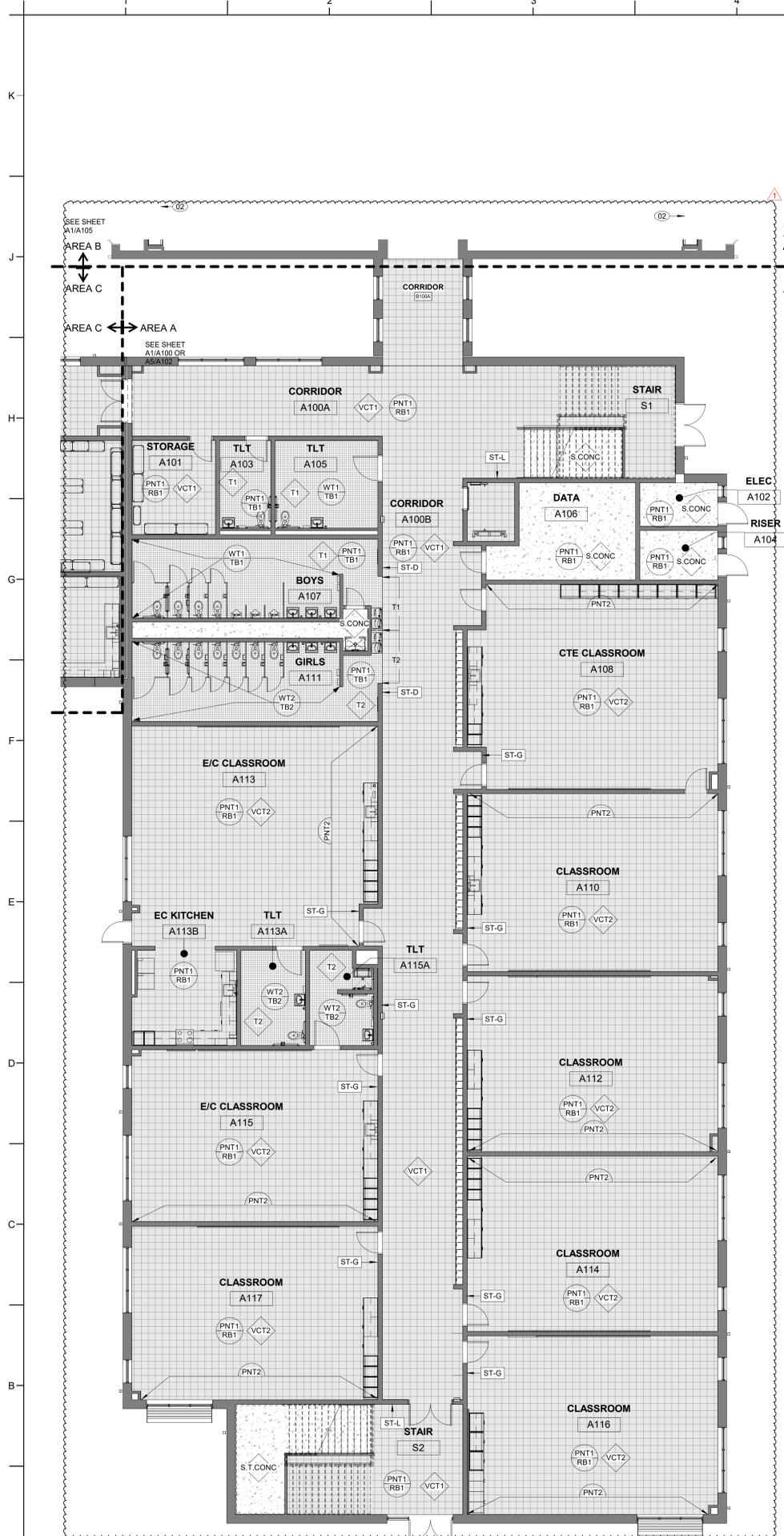
DATE ISSUED

BID DOCUMENTS
01/10/2025

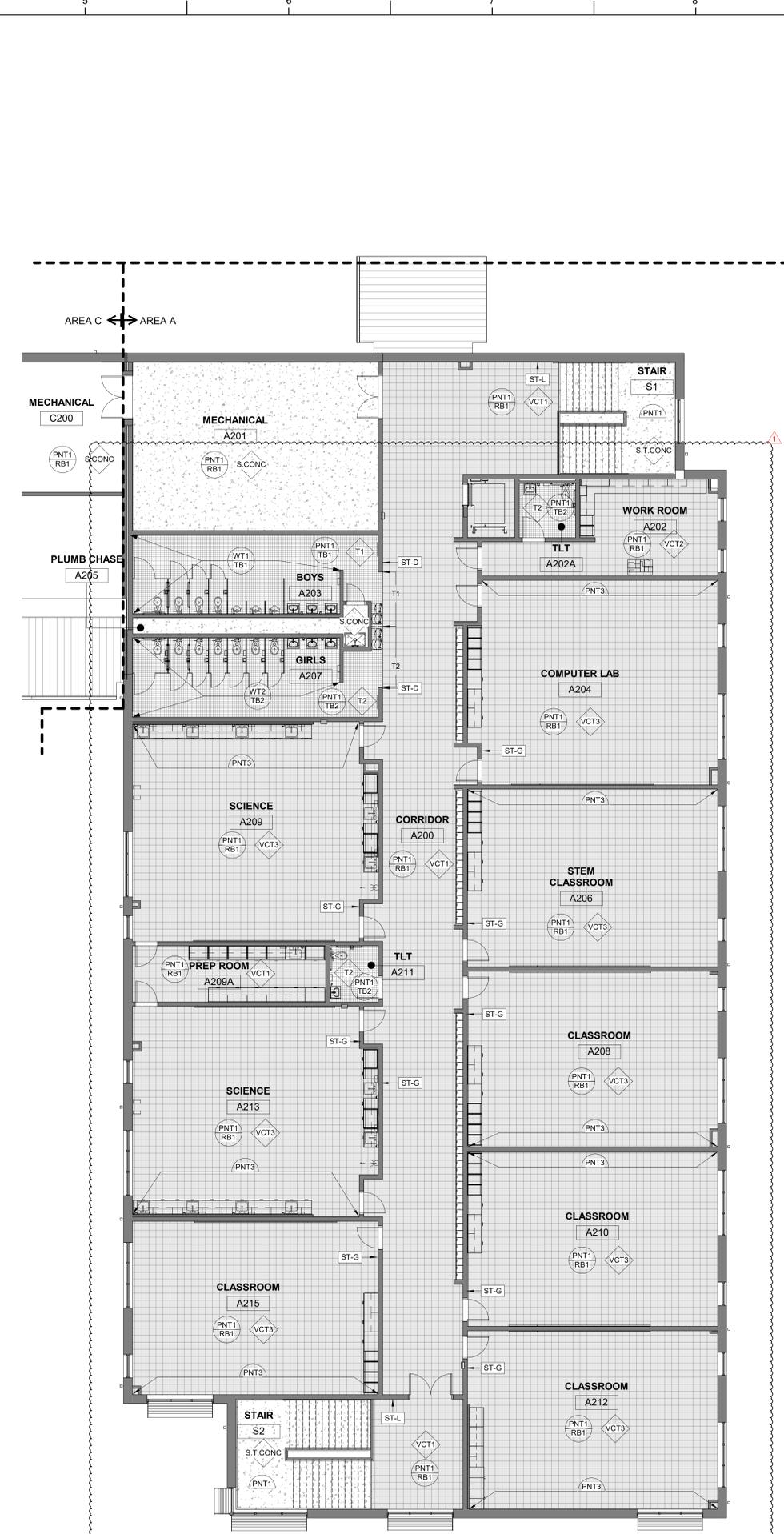
SHEET TITLE

AREA A - 1ST & 2ND FLOOR FIN. PLANS
BID ALT. NO. 4A

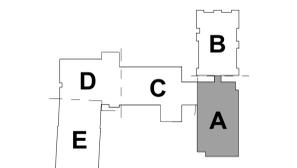
1101



A1 FIRST FLOOR FINISHES PLAN AREA A BID ALTERNATE NO. 4A
1/8" = 1'-0"



A5 SECOND FLOOR PLAN FINISHES PLAN AREA A BID ALTERNATE NO. 4A
1/8" = 1'-0"



KEY PLAN-1ST FLOOR
NTS



DAVIS KANE
ARCHITECTS, P.A.

503 OBERLIN ROAD | SUITE 300
RALEIGH, NC 27605
919.833.3737
www.davis-kane.com

PROJECT INFORMATION

**ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION**
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

1 ADDENDUM #1 2/3/2025

NO.	DESCRIPTION	DATE
1	ADDENDUM #1	2/3/2025

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DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE

AREA A 1ST FLOOR
FIN. PLANS ALT NO. 1

1102

FINISHES GENERAL NOTES:

- SEE FLOOR PLANS FOR WALL TYPES.
- SEE INTERIOR ELEVATIONS AND DETAILS FOR LOCATION OF CASEWORK AND WALL FINISH SELECTIONS NOT SHOWN ON PLAN.
- PAINT COLORS PROVIDED IN MATERIALS LEGEND ARE FOR COLOR MATCH ONLY.
- FOR MATERIALS LEGEND SEE SHEET A001
- FOR CEILING FINISH AND COLORS REFER TO REFLECTED CEILING PLANS.
- PAINT ALL STAIR STRINGERS, GUARDRAILS, HANDRAILS, BRACKETS AND EXPOSED UNDERSIDE OF STAIRS THROUGHOUT ALL STAIRS.
- FOR SIGN TYPES SEE SHEET A701.

FINISHES PLAN KEY:

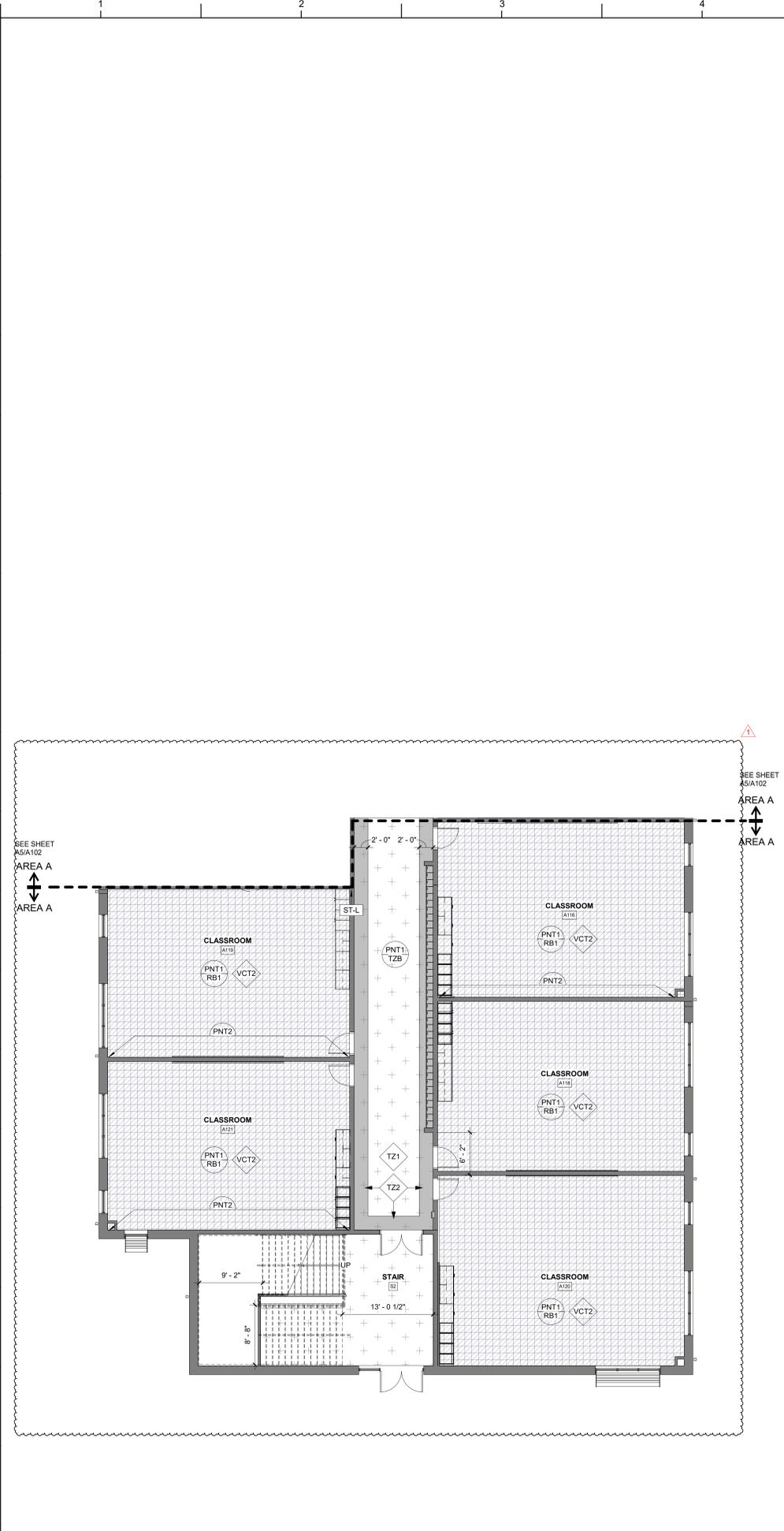
- QUARRY TILE
- MOSAIC TILE
- RUBBER FLOORING
- SEALED CONCRETE
- CARPET TILE
- VCT

TERRAZZO FINISH KEY:

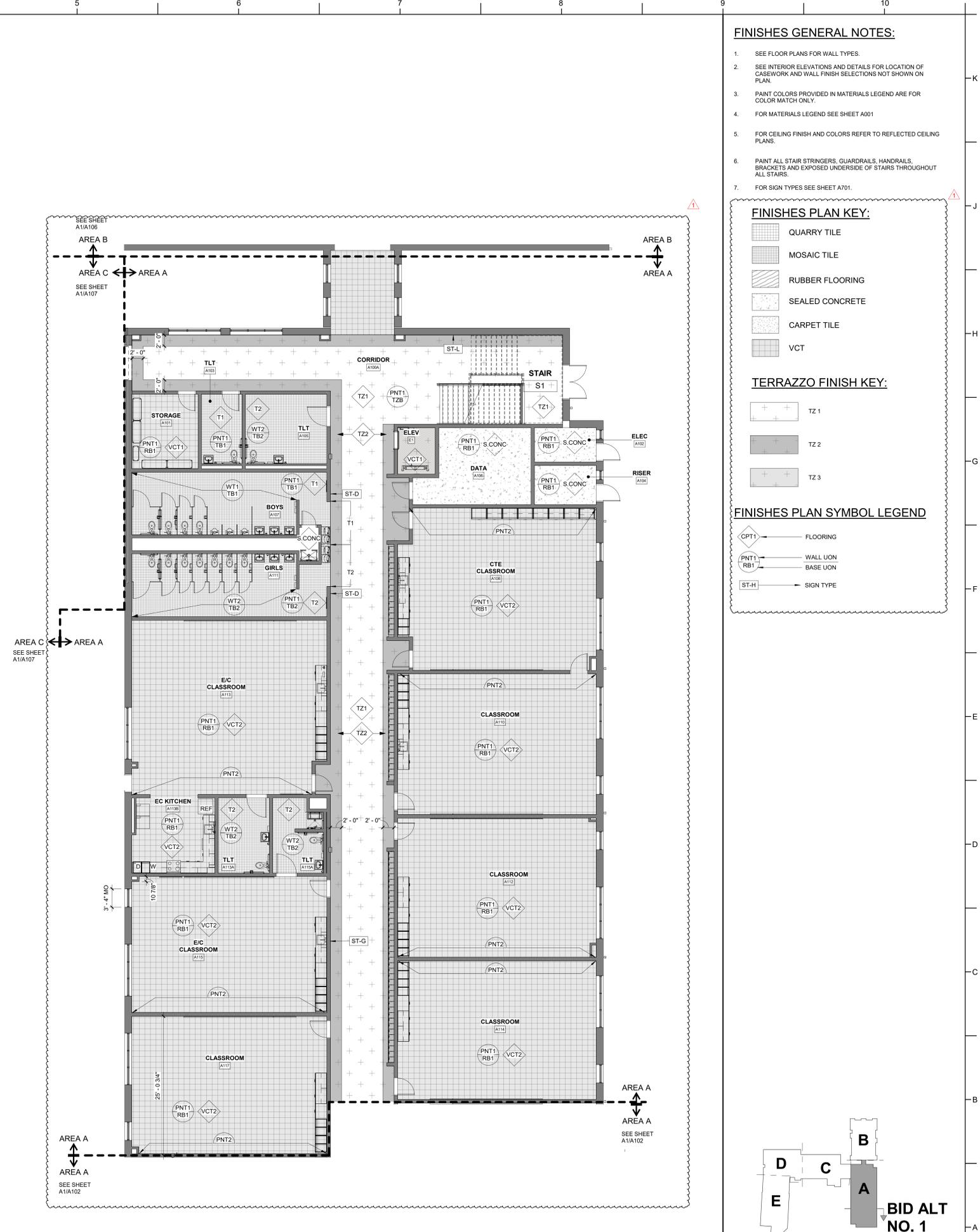
- TZ 1
- TZ 2
- TZ 3

FINISHES PLAN SYMBOL LEGEND

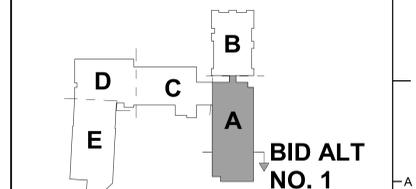
- CPT1 FLOORING
- PNT1 RB1 WALL UON
- PNT1 RB1 BASE UON
- ST-H SIGN TYPE



A1 FIRST FLOOR FINISHES PLAN - ALT NO.1 AREA A
1/8" = 1'-0"



A5 FIRST FLOOR FINISHES PLAN - ALT. NO.1 AREA A
1/8" = 1'-0"



KEY PLAN - 1ST FLOOR ALT
NTS



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PROJECT INFORMATION

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WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS



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BID DOCUMENTS
01/10/2025

SHEET TITLE

AREA A - 1ST FLOOR
FIN. PLANS ALT. NO.
1 - BID ALTS 4A + 4B

1103

FINISHES GENERAL NOTES:

- SEE FLOOR PLANS FOR WALL TYPES.
- SEE INTERIOR ELEVATIONS AND DETAILS FOR LOCATION OF CASEWORK AND WALL FINISH SELECTIONS NOT SHOWN ON PLAN.
- PAINT COLORS PROVIDED IN MATERIALS LEGEND ARE FOR COLOR MATCH ONLY.
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- FOR SIGN TYPES SEE SHEET A701.

FINISHES PLAN KEY:

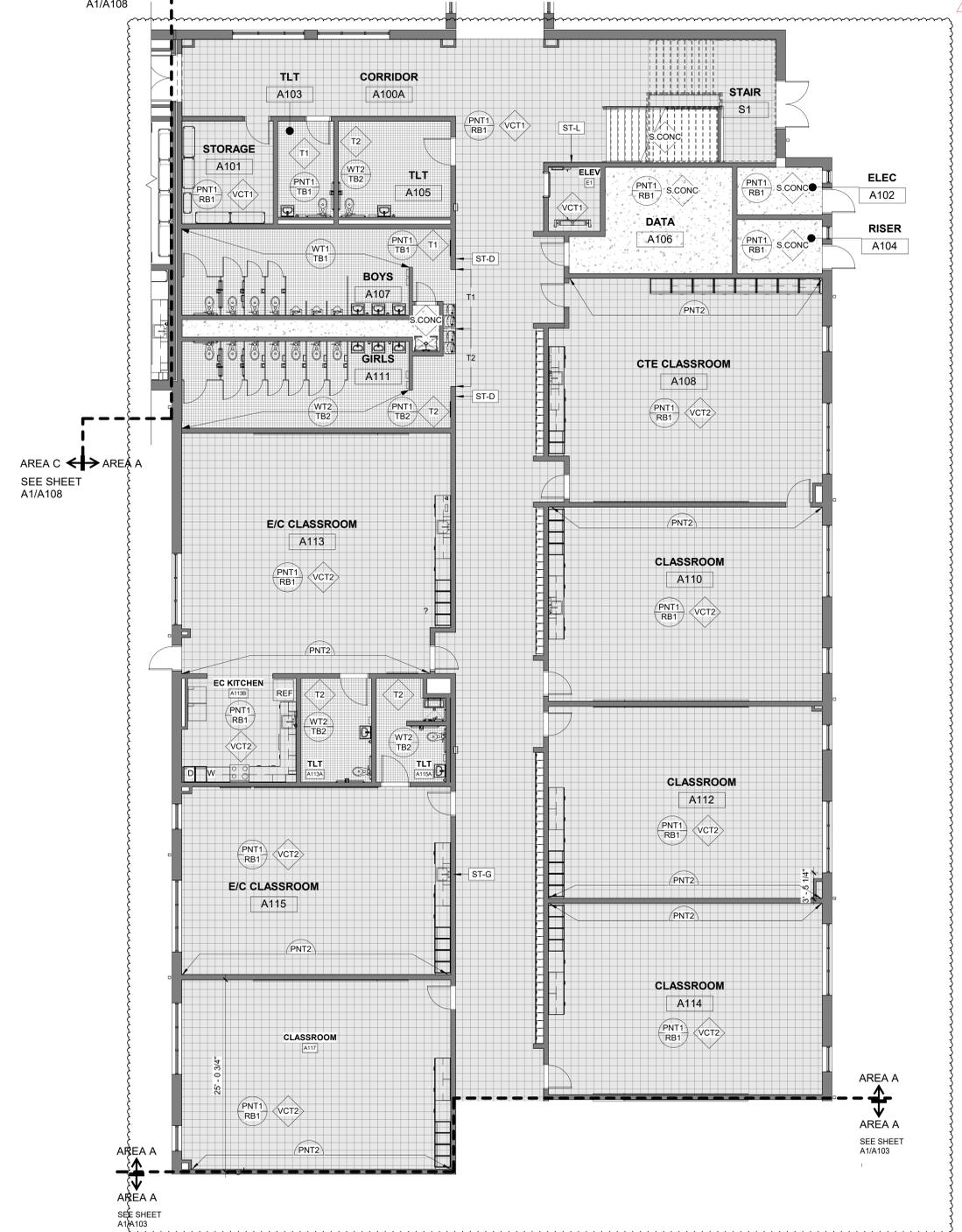
- QUARRY TILE
- MOSAIC TILE
- RUBBER FLOORING
- SEALED CONCRETE
- CARPET TILE
- VCT

FINISHES PLAN SYMBOL LEGEND

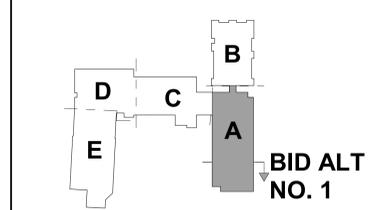
- FLOORING
- WALL UON
- BASE UON
- SIGN TYPE



A1 FIRST FLOOR FINISHES PLAN - ALT NO.1 AREA A - BID ALTS NO. 4A+4B 1/8" = 1'-0"



A5 FIRST FLOOR FINISHES PLAN - ALT NO.1 AREA A - BID ALTS NO. 4A+4B 1/8" = 1'-0"



KEY PLAN - 1ST FLOOR ALT NTS



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PROJECT INFORMATION

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WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530

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SHEET TITLE

AREA A 2ND FLOOR
FIN. PLANS ALT NO. 1

1104

FINISHES GENERAL NOTES:

- SEE FLOOR PLANS FOR WALL TYPES.
- SEE INTERIOR ELEVATIONS AND DETAILS FOR LOCATION OF CASEWORK AND WALL FINISH SELECTIONS NOT SHOWN ON PLAN.
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- FOR SIGN TYPES SEE SHEET A701.

FINISHES PLAN KEY:

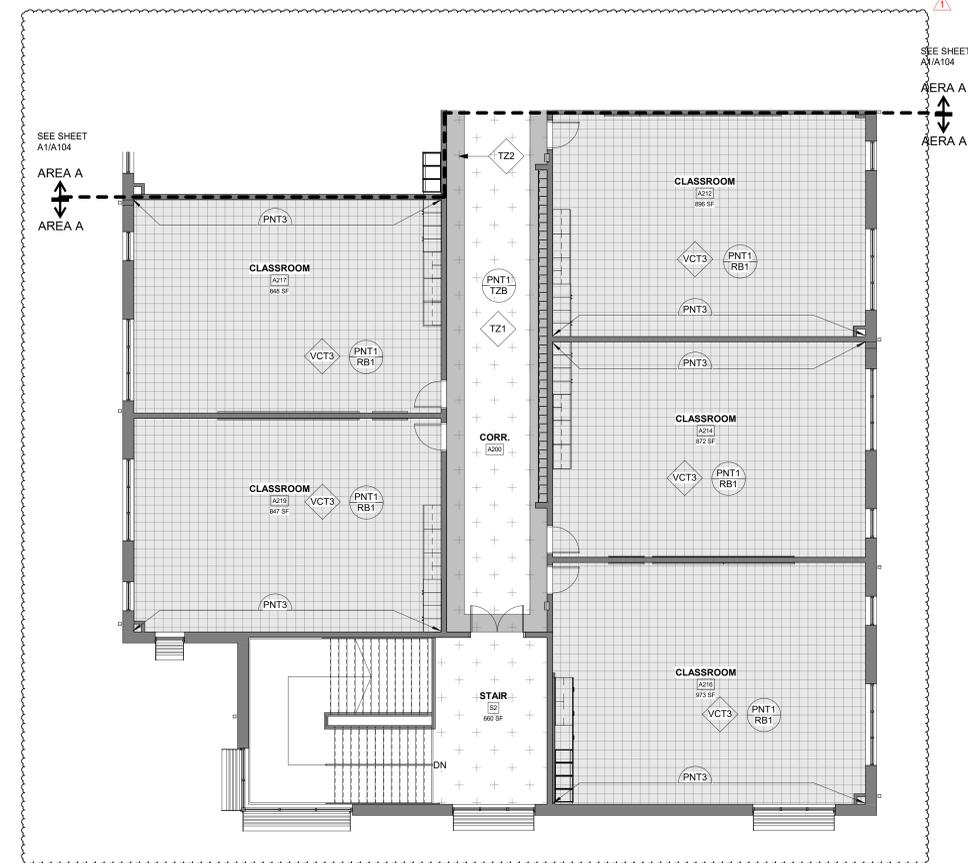
- QUARRY TILE
- MOSAIC TILE
- RUBBER FLOORING
- SEALED CONCRETE
- CARPET TILE
- VCT

TERRAZZO FINISH KEY:

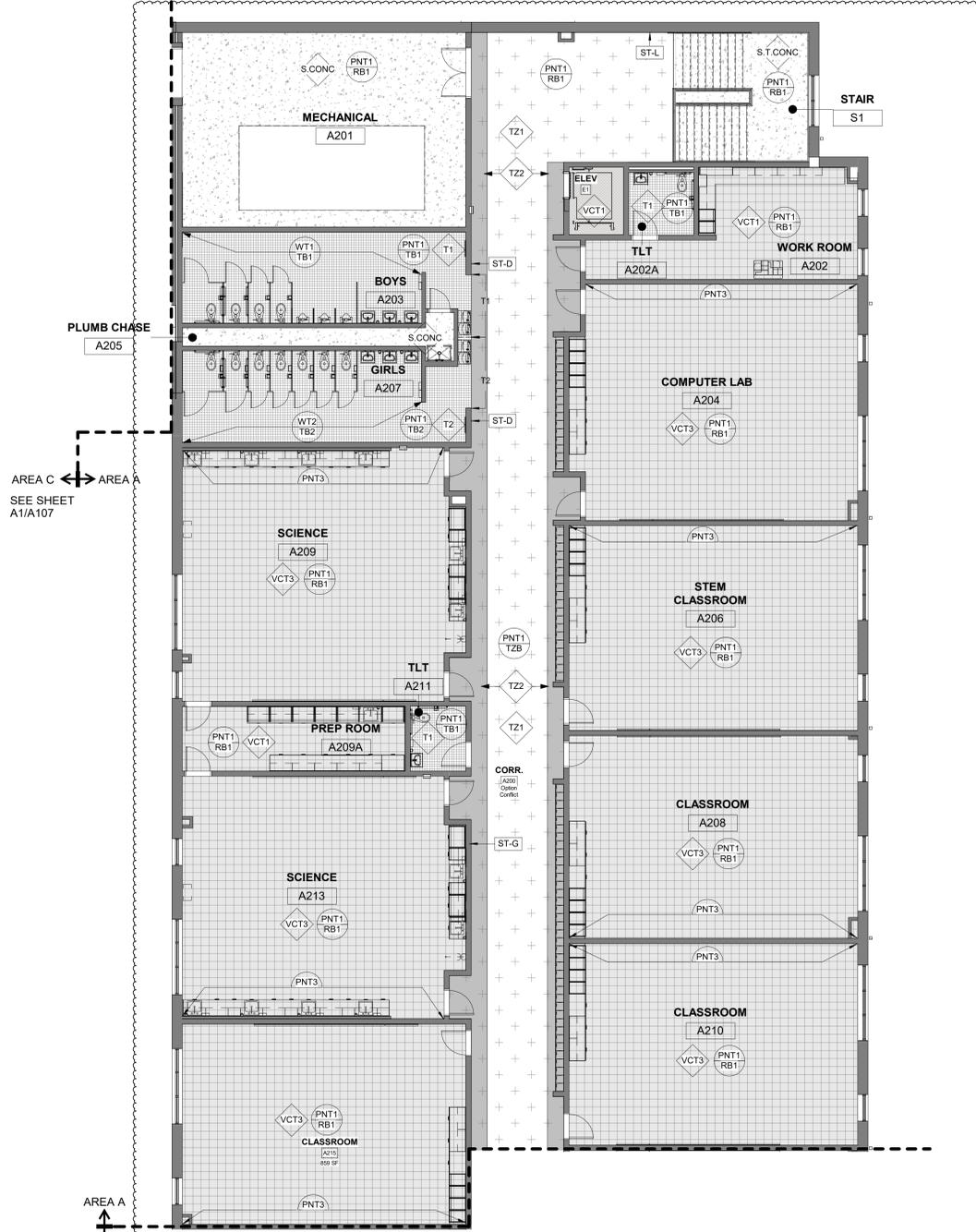
- TZ 1
- TZ 2
- TZ 3

FINISHES PLAN SYMBOL LEGEND

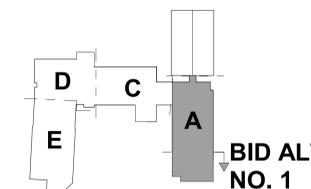
- FLOORING
- WALL UON
- BASE UON
- SIGN TYPE



A1 SECOND FLOOR FINISHES PLAN - ALT NO.1 AREA A
1/8" = 1'-0"



A5 SECOND FLOOR FINISHES PLAN - ALT NO.1 AREA A
1/8" = 1'-0"



KEY PLAN - 2ND FLOOR
NTS



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PROJECT INFORMATION

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WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530

SEALS



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SHEET TITLE

AREA A-2ND FLOOR
FIN. PLANS ALT NO.
1-BID ALTS 4A+4B

1105

FINISHES GENERAL NOTES:

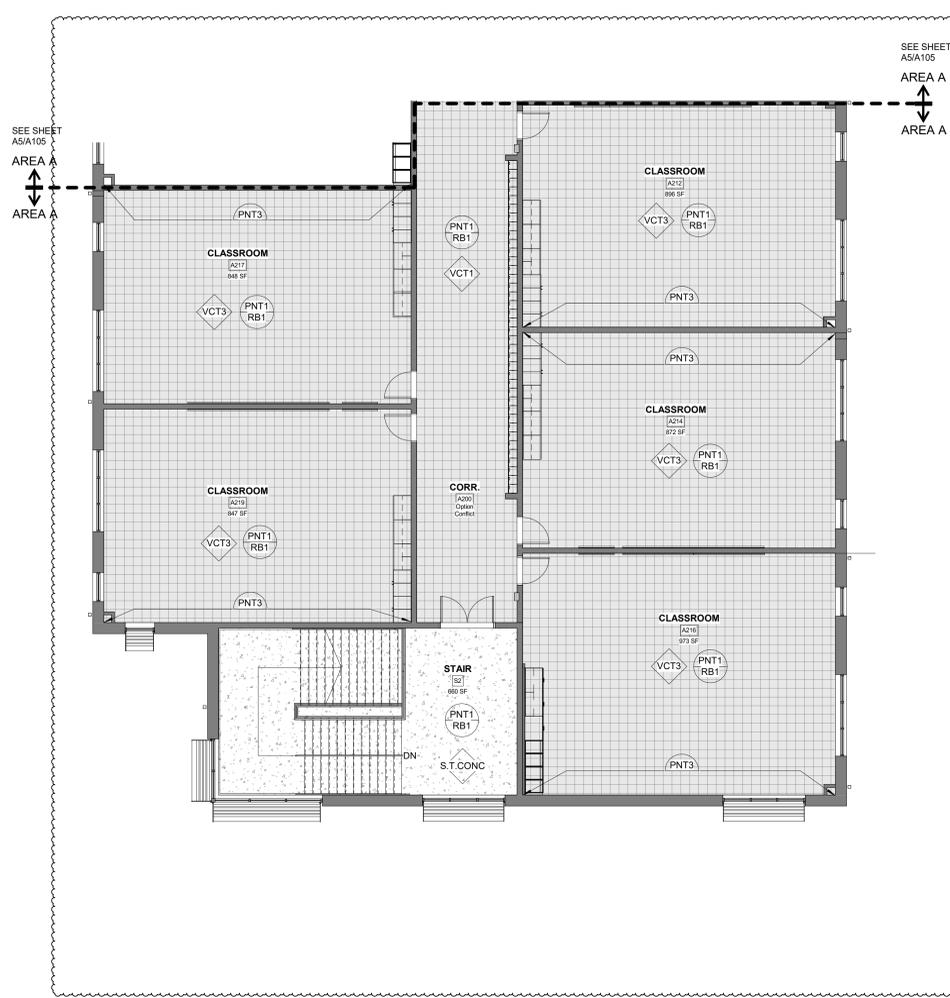
- SEE FLOOR PLANS FOR WALL TYPES.
- SEE INTERIOR ELEVATIONS AND DETAILS FOR LOCATION OF CASEWORK AND WALL FINISH SELECTIONS NOT SHOWN ON PLAN.
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FINISHES PLAN KEY:

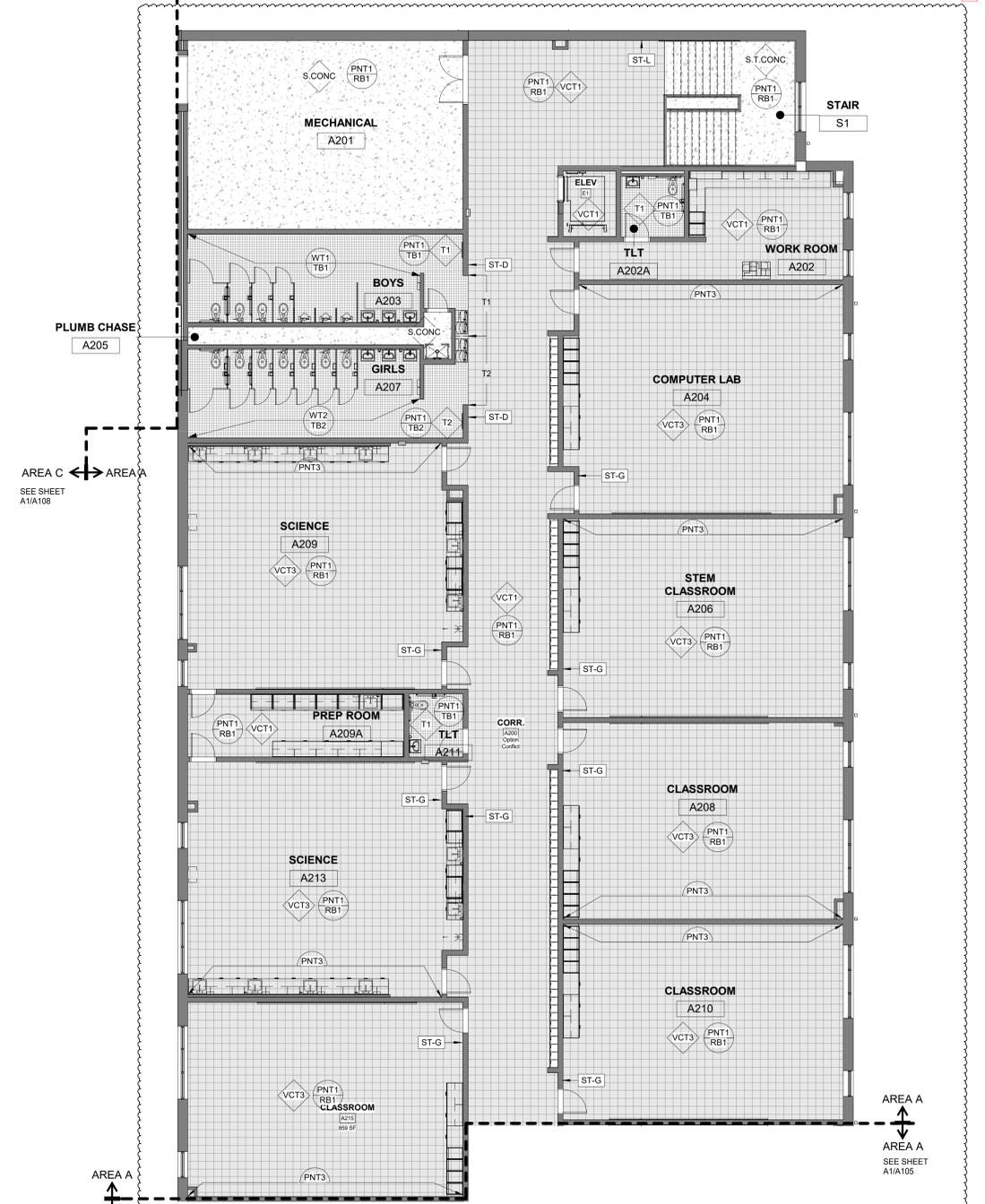
- QUARRY TILE
- MOSAIC TILE
- RUBBER FLOORING
- SEALED CONCRETE
- CARPET TILE
- VCT

FINISHES PLAN SYMBOL LEGEND:

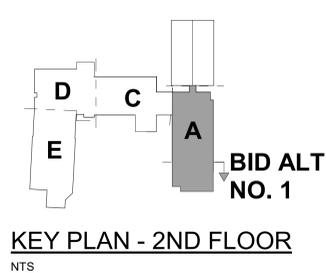
- FLOORING
- WALL UON
- BASE UON
- SIGN TYPE



SECOND FLOOR FINISHES PLAN -
ALT NO.1 AREA A - BID ALTS NO.
4A+4B
1/8" = 1'-0"



SECOND FLOOR FINISHES PLAN -
ALT NO.1 AREA A - BID ALTS NO.
4A+4B
1/8" = 1'-0"



KEY PLAN - 2ND FLOOR
NTS



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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

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1 ADDENDUM #1 2/3/2025

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SHEET TITLE

AREA B - 1ST FLOOR FINISHES PLAN BID ALTERNATE NO 2

1106

FINISHES GENERAL NOTES:

- SEE FLOOR PLANS FOR WALL TYPES.
- SEE INTERIOR ELEVATIONS AND DETAILS FOR LOCATION OF CASEWORK AND WALL FINISH SELECTIONS NOT SHOWN ON PLAN.
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- FOR SIGN TYPES SEE SHEET A701.

FINISHES PLAN KEY:

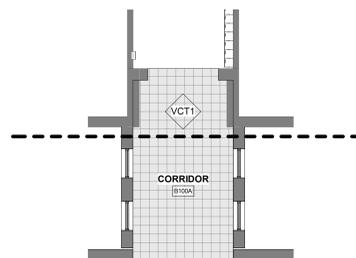
- QUARRY TILE
- MOSAIC TILE
- RUBBER FLOORING
- SEALED CONCRETE
- CARPET TILE
- VCT

FINISHES PLAN SYMBOL LEGEND

- FLOORING
- WALL UON
- BASE UON
- SIGN TYPE

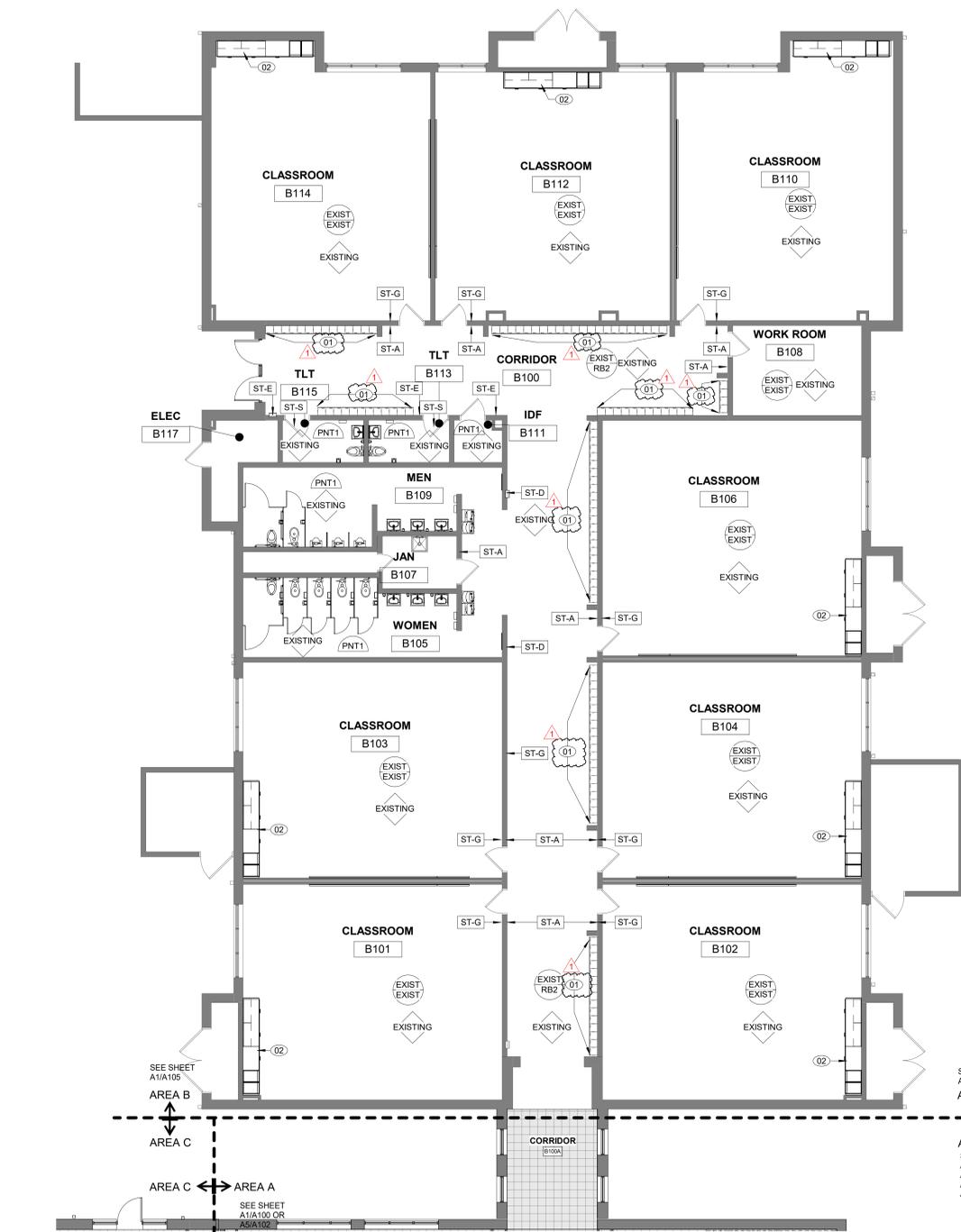
FINISHES KEY NOTES:

- NOTE: NOT ALL OF THE KEY NOTES ARE APPLICABLE TO THIS PLAN. SEE PLAN FOR KEYED ITEM LOCATIONS. KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS.
- (01) NEW PAINT ON EXPOSED SURFACES OF EXISTING LOCKERS.
 - (02) PROVIDE NEW 4" HIGH BLACK RESILIENT BASE AT NEW CASEWORK TO MATCH EXISTING ADJACENT RESILIENT BASE



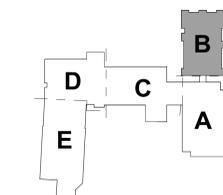
C5 FIRST FLOOR FINISHES PLAN - BID ALTERNATE NO. 2

1/8" = 1'-0"



A1 FIRST FLOOR FINISHES PLAN AREA B - BID ALT 02

1/8" = 1'-0"



KEY PLAN-1ST FLOOR

NTS



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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

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SHEET TITLE
AREA C - 1ST FLOOR
FINISHES PLAN

1107

FINISHES GENERAL NOTES:

- SEE FLOOR PLANS FOR WALL TYPES.
- SEE INTERIOR ELEVATIONS AND DETAILS FOR LOCATION OF CASEWORK AND WALL FINISH SELECTIONS NOT SHOWN ON PLAN.
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- FOR SIGN TYPES SEE SHEET A701.

FINISHES PLAN KEY:

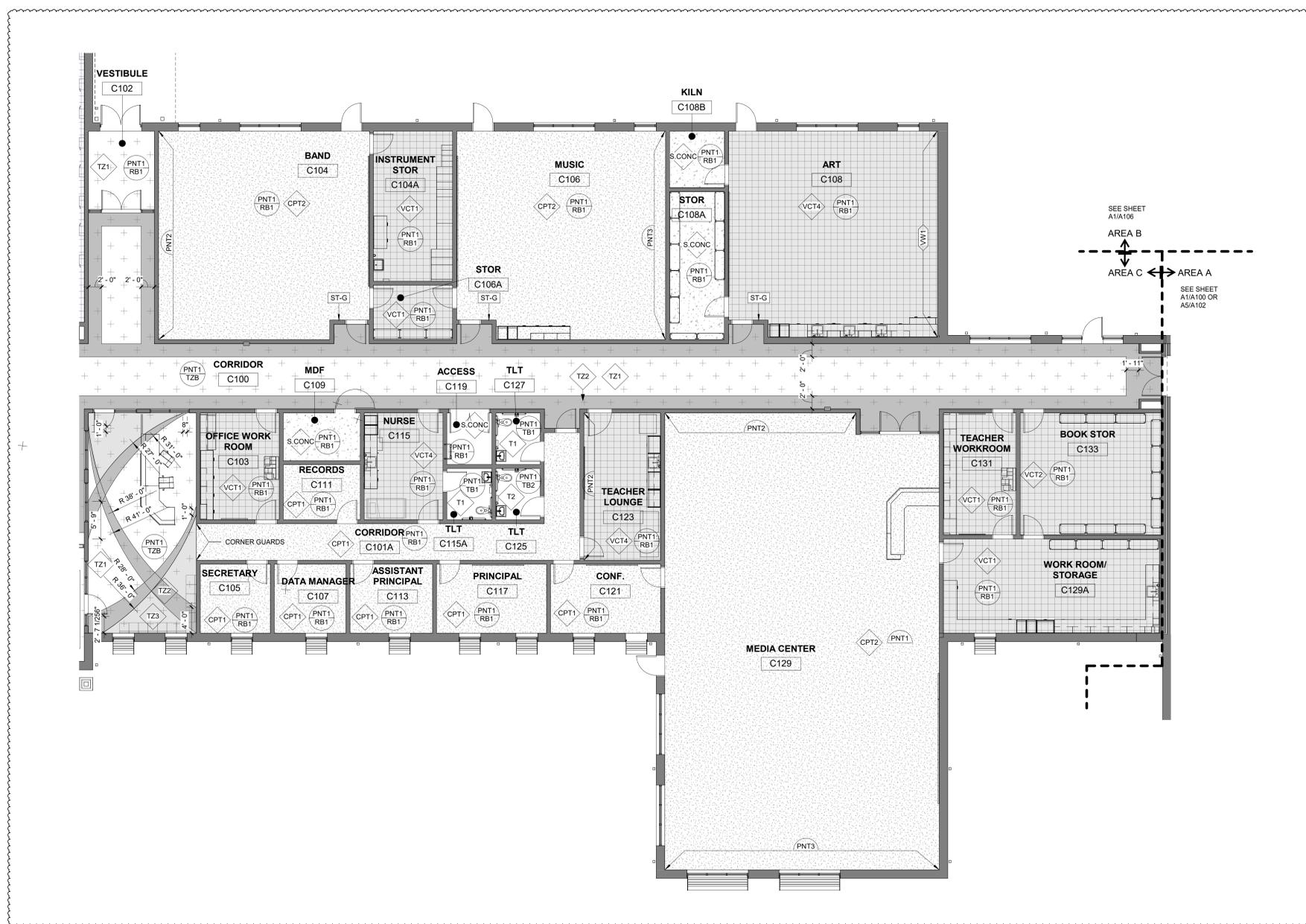
- QUARRY TILE
- MOSAIC TILE
- RUBBER FLOORING
- SEALED CONCRETE
- CARPET TILE
- VCT

TERRAZZO FINISH KEY:

- TZ 1
- TZ 2
- TZ 3

FINISHES PLAN SYMBOL LEGEND

- CPT1 FLOORING
- PNT1 RB1 WALL UON
- PNT1 RB1 BASE UON
- ST-H SIGN TYPE



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



KEY PLAN-1ST FLOOR
NTS



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PROJECT INFORMATION

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01/10/2025

SHEET TITLE

AREA C - 1ST FLOOR
FIN. PLAN - BIT ALT
NO. 4A

1108

FINISHES GENERAL NOTES:

- SEE FLOOR PLANS FOR WALL TYPES.
- SEE INTERIOR ELEVATIONS AND DETAILS FOR LOCATION OF CASEWORK AND WALL FINISH SELECTIONS NOT SHOWN ON PLAN.
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- FOR SIGN TYPES SEE SHEET A701.

FINISHES PLAN KEY:

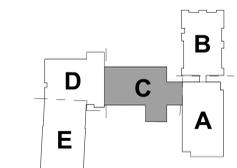
- QUARRY TILE
- MOSAIC TILE
- RUBBER FLOORING
- SEALED CONCRETE
- CARPET TILE
- VCT

FINISHES PLAN SYMBOL LEGEND

- FLOORING
- WALL UON
- BASE UON
- SIGN TYPE



A1 FIRST FLOOR FINISHES PLAN AREA C BID ALTERNATE NO. 4A
1/8" = 1'-0"



KEY PLAN-1ST FLOOR
NTS



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PROJECT INFORMATION

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WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

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- FOR SIGN TYPES SEE SHEET A701.

FINISHES PLAN KEY:

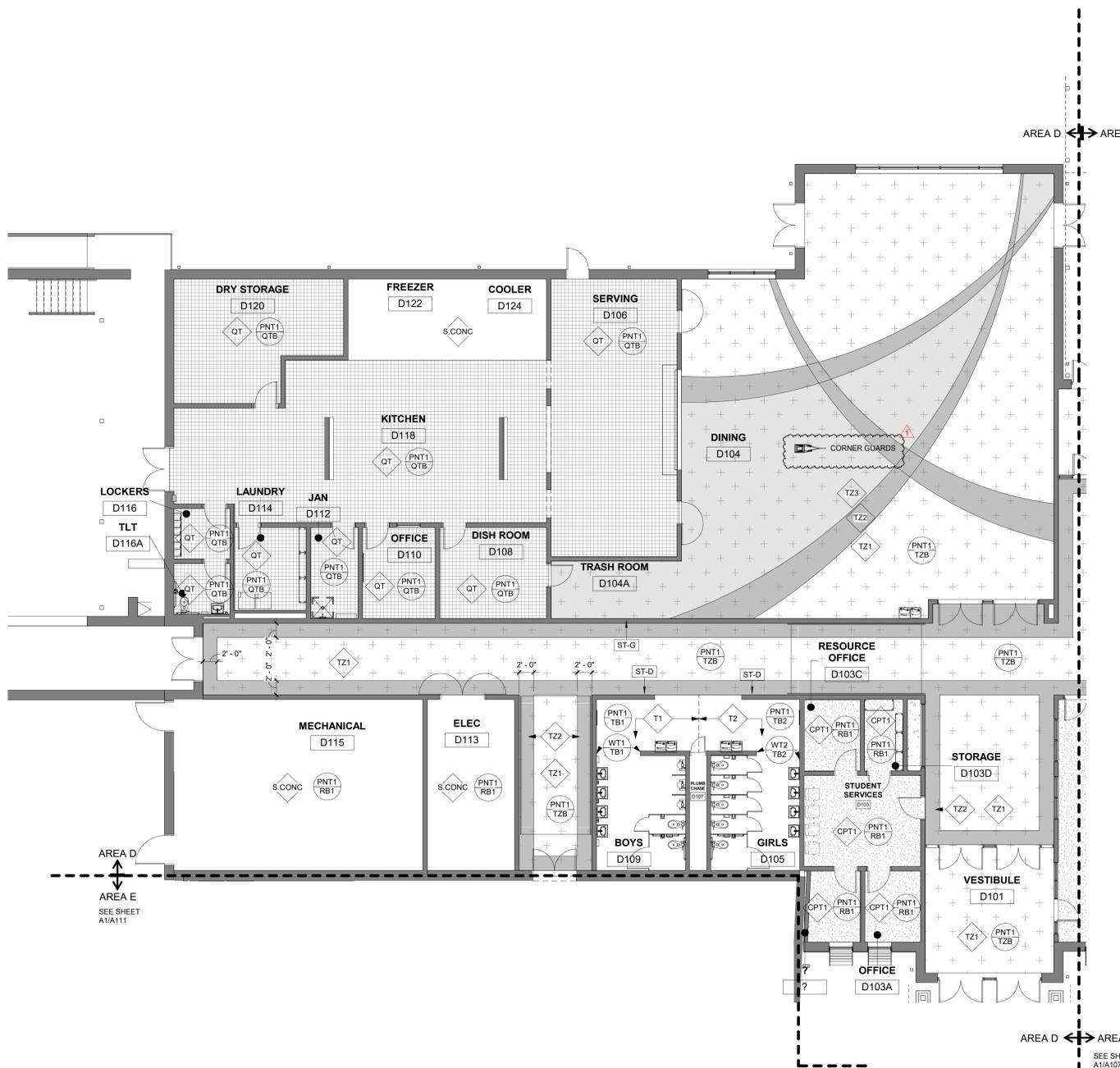
- QUARRY TILE
- MOSAIC TILE
- RUBBER FLOORING
- SEALED CONCRETE
- CARPET TILE
- VCT

TERRAZZO FINISH KEY:

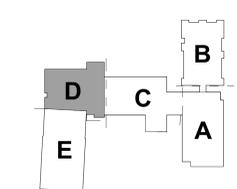
- TZ 1
- TZ 2
- TZ 3

FINISHES PLAN SYMBOL LEGEND

- FLOORING
- WALL UON
- BASE UON
- SIGN TYPE



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



KEY PLAN-1ST FLOOR
NTS

SEALS



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BID DOCUMENTS
01/10/2025

SHEET TITLE

AREA D - 1ST FLOOR
FINISHES PLAN

1109



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01/10/2025

SHEET TITLE

AREA D - 1ST FLOOR
FINISHES PLAN BID
ALT NO. 4A

1110

FINISHES GENERAL NOTES:

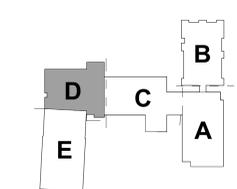
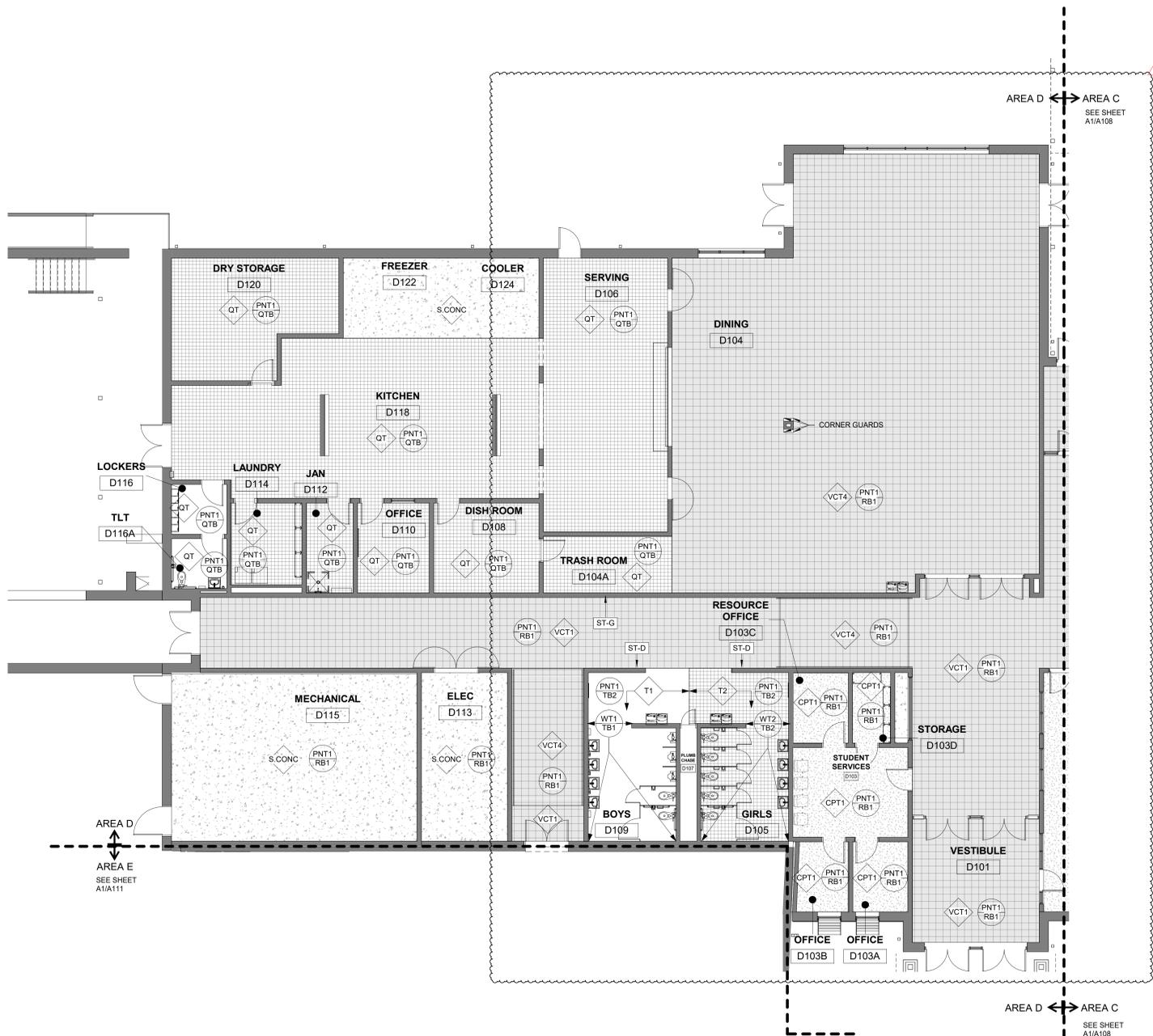
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- FOR SIGN TYPES SEE SHEET A701.

FINISHES PLAN KEY:

- QUARRY TILE
- MOSAIC TILE
- RUBBER FLOORING
- SEALED CONCRETE
- CARPET TILE
- VCT

FINISHES PLAN SYMBOL LEGEND

- FLOORING
- WALL UON
- BASE UON
- SIGN TYPE



KEY PLAN-1ST FLOOR

NTS

FIRST FLOOR FINISHES PLAN AREA D - BID ALTERNATE NO. 4A
1/8" = 1'-0"

A1



DAVIS KANE ARCHITECTS, P.A.

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S., Goldsboro, NC 27530

SEALS



DKA JOB NUMBER

2401

REVISIONS

1 ADDENDUM #1 2/3/2025

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PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: NK
Plot Date: 2/3/2025 7:44:20 AM

DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE
AREA E - 1ST FLOOR
FINISHES PLAN

1111

FINISHES GENERAL NOTES:

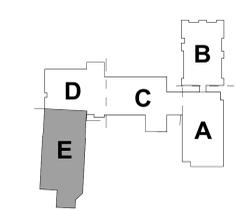
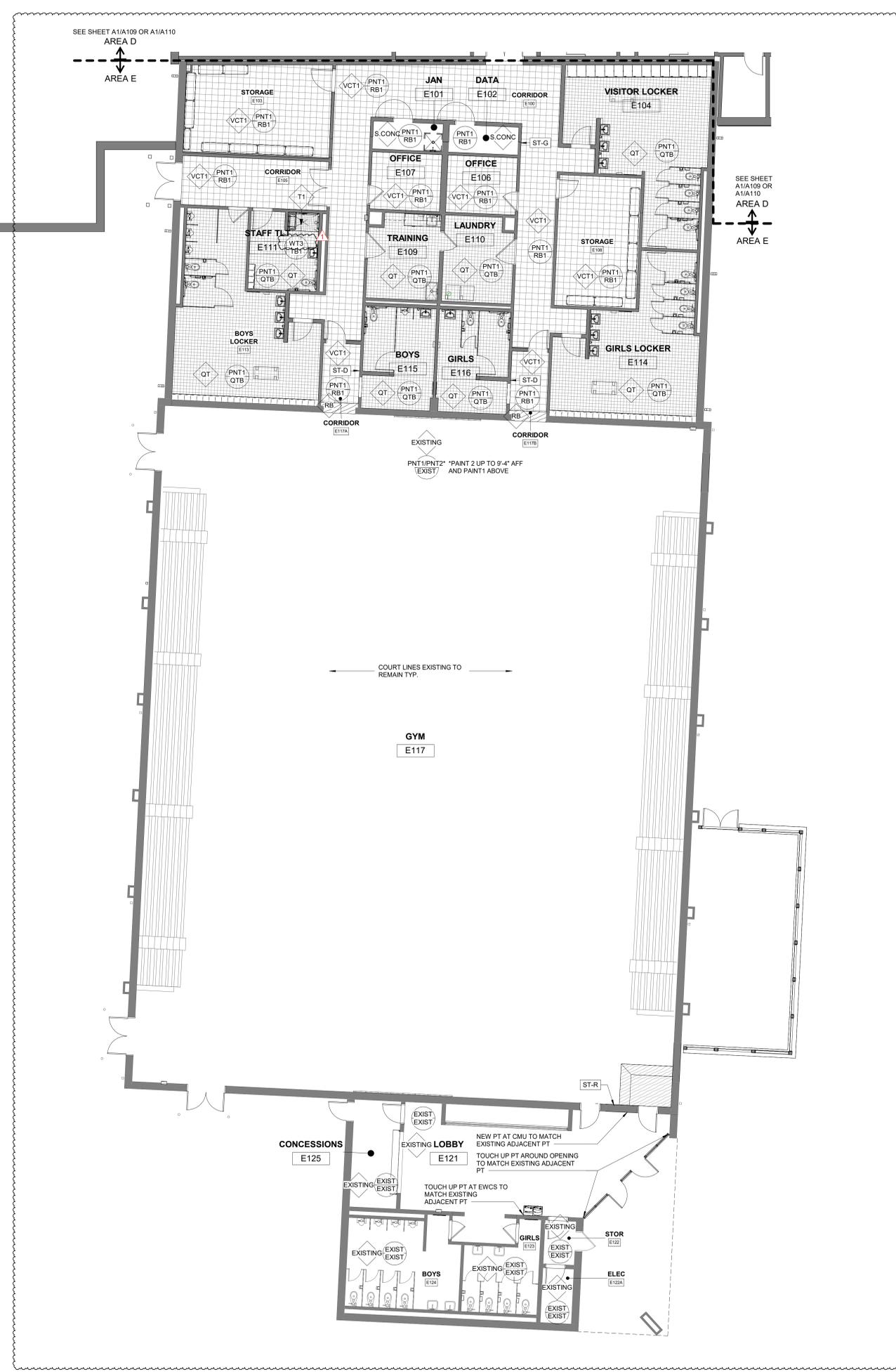
- SEE FLOOR PLANS FOR WALL TYPES.
- SEE INTERIOR ELEVATIONS AND DETAILS FOR LOCATION OF CASEWORK AND WALL FINISH SELECTIONS NOT SHOWN ON PLAN.
- PAINT COLORS PROVIDED IN MATERIALS LEGEND ARE FOR COLOR MATCH ONLY.
- FOR MATERIALS LEGEND SEE SHEET A001
- FOR CEILING FINISH AND COLORS REFER TO REFLECTED CEILING PLANS.
- PAINT ALL STAIR STRINGERS, GUARDRAILS, HANDRAILS, BRACKETS AND EXPOSED UNDERSIDE OF STAIRS THROUGHOUT ALL STAIRS.
- FOR SIGN TYPES SEE SHEET A701.

FINISHES PLAN KEY:

- QUARRY TILE
- MOSAIC TILE
- RUBBER FLOORING
- SEALED CONCRETE
- CARPET TILE
- VCT

FINISHES PLAN SYMBOL LEGEND

- CPT1 FLOORING
- PNT1, RB1 WALL UON
- PNT1, RB1 BASE UON
- ST-H SIGN TYPE



KEY PLAN-1ST FLOOR
NTS

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



PROJECT INFORMATION

lynchmykins Structural Engineers

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER 2401

REVISIONS

Table with 2 columns: Revision Number, Description, Date

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PE: DTO DE: LM Drawn By: SSSD Plot Date: 1/29/2025 5:47:40 PM

DATE ISSUED

BID DOCUMENTS 01/10/2025

SHEET TITLE

SPECIAL INSPECTIONS NC 1

S00.03

Table: FIRE-RESISTANT PENETRATIONS AND JOINTS

Table: MASONRY - LEVEL B

Table: SOILS

Table: SOILS (continued)

Table: SOILS (continued)

Table: SOILS (continued)

Table: SPRAYED FIRE-RESISTANT MATERIALS

Table: SPRAYED FIRE-RESISTANT MATERIALS (continued)

INSPECTIONS MUST BE PERFORMED AFTER THE ROUGH INSTALLATION OF ELECTRICAL, AUTOMATIC SPRINKLER, MECHANICAL AND PLUMBING SYSTEMS, AND SUSPENSION SYSTEMS FOR CEILINGS.

Table: COLD-FORMED STEEL DECK

Table: COLD-FORMED STEEL DECK (continued)

Table: COLD-FORMED STEEL DECK (continued)

Table: COLD-FORMED STEEL DECK (continued)

Table: CONCRETE CONSTRUCTION

Table: CONCRETE CONSTRUCTION (continued)

Table: CONCRETE CONSTRUCTION (continued)

Table: CONCRETE CONSTRUCTION (continued)

REFERENCES TO "ACI" IN THIS TABLE ARE TO THE ACI 318-14.

Table: STRUCTURAL STEEL AND HIGH-STRENGTH BOLTING

Table: STRUCTURAL STEEL AND HIGH-STRENGTH BOLTING (continued)

Table: STRUCTURAL STEEL AND HIGH-STRENGTH BOLTING (continued)

Table: STRUCTURAL STEEL AND HIGH-STRENGTH BOLTING (continued)

Table: WELDING OF STRUCTURAL STEEL

Table: WELDING OF STRUCTURAL STEEL (continued)

Table: WELDING OF STRUCTURAL STEEL (continued)

Table: WELDING OF STRUCTURAL STEEL (continued)

REFERENCES TO "ACI" IN THIS TABLE ARE TO THE ACI 318-14.

Table: STATEMENT OF SPECIAL INSPECTION SERVICES

THE SPECIAL INSPECTOR MUST KEEP RECORDS OF ALL SPECIAL INSPECTIONS AND TESTS AND MUST FURNISH REPORTS TO THE STATE CONSTRUCTION OFFICE AND THE DESIGNERS OF RECORD.

INTERIM REPORT FREQUENCY: MONTHLY

Table: SCHEDULE OF SPECIAL INSPECTION SERVICES

Table: INSPECTION AGENTS

NOTE: THE INSPECTION AND TESTING AGENT(S) MUST BE ENGAGED BY THE OWNER OR THE REGISTERED DESIGN PROFESSIONAL OF RECORD ACTING AS THE OWNER'S AGENT, AND NOT BY THE CONTRACTOR OR SUBCONTRACTOR WHOSE WORK IS TO BE INSPECTED OR TESTED.

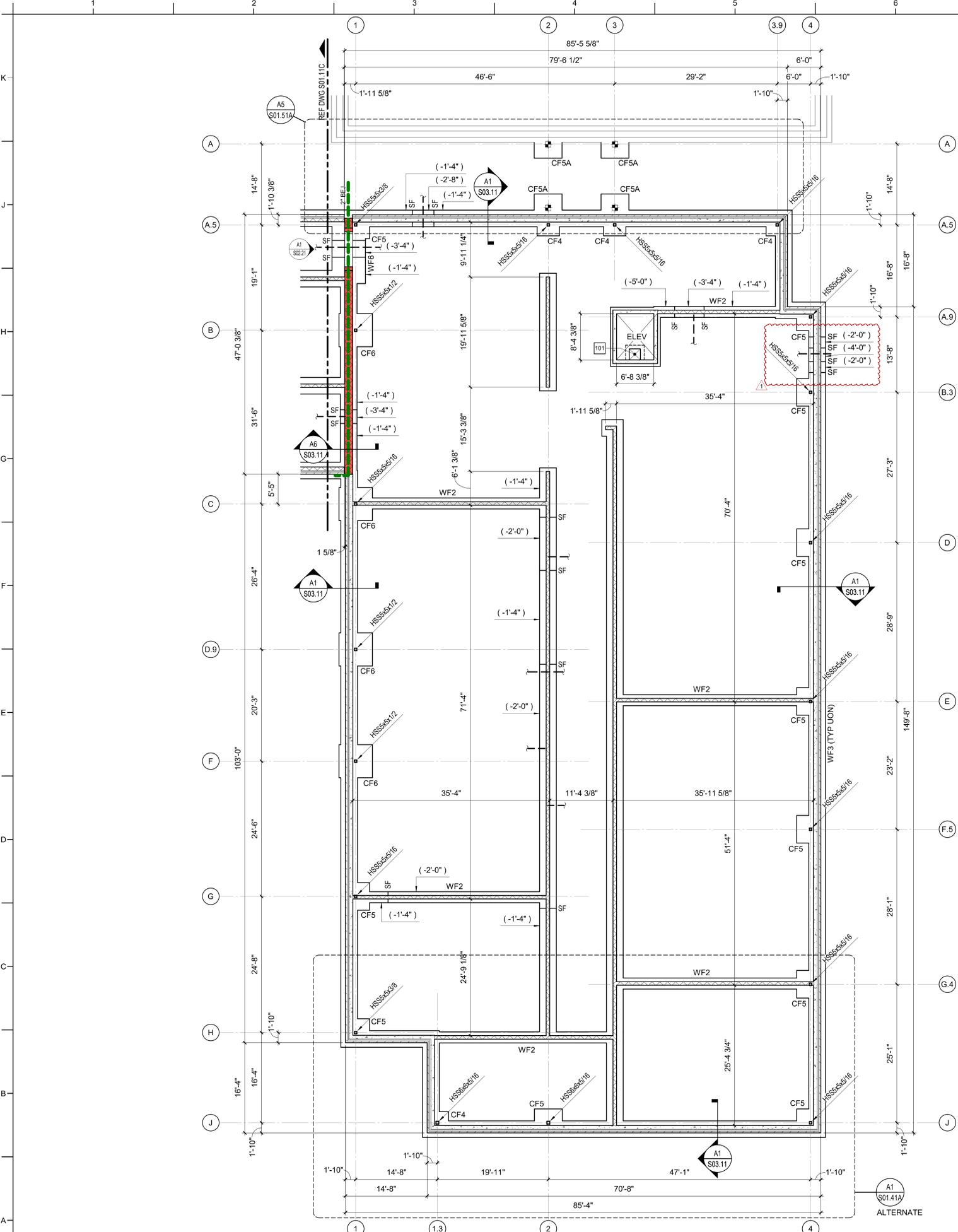
Table: OPEN-WEB STEEL JOISTS AND JOISTS GIRDERS

Table: OPEN-WEB STEEL JOISTS AND JOISTS GIRDERS (continued)

REFERENCES TO "ACI" IN THIS TABLE ARE TO THE ACI 318-14.

K J H G F E D C B A

1 2 3 4 5 6 7 8 9 10



FOUNDATION PLAN - AREA A
1/8" = 1'-0"

MARK	SIZE			REINFORCING	
	LENGTH	WIDTH	DEPTH	BOTTOM	TOP
CF4	4' - 0"	4' - 0"	1'-0"	(5) #5 EW	(5) #5 EW
CF5	5' - 0"	5' - 0"	1'-2"	(6) #5 EW	(6) #5 EW
CF5A	5' - 0"	5' - 0"	3'-0"	(7) #7 EW	(7) #7 EW
CF6	6' - 0"	6' - 0"	1'-6"	(7) #5 EW	(7) #5 EW

MARK	SIZE		REINFORCING	
	WIDTH	DEPTH	CONTINUOUS	TRANSVERSE
WF2	2' - 0"	1'-0"	(3) #5 BOT	#5 AT 24" OC BOT
WF3	3' - 0"	1'-0"	(4) #5 BOT	#5 AT 24" OC BOT
WF5	5' - 0"	1'-6"	(6) #6 BOT	#6 AT 12" OC BOT
WF6	6' - 0"	1'-6"	(7) #6 TOP & BOT	#6 AT 12" OC TOP & BOT

FOUNDATION PLAN NOTES

- A. REFERENCE ARCHITECTURAL DRAWINGS FOR DIMENSIONS TO NONBEARING WALLS, WALL CONTROL JOINTS AND OPENINGS.
- B. UNLESS OTHERWISE NOTED, ALL ELEVATIONS ARE BASED ON A FINISHED FIRST FLOOR REFERENCE OF 0'-0". ACTUAL FINISHED FLOOR ELEVATION IS 131'-14". FINISHED FLOOR ELEVATIONS AT EACH LEVEL ARE INDICATED ON SLAB PLANS. REFERENCE ARCHITECTURAL DRAWINGS FOR FINISHED FLOOR MATERIALS.
- C. TOP OF ALL FOOTINGS MUST BE AT ELEVATION -1'-4" UNLESS OTHERWISE NOTED.
- D. NOT ALL UTILITY LOCATIONS ARE SHOWN ON PLAN. THE CONTRACTOR MUST COORDINATE THE LOCATIONS, SIZES, AND INVERTS OF UTILITIES. AT LOCATIONS WHERE UTILITIES PASS BELOW THE TOP OF FOOTING ELEVATION, STEP THE TOP OF FOOTING DOWN ON EACH SIDE PER THE "TYPICAL STEPPED FOOTING DETAIL" AND SLEEVE THE UTILITY THROUGH THE FOUNDATION WALL. THE CONTRACTOR MAY, AT HIS/HER OPTION, SLEEVE THE UTILITY THROUGH THE FOUNDATION PER THE "TYPICAL PIPE SLEEVE AT WALL FOOTING DETAILS."
- E. UNLESS OTHERWISE INDICATED, EXTEND WALL FOOTINGS A MINIMUM OF 6 INCHES BEYOND ENDS OF WALLS.
- F. NOT ALL SITE WALLS ARE SHOWN ON PLAN. CONTRACTOR MUST COORDINATE CIVIL AND LANDSCAPE DRAWINGS FOR SITE WALL INFORMATION.
- G. DIMENSIONS SHOWN ON FOUNDATION PLAN ARE TO COLUMN GRIDLINES AND OUTSIDE FACE OF WALL ASSEMBLY, UNLESS OTHERWISE NOTED.
- H. DIMENSIONS TO ELEVATOR PIT FOR BIDDING PURPOSES ONLY. CONTRACTOR TO COORDINATE WITH EQUIPMENT PURCHASED.

KEY NOTES

- 101 2'-0" SQUARE SUMP PIT FOR ELEVATOR. REFERENCE TYPICAL DETAIL. COORDINATE LOCATION WITH PLUMBING DRAWINGS AND ELEVATOR MANUFACTURER.



PROJECT INFORMATION
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919.782.1833 - lynchmykins.com
LH Project Number: LM23.307

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER
2401

REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM #1	2/3/2025

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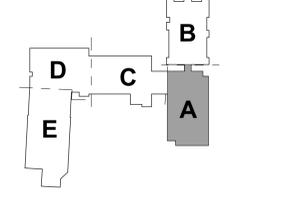
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SHEET TITLE

FOUNDATION PLAN - AREA A

S01.11A



KEY PLAN - 1ST FLOOR

MAT FOOTING SCHEDULE				
MARK	DEPTH	REINFORCING		REMARKS
		BOTTOM	TOP	
MF1	1'-6"	#6 AT 12" OC EW	#6 AT 12" OC EW	-
MF1	1'-6"	#6 AT 12" OC EW	#6 AT 12" OC EW	-

COLUMN FOOTING SCHEDULE					
MARK	SIZE			REINFORCING	
	LENGTH	WIDTH	DEPTH	BOTTOM	TOP
CF4	4'-0"	4'-0"	1'-0"	(5) #5 EW	(5) #5 EW
CF5	5'-0"	5'-0"	1'-2"	(6) #5 EW	(6) #5 EW
CF5A	5'-0"	5'-0"	3'-0"	(7) #7 EW	(7) #7 EW
CF6	6'-0"	6'-0"	1'-6"	(7) #5 EW	(7) #5 EW

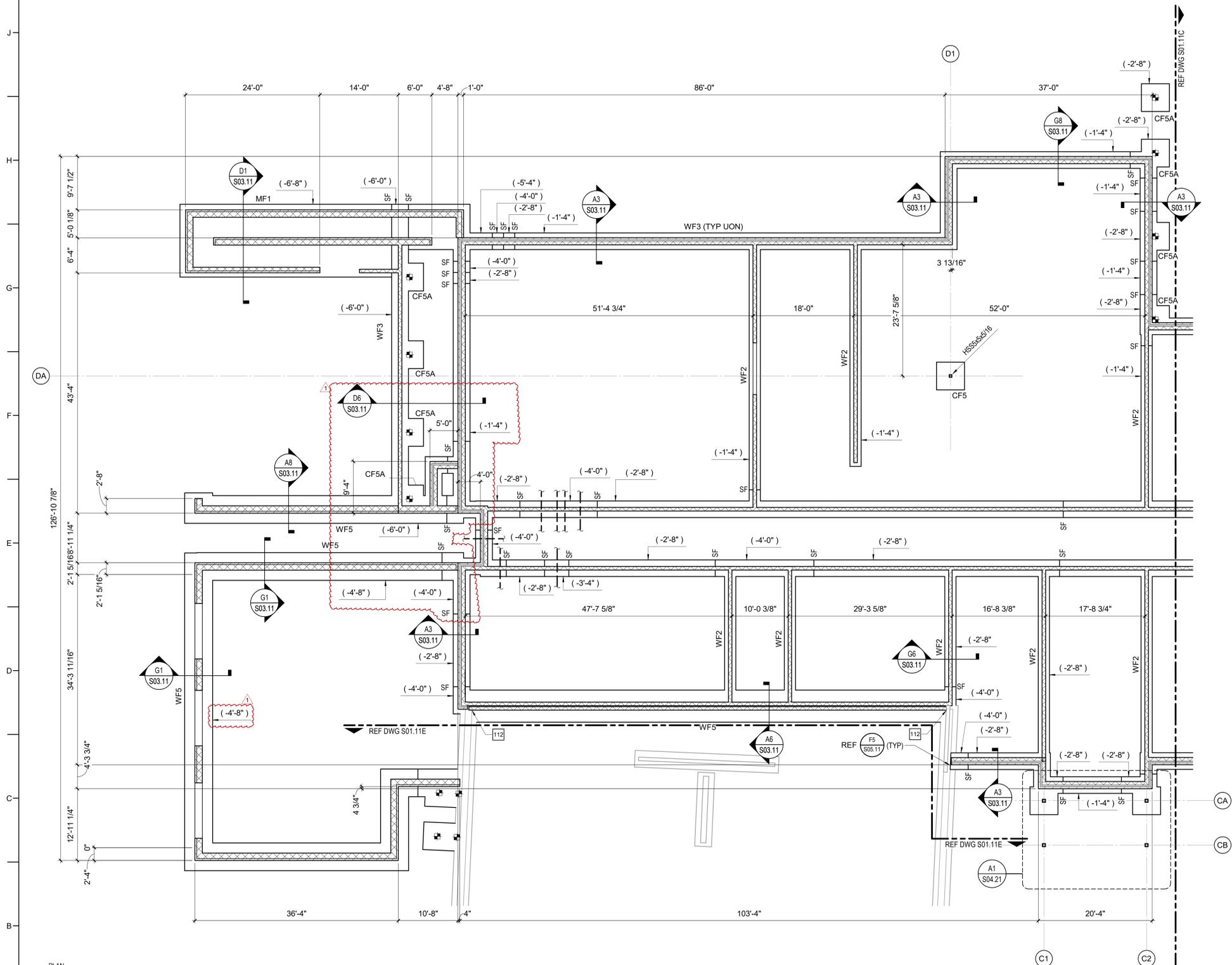
WALL FOOTING SCHEDULE				
MARK	SIZE		REINFORCING	
	WIDTH	DEPTH	CONTINUOUS	TRANSVERSE
WF2	2'-0"	1'-0"	(3) #5 BOT	#5 AT 24" OC BOT
WF3	3'-0"	1'-0"	(4) #5 BOT	#5 AT 24" OC BOT
WF5	5'-0"	1'-6"	(6) #6 BOT	#6 AT 12" OC BOT
WF6	6'-0"	1'-6"	(7) #6 TOP & BOT	#6 AT 12" OC TOP & BOT

FOUNDATION PLAN NOTES

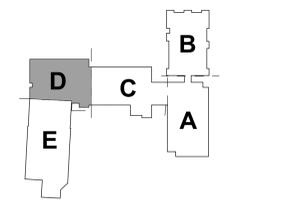
- A. REFERENCE ARCHITECTURAL DRAWINGS FOR DIMENSIONS TO NONBEARING WALLS, WALL CONTROL JOINTS AND OPENINGS.
- B. UNLESS OTHERWISE NOTED, ALL ELEVATIONS ARE BASED ON A FINISHED FIRST FLOOR REFERENCE OF 0'-0". ACTUAL FINISHED FLOOR ELEVATION IS 131.14'. FINISHED FLOOR ELEVATIONS AT EACH LEVEL ARE INDICATED ON SLAB PLANS. REFERENCE ARCHITECTURAL DRAWINGS FOR FINISHED FLOOR MATERIALS.
- C. TOP OF ALL FOOTINGS MUST BE AT ELEVATION -1'-4" UNLESS OTHERWISE NOTED.
- D. NOT ALL UTILITY LOCATIONS ARE SHOWN ON PLAN. THE CONTRACTOR MUST COORDINATE THE LOCATIONS, SIZES, AND INVERTS OF UTILITIES. AT LOCATIONS WHERE UTILITIES PASS BELOW THE TOP OF FOOTING ELEVATION, STEP THE TOP OF FOOTING DOWN ON EACH SIDE PER THE "TYPICAL STEPPED FOOTING DETAIL" AND SLEEVE THE UTILITY THROUGH THE FOUNDATION WALL. THE CONTRACTOR MAY, AT HIS/HER OPTION, SLEEVE THE UTILITY THROUGH THE FOUNDATION PER THE "TYPICAL PIPE SLEEVE AT WALL FOOTING DETAILS."
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- G. DIMENSIONS SHOWN ON FOUNDATION PLAN ARE TO COLUMN GRIDLINES AND OUTSIDE FACE OF WALL ASSEMBLY, UNLESS OTHERWISE NOTED.
- H. DIMENSIONS TO ELEVATOR PIT FOR BIDDING PURPOSES ONLY. CONTRACTOR TO COORDINATE WITH EQUIPMENT PURCHASED.

KEY NOTES

- 112 CUT COURSE NEW CMU WALL AT FOUNDATION LEVEL TO MATCH COURSING OF EXISTING CMU. TOOTH NEW WALL INTO CORNERS AND PROVIDE CONTINUOUS VERTICAL REINFORCING.



PLAN NORTH
A1 FOUNDATION PLAN - AREA D
 1/8" = 1'-0"



KEY PLAN - 1ST FLOOR
 NTS



PROJECT INFORMATION

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 LH Project Number: LM23.307

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER
2401

REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM #1	2/3/2025

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SHEET TITLE

FOUNDATION PLAN - AREA D

S01.11D



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LH Project Number: LM23.307

ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 881 S. Goldsboro, NC 27530

SEALS



02/01/2025

DKA JOB NUMBER

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SHEET TITLE

FOUNDATION PLAN - AREA E

S01.11E

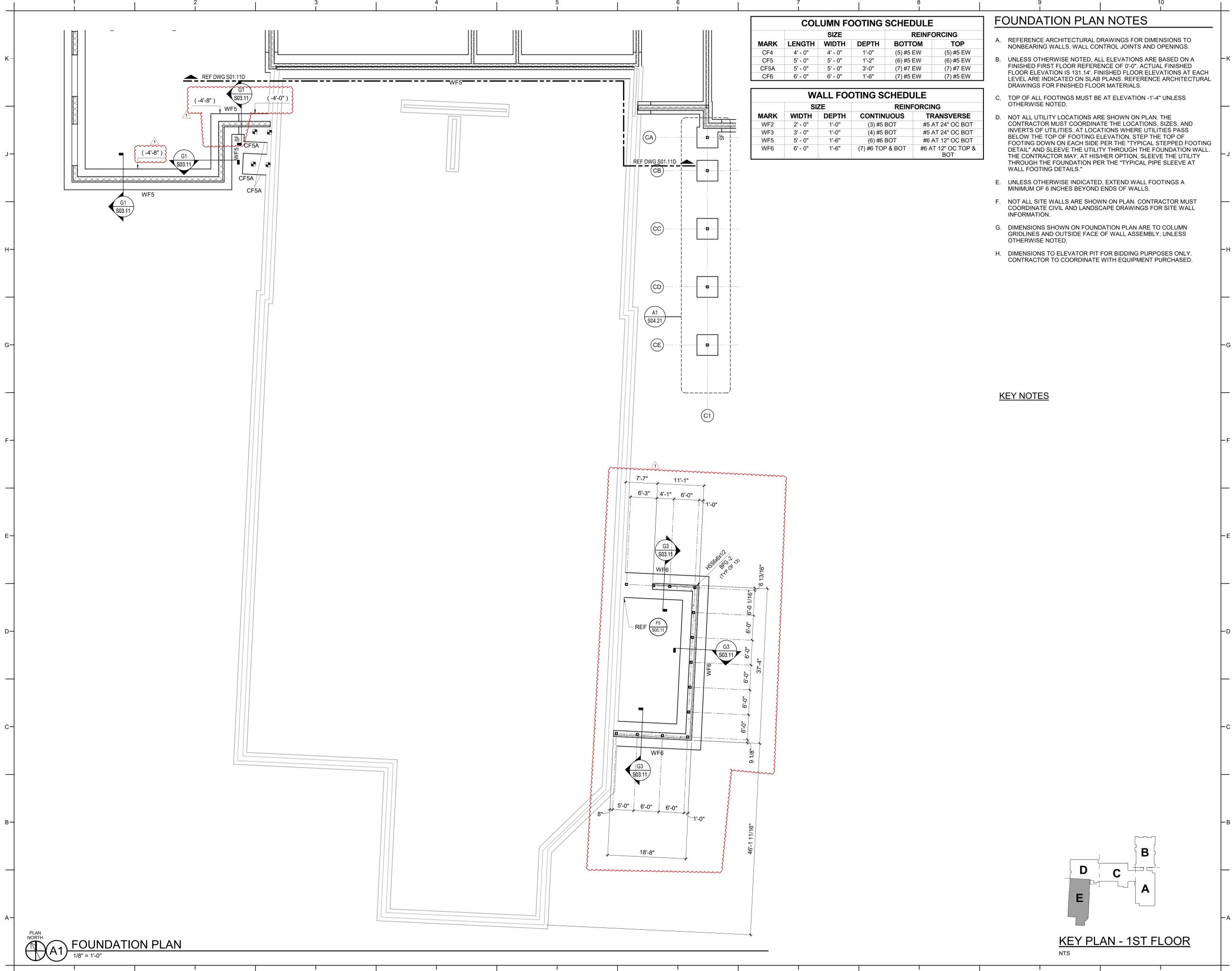
FOUNDATION PLAN NOTES

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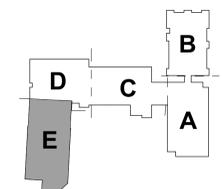
KEY NOTES

MARK	SIZE			REINFORCING	
	LENGTH	WIDTH	DEPTH	BOTTOM	TOP
CF4	4'-0"	4'-0"	1'-0"	(5) #5 EW	(5) #5 EW
CF5	5'-0"	5'-0"	1'-2"	(6) #5 EW	(6) #5 EW
CF5A	5'-0"	5'-0"	3'-0"	(7) #7 EW	(7) #7 EW
CF6	6'-0"	6'-0"	1'-6"	(7) #5 EW	(7) #5 EW

MARK	SIZE		REINFORCING	
	WIDTH	DEPTH	CONTINUOUS	TRANSVERSE
WF2	2'-0"	1'-0"	(3) #5 BOT	#5 AT 24" OC BOT
WF3	3'-0"	1'-0"	(4) #5 BOT	#5 AT 24" OC BOT
WF5	5'-0"	1'-6"	(6) #6 BOT	#6 AT 12" OC BOT
WF6	6'-0"	1'-6"	(7) #6 TOP & BOT	#6 AT 12" OC TOP & BOT



PLAN NORTH
A1
FOUNDATION PLAN
1/8" = 1'-0"



KEY PLAN - 1ST FLOOR
NTS



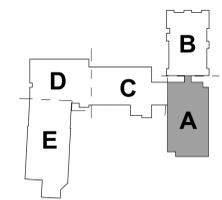
PLAN NORTH
2ND FLOOR SLAB PLAN - AREA A
 1/8" = 1'-0"

FRAMING PLAN NOTES

- A. REFERENCE FOUNDATION PLAN AND ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
- B. TOP OF FINISHED FLOOR ELEVATION MUST BE AS NOTED ON SLAB PLANS.
- C. FLOOR JOISTS MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 4'-0" ON-CENTER).
- D. STEEL ROOF FRAMING SUPPORTING 1 1/2" STEEL ROOF DECK MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 4'-0" ON-CENTER).
- E. CONCRETE ON ELEVATED METAL DECKS MUST BE POURED TO THE THICKNESS INDICATED.
- F. PROVIDE BOTTOM CHORD EXTENSIONS AT ALL JOISTS ON COLUMN CENTERLINES.
- G. AT STEEL ROOF FRAMING, BOTTOM OF DECK ELEVATIONS ARE SHOWN ON PLAN. INTERMEDIATE ELEVATIONS MUST BE STRAIGHT LINES BETWEEN GIVEN ELEVATIONS. INTERPOLATE AS REQUIRED FOR INTERMEDIATE BEARING ELEVATIONS, UNLESS OTHERWISE NOTED.
- H. COORDINATE AND VERIFY ALL MEMBER LOCATIONS, DIMENSIONS, WEIGHTS, OPENING SIZES, AND CURB DIMENSIONS FOR ALL MECHANICAL EQUIPMENT WITH THE ACTUAL EQUIPMENT FURNISHED. INCLUDE THIS INFORMATION ON THE JOIST AND STRUCTURAL STEEL SHOP DRAWINGS.

KEY NOTES

202 2 1/2" CONCRETE SLAB ON 1 1/2" FORM DECK, (4" TOTAL) REINFORCED WITH 6x6-W4.0xW4.0 WELDED WIRE REINFORCING LOCATED 3/4" CLEAR FROM THE TOP OF FLUTES.



KEY PLAN - 1ST FLOOR
 NTS



PROJECT INFORMATION

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 LH Project Number: LM23.307

**ROSEWOOD MIDDLE SCHOOL
 ADDITION AND RENOVATION**
 WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 881 S. Goldsboro, NC 27530

SEALS



02/01/2025

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SHEET TITLE

2ND FLOOR SLAB
 PLAN - AREA A

S01.22A

FRAMING PLAN NOTES

- A. REFERENCE FOUNDATION PLAN AND ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
- B. TOP OF FINISHED FLOOR ELEVATION MUST BE AS NOTED ON SLAB PLANS.
- C. FLOOR JOISTS MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 4'-0" ON-CENTER).
- D. STEEL ROOF FRAMING SUPPORTING 1 1/2" STEEL ROOF DECK MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 4'-0" ON-CENTER).
- E. CONCRETE ON ELEVATED METAL DECKS MUST BE POURED TO THE THICKNESS INDICATED.
- F. PROVIDE BOTTOM CHORD EXTENSIONS AT ALL JOISTS ON COLUMN CENTERLINES.
- G. AT STEEL ROOF FRAMING, BOTTOM OF DECK ELEVATIONS ARE SHOWN ON PLAN. INTERMEDIATE ELEVATIONS MUST BE STRAIGHT LINES BETWEEN GIVEN ELEVATIONS. INTERPOLATE AS REQUIRED FOR INTERMEDIATE BEARING ELEVATIONS, UNLESS OTHERWISE NOTED.
- H. COORDINATE AND VERIFY ALL MEMBER LOCATIONS, DIMENSIONS, WEIGHTS, OPENING SIZES, AND CURB DIMENSIONS FOR ALL MECHANICAL EQUIPMENT WITH THE ACTUAL EQUIPMENT FURNISHED. INCLUDE THIS INFORMATION ON THE JOIST AND STRUCTURAL STEEL SHOP DRAWINGS.

KEY NOTES

- 202 2 1/2" CONCRETE SLAB ON 1 1/2" FORM DECK, (4" TOTAL) REINFORCED WITH 6x6-W4.0xW4.0 WELDED WIRE REINFORCING LOCATED 3/4" CLEAR FROM THE TOP OF FLUTES.



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PROJECT INFORMATION

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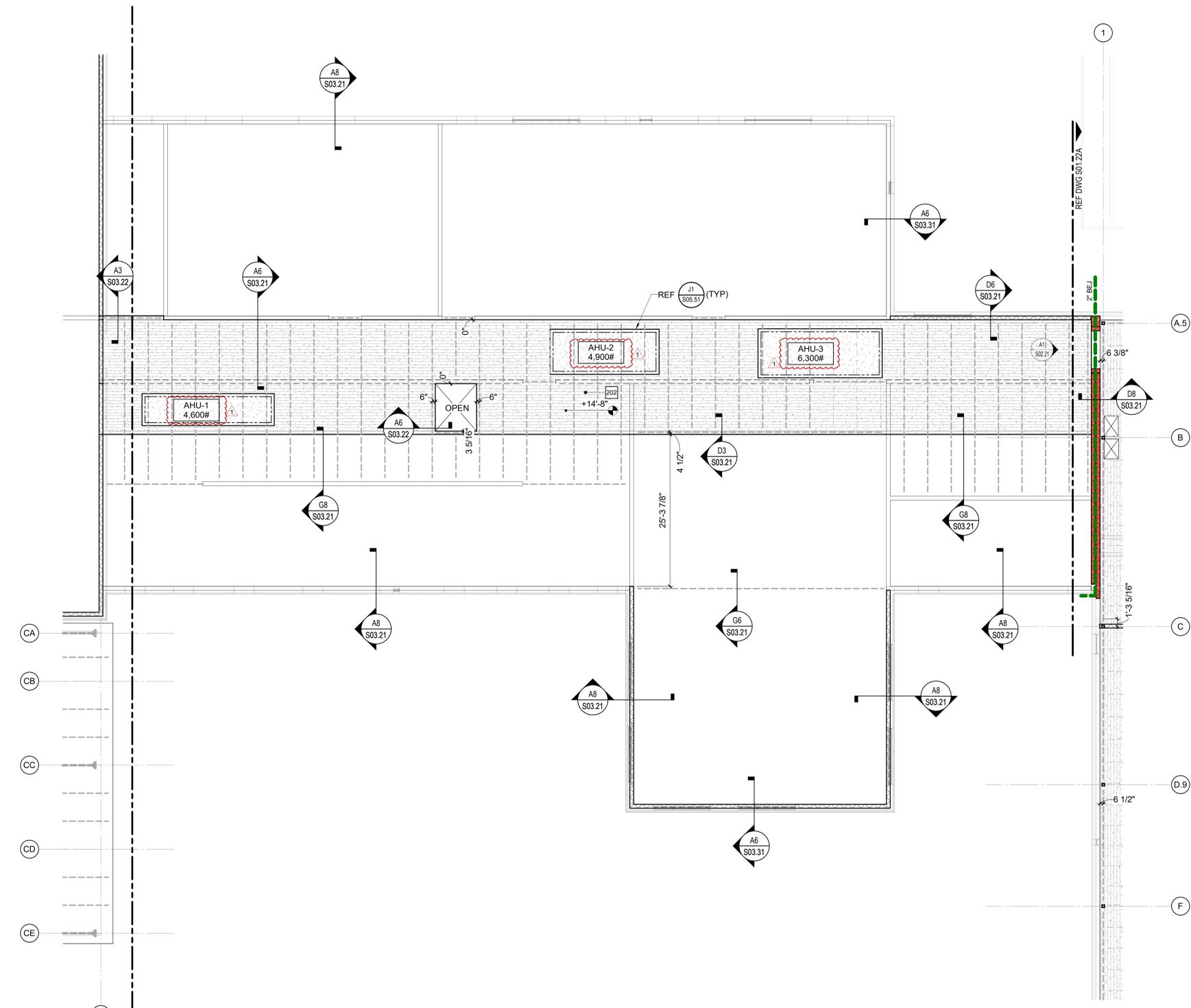
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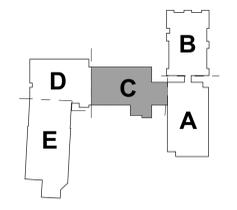
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2ND FLOOR SLAB PLAN - AREA C

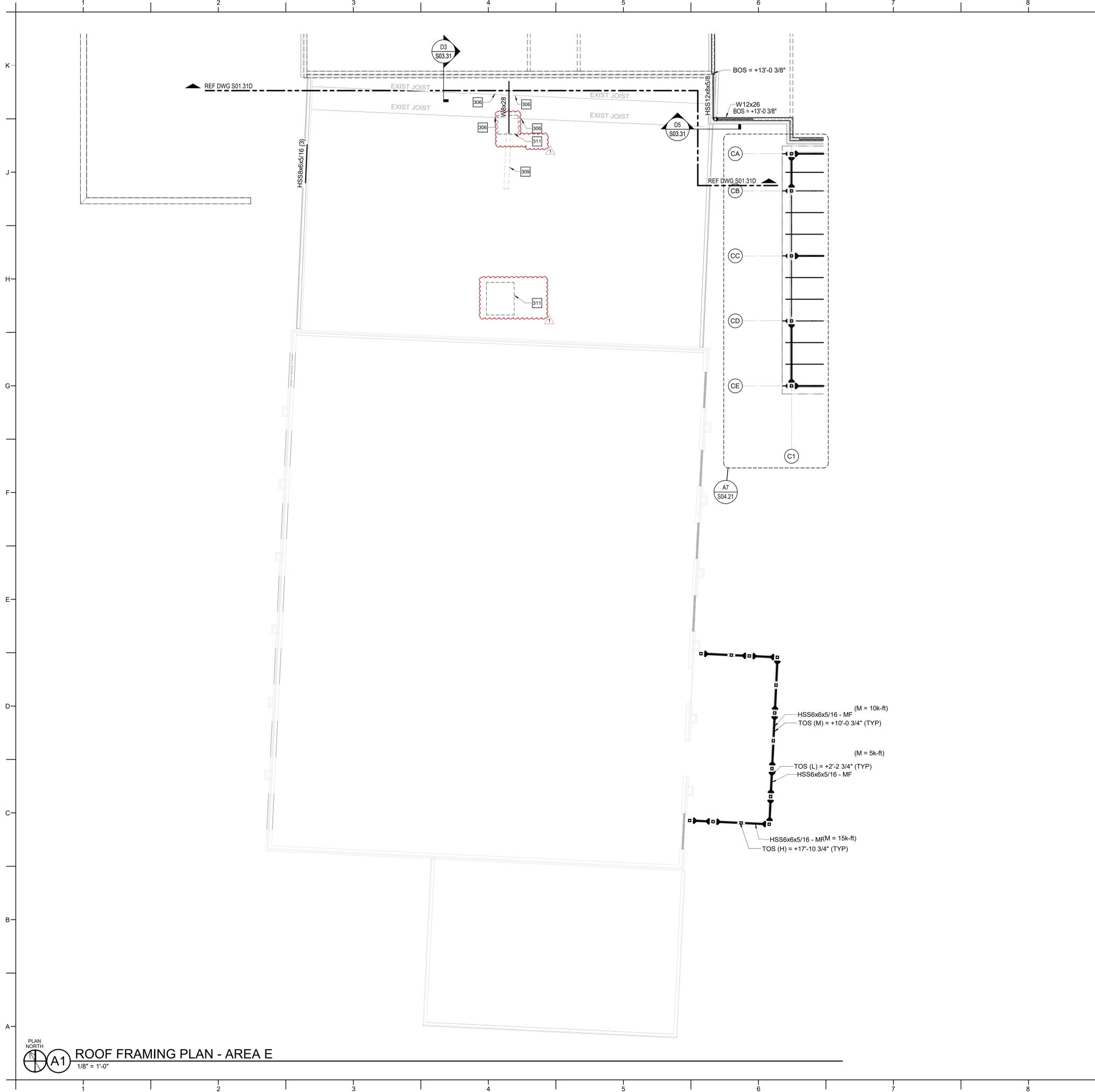
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2ND FLOOR SLAB PLAN - AREA C
 1/8" = 1'-0"



KEY PLAN - 1ST FLOOR
 NTS



FRAMING PLAN NOTES

- A. REFERENCE FOUNDATION PLAN AND ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
- B. TOP OF FINISHED FLOOR ELEVATION MUST BE AS NOTED ON SLAB PLANS.
- C. FLOOR JOISTS MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 4'-0" ON-CENTER).
- D. STEEL ROOF FRAMING SUPPORTING 1 1/2" STEEL ROOF DECK MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 4'-0" ON-CENTER).
- E. CONCRETE ON ELEVATED METAL DECKS MUST BE POURED TO THE THICKNESS INDICATED.
- F. PROVIDE BOTTOM CHORD EXTENSIONS AT ALL JOISTS ON COLUMN CENTERLINES.
- G. AT STEEL ROOF FRAMING, BOTTOM OF DECK ELEVATIONS ARE SHOWN ON PLAN. INTERMEDIATE ELEVATIONS MUST BE STRAIGHT LINES BETWEEN GIVEN ELEVATIONS. INTERPOLATE AS REQUIRED FOR INTERMEDIATE BEARING ELEVATIONS, UNLESS OTHERWISE NOTED.
- H. COORDINATE AND VERIFY ALL MEMBER LOCATIONS, DIMENSIONS, WEIGHTS, OPENING SIZES, AND CURB DIMENSIONS FOR ALL MECHANICAL EQUIPMENT WITH THE ACTUAL EQUIPMENT FURNISHED. INCLUDE THIS INFORMATION ON THE JOIST AND STRUCTURAL STEEL SHOP DRAWINGS.

KEY NOTES

- 306 PROVIDE TEMPORARY SHORING UNDER EXISTING JOIST CAPABLE OF SUPPORTING 7,000 LBS AT THIS LOCATION. SHORE JOIST FROM THE BOTTOM CHORD AT THE CLOSEST PANEL POINT TO THE JOIST SEAT.
- 309 EXISTING CMU WALL
- 311 LAP NEW METAL DECK 1'-0" IN ALL DIRECTIONS WITH EXISTING ROOF DECK. ATTACH TO OPENING SUPPORT STEEL PER THE STEEL DECK GENERAL NOTES.



**ROSEWOOD MIDDLE SCHOOL
 ADDITION AND RENOVATION
 WAYNE COUNTY PUBLIC SCHOOLS**

541 North Carolina 881 S., Goldsboro, NC 27530

SEALS



DKA JOB NUMBER
2401

REVISIONS

NO.	ADDENDUM #1	2/3/2025

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 Drawn By: SSO
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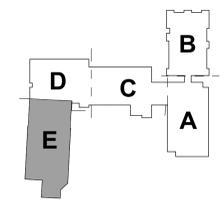
DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE

ROOF FRAMING
PLAN - AREA E

S01.31E



KEY PLAN - 1ST FLOOR
NTS

ROOF FRAMING PLAN - AREA E
1/8" = 1'-0"

TRUSS / JOIST FRAMING SCHEDULE			
MARK	DESCRIPTION	SPACING	REMARKS
RT1	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT2	PREFAB COLD-FORMED ROOF TRUSS (PIGGY BACK)	48" OC	-
RT3	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT4	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT5	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT6	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT7	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT8	PREFAB COLD-FORMED ROOF TRUSS (PIGGY BACK)	48" OC	-
RT9	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-

- KEY NOTES**
- 103 5" CONCRETE SLAB-ON-GRADE OVER VAPOR RETARDER AND 4" DEPTH OF POROUS FILL UNLESS OTHERWISE INDICATED. REINFORCE SLAB WITH 6x6-W/2 1xW/2 1 WELDED WIRE REINFORCING PLACED 1 1/2" CLEAR BELOW TOP OF SLAB. MAINTAIN REINFORCEMENT IN POSITION ON BOLSTERS, CHAIRS OR SPACERS DURING CONCRETE PLACEMENT.
 - 114 TOOTH NEW CMU WALL INTO EXISTING BUILDING CMU. REINFORCE CELL WITH #5 BAR DRILLED AND EPOXIED WITH HILT-HIT HY200 EPOXY WITH 6" EMBED INTO EXISTING SLAB AND FOOTING.
 - 301 1 1/2" ROOF DECK. REFERENCE STEEL DECK NOTES.

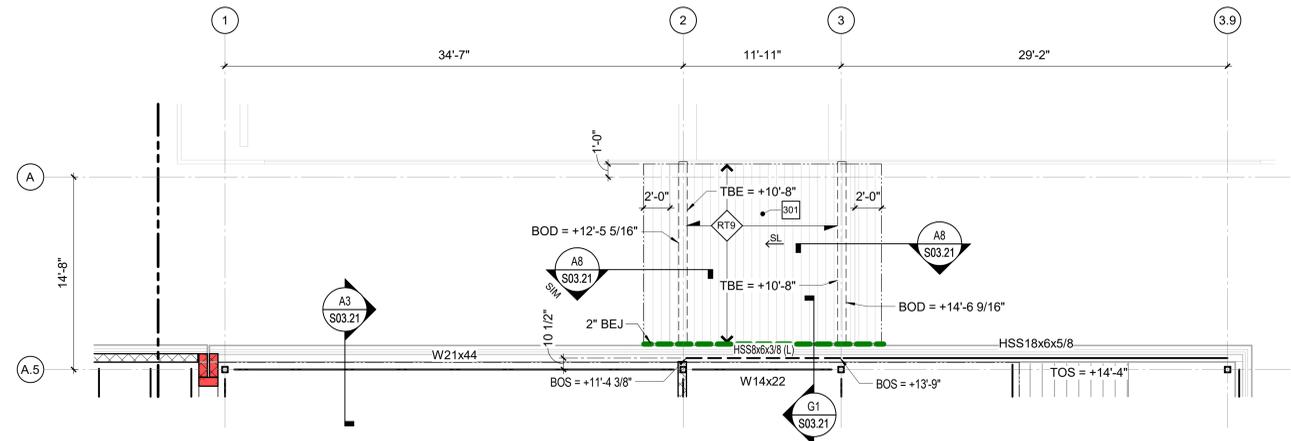


PROJECT INFORMATION

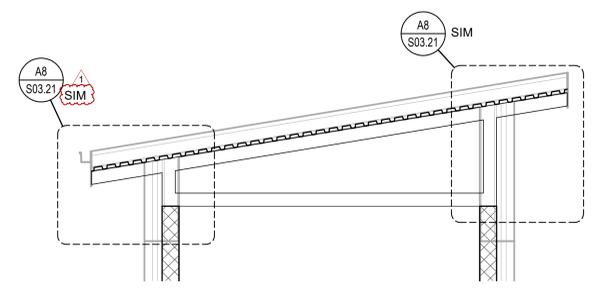
lynchmykins
DAVID L. LYNCH, P.E.
 Structural Engineers
 301 N. West Street, Suite 105
 Raleigh, NC 27603
 919.782.1833 - lynchmykins.com
 LH Project Number: LM23.307

**ROSEWOOD MIDDLE SCHOOL
 ADDITION AND RENOVATION
 WAYNE COUNTY PUBLIC SCHOOLS**

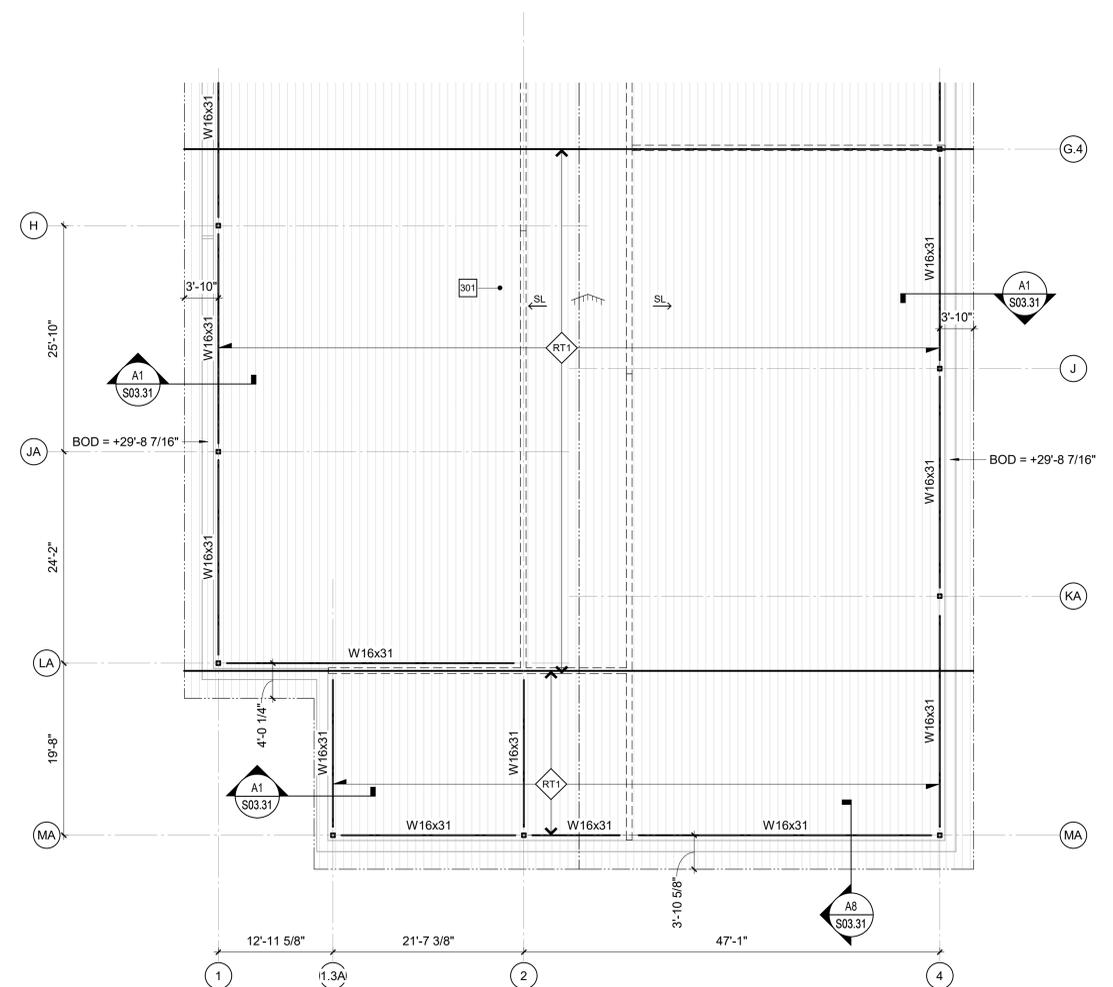
541 North Carolina 581 S. Goldsboro, NC 27530



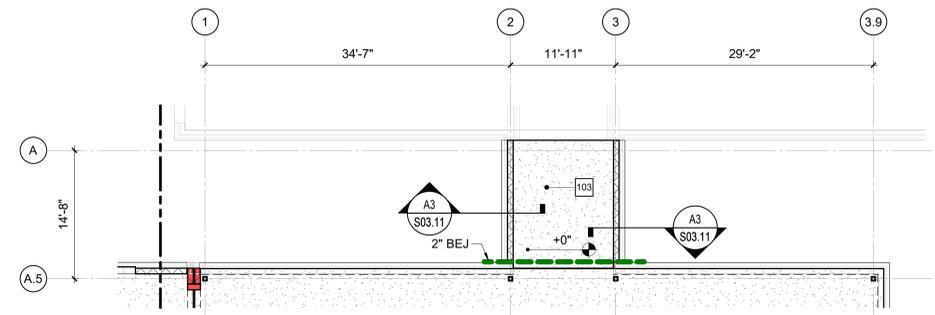
F1 SECOND FLOOR FRAMING PLAN - AREA A (BID ALT NO.2)
 3/16" = 1'-0"



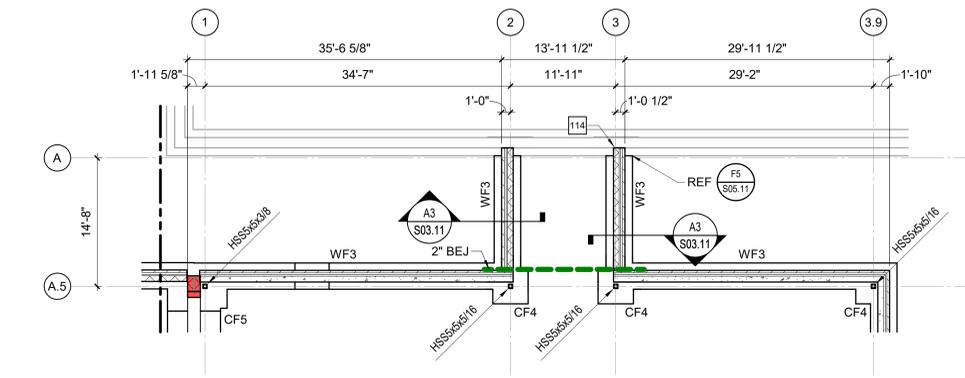
F6 TRUSS ELEVATION 'RT9'
 3/8" = 1'-0"



A1 ROOF FRAMING PLAN - AREA A (BID ALT NO.1)
 1/8" = 1'-0"



C5 FIRST FLOOR SLAB PLAN - AREA A (BID ALT NO.2)
 1/8" = 1'-0"



A5 FOUNDATION PLAN - AREA A (BID ALT NO.2)
 1/8" = 1'-0"

SEALS



02/01/2025
DKA JOB NUMBER
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BID DOCUMENTS
 01/10/2025

SHEET TITLE

AREA A ALTERNATE PLANS
S01.51A



DAVIS KANE
ARCHITECTS, P.A.
503 OBERLIN ROAD | SUITE 300
RALEIGH, NC 27605
919.833.3737
www.davis-kane.com

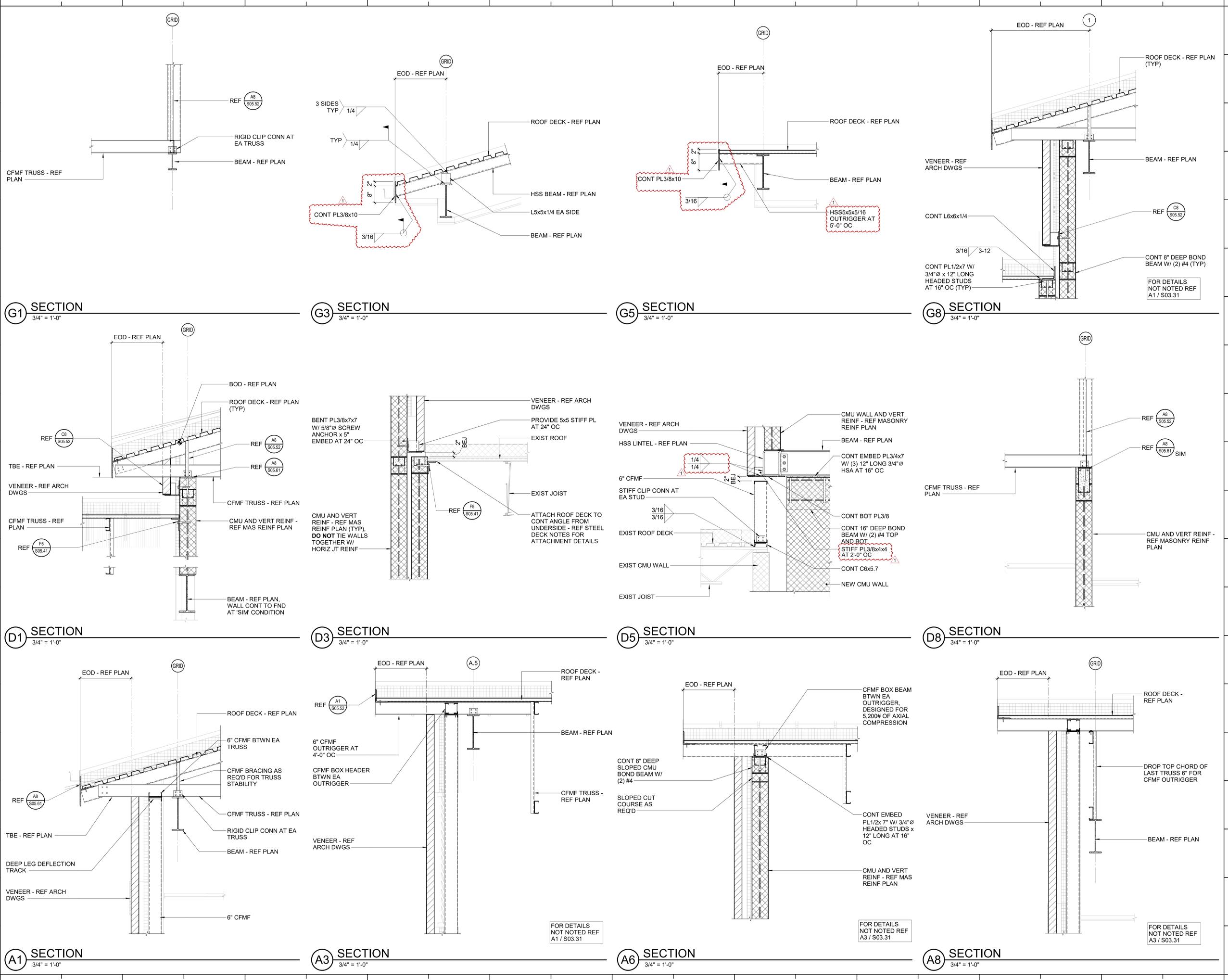
PROJECT INFORMATION



lynchmykins
Structural Engineers
301 N. West Street, Suite 105
Raleigh, NC 27603
919.782.1833 - lynchmykins.com
LH Project Number: LM23.307

**ROSEWOOD MIDDLE SCHOOL
ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS**

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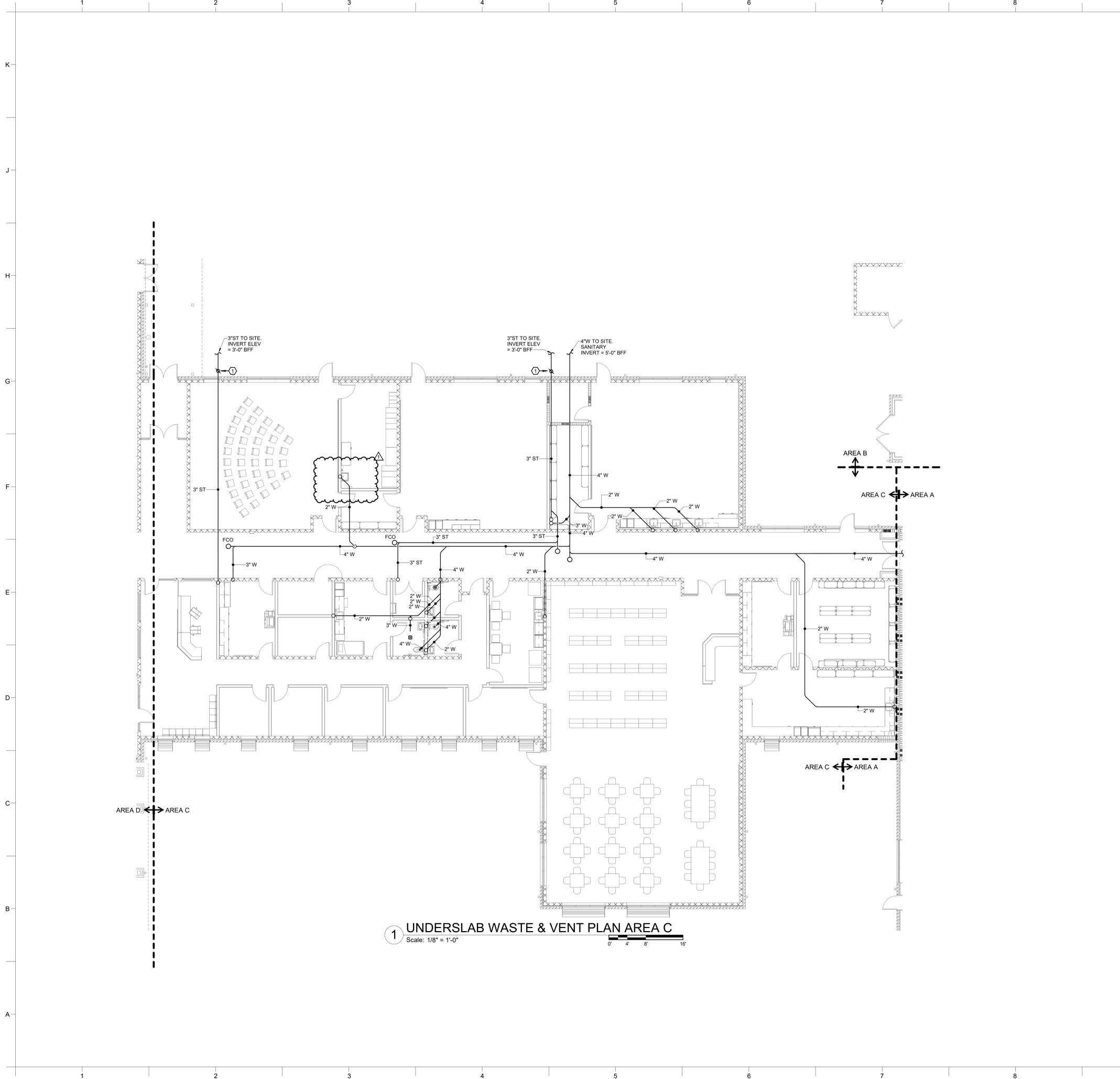
BID DOCUMENTS

01/10/2025

SHEET TITLE

FRAMING SECTIONS

S03.31



1 UNDERSLAB WASTE & VENT PLAN AREA C
 Scale: 1/8" = 1'-0"
 0' 4' 8' 16'

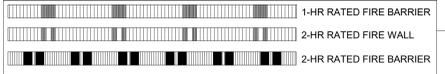
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1. REFER TO SHEET P-001 FOR ADDITIONAL GENERAL NOTES.

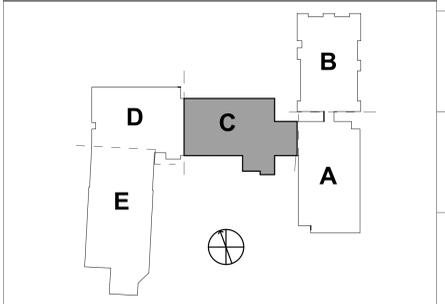
KEYNOTES:

1. PROVIDE HORIZONTAL INLINE BACKWATER VALVE: ZURN MODEL NO. Z109S-BV OR APPROVED EQUIVALENT. PROVIDE WITH CAST IRON PIPE EXTENSION TO GRADE AND GCO FOR ACCESS AT GRADE.

WALL RATING LEGEND:



KEYPLAN:



PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION
 WAYNE COUNTY PUBLIC SCHOOLS
 5411 North Carolina 561 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER
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DEWBERRY NUMBER
50171439

REVISIONS

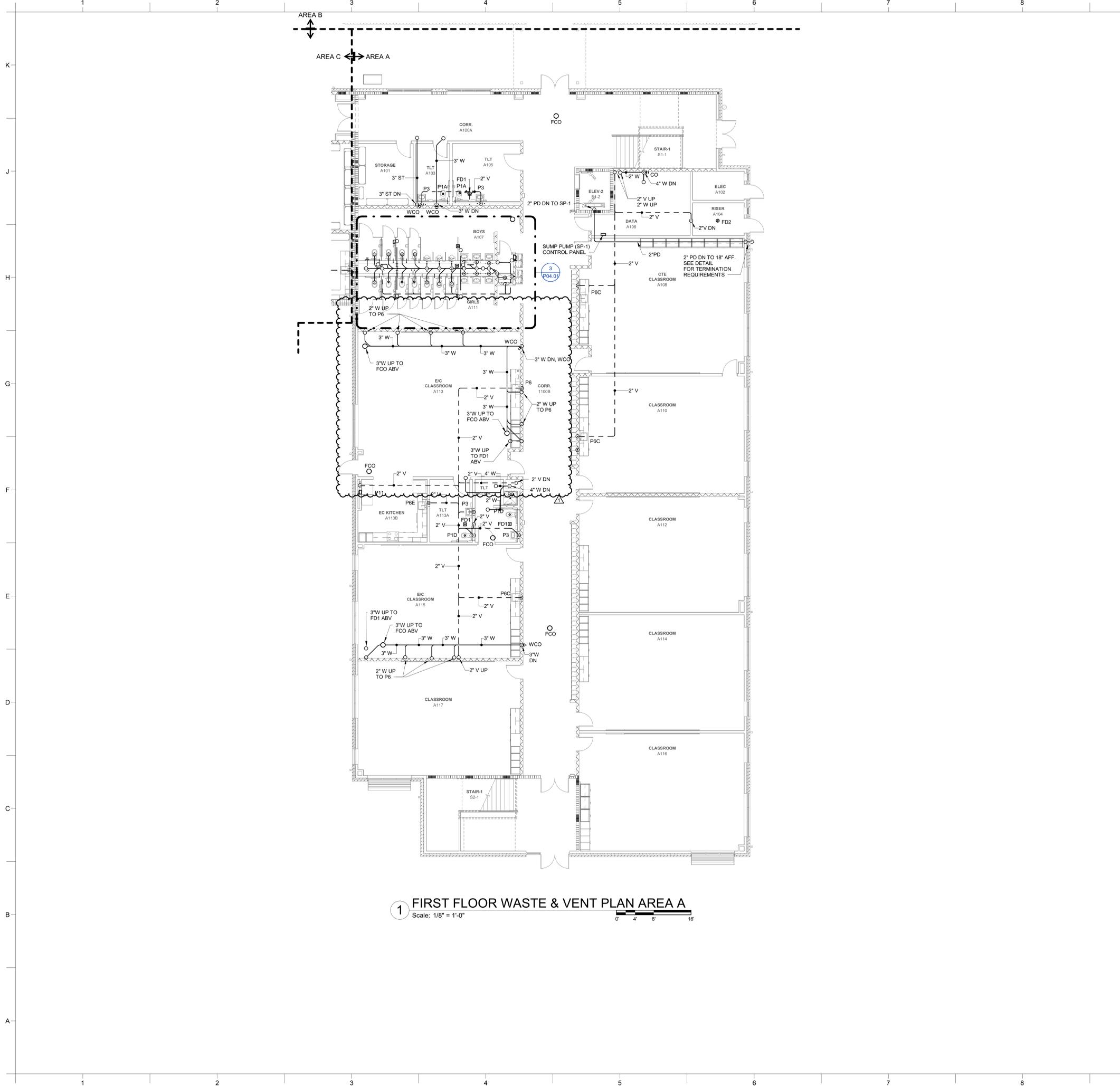
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SHEET TITLE
UNDERSLAB WASTE & VENT PLAN AREA C
P01.03



1 FIRST FLOOR WASTE & VENT PLAN AREA A
 Scale: 1/8" = 1'-0"

GENERAL NOTES:

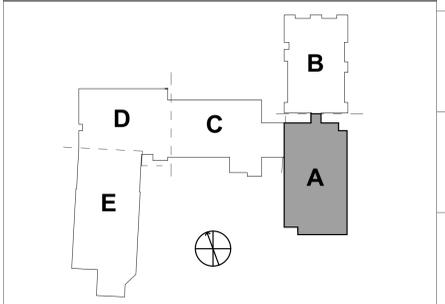
- REFER TO SHEET P-001 FOR ADDITIONAL GENERAL NOTES.

KEYNOTES:

WALL RATING LEGEND:

- 1-HR RATED FIRE BARRIER
- 2-HR RATED FIRE WALL
- 2-HR RATED FIRE BARRIER

KEYPLAN:



PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION
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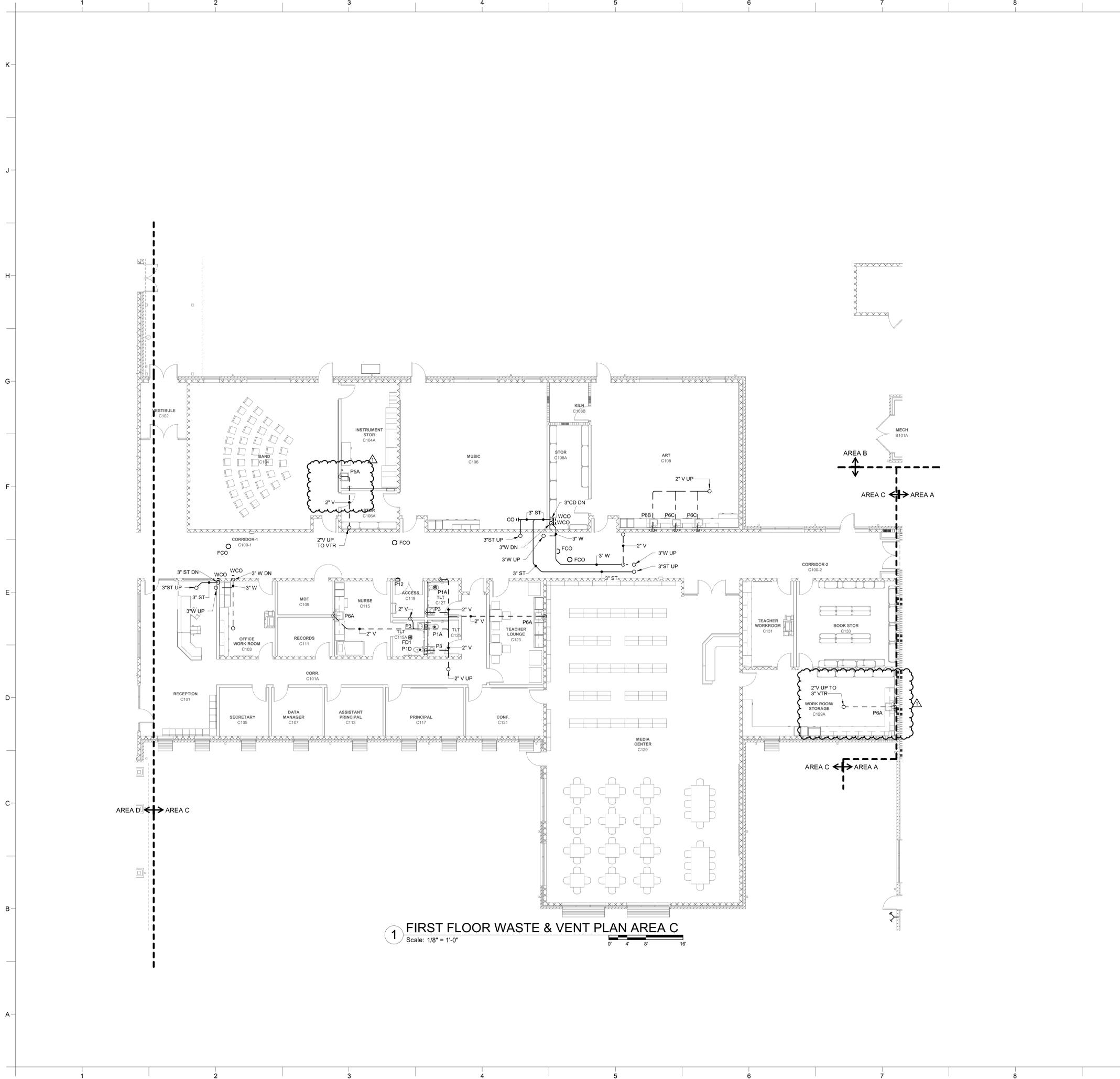
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BID DOCUMENTS
01/10/2025

SHEET TITLE

FIRST FLOOR WASTE & VENT PLAN AREA A
P01.11



1 FIRST FLOOR WASTE & VENT PLAN AREA C
 Scale: 1/8" = 1'-0"
 0' 4' 8' 16'

GENERAL NOTES:
 1. REFER TO SHEET P-001 FOR ADDITIONAL GENERAL NOTES.

KEYNOTES:



PROJECT INFORMATION

**ROSEWOOD MIDDLE SCHOOL ADDITION
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 WAYNE COUNTY PUBLIC SCHOOLS**
 5411 North Carolina 581 S. Goldsboro, NC 27530

SEALS



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DEWBERRY NUMBER
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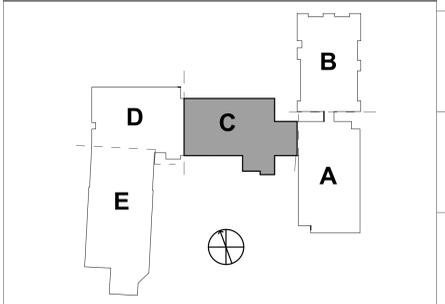
REVISIONS

ADDENDUM #	DATE	DESCRIPTION
1	02/03/2025	ADDENDUM #1

WALL RATING LEGEND:

[Pattern]	1-HR RATED FIRE BARRIER
[Pattern]	2-HR RATED FIRE WALL
[Pattern]	2-HR RATED FIRE BARRIER

KEYPLAN:

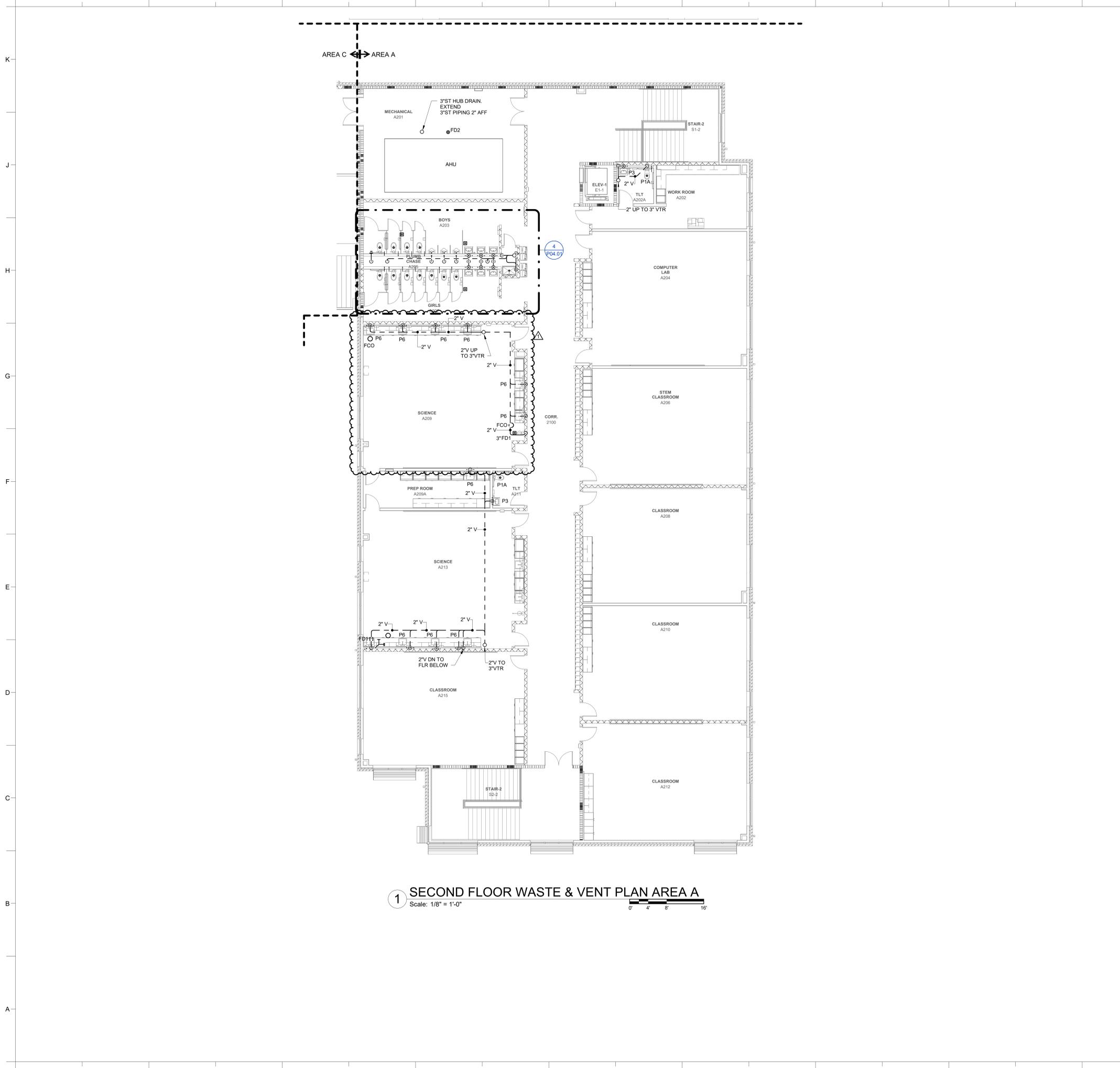


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SHEET TITLE
 FIRST FLOOR WASTE & VENT PLAN AREA C
P01.13



1 SECOND FLOOR WASTE & VENT PLAN AREA A
 Scale: 1/8" = 1'-0"



GENERAL NOTES:

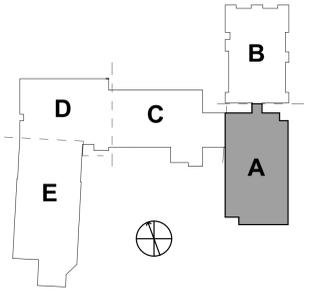
- REFER TO SHEET P-001 FOR ADDITIONAL GENERAL NOTES.

KEYNOTES:

WALL RATING LEGEND:

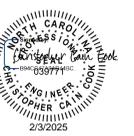
- 1-HR RATED FIRE BARRIER
- 2-HR RATED FIRE WALL
- 2-HR RATED FIRE BARRIER

KEYPLAN:



ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS
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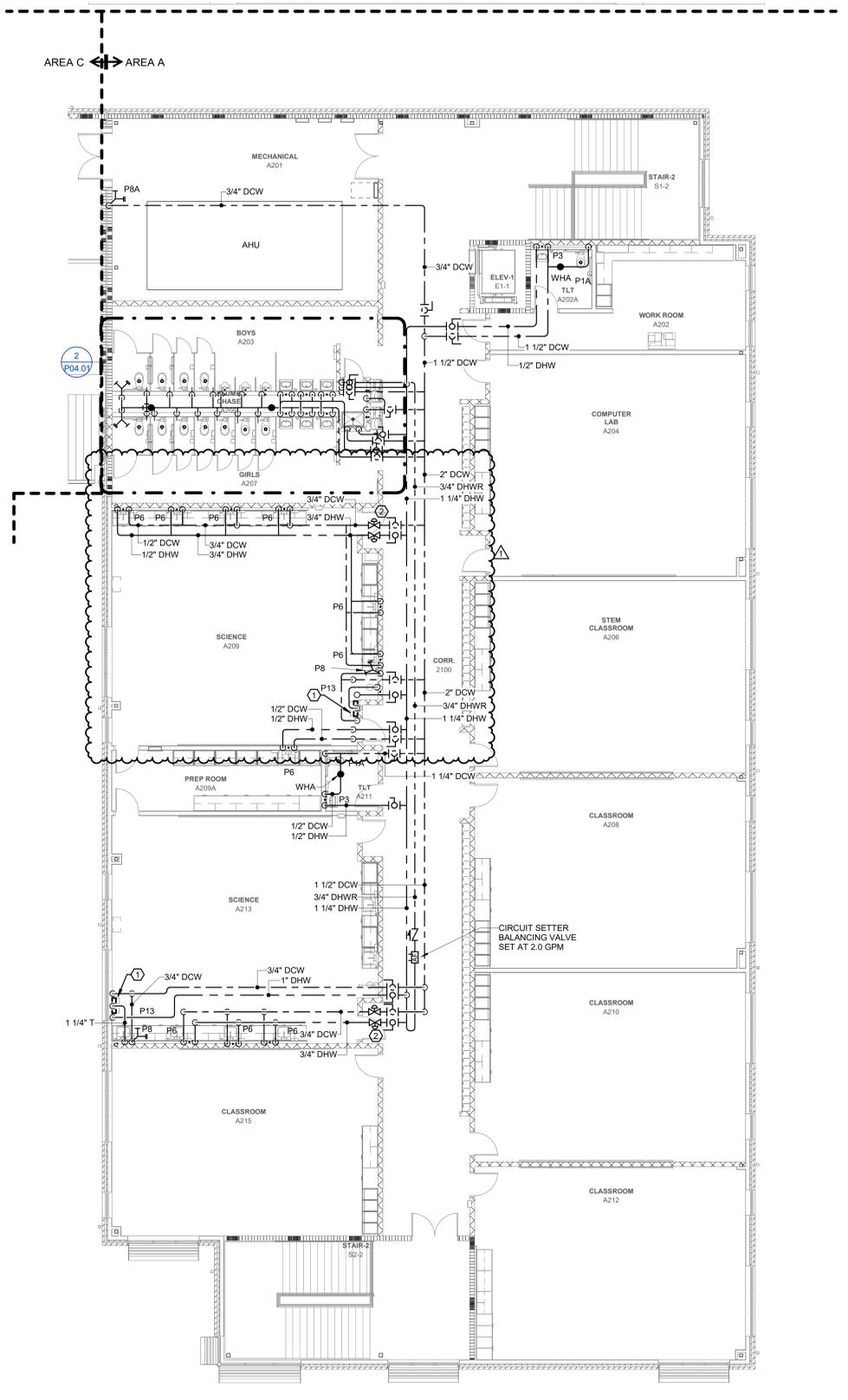
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01/10/2025

SHEET TITLE
SECOND FLOOR WASTE & VENT PLAN AREA A

P02.11

K
J
H
G
F
E
D
C
B
A



1 SECOND FLOOR DOMESTIC WATER PLAN AREA A
 Scale: 1/8" = 1'-0"



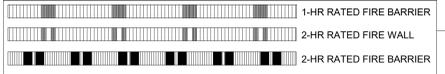
GENERAL NOTES:

- 1. REFER TO SHEET P-001 FOR ADDITIONAL GENERAL NOTES.

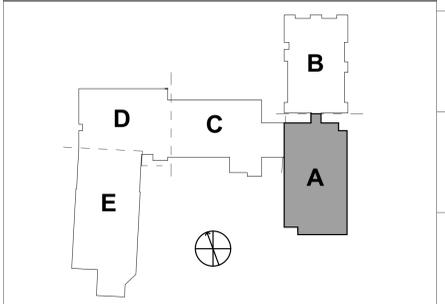
KEYNOTES:

- 1. PROVIDE THERMOSTATIC MIXING VALVE FOR EMERGENCY SHOWER UNIT ABOVE CEILING. SET MAX. TEMPERATURE TO 85 DEG F.
- 2. SOLENOID VALVES FOR DCW AND DHW SUPPLIES TO SCIENCE CLASSROOMS FURNISHED BY MECHANICAL CONTRACTOR AND INSTALLED BY PLUMBING CONTRACTOR.

WALL RATING LEGEND:



KEYPLAN:



ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

5411 North Carolina 561 S. Goldsboro, NC 27530



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SHEET TITLE
SECOND FLOOR DOMESTIC WATER PLAN AREA A

P02.21

1 2 3 4 5 6 7 8 9 10

NO.	DATE	DESCRIPTION
1	02/03/2025	Addendum #1

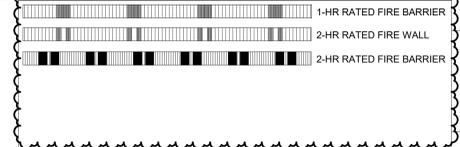
GENERAL NOTES:

- SEE SHEET M0.01 FOR LEGEND AND GENERAL MECHANICAL PROJECT NOTES.
- REFER TO MECHANICAL PIPING PLANS FOR THERMOSTAT ASSIGNMENTS.
- TAB CONTRACTOR SHALL BALANCE DEVICES TO AIRFLOWS INDICATED.

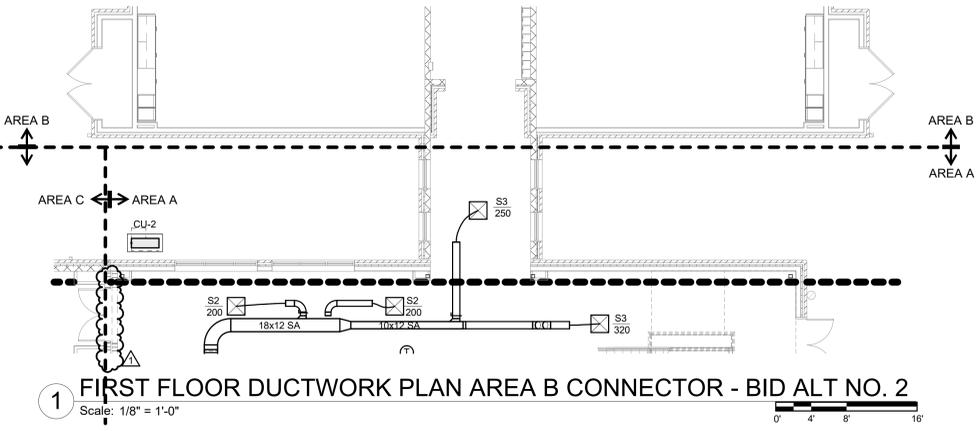
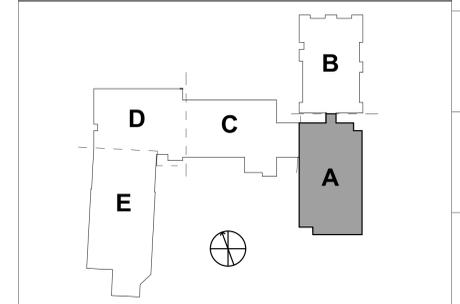
KEYNOTES:

- LOUVER SIZE SHOWN IS MINIMUM REQUIRED FOR HVAC DESIGN. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOUVER SIZE & LOCATION.
- ROUTE DUCT HIGH IN JOIST BAY.
- 34X22 RA DUCT FLARED OUT TO 44X34 FOR PLENUM RETURN INLET.
- PROVIDE DRYER VENT CONNECTION WALL BOX BEHIND DRYER. MAKE FINAL CONNECTION BETWEEN WALL BOX AND OWNER'S DRYER WITH 40 ALUMINUM FLEX DUCT.
- PROVIDE 40" WALL CAP WITH FLAPPER-TYPE BACKDRAFT DAMPER, APPROVED FOR CLOTHES DRYER EXHAUST SERVICE. PAINT TO MATCH BUILDING EXTERIOR.
- PROVIDE 80" EA WALL CAP WITH FLAPPER-TYPE BACKDRAFT DAMPER. PAINT TO MATCH BUILDING EXTERIOR. PROVIDE TRANSITION TO EQUIPMENT SIZE AT HOOD.
- POINT OF DEMARK BETWEEN BASE BID AND BID ALT.1 CAP END OF DUCT IF BID ALT.1 NOT CONSTRUCTED.
- AIR HANDLING UNIT SA DUCT STATIC PRESSURE SENSOR.

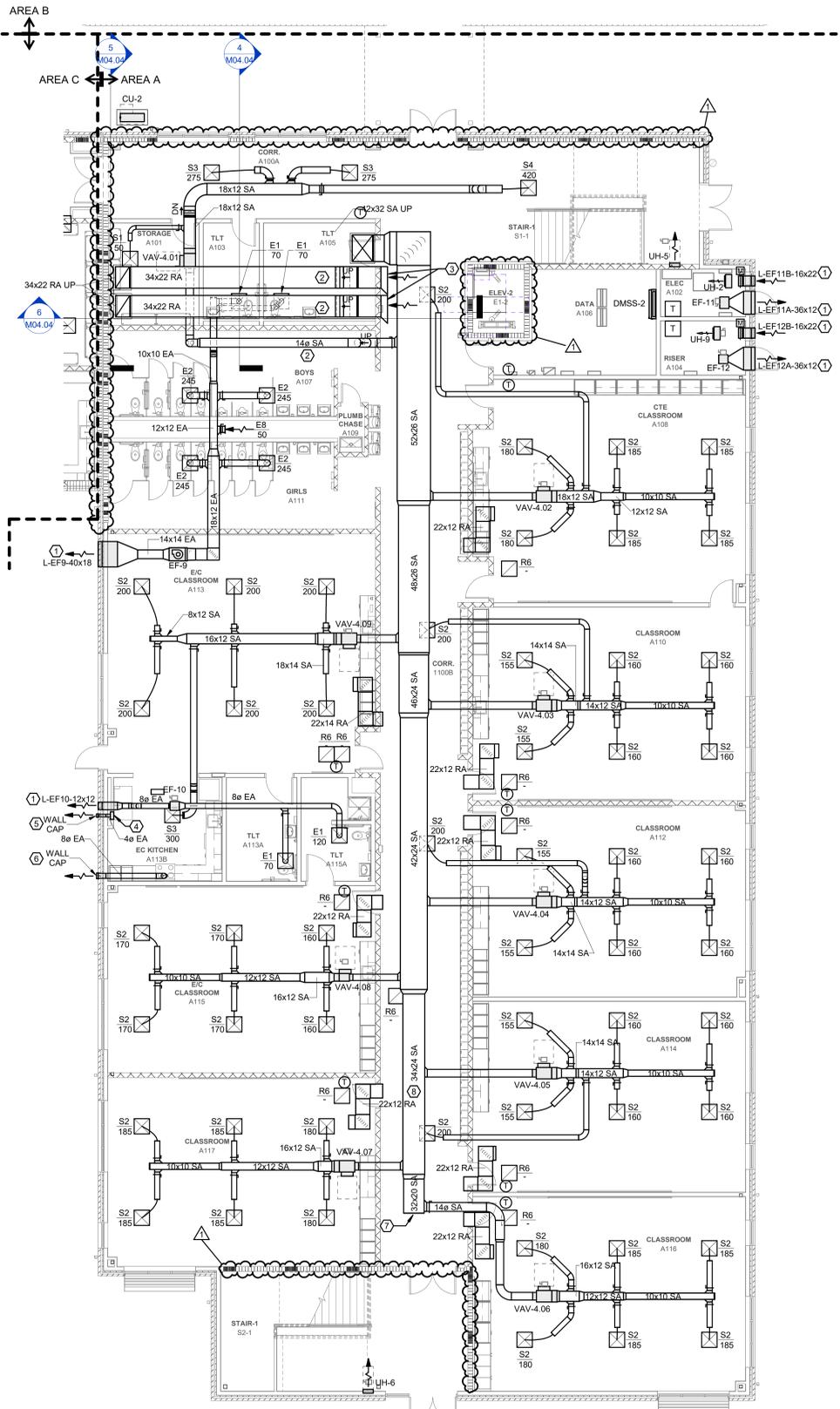
WALL RATING LEGEND:



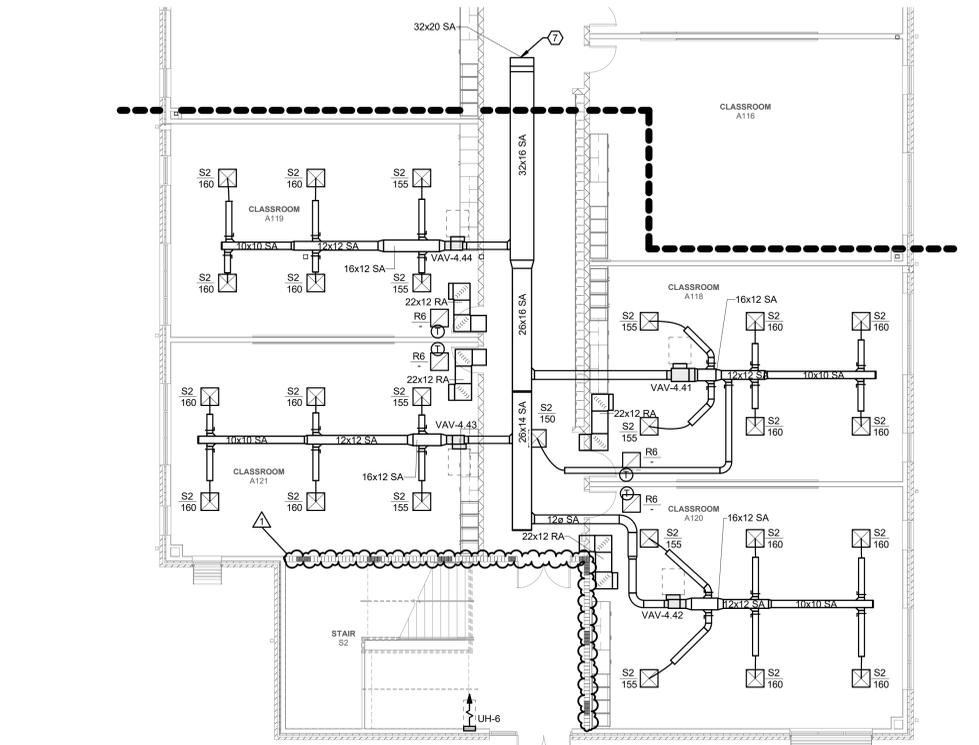
KEYPLAN:



1 FIRST FLOOR DUCTWORK PLAN AREA B CONNECTOR - BID ALT NO. 2
Scale: 1/8" = 1'-0"



3 FIRST FLOOR DUCTWORK PLAN AREA A
Scale: 1/8" = 1'-0"



2 FIRST FLOOR DUCTWORK PLAN AREA A - BID ALT NO. 1
Scale: 1/8" = 1'-0"



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01/10/2025

SHEET TITLE
FIRST FLOOR PIPING
PLAN AREA A

M01.11

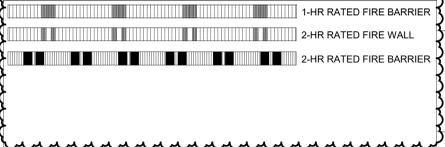
GENERAL NOTES:

- SEE SHEET M00.01 FOR LEGEND AND GENERAL MECHANICAL PROJECT NOTES.
- REFER TO EQUIPMENT SCHEDULES FOR PIPING BRANCH SIZES FROM MAINS TO HEATING AND COOLING COILS.

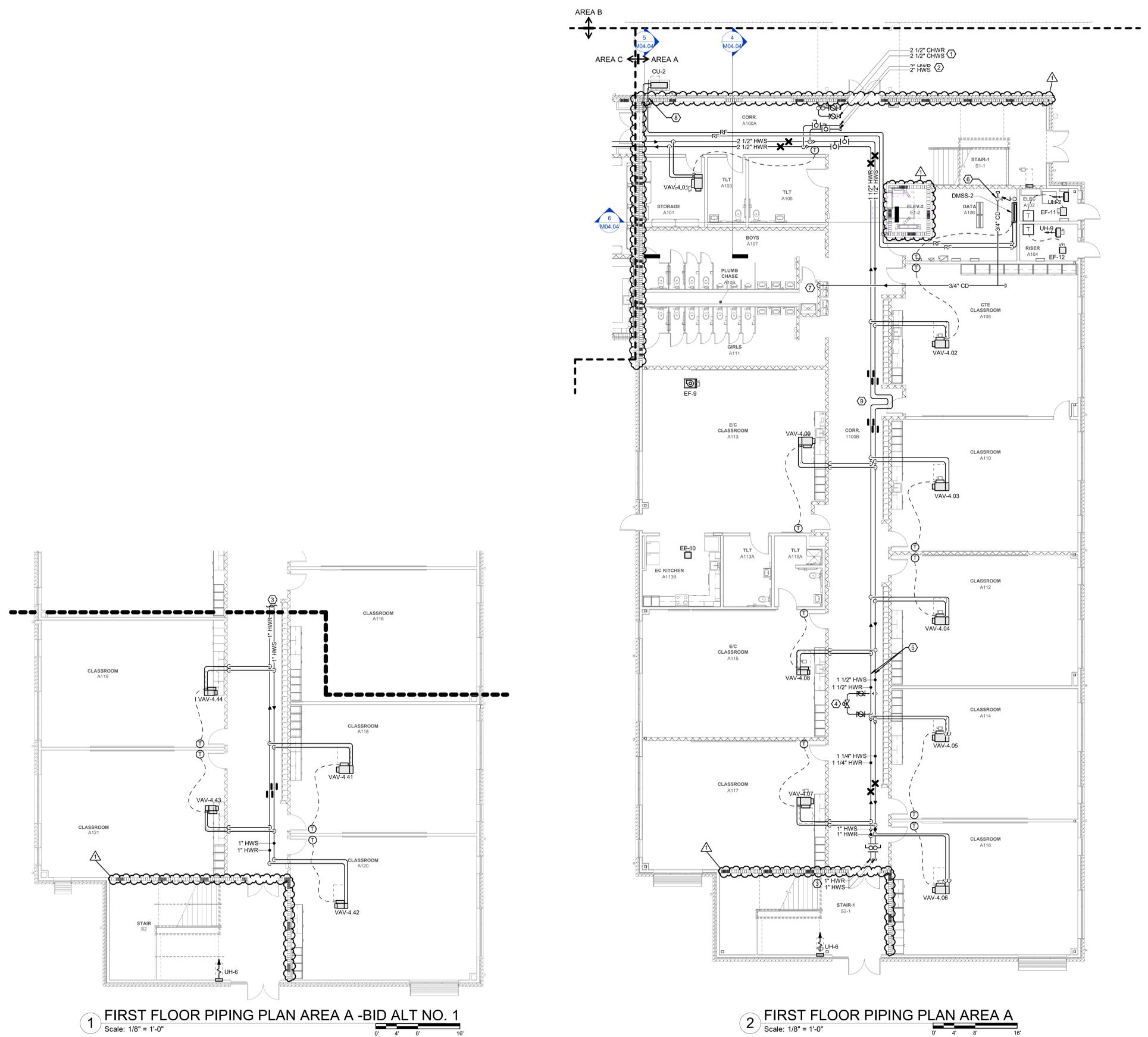
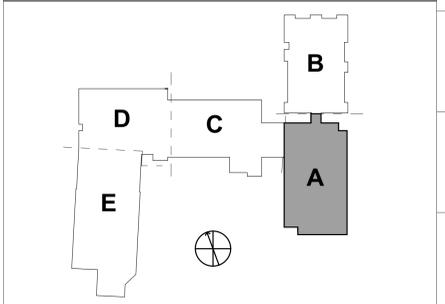
KEYNOTES:

- TERMINATE 2 1/2" CHWS/R PIPE STUBS WITH ISOLATION VAVES AND CAP FOR FUTURE SERVICE TO AREA 'B'. CHW PIPING SYSTEM MAINS SIZED TO ACCOMMODATE 50 GPM FUTURE CAPACITY.
- TERMINATE 2" HWS/R PIPE STUBS WITH ISOLATION VAVES AND CAP FOR FUTURE SERVICE TO AREA 'B'. HW PIPING SYSTEM MAINS SIZED TO ACCOMMODATE 20 GPM FUTURE CAPACITY.
- POINT OF DEMARK BETWEEN BASE BID AND BIT ALT. 1. CAP ENDS OF HWS/R MAINS IF BID ALT. 1 NOT CONSTRUCTED.
- HW LOOP BYPASS VALVE. REFER TO CONTROLS DRAWINGS AND BYPASS VALVE DETAIL.
- HW LOOP DIFFERENTIAL PRESSURE SENSOR. REFER TO CONTROLS DRAWINGS AND DIFFERENTIAL PRESSURE TRANSMITTER DETAIL.
- CONNECT DMSS PUMPED CONDENSATE TO TOP OF GRAVITY DRAINED CONDENSATE LINE. ROUTE GRAVITY DRAIN LINE WITH CONTINUOUS SLOPE THROUGH CEILING TO RECEPTOR AS SHOWN.
- 3/4" CD DN IN WALL. TERMINATE WITH AIR GAP AT CONDENSATE RECEPTAL WALL BOX. REFER TO PLUMBING.
- SEAL REFRIGERANT PIPING AT WALL PENETRATION. REFER TO DETAIL.
- PROVIDE METRAFLEX METRALOOP OR EQUAL. INSTALL PER MANUFACTURER'S REQUIREMENTS. PROVIDE GUIDES AND ANCHORS PER MANUFACTURER'S RECOMMENDATIONS.

WALL RATING LEGEND:



KEYPLAN:



1 FIRST FLOOR PIPING PLAN AREA A - BID ALT NO. 1
Scale: 1/8" = 1'-0"
0' 4' 8' 16'

2 FIRST FLOOR PIPING PLAN AREA A
Scale: 1/8" = 1'-0"
0' 4' 8' 16'



NO.	REVISION	DATE
1	Addendum #1	02/03/2025

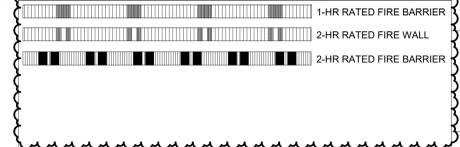
GENERAL NOTES:

- SEE SHEET M0.01 FOR LEGEND AND GENERAL MECHANICAL PROJECT NOTES.
- REFER TO MECHANICAL PIPING PLANS FOR THERMOSTAT ASSIGNMENTS.
- TAB CONTRACTOR SHALL BALANCE DEVICES TO AIRFLOWS INDICATED.

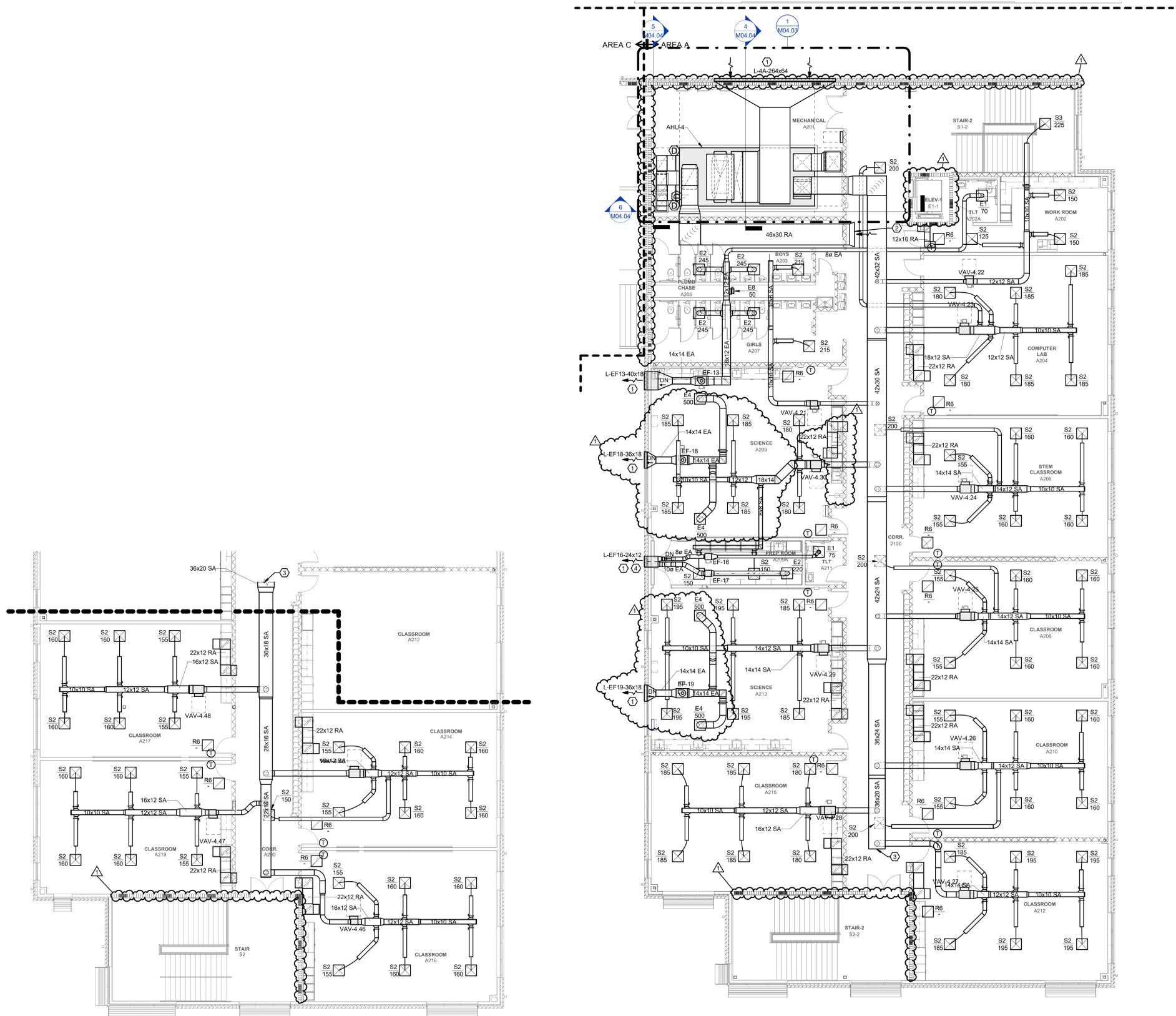
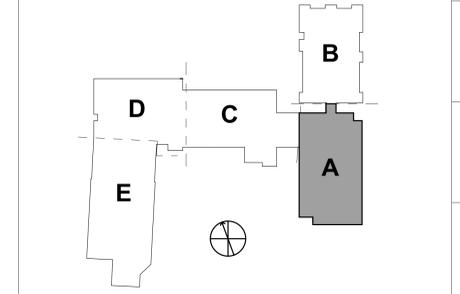
KEYNOTES:

- LOUVER SIZE SHOWN IS MINIMUM REQUIRED FOR HVAC DESIGN. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOUVER SIZE & LOCATION.
- 46X30 RA DUCT FLARED OUT TO 54X42 FOR PLENUM RETURN INLET.
- POINT OF DEMARK BETWEEN BASE BID AND BID ALT.1 CAP END OF DUCT IF BID ALT.1 NOT CONSTRUCTED
- PROVIDE 50/50 SPLITTER IN LOUVER PLENUM.

WALL RATING LEGEND:



KEYPLAN:



1 SECOND FLOOR DUCTWORK PLAN AREA A - BID ALT. NO. 1
Scale: 1/8" = 1'-0"

2 SECOND FLOOR DUCTWORK PLAN AREA A
Scale: 1/8" = 1'-0"

REVISIONS
1 Addendum #1 02/03/2025

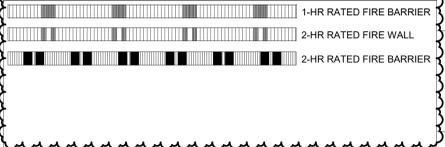
GENERAL NOTES:

- SEE SHEET M00.01 FOR LEGEND AND GENERAL MECHANICAL PROJECT NOTES.
- REFER TO EQUIPMENT SCHEDULES FOR PIPING BRANCH SIZES FROM MAINS TO HEATING AND COOLING COILS.

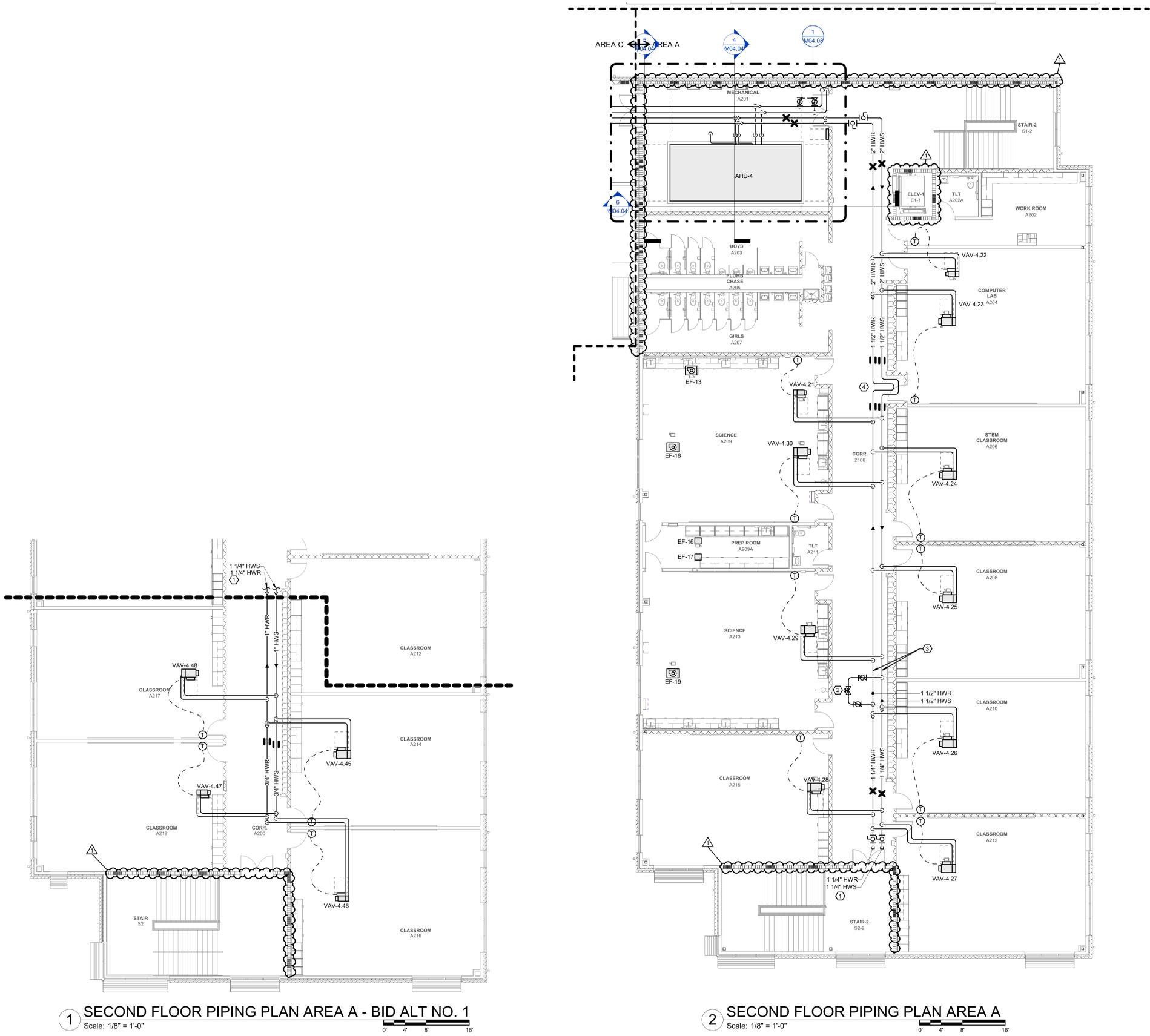
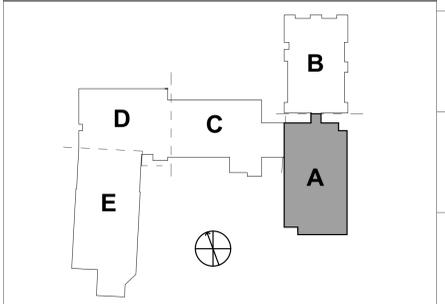
KEYNOTES:

- POINT OF DEMARK BETWEEN BASE BID AND BIT ALT. 1. CAP ENDS OF HWS/R MAINS IF BID ALT. 1 NOT CONSTRUCTED.
- HW LOOP BYPASS VALVE. REFER TO CONTROLS DRAWINGS AND BYPASS VALVE DETAIL.
- HW LOOP DIFFERENTIAL PRESSURE SENSOR. REFER TO CONTROLS DRAWINGS AND DIFFERENTIAL PRESSURE TRANSMITTER DETAIL.
- PROVIDE METRAFLEX METRALOOP OR EQUAL. INSTALL PER MANUFACTURER'S REQUIREMENTS. PROVIDE GUIDES AND ANCHORS PER MANUFACTURER'S RECOMMENDATIONS.

WALL RATING LEGEND:



KEYPLAN:



1 SECOND FLOOR PIPING PLAN AREA A - BID ALT. NO. 1
Scale: 1/8" = 1'-0"
0' 4' 8' 16'

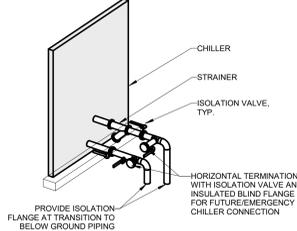
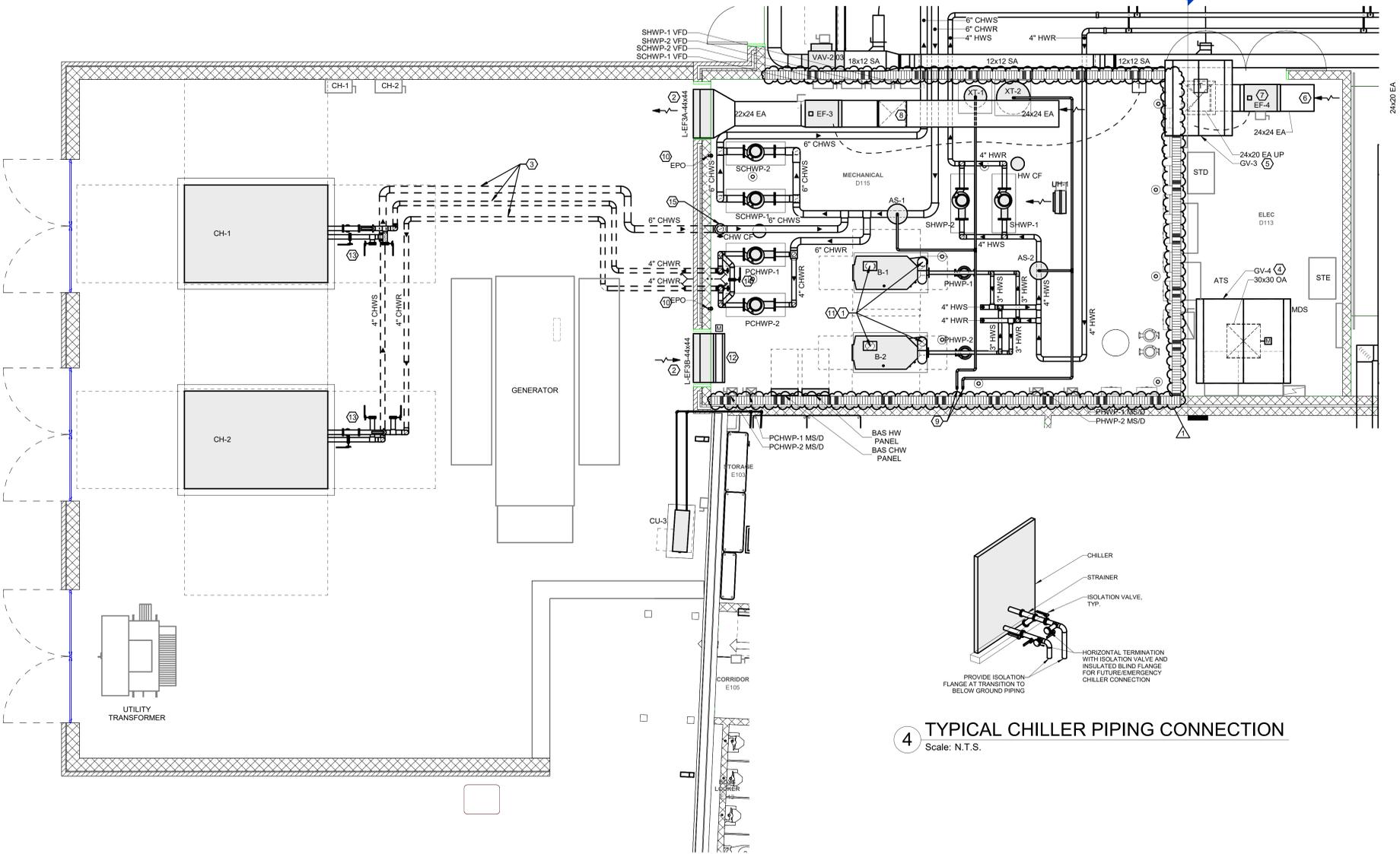
2 SECOND FLOOR PIPING PLAN AREA A
Scale: 1/8" = 1'-0"
0' 4' 8' 16'

GENERAL NOTES:

- SEE SHEET M00.01 FOR LEGEND AND GENERAL MECHANICAL PROJECT NOTES.
- REFER TO EQUIPMENT SCHEDULES FOR PIPING BRANCH SIZES FROM MAINS TO HEATING AND COOLING COILS.

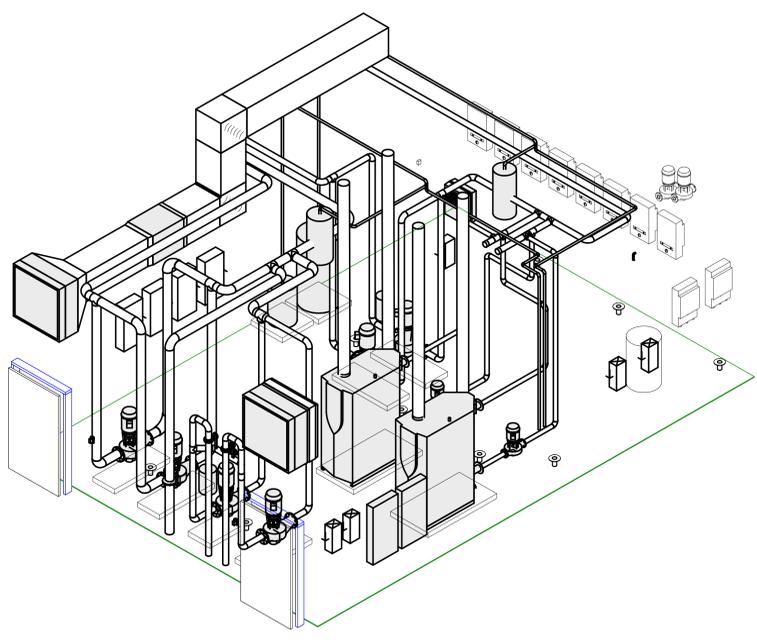
KEYNOTES:

- 80 EXHAUST FLUE AND 80 COMBUSTION AIR INTAKE UP TO ROOF.
- LOUVER SIZE SHOWN IS MINIMUM REQUIRED FOR HVAC DESIGN. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOUVER SIZE & LOCATION.
- MAINTAIN MINIMUM 36-INCHES OF COVER. REFER TO BELOW GRADE PIPING DETAIL. COORDINATE ELEVATION DEPTHS WITH CIVIL ENGINEER AND SITE UTILITIES CONTRACTOR.
- INTAKE GRAVITY HOOD ON PITCHED ROOF ABOVE. ROUTE 30X30 ON DN FROM HOOD AND TERMINATE @ 14'-6" AFF WITH GALVANIZED WIRE MESH SCREEN. INSTALL MOTORIZED ISOLATION DAMPER IN VERTICAL DUCT AND INTERLOCK TO OPEN WHEN EF-4 OPERATES.
- GRAVITY EXHAUST AIR HOOD ON PITCHED ROOF ABOVE. ROUTE 24X20 EA UP TO HOOD FROM EF-4 DISCHARGE. INSTALL BACKDRAFT DAMPER IN DUCT AT FAN DISCHARGE.
- PROVIDE MIN 3 FT LONG 24X24 EA DUCT AT FAN INLET. TERMINATE OPEN END WITH GALVANIZED WIRE MESH SCREEN.
- MOUNT FAN AS HIGH AS POSSIBLE BELOW BOTTOM CHORD OF ROOF TRUSSES. BOTTOM OF FAN AND ASSOCIATED DUCTWORK SHALL BE LOCATED MIN. 12'-2" AFF.
- OFFSET EA DUCT UP ABOVE BOTTOM CHORD OF ROOF TRUSSES AND EXTEND TO TERMINATION POINT SHOWN. TERMINATE OPEN END WITH GALVANIZED WIRE MESH SCREEN.
- 1-1/2" MAKEUP WATER DN TO BACKFLOW DEVICE. REFER TO PLUMBING DRAWINGS & MECHANICAL DETAILS FOR ADDITIONAL INFORMATION. PROVIDE SEPARATE PRV STATION FOR EACH CHW AND HW SYSTEM.
- BOILER EMERGENCY POWER-OFF PUSH-BUTTON 48" AFF ADJACENT TO EXIT DOOR.
- REFER TO PLUMBING DRAWINGS FOR GAS PIPING.
- PROVIDE MOTORIZED ISOLATION DAMPER AT INTAKE LOUVER AND INTERLOCK TO OPEN WHEN EF-3 OPERATES.
- REFER TO ISOMETRIC VIEW 4 ON THIS SHEET AND AIR-COOLED CHILLER DETAIL FOR CHILLER PIPING CONNECTION REQUIREMENTS. PIPING SHOWN STAGGERED FOR CLARIFICATION. ACTUAL PIPING IS VERTICALLY ALIGNED.
- PROVIDE FULL SIZE 4" CHWR BYPASS WITH ISOLATION VALVES AS INDICATED TO MANUALLY ASSIGN EITHER PUMP TO EITHER CHILLER. REFER TO ISOMETRIC VIEWS ON THIS SHEET FOR VALVE LOCATIONS.
- PROVIDE ISOLATION VALVE AT FLANGE TO UNDERGROUND PIPING.

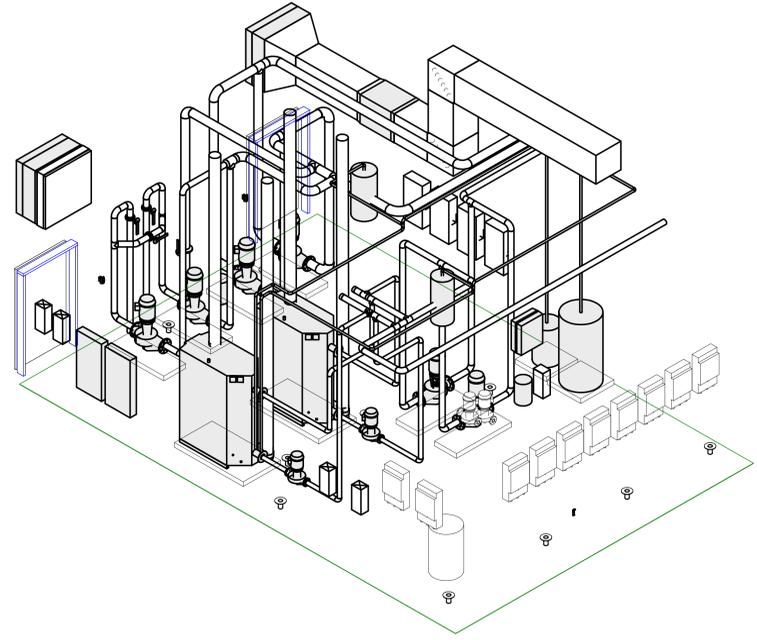


4 TYPICAL CHILLER PIPING CONNECTION
Scale: N.T.S.

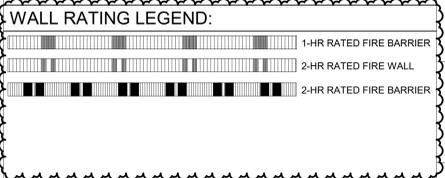
1 MECHANICAL EQUIPMENT YARD
Scale: 1/4" = 1'-0"



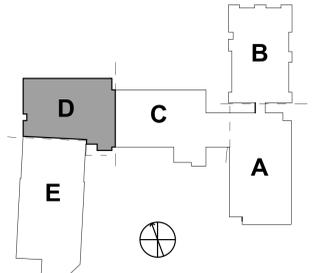
2 BOILER ROOM ISOMETRIC - VIEW FROM SW
Scale: N.T.S.



3 BOILER ROOM ISOMETRIC - VIEW FROM SE
Scale: N.T.S.



KEYPLAN:



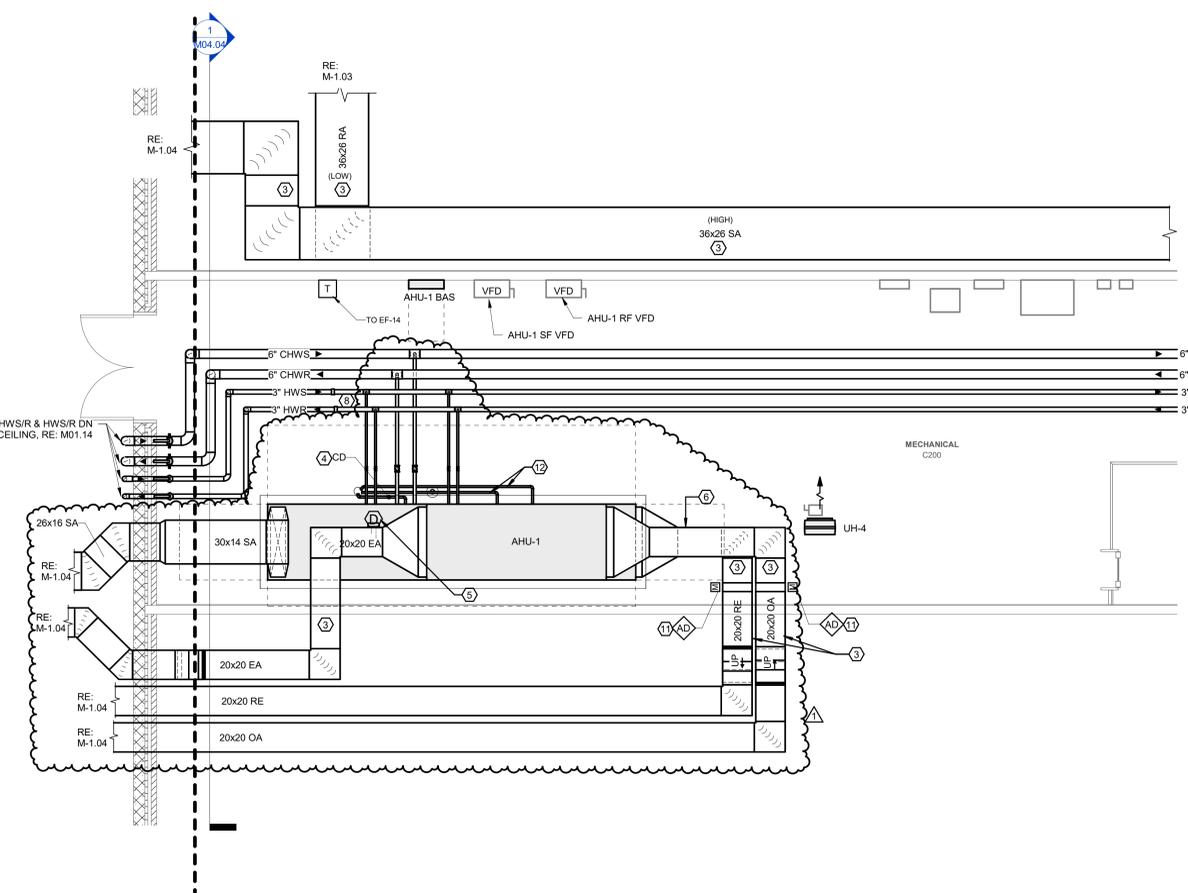
NO.	DATE	DESCRIPTION
1	02/03/2025	Addendum #1

GENERAL NOTES:

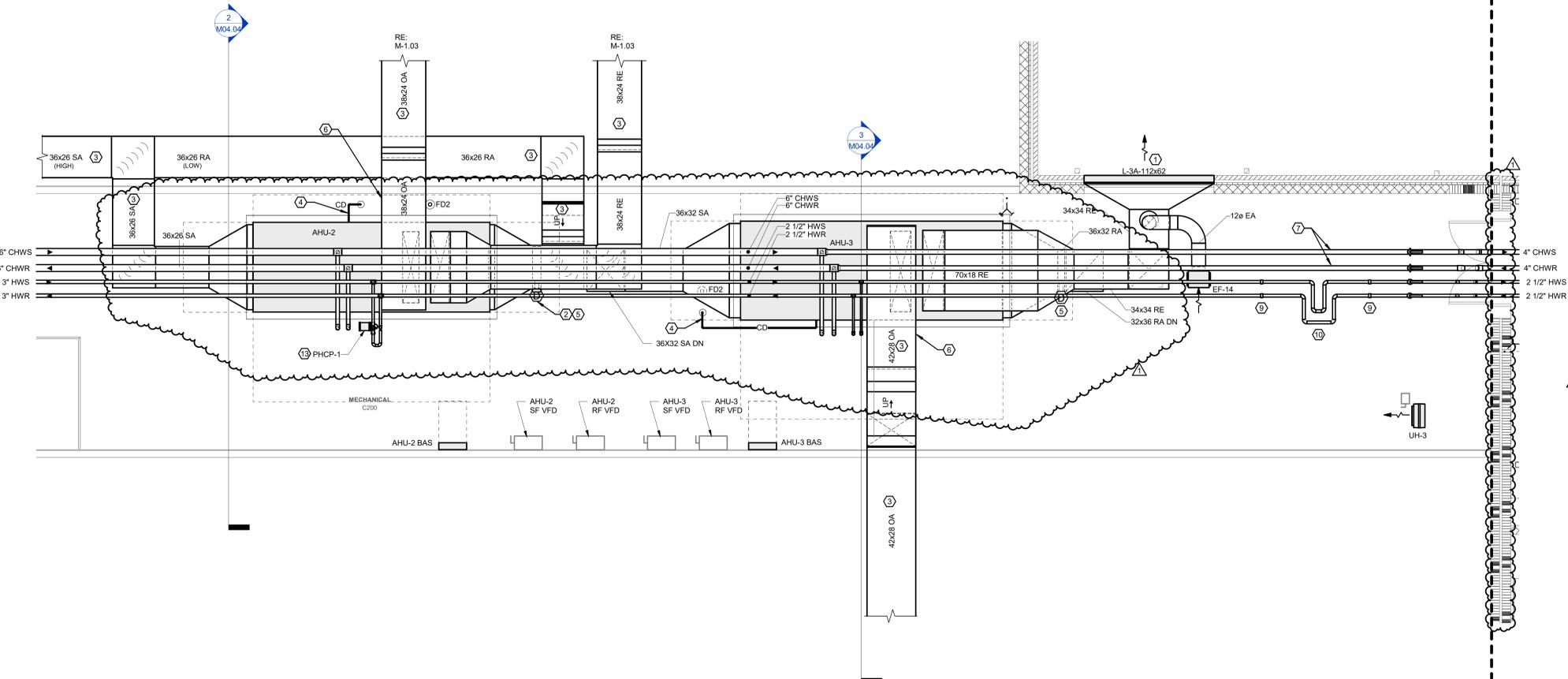
- SEE SHEET M00.01 FOR LEGEND AND GENERAL MECHANICAL PROJECT NOTES.
- REFER TO EQUIPMENT SCHEDULES FOR PIPING BRANCH SIZES FROM MAINS TO HEATING AND COOLING COILS.

KEYNOTES:

- LOUVER SIZE SHOWN IS MINIMUM REQUIRED FOR HVAC DESIGN. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOUVER SIZE & LOCATION.
- LOCATED IN 36X26 RA BELOW
- COORDINATE EXACT DUCT ROUTING WITH ROOF TRUSSES. REFER TO STRUCTURAL DWGS AND TRUSS SHOP DRAWINGS.
- ROUTE AHU CONDENSATE DRAIN TO CONDENSATE HUB DRAIN RECEPTOR. DRAIN LINE OD SHALL BE FULL SIZE OF THE UNIT CONNECTION. REFER TO PLUMBING FOR RECEPTOR LOCATION. REFER TO CONDENSATE TRAP DETAIL.
- INSTALL DUCT MOUNTED RA SMOKE DETECTOR. COORDINATE WITH ELECTRICAL AND FIRE ALARM CONTRACTOR. REFER TO DUCT DETECTOR DETAIL.
- PROVIDE AIR FLOW MEASURING STATION IN THIS LOCATION.
- CHW LOOP DIFFERENTIAL PRESSURE SENSOR. REFER TO CONTROLS DRAWINGS AND DIFFERENTIAL PRESSURE TRANSMITTER DETAIL.
- PROVIDE HOT WATER PIPING ANCHORS IN THIS LOCATION.
- PROVIDE HOT WATER PIPING GUIDES IN THIS LOCATION.
- PROVIDE METRAFLEX METRALOOP OR EQUAL. INSTALL PER MANUFACTURER'S REQUIREMENTS. PROVIDE GUIDES AND ANCHORS PER MANUFACTURER'S RECOMMENDATIONS.
- PROVIDE MOTORIZED ISOLATION DAMPER IN DUCT IF NOT PROVIDED WITH AIR HANDLING UNIT. REFER TO AHU PREPURCHASE SUBMITTAL AND CONTROLS DRAWINGS.
- PROVIDE CONDENSATE DRAINS WITH TRAPS FROM HEAT RECOVERY SECTION DRAIN CONNECTIONS. SIZE FULL SIZE OF UNIT CONNECTION.
- PROVIDE PREHEAT COIL HW PUMP. REFER TO DETAILS.



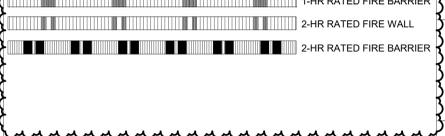
1 MECHANICAL ENLARGED PLAN - MECHANICAL MEZZANINE - WEST
Scale: 1/4" = 1'-0"



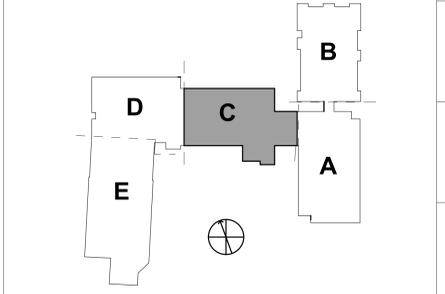
2 MECHANICAL ENLARGED PLAN - MECHANICAL MEZZANINE - EAST
Scale: 1/4" = 1'-0"



WALL RATING LEGEND:



KEYPLAN:

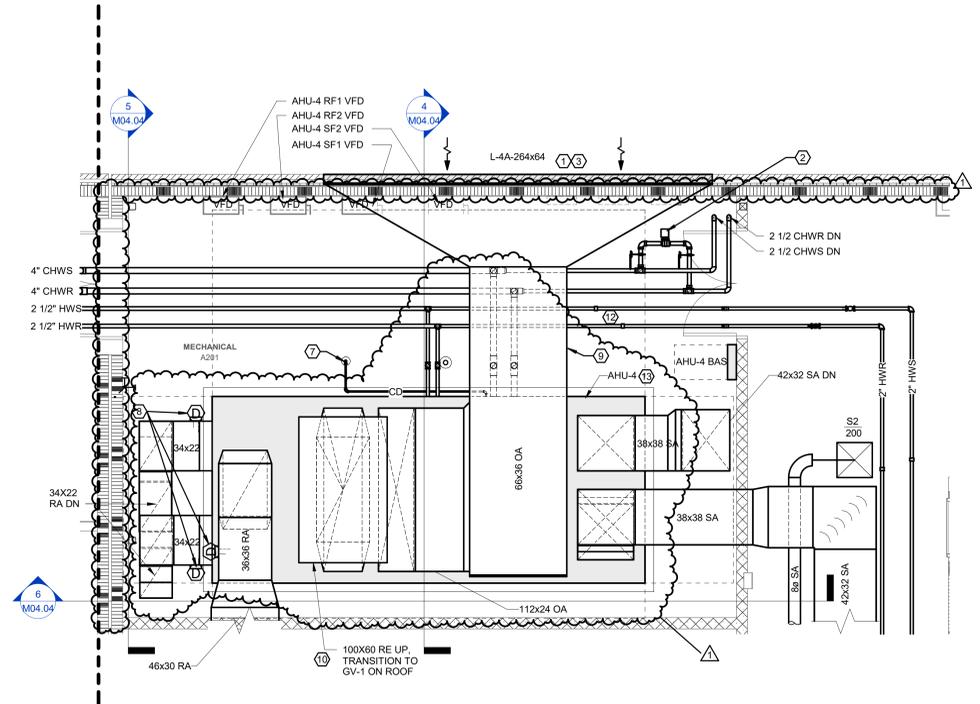


GENERAL NOTES:

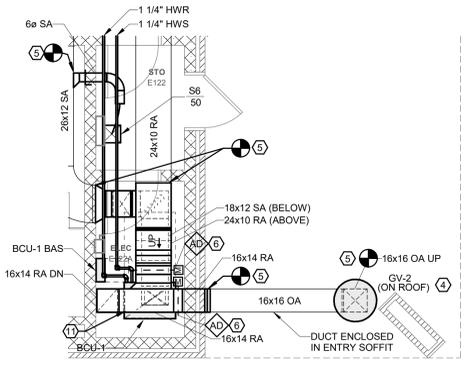
- SEE SHEET M00.01 FOR LEGEND AND GENERAL MECHANICAL PROJECT NOTES.
- REFER TO EQUIPMENT SCHEDULES FOR PIPING BRANCH SIZES FROM MAINS TO HEATING AND COOLING COILS.

KEYNOTES:

- LOUVER SIZE SHOWN IS MINIMUM REQUIRED FOR HVAC DESIGN. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOUVER SIZE & LOCATION.
- CHW LOOP BYPASS VALVE. REFER TO CONTROLS DRAWINGS AND BYPASS VALVE DETAIL.
- FIRE DAMPER NOT REQUIRED AT LOUVER IN EXTERIOR WALL IN ACCORDANCE WITH 2018 NCBC TABLE 705.8.
- INSTALL GRAVITY INTAKE HOOD ON EXISTING ROOF CURB AND CONNECT TO EXISTING 16X16OA IN CURB. PROVIDE CURB ADAPTER AS NEEDED.
- CONNECT TO EXISTING DUCT. PATCH DUCT INSULATION AND JACKET AT POINT OF CONNECTION.
- PROVIDE MOTORIZED DAMPER. REFER TO CONTROLS DRAWINGS.
- ROUTE AHU CONDENSATE DRAIN TO CONDENSATE HUB DRAIN RECEPTOR. DRAIN LINE OD SHALL BE FULL SIZE OF THE UNIT CONNECTION. REFER TO PLUMBING FOR RECEPTOR LOCATION. REFER TO CONDENSATE TRAP DETAIL.
- INSTALL DUCT MOUNTED RA SMOKE DETECTOR. COORDINATE WITH ELECTRICAL AND FIRE ALARM CONTRACTOR. REFER TO DUCT DETECTOR DETAIL.
- PROVIDE AIR FLOW MEASURING STATION IN THIS LOCATION.
- REFER TO SCHEDULE FOR GRAVITY VENTILATOR INFORMATION.
- INSTALL BLOWER COIL ON RAISED WELDED ANGLE-STEEL SUPPORT FRAME TO ACCOMMODATE BOTTOM RETURN DUCT CONNECTION. PROVIDE FLEXIBLE DUCT CONNECTIONS ON RA AND SA CONNECTIONS. REFER TO ISOMETRIC VIEW 7M-4.05 FOR GENERAL ARRANGEMENT.
- PROVIDE HOT WATER PIPING ANCHORS IN THIS LOCATION.
- SUPPLY AND INSTALL FAN ISOLATION DAMPERS ON EACH AHU SUPPLY AND RETURN FAN INLET. PROVIDE AIRWARE MODEL AND GRAVITY CONTROLLED BACKDRAFT DAMPER WITH REQUIRED ACCESSORIES AND INSTALL IN PRE-PURCHASED AIR HANDLING UNIT UNDER THIS PROJECT (BASE BID). COORDINATE EXACT DAMPER REQUIREMENTS WITH UNIT SUPPLIER/MANUFACTURER AND SUBMIT FOR ENGINEERS REVIEW.

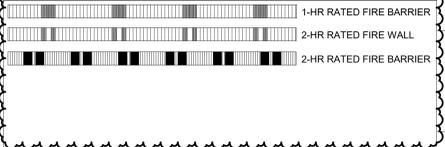


1 MECHANICAL ENLARGED PLAN - MECHANICAL A201
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0 2 4 8

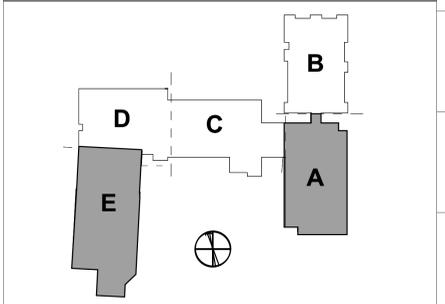


2 MECHANICAL ENLARGED PLAN - ELEC RM E122A (BCU-1)
Scale: 1/4" = 1'-0"
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WALL RATING LEGEND:



KEYPLAN:

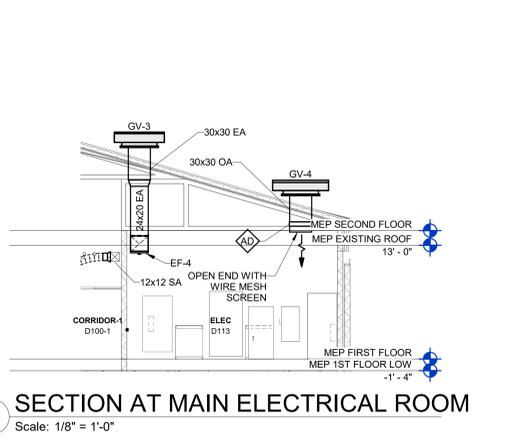
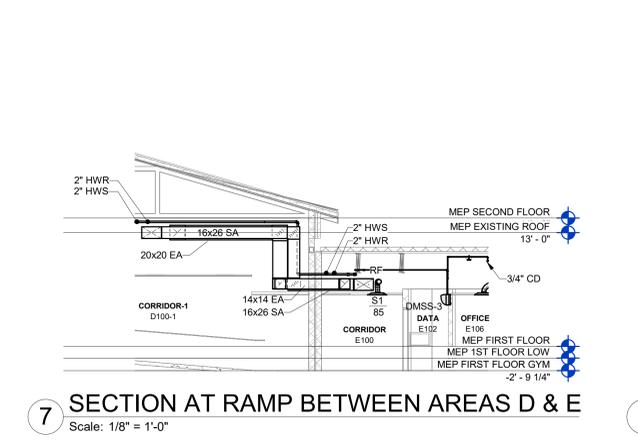
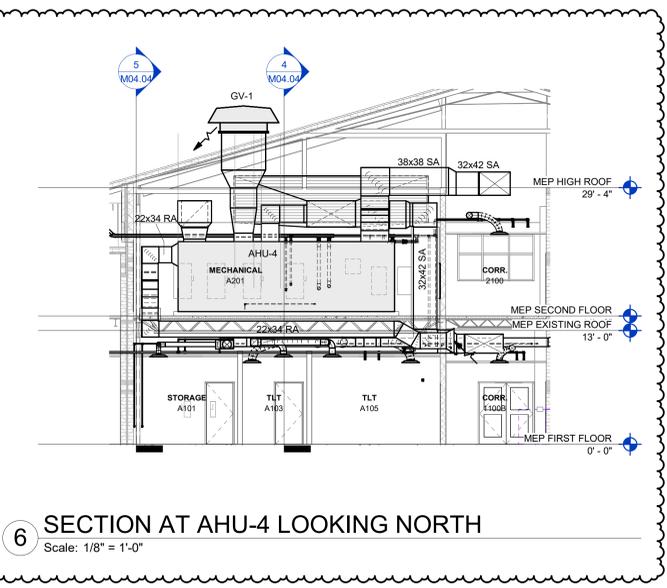
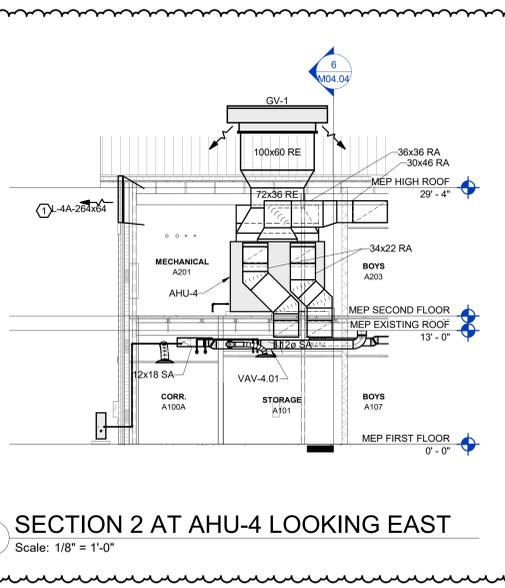
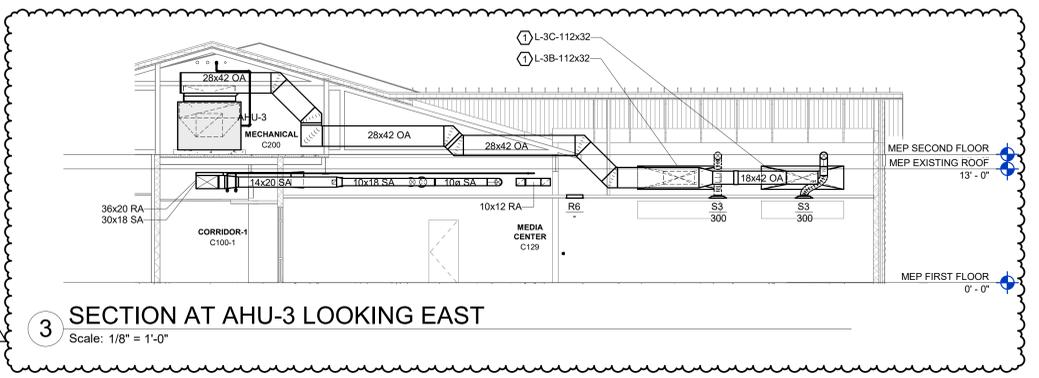
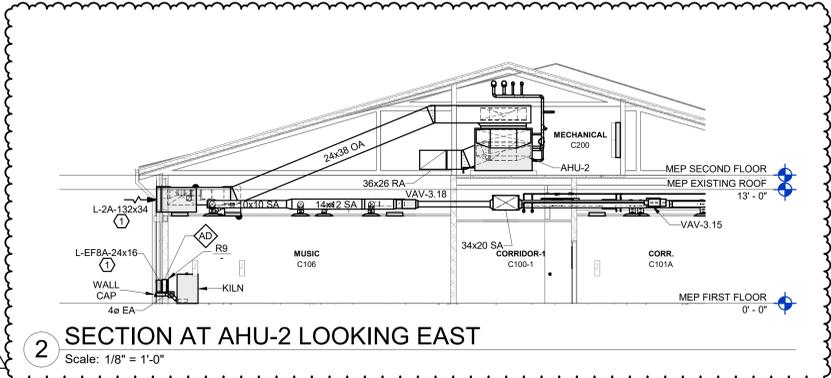
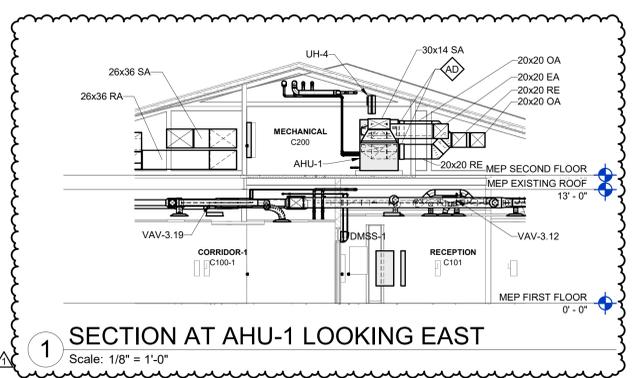


GENERAL NOTES:

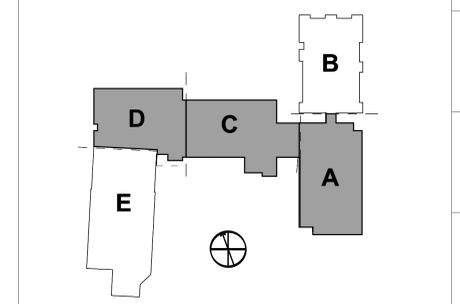
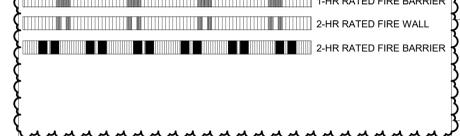
- SEE SHEET M00.01 FOR LEGEND AND GENERAL MECHANICAL PROJECT NOTES.
- REFER TO EQUIPMENT SCHEDULES FOR PIPING BRANCH SIZES FROM MAINS TO HEATING AND COOLING COILS.

KEYNOTES:

- LOUVER SIZE SHOWN IS MINIMUM REQUIRED FOR HVAC DESIGN. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOUVER SIZE & LOCATION.



WALL RATING LEGEND:



GENERAL NOTES:

- 1. SEE SHEET M00.01 FOR LEGEND AND GENERAL MECHANICAL PROJECT NOTES.
- 2. REFER TO EQUIPMENT SCHEDULES FOR PIPING BRANCH SIZES FROM MAINS TO HEATING AND COOLING COILS.

KEYNOTES:

- 1 LOUVER SIZE SHOWN IS MINIMUM REQUIRED FOR HVAC DESIGN. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOUVER SIZE & LOCATION.



ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 561 S. Goldsboro, NC 27530



DKA JOB NUMBER
2401

DEWBERRY NUMBER
50171439

REVISIONS

NO.	ADDENDUM #	DATE
1	Addendum #1	02/03/2025

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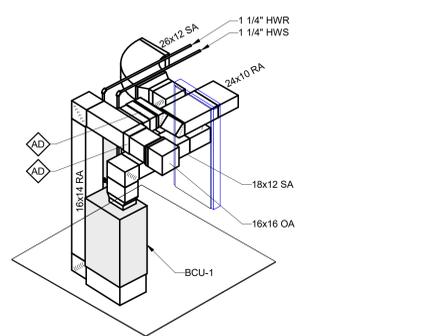
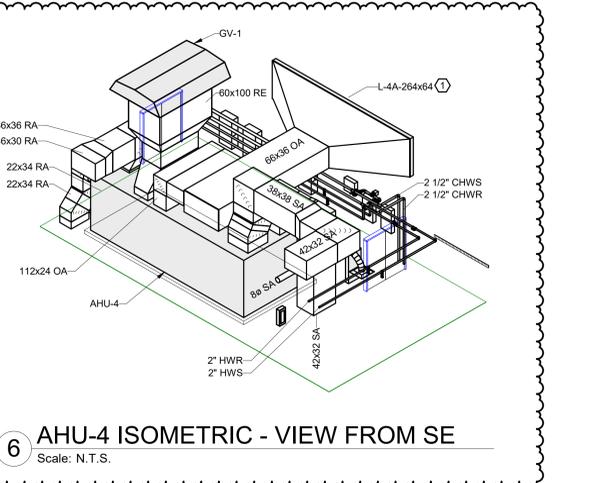
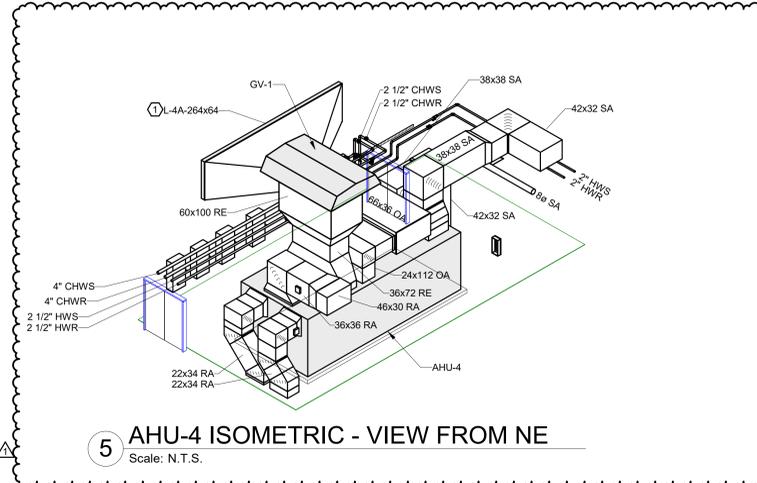
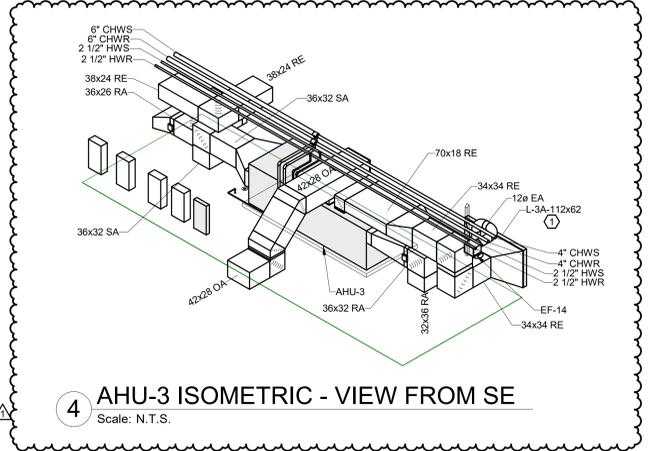
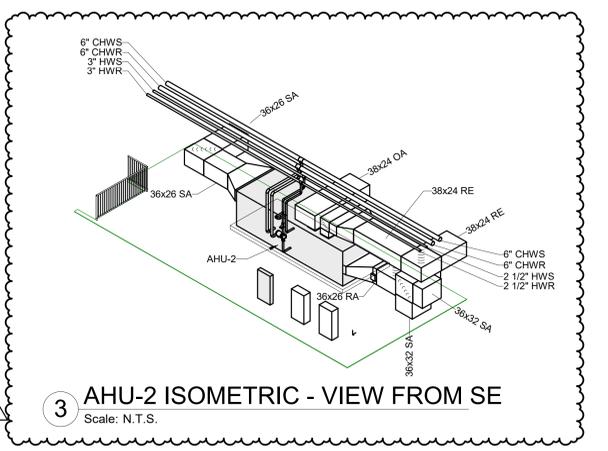
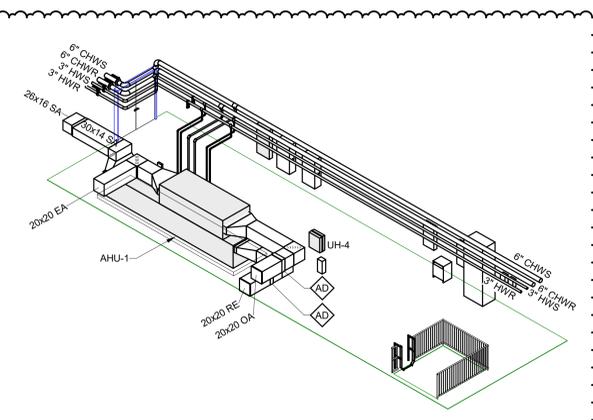
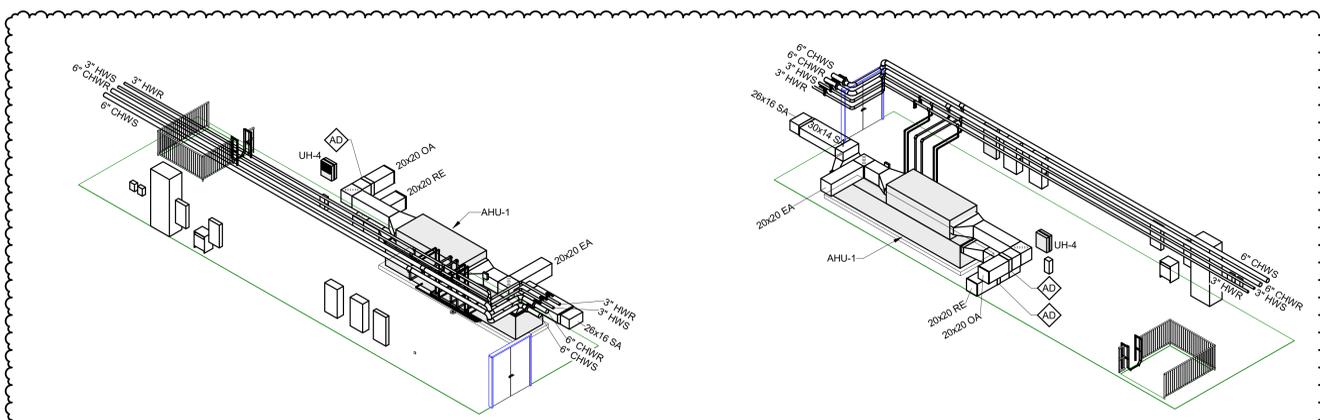
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DATE ISSUED

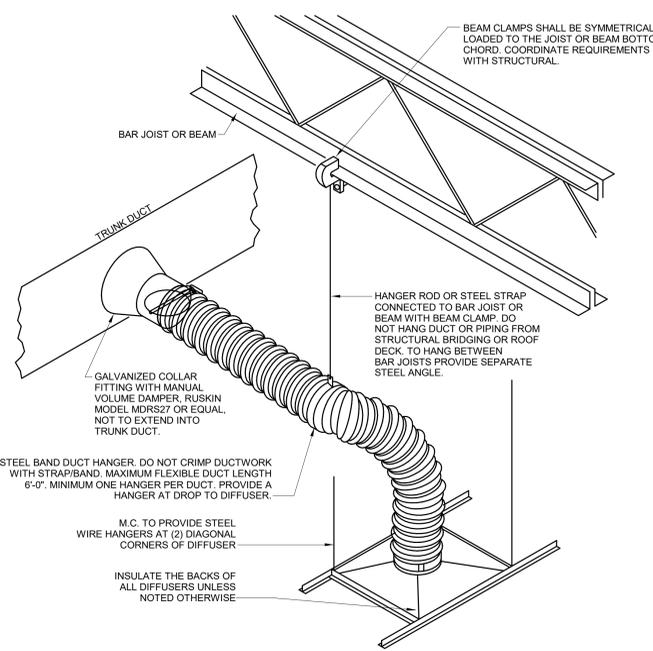
BID DOCUMENTS
 01/10/2025

SHEET TITLE
 MECHANICAL
 ISOMETRIC VIEWS

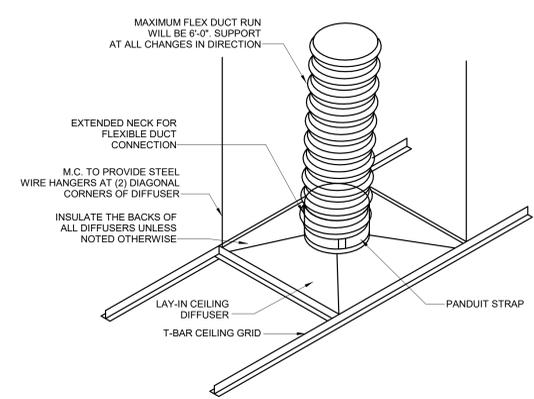
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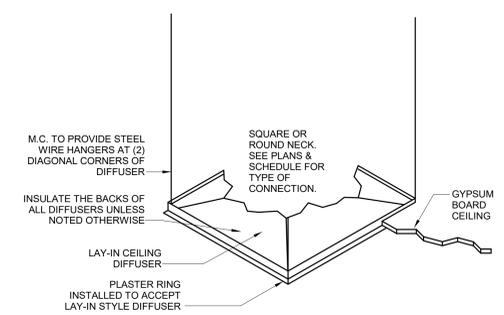
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1	Addendum #1	02/03/2025



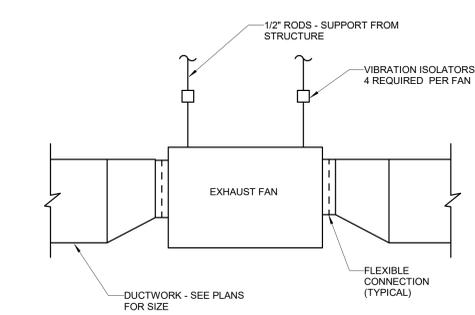
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Scale: N.T.S.



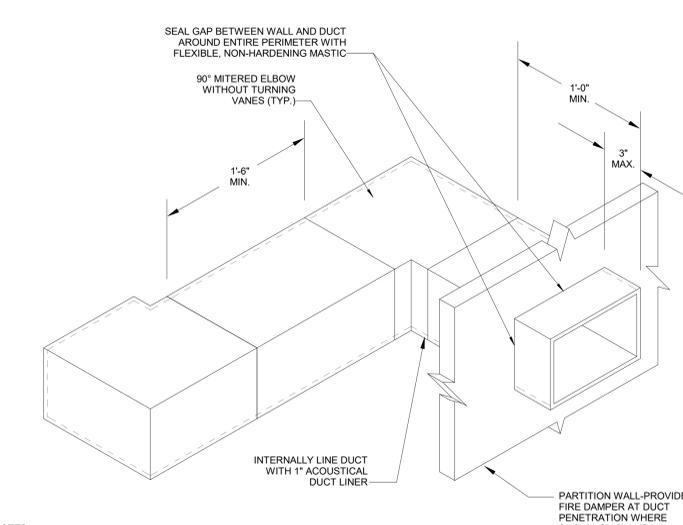
2 ROUND NECK LAY-IN DIFFUSER DETAIL
Scale: N.T.S.



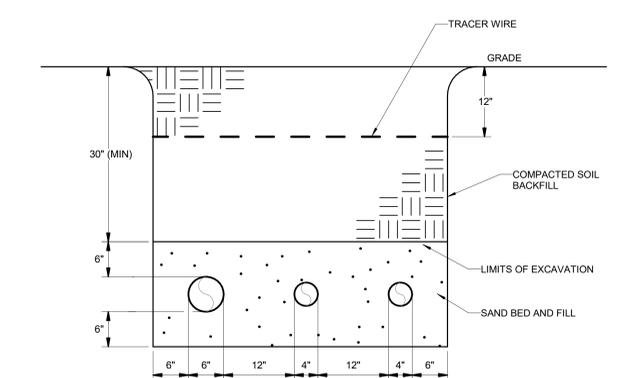
3 GYPSUM CEILING DIFFUSER DETAIL
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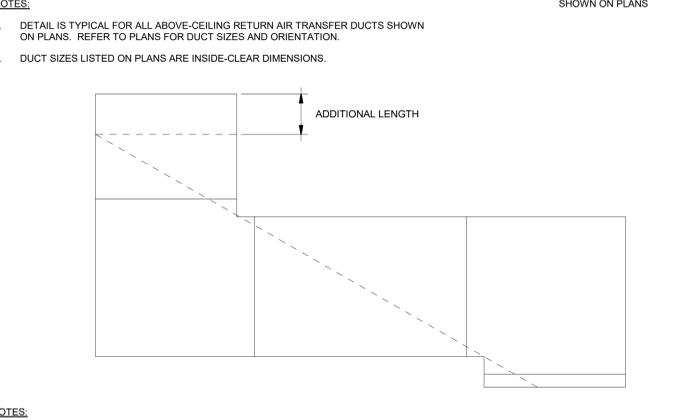
4 INLINE FAN INSTALLATION DETAIL
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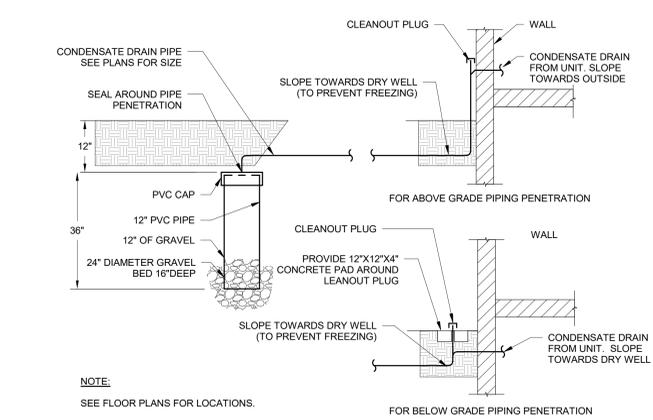
5 FLOOR PIPE PENETRATION DETAIL
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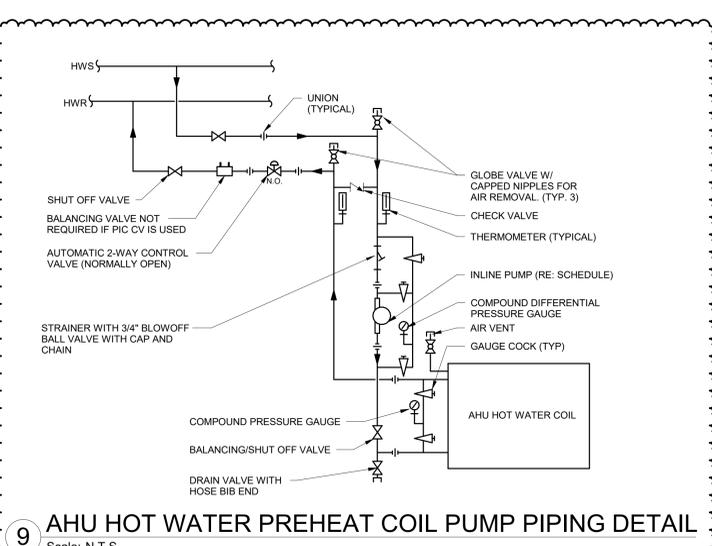
6 BELOW GRADE PIPING DETAIL
Scale: N.T.S.



7 TRANSFER AIR SOUND ATTENUATION DUCT DETAIL (TYPICAL FOR ALL)
Scale: N.T.S.



8 DRY WELL
Scale: N.T.S.



9 AHU HOT WATER PREHEAT COIL PUMP PIPING DETAIL
Scale: N.T.S.

NOTES:
1. DETAIL IS TYPICAL FOR ALL ABOVE-CEILING RETURN AIR TRANSFER DUCTS SHOWN ON PLANS. REFER TO PLANS FOR DUCT SIZES AND ORIENTATION.
2. DUCT SIZES LISTED ON PLANS ARE INSIDE-CLEAR DIMENSIONS.

NOTES:
1. PROVIDE ADDITIONAL DUCT LENGTH TO GUARANTEE NO STRAIGHT-LINE PATH EXISTS THROUGH TRANSFER BOOT.

NOTE:
LOCATE FLOOR SUPPORT MEMBERS AND ADJUST LOCATION OF FLOOR PENETRATIONS AS NECESSARY TO AVOID ANY CONFLICTS WITH THESE MEMBERS.

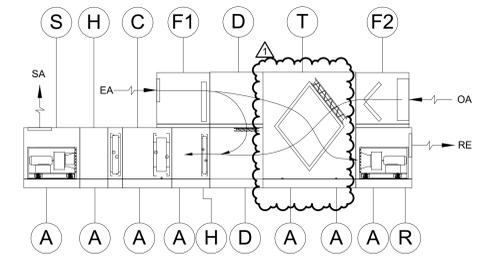
NOTE:
SEE FLOOR PLANS FOR LOCATIONS.

**ROSEWOOD MIDDLE SCHOOL ADDITION
AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS**

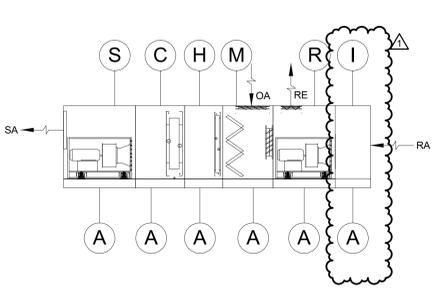
5411 North Carolina 561 S. Goldsboro, NC 27530

KEYNOTES:
1 SUPPLY AND INSTALL FAN ISOLATION DAMPERS ON EACH AHU SUPPLY AND RETURN FAN INLET. PROVIDE AIRWARE MODEL A80 GRAVITY CONTROLLED BACKDRAFT DAMPER WITH REQUIRED ACCESSORIES AND INSTALL IN PRE-PURCHASED AIR HANDLING UNIT UNDER THIS PROJECT (BASE BID). COORDINATE EXACT DAMPER REQUIREMENTS WITH UNIT SUPPLIER/MANUFACTURER AND SUBMIT FOR ENGINEERS REVIEW.

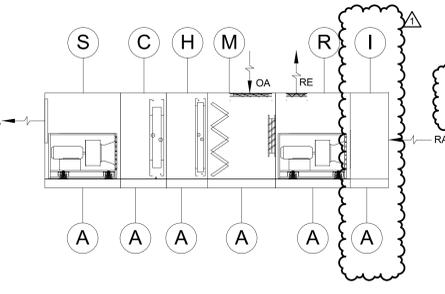
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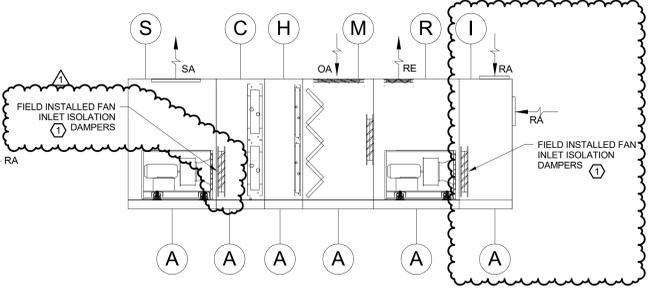
AHU-2



AHU-3



AHU-4



AHU COMPONENT LEGEND:

- (A) ACCESS
- (C) CHILLED WATER COOLING COIL
- (D) RECIRC DAMPER MIXING SECTION
- (F1) ANGLED FILTER SECTION
- (F2) FLAT FILTER SECTION
- (H) HOT WATER HEATING COIL
- (I) INLET AIR PLENUM SECTION
- (M) MIXING SECTION WITH ANGLED FILTERS
- (R) RETURN / EXHAUST FAN SECTION
- (S) SUPPLY FAN SECTION
- (T) TOTAL ENTHALPY FIXED MEMBRANE MODULE WITH BYPASS AND COLD-CORNER DEFROST DAMPERS

NOTES:

1. ALL CONNECTIONS AND ACCESS DOORS SHALL BE SAME SIDE OF THE UNIT. REFER TO AHU ENLARGED VIEWS FOR ACCESS SIDE.
2. ALL ACCESS DOORS OPENING WIDTH SHALL BE MINIMUM 18" INSIDE CLEAR.
3. PROVIDE AIR HANDLING UNITS WITH MINIMUM 6" INTEGRAL BASE RAILS.
4. AIR HANDLING UNITS SHALL BE CONNECTED TO DUCTWORK WITH FLEXIBLE CONNECTIONS.
5. REFER TO AHU SCHEDULE AND SPECIFICATIONS FOR MORE INFORMATION.

SEALS



DKA JOB NUMBER
2401

DEWBERRY NUMBER
50171439

REVISIONS

NO.	DESCRIPTION	DATE
1	Addendum #1	02/03/2025

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01/10/2025

SHEET TITLE
AHU GENERAL
ARRANGEMENT
DETAILS

M05.06

AIR-COOLED CHILLER SCHEDULE (FURNISHED UNDER SEPARATE CONTRACT)

MARK	SERVICE	TYPE	MANUFACTURER / MODEL	REFRIGERANT		CHILLED WATER					PERFORMANCE					ELECTRICAL			EVAPORATOR HEATER			PIPING HEAT TRACE			DIMENSIONS AND WEIGHT			NOTES
				TYPE	CHARGE (LBS)	CAPACITY (TONS)	FLOW (GPM)	MIN FLOW (GPM)	EWT (F)	LWT (F)	MAX. WPD (FT H2O)	MIN. FL. EER @ AHRI (BTU/HW)	MIN. IPLV @ AHRI (BTU/HW)	MIN. NPLV @ DESIGN (BTU/HW)	AMB. (F)	MAX. SOUND (dBA)	MCA (A)	MCCP (A)	VOLTAGE/ PHASE	REQ'D (Y OR N)	VOLTAGE/ PHASE	REQ'D (Y OR N)	VOLTAGE/ PHASE	FOOTPRINT (FT x FT)	HEIGHT (FT)	WEIGHT (LBS)		
CH-1	BUILDING CHW LOOP	AIR-COOLED SCROLL	DAIKIN / AG2006F	R-32	68	110	190	138	58	44	10	10.57	17.18	15.68	95	65	231	250	480/3	YES	120/1	YES	120/1	7.4 x 10.7	8.2	5,400	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15	
CH-2	BUILDING CHW LOOP	AIR-COOLED SCROLL	DAIKIN / AG2006F	R-32	68	110	190	138	58	44	10	10.57	17.18	15.68	95	65	231	250	480/3	YES	120/1	YES	120/1	7.4 x 10.7	8.2	5,400	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15	

NOTES:

- CHILLER FURNISHED UNDER SEPARATE CONTRACT FOR INSTALLATION UNDER THIS CONTRACT. MECHANICAL CONTRACTOR SHALL OBTAIN FINAL PRE-PURCHASE EQUIPMENT SUBMITTAL FOR EQUIPMENT AND ACCESSORIES FURNISHED UNDER SEPARATE CONTRACT FOR INSTALLATION UNDER THIS CONTRACT. ALL EQUIPMENT, ACCESSORIES, WARRANTIES, ETC. NOT FURNISHED UNDER SEPARATE CONTRACT SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR UNDER THIS CONTRACT.
- REFER TO SECTION 236426 FOR ADDITIONAL REQUIREMENTS FOR AIR-COOLED CHILLERS.
- PROVIDE HIGH EFFICIENCY CHILLER WITH MINIMUM SCHEDULED FULL LOAD EER & IPLV IN ACCORDANCE WITH AHRI 550/590. MINIMUM SCHEDULED NPLV AT DESIGN CONDITIONS INDICATED.
- CAPACITIES ARE BASED ON 0.00010 FOULING FACTORS FOR AIR-COOLED CHILLERS.
- SOUND PERFORMANCE IS BASED ON SOUND PRESSURE LEVELS MEASURED AT 30 FEET FROM UNIT AT FULL CAPACITY IN ACCORDANCE WITH AHRI 370.
- PROVIDE FACTORY INSTALLED CIRCUIT BREAKERS, ACROSS THE LINE START, AND SINGLE POINT ELECTRICAL CONNECTION.
- PROVIDE 20A DEDICATED CIRCUIT FOR EVAPORATOR HEATER FOR EACH CHILLER.
- PROVIDE 20A DEDICATED CIRCUIT FOR PIPING HEAT TAPE FOR EACH CHILLER.
- PROVIDE 20A DEDICATED CIRCUIT FOR CONTROLS FOR EACH CHILLER.
- PROVIDE WITH HEAT TRACING ON CHILLER BARREL AND PIPING.
- PROVIDE WITH WATER STRAINER; REFRIGERANT ISOLATION VALVES; FREEZE PROTECTION PACKAGE; PROGRAMMABLE RELAYS; SUPER-QUIET SOUND PACKAGE.
- PROVIDE CONCRETE PAD FOR OUTDOOR CHILLERS THAT IS 6-INCHES LONGER AND WIDER THAN UNIT FOOTPRINT AND 6-INCHES THICK WITH DOWNTURNED EDGES, 4-INCH DEEP CRUSHED STONE BASE AND 1" FULL PERIMETER CHAMFER. REFER TO STRUCTURAL DETAILS FOR ADDITIONAL REQUIREMENTS.
- PROVIDE FACTORY INSTALLED WATER FLOW SWITCH AND EXTENDED 5 YR. COMPRESSOR WARRANTY.
- PROVIDE WITH OPEN PROTOCOL BACNET COMPLIANT CONTROLS INTERFACE FOR COMMUNICATION WITH BAS AS INDICATED ON CONTROLS DRAWINGS.
- PROVIDE WITH FULLY LOUVERED PANELS OVER ENTIRE UNIT.

CONDENSING WATER BOILER SCHEDULE

MARK	SERVICE	TYPE	MANUFACTURER / MODEL	HEATING WATER			BURNER			ELECTRICAL					DIMENSIONS AND WEIGHT			NOTES						
				EWT (F)	LWT (F)	DESIGN FLOW (GPM)	MINIMUM FLOW (GPM)	WPD (FT H2O)	PRIMARY FUEL	THERMAL EFF. (%)	FULL FIRE MIN. EFF. (%)	MIN. FIRE MIN. EFF. (%)	INPUT (MBH)	DESIGN OUTPUT (MBH)	MCA (A)	FLA (A)	VOLTAGE/ PHASE		FOOTPRINT (IN x IN)	HEIGHT (IN)	EXHAUST FLUE VENT (IN DIA)	COMBUST. AIR DUCT (IN DIA)	WET WEIGHT (LBS)	
B-1	BUILDING HHW	S.S. FIRE-TUBE HX	LOCHINVAR / CREST FBN1501	110	140	100	36.0	10	NAT. GAS	4 to 14	96.2%	91.8%	94.1%	1,500	1412	13.0	10.0	120/1	68 x 30	78	8	8	2,400	1,2,3,4,5,6,7,8,9
B-2	BUILDING HHW	S.S. FIRE-TUBE HX	LOCHINVAR / CREST FBN1501	110	140	100	36.0	10	NAT. GAS	4 to 14	96.2%	91.8%	94.1%	1,500	1412	13.0	10.0	120/1	68 x 30	78	8	8	2,400	1,2,3,4,5,6,7,8,9

NOTES:

- REFER TO SECTION 235218 FOR ADDITIONAL REQUIREMENTS.
- PROVIDE MOTOR-RATED DISCONNECT SWITCH.
- SCHEDULED EFFICIENCIES AT FULL FIRE AND MINIMUM FIRE ARE BASED ON DESIGN ENTERING WATER TEMPERATURE AS SCHEDULED.
- CAPACITY AND PRESSURE DROP IS BASED ON DESIGN FLOW RATE. CONTROL / TAB SHALL NOT ALLOW FLOW BELOW MINIMUM FLOW RATE PLUS A 15% SAFETY FACTOR.
- PROVIDE 4-INCH DEEP CONCRETE PAD THAT IS 4-INCHES LONGER AND WIDER THAN UNIT FOOTPRINT. REFER TO STRUCTURAL DETAILS.
- PROVIDE GAS REGULATOR AS REQUIRED FOR BOILER UTILIZATION PRESSURE. REGULATORS SHALL BE VENTED TO A SAFE LOCATION EXTERIOR TO THE BUILDING. VENTLESS REGULATORS WITH VENT LIMITERS ARE NOT ACCEPTABLE.
- PROVIDE BACnet COMPLIANT CONTROL INTERFACE.
- PROVIDE EACH BOILER WITH INDEPENDENT CONDENSATE DRAIN ACID NEUTRALIZATION SYSTEM. SYSTEM SIZING SHALL COMPLY WITH THE REQUIREMENTS AND RECOMMENDATIONS OF BOTH THE BOILER MANUFACTURER AND THE ACID NEUTRALIZATION SYSTEM MANUFACTURER.
- THERMAL EFFICIENCY IN ACCORDANCE WITH 10 CFR PART 431.

AIR DISTRIBUTION SCHEDULE

MARK	SERVICE	TYPE	MANUFACTURER / SERIES	MATERIAL	COLOR	PATTERN	MAX. AIR FLOW (CFM)	FACE SIZE (IN x IN)	NECK SIZE (IN x IN)	APD (IN WG)	MAX. SOUND (NC)	NOTES
S1	SUPPLY	SQUARE LOUVER FACE	TITUS TMSA	STEEL	WHITE	360-DEG.	100	24 x 24	6	0.08	20	1,2,3,4,5,6,7
S2							200	24 x 24	8	0.08		
S3							325	24 x 24	10	0.10		
S4							500	24 x 24	12	0.10		
S5							675	24 x 24	14	0.10		
S6							100	12 x 12	6	0.10		
S7	SUPPLY	AIRFOIL BLADE GRILLE	TITUS 272	STEEL	WHITE	90 DEG.	150	10 x 8	8 x 6	0.10	20	1,2,3,4,5,6,7
R1 / E1	RETURN/EXHAUST	SQUARE PERFORATED FACE	TITUS PAR	STEEL	WHITE	N/A	200	24 x 24	8	0.10	20	1,2,3,4,5,6,7
R2 / E2							325	24 x 24	10	0.10		
R3 / E3							450	24 x 24	12	0.10		
R4 / E4							600	24 x 24	14	0.10		
R5 / E5							800	24 x 12	22 x 10	0.10		
R6 / E6							1,300	24 x 24	22 x 22	0.10		
R7 / E7							200	12 x 12	8	0.10		
R8 / E8							RETURN/EXHAUST	STANDARD BLADE GRILLE	TITUS 350RL	STEEL		
R9 / E9	1,300	26 x 18	24 x 16	0.10								
R10 / E10	RETURN/EXHAUST	HEAVY-DUTY BLADE GRILLE	TITUS 30RL	STEEL	WHITE	N/A					6,700	62 X 38

NOTES:

- REFER TO SECTION 233713 FOR ADDITIONAL REQUIREMENTS.
- SOUND LEVELS SHALL BE BASED ON ASHRAE 70.
- VERIFY MOUNTING FRAME STYLE WITH ARCHITECTURAL REFLECTED CEILING PLANS AND FINISH SCHEDULES.
- DUCT BRANCH FROM MAIN TAKEOFF TO AIR INLET / OUTLET SHALL MATCH SCHEDULED NECK SIZE UNLESS OTHERWISE NOTED.
- DESIGN INCLUDES DUCT-MOUNTED VOLUME DAMPERS FOR ALL DEVICES. INTEGRAL DAMPERS ADJUSTABLE AT THE DEVICE FACE ARE PROHIBITED.
- PROVIDE PRIMED-FOR-PAINT FINISH FOR DIFFUSERS AND GRILLES IN SPACES WITH EXPOSED STRUCTURE CEILINGS AND/OR MOUNTED TO EXPOSED DUCT.
- PROVIDE ALUMINUM CONSTRUCTION FOR HUMID AREAS INCLUDING MAIN KITCHEN AND DISHWASHER AREAS, TOILET ROOMS, LOCKER ROOMS, AND MECHANICAL SPACES.

LIFE-SAFETY PENETRATION SCHEDULE

ASSEMBLY AND PENETRATION TYPE	F RATING (HR)	U. L. DETAIL SYSTEM NUMBER	
CONCRETE FLOORS	1 or 2	CAJ-5061, CAJ-5090, CAJ-5091, CAJ-5096, CAJ-5277	
	3	CAJ-5061, CAJ-5090	
	1 or 2	CAJ-1226, CAJ-1155, CAJ-1380, CAJ-1575, FA-1028	
	4	CBJ-1037	
	1 or 2	CAJ-2109, CAJ-2407, CAJ-2567, CAJ-2831	
	1 or 2	CAJ-7029, CAJ-7084	
	1 or 2	CAJ-3095, CAJ-3210, CAJ-3239	
	1 or 2	CAJ-4034, CAJ-4035, CAJ-4083	
	4	CAJ-4107	
	1 or 2	CAJ-5061, CAJ-5090, CAJ-5091, CAJ-5096, CAJ-5277	
	4	WJ-5028	
	1 or 2	CAJ-1226, CAJ-1155, CAJ-1380, CAJ-1575	
4	CAJ-1630		
1 or 2	CAJ-2109, CAJ-2407, CAJ-2567, CAJ-2831		
1 or 2	CAJ-7145, WJ-7091, WJ-7112		
1 or 2	CAJ-7029, WJ-7109, WJ-7021		
3	CAJ-7192		
1 or 2	CAJ-3095, CAJ-3180, WJ-3036		
1 or 2	CAJ-4034, CAJ-4035, CAJ-4083		
4	CAJ-4107		
CONCRETE/MASONRY WALLS	1 or 2	WL-5045, WL-5047, WL-5096	
	4	WL-5073	
	1 or 2	WL-1164, WL-1205, WL-1465	
	1 or 2	WL-2084, WL-2341, WL-2649	
	1 or 2	WL-7151, WL-7156	
	1 or 2	WL-7155, WL-7213, WL-7250	
	1 or 2	WL-3065, WL-3111, WL-3161	
	1 or 2	WL-4011, WL-4019, WL-4081	
	GYPSUM WALLBOARD	1 or 2	WL-5045, WL-5047, WL-5096
		4	WL-5073
		1 or 2	WL-1164, WL-1205, WL-1465
		1 or 2	WL-2084, WL-2341, WL-2649
1 or 2		WL-7151, WL-7156	
1 or 2		WL-7155, WL-7213, WL-7250	
1 or 2		WL-3065, WL-3111, WL-3161	
1 or 2		WL-4011, WL-4019, WL-4081	

NOTES:

- REFER TO SECTION 230500 FOR MORE INFORMATION.
- SELECT UL LISTED PENETRATION DETAIL MATCHING THE PENETRATION CONDITIONS.
- SUBMIT AN APPROPRIATE DETAIL FOR ENGINEER REVIEW IF THE PROJECT CONDITIONS ARE NOT REPRESENTED ABOVE.

PUMP SCHEDULE

MARK	SERVICE	TYPE	MANUFACTURER / MODEL	FLOW (GPM)	REVISED HEAD (FT H2O)	EFF. (%)	PUMP SPEED (RPM)	BRAKE MOTOR (HP)	NOMINAL MOTOR (HP)	VOLTAGE/ PHASE	STARTER/ DSCNNCT MEANS	NOTES
PCHWP-1	PRIMARY CHW	SEPARATELY-COUPLED IN-LINE	BELL & GOSSETT / E80SC 3x3x7C	190	35	75%	1750	2.3	3	480/3	MS/D	1,2,3,4,5,6,7
PCHWP-2	PRIMARY CHW	SEPARATELY-COUPLED IN-LINE	BELL & GOSSETT / E80SC 3x3x7C	190	35	75%	1750	2.3	3	480/3	MS/D	1,2,3,4,5,6,7
SCHWP-1	SECONDARY CHW	SEPARATELY-COUPLED IN-LINE	BELL & GOSSETT / E80SC 4x4x11B	380	70	73%	1598	9.2	15	480/3	VFD	1,2,3,4,5,6,7
SCHWP-2	SECONDARY CHW	SEPARATELY-COUPLED IN-LINE	BELL & GOSSETT / E80SC 4x4x11B	380	70	73%	1598	9.2	15	480/3	VFD	1,2,3,4,5,6,7
PHWP-1	PRIMARY HW	CLOSE-COUPLED IN-LINE	BELL & GOSSETT / E80 2.5x2.5x7B	100	30	68%	1750	1.1	1.5	480/3	MS/D	1,2,3,4,5,6
PHWP-2	PRIMARY HW	CLOSE-COUPLED IN-LINE	BELL & GOSSETT / E80 2.5x2.5x7B	100	30	68%	1750	1.1	1.5	480/3	MS/D	1,2,3,4,5,6
SHWP-1	SECONDARY HW	SEPARATELY-COUPLED IN-LINE	BELL & GOSSETT / E80SC 3x3x9.5C	200	65	70%	1663	4.6	7.5	480/3	VFD	1,2,3,4,5,6,7
SHWP-2	SECONDARY HW	SEPARATELY-COUPLED IN-LINE	BELL & GOSSETT / E80SC 3x3x9.5C	200	65	70%	1663	4.6	7.5	480/3	VFD	1,2,3,4,5,6,7
PHCP-1	AHU-2 PH COIL	CLOSE-COUPLED IN-LINE	BELL & GOSSETT / ER1 24AA8	25	22	39%	1725	0.5	0.5	120/1	MS/D	1,3,4,5,6

NOTES:

- REFER TO SECTION 232123 FOR ADDITIONAL REQUIREMENTS.
- PUMPS OPERATING IN PARALLEL SHALL BE SELECTED FOR PARALLEL OPERATION.
- PROVIDE STARTING AND DISCONNECTING MEANS AS SCHEDULED. (MRS = MOTOR RATED SWITCH; MS/D = COMBINATION MOTOR-STARTER AND DISCONNECT; AND VFD = VARIABLE FREQUENCY DRIVE)
- PUMPS MOTOR SELECTION SHALL BE BASED ON NON-OVERLOADING SERVICE.
- PUMPS SUBMITTED BY MANUFACTURER OTHER THAN LISTED SHALL HAVE SIMILAR CURVES AS THOSE SPECIFIED.
- REFER TO DETAILS FOR ADDITIONAL INFORMATION.
- PROVIDE 4-INCH DEEP CONCRETE PAD. REFER TO STRUCTURAL DETAILS.

EXPANSION TANK SCHEDULE

MARK	SERVICE	TYPE	MANUFACTURER / MODEL	EXPANSION TANK			HYDRONIC SYSTEM		DIMENSIONS AND WEIGHT			NOTES
				TOTAL VOLUME (GALLONS)	ACCEPT. VOLUME (GALLONS)	CHARGE PRESSURE (PSIG)	MAKEUP PRESSURE (PSIG)	RELIEF PRESSURE (PSIG)	INLET SIZE (IN DIA)	DIMENSIONS (IN DIA x IN)	WEIGHT (LBS)	
XT-1	CHILLED WATER	BLADDER	BELL & GOSSETT / B-100	26	26	21	22	50	0.75	20"Ø x 31"	320	1,2
XT-2	HEATING WATER	BLADDER	BELL & GOSSETT / B-500	132	132	21	22	50	0.75	30"Ø x 57"	1,435	1,2

NOTES:

- REFER TO SECTION 232116 FOR ADDITIONAL REQUIREMENTS.
- PROVIDE 4-INCH DEEP CONCRETE PAD. REFER TO STRUCTURAL DETAILS.

AIR SEPARATOR SCHEDULE

MARK	SERVICE	TYPE	MANUFACTURER / MODEL	WATER FLOW (GPM)	MAX. WPD (FT H2O)	DIMENSIONS (IN DIA x IN)	INLET SIZE (IN DIA)	OPERATING WEIGHT (LBS)	NOTES
AS-1	CHILLED WATER	TANGENTIAL	B&G ROLAIRTROL / R-6	380	2	18"Ø x 44"	6	580	1,2,3
AS-2	HEATING WATER	TANGENTIAL	B&G ROLAIRTROL / R-4	200	2	13"Ø x 32"	4	280	1,2,3

NOTES:

- REFER TO SECTION 232116 FOR ADDITIONAL REQUIREMENTS.
- PROVIDE MANUAL BLOWDOWN VALVE.
- PROVIDE AUTOMATIC AIR VENT.



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PROJECT INFORMATION



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PROJECT INFORMATION

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WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 561 S. Goldsboro, NC 27550

SEALS



DKA JOB NUMBER

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1 Addendum #1 02/03/2025

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SHEET TITLE

SCHEDULES

M06.01

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UNIT HEATER SCHEDULE

MARK	SERVICE	TYPE	MANUFACTURER / MODEL	FAN				AIR				HEATING WATER				ELECTRIC		NOTES	
				AIR FLOW (CFM)	MOTOR (HP)	VOLTAGE/PHASE	EAT (F)	LAT (F)	CAPACITY (MBH)	EWT (F)	LWT (F)	FLOW (GPM)	MAX. WPD (FT H2O)	PIPE SIZE (INCHES)	CONTROL VALVE	MIN. CAP (KW)	VOLTAGE/PHASE		
UH-1	BOILER MECHANICAL D115	HORIZONTAL UNIT HEATER	TRANE / UHEC05	400	-	-	60	99	-	-	-	-	-	-	-	-	5.0	277/1	1,2,3,4,6
UH-2	ELEC A102	HORIZONTAL UNIT HEATER	TRANE / UHEC05	400	-	-	60	86	-	-	-	-	-	-	-	3.3	277/1	1,2,3,4,6	
UH-3	MECHANICAL C200	HORIZONTAL UNIT HEATER	TRANE / UHEC03	400	-	-	60	86	-	-	-	-	-	-	-	3.3	277/1	1,2,3,4,6	
UH-4	MECHANICAL C200	HORIZONTAL UNIT HEATER	TRANE / UHEC03	400	-	-	60	86	-	-	-	-	-	-	-	3.3	277/1	1,2,3,4,6	
UH-5	STAIR S1 ENTRY	WALL/SEMI-RECESSED	TRANE / UHWA05	245	-	-	50	114	-	-	-	-	-	-	-	5.0	277/1	1,3,4,5,7	
UH-6	STAIR S2 ENTRY	WALL/SEMI-RECESSED	TRANE / UHWA05	245	-	-	50	114	-	-	-	-	-	-	-	5.0	277/1	1,3,4,5,7	
UH-7	VESTIBULE D101	WALL/SEMI-RECESSED	TRANE / UHWA05	245	-	-	50	114	-	-	-	-	-	-	-	5.0	277/1	1,3,4,5,7	
UH-8	VESTIBULE C102	WALL/SEMI-RECESSED	TRANE / UHWA05	245	-	-	50	114	-	-	-	-	-	-	-	5.0	277/1	1,3,4,5,7	
UH-9	RISER A104	HORIZONTAL UNIT HEATER	TRANE / UHEC03	400	-	-	60	86	-	-	-	-	-	-	-	3.3	277/1	1,2,3,4,6	
UH-10	GYM E117	VERTICAL UNIT HEATER	TRANE / UHP-146	2220	1/6	120/1	65	84	46.8	140	110	3.25	5	1.00	2-WAY PI	-	-	1,2,8,9,10	
UH-11	GYM E117	VERTICAL UNIT HEATER	TRANE / UHP-146	2220	1/6	120/1	65	84	46.8	140	110	3.25	5	1.00	2-WAY PI	-	-	1,2,8,9,10	
UH-12	GYM E117	VERTICAL UNIT HEATER	TRANE / UHP-146	2220	1/6	120/1	65	84	46.8	140	110	3.25	5	1.00	2-WAY PI	-	-	1,2,8,9,10	
UH-13	GYM E117	VERTICAL UNIT HEATER	TRANE / UHP-146	2220	1/6	120/1	65	84	46.8	140	110	3.25	5	1.00	2-WAY PI	-	-	1,2,8,9,10	
UH-14	GYM E117	VERTICAL UNIT HEATER	TRANE / UHP-146	2220	1/6	120/1	65	84	46.8	140	110	3.25	5	1.00	2-WAY PI	-	-	1,2,8,9,10	
UH-15	GYM E117	VERTICAL UNIT HEATER	TRANE / UHP-146	2220	1/6	120/1	65	84	46.8	140	110	3.25	5	1.00	2-WAY PI	-	-	1,2,8,9,10	
UH-16	CORRIDOR E105	WALL/SEMI-RECESSED	TRANE / UHWA05	245	-	-	50	114	-	-	-	-	-	-	-	5.0	277/1	1,3,4,5,7	

- NOTES:
- REFER TO SECTION 238239 FOR ADDITIONAL REQUIREMENTS.
 - PROVIDE MOTOR-RATED DISCONNECT SWITCH.
 - PROVIDE WITH INTEGRAL THERMOSTAT.
 - PROVIDE SINGLE-STEP CONTROLLER FOR ELECTRIC COILS. COIL CAPACITIES SHALL BE NO LESS THAN MINIMUM AND NO MORE THAN THE ELECTRICAL DESIGN BASIS SCHEDULED.
 - PROVIDE MANUFACTURER'S INTEGRAL LISTED DISCONNECT SWITCH.
 - PROVIDE FACTORY-FABRICATED WALL/CEILING SUPPORT. MOUNT AT 7'-0" AFF. TO BOTTOM OF HEATER UON ON PLANS.
 - PROVIDE RECESSED WALL INSTALLATION. MOUNT AT 1'-4" AFF TO BOTTOM OF HEATER UON ON PLANS. COORDINATE WALL REQUIREMENTS PRIOR TO ORDERING.
 - PROVIDE THERMOSTAT WITH FAN AUTO/ON SELECTOR SWITCH. MOUNT WITH PROTECTIVE WALL GUARD IN SAME LOCATION AS EXISTING THERMOSTAT.
 - PROVIDE FACTORY-FABRICATED SUPPORT. MOUNT BOTTOM OF HEATER DISCHARGE CONE FLUSH WITH BOTTOM OF ROOF TRUSSES (APPROX. 20'-0" AFF).
 - PROVIDE WITH MANUFACTURER'S ADJUSTABLE LOUVER CONE DISCHARGE WITH PROTECTIVE WIRE GUARD FOR VERTICAL DOWN-DISCHARGE AIRFLOW ADJUSTMENT.

FAN SCHEDULE

MARK	SERVICE	TYPE	MANUFACTURER / MODEL	AIR FLOW (CFM)	ESP (IN WG)	EC MOTOR (Y or N)	DRIVE TYPE	SPEED (RPM)	BRAKE MOTOR (HP)	NOMINAL MOTOR (HP)	MAX. SOUND (SONES)	DAMPER TYPE	VOLTAGE/PHASE	STARTER/DSCNCT	CONTROL TYPE	NOTES	
																	STARTER/ DSCNCT
EF-1	KITCHEN D118 GENERAL EXH.	IN-LINE SQUARE CENTRIFUGAL	GREENHECK / SQ-120-VG	1,500	0.75	YES	DIRECT	1683	0.43	3/4	12.5	GRAVITY	120/1	MRS	B	1,2,3	
EF-2	DISH D112, JAN D114, LOCKER 116, TLT 116A	IN-LINE CABINET	GREENHECK / CSP-A700-VG	460	0.75	YES	DIRECT	1349	0.17	1/4	2.6	GRAVITY	120/1	MRS	A	1,2,4,5	
EF-3	MAIN MECHANICAL/BOILER RM D115	IN-LINE SQUARE CENTRIFUGAL	GREENHECK / SQ-16-M2-VG	3,300	0.40	YES	DIRECT	1148	0.42	1	5.7	GRAVITY	277/1	MRS	C	1,2,3	
EF-4	MAIN ELEC RM D114	IN-LINE SQUARE CENTRIFUGAL	GREENHECK / SQ-16-M2-VG	3,400	0.40	YES	DIRECT	1170	0.44	1	5.8	GRAVITY	277/1	MRS	C	1,2,3	
EF-5	BOYS D109, GIRLS D105	IN-LINE SQUARE CENTRIFUGAL	GREENHECK / SQ-120-VG	700	0.75	YES	DIRECT	1242	0.16	1/4	6.6	GRAVITY	120/1	MRS	A	1,2,3	
EF-6	TLT RMS C115A, C125, C127	IN-LINE CABINET	GREENHECK / CSP-A390-VG	210	0.625	YES	DIRECT	1376	0.07	1/4	2.8	GRAVITY	120/1	MRS	A	1,2,4,5	
EF-7	ART C108	IN-LINE CABINET	GREENHECK / CSP-A1050-VG	700	0.625	YES	DIRECT	1229	0.21	1/2	2.4	GRAVITY	120/1	MRS	A	1,2,4,5	
EF-8	KLN C108B	IN-LINE CABINET	GREENHECK / CSP-A700-VG	650	0.50	YES	DIRECT	1223	0.19	1/4	2.0	GRAVITY	120/1	MRS	C	1,2,4,5	
EF-9	BOYS A107, GIRLS A111, JAN A109, TLT A103, TLT A105	IN-LINE SQUARE CENTRIFUGAL	GREENHECK / SQ-120-VG	1,170	0.75	YES	DIRECT	1464	0.29	1/2	6.9	GRAVITY	120/1	MRS	A	1,2,3	
EF-10	TLT A113A, TLT A115A	IN-LINE CABINET	GREENHECK / CSP-A390-VG	190	0.625	YES	DIRECT	1376	0.07	1/4	2.8	GRAVITY	120/1	MRS	A	1,2,4,5	
EF-11	ELEC A102	IN-LINE CABINET	GREENHECK / CSP-A700-VG	600	0.50	YES	DIRECT	1195	0.17	1/4	1.8	GRAVITY	120/1	MRS	C	1,2,4,5,6	
EF-12	RISER A104	IN-LINE CABINET	GREENHECK / CSP-A390-VG	300	0.50	YES	DIRECT	1361	0.09	1/4	2.6	GRAVITY	120/1	MRS	C	1,2,4,5,6	
EF-13	BOYS A203, GIRLS A207, JAN A205, TLT A205	IN-LINE SQUARE CENTRIFUGAL	GREENHECK / SQ-120-VG	1,100	0.75	YES	DIRECT	1421	0.26	1/2	6.5	GRAVITY	120/1	MRS	A	1,2,3	
EF-14	MECHANICAL (MEZZANINE) C200	IN-LINE CABINET	GREENHECK / CSP-A700-VG	600	0.50	YES	DIRECT	1195	0.17	1/4	1.8	GRAVITY	120/1	MRS	C	1,2,4,5,6	
EF-15	BOYS E124, GIRLS E123	DOWNBLAST DOME	GREENHECK / G-100-VG	840	0.625	YES	DIRECT	1642	0.16	1/4	7.4	GRAVITY	120/1	MRS	A	1,2,4,5,7	
EF-16	TLT A211	IN-LINE CABINET	GREENHECK / CSP-A390-VG	75	0.60	YES	DIRECT	1300	0.05	1/4	1.5	GRAVITY	120/1	MRS	A	1,2,4,5	
EF-17	PREP ROOM A209A	IN-LINE CABINET	GREENHECK / CSP-A390-VG	220	0.50	YES	DIRECT	1258	0.05	1/4	1.5	GRAVITY	120/1	MRS	F	1,2,4,5,8	
EF-18	SCIENCE A213	IN-LINE SQUARE CENTRIFUGAL	GREENHECK / SQ-120-VG	1,000	0.63	YES	DIRECT	1323	0.21	1/2	7.4	GRAVITY	120/1	MRS	F	1,2,3	
EF-19	SCIENCE A213	IN-LINE SQUARE CENTRIFUGAL	GREENHECK / SQ-120-VG	1,000	0.63	YES	DIRECT	1323	0.21	1/2	7.4	GRAVITY	120/1	MRS	F	1,2,3	
REF-1	KITCHEN HOODS H-1 & H-2	UPBLAST DOME, GREASE	REFER TO KITCHEN DETAILS	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-

- NOTES:
- REFER TO SECTION 233400 FOR ADDITIONAL REQUIREMENTS.
 - PROVIDE STARTING AND DISCONNECTING MEANS AS SCHEDULED. (MRS = MOTOR RATED SWITCH; MS/D = COMBINATION MOTOR-STARTER AND DISCONNECT; VFD = VARIABLE FREQUENCY DRIVE; AND DSC = DISCONNECT)
 - PROVIDE WITH SPRING ISOLATION MOUNTS. REFER TO 230548.
 - PROVIDE WITH ELASTOMERIC ISOLATION MOUNTS. REFER TO 230548.
 - PROVIDE METAL FAN WHEEL CONSTRUCTION. PLASTIC WHEELS ARE NOT ACCEPTABLE.
 - PROVIDE WITH FAN INLET SAFETY SCREEN.
 - PROVIDE FACTORY-FABRICATED ROOF CURB ADAPTOR AS NEEDED TO MOUNT FAN ON EXISTING ROOF CURB.
 - AMCA SPARK B CONSTRUCTION.

- CONTROL TYPE (REFER TO CONTROLS DIAGRAMS):
- CONTROLLED BY BUILDING AUTOMATION SYSTEM - BASED ON OCCUPANCY.
 - CONTROLLED BY BUILDING AUTOMATION SYSTEM - KITCHEN EXHAUST.
 - THERMOSTATICALLY CONTROLLED BY LINE VOLTAGE THERMOSTAT.
 - KITCHEN HOOD CONTROL. RE: KITCHEN DETAILS & CONTROL DWGS.
 - CONTINUOUS OPERATION
 - WALL MOUNTED TWIST TIMER WITH 0-120 MINUTE RANGE. RE: CONTROLS

GRAVITY ROOF VENTILATOR SCHEDULE

MARK	SERVICE	TYPE	MANUFACTURER / MODEL	AIR FLOW (CFM)	APD (IN WG)	VENT. SIZE (IN x IN)	THROAT SIZE (IN x IN)	MAX. HEIGHT (IN)	DAMPER TYPE	NOTES
GV-1	AHU-4 RELIEF	LOW-PROFILE HOOD	GREENHECK / FGR-60x100	24900	0.05	90 x 132	60 x 100	44.5	MOTORIZED DAMPER AT AHU	1,2,3,4,6
GV-2	BCU-1 INTAKE	DOME VENTILATOR	GREENHECK / GRSI-16	950	0.05	290	160	25	MOTORIZED DAMPER AT BCU	1,3,5
GV-3	EF-4 EXHAUST	LOW-PROFILE HOOD	GREENHECK / FGR-30x30	3400	0.05	56 x 48	30 x 30	34	MOTORIZED DUCT-MOUNTED	1,2,3,4,6
GV-4	EF-4 INTAKE	LOW-PROFILE HOOD	GREENHECK / FGI-30x30	3400	0.05	48 x 48	30 x 30	34	MOTORIZED DUCT-MOUNTED	1,2,3,4,6

- NOTES:
- REFER TO SECTION 233723 FOR ADDITIONAL REQUIREMENTS.
 - PROVIDE FACTORY-FABRICATED ROOF CURB. COORDINATE EXACT LOCATION OF ROOF OPENINGS AND STRUCTURAL SUPPORT. REFER TO ARCH FOR ROOF PITCH.
 - DAMPER LOCATED AT RELIEF / OUTDOOR AIR DUCT CONNECTION TO AIR HANDLING UNIT.
 - FOR PITCHED ROOFS, SCHEDULED MAX HEIGHT IS FROM ROOF SURFACE AT HIGH ROOF SIDE OF CURB TO TOP OF HOOD.
 - PROVIDE FACTORY FABRICATED ROOF CURB ADAPTOR FOR INSTALLATION ON EXISTING ROOF CURB.
 - REFER TO PLANS FOR LOCATION OF REMOTE DAMPER.

KITCHEN HOOD AIR BALANCE SCHEDULE

EQUIP. TAG	DESCRIPTION / SERVES	AIR STREAM	AIRFLOWS AT EACH OPERATING CONDITION (CFM)	
			KEF-1 OFF, EF-1 ON	KEF-1 ON, EF-1 OFF
KEF-1	GREASE HOOD EXHAUST / KITCH D118 HOODS H-1 & H-2	EXHAUST	0	(4,000)
EF-1	KITCHEN GENERAL EXHAUST	EXHAUST	(1,500)	0
EF-5	BOYS D109 / GIRLS D105	EXHAUST	(700)	(700)
EF-2	KITCHEN MISC ROOMS	EXHAUST	(460)	(460)
AHU-2	KITCHEN AIR DINING / HANDLING UNIT MIN OA	OUTDOOR AIR	2,900	5,400
NET POSITIVE AIRFLOW BALANCE			240	240

- NOTES:
- REFER TO 230593 TESTING ADJUSTING AND BALANCING FOR ADDITIONAL REQUIREMENTS.
 - MANUALLY BALANCE AHU OUTDOOR AIRFLOW CFMS UNDER EACH SCHEDULED CONDITION DURING FINAL TAB PROCESS.
 - MAINTAINING SPACE PRESSURE +0.03" W.C. RELATIVE TO OUTDOOR AMBIENT SHALL HAVE PRIORITY OVER MAINTAINING NET POSITIVE AIRFLOWS SCHEDULED.
 - OUTDOOR AIR FLOW RATES SCHEDULED ARE DESIGN MINIMUMS REQUIRED FOR HOOD MAKE-UP.
 - REFER TO SEQUENCE OF OPERATION FOR EACH PIECE OF EQUIPMENT FOR ADDITIONAL INFORMATION.

ENERGY RECOVERY SCHEDULE

MARK	SERVICE	TYPE	MANUFACTURER / MODEL	COOLING PEAK RECOVERY PERFORMANCE				HEATING PEAK RECOVERY PERFORMANCE				FILTRATION												
				FRESH/SUPPLY AIRSTREAM		RETURN/EXHAUST AIRSTREAM		FRESH/SUPPLY AIRSTREAM		RETURN/EXHAUST AIRSTREAM		PLATE EA												
				AIR FLOW (CFM)	MAX APD (IN WG)	EAT (F)	LAT (F)	AIR FLOW (CFM)	MAX APD (IN WG)	EAT (F)	LAT (F)	TYPE & THICKNESS	MAX. VELOCITY (FPM)	INITIAL APD (IN WG)	FINAL APD (IN WG)	EFF. (MERV)								
ERU-1	AHU-1 (LOCKER ROOMS)	ENTHALPY FIXED PLATE	SEE AHU SCHEDULE	2,800	0.75	82.5 / 80.0	80.5 / 78.1	96.4 / 76.2	84.3 / 73.0	2,500	0.75	75.0 / 62.5	2,800	0.75	21.2	49.3	2,500	0.75	70.0	2" PLEATED PANEL	400	0.5	1.0	8

- NOTES:
- REFER TO SECTION 237200 FOR EFFECTIVENESS AND ADDITIONAL REQUIREMENTS.
 - ENERGY RECOVERY MODULE INTEGRAL TO AIR HANDLING UNIT. REFER TO AIR HANDLING UNIT SCHEDULE FOR ADDITIONAL INFORMATION.
 - REFER TO AHU SCHEDULE FOR PLATE SA FILTER REQUIREMENTS.

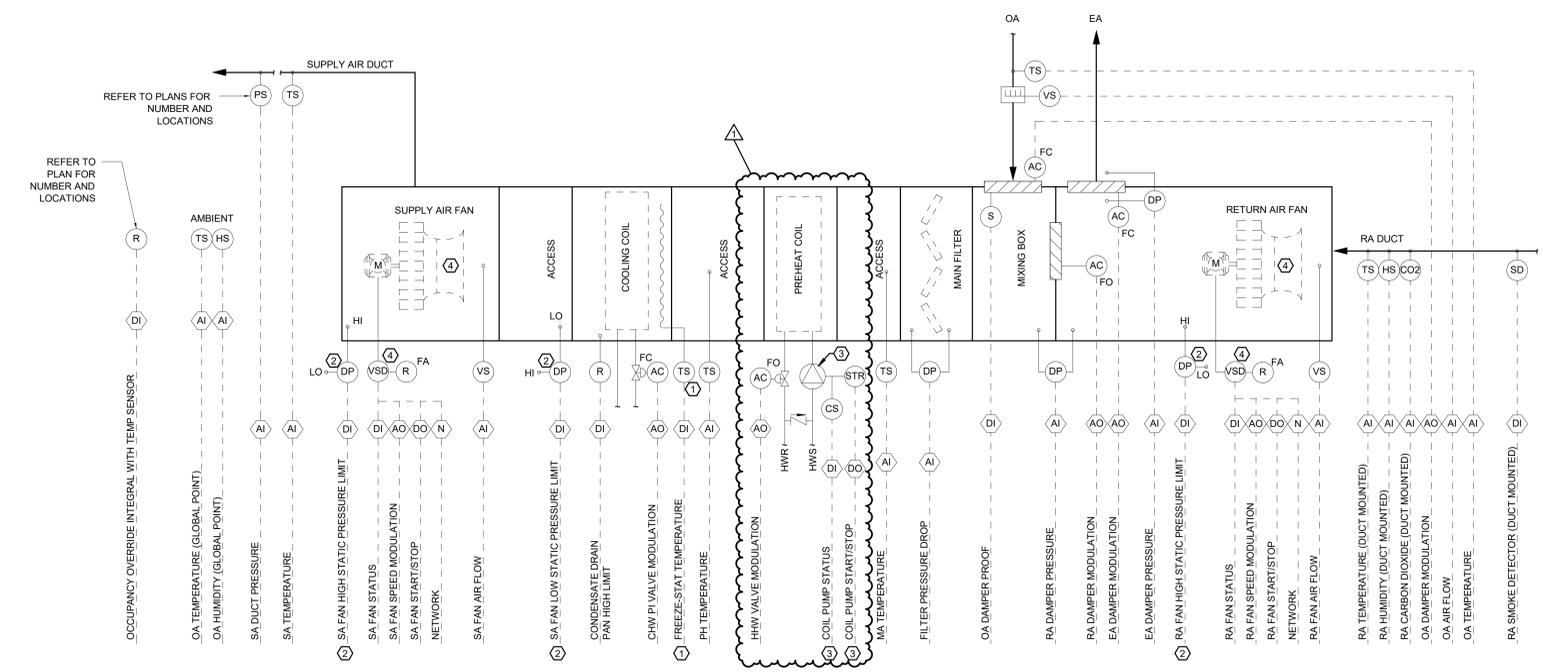
AIR HANDLING UNIT SCHEDULE (FURNISHED UNDER SEPARATE CONTRACT)

MARK	SERVICE	TYPE	MANUFACTURER / MODEL	AHU-1				AHU-2				AHU-3				AHU-4			
				AIR FLOW (CFM)	MOTOR (HP)	VOLTAGE/PHASE	EAT (F)	LAT (F)	CAPACITY (MBH)	EWT (F)	LWT (F)	FLOW (GPM)	MAX. WPD (FT H2O)	PIPE SIZE (INCHES)	CONTROL VALVE	MIN. CAP (KW)	VOLTAGE/PHASE	NOTES	
ERU-1	LOCKER ROOMS	PLENUM	DAIKIN / CAH007	2,800	3.3	277/1	5.0	277/1	1,2,3,4,6										
ERU-1	KITCHEN DINING	PLENUM	DAIKIN / CAH 020	2,800	3.3	277/1	5.0	277/1	1,2,3,4,6										
ERU-1	ADMIN/MEDIA	PLENUM	DAIKIN / CAH 025	2,800	3.3	277/1	5.0	277/1	1,2,3,4,6										
ERU-1	CLASSROOM WING	PLENUM	DAIKIN / CAH 065	2,800	3.3	277/1	5.0	277/1	1,2,3,4,6										
COIL FLOW (CFM)				2,800	2,800	2,800	2,800												
EAT (Fdb/Fwb)				96.4 / 76.1	88.3 / 71.4	80.0 / 66.0	79.7 / 65.7												
LAT (Fdb/Fwb)				52.0 / 51.5	52.0 / 51.5	52.0 / 51.5	52.0 / 51.5												
MAX. FACE VELOCITY (FPM)				500	500	500	500												
MAX. APD (IN WG)				1.00	1.00	1.00	1.00												
TOT. CAP. (MBH)				234.4	555.6	522.8	1,236.5												
SENS. CAP. (MBH)				134.3	340.9	362.8	864.8												
EWT (F)				44.0	44.0	44.0	44.0												
LWT (F)				58.0	58.0	58.0	58.0												
FLOW (GPM)				34	80	75	177												
MIN. ROWS				6	8	8	8												
MAX. FINS PER INCH				12	12	12	12												
MAX. WPD (FT)				10	10	10	10												
PIPE SIZE (INCHES)				3	3	3	4												
CONTROL VALVE				2-WAY PI	2-WAY PI	2-WAY PI	2-WAY PI												
COIL FLOW (CFM)				2,800	5,400	6,000	14,500												
EAT (Fdb)				21.2	21.2	44.6	46.1												
LAT (Fdb)				55.0	70.0	70.0	70.0												
MAX. FACE VELOCITY (FPM)				750	750	750	750												
MAX. APD (IN WG)				0.25	0.25	0.25	0.25												
CAPACITY (MBH)				102.7	285.9	165.4	376.0												
EWT (F)				140.0	140.0	140.0	140.0												
LWT (F)				110.0	110.0	110.0	110.0												
FLOW (GPM)				7	19.25	11.25	25.25												
MIN. ROWS				2	2	2	2												
MAX. FINS PER INCH				12	12	12	12												
MAX. WPD (FT)				2	5	2	2												
PIPE SIZE (INCHES)				1.25	2	1.5	2												
CONTROL VALVE				2-WAY PI	2-WAY PI	2-WAY PI	2-WAY PI												
COIL FLOW (CFM)				2,800	-	-	-												
EAT (Fdb)				55.0	-	-													

NO.	DATE	DESCRIPTION
1	Addendum #1 02/03/2025	

KEYNOTES:

- HARDWIRE FREEZE STAT TO SA AND RA FAN.
- HARDWIRE FAN HIGH OR LOW STATIC LIMIT SWITCHES TO ASSOCIATED FANS.
- PREHEAT COIL AT AHU-2 ONLY.
- AHU-4 EQUIPPED WITH TWO SUPPLY FANS AND TWO RETURN FANS, EACH WITH DEDICATED VFD. REFER TO EQUIPMENT SCHEDULE AND FINAL PRE-PURCHASED EQUIPMENT SUBMITTAL.



VAV AHU WITH RETURN FAN CONTROL DIAGRAM (AHU-2, AHU-3, AHU-4)

VFD INTERFACE MATRIX

POINT NAME	HARDWIRED	INTERFACE COM CARD	POINT DISPLAYED ON GUI
VFD COMMAND START/STOP	X	X	HARDWIRED
VFD SPEED COMMAND (%)	X	X	HARDWIRED
FAN PUMP STATUS (VIA VFD)	X	X	HARDWIRED
VFD SPEED FEEDBACK (Hz)		X	COM
FAN PUMP ALARM (COMMAND/STATUS MISMATCH)		X	COM
VFD FAULT STATUS		X	COM
VFD FAULT RESET		X	COM
VFD POWER (KW)		X	COM
TIME STAMP		X	COM

- NOTES:**
- PROVIDE DIRECT INTERFACE TO VFD. MAP ALL AVAILABLE POINTS TO THE BAS. HARDWIRED INDICATED POINTS. DISPLAY HARDWIRED POINTS AND VFD ALARMS ON EQUIPMENT GRAPHIC. ALL OTHER (INTERFACE) POINTS MAY BE DISPLAYED ON A GRAPHIC.
 - FOR FAN ARRAYS, PROVIDE FAN STATUS FOR EACH FAN.

VAV AHU WITH RETURN AIR FAN CONTROL

DESCRIPTION: VARIABLE VOLUME AIR HANDLING UNITS WITH RETURN AIR FANS, CHILLED WATER COILS AND HEATING WATER COILS. THESE AIR HANDLING UNITS SERVING MULTIPLE TEMPERATURE CONTROL ZONES, EACH WITH A TERMINAL UNIT.

A. OPERATIONAL MODES

- OCCUPIED MODE:** SWITCH TO OCCUPIED MODE BASED ON OCCUPANCY SCHEDULE.
- UNOCCUPIED MODE:** SWITCH TO UNOCCUPIED MODE BASED ON OCCUPANCY SCHEDULE. CYCLE ON BASED ON 10% REQUESTS FOR ZONE HEATING AND COOLING AND RUN FOR 30 MINUTES MINIMUM. CYCLE OFF BASED ON SATISFYING 95% OF ZONES.
- PRE-OCCUPIED MODE:** SWITCH TO PRE-OCCUPIED (WARM-UP / COOL-DOWN) MODE BASED ON THE OCCUPANCY SCHEDULE AND AN INTERVAL DERIVED FROM BAS OPTIMIZATION LOGIC THAT USES THE SYSTEM'S HISTORY OF OUTSIDE AIR TEMPERATURES VERSUS TIME NEEDED TO SATISFY 95% OF THE OCCUPIED ZONE TEMPERATURE SET POINTS. OPTIMIZATION LOGIC SHALL HAVE A DEFAULT VALUE OF 2 HOURS.
- SHUTDOWN MODE:** SWITCH TO SHUTDOWN MODE BASED ON AUTOMATIC SAFETY FUNCTION, REMOTE OVERRIDE, OR MANUAL OVERRIDE CONTROL.

B. OVERRIDE MODES

- MANUAL OVERRIDE MODE:** SWITCH TO OCCUPIED MODE BASED ON MANUAL ACTIVATION OF ANY ONE OCCUPANT OVERRIDE SWITCH LOCATED ON SPACE TEMPERATURE SENSOR(S). SWITCH BACK TO OCCUPIED, UNOCCUPIED OR PRE-OCCUPIED MODE BASED ON OCCUPANCY SCHEDULE WHEN OVERRIDE TIME OF 60 MINUTES EXPIRES.
- REMOTE OVERRIDE MODE:** SWITCH TO OCCUPIED, UNOCCUPIED OR PRE-OCCUPIED MODE BASED ON BAS OPERATOR COMMAND. SWITCH BACK TO OCCUPIED, UNOCCUPIED OR PRE-OCCUPIED MODE BASED ON OCCUPANCY SCHEDULE WHEN OVERRIDE IS REMOVED.

C. VERIFICATION MODES

- CHILLED WATER PLANT:** ENABLE ASSOCIATED COOLING SEQUENCES UPON VERIFICATION CHILLED WATER IS AVAILABLE.
- HEATING WATER PLANT:** ENABLE ASSOCIATED HEATING SEQUENCES UPON VERIFICATION HEATING WATER IS AVAILABLE.

D. TEMPERATURE CONTROL MODES

- COOLING MODE:** WHEN AHU IS IN COOLING OR ECONOMIZER COOLING MODES, INITIATE AHU COOLING.
- HEATING MODE:** WHEN AHU IS IN HEATING MODE, INITIATE AHU HEATING.

E. DEHUMIDIFICATION MODE

- UPON A RISE IN HUMIDITY LEVEL ABOVE 56% (ADJ.) AND UNTIL RELATIVE HUMIDITY DROPS TO 50% (ADJ.), AS SENSED BY THE RETURN DUCT HUMIDITY SENSOR, THE COOLING COIL CONTROL VALVE SHALL MODULATE TO PROVIDE 50F DISCHARGE AIR TEMPERATURE. THE UNIT FAN SPEED, TERMINAL BOX POSITION AND REHEAT COIL CONTROL VALVE SHALL BE MODULATED TO MAINTAIN SPACE TEMPERATURE 1 DEG LOWER THAN COOLING SETPOINT. IN UNOCCUPIED MODE, UPON A RISE IN HUMIDITY LEVEL ABOVE 60% (ADJ.) AT ANY ASSOCIATED ZONE SPACE SENSOR, AND UNTIL RELATIVE HUMIDITY DROPS TO 55% (ADJ.) AT ALL ASSOCIATED ZONE SPACE SENSORS, UNIT SHALL BE IN DEHUMIDIFICATION MODE.

F. ENERGY CONSERVATION MODES

- ECONOMIZER MODE:** IF OA ENTHALPY IS LESS THAN RA ENTHALPY AND OA TEMPERATURE IS LESS THAN 65F (ADJ.), ENABLE "FREE COOLING". DISABLE VENTILATION DEMAND CONTROL WHEN ECONOMIZER MODE IS ACTIVE. MONITOR MIXED AIR TEMP TO MAINTAIN A SET POINT OF 55F (ADJ.). IF MIXED AIR TEMP DROPS BELOW 53F (ADJ.) WHEN OUTSIDE AIR TEMPERATURE IS BELOW 55F (ADJ.), MODULATE OUTSIDE AIR DAMPER BACK TOWARD DEMAND CONTROL MINIMUM VENTILATION AIRFLOW. AT DEMAND CONTROL MINIMUM VENTILATION AIRFLOW, SWITCH OUT OF ECONOMIZER CONTROL. WHEN OUTSIDE AIR TEMP IS LESS THAN 60F (ADJ.), AND ECON DAMPERS ARE AT 100%, MECHANICAL COOLING SHALL BE ALLOWED TO OPERATE TO MAINTAIN LEAVING AIR TEMPERATURE SETPOINT. IF RA HUMIDITY RISES ABOVE SETPOINT, MODULATE OUTSIDE AIR DAMPER BACK TOWARD DEMAND CONTROL MINIMUM VENTILATION AIRFLOW. AT DEMAND CONTROL VENTILATION AIRFLOW, SWITCH OUT OF ECONOMIZER CONTROL.
- DEMAND CONTROL VENTILATION (DOES NOT APPLY TO AHU-1):** MONITOR CO2 LEVELS IN RA. IF THE RETURN AIR CO2 RISES TO 900 PPM (500PPM ABOVE AMBIENT 400PPM), OA VENTILATION SHALL BE INCREASED FROM THE DEMAND CONTROL MINIMUM VENTILATION AIR FLOW IN 25% INCREMENTS (ADJ.) EVERY 15 MINUTES (ADJ.) TOWARD THE DESIGN MAX VENTILATION AIRFLOW UNTIL THE CO2 LEVEL DROPS BELOW THE SEPOINT.

G. SUPPLY AIR FAN CONTROL

- OCCUPANCY MODES:** START (TIME DELAY) UPON INITIATION OF PRE-OCCUPIED MODE AND CONTINUE TO RUN THROUGHOUT OCCUPIED MODE. SA FAN VFD SHALL MODULATE SPEED TO MAINTAIN DUCT STATIC PRESSURE SET POINT(S). STOP UPON INITIATION OF UNOCCUPIED MODE AND CYCLE ON (TIME DELAY) AND OFF THROUGHOUT UNOCCUPIED MODE BASED ON HEATING / COOLING DEMAND.
- SHUTDOWN MODE:** STOP SUPPLY AND RETURN FANS UPON INITIATION OF SHUTDOWN.

H. DUCT STATIC PRESSURE SET POINT RESET CONTROL:

RESET DUCT STATIC PRESSURE SET POINT(S) HIGHER OR LOWER BETWEEN MAXIMUM AND MINIMUM SET POINTS BASED ON BAS OPTIMIZATION LOGIC THAT USES THE TERMINAL UNIT AIR DAMPER POSITIONS. SET POINT(S) SHALL BE INCREASED TO MAINTAIN ALL DAMPERS AT LESS THAN 95% OPEN. SET POINT(S) SHALL BE DECREASED TO MAINTAIN MINIMUM OF ONE DAMPER AT NO LESS THAN 90% OPEN. INITIAL AND MINIMUM SET POINTS SHALL BE RECOMMENDED BY THE TAB CONTRACTOR AND APPROVED BY THE ENGINEER. MAXIMUM SET POINTS SHALL BE EQUAL TO THE INITIAL SET POINTS PLUS 0.50 INCHES WG. RESET SET POINT IN 15 MINUTE INCREMENTS.

I. RETURN FAN CONTROL: WHENEVER THE FAN IS ENERGIZED AND THE UNIT IS OPERATING IN THE OCCUPIED MODE, BAS SHALL CONTROL THE SPEED OF THE VFD BASED ON A TRACKING ALGORITHM AS DEFINED BELOW.

1. TAB CONTRACTOR SHALL DETERMINE THE FOLLOWING 4 VALUES:

- SUPPLY FAN MAX:** THE SPEED AT WHICH THE SUPPLY FAN WILL TYPICALLY OPERATE WHEN ALL CONNECTED TERMINAL UNITS ARE AT THEIR MAXIMUM FLOW SETPOINTS
- SUPPLY FAN MIN:** THE SPEED AT WHICH THE SUPPLY FAN WILL TYPICALLY OPERATE WHEN ALL CONNECTED TERMINAL UNITS ARE AT THEIR MINIMUM FLOW SETPOINTS
- RETURN FAN MAX:** THE SPEED AT WHICH THE RETURN FAN WILL TYPICALLY NEED TO OPERATE WHEN ALL CONNECTED TERMINAL UNITS ARE AT THEIR MAXIMUM FLOW SETPOINTS
- RETURN FAN MIN:** THE SPEED AT WHICH THE RETURN FAN WILL TYPICALLY NEED TO OPERATE WHEN ALL CONNECTED TERMINAL UNITS ARE AT THEIR MINIMUM FLOW SETPOINTS

2. THE BAS SHALL MODULATE THE RETURN FAN SPEED AS FOLLOWS:

- WHEN THE SPEED OF THE SUPPLY FAN IS LESS THAN THE SUPPLY FAN MIN VALUE, THE RETURN FAN SPEED SHALL BE THE OUTPUT OF A LINEAR RESET LOOP THAT IS RESET FROM 0% TO THE RETURN FAN MIN VALUE AS THE SUPPLY FAN SPEED INCREASES FROM 0% TO THE SUPPLY FAN MIN VALUE.
- WHEN THE SPEED OF THE SUPPLY FAN IS GREATER THAN THE SUPPLY FAN MIN VALUE BUT NOT GREATER THAN THE SUPPLY FAN MAX VALUE, THE RETURN FAN SPEED SHALL BE THE OUTPUT OF A LINEAR RESET LOOP THAT IS RESET FROM THE RETURN FAN MIN VALUE TO THE RETURN FAN MAX VALUE AS THE SUPPLY FAN SPEED INCREASES FROM THE SUPPLY FAN MIN VALUE TO THE SUPPLY FAN MAX VALUE.
- WHEN THE SPEED OF THE SUPPLY FAN IS GREATER THAN THE SUPPLY FAN MAX VALUE, THE RETURN FAN SPEED SHALL BE THE OUTPUT OF A LINEAR RESET LOOP THAT IS RESET FROM THE RETURN FAN MAX VALUE TO 100% AS THE SUPPLY FAN SPEED INCREASES FROM THE SUPPLY FAN MAX VALUE TO 100%. NOTE THAT THIS STAGE WILL NOT APPLY IF SUPPLY FAN MAX VALUE OR THE RETURN FAN MAX VALUE EQUALS 100%. THE RETURN FAN SPEED SHALL BE LIMITED SO THAT IT IS NEVER COMMANDED TO A SPEED THAT IS ABOVE OR 20% (ADJ.) BELOW THE SPEED OF THE SUPPLY FAN.

- ON START AND STOP, THE VFD SHALL RAMP TO SPEED AND SLOW DOWN WITHIN ADJUSTABLE ACCELERATION AND DECELERATION LIMITS.
- DURING UNOCCUPIED MODE OF OPERATION, THE RETURN FAN SPEED SHALL BE SET TO THE SAME AS THE SUPPLY FAN SPEED.

J. DAMPER CONTROL:

1. HEATING OR COOLING:

- MODULATE OA DAMPER TO MAINTAIN OA FLOW SET POINT AS SENSED BY AIRFLOW MONITORING STATION UPON INITIATION OF OCCUPIED MODE. OA DAMPER CONTROL SHALL NOT BE ENABLED UNTIL 5 MINUTES (ADJ.) AFTER SUPPLY FAN STATUS HAS BEEN PROVEN ON.
- MODULATE RA DAMPER TO MAINTAIN PRESSURE DIFFERENTIAL SET POINT OF +0.050-INCHES WG AS SENSED BY THE DIFFERENTIAL PRESSURE SENSOR INSTALLED ACROSS THE RETURN DAMPER.
- WHEN RELIEF AIR IS REQUIRED, MODULATE RELIEF AIR DAMPER BETWEEN 0% AND 100% OPEN TO MAINTAIN PRESSURE DIFFERENTIAL SET POINT RANGE -0.075 TO +0.125 INCHES WG AS SENSED BY THE DIFFERENTIAL PRESSURE SENSOR INSTALLED ACROSS THE RELIEF DAMPER.

2. ECONOMIZER:

- MODULATE OA, RA & EA DAMPERS IN COORDINATION WITH A PID LOOP TO MAINTAIN MIXED AIR TEMPERATURE SETPOINT. ECONOMIZER LOGIC SHALL REMAIN ENABLED DURING SETBACK COOLING, WHERE APPLICABLE. THE DAMPERS SHALL MODULATE OPEN PER THE HIGHER OF THE ECONOMIZER PID LOOP OUTPUT AND:
 - MINIMUM OA FLOW CONTROL OUTPUT (FOR OA & RA DAMPERS ONLY)
 - RELIEF CONTROL OUTPUT (FOR EA DAMPER)

3. DEMAND CONTROL VENTILATION:

- LINEARLY RESET THE ACTIVE OA AIRFLOW SETPOINT FROM DEMAND CONTROL MINIMUM VENTILATION AIRFLOW TO DESIGN MAXIMUM VENTILATION AIRFLOW BASED ON DIFFERENCE BETWEEN INDOOR AND BACKGROUND (400 PPM) CO2 LEVELS. WHEN ECONOMIZER IS ENABLED, IT SHALL HAVE PRIORITY OVER THE DAMPER POSITION AND CO2 CONTROL SHALL NOT BE ACTIVE.
- THE MINIMUM OA REQUIREMENTS SHALL BE SPECIFIED BY THE ENGINEER (REFER TO AHU SCHEDULE). DAMPER POSITIONS ESTABLISHED BY THE AIR BALANCER, AND BAS PROGRAMMED BY THE BAS CONTRACTOR. ENGINEER SHALL ENSURE THAT SPECIFIED MINIMUM SETPOINTS ARE ADEQUATE TO MAINTAIN BUILDING PRESSURE SLIGHTLY POSITIVE AT ALL TIMES.

4. UNOCCUPIED / PRE-OCCUPIED MODE:

- CLOSE OUTSIDE AIR DAMPER AND RELIEF AIR DAMPER AND OPEN RETURN AIR DAMPER TO 100%, UNLESS ECONOMIZER IS FAVORABLE.

5. SHUTDOWN:

- SET DAMPERS TO THEIR NORMAL POSITION AS FOLLOWS:
 - RETURN DAMPER - OPEN
 - RELIEF DAMPER - FAIL IN PLACE
 - OUTSIDE DAMPER - CLOSED

K. CHILLED WATER COIL CONTROL (FAIL CLOSED):

- ON A RISE IN DISCHARGE SUPPLY AIR TEMPERATURE ABOVE SETPOINT MODULATE COOLING COIL OPEN TO MAINTAIN SETPOINT OF 55F.
- IF OUTSIDE AIR TEMP IS BELOW 55F (ADJ.), DISABLE COOLING COIL.

L. HEATING WATER PREHEAT COIL CONTROL (FAIL OPEN)

- ON A DROP IN DISCHARGE SUPPLY AIR TEMPERATURE BELOW SETPOINT MODULATE HEATING COIL OPEN TO MAINTAIN SETPOINT OF 55F.
- IF OUTSIDE AIR TEMP IS ABOVE 50F (ADJ.), DISABLE PREHEAT COIL.

M. PREHEAT COIL PUMP CONTROL (AHU-2 ONLY)

- START PUMP WHEN ENTERING AIR TEMPERATURE DROPS BELOW 40°F.
- STOP PUMP WHEN EAT RISES ABOVE 44°F.
- ALARM BAS WHEN PREHEAT COIL PUMP FAILS TO OPERATE 2 MINUTES AFTER COMMAND TO START.

N. AIR FILTER STATUS CONTROL: ALARM BAS WHEN PRESSURE DROP ACROSS FILTER BANK IS GREATER THAN SET POINT OF 1.75-INCH W.G. (ADJ.)

O. TERMINAL BOX CONTROL

- OCCUPANCY MODES:** ENABLE TERMINAL BOX CONTROL UPON INITIATION OF PRE-OCCUPIED MODE AND CONTINUE THROUGH OCCUPIED MODE. DISABLE UPON INITIATION OF UNOCCUPIED MODE AND ENABLE / DISABLE THROUGHOUT UNOCCUPIED MODE BASED ON HEATING / COOLING DEMAND.
- SHUTDOWN MODE:** DISABLE TERMINAL BOX CONTROL.

P. SAFETY & SHUTDOWN:

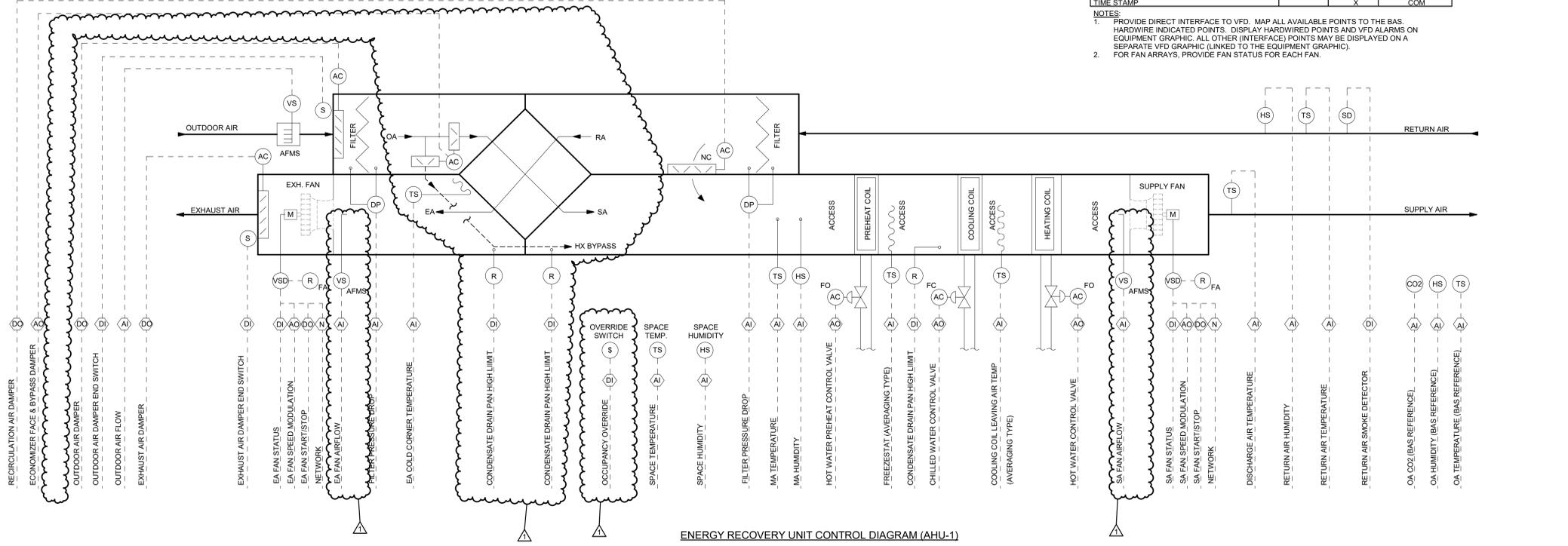
- SMOKE DETECTION CONTROL:** INITIATE AHU SHUTDOWN MODE AND ALARM BAS WHEN FIRE ALARM SYSTEM SENDS SIGNAL BASED ON SMOKE AT ANY ONE OF THE DUCT-MOUNTED SMOKE DETECTORS OR BASED ON A GENERAL BUILDING ALARM.
- FREEZE PROTECTION:** INITIATE FREEZE PROTECTION MODE AND ALARM BAS WHEN SA DISCHARGE TEMPERATURE DROPS BELOW 42F (ADJ.). AUTOMATICALLY RESET WHEN SA DISCHARGE TEMPERATURE RISES ABOVE 47F (ADJ.).
- FREEZE SHUTDOWN:** HARD-WIRE TO AHU FAN RELAYS, INITIATE AHU SHUTDOWN MODE, AND ALARM BAS WHEN ENTERING AIR TEMPERATURE AT CHILLED WATER COIL FACE DROPS BELOW 37F (ADJ.) AT ANY 12-INCH SECTION OF THE SENSOR PROBE. MANUALLY RESET. OPEN ALL COIL CONTROL VALVES.
- CONDENSATE LEVEL SHUTDOWN CONTROL:** INITIATE AHU SHUTDOWN MODE AND ALARM BAS WHEN CONDENSATE DRAIN PAN HIGH-LEVEL SWITCH INDICATES HIGH-LEVEL.
- FAN PROTECTION CONTROL:** STOP FANS, INITIATE AHU SHUTDOWN MODE, AND ALARM BAS WHEN ANY OF THE HIGH OR LOW PRESSURE SWITCHES ARE TRIPPED.
- GENERAL ALARMS CONTROL:** ALARM BAS OF THE FOLLOWING CONDITIONS:
 - FAN FAILURES
 - FAILURES TO MEET SET POINT TEMPERATURES WITHIN 15 MINUTES (ADJ.)



Table with 2 columns: Revision Number, Description. Row 1: 1 Addendum #1 02/03/2025

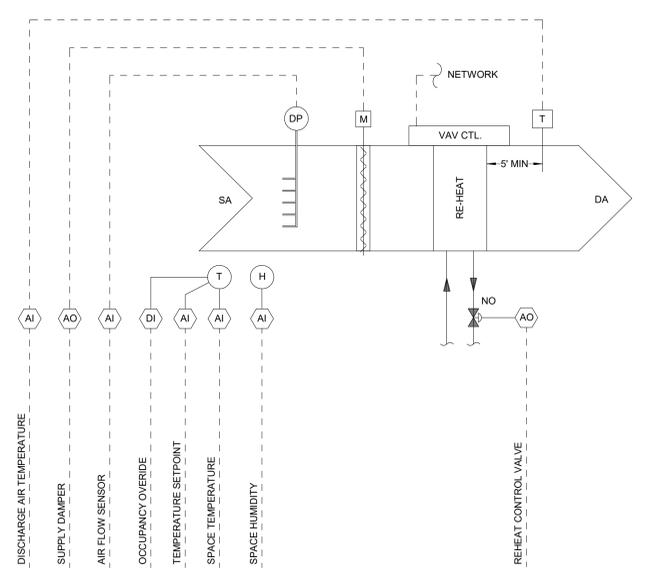
VFD INTERFACE MATRIX table with columns: POINT NAME, HARDWIRED, INTERFACE COM CARD, POINT DISPLAYED ON GLI. Rows include VFD COMMAND START/STOP, VFD SPEED COMMAND (%), FAN/PUMP STATUS (VIA VFD), etc.

NOTES: 1. PROVIDE DIRECT INTERFACE TO VFD. MAP ALL AVAILABLE POINTS TO THE BAS. HARDWARE INDICATED POINTS. DISPLAY HARDWIRED POINTS AND VFD ALARMS ON SEPARATE VFD GRAPHIC LINKED TO THE EQUIPMENT GRAPHIC. 2. FOR FAN ARRAYS, PROVIDE FAN STATUS FOR EACH FAN.



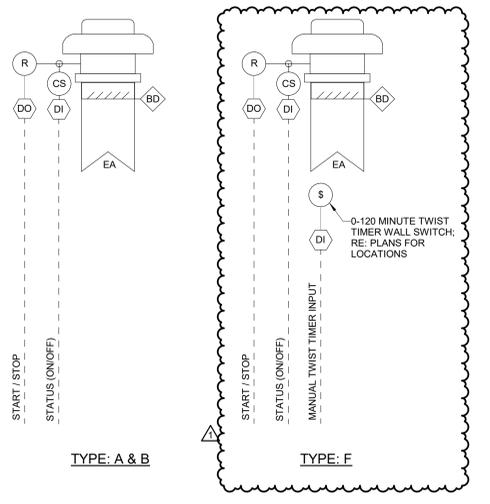
ENERGY RECOVERY UNIT CONTROL DIAGRAM (AHU-1)

ENERGY RECOVERY UNIT CONTROL DESCRIPTION: CONSTANT VOLUME 100% OA AIR HANDLING UNIT WITH FLAT PLATE TOTAL ENERGY RECOVERY MODULE, HW & CHW COILS. A. OCCUPIED PERIOD: 1. AIR HANDLING UNIT SUPPLY FAN AND EXHAUST FAN SHALL BE STARTED AND STOPPED BY THE BAS UNDER A SCHEDULE. THE SUPPLY FAN SHALL START WITH THE RECIRCULATION DAMPER OPEN AND THE OA AND EA DAMPERS CLOSED. WHEN THE UNIT ENTERS THE OCCUPIED MODE, THE OA AND EA DAMPERS SHALL OPEN, THE EXHAUST FAN SHALL START, AND THEN THE RECIRCULATION DAMPER SHALL CLOSE. THIS SCHEDULE SHALL BE MODIFIED BY A START TIME OPTIMIZATION PROGRAM. 2. DURING OCCUPIED MODE, OA AND EA DAMPERS SHALL REMAIN OPEN AND THE RECIRCULATION DAMPER SHALL REMAIN CLOSED. SA AND EA FANS SHALL RUN CONTINUOUSLY TO VENTILATE THE SPACE. VARIABLE FREQUENCY DRIVE SPEEDS SHALL MAINTAIN THEIR SCHEDULED AIRFLOWS AS SENSORS BY THEIR RESPECTIVE FAN INLET STATIC PRESSURE SENSORS. 3. THE UNIT SHALL BE IN CORE DEFROST MODE WHEN THE OUTSIDE AIR TEMPERATURE IS LESS THAN 35°F (ADJ.) AND WHEN OUTSIDE AIR ENTHALPY IS LESS THAN 28 BTU/LB. 4. SPACE TEMPERATURE CONTROL: FOUR SPACE TEMPERATURE SETPOINTS SHALL APPLY. NORMAL HEATING (70°F ADJ.), NORMAL COOLING (75°F ADJ.), SETBACK HEATING (62°F ADJ.), AND SETBACK COOLING (80°F). THE THREE ADJUSTABLE VALUES SHALL BE THE ONLY VALUES CHANGED BY THE OPERATOR TO ADJUST SPACE TEMPERATURE SETPOINT. ALL OTHER DEADBANDS, DIFFERENTIALS, ETC. SHALL BE CALCULATED IN THE PROGRAM LOGIC (UNLESS ANOTHER MEANS IS PROVIDED TO PROHIBIT OVERLAP OF THE HEATING AND COOLING LOOPS AND ENSURE A DEAD BAND SUCH AS FUNCTION BLOCK TEMPLATES THAT RESTRICT THE SETPOINT INPUT). 5. COOLING VALVE: CHW CONTROL VALVE SHALL MODULATE VIA PID LOOP AS REQUIRED TO MAINTAIN SPACE TEMPERATURE AT THE COOLING SETPOINT. 6. HEATING VALVES - HEATING OPERATION: STARTING WITH HW PREHEAT VALVE, MODULATE HW PREHEAT AND HW HEATING VALVES IN SEQUENCE VIA PID LOOP AS REQUIRED TO MAINTAIN SPACE TEMPERATURE AT THE HEATING SETPOINT. 7. DEHUMIDIFICATION: a. A DEHUMIDIFICATION LOOP SHALL ENABLED WHENEVER 1. THE RETURN AIR HUMIDITY IS ABOVE SETPOINT. 2. THE UNIT IS NOT IN MORNING WARMUP OR NIGHT SETBACK MODE. 3. UNIT FAN STATUS IS PROVEN ON. b. UPON A RISE IN RA HUMIDITY LEVEL ABOVE 65% RH (ADJ.) AND UNTIL RA HUMIDITY LEVEL DROPS TO 55% RH, THE COOLING COIL CONTROL VALVE SHALL MODULATE TO PROVIDE 50°F LEAVING AIR TEMPERATURE. THE REHEAT COIL CONTROL VALVE SHALL BE MODULATED TO MAINTAIN SPACE TEMPERATURE 1°F LOWER THAN THE COOLING SETPOINT. 8. ECONOMIZER OPERATION (HX FACE & BYPASS DAMPER CONTROL): WHEN THE SPACE THERMOSTAT CALLS FOR COOLING, THE HEAT EXCHANGER FACE AND BYPASS DAMPERS SHALL SWITCH FROM ENERGY RECOVERY POSITION TO BYPASS POSITION TO PROVIDE "FREE COOLING" ECONOMIZER OPERATION WHENEVER: a. THE UNIT IS ENERGIZED AND STATUS HAS BEEN PROVEN FOR AT LEAST 60 SECONDS (ADJ.) AND b. WHEN OUTSIDE AIR TEMPERATURE FALLS BELOW THE SWITCHING SETPOINT OF 55°F (ADJ.) WITH 1°F (ADJ.) CYCLE DIFFERENTIAL, AND c. WHEN OUTSIDE AIR TEMPERATURES ARE ABOVE 52°F (ADJ.) WITH 1°F (ADJ.) CYCLE DIFFERENTIAL. 9. CORE DEFROST CONTROL: WHEN THE EXHAUST AIR TEMPERATURE IS SENSED AT THE HEAT EXCHANGER COLD CORNER FALLS BELOW 35°F (ADJ.), THE UNIT SHALL ENTER CORE DEFROST MODE. THE CORE FACE AND BYPASS DAMPERS SHALL MODULATE IN SEQUENCE TO BYPASS THE CORE IN A PID LOOP AS REQUIRED TO MAINTAIN THE COLD CORNER AT 35°F (ADJ.). WHEN THE CORE FACE AND BYPASS DAMPERS REMAIN FULLY OPEN TO THE CORE FOR A PERIOD OF 5 MINUTES (ADJ.), AND THE COLD CORNER TEMPERATURE IS GREATER THAN 35°F (ADJ.), CORE DEFROST MODE SHALL TERMINATE AND CORE FACE AND BYPASS DAMPER CONTROL SHALL RETURN TO NORMAL OPERATION. 10. AT THE END OF THE OCCUPIED PERIOD, SUPPLY AND EXHAUST FAN SHALL STOP AND THEIR RESPECTIVE O.A. AND E.A. DAMPERS SHALL FULLY CLOSE AND THE RECIRCULATION DAMPER SHALL OPEN. B. UNOCCUPIED PERIOD: 1. SUPPLY AND EXHAUST FANS ARE OFF, O.A. AND E.A. DAMPERS ARE CLOSED, RECIRCULATION AIR DAMPER IS OPEN. 2. UNOCCUPIED LOW LIMIT: WHEN THE SPACE TEMPERATURE DROPS BELOW THE UNOCCUPIED HEATING SETPOINT OF 62°F, THE SUPPLY AND EXHAUST AIR FAN SHALL START, THE O.A. AND E.A. DAMPERS SHALL REMAIN CLOSED, THE RECIRCULATION DAMPER SHALL REMAIN OPEN, THE HEATING HOT WATER SYSTEM SHALL ENTER HEATING MODE AND THE HEATING COIL CONTROL VALVES SHALL MODULATE OPEN IN SEQUENCE TO MAINTAIN THE UNOCCUPIED HEATING SETBACK TEMPERATURE SETPOINT. 3. UNOCCUPIED HIGH LIMIT: WHEN THE SPACE TEMPERATURE RISES ABOVE THE UNOCCUPIED COOLING SETPOINT OF 80°F, THE SUPPLY AND EXHAUST AIR FAN SHALL START, THE O.A. AND E.A. DAMPERS SHALL REMAIN CLOSED, THE RECIRCULATION DAMPER SHALL REMAIN OPEN, THE CHILLED WATER SYSTEM SHALL ENTER COOLING MODE AND THE COOLING COIL CONTROL VALVE SHALL MODULATE OPEN TO MAINTAIN THE UNOCCUPIED COOLING SETBACK TEMPERATURE SETPOINT. C. OCCUPANCY OVERRIDE: WHEN THE OCCUPANCY OVERRIDE BUTTON ON THE ROOM SENSOR IS DEPRESSED MOMENTARILY, THE UNIT SHALL BE INDEXED TO THE OCCUPIED PERIOD FOR 60 MIN. (ADJ.). D. SMOKE DETECTION & AHU SHUTDOWN: 1. UPON DETECTION OF SMOKE IN THE AIR HANDLING SYSTEM BY THE DUCT-MOUNTED EXHAUST AIR SMOKE DETECTOR, AN ALARM CONDITION SHALL BE SENT TO THE BUILDING FIRE ALARM SYSTEM, AND THE AIR HANDLING UNIT SHALL BE SHUT DOWN BY THE BUILDING FIRE ALARM SYSTEM. 2. THE BUILDING FIRE ALARM SYSTEM SHALL PROVIDE ONE DIGITAL OUTPUT TO THE BAS TO INDICATE AN ALARM CONDITION. WIRING FOR THIS ALARM POINT SHALL BE PROVIDED BY THE BAS SUBCONTRACTOR. E. FREEZE PROTECTION: UPON DETECTION OF COOLING COIL ENTERING AIR TEMPERATURE BELOW 45°F THE O.A. AND E.A. DAMPERS SHALL CLOSE AND THE RECIRCULATION AIR DAMPER SHALL OPEN. UPON DETECTION OF DISCHARGE TEMPERATURE BELOW 40°F, THE SUPPLY AND EXHAUST FANS SHALL BE SHUTDOWN, THE CHILLED WATER AND HOT WATER COIL CONTROL VALVES SHALL FULLY OPEN AND AN ALARM CONDITION SHALL BE SENT TO THE BAS.



3 SINGLE DUCT VAV BOX FLOW DIAGRAM Scale: N.T.S.

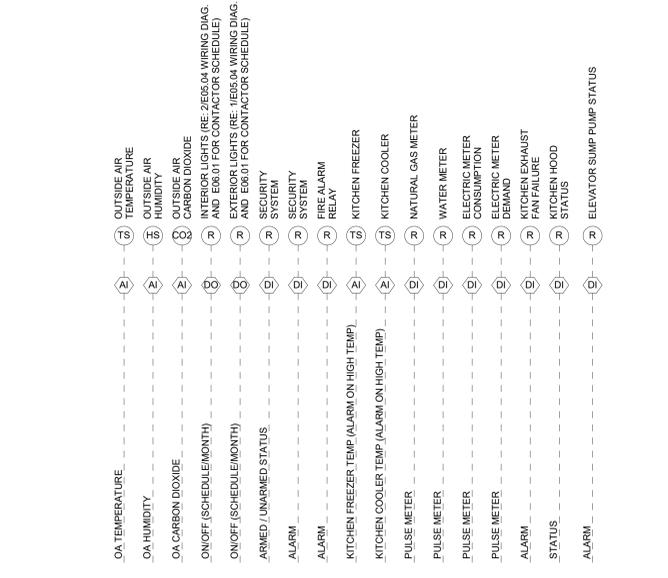
- VARIABLE AIR VOLUME TERMINAL UNIT W/ REHEAT OPERATION A. GENERAL a. THE TERMINAL UNIT SHALL BE PRESSURE INDEPENDENT CONTROL... B. ZONE TERMINAL LOAD CONTROL b. THE TERMINAL UNIT CONTROLLER WILL MONITOR OPERATING MODE... C. PRIMARY AIR DAMPER AND REHEAT a. THE TERMINAL UNIT SHALL OPERATE WITH A MINIMUM FLOW SETPOINT... D. HUMIDITY MONITORING AND DEHUMIDIFICATION a. WHEN ASSOCIATED AHU IS INDEXED TO DEHUMIDIFICATION MODE...



2 EXHAUST FAN FLOW DIAGRAM Scale: N.T.S.

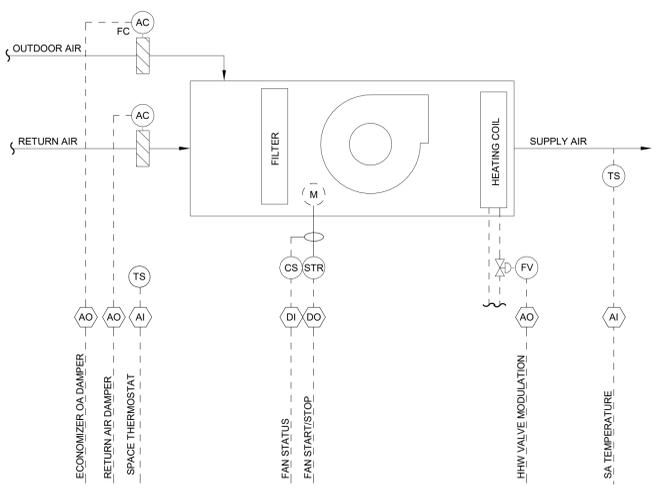
- EXHAUST FAN CONTROL SEQUENCE - BASIC CONTROL TYPES AS SCHEDULED TYPE A - GENERAL EXHAUST FANS SHALL BE CONTROLLED BY THE BAS BASED ON OCCUPANCY... TYPE B - KITCHEN GENERAL EXHAUST FAN (EF-1) REFER TO KITCHEN EXHAUST SYSTEM CONTROL SECTION BELOW... TYPE C - VENTILATION FANS SHALL BE THERMOSTATICALLY CONTROLLED BY LINE-VOLTAGE THERMOSTAT... TYPE D - KITCHEN HOOD EXHAUST FAN (KEF-1) REFER TO KITCHEN EXHAUST SYSTEM CONTROL SECTION BELOW... TYPE F - SCIENCE CLASSROOM EMERGENCY PURGE EXHAUST FAN (EF-18, EF-19) THE EXHAUST FAN SHALL START WHENEVER THE SCIENCE ROOM MANUAL WALL TWIST TIMER IS ACTIVATED...

- DUCTLESS MINI-SPLIT SYSTEM CONTROL SCHEDULED FAN CONTROL: COOL TO MAINTAIN SPACE TEMPERATURE SET POINTS VIA PACKAGED CONTROLS... HW UNIT HEATER CONTROL GENERAL: PROVIDE WALL-MOUNTED ADJUSTABLE THERMOSTAT WITH MANUAL FAN OVERRIDE SWITCH... ELECTRIC UNIT HEATER CONTROL GENERAL: INTEGRAL THERMOSTAT SHALL MAINTAIN SPACE TEMPERATURE SETPOINT BY STARTING THE UNIT HEATER...



1 MISCELLANEOUS CONTROL POINTS Scale: N.T.S.

- MISCELLANEOUS CONTROL SEQUENCES LIGHTING CONTROL: BAS CONTRACTOR SHALL PROVIDE THE SPECIFIED NUMBER OF OUTPUTS FOR LIGHTING CONTROL... SECURITY SYSTEM: BAS SHALL MONITOR AND REPORT THE SECURITY SYSTEM ARMED STATUS AND GENERAL ALARM... FIRE ALARM SYSTEM: BAS SHALL SEND THE APPROPRIATE HVAC SHUTDOWN SIGNALS... KITCHEN WALK-IN FREEZER AND COOLER MONITORING: PROVIDE A WALL MOUNTED TEMPERATURE SENSOR... NATURAL GAS CONSUMPTION: OWNER TO PROVIDE DRY CONTACTS AT GAS METER... DOMESTIC WATER CONSUMPTION: OWNER TO PROVIDE DRY CONTACTS AT WATER METER... ELECTRIC DEMAND AND CONSUMPTION: OWNER TO PROVIDE DRY CONTACTS AT ELECTRIC DEMAND METER... KITCHEN HOOD EXHAUST FAN STATUS: PROVIDE STATUS INPUT TO BAS FROM KITCHEN HOOD MANUFACTURER'S CONTROL PANEL... ELECTRIC UNIT HEATERS: BUILT-IN THERMOSTAT SHALL MAINTAIN ITS SET POINT OF 65F (ADJ) BY STARTING THE UNIT HEATER...



4 BLOWER COIL UNIT CONTROL DIAGRAM (BCU-1) Scale: N.T.S.

- BLOWER COIL UNIT CONTROL SEQUENCE A. SUPPLY FAN: BAS SHALL COMMAND THE FAN TO START AND RUN CONTINUOUSLY DURING THE OCCUPIED PERIOD AND STOP AND CYCLE ON/OFF AS NEEDED DURING THE UNOCCUPIED PERIOD AS SCHEDULED... B. OUTSIDE AIR (OA) RETURN AIR (RA) DAMPERS: BAS SHALL CONTROL THE DAMPERS BASED ON OCCUPANCY SCHEDULE... C. HEATING COIL CONTROL VALVE: HEATING COIL CONTROL VALVE (N.O.) SHALL MODULATE TO MAINTAIN SPACE HEATING SETPOINT OF 70 DEG F DURING OCCUPIED HOURS AND 62 DEG F DURING UNOCCUPIED HOURS... a. FREEZE CONDITION: WHENEVER A FREEZE CONDITION IS INITIATED, HEATING COIL CONTROL VALVES SHALL BE COMMANDED TO 100% OPEN (ADJ.)

GENERAL NOTES - ELECTRICAL

- DEMOLITION WORK SHOWN BOLD AND DASHED. EXISTING TO REMAIN WORK SHOWN LIGHT AND CONTINUOUS.
- NOT ALL ELECTRICAL DEVICES AND EQUIPMENT ARE SHOWN. LOCATIONS AND ASSOCIATED CIRCUITS OF EXISTING DEVICES AND EQUIPMENT SHOWN ARE BASED IN PART UPON PREVIOUS DRAWINGS, FIELD OBSERVATIONS AND INFORMATION FURNISHED BY OTHERS AND SHALL BE CONSIDERED APPROXIMATE. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
- ALL EXISTING DEVICES AND EQUIPMENT SHALL REMAIN IN PLACE AND OPERATIONAL UNO.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CONTINUITY OF ALL EXISTING CIRCUITS AND SYSTEMS TO REMAINING DEVICES AND EQUIPMENT WHICH MAY BE AFFECTED BY AREA OF WORK. MATCH AND EXTEND CONDUIT, CONDUCTORS, CABLES, ETC. AS NECESSARY TO MAINTAIN CIRCUIT INTEGRITY.
- ALL EXISTING RACEWAY AND WIRING THAT ARE TO REMAIN IN THE AREA OF WORK SHALL BE RELOCATED AS REQUIRED TO PROVIDE OR MAINTAIN ACCESSIBILITY AND TO ACCOMMODATE THE PROPOSED CONSTRUCTION. CONTRACTOR SHALL FIELD VERIFY ALL RACEWAY AND WIRING TO REMAIN PRIOR TO COMMENCING WORK. ALL RELOCATION SHALL BE COORDINATED WITH THE OWNER OR OWNER'S REPRESENTATIVE. PROVIDE TEMPORARY CONNECTIONS TO EQUIPMENT AND DEVICES TO MAINTAIN EQUIPMENT AND SYSTEMS IN SERVICE. ALL DOWNTIME REQUIRED FOR INSTALLATION OF TEMPORARY CONNECTIONS SHALL BE COORDINATED WITH THE OWNER OR OWNER'S REPRESENTATIVE.
- IN AREAS WHERE EXISTING CEILING ARE NOT SLATED TO BE REPLACED, CONTRACTOR SHALL WORK THROUGH EXISTING CEILING. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR AREA OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND REPLACING CEILING SYSTEM DAMAGED AS A RESULT OF THEIR WORK.
- ALL ELECTRICAL DEVICES AND CIRCUITS SCHEDULED FOR DEMOLITION, INCLUDING ALL ASSOCIATED CONDUIT, WIRING, SUPPORTS AND OTHER HARDWARE, SHALL BE REMOVED BACK TO SOURCE, UNO.
- ALL REMOVED ELECTRICAL EQUIPMENT, DEVICES, CONDUIT, CONDUCTORS, BOXES, LUMINAIRES AND ASSOCIATED ITEMS SHALL BE PROPERLY DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS, UNO.
- CONTRACTOR SHALL DISCONNECT AND REMOVE ALL ELECTRICAL CONNECTIONS TO EQUIPMENT FROM OTHER TRADES BEING REMOVED WITHIN AREA OF WORK. COORDINATE WITH OTHER TRADES CONTRACTOR PRIOR TO DEMOLITION.
- PRIOR TO REMOVAL OF CIRCUIT FROM A PANEL, CONTRACTOR SHALL VERIFY NO OTHER DEVICES EXIST ON THE CIRCUIT. IN THE EVENT OF A CONFLICT, DEVIATION OR DISCREPANCY, CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO ENGINEER OF RECORD FOR CLARIFICATION PRIOR TO REMOVAL.
- ONCE A CIRCUIT HAS BEEN REMOVED, THE REMAINING BREAKER SHALL BE LABELED SPARE, TURNED OFF, AND MADE READY FOR USE UNDER NEW WORK.

GENERAL NOTES - ELECTRICAL

- GENERAL:
- ELECTRICAL PLANS ARE GENERALLY DIAGRAMMATIC IN NATURE AND DO NOT CONVEY ALL DETAILS REQUIRED FOR A COMPLETE INSTALLATION. HOWEVER, THESE PLANS SHALL BE FOLLOWED AS CLOSELY AS POSSIBLE AS TO GENERAL ARRANGEMENT AND LOCATION OF EQUIPMENT. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS, DIMENSIONS AND MOUNTING METHODS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO COMMENCING WORK. CONTRACTOR SHALL VERIFY STRUCTURAL AND FINISH CONDITIONS PRIOR TO COMMENCING WORK. CONTRACTOR SHALL ARRANGE WORK TO MEET THESE CONDITIONS AND PROVIDE SUCH EQUIPMENT AND ACCESSORIES AS MAY BE REQUIRED. IN THE EVENT OF A CONFLICT, DEVIATION OR DISCREPANCY FOUND WITHIN THE PLANS OR SPECIFICATIONS, CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO ENGINEER OF RECORD FOR CLARIFICATION PRIOR TO COMMENCING WORK.
 - ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, MANUFACTURERS' RECOMMENDED INSTALLATION PROCEDURES, THE AMERICANS WITH DISABILITIES ACT, ANSI A117.1, THE NATIONAL ELECTRICAL CODE, THE NATIONAL FIRE ALARM AND SIGNALING CODE AND ALL OTHER APPLICABLE LOCAL AND STATE CODES AS ADOPTED AND MODIFIED BY THE AUTHORITIES HAVING JURISDICTION.
 - CONTRACTOR SHALL COORDINATE WITH OWNER FOR ACCESS TO AREA OF WORK AND FOLLOW ALL OWNER ENVIRONMENTAL, HEALTH, SAFETY AND SECURITY PROTOCOLS.
 - ALL WORK SHALL BE PHASED IN ACCORDANCE WITH CONTRACT PLANS, SPECIFICATIONS AND OWNER'S REQUIREMENTS.
 - CONTRACTOR SHALL COORDINATE LOCATIONS OF ALL FIRE AND/OR SMOKE RATED WALLS, BARRIERS, CEILINGS, FLOORS, PARTITIONS, AND ROOFS PRIOR TO AND DURING CONSTRUCTION.
 - CONTRACTOR SHALL PROVIDE NATIONALLY RECOGNIZED TESTING LABORATORY LISTED THROUGH PENETRATION DRAFT, FIRE AND SMOKE STOP SYSTEMS FOR ALL NEW FIRE AND/OR SMOKE RATED WALL, BARRIER, CEILING, FLOOR AND ROOF PENETRATIONS WITHIN THE AREA OF WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE, NATIONALLY RECOGNIZED TESTING LABORATORY LISTED REQUIREMENTS AND APPLICABLE BUILDING CODES. PROVIDE PENETRATION ASSEMBLIES SUITABLE FOR PARTICULAR CONSTRUCTION.
 - CONTRACTOR SHALL MAINTAIN INTEGRITY OF VAPOR BARRIER AND INSULATION FOR ALL ELECTRICAL WORK AND DEVICES ON EXTERIOR AND PERIMETER WALLS.
 - CONTRACTOR SHALL COORDINATE ELECTRICAL WORK WITH ALL OTHER TRADES PRIOR TO COMMENCING WORK TO ENSURE ELECTRICAL WORK DOES NOT INTERFERE WITH OTHER TRADES. LINES AND SYSTEMS THAT REQUIRE SLOPE SHALL TAKE PRECEDENCE OVER ELECTRICAL WORK.
 - CONTRACTOR SHALL REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF MECHANICAL AND PLUMBING EQUIPMENT. CONTRACTOR SHALL REFER TO DRAWINGS OF OTHER TRADES FOR LOCATIONS OF THEIR EQUIPMENT. CONTRACTOR SHALL COORDINATE AND VERIFY ELECTRICAL REQUIREMENTS WITH OTHER TRADES PRIOR TO COMMENCING WORK.
 - PRIOR TO EQUIPMENT INSTALLATION, CONTRACTOR SHALL CONDUCT FIELD MEASUREMENTS TO ENSURE ALL ELECTRICAL EQUIPMENT AND ACCESSORIES WILL FIT INTO LOCATIONS AS INDICATED ON PLANS. IN THE EVENT OF A CONFLICT, DEVIATION OR DISCREPANCY, CONTRACTOR SHALL PROVIDE A PROPOSED SKETCH OF REVISED ARRANGEMENT TO ENGINEER OF RECORD FOR ACCEPTANCE PRIOR TO COMMENCING WORK.
 - PROPERLY SUPPORT ALL WORK AND EQUIPMENT INSTALLED UNDER THIS CONTRACT PLUMB AND PARALLEL WITH BUILDING LINES. STUDY ALL GENERAL, STRUCTURAL, PLUMBING, HVAC, AND ELECTRICAL DRAWINGS, SHOP DRAWINGS, AND CATALOG DATA TO DETERMINE HOW EQUIPMENT, ACCESSORIES, PIPING, FIXTURES, AND RELATED ITEMS ARE TO BE SUPPORTED, MOUNTED, OR SUSPENDED. PROVIDE ALL BOLTS, INSERTS, PIPE STANDS, BRACKETS, STRUCTURAL SUPPORTS, AND ACCESSORIES FOR PROPER SUPPORT OF EQUIPMENT FURNISHED UNDER THIS CONTRACT.
 - CONTRACTOR SHALL PROVIDE ADDITIONAL SUPPORT FOR DEVICE BACK BOXES, EQUIPMENT, LUMINAIRES AND RACEWAY WHERE BUILDING CONSTRUCTION IS NOT SUITABLE FOR DIRECT MOUNTING.
 - CONTRACTOR SHALL VERIFY CEILING SYSTEMS AND PROVIDE MOUNTING ACCESSORIES, TRIMS AND ALL REQUIRED MOUNTING HARDWARE TO SUIT THE PARTICULAR INSTALLATION.
 - CONTRACTOR SHALL NOT BACKFILL EXCAVATIONS, INSTALL COVERPLATES AND ENCLOSURES OR GENERALLY SEAL OR OBSCURE ELECTRICAL INSTALLATIONS PRIOR TO INSPECTION AND ACCEPTANCE BY AUTHORITIES HAVING JURISDICTION.
 - CONTRACTOR SHALL REMOVE ALL DIRT AND DEBRIS FROM ALL ELECTRICAL ENCLOSURES AND DEVICES, JUNCTION AND PULL BOXES PRIOR TO INSTALLATION OF DEVICES, COVERPLATES AND LIDS.
 - MINIMUM RACEWAY SIZE OF 3/4" AND 1" FOR UNDERGROUND CONDUIT, UNO.
 - ALL RACEWAYS SHALL BE INSTALLED CONCEALED ABOVE CEILING, WITHIN WALLS OR BELOW FLOORS EXCEPT WITHIN UNFINISHED SPACES AND ON CEILING OF AREAS WITH EXPOSED STRUCTURE. WITHIN PUBLIC SPACES, EXPOSED CONDUIT SHALL BE FACTORY OR FIELD PAINTED TO MATCH ADJACENT STRUCTURE. ALL CONDUITS SHALL BE ROUTED PARALLEL OR PERPENDICULAR TO BUILDING STRUCTURE. ALL CONDUITS ROUTED IN PARALLEL SHALL UTILIZE CONCENTRIC BEND RADIUS FOR ALL TURNS.
 - ALL EMPTY RACEWAYS SHALL BE PROVIDED WITH PULL STRINGS INSTALLED PER SPECIFICATIONS.
 - ALL EXPOSED RACEWAY ENDS SHALL BE PROVIDED WITH PLASTIC BUSHINGS.
 - ALL ELECTRICAL CONDUCTORS, EQUIPMENT AND TERMINALS SHALL BE 75°C RATED UNO.
 - MINIMUM CONDUCTOR SIZE OF #12AWG, COPPER, THIN/THWN, FOR BRANCH CIRCUITS, UNO.
 - ALL BRANCH AND FEEDER CIRCUITS SHALL ORIGINATE FROM PANELS AND SERVE DEVICES AND EQUIPMENT AS INDICATED ON PLANS AND SCHEDULES. IN THE EVENT OF A CONFLICT, DEVIATION OR DISCREPANCY, CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO ENGINEER OF RECORD FOR CLARIFICATION PRIOR TO COMMENCING WORK.
 - ALL BRANCH CIRCUITS SHALL HAVE A DEDICATED NEUTRAL CONDUCTOR.
 - ALL RACEWAYS CONTAINING A FEEDER OR BRANCH CIRCUIT SHALL BE PROVIDED WITH AN INSULATED EQUIPMENT GROUNDING CONDUCTOR. FOR RACEWAYS CONTAINING MORE THAN ONE BRANCH CIRCUIT, SIZE OF EQUIPMENT GROUNDING CONDUCTOR SHALL BE BASED ON THE LARGEST CIRCUIT'S OVERCURRENT PROTECTIVE DEVICE.
 - ALL DEVICE BACK BOXES SHALL BE RECESSED WITHIN WALLS, FURRING, OR CASEWORK, UNO. USE OF EXPOSED SURFACE MOUNTED DEVICE BACK BOXES IS PROHIBITED EXCEPT WITHIN UNFINISHED SPACES AND ON CEILING OF AREAS WITH EXPOSED STRUCTURE. WITHIN PUBLIC SPACES, EXPOSED DEVICE BACK BOXES SHALL BE FACTORY OR FIELD PAINTED TO MATCH ADJACENT STRUCTURE.
 - DEVICE BACK BOXES INDICATED ON PLANS AS ADJACENT TO ONE ANOTHER SHALL BE MOUNTED 8" APART, CENTER-TO-CENTER, UNO.
 - DEVICE BACK BOXES LOCATED ON OPPOSITE SIDES OF FIRE OR SMOKE RATED PARTITIONS SHALL NOT BE MOUNTED WITHIN THE SAME WALL CAVITY. WALL PENETRATIONS SHALL BE SEPARATED BY MOUNTING BOXES ON OPPOSITE SIDES OF WALL STUDS OR OTHER VERTICAL STRUCTURAL MEMBER INSIDE THE WALL.
 - CONTRACTOR SHALL COORDINATE EXACT HEIGHT AND LOCATION OF ALL WALL MOUNTED DEVICE BACK BOXES WITH ARCHITECTURAL INTERIOR ELEVATIONS AND CASEWORK SHOP DRAWINGS PRIOR TO INSTALLATION. IN THE EVENT OF A CONFLICT, DEVIATION OR DISCREPANCY, CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO ARCHITECT AND ENGINEER OF RECORD FOR CLARIFICATION PRIOR TO COMMENCING WORK. MINOR ADJUSTMENTS IN ANY DIRECTION FOR DEVICE LOCATION, I.E. 5/8" OR LESS, SHALL BE MADE AT NO ADDITIONAL COST TO THE OWNER.
 - CONTRACTOR SHALL COORDINATE ALL ELECTRICAL DEVICE BACK BOX AND EQUIPMENT LOCATIONS WITH OTHER TRADES PRIOR TO INSTALLATION. IN THE EVENT OF A CONFLICT, DEVIATION OR DISCREPANCY, CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO ARCHITECT AND ENGINEER OF RECORD FOR CLARIFICATION PRIOR TO COMMENCING WORK.
 - CONTRACTOR SHALL PROVIDE MINIMUM 4" HOUSEKEEPING PAD WITH CHAMFERED EDGES FOR ALL FLOOR MOUNTED EQUIPMENT, UNO. REFER TO DETAILS, IF APPLICABLE.
 - REFER TO THE ARCHITECTURAL REFLECTED CEILING PLANS FOR THE EXACT LOCATION OF ALL CEILING MOUNTED LUMINAIRES AND DEVICES.
 - EXACT HEIGHTS AND LOCATIONS OF LUMINAIRES WITH UNFINISHED SPACES SHALL BE COORDINATED AND DETERMINED IN THE FIELD. LUMINAIRES SHALL NOT BE SUPPORTED FROM DUCTWORK OR PIPING. CHAIN OR TRAPEZE-TYPE HANGERS SHALL BE PROVIDED WHERE LUMINAIRES CAN NOT BE MOUNTED DIRECTLY TO STRUCTURE OR CEILING. LUMINAIRES SHALL BE LOCATED TO MAXIMIZE ACCESSIBILITY AND ILLUMINATION.
 - ORIENT VERTICALLY MOUNTED RECEPTACLES WITH GROUND PIN UP. ORIENT HORIZONTALLY MOUNTED RECEPTACLES WITH GROUND PIN TO LEFT (NEUTRAL UP).
 - CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL FLOOR-BOXES WITH ARCHITECT PRIOR TO INSTALL.
 - ALL AV, DATA, SECURITY AND TELECOMMUNICATIONS CABLING SHALL BE INSTALLED CONCEALED FROM VIEW ABOVE CEILING, IN WALLS OR BELOW FLOORS EXCEPT WITHIN UNFINISHED SPACES AND ON CEILING OF AREAS WITH EXPOSED STRUCTURE. ALL CABLING SHALL BE ROUTED PARALLEL OR PERPENDICULAR TO BUILDING STRUCTURE.
 - SMOKE DETECTORS SHALL BE LOCATED MINIMUM 3'-0" FROM HVAC SUPPLY AND RETURN OPENINGS.
 - WHERE MULTIPLE VISUAL NOTIFICATION DEVICES CAN BE SEEN FROM A SINGLE LOCATION DURING NORMAL FACILITY OPERATION, ALL STROBES SHALL BE SYNCHRONIZED TO ALLOW FOR SIMULTANEOUS OPERATION.

STANDARD WALL MOUNTING HEIGHTS

DEVICE OR EQUIPMENT TYPE	MOUNTING HEIGHT (AFF/AFG)	MEASURED TO	NOTES
AV, COAX, DATA & TELECOM	18" SEE NOTES	CENTER	1, 5
DOOR ACCESS & CONTROLS	48"	TOP	1
EMERGENCY LIGHTS	96"	TOP	1, 2
ENCLOSED CIRCUIT BREAKERS	78"	TOP	1, 3
EXIT SIGNS	SEE NOTES	TOP	1, 4
FA NOTIFICATION DEVICES	84"	BOTTOM	1
FA PULL STATIONS	48"	TOP	1
LIGHT SWITCHES	48"	TOP	1
MOTOR STARTERS	78"	TOP	1, 3
PANELBOARDS	78"	TOP	1, 3
PLUGMOLD AND WIRES	SEE NOTES	TOP	1, 5
RECEPTACLES - NORMAL AREAS	18"	CENTER	1
RECEPTACLES - ABOVE COUNTER	SEE NOTES	TOP	1, 5
RECEPTACLES - EXTERIOR AREAS	18"	CENTER	1
RECEPTACLES - UNDER COUNTER	18"	CENTER	1
SAFETY SWITCHES	78"	TOP	1, 3
SENSORS	96"	TOP	1, 2
WALL MOUNTED	96"	TOP	1, 2
VARIABLE FREQUENCY DRIVES	78"	TOP	1, 3
WALL MOUNTED CAMERAS	120"	CENTER	1

- NOTES:
- UNLESS NOTED OTHERWISE, WALL MOUNTING HEIGHTS INDICATED ON DRAWINGS OR DETAILS SHALL SUPERSEDE STANDARD WALL MOUNTING HEIGHTS LISTED HERE. COORDINATE ALL DEVICE LOCATIONS WITH OTHER TRADES PRIOR TO INSTALLATION. COORDINATE EXACT HEIGHT AND LOCATION WITH ARCHITECTURAL INTERIOR ELEVATIONS AND CASEWORK SHOP DRAWINGS PRIOR TO INSTALLATION. ADJUST TO MATCH MASONRY COURSES, IF APPLICABLE. MOUNT ALL BOXES TRUE AND PLUMB.
 - CEILING HEIGHT PERMITTING, OTHERWISE MOUNT 12" BELOW CEILING TO TOP OF BOX.
 - MOUNTING HEIGHT AS MEASURED TO TOP OF ENCLOSURE OR CENTER OF OPERATING HANDLE AT HIGHEST POSITION, WHICHEVER IS HIGHER. STACKING OF SAFETY SWITCHES, ENCLOSED CIRCUIT BREAKERS AND MOTOR STARTERS IS PERMITTED.
 - CEILING HEIGHT PERMITTING, MOUNT EXIT SIGN 18" ABOVE TOP OF DOOR FRAME AS MEASURED FROM TOP OF SIGN. FOR ALL OTHER AREAS AND CEILING HEIGHT PERMITTING, MOUNT 8" AFF TO TOP OF BOX. OTHERWISE, MOUNT 12" BELOW CEILING TO TOP OF BOX.
 - MOUNT 6" ABOVE COUNTER TOP OR BACKSLAP (IF APPLICABLE) TO TOP OF BOX. COORDINATE EXACT HEIGHT AND LOCATION WITH ARCHITECTURAL INTERIOR ELEVATIONS AND CASEWORK SHOP DRAWINGS PRIOR TO INSTALLATION.

ABBREVIATIONS -

ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
A	AMP	AMP	AMPERE
AC	ALTERNATING CURRENT	HORIZ	HORIZONTAL
AC	ABOVE CEILING	HP	HORSE POWER
ADA	AMERICANS WITH DISABILITIES ACT	HVAC	HEATING, VENTILATION AND AIR CONDITIONING
AFCI	ARC FAULT CIRCUIT INTERRUPTER	IDF	INTERMEDIARY DISTRIBUTION FRAME
AFF	ABOVE FINISH FLOOR	K	KELVIN
AFG	ABOVE FINISH GRADE	KCMIL	THOUSAND CIRCULAR MILLS
AHJ	AUTHORITY HAVING JURISDICTION	KVA	KILOVOLT-AMPERES
AIC	AMPERES INTERRUPTING CAPACITY	KW	KILOWATT
AL ALUM	ALUMINUM	LED	LIGHT EMITTING DIODE
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	LFCM	LIQUID TIGHT FLEXIBLE METALLIC CONDUIT
ATS	AUTOMATIC TRANSFER SWITCH	LP	LIGHTING PANEL
AUX	AUXILIARY	LRA	LOCKED ROTOR AMPS
AWG	AMERICAN WIRE GAUGE	LS	LIFE SAFETY SWITCH
BAS	BUILDING AUTOMATION SYSTEM	LSIG	LONG, SHORT, INSTANTANEOUS & GROUND
BLDG	BUILDING	LTG	LIGHTING
BMS	BUILDING MANAGEMENT SYSTEM	LV	LOW VOLTAGE
BRKR, BKR	BREAKER	MC	METAL CLAD CABLE
C	CONDUIT	MCA	MAXIMUM CIRCUIT AMPACITY
CB, CBV	CIRCUIT BREAKER	MCB	MAIN CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION	MDP	MAIN DISTRIBUTION FRAME
cd	CANDELA	MECH	MECHANICAL
CKT	CIRCUIT	MLO	MAIN LUGS ONLY
CLG	CEILING	MOCB	MAXIMUM OVERCURRENT PROTECTION
COMM	COMMUNICATION	MTS	MANUAL TRANSFER SWITCH
CR	COLOR RENDERING INDEX	MTS	MANUAL TRANSFER SWITCH
CT	CURRENT TRANSFORMER	N/A	NOT APPLICABLE
CU	COPPER	NEC	NATIONAL ELECTRIC CODE
DIA	DIAMETER	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
DN	DOWN	NF	NOT FUSED / NON-FUSED
DWG	DRAWING	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
E, EX	EXISTING	NFSS	NON-FUSED SAFETY SWITCH
EA	EACH	NIC	NOT IN CONTRACT
EC	ELECTRICAL CONTRACTOR	NL	NIGHT LIGHTING
ECB	ENCLOSED CIRCUIT BREAKER	NTS	NOT TO SCALE
EGB	EARTH, ELECTRICAL OR EQUIPMENT GROUNDING	P	POLE
EGC	EQUIPMENT GROUNDING CONDUCTOR	PH, Ø	PHASE
ELEC	ELECTRIC, ELECTRICAL	PI	PIPING
ELEV	ELEVATOR	POE	POWER OVER ETHERNET
EMT	EMERGENCY	PWR	POWER
EMERG	EMERGENCY	QTY	QUANTITY
ENT	ELECTRICAL METALLIC TUBING	R	REMOVE
EOL	END OF LINE RESISTOR	REC	REFLECTED CEILING PLAN
EPO	EMERGENCY POWER OFF EQUIPMENT	REC, RECP	REFLECTED CEILING PLAN
EQ, EQP	EQUIPMENT	REQ	REQUIRED
ERMS	ENERGY REDUCTION MAINTENANCE SWITCH	REQD	REQUIRED
FA	FIRE ALARM	SPD	SURGE PROTECTIVE DEVICE
FLA	FOOT-CANDLE	STD	STANDARD
FLC	FULL LOAD AMPS	STR	MOTOR STARTER
FLR	FLOOR	SW	SWITCH
FO	FIBER OPTIC	TEL, TELE	TELEPHONE
FSS	FUSED SAFETY SWITCH		
G, GND	GROUND		
GALV	GALVANIZED		
GEN	GENERATOR		
GFCI, GF	GROUND FAULT CIRCUIT INTERRUPTER		
GFEP	GROUND FAULT EQUIPMENT PROTECTION		
GFP	GROUND FAULT PROTECTION		
GRC, GRMC	GALVANIZED RIGID METALLIC CONDUIT		

SECURITY SYMBOLS

SYMBOL	DESCRIPTION
	LOW VOLTAGE EQUIPMENT AND CABLING PROVIDED BY DIVISION 27 CONTRACTOR. DIVISION 26 SHALL PROVIDE CONDUIT TO ACCESSIBLE CEILING OR CABLE TRAY, AND BACK BOXES FOR WALL MOUNTED DEVICES OR DEVICES IN CEILING ABOVE 17'-0" OR GYP BOARD CEILING.
	SECURITY CAMERA SUBSCRIPTS:
	PANIC ALARM BUTTON REFER TO SPECIFICATIONS FOR SUBSCRIPT INFORMATION
	DURESS ALARM
DOOR ACCESS CONTROLS	
	DOOR ACCESS CONTROL DEVICES TYPES "EL" = ELECTRIC LOCK "ES" = ELECTRIC STRIKE "DR" = DOOR RELEASE "CR" = CARD READER "DC" = DOOR CONTACT
	VIDEO ENTRY SYSTEM SUBSCRIPTS: "A1" = A1 PHONE "A2" = MASTER CONTROL CONSOLE
	DOOR ACCESS CONTROL PANEL
INTRUSION DETECTION	
	MOTION DETECTOR SUBSCRIPTS:
	INTRUSION DETECTION CONTROL PANEL "C" = 360 DEG. COVERAGE "W" = WIDE ANGLE "L" = LONG RANGE
	ALARM KEYPAD

POWER SYMBOLS

SYMBOL	DESCRIPTION
	SIMPLEX OUTLETS SUBSCRIPTS: "AC" = ABOVE COUNTER "GF" = GROUND FAULT BREAKER
	DUPLEX OUTLETS
	QUADRUPLEX OUTLETS "GF" = GROUND FAULT "WP" = WEATHERPROOF BOX "WR" = WEATHER RESISTANT
	SPECIALTY OUTLETS (NEMA TYPE AS SHOWN)
	JUNCTION BOX
	HDMI CONNECTION PLATE, REFER TO DETAILS FOR ADDITIONAL INFORMATION
	PUSH BUTTON SUBSCRIPTS:
	EQUIPMENT CONNECTION "EPO" = EMERGENCY POWER OFF
	POWER/TELECOM POLE, REFER TO SCHEDULE ON E-508 FOR ADDITIONAL INFORMATION ON POLE TYPE
	MOTOR
	MANUAL MOTOR STARTER, FRACTIONAL HORSEPOWER (SEE STARTER SCHEDULE FOR SIZE, ETC.)
	NON-FUSIBLE SAFETY SWITCH (SEE DISCONNECT SCHEDULE FOR SIZE, ETC.)
	FUSIBLE SAFETY SWITCH (SEE DISCONNECT SCHEDULE FOR SIZE, ETC.)
	ENCLOSED CIRCUIT BREAKER, ECB (SEE RISER DIAGRAM FOR SIZE, ETC.)
	COMBINATION MOTOR STARTER/SAFETY SWITCH (FURNISHED BY DIV 23, INSTALLED BY DIV 26)
	VARIABLE FREQUENCY DRIVE (VFD) (FURNISHED BY DIV 23, INSTALLED BY DIV 26)
	DISCONNECT SWITCH (FURNISHED BY DIV 23, INSTALLED BY DIV 26)
	SURGE SUPPRESSOR
	GROUND BAR
	POWER/TELECOMMUNICATIONS HANDHOLE
	POWER/TELECOMMUNICATIONS MANHOLE

POWER DISTRIBUTION

SYMBOL	DESCRIPTION
	WALL MOUNTED PANEL (SHADING INDICATES 120/208)
	RECESSED PANEL (SHADING INDICATES 120/208)
	ELECTRICAL EQUIPMENT, GEAR SIZE, TYPE, AND MOUNTING AS SHOWN AND/OR NOTED.
	UTILITY METER

LIFE-SAFETY PENETRATION SCHEDULE

	ASSEMBLY AND PENETRATION TYPE	RATING (HR)	F	
			F	U, L. DETAIL SYSTEM NUMBER
CONCRETE FLOORS	UNINSULATED METAL PIPES OR CONDUITS	1 or 2	CAJ-1226, CAJ-1155, CAJ-1380, CAJ-1575, FA-1028	
	CABLES	4	CBJ-1037	
	UNINSULATED NON-METAL PIPES OR CONDUITS	1 or 2	CAJ-2109, CAJ-2407, CAJ-2567, CAJ-2831	
	CABLE TRAYS	1 or 2	CAJ-3095, CAJ-3210, CAJ-3239	
CONCRETE / MASONRY WALLS	UNINSULATED METAL PIPES OR CONDUITS	1 or 2	CAJ-4034, CAJ-4035, CAJ-4083	
	CABLES	4	CAJ-4107	
	UNINSULATED NON-METAL PIPES OR CONDUITS	1 or 2	CAJ-1226, CAJ-1155, CAJ-1380, CAJ-1575	
	CABLE TRAYS	1 or 2	CAJ-2109, CAJ-2407, CAJ-2567, CAJ-2831	
GYPSUM WALLBOARD	UNINSULATED METAL PIPES OR CONDUITS	1 or 2	CAJ-3095, CAJ-3180, WJ-3036	
	CABLES	1 or 2	CAJ-4034, CAJ-4035, CAJ-4083	
	UNINSULATED NON-METAL PIPES OR CONDUITS	1 or 2	WL-1164, WL-1205, WL-1465	
	CABLE TRAYS	1 or 2	WL-2084, WL-2341, WL-2649	

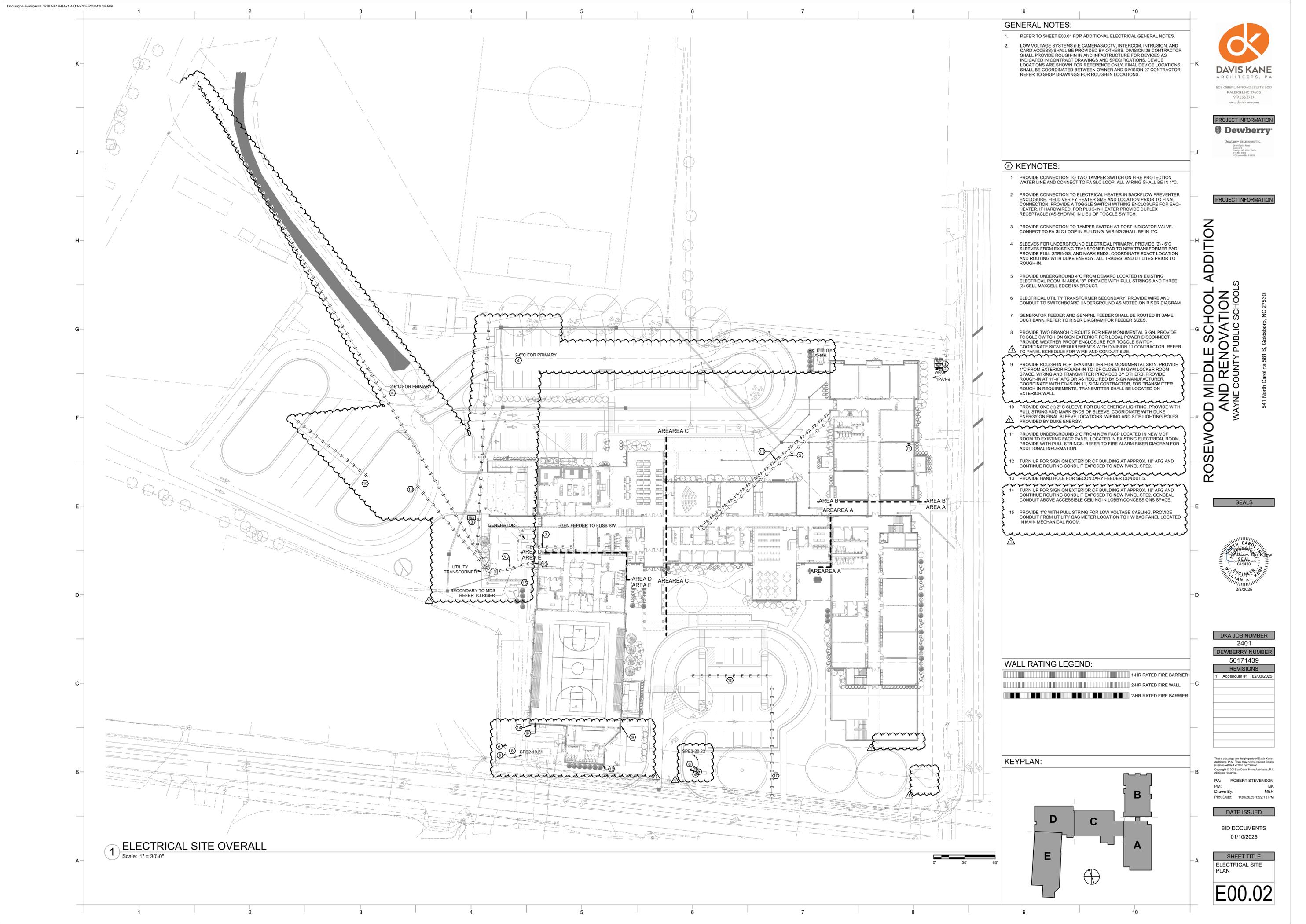
- NOTES:
- REFER TO SECTION 230500 FOR MORE INFORMATION.
 - HITI PRODUCTS ARE REQUIRED FOR ALL PENETRATIONS.
 - SELECT UL LISTED PENETRATION DETAIL MATCHING THE PENETRATION CONDITIONS.
 - SUBMIT AN APPROPRIATE DETAIL FOR ENGINEER REVIEW IF THE PROJECT CONDITIONS ARE NOT REPRESENTED ABOVE.

FIRE ALARM SYMBOLS

SYMBOL	DESCRIPTION
	SMOKE DETECTOR PHOTOELECTRIC, UNO. SUBSCRIPTS: "ER" = ELEVATOR "FT" = FIXED TEMPERATURE "IP" = INTRINSICALLY SAFE "RF" = COMBINATION R/F "SB" = SOUNDER BASE "WP" = WEATHER PROOF
	GAS DETECTOR, CARBON MONOXIDE, UNO.
	MULTI CRITERIA DETECTOR
	HEAT DETECTOR RATE OF RISE, UNO.
	STROBE SUBSCRIPTS: "CNDL" = CANDELA "DBR" = DECIBEL RATING "WAT" = WATTAGE
	SPEAKER
	COMBINATION SPEAKER/VISIBLE SUBSCRIPTS: "RTS" = REMOTE INDICATOR & TEST SWITCH "RI" = REMOTE INDICATOR "TS" = TEST SWITCH
	REMOTE ALARM INDICATOR SUBSCRIPTS: "AIM" = ADDRESSABLE INPUT "AOM" = ADDRESSABLE OUTPUT "PIV" = POST INDICATOR VALVE "PS" = PRESSURE SWITCH "VS" = VALVE/TAMPER SWITCH "WF" = WATER FLOW
	FIRE ALARM BELL
	MAGNETIC DOOR HOLD OPEN DEVICE FLOOR MOUNTED UNO
	FIRE ALARM PANEL SURFACE MOUNTED DESIGNATIONS: "ASDP" = ASPIRATING SMOKE DETECTOR PANEL "BATT" = BATTERY CABINET "FAA" = ANNUNCIATOR PANEL "FACU" = CONTROL UNIT "FATC" = TERMINAL CABINET "NAC" = NOTIFICATION APPLIANCE CIRCUIT PANEL
	FIRE ALARM PANEL RECESSED

LIGHTING SYMBOLS

SYMBOL	DESCRIPTION
	T (BRACKET INDICATES WALL MOUNTED TYP.)
	SURFACE/RECESSED TROFFER LUMINAIRE
	DIRECT/INDIRECT PENDANT LUMINAIRE
	LINEAR WALL MOUNTED LUMINAIRE
	LINEAR RECESSED LUMINAIRE (RAY INDICATES DIRECTION OF WALL WASH)
	STRIP LUMINAIRE - SIZE AND TYPE AS SHOWN
	SURFACE/RECESSED CAN LUMINAIRE (RAY INDICATES DIRECTION OF WALL WASH)
	WALL SCONCE LUMINAIRE
	DECORATIVE/SPECIALTY LUMINAIRE (SIZE AND TYPE AS SHOWN)
	SITE LUMINAIRE: BOLLARD LUMINAIRE (RAY INDICATES DIRECTIONALITY)
	SITE LUMINAIRE: POLE MOUNTED LUMINAIRE (HEAD QUANTITY AND ORIENTATION AS SHOWN)
	CILING MOUNTED EXIT SIGN FACES AND CHEVRONS AS SHOWN
	WALL MOUNTED EXIT SIGNS FACES AND CHEVRONS AS SHOWN
	WALL MOUNTED EMERGENCY LUMINAIRE



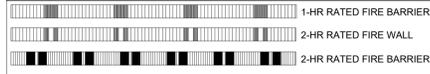
GENERAL NOTES:

- REFER TO SHEET E00.01 FOR ADDITIONAL ELECTRICAL GENERAL NOTES.
- LOW VOLTAGE SYSTEMS (I.E. CAMERAS/CCTV, INTERCOM, INTRUSION, AND CARD ACCESS) SHALL BE PROVIDED BY OTHERS. DIVISION 26 CONTRACTOR SHALL PROVIDE ROUGH-IN AND INFRASTRUCTURE FOR DEVICES AS INDICATED IN CONTRACT DRAWINGS AND SPECIFICATIONS. DEVICE LOCATIONS ARE SHOWN FOR REFERENCE ONLY. FINAL DEVICE LOCATIONS SHALL BE COORDINATED BETWEEN OWNER AND DIVISION 27 CONTRACTOR. REFER TO SHOP DRAWINGS FOR ROUGH-IN LOCATIONS.

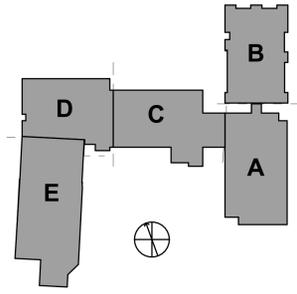
KEYNOTES:

- PROVIDE CONNECTION TO TWO TAMPER SWITCH ON FIRE PROTECTION WATER LINE AND CONNECT TO FA SLC LOOP. ALL WIRING SHALL BE IN 1".
- PROVIDE CONNECTION TO ELECTRICAL HEATER IN BACKFLOW PREVENTER ENCLOSURE. FIELD VERIFY HEATER SIZE AND LOCATION PRIOR TO FINAL CONNECTION. PROVIDE A TOGGLE SWITCH WITHING ENCLOSURE FOR EACH HEATER. IF HARDWIRED, FOR PLUG-IN HEATER PROVIDE DUPLEX RECEPTACLE (AS SHOWN) IN LIEU OF TOGGLE SWITCH.
- PROVIDE CONNECTION TO TAMPER SWITCH AT POST INDICATOR VALVE. CONNECT TO FA SLC LOOP IN BUILDING. WIRING SHALL BE IN 1".
- SLEEVES FOR UNDERGROUND ELECTRICAL PRIMARY. PROVIDE (2) - 6" SLEEVES FROM EXISTING TRANSFORMER PAD TO NEW TRANSFORMER PAD. PROVIDE PULL STRINGS, AND MARK ENDS. COORDINATE EXACT LOCATION AND ROUTING WITH DUKE ENERGY, ALL TRADES, AND UTILITIES PRIOR TO ROUGH-IN.
- PROVIDE UNDERGROUND 4" C FROM DEMARC LOCATED IN EXISTING ELECTRICAL ROOM IN AREA "B". PROVIDE WITH PULL STRINGS AND THREE (3) CELL MAXCELL EDGE INNERDUCT.
- ELECTRICAL UTILITY TRANSFORMER SECONDARY. PROVIDE WIRE AND CONDUIT TO SWITCHBOARD UNDERGROUND AS NOTED ON RISER DIAGRAM.
- GENERATOR FEEDER AND GEN-PNL FEEDER SHALL BE ROUTED IN SAME DUCT BANK. REFER TO RISER DIAGRAM FOR FEEDER SIZES.
- PROVIDE TWO BRANCH CIRCUITS FOR NEW MONUMENTAL SIGN. PROVIDE TOGGLE SWITCH ON SIGN EXTERIOR FOR LOCAL POWER DISCONNECT. PROVIDE WEATHER PROOF ENCLOSURE FOR TOGGLE SWITCH. COORDINATE SIGN REQUIREMENTS WITH DIVISION 11 CONTRACTOR. REFER TO PANEL SCHEDULE FOR WIRE AND CONDUIT SIZE.
- PROVIDE ROUGH-IN FOR TRANSMITTER FOR MONUMENTAL SIGN. PROVIDE 1" C FROM EXTERIOR ROUGH-IN TO IDF CLOSET IN GYM LOCKER ROOM SPACE. WIRING AND TRANSMITTER PROVIDED BY OTHERS. PROVIDE ROUGH-IN AT 11'-0" AFG OR AS REQUIRED BY SIGN MANUFACTURER. COORDINATE WITH DIVISION 11, SIGN CONTRACTOR, FOR TRANSMITTER ROUGH-IN REQUIREMENTS. TRANSMITTER SHALL BE LOCATED ON EXTERIOR WALL.
- PROVIDE ONE (1) 2" C SLEEVE FOR DUKE ENERGY LIGHTING. PROVIDE WITH PULL STRING AND MARK ENDS OF SLEEVE. COORDINATE WITH DUKE ENERGY ON FINAL SLEEVE LOCATIONS. WIRING AND SITE LIGHTING POLES PROVIDED BY DUKE ENERGY.
- PROVIDE UNDERGROUND 2" C FROM NEW FACP LOCATED IN NEW MDF ROOM TO EXISTING FACP PANEL LOCATED IN EXISTING ELECTRICAL ROOM. PROVIDE WITH PULL STRINGS. REFER TO FIRE ALARM RISER DIAGRAM FOR ADDITIONAL INFORMATION.
- TURN UP FOR SIGN ON EXTERIOR OF BUILDING AT APPROX. 18" AFG AND CONTINUE ROUTING CONDUIT EXPOSED TO NEW PANEL SPE2.
- PROVIDE HAND HOLE FOR SECONDARY FEEDER CONDUITS.
- TURN UP FOR SIGN ON EXTERIOR OF BUILDING AT APPROX. 18" AFG AND CONTINUE ROUTING CONDUIT EXPOSED TO NEW PANEL SPE2. CONCEAL CONDUIT ABOVE ACCESSIBLE CEILING IN LOBBY/CONCESSIONS SPACE.
- PROVIDE 1" C WITH PULL STRING FOR LOW VOLTAGE CABLING. PROVIDE CONDUIT FROM UTILITY GAS METER LOCATION TO HW BAS PANEL LOCATED IN MAIN MECHANICAL ROOM.

WALL RATING LEGEND:



KEYPLAN:



1 ELECTRICAL SITE OVERALL
Scale: 1" = 30'-0"



ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION
 WAYNE COUNTY PUBLIC SCHOOLS
 5411 North Carolina 581 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER
2401

DEWBERRY NUMBER
50171439

REVISIONS

NO.	REVISION	DATE
1	Addendum #1	02/03/2025

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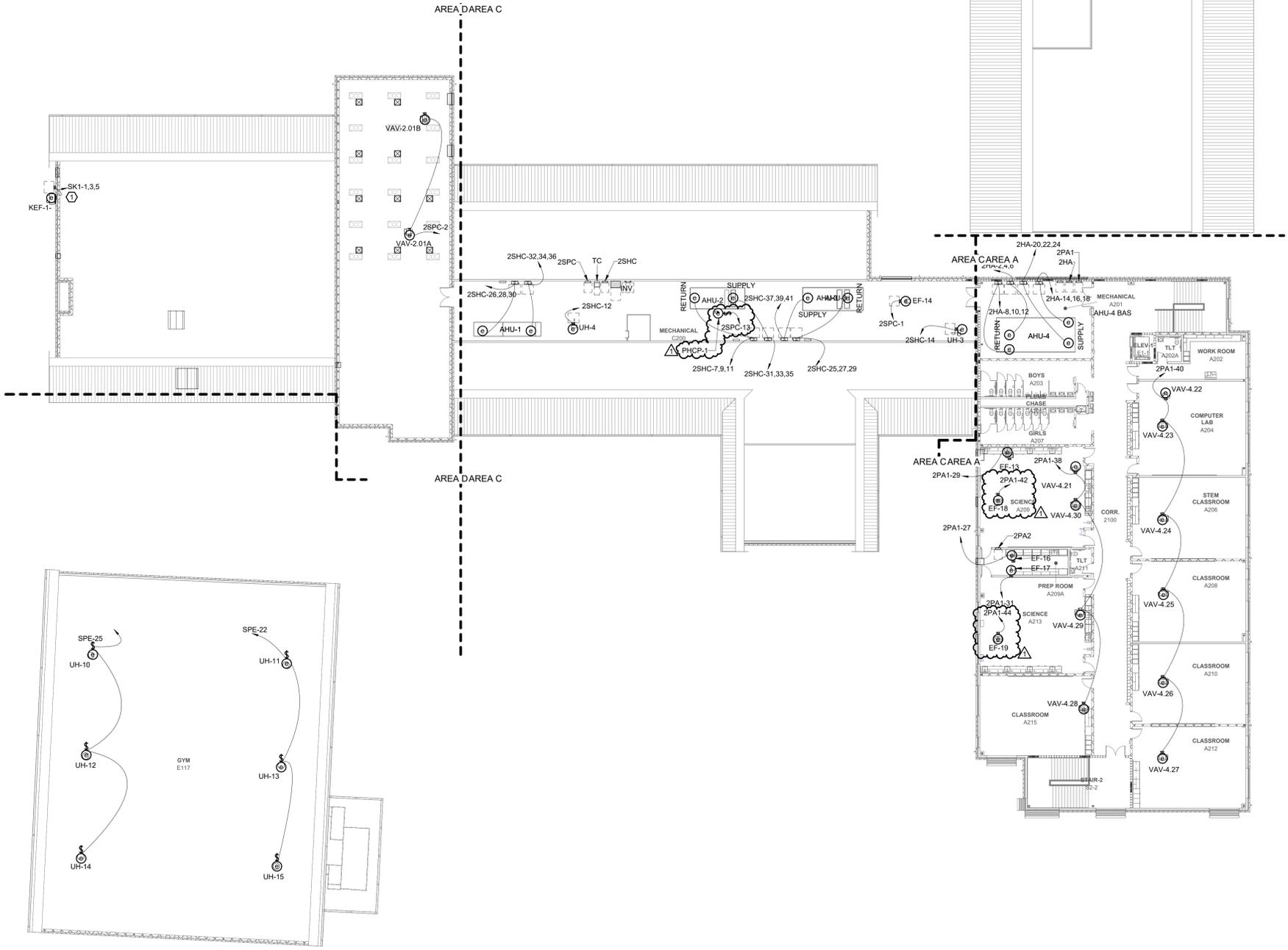
DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE
ELECTRICAL SITE PLAN

E00.02

K
J
H
G
F
E
D
C
B
A



1 SECOND FLOOR EQUIPMENT PLAN
Scale: 1/16" = 1'-0"
0 8 16 32

GENERAL NOTES:

- REFER TO SHEET E00.01 FOR ADDITIONAL ELECTRICAL GENERAL NOTES.
- LOW VOLTAGE SYSTEMS (I.E. CAMERAS/CCTV, INTERCOM, INTRUSION, AND CARD ACCESS) SHALL BE PROVIDED BY OTHERS. DIVISION 26 CONTRACTOR SHALL PROVIDE ROUGH-IN AND INFRASTRUCTURE FOR DEVICES AS INDICATED IN CONTRACT DRAWINGS AND SPECIFICATIONS. DEVICE LOCATIONS ARE SHOWN FOR REFERENCE ONLY. FINAL DEVICE LOCATIONS SHALL BE COORDINATED BETWEEN OWNER AND DIVISION 27 CONTRACTOR. REFER TO SHOP DRAWINGS FOR ROUGH-IN LOCATIONS.

KEYNOTES:

- ROUTE POWER FOR KEF-1 THROUGH UDS SYSTEM.

PROJECT INFORMATION

Dewberry

Dewberry Engineers Inc.
200 West
Raleigh, NC 27607-3073
919.833.3337
NC License No. 7-1089

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530

SEALS

DKA JOB NUMBER
2401

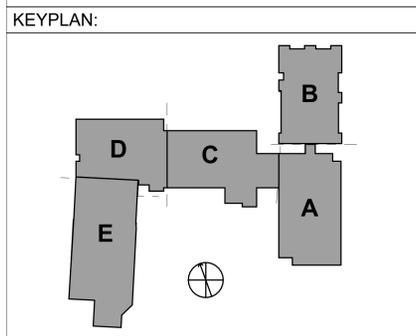
DEWBERRY NUMBER
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REVISIONS

NO.	DESCRIPTION	DATE
1	Addendum #1	02/03/2025

WALL RATING LEGEND:

	1-HR RATED FIRE BARRIER
	2-HR RATED FIRE WALL
	2-HR RATED FIRE BARRIER



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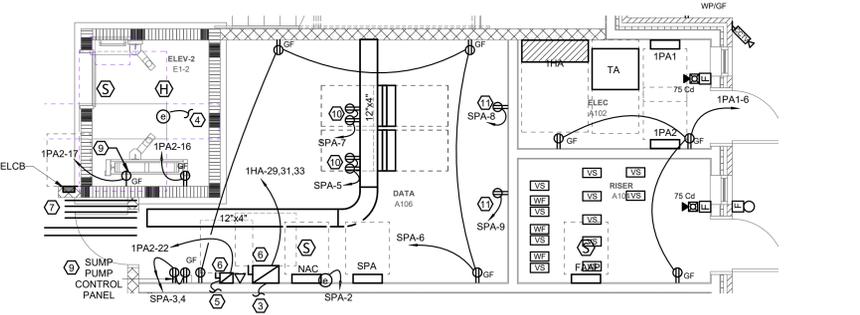
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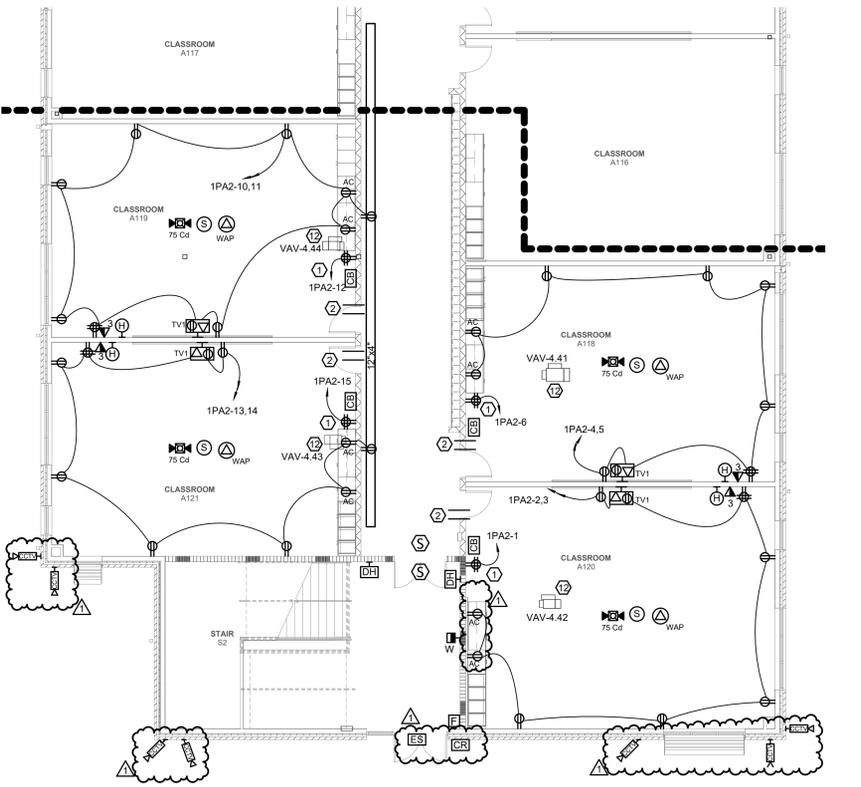
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SHEET TITLE
SECOND FLOOR EQUIPMENT PLAN

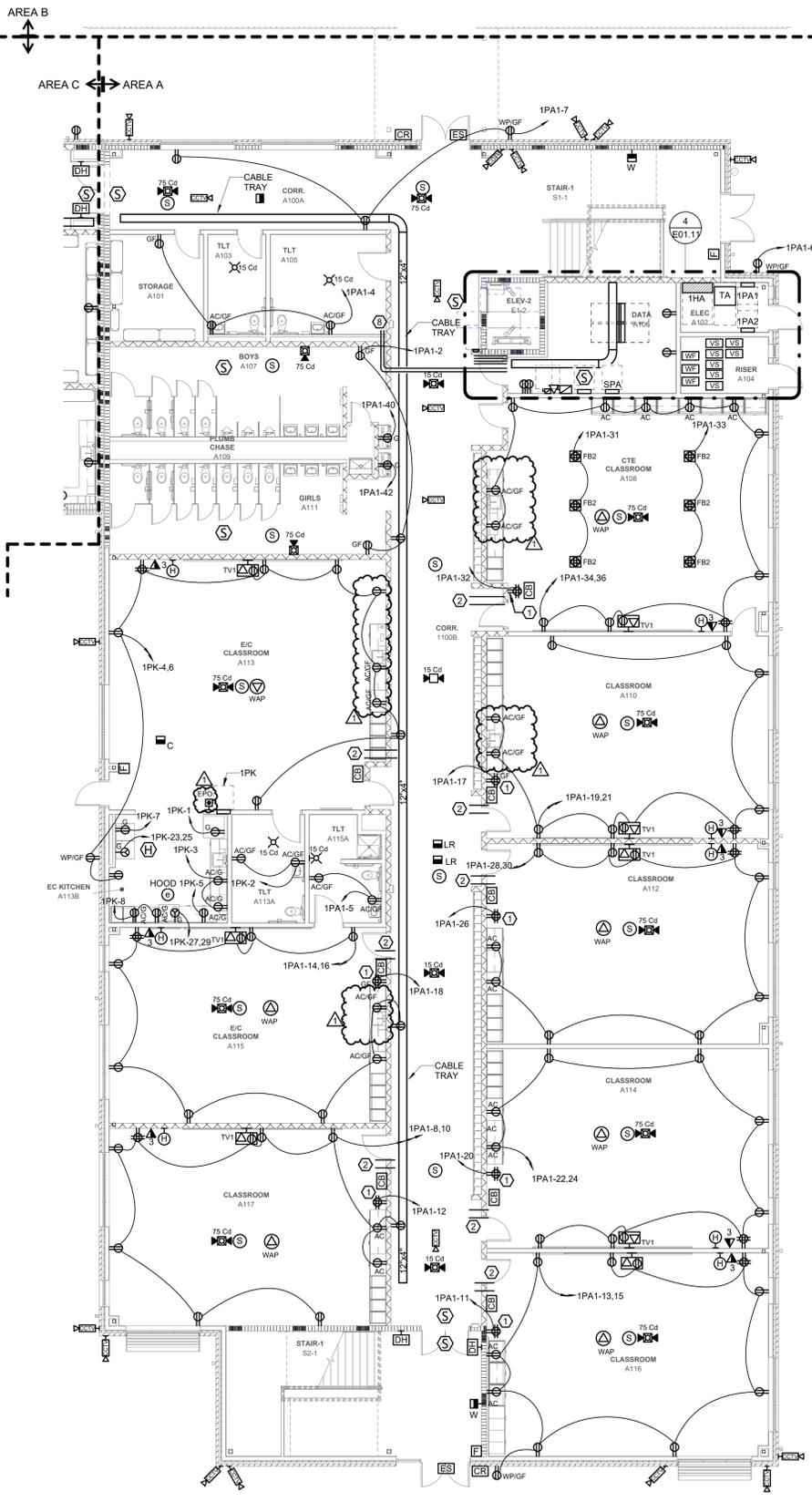
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4 ENLARGED ELEV PIT, DATA 1104, RISER 1000D, ELEC ROOM 1000C
Scale: 1/4" = 1'-0"



2 FIRST FLOOR POWER & LOW VOLTAGE PLAN AREA A ALTERNATE
Scale: 1/8" = 1'-0"



1 FIRST FLOOR POWER & LOW VOLTAGE PLAN AREA A
Scale: 1/8" = 1'-0"

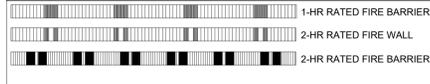
GENERAL NOTES:

- REFER TO SHEET E00.01 FOR ADDITIONAL ELECTRICAL GENERAL NOTES.
- LOW VOLTAGE SYSTEMS (I.E. CAMERAS/CCTV, INTERCOM, INTRUSION, AND CARD ACCESS) SHALL BE PROVIDED BY OTHERS. DIVISION 26 CONTRACTOR SHALL PROVIDE ROUGH-IN AND INFRASTRUCTURE FOR DEVICES AS INDICATED IN CONTRACT DRAWINGS AND SPECIFICATIONS. DEVICE LOCATIONS ARE SHOWN FOR REFERENCE ONLY. FINAL DEVICE LOCATIONS SHALL BE COORDINATED BETWEEN OWNER AND DIVISION 27 CONTRACTOR. REFER TO SHOP DRAWINGS FOR ROUGH-IN LOCATIONS.

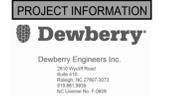
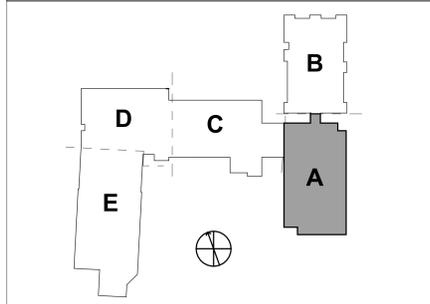
KEYNOTES:

- PROVIDE DEDICATED QUAD RECEPTACLE FOR CART CHARGERS.
- PROVIDE TWO (2) - 3" RIGID GALVANIZED STEEL SLEEVES FROM ABOVE CEILING OF ROOM TO ABOVE CEILING OF CORRIDOR.
- PROVIDE FEEDER FOR HYDRAULIC ELEVATOR. ROUTE FEEDER FROM PANEL THROUGH SHUNT TRIP, FUSED DISCONNECT SWITCH, THEN CONTINUE ROUTING THROUGH JAMB MOUNT CONTROLLER ON SECOND FLOOR. FINALLY CONNECT TO MOTOR ON FIRST FLOOR IN ELEVATOR PIT. COORDINATE FINAL CIRCUIT ROUTING WITH MANUFACTURER DRAWINGS.
- PROVIDE FINAL CONNECTION FOR PUMP LOCATED IN PIT FROM CONTROLLER ON SECOND FLOOR.
- PROVIDE DEDICATED BRANCH CIRCUIT FOR CAB LIGHTING. ROUTE CIRCUIT THROUGH CONTROLLER IN JAMB ON SECOND FLOOR. CONTINUE TO FINAL CAB LIGHT CONNECTION POINT.
- PROVIDE FUSED DISCONNECTS FOR ELEVATOR. REFER TO DISCONNECT SCHEDULE FOR ADDITIONAL INFORMATION.
- PROVIDE FOUR (4) - 4" RIGID GALVANIZED STEEL SLEEVES FROM ABOVE CEILING OF ROOM TO ABOVE CEILING OF CORRIDOR.
- PROVIDE FOUR (4) - 3" RIGID GALVANIZED STEEL CONDUITS FROM IDF CLOSET TO MECHANICAL ROOM ON SECOND FLOOR FOR DATA CABLING ON SECOND FLOOR. TURN UP CONDUITS FROM ABOVE CEILING ON FIRST FLOOR INTO MECHANICAL ROOM. COORDINATE FINAL LOCATION OF CONDUIT TURN UP.
- ROUTE POWER FOR SUMP PUMP THROUGH CONTROL PANEL IN DATA CLOSET. REFER TO DETAIL ON SHEET P10.02 FOR ADDITIONAL INFORMATION ON SUMP PUMP WIRING REQUIREMENTS.
- PROVIDE DUPLEX RECEPTABLES AT RACK AS INDICATED. ATTACH RECEPTABLES TO LADDER RACK ABOVE.
- PROVIDE DEDICATED DUPLEX RECEPTABLES FOR CARD ACCESS AND INTRUSION DETECTION EXPANSION MODULES. COORDINATE WITH DIVISION 27 CONTRACTOR FOR FINAL RECEPTACLE LOCATIONS.
- EXTEND VAV CIRCUIT TO VAVS IN ALTERNATE AREA IS ALTERNATE IS ACCEPTED. REFER TO E00.03 FOR CIRCUIT INFORMATION.

WALL RATING LEGEND:



KEYPLAN:



ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS
541 North Carolina 561 S. Goldsboro, NC 27530



DKA JOB NUMBER
2401

DEWBERRY NUMBER
50171439

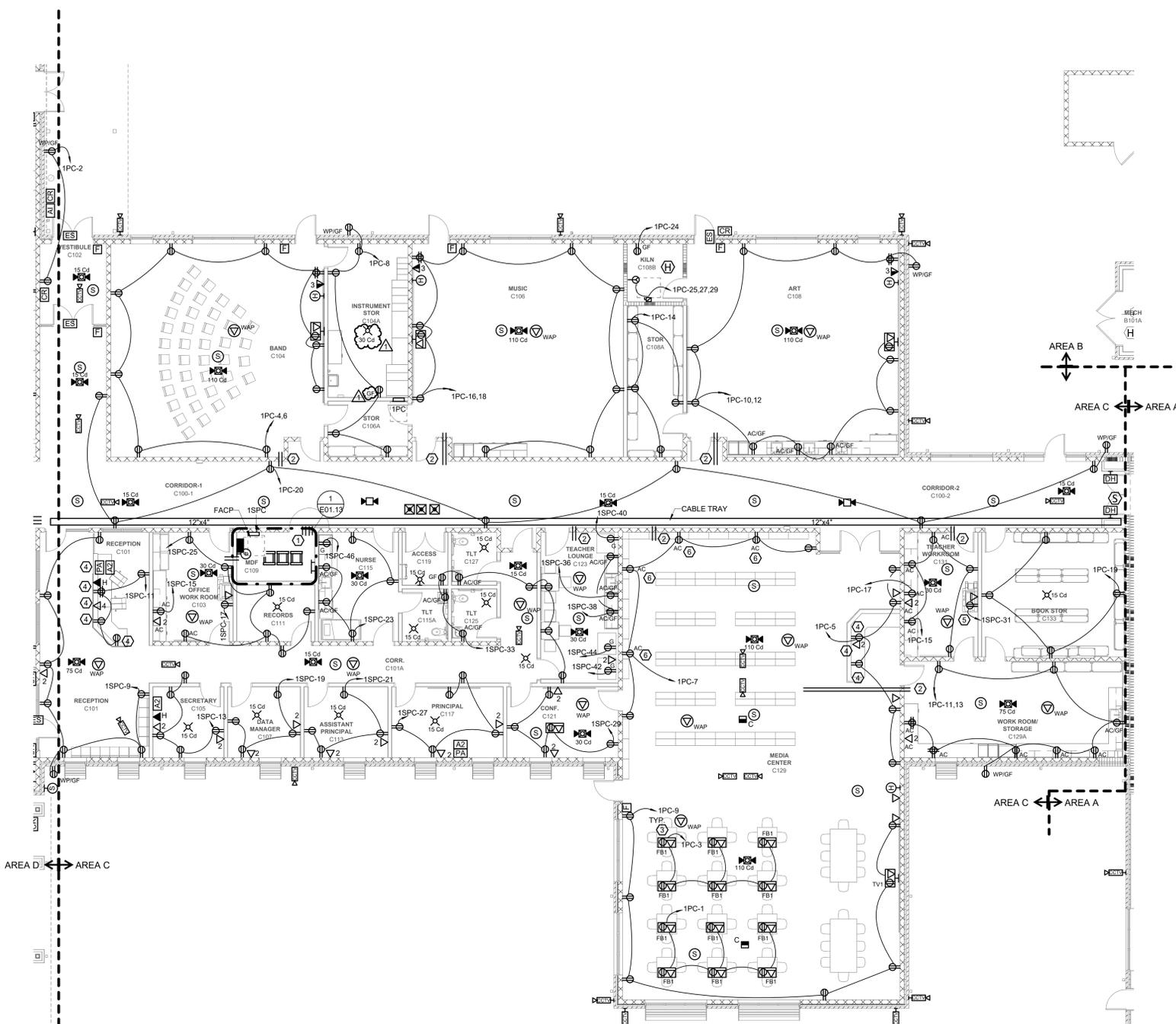
REVISIONS	
1	Addendum #1 02/03/2025

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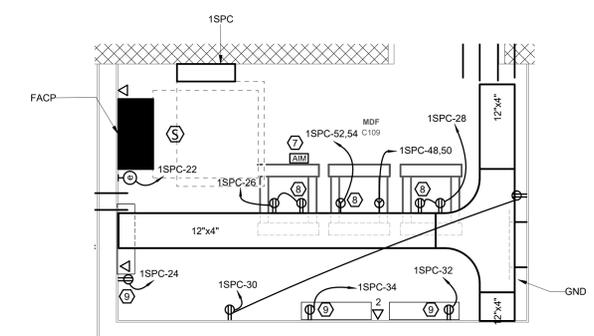
DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE
FIRST FLOOR POWER PLAN AREA A
E01.11



2 FIRST FLOOR POWER & LOW VOLTAGE PLAN AREA C
Scale: 1/8" = 1'-0"



1 ENLARGED MDF ROOM
Scale: 1/2" = 1'-0"

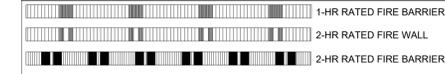
GENERAL NOTES:

- REFER TO SHEET E00.01 FOR ADDITIONAL ELECTRICAL GENERAL NOTES.
- LOW VOLTAGE SYSTEMS (I.E. CAMERAS/CCTV, INTERCOM, INTRUSION, AND CARD ACCESS) SHALL BE PROVIDED BY OTHERS. DIVISION 26 CONTRACTOR SHALL PROVIDE ROUGH-IN AND INFRASTRUCTURE FOR DEVICES AS INDICATED IN CONTRACT DRAWINGS AND SPECIFICATIONS. DEVICE LOCATIONS ARE SHOWN FOR REFERENCE ONLY. FINAL DEVICE LOCATIONS SHALL BE COORDINATED BETWEEN OWNER AND DIVISION 27 CONTRACTOR. REFER TO SHOP DRAWINGS FOR ROUGH-IN LOCATIONS.

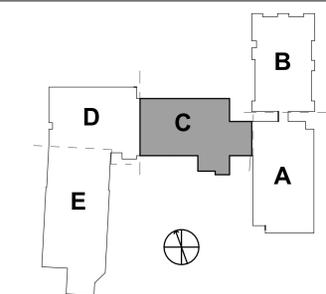
KEYNOTES:

- PROVIDE FOUR (4) - 4" RIGID GALVANIZED STEEL SLEEVES FROM ABOVE CEILING OF ROOM TO ABOVE CEILING OF CORRIDOR.
- PROVIDE TWO (2) - 3" RIGID GALVANIZED STEEL SLEEVES FROM ABOVE CEILING OF ROOM TO ABOVE CEILING OF CORRIDOR.
- TYPICAL FOR ALL FLOOR BOXES IN MEDIA CENTER. ROUTE CONDUIT UNDERGROUND FOR DATA CABLES FROM FLOOR BOX TO MDF ROOM.
- COORDINATE ROUGH-IN FOR RECEPTION DESK WITH DIV06 CONTRACTOR. REFER TO SHOP DRAWING FOR ADDITIONAL INFORMATION ON DESK.
- PROVIDE DEDICATED DUPLEX RECEPTACLE AND DATA OUTLET FOR NEW COPIER.
- MOUNT RECEPTACLE ABOVE BOOKCASE, AT APPROXIMATELY AT 86" AFF.
- PROVIDE RELAY MODULE FOR INTERCOM PA SYSTEM. RELAY SHALL SHUNT THE INTERCOM SYSTEM UPON ACTIVATION. COORDINATE WITH FIRE ALARM AND INTERCOM VENDORS FOR FINAL SYSTEM REQUIREMENTS.
- PROVIDE RECEPTACLES AT RACK AS INDICATED. ATTACH RECEPTACLES TO LADDER RACK ABOVE.
- COORDINATE FINAL POWER REQUIREMENTS WITH DIVISION 27 CONTRACTOR. CONTRACTOR SHALL PROVIDE POWER FOR INTRUSION, DOOR ACCESS, AND ELEVATOR COMMUNICATIONS AS REQUIRED.

WALL RATING LEGEND:



KEYPLAN:



ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION
 WAYNE COUNTY PUBLIC SCHOOLS
 5411 North Carolina 581 S. Goldsboro, NC 27530

SEALS



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2401

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REVISIONS

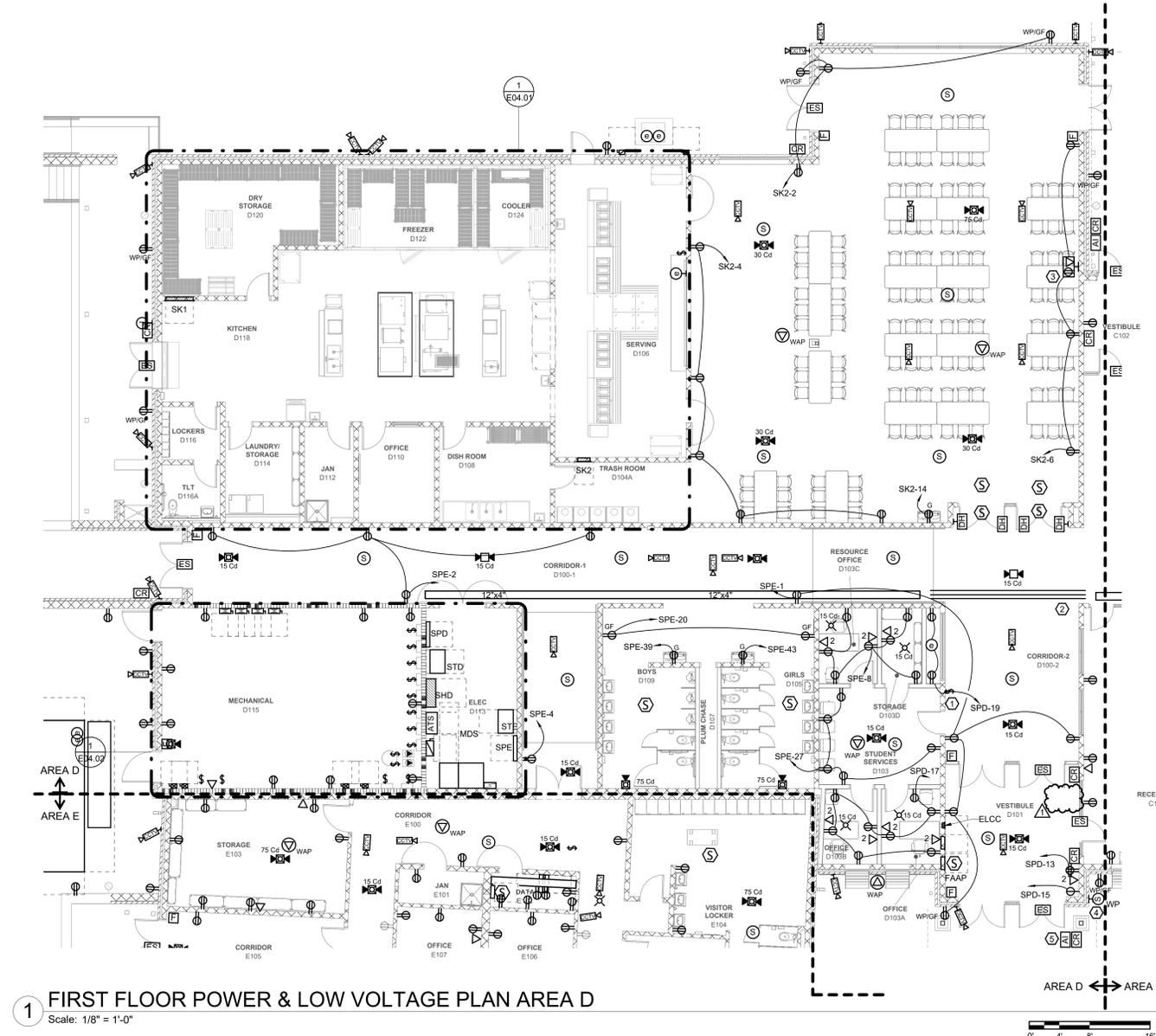
NO.	DESCRIPTION	DATE
1	Addendum #1	02/03/2025

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SHEET TITLE
FIRST FLOOR POWER PLAN AREA C
E01.13



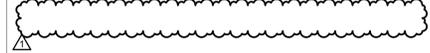
1 FIRST FLOOR POWER & LOW VOLTAGE PLAN AREA D
Scale: 1/8" = 1'-0"

GENERAL NOTES:

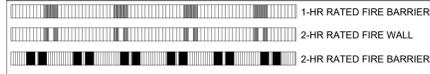
- REFER TO SHEET E00.01 FOR ADDITIONAL ELECTRICAL GENERAL NOTES.
- LOW VOLTAGE SYSTEMS (I.E. CAMERAS/CCTV, INTERCOM, INTRUSION, AND CARD ACCESS) SHALL BE PROVIDED BY OTHERS. DIVISION 26 CONTRACTOR SHALL PROVIDE ROUGH-IN AND INFRASTRUCTURE FOR DEVICES AS INDICATED IN CONTRACT DRAWINGS AND SPECIFICATIONS. DEVICE LOCATIONS ARE SHOWN FOR REFERENCE ONLY. FINAL DEVICE LOCATIONS SHALL BE COORDINATED BETWEEN OWNER AND DIVISION 27 CONTRACTOR. REFER TO SHOP DRAWINGS FOR ROUGH-IN LOCATIONS.

KEYNOTES:

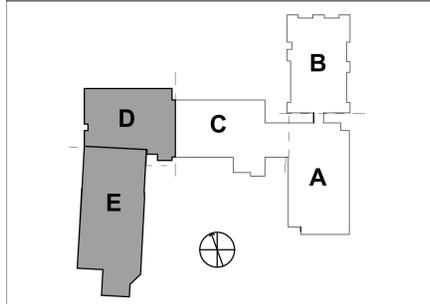
- PROVIDE KEYSWITCH FOR DISPLAY CASE. PROVIDE CONNECTION TO LIGHTS FURNISHED WITH DISPLAY CASE. PROVIDE DUPLEX RECEPTACLES IN CASE. COORDINATE WITH SHOP DRAWINGS FOR FINAL MOUNTING HEIGHTS.
- PROVIDE THREE (3) - 4" RIGID GALVANIZED STEEL SLEEVES FROM ABOVE CEILING OF ROOM TO ABOVE CEILING OF CORRIDOR.
- COORDINATE MOUNTING HEIGHT AND FINAL LOCATION OF PROJECTOR WITH ARCHITECTURAL ELEVATIONS AND OWNER.
- COORDINATE ROUGH-IN OF SECURITY, INTERCOM, AND CCTV DEVICES WITH ARCHITECTURAL ELEVATIONS AND SECTIONS. PROVIDE 1" C STUBBED BELOW GRADE TO MDF CLOSET FOR EACH DEVICE. PROVIDE PULL STRING AND NOTE WHERE CONDUIT IS TERMINATED AT IN THE MDF ROOM.
- COORDINATE ROUGH-IN OF SECURITY DEVICES WITH ARCHITECTURAL ELEVATIONS AND SECTIONS. PROVIDE 1-1/2" C STUBBED BELOW GRADE TO MDF CLOSET FOR EACH DEVICE. PROVIDE PULL STRING AND NOTE WHERE CONDUIT IS TERMINATED AT IN THE MDF ROOM. MOUNT EQUIPMENT SHOWN TO BOLLARD PROVIDED BY OTHERS.



WALL RATING LEGEND:



KEYPLAN:



**ROSEWOOD MIDDLE SCHOOL ADDITION
AND RENOVATION**
WAYNE COUNTY PUBLIC SCHOOLS
541 North Carolina 581 S. Goldsboro, NC 27530



DKA JOB NUMBER
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DEWBERRY NUMBER
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REVISIONS

NO.	DESCRIPTION	DATE
1	Addendum #1	02/03/2025

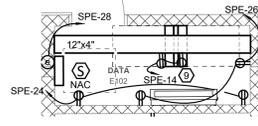
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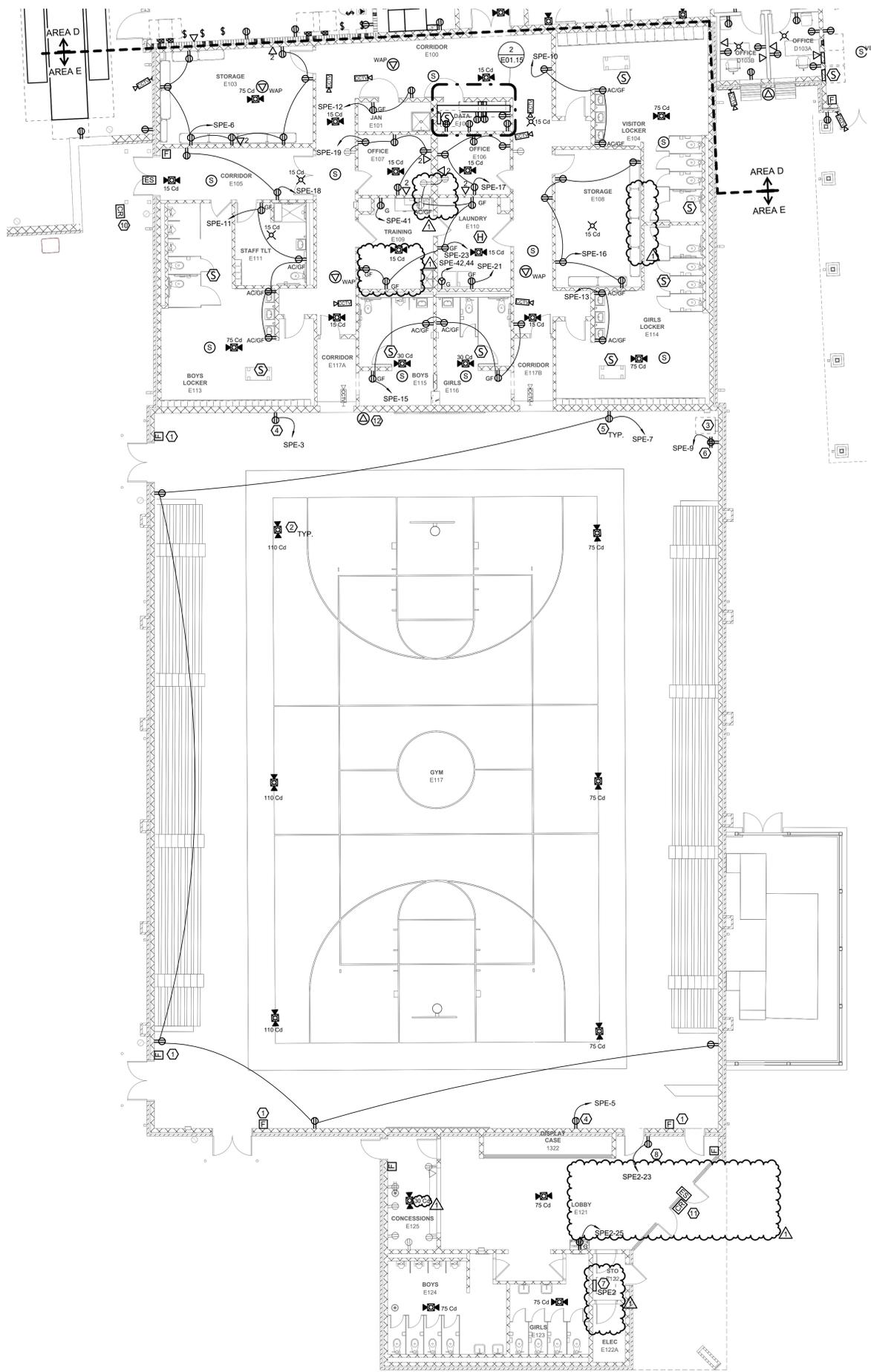
BID DOCUMENTS
01/10/2025

SHEET TITLE
FIRST FLOOR
POWER PLAN AREA
D

E01.14



2 ENLARGED DATA ROOM
Scale: 1/4" = 1'-0"



1 FIRST FLOOR POWER & LOW VOLTAGE PLAN AREA E
Scale: 1/8" = 1'-0"

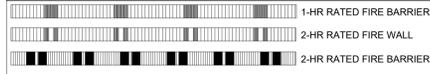
GENERAL NOTES:

- REFER TO SHEET E00.01 FOR ADDITIONAL ELECTRICAL GENERAL NOTES.
- LOW VOLTAGE SYSTEMS (I.E. CAMERAS/CCTV, INTERCOM, INTRUSION, AND CARD ACCESS) SHALL BE PROVIDED BY OTHERS. DIVISION 26 CONTRACTOR SHALL PROVIDE ROUGH-IN AND INFRASTRUCTURE FOR DEVICES AS INDICATED IN CONTRACT DRAWINGS AND SPECIFICATIONS. DEVICE LOCATIONS ARE SHOWN FOR REFERENCE ONLY. FINAL DEVICE LOCATIONS SHALL BE COORDINATED BETWEEN OWNER AND DIVISION 27 CONTRACTOR. REFER TO SHOP DRAWINGS FOR ROUGH-IN LOCATIONS.

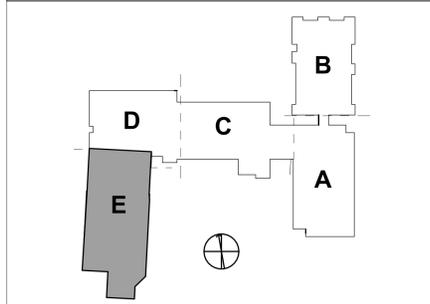
KEYNOTES:

- PROVIDE NEW PULL STATIONS FOR GYMNASIUM WHERE INDICATED ON PLANS. PROVIDE NEW CONDUIT AND PAINT TO MATCH EXISTING GYM WALL COLORS.
- PROVIDE NEW FA SPEAKER STROBES FOR GYMNASIUM WHERE INDICATED ON PLANS. PROVIDE NEW CONDUIT AND PAINT WHITE.
- PROVIDE TERMINAL STRIP IN EXISTING PANELBOARD CAN. EXTEND EXISTING BRANCH CIRCUITS INDICATED ON DEMO PLAN TO NEW PANELBOARD. PROVIDE NEW COVER ON PANELBOARD CAN TO MATCH EXISTING CAN SIZE.
- PROVIDE NEW RECEPTACLE FOR SCOREBOARD. PROVIDE NEW BRANCH CIRCUIT, INCLUDING WIRE AND CONDUIT. COORDINATE FINAL MOUNTING HEIGHT WITH EXISTING SCOREBOARD PLUG LOCATION.
- PROVIDE NEW GENERAL PURPOSE RECEPTACLES FOR GYMNASIUM. PROVIDE NEW CONDUIT AND WIRE. NEW CONDUIT SHALL BE PAINTED TO MATCH THE EXISTING GYMNASIUM PAINT COLOR.
- PROVIDE NEW DEDICATED QUAD RECEPTACLE FOR EXISTING SOUND SYSTEM. PROVIDE NEW BRANCH CIRCUIT, INCLUDING WIRE AND CONDUIT. PAINT CONDUIT TO MATCH THE EXISTING WALL COLORS.
- PROVIDE NEW FEEDER TO EXISTING PANEL. EXTEND FEEDER FOR PANEL FROM DEMOLISHED PANEL IN GYMNASIUM. REFER TO RISER DIAGRAM FOR ADDITIONAL INFORMATION ON EXISTING PANEL.
- PROVIDE NEW DEDICATED RECEPTACLE FOR MAGOMETER.
- PROVIDE DUPLEX RECEPTACLES AT RACK AS INDICATED. ATTACH RECEPTACLES TO LADDER RACK ABOVE.
- COORDINATE ROUGH-IN OF SECURITY DEVICES WITH ARCHITECTURAL ELEVATIONS AND SECTIONS. PROVIDE 1-1/2" STUBBED BELOW GRADE TO MDF CLOSET FOR EACH DEVICE. PROVIDE PULL STRING AND NOTE WHERE CONDUIT IS TERMINATED AT IN THE MDF ROOM. MOUNT EQUIPMENT SHOWN TO BOLLARD PROVIDED BY OTHERS.
- PROVIDE MULLION MOUNT CARD READER FOR VESTIBULE DOOR. COORDINATE ROUGH-IN WITH SECURITY VENDOR.
- PROVIDE NEW DATA OUTLET FOR WAP. MOUNT AT 144" AFF. PROVIDE WIRE GUARD AROUND NEW WAP. PROVIDE CONDUIT TO ACCESSIBLE CEILING LOCATION.

WALL RATING LEGEND:



KEYPLAN:



ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

SEALS



DKA JOB NUMBER
2401

DEWBERRY NUMBER
50171439

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01/10/2025

SHEET TITLE
FIRST FLOOR
POWER PLAN AREA
E

E01.15



DAVIS KANE
ARCHITECTS, P.A.
503 OBERLIN ROAD | SUITE 300
RALIGH, NC 27605
919.833.3337
www.davis-kane.com

PROJECT INFORMATION
Dewberry

Dewberry Engineers Inc.
200 West Hargett
Raleigh, NC 27601-3073
919.833.3337
NC License No. 7-0089

PROJECT INFORMATION

**ROSEWOOD MIDDLE SCHOOL ADDITION
AND RENOVATION**
WAYNE COUNTY PUBLIC SCHOOLS

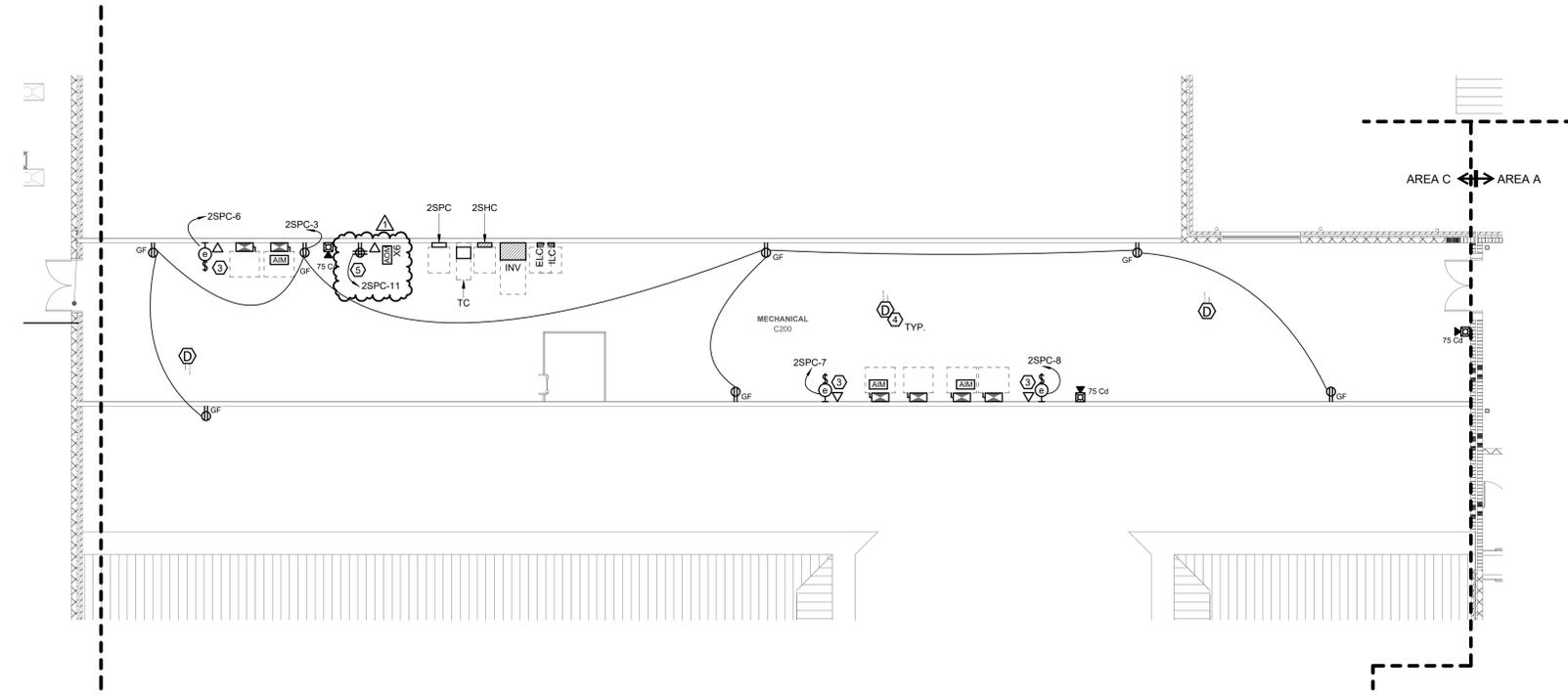
5411 North Carolina 581 S. Goldsboro, NC 27530

GENERAL NOTES:

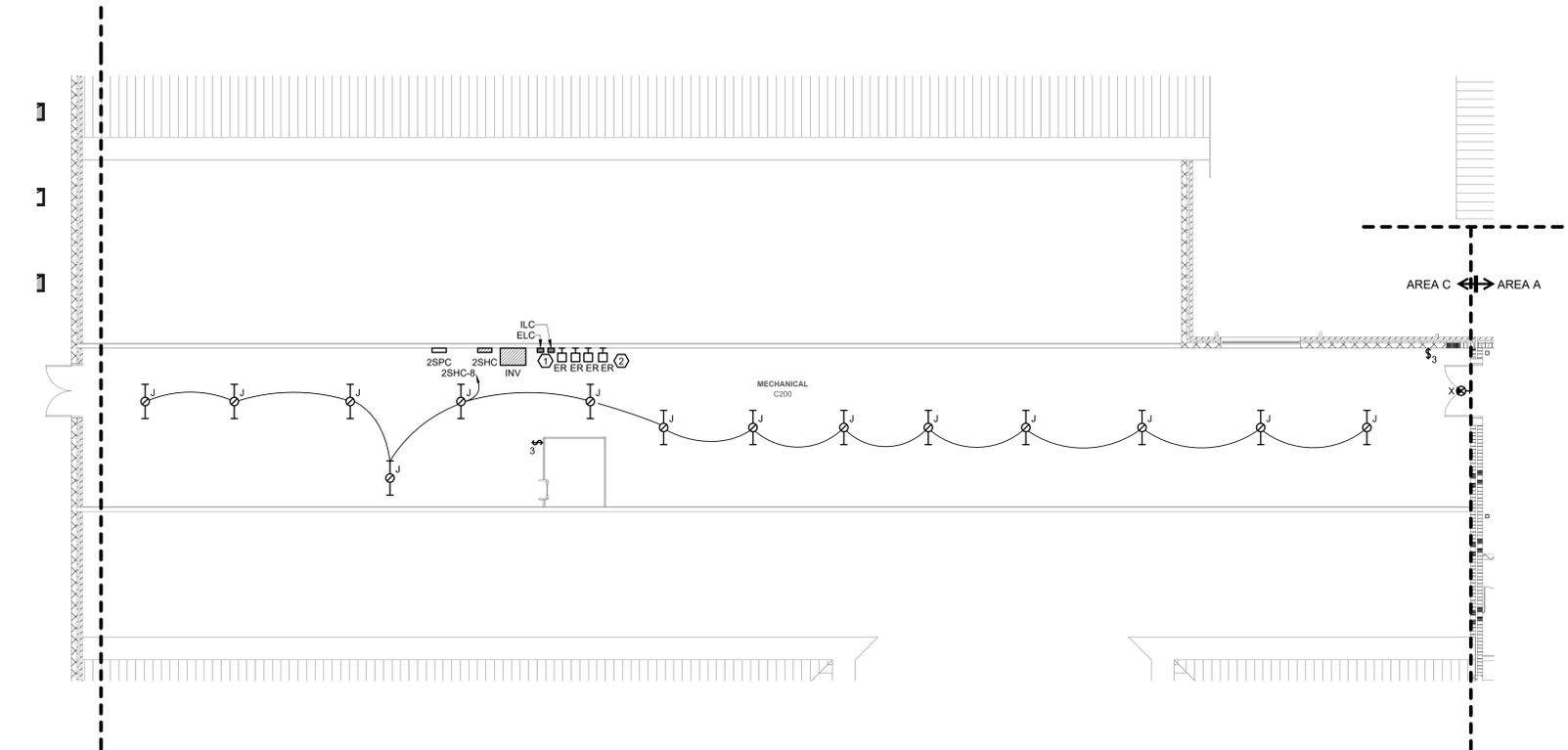
- REFER TO SHEET E00.01 FOR ADDITIONAL ELECTRICAL GENERAL NOTES.
- REFER TO SHEET E00.04 FOR MECHANICAL EQUIPMENT CONNECTION INFORMATION.

KEYNOTES:

- PROVIDE INTERIOR AND EXTERIOR LIGHTING CONTACTORS. CONTACTORS SHALL HAVE HAND, OFF, AUTO, OR HOA SWITCH. COORDINATE WITH BAS PROVIDER ON CONTROLS FOR CONTACTOR. REFER TO LIGHTING CONTACTOR SCHEDULE FOR ADDITIONAL INFORMATION.
- PROVIDE EMERGENCY RELAY UL924 DEVICES FOR CORRIDOR AND EXTERIOR EMERGENCY LIGHTS. REFER TO EMERGENCY RELAY SCHEDULE FOR QUANTITIES AND CIRCUIT NUMBERS.
- POWER AND DATA FOR BAS CONTROL PANEL. PROVIDE TOGGLE SWITCH FOR 120V. PROVIDE 3/4" TC TO MDF ROOM AND BACK BOX AND BLANK COVER PLATE FOR DATA JACK.
- REMOTE TEST SWITCH AND INDICATOR LIGHT IN CORRIDOR BELOW MECHANICAL C200. REFER TO FIRST FLOOR POWER PLAN AREA "C" FOR LOCATION(S).
- PROVIDE 4X8 PLYWOOD BACKBOARD FOR BDA EQUIPMENT. DEDICATED QUAD AND DATA ARE FOR BDA. PROVIDE FIRE ALARM RELAYS FOR BDA MONITORING.



1 SECOND FLOOR POWER & LOW VOLTAGE PLAN AREA C
Scale: 1/8" = 1'-0"

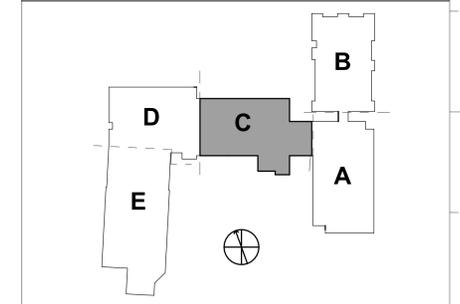


2 SECOND FLOOR LIGHTING PLAN AREA C
Scale: 1/8" = 1'-0"

WALL RATING LEGEND:

- 1-HR RATED FIRE BARRIER
- 2-HR RATED FIRE WALL
- 2-HR RATED FIRE BARRIER

KEYPLAN:



SEALS



DKA JOB NUMBER
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1 Addendum #1 02/03/2025

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01/10/2025

SHEET TITLE
SECOND FLOOR
POWER & LIGHTING
PLAN AREA C

E02.03

PANEL: 2PA3 ALTERNATE A

LOCATION: 2PA1 SUPPLY FROM: 2PA1 MOUNTING: FLUSH ENCLOSURE: Type 1

VOLTS: 208Y/120V 3PH PHASES: 3 WIRES: 4 SE RATES: NO

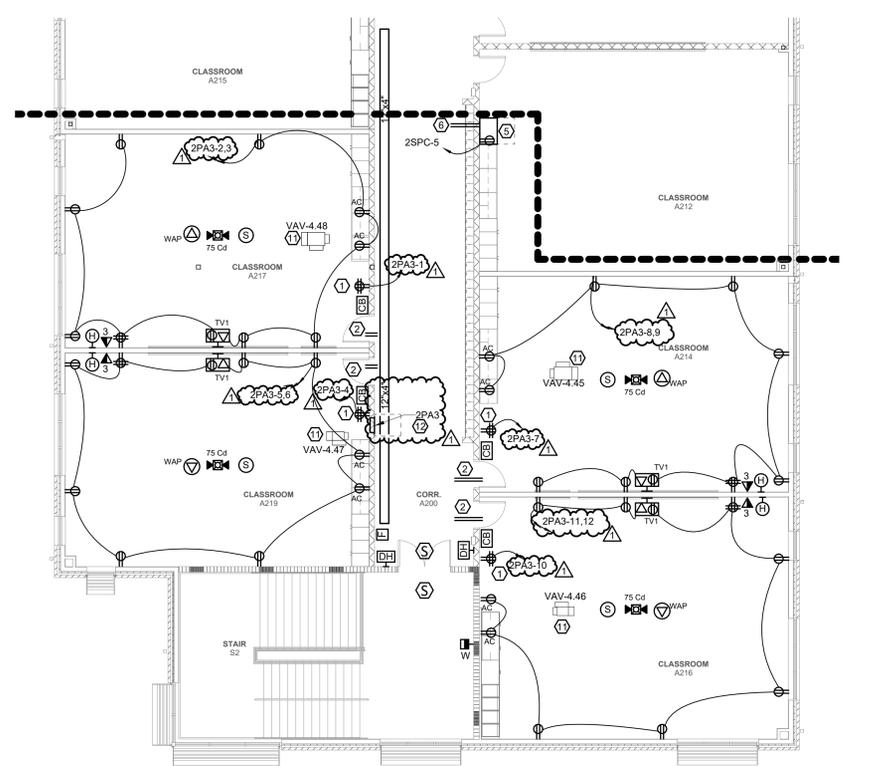
MAINS TYPE: MLO BUS RATING: 100 A NEUTRAL RATING: 100.00% MINIMUM KAIC: 18

CALCULATED Ibc:											
CKT	LOAD SERVED	CB	P	A	B	C	P	CB	LOAD SERVED	CKT	
1	REC. CART - CLASSRM A217	20 A	1	360	1080			1	20 A	REC. CLASSRM A217	2
3	REC. CLASSRM A217	20 A	1		900	360		1	20 A	REC. CLASSRM A219	4
5	REC. CLASSRM A219	20 A	1					1	20 A	REC. CLASSRM A214	6
7	REC. CART - CLASSRM A214	20 A	1	360	900			1	20 A	REC. CLASSRM A216	10
9	REC. CLASSRM A214	20 A	1		1080	360		1	20 A	REC. CLASSRM A216	12
11	REC. CLASSRM A216	20 A	1					1	20 A	SPARE	14
13	SPARE	20 A	1	0	0			1	20 A	SPARE	16
15	SPARE	20 A	1		0	0		1	20 A	SPARE	18
17	SPARE	20 A	1					1	20 A	SPARE	20
19	SPARE	20 A	1	0	0			1	20 A	SPARE	22
21	SPACE	--	1	--	--	--	--	1	--	SPACE	24
23	SPACE	--	1	--	--	--	--	1	--	SPACE	26
25	SPACE	--	1	--	--	--	--	1	--	SPACE	28
27	SPACE	--	1	--	--	--	--	1	--	SPACE	30
29	SPACE	--	1	--	--	--	--	1	--	SPACE	
CONNECTED LOAD:				2700 VA	2700 VA	3960 VA					
CONNECTED AMPS:				23 A	23 A	33 A					
DEMAND AMPS:				23 A	23 A	33 A					

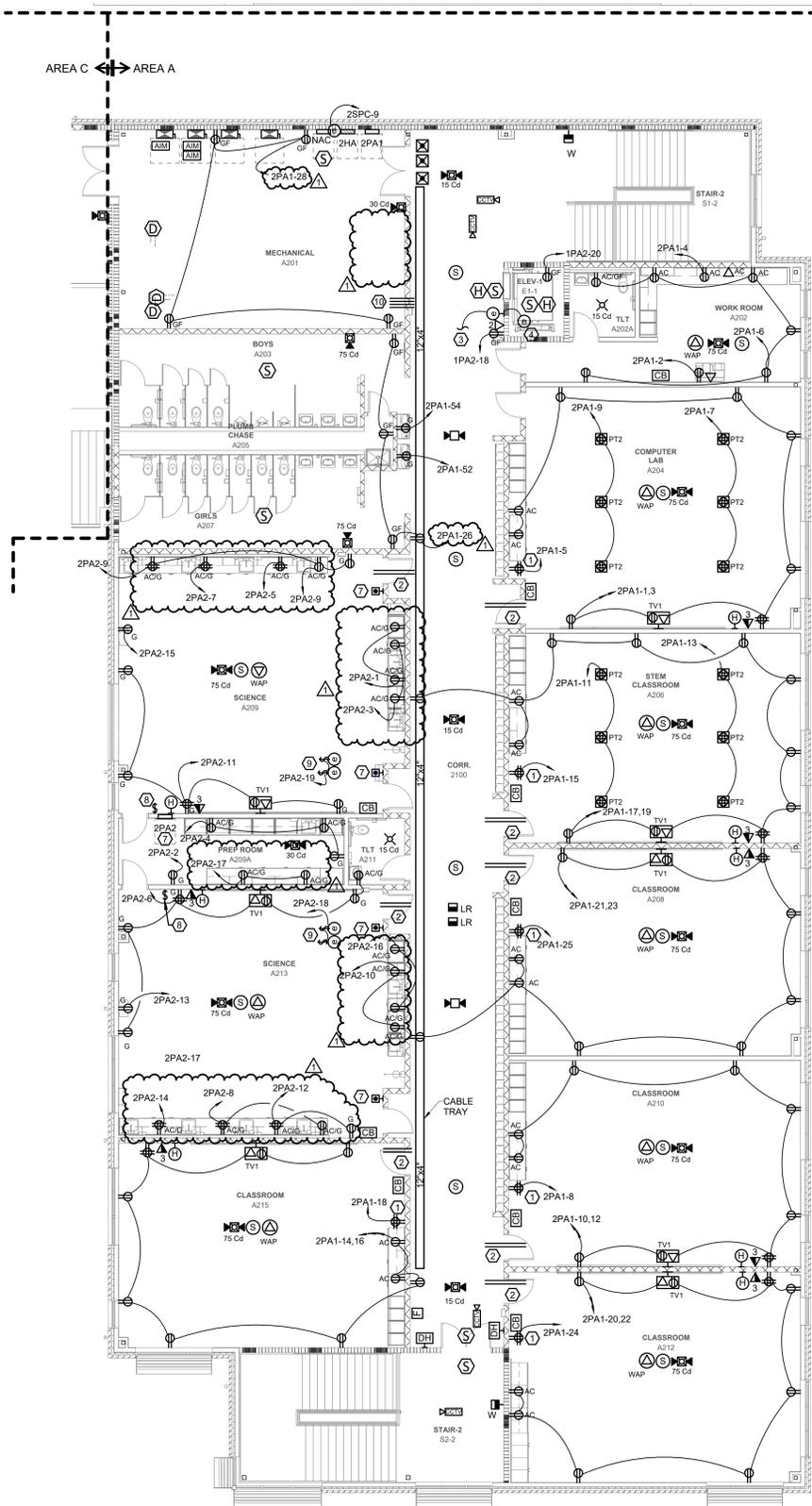
BREAKER NOTES:
 * INDICATES BREAKER TYPE: 1=GFCI (6mA), 2=GECB (30mA/100mA), 3=SHUNT TRIP, 4=AFCL, 5=SUBFEED BREAKER, 6=L, 7=LSI, 8=LSIG, 9=LOCKING DEVICE, 10=NEW BREAKER IN EXISTING, 11=EXISTING BREAKER.

LOAD CLASSIFICATION

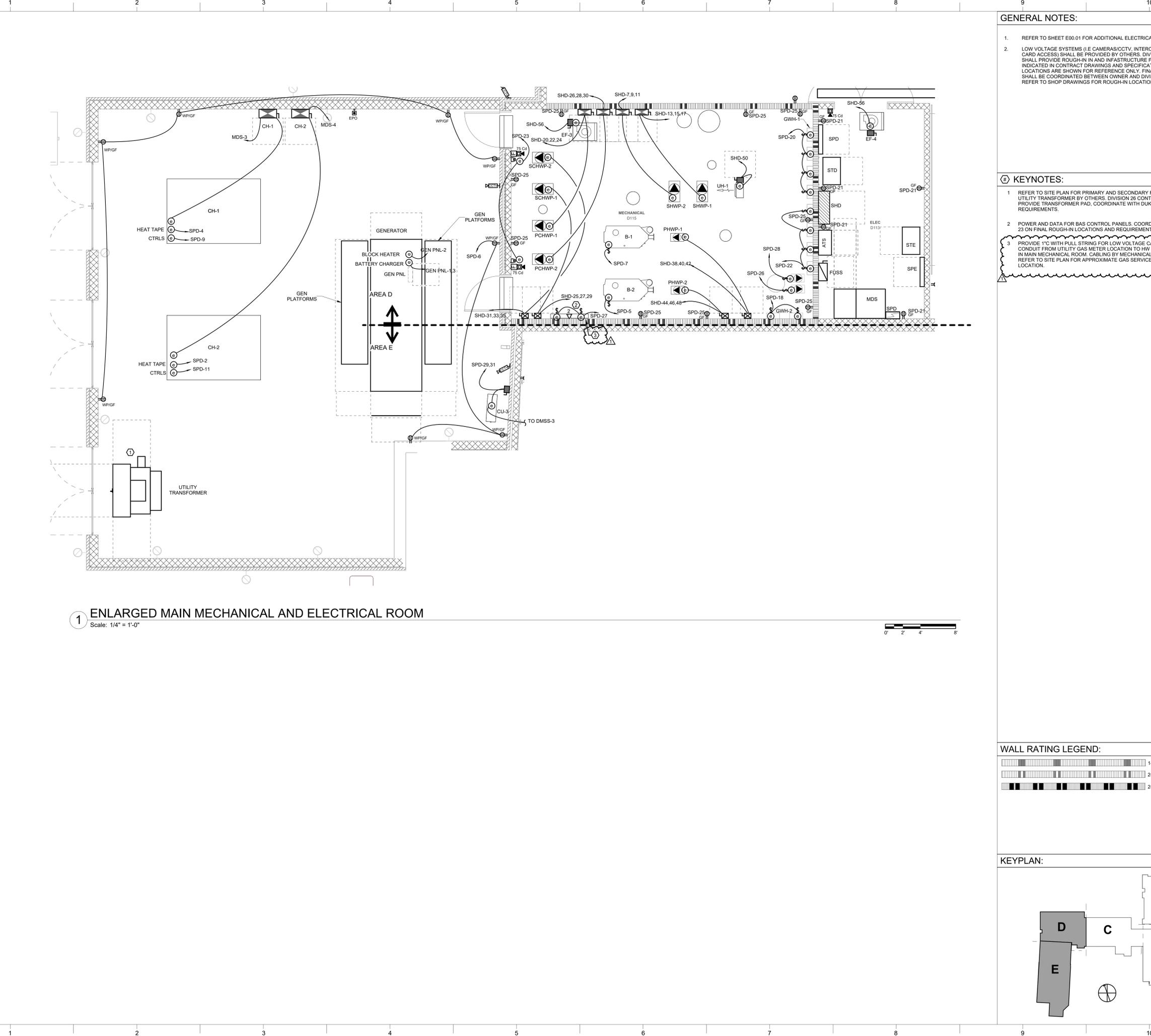
RECEPTACLE	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
Receptacle	8640 VA	100.00%	8640 VA	TOTAL LOAD: 9360 VA
Power	720 VA	100.00%	720 VA	DEMAND LOAD: 9360 VA
				DEMAND AMPS: 26 A



2 SECOND FLOOR POWER & LOW VOLTAGE PLAN AREA A ALTERNATE
 Scale: 1/8" = 1'-0"



K
J
H
G
F
E
D
C
B
A



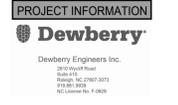
1 ENLARGED MAIN MECHANICAL AND ELECTRICAL ROOM
Scale: 1/4" = 1'-0"

GENERAL NOTES:

- REFER TO SHEET E00.01 FOR ADDITIONAL ELECTRICAL GENERAL NOTES.
- LOW VOLTAGE SYSTEMS (IE CAMERAS/CCTV, INTERCOM, INTRUSION, AND CARD ACCESS) SHALL BE PROVIDED BY OTHERS. DIVISION 26 CONTRACTOR SHALL PROVIDE ROUGH-IN AND INFRASTRUCTURE FOR DEVICES AS INDICATED IN CONTRACT DRAWINGS AND SPECIFICATIONS. DEVICE LOCATIONS ARE SHOWN FOR REFERENCE ONLY. FINAL DEVICE LOCATIONS SHALL BE COORDINATED BETWEEN OWNER AND DIVISION 27 CONTRACTOR. REFER TO SHOP DRAWINGS FOR ROUGH-IN LOCATIONS.

KEYNOTES:

- REFER TO SITE PLAN FOR PRIMARY AND SECONDARY FEEDER ROUTING FOR UTILITY TRANSFORMER BY OTHERS. DIVISION 26 CONTRACTOR SHALL PROVIDE TRANSFORMER PAD, COORDINATE WITH DUKE ON FINAL PAD REQUIREMENTS.
- POWER AND DATA FOR BAS CONTROL PANELS. COORDINATE WITH DIVISION 23 ON FINAL ROUGH-IN LOCATIONS AND REQUIREMENTS.
- PROVIDE 1" C WITH PULL STRING FOR LOW VOLTAGE CABLING. PROVIDE CONDUIT FROM UTILITY GAS METER LOCATION TO HW BAS PANEL LOCATED IN MAIN MECHANICAL ROOM. CABLING BY MECHANICAL CONTRACTOR. REFER TO SITE PLAN FOR APPROXIMATE GAS SERVICE ENTRANCE LOCATION.



ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS
5411 North Carolina 581 S. Goldsboro, NC 27530

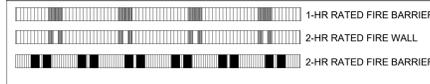


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2401

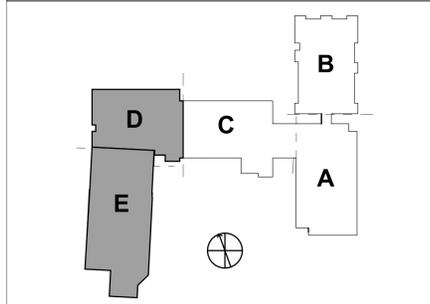
DEWBERRY NUMBER
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REVISIONS	
1	Addendum #1 02/03/2025

WALL RATING LEGEND:



KEYPLAN:



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PA: ROBERT STEVENSON
PM: BK
Drawn By: MEH
Plot Date: 1/30/2025 2:00:04 PM

DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE
LARGE SCALE FLOOR PLANS

E04.02



503 OBERLIN ROAD | SUITE 300
RALIGH, NC 27605
919.833.3377
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PROJECT INFORMATION
Dewberry
Dewberry Engineers Inc.
10000 Old Forest Road
Raleigh, NC 27607-3073
919.833.3377
NC License No. 71488

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 561 S. Goldsboro, NC 27530

SEALS



DKA JOB NUMBER
2401

DEWBERRY NUMBER
50171439

REVISIONS
1 Addendum #1 02/03/2025

PA: ROBERT STEVENSON
PM: BK
Drawn By: MEH
Plot Date: 1/30/2025 2:00:10 PM

DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE
PANEL SCHEDULES

E06.02

PANEL: SPD PRE PURCHASE. LOCATION: ELEC D113. SUPPLY FROM: STD. MOUNTING: Surface. ENCLASURE: Type 1. MAINS TYPE: MCB. BREAKER RATING: 450 A. BUS RATING: 600 A. NEUTRAL RATING: 100.00%. MINIMUM KAIC: 10. Table with columns: CKT, LOAD SERVED, CB, P, A, B, C, P, CB, LOAD SERVED, CKT. Includes breaker notes and load classification table.

PANEL: SHD PRE PURCHASE. LOCATION: ELEC D113. SUPPLY FROM: ATS. MOUNTING: Surface. ENCLASURE: Type 1. MAINS TYPE: MCB. BREAKER RATING: 800 A. BUS RATING: 800 A. NEUTRAL RATING: 100.00%. MINIMUM KAIC: 35. Table with columns: CKT, LOAD SERVED, CB, P, A, B, C, P, CB, LOAD SERVED, CKT. Includes breaker notes and load classification table.

PANEL: 1HA PRE PURCHASE. LOCATION: ELEC A102. SUPPLY FROM: MDS. MOUNTING: Surface. ENCLASURE: Type 1. MAINS TYPE: MCB. BREAKER RATING: 400 A. BUS RATING: 1000 A. NEUTRAL RATING: 100.00%. MINIMUM KAIC: 35. Table with columns: CKT, LOAD SERVED, CB, P, A, B, C, P, CB, LOAD SERVED, CKT. Includes breaker notes and load classification table.

PANEL: SPE PRE PURCHASE. LOCATION: ELEC D113. SUPPLY FROM: STE. MOUNTING: Surface. ENCLASURE: Type 1. MAINS TYPE: MCB. BREAKER RATING: 450 A. BUS RATING: 600 A. NEUTRAL RATING: 100.00%. MINIMUM KAIC: 10. Table with columns: CKT, LOAD SERVED, CB, P, A, B, C, P, CB, LOAD SERVED, CKT. Includes breaker notes and load classification table.

PANEL: 1PA1 PRE PURCHASE. LOCATION: ELEC A102. SUPPLY FROM: Surface. MOUNTING: Surface. ENCLASURE: Type 1. MAINS TYPE: MCB. BREAKER RATING: 350 A. BUS RATING: 400 A. NEUTRAL RATING: 100.00%. MINIMUM KAIC: 10. Table with columns: CKT, LOAD SERVED, CB, P, A, B, C, P, CB, LOAD SERVED, CKT. Includes breaker notes and load classification table.

PANEL: SPE2 PRE PURCHASE. LOCATION: SPE. SUPPLY FROM: SPE. MOUNTING: Surface. ENCLASURE: Type 1. MAINS TYPE: MLO. BREAKER RATING: 100 A. BUS RATING: 100 A. NEUTRAL RATING: 100.00%. MINIMUM KAIC: 10. Table with columns: CKT, LOAD SERVED, CB, P, A, B, C, P, CB, LOAD SERVED, CKT. Includes breaker notes and load classification table.

PANEL: 1PK

LOCATION: E/C CLASSROOM... VOLTS: 208Y/120V 3PH
 SUPPLY FROM: 1PA1 PHASES: 3
 MOUNTING: Recessed WIRES: 4
 ENCLOSURE: Type 1 SE RATED: NO
 CALCULATED Isc: MAINS TYPE: MCB
 BREAKER RATING: 100 A
 BUS RATING: 100 A
 NEUTRAL RATING: 100.00%
 MINIMUM KAIC: 10

CKT	LOAD SERVED	CB	P	*	A	B	C	*	P	CB	LOAD SERVED	CKT	
1	REC: FRIDGE EC KITCHEN A113B	20 A	1	1	1440	360				1	20 A	REC: TLT A113A	2
3	REC: EC KITCHEN A113B	20 A	1	1		360	1260			1	20 A	REC: EC CLASS A113	4
5	REC: MICRO EC KITCHEN A113B	20 A	1	1			960	1080		1	20 A	REC: EC KITCHEN A113B	6
7	REC: WASHER EC KITCHEN...	20 A	1	1	1440	1920				1	20 A	REC: EC KITCHEN A113B	8
9	SPARE	20 A	1	--						--	20 A	SPARE	10
11	SPARE	20 A	1	--						--	20 A	SPARE	12
13	SPARE	20 A	1	--	0	0				--	20 A	SPARE	14
15	SPARE	20 A	1	--		0	0			--	20 A	SPARE	16
17	SPARE	20 A	1	--			0	0		--	20 A	SPARE	18
19	SPARE	20 A	2	--	0	0				--	20 A	SPARE	20
21	SPARE	20 A	2	--		0	0			--	20 A	SPARE	22
23	REC: DRYER EC KITCHEN A113B	30 A	2	1			2500	0		--	20 A	SPARE	24
25	3#10, #10G IN 1" C				2500	--				--	1	SPACE	26
27	REC: OVEN EC KITCHEN A113B	50 A	2	1			4000	--		--	1	SPACE	28
29	3#6, #8G IN 1" C							4000	--	--	1	SPACE	30
CONNECTED LOAD:					7660 VA		5620 VA				8540 VA		
CONNECTED AMPS:					66 A		47 A				74 A		
DEMAND AMPS:					66 A		47 A				74 A		

BREAKER NOTES:
 *INDICATES BREAKER TYPE: 1=GFCI (6mA), 2= GECB (30mA/100mA), 3=SHUNT TRIP, 4=AFCI, 5=SUBFEED BREAKER, 6=L1, 7=L2, 8=L3, 9= LOCKING DEVICE, 10=NEW BREAKER IN EXISTING, 11=EXISTING BREAKER.

PANEL NOTES:
 PROVIDE SHUNT ON MAIN BREAKER - CONNECT TO EPO BUTTON(S).

LOAD CLASSIFICATION	CONNECTED LOAD	Demand Factor	ESTIMATED DEMAND	PANEL TOTALS
Receptacle	9640 VA	100.00%	9640 VA	TOTAL LOAD: 21620 VA
Power	180 VA	100.00%	180 VA	DEMAND FACTOR: 100.00%
Electric Clothes Dryer	5000 VA	100.00%	5000 VA	DEMAND LOAD: 21820 VA
Kitchen Equipment	8000 VA	100.00%	8000 VA	DEMAND AMPS: 61 A

PANEL: 1PA2

LOCATION: ELEC A102 VOLTS: 208Y/120V 3PH
 SUPPLY FROM: 1PA1 PHASES: 3
 MOUNTING: Surface WIRES: 4
 ENCLOSURE: Type 1 SE RATED: NO
 CALCULATED Isc: MAINS TYPE: MLO
 BREAKER RATING: 100 A
 BUS RATING: 100.00%
 NEUTRAL RATING: 100.00%
 MINIMUM KAIC: 10

CKT	LOAD SERVED	CB	P	*	A	B	C	*	P	CB	LOAD SERVED	CKT			
1	REC: ALT CART	20 A	1		360	1080				1	20 A	REC: ALT	2		
3	REC: ALT	20 A	1			720	1080			1	20 A	REC: ALT	4		
5	REC: ALT	20 A	1				720	360		1	20 A	REC: ALT CART	6		
7	SPARE	20 A	1	--	0	0				--	20 A	SPARE	8		
9	SPARE	20 A	1	--			0	1080		--	20 A	REC: CLASS ALT	10		
11	REC: CLASS ALT	20 A	1				900	360		1	20 A	REC: ALT CART STAIR-1 S2-1	12		
13	REC: ALT	20 A	1		1260	720				1	20 A	REC: ALT	14		
15	REC: ALT CART	20 A	1			360	180			1	20 A	REC: PIT ELEV-2 E1-2	16		
17	REC: ELEV-2 SUMPPUMP	20 A	1				90	180		1	20 A	REC: ELEV CTRL CORR. 2100	18		
19	LTS: PIT ELEV-2 E1-2	20 A	1		240	180				1	20 A	REC: TOP OF SHAFT ELEV E1-1	20		
21	EF-11: ELEC A102 2#12, #12G IN...	15 A	1			696	1000			1	20 A	LTS: ELEV-1 E1-1	22		
23	EF-12: RISER A104 2#12, #12G IN...	15 A	1				696	0		--	20 A	SPARE	24		
25	SPARE	20 A	1	--	0	0				--	20 A	SPARE	26		
27	SPARE	20 A	1	--			0	0		--	20 A	SPARE	28		
29	SPARE	20 A	1	--			0	0		--	20 A	SPARE	30		
31	SPARE	20 A	1	--	0	0				--	20 A	SPARE	32		
33	SPARE	20 A	1	--			0	0		--	20 A	SPARE	34		
35	SPARE	20 A	1	--			0	0		--	20 A	SPARE	36		
37	SPARE	20 A	1	--	0	0				--	20 A	SPARE	38		
39	CJ-2/DISS-2	20 A	2			1000	0			--	2	30 A	SPARE	40	
41	3#12, #12G IN 3/4" C							1000	0		--	2	30 A	SPARE	42
CONNECTED LOAD:					3840 VA		6116 VA				4306 VA				
CONNECTED AMPS:					32 A		52 A				36 A				
DEMAND AMPS:					34 A		54 A				38 A				

BREAKER NOTES:
 *INDICATES BREAKER TYPE: 1=GFCI (6mA), 2= GECB (30mA/100mA), 3=SHUNT TRIP, 4=AFCI, 5=SUBFEED BREAKER, 6=L1, 7=L2, 8=L3, 9= LOCKING DEVICE, 10=NEW BREAKER IN EXISTING, 11=EXISTING BREAKER.

PANEL NOTES:

LOAD CLASSIFICATION	CONNECTED LOAD	Demand Factor	ESTIMATED DEMAND	PANEL TOTALS
Lighting	740 VA	125.00%	925 VA	TOTAL LOAD: 14262 VA
Motor	3392 VA	114.74%	3892 VA	DEMAND FACTOR: 104.80%
Receptacle	8910 VA	100.00%	8910 VA	DEMAND LOAD: 14947 VA
Power	1220 VA	100.00%	1220 VA	DEMAND AMPS: 41 A

PANEL: 1PC

LOCATION: STOR C106A VOLTS: 208Y/120V 3PH
 SUPPLY FROM: 1PA1 PHASES: 3
 MOUNTING: RECESSED WIRES: 4
 ENCLOSURE: Type 1 SE RATED: NO
 CALCULATED Isc: MAINS TYPE: MCB
 BREAKER RATING: 100 A
 BUS RATING: 100 A
 NEUTRAL RATING: 100.00%
 MINIMUM KAIC: 10

CKT	LOAD SERVED	CB	P	*	A	B	C	*	P	CB	LOAD SERVED	CKT		
1	FLR BX: MEDIA CENTER C129	20 A	1		1080	360				1	20 A	REC: VESTIBULE C102	2	
3	FLR BX: MEDIA CENTER C129	20 A	1			1080	900			1	20 A	REC: BAND C104	4	
5	REC: MEDIA CENTER C129	20 A	1				1080	1080		1	20 A	REC: BAND C104	6	
7	REC: MEDIA CENTER C129	20 A	1		1080	1080				1	20 A	REC: BAND C106A, C106A	8	
9	REC: MEDIA CENTER C129	20 A	1			1260	1080			1	20 A	REC: ART C108	10	
11	REC: WRKRMSTG C129A	20 A	1				1080	1260		1	20 A	REC: ART C108	12	
13	REC: WRKRMSTG C129A	20 A	1		900	720				1	20 A	REC: STOR C108A	14	
15	REC: TEACH WRKRM C131	20 A	1			900	900			1	20 A	REC: MUSIC C106	16	
17	REC: TEACH WRKRM C131	20 A	1				180	1080		1	20 A	REC: MUSIC C106	18	
19	REC: BOOK STOR C133	20 A	1		720	1440				1	20 A	REC: CORR. 2 C100-2	20	
21	EF-7: ART 1220 2#12, #12G IN...	25 A	1			1176	350			1	20 A	VAV3.01.02.04.17.18 C106.129.131	22	
23	EF-8: KILN 1220B 2#12, #12G IN...	15 A	1				696	180		1	20 A	REC: KILN C108B	24	
25	REC: KILN C108B	50 A	3		3328	90				--	1	20 A	LTS: MEDIA CENTER C129	26
27	REC: KILN C108B	50 A	3			3328	0			--	1	20 A	SPARE	28
29	3#6, #10G IN 1" C						3328	0		--	1	20 A	SPARE	30
CONNECTED LOAD:					10798 VA		10974 VA				9964 VA			
CONNECTED AMPS:					91 A		93 A				83 A			
DEMAND AMPS:					68 A		69 A				62 A			

BREAKER NOTES:
 *INDICATES BREAKER TYPE: 1=GFCI (6mA), 2= GECB (30mA/100mA), 3=SHUNT TRIP, 4=AFCI, 5=SUBFEED BREAKER, 6=L1, 7=L2, 8=L3, 9= LOCKING DEVICE, 10=NEW BREAKER IN EXISTING, 11=EXISTING BREAKER.

PANEL NOTES:

LOAD CLASSIFICATION	CONNECTED LOAD	Demand Factor	ESTIMATED DEMAND	PANEL TOTALS
HVAC	350 VA	100.00%	350 VA	TOTAL LOAD: 31736 VA
Lighting	90 VA	125.00%	113 VA	DEMAND FACTOR: 74.93%
Motor	1872 VA	115.71%	2166 VA	DEMAND LOAD: 23781 VA
Receptacle	26544 VA	68.84%	18272 VA	DEMAND AMPS: 66 A
Power	2880 VA	100.00%	2880 VA	

PANEL: 2PA1

LOCATION: MECHANICAL A201 VOLTS: 208Y/120V 3PH
 SUPPLY FROM: 1PA1 PHASES: 3
 MOUNTING: Surface WIRES: 4
 ENCLOSURE: Type 1 SE RATED: NO
 CALCULATED Isc: MAINS TYPE: MCB
 BREAKER RATING: 125 A
 BUS RATING: 250 A
 NEUTRAL RATING: 100.00%
 MINIMUM KAIC: 18

CKT	LOAD SERVED	CB	P	*	A	B	C	*	P	CB	LOAD SERVED	CKT		
1	REC: COMPUTER LAB A204	20 A	1		900	180				1	20 A	REC: COPIER WRKRM A202	2	
3	REC: COMPUTER LAB A204	20 A	1			900	180			1	20 A	REC: WRKRM A202	4	
5	REC: CART - COMP LAB A204	20 A	1				360	1080		1	20 A	REC: WRK RM A202, TLT A202A	6	
7	FLR BX: COMPUTER LAB A204	20 A	1		1080	360				1	20 A	REC: CART CLASSROOM A210	8	
9	FLR BX: COMPUTER LAB A204	20 A	1			1080	900			1	20 A	REC: CLASSROOM A210	10	
11	FLR BX: STEM CLASSROOM A206	20 A	1				1080	900		1	20 A	REC: CLASSROOM A210	12	
13	FLR BX: STEM CLASSROOM A206	20 A	1		1080	1080				1	20 A	REC: CLASSROOM A215, 2100	14	
15	REC: CART - STEM CLASSRM...	20 A	1			360	900			1	20 A	REC: CLASSROOM A215	16	
17	REC: STEM CLASSRM A206	20 A	1		1260	900				1	20 A	REC: CLASSROOM A215	18	
19	REC: STEM CLASSRM A206	20 A	1				1080	360		1	20 A	REC: CLASSROOM A212	20	
21	REC: CLASSRM A208	20 A	1				900	900		1	20 A	REC: CLASSROOM A212	22	
23	REC: CLASSRM A208	20 A	1				1080	360		1	20 A	REC: CART CLASSROOM A212	24	
25	REC: CART - CLASSRM A208	20 A	1		360	720				1	20 A	REC: TLT A203, A207, A205	26	
27	EF-16: STG A209A (1/4HP)	15 A	1			700	720			1	20 A	REC: MECHANICAL A201	28	
29	EF-13: SCIENCE A209 (1/2HP)	25 A	1				1176	0		--	20 A	SPARE	30	
31	EF-17: PREP ROOM A209A (1/4HP)	15 A	1		700	0				--	20 A	SPARE	32	
33	SPARE	20 A	1	--			0	0		--	20 A	SPARE	34	
35	SPARE	20 A	1	--			0	0		--	20 A	SPARE	36	
37	SPARE	20 A	1	--	0	200				--	20 A	VAV-4.21, 28-30	38	
39	SPARE	20 A	1	--			0	300		--	20 A	VAV-4.22-27 A204-2113	40	
41	SPARE	20 A	1	--			0	1176		--	20 A	EF-18 (1/2HP); SCIENCE A209	42	
43	2PA3	60 A	3		2700	1176				1	20 A	EF-19 (1/2HP); SCIENCE A213	44	
45	REFER TO RISER DIAGRAM	60 A	3			2700	0			--	1	20 A	SPARE	46
47	REFER TO RISER DIAGRAM	60 A	3				3960	0		--	1	20 A	SPARE	48
49	2PA2	60 A	3		3760	0				1	20 A	SPARE	50	
51	REFER TO RISER DIAGRAM	60 A	3			2520	960			1	20 A	REC: WATER FOUNTAIN	52	
53	REFER TO RISER DIAGRAM	60 A	3				4600	960		1	20 A	REC: WATER FOUNTAIN	54	
CONNECTED LOAD:					16456 VA		14020 VA				18172 VA			
CONNECTED AMPS:					140 A		117 A				155 A			
DEMAND AMPS:					105 A		89 A				116 A			

BREAKER NOTES:
 *INDICATES BREAKER TYPE: 1=GFCI (6mA), 2= GECB (30mA/100mA), 3=SHUNT TRIP, 4=AFCI, 5=SUBFEED BREAKER, 6=L1, 7=L2, 8=L3, 9= LOCKING DEVICE, 10=NEW BREAKER IN EXISTING, 11=EXISTING BREAKER.

PANEL NOTES:

LOAD CLASSIFICATION	CONNECTED LOAD	Demand Factor	ESTIMATED DEMAND	PANEL TOTALS
HVAC	500 VA	100.00%	500 VA	TOTAL LOAD: 48648 VA
Motor	4928 VA	105.97%	5222 VA	DEMAND FACTOR: 75.16%
Receptacle	34740 VA	64.39%	22370 VA	DEMAND LOAD: 36572 VA
Power	8480 VA	100.00%	8480 VA	DEMAND AMPS: 102 A

PANEL: 2SHC

LOCATION: MECHANICAL C200 VOLTS: 480Y/277V 3PH
 SUPPLY FROM: SHD PHASES: 3
 MOUNTING: Surface WIRES: 4
 ENCLOSURE: Type 1 SE RATED: NO
 CALCULATED Isc: MAINS TYPE: MCB
 BREAKER RATING: 250 A
 BUS RATING: 250 A
 NEUTRAL RATING: 100.00%
 MINIMUM KAIC: 35

CKT	LOAD SERVED	CB	P	*	A	B	C	*	P	CB	LOAD SERVED	CKT
1	SPARE	20 A	3									

PANEL: SPA

LOCATION: DATA A106 VOLTS: 208Y/120V 3PH MAINS TYPE: MCB
 SUPPLY FROM: 1SPC PHASES: 3 BREAKER RATING: 50 A
 MOUNTING: Surface WIRES: 4 BUS RATING: 100 A
 ENCLOSURE: Type 1 SE RATED: NO NEUTRAL RATING: 100.00%
 CALCULATED Isc: MINIMUM KAIC: 10

CKT	LOAD SERVED	CB	P	*	A	B	C	*	P	CB	LOAD SERVED	CKT	
1	SPARE	20 A	1	--	0	500			9	1	20 A	NAC PANEL AREA A 1104	2
3	REC: SUMP PUMP ALARM A106	20 A	1	--		180	180		1	20 A	REC: SUMP PUMP CTRL - A106	4	
5	REC: RACK MTD - DATA A106	20 A	1	--			360	720	1	20 A	REC: MECH 1104	6	
7	REC: RACK MTD - DATA A106	20 A	1	--	360	180			1	20 A	REC: CARD ACCESS - DATA A106	8	
9	REC: INTRUSION DATA A106	20 A	1	--		180	0		--	1	20 A	SPARE	10
11	SPARE	20 A	1	--			0	0		1	20 A	SPARE	12
13	SPARE	20 A	1	--	0	0			--	1	20 A	SPARE	14
15	SPARE	20 A	1	--		0	0		--	1	20 A	SPARE	16
17	SPARE	20 A	1	--		0	0		--	1	20 A	SPARE	18
19	SPARE	20 A	1	--	0	0			--	1	20 A	SPARE	20
21	SPARE	20 A	1	--		0	0		--	1	20 A	SPARE	22
23	SPARE	20 A	1	--			0	0	--	2	30 A	SPARE	24
25	SPARE	20 A	1	--	0	0			--	2	30 A	SPARE	26
27	SPARE	20 A	1	--		0	0		--	2	30 A	SPARE	28
29	SPARE	20 A	1	--			0	0	--	2	30 A	SPARE	30
CONNECTED LOAD: 1040 VA 540 VA 1080 VA													
CONNECTED AMPS: 9 A 5 A 10 A													
DEMAND AMPS: 9 A 5 A 10 A													

BREAKER NOTES: * INDICATES BREAKER TYPE: 1=GFCI (6mA), 2=GECB (30mA/100mA), 3=SHUNT TRIP, 4=AFCL, 5=SUBFEED BREAKER, 6=L, 7=L.SI, 8=L.SIG, 9= LOCKING DEVICE, 10=NEW BREAKER IN EXISTING, 11=EXISTING BREAKER.

PANEL NOTES:

LOAD CLASSIFICATION	CONNECTED LOAD	Demand Factor	ESTIMATED DEMAND	PANEL TOTALS
Receptacle	2160 VA	100.00%	2160 VA	TOTAL LOAD: 2660 VA
Power	500 VA	100.00%	500 VA	DEMAND FACTOR: 100.00%
				DEMAND LOAD: 2660 VA
				DEMAND AMPS: 7 A

PANEL: 2HA

LOCATION: MECHANICAL A201 VOLTS: 480Y/277V 3PH MAINS TYPE: MCB
 SUPPLY FROM: 1HA PHASES: 3 BREAKER RATING: 250 A
 MOUNTING: Surface WIRES: 4 BUS RATING: 250 A
 ENCLOSURE: Type 1 SE RATED: NO NEUTRAL RATING: 100.00%
 CALCULATED Isc: MINIMUM KAIC: 22

CKT	LOAD SERVED	CB	P	*	A	B	C	*	P	CB	LOAD SERVED	CKT
1	LTS: CLASS RM 2113	20 A	1	--	3095	3880			3	30 A	AHU-4 RETURN FAN (10HP) #3#10, #10G IN 3/4"	2
3	LTS: CORR 2100	20 A	1	--		619	3880					4
5	LTS: CLASSROOM 2112	20 A	1	--			2811	3880				6
7	UH-5 (SKW); STR S1-1...	30 A	1	--	5000	3880						8
9	UH-6 (SKW); STR S2-1...	30 A	1	--		5000	3880					10
11	SPARE	20 A	1	--				0	3880			12
13	SPARE	20 A	1	--	0	5820						14
15	SPARE	20 A	1	--		0	5820					16
17	SPARE	20 A	1	--			0	5820				18
19	SPARE	20 A	1	--	0	5820						20
21	SPARE	20 A	1	--			0	5820				22
23	SPARE	20 A	1	--				0	5820			24
25	SPARE	20 A	1	--	0	0						26
27	SPARE	20 A	1	--		0	0					28
29	SPARE	20 A	1	--			0	0				30
CONNECTED LOAD: 27495 VA 25019 VA 22211 VA												
CONNECTED AMPS: 103 A 92 A 80 A												
DEMAND AMPS: 103 A 92 A 80 A												

BREAKER NOTES: * INDICATES BREAKER TYPE: 1=GFCI (6mA), 2=GECB (30mA/100mA), 3=SHUNT TRIP, 4=AFCL, 5=SUBFEED BREAKER, 6=L, 7=L.SI, 8=L.SIG, 9= LOCKING DEVICE, 10=NEW BREAKER IN EXISTING, 11=EXISTING BREAKER.

PANEL NOTES:

LOAD CLASSIFICATION	CONNECTED LOAD	Demand Factor	ESTIMATED DEMAND	PANEL TOTALS
Lighting	6524 VA	125.00%	8155 VA	TOTAL LOAD: 74724 VA
Motor	58200 VA	107.50%	62565 VA	DEMAND FACTOR: 108.02%
Heating	10000 VA	100.00%	10000 VA	DEMAND LOAD: 80720 VA
				DEMAND AMPS: 97 A

PANEL: 2PA2

LOCATION: PREP ROOM A209A VOLTS: 208Y/120V 3PH MAINS TYPE: MCB
 SUPPLY FROM: 2PA1 PHASES: 3 BREAKER RATING: 60 A
 MOUNTING: RECESSED WIRES: 4 BUS RATING: 100 A
 ENCLOSURE: Type 1 SE RATED: NO NEUTRAL RATING: 100.00%
 CALCULATED Isc: MINIMUM KAIC: 10

CKT	LOAD SERVED	CB	P	*	A	B	C	*	P	CB	LOAD SERVED	CKT	
1	REC: SCIENCE A209	20 A	1	1	360	960			1	1	20 A	REC: FRIDGE PREP A209A	2
3	REC: SCIENCE A209	20 A	1	1		360	540		1	1	20 A	REC: PREP ROOM A209A	4
5	REC: SCIENCE A209	20 A	1	1			360	1260	1	1	20 A	REC: SCIENCE A213, A211	6
7	REC: SCIENCE A209	20 A	1	1	360	540			1	1	20 A	REC: SCIENCE A213	8
9	REC: SCIENCE A209	20 A	1	1		720	360		1	1	20 A	REC: SCIENCE A213	10
11	REC: SCIENCE A209	20 A	1	1			1080	540	1	1	20 A	REC: SCIENCE A213	12
13	REC: GOOGLE CABINET SCI A213	20 A	1	1	180	360			1	1	20 A	REC: SINK COUNTER SCI A213	14
15	REC: GOOGLE CABINET SCI A209	20 A	1	1		180	360		1	1	20 A	REC: SCIENCE A213	16
17	REC: PREP ROOM A209A	20 A	1	1			360	1000				PWR: SOLENOID SCIENCE A213	18
19	PWR: SOLENOID SCIENCE A209	20 A	1	--	1000	0			--	1	20 A	SPARE	20
21	SPARE	20 A	1	--		0	0		--	1	20 A	SPARE	22
23	SPARE	20 A	1	--			0	0	--	1	20 A	SPARE	24
25	SPARE	20 A	1	--	0	--			--	1	--	SPACE	26
27	SPARE	20 A	1	--			0	--	--	1	--	SPACE	28
29	SPARE	20 A	1	--			0	--	--	1	--	SPACE	30
CONNECTED LOAD: 3760 VA 2520 VA 4600 VA													
CONNECTED AMPS: 33 A 21 A 40 A													
DEMAND AMPS: 33 A 21 A 40 A													

BREAKER NOTES: * INDICATES BREAKER TYPE: 1=GFCI (6mA), 2=GECB (30mA/100mA), 3=SHUNT TRIP, 4=AFCL, 5=SUBFEED BREAKER, 6=L, 7=L.SI, 8=L.SIG, 9= LOCKING DEVICE, 10=NEW BREAKER IN EXISTING, 11=EXISTING BREAKER.

PANEL NOTES: PROVIDE MAIN WITH SHUNT TRIP CONNECT TO EPO BUTTONS IN SCIENCE ROOMS. PROVIDE WITH HALF SPARE GFI BREAKERS.

LOAD CLASSIFICATION	CONNECTED LOAD	Demand Factor	ESTIMATED DEMAND	PANEL TOTALS
Receptacle	8520 VA	100.00%	8520 VA	TOTAL LOAD: 10880 VA
Power	2360 VA	100.00%	2360 VA	DEMAND FACTOR: 100.00%
				DEMAND LOAD: 10880 VA
				DEMAND AMPS: 30 A

PANEL: GEN PNL

LOCATION: VOLTS: 208Y/120V 3PH MAINS TYPE: MCB
 SUPPLY FROM: SPD PHASES: 3 BREAKER RATING: 60 A
 MOUNTING: Surface WIRES: 4 BUS RATING: 100 A
 ENCLOSURE: Type 1 SE RATED: NO NEUTRAL RATING: 100.00%
 CALCULATED Isc: MINIMUM KAIC: 10

CKT	LOAD SERVED	CB	P	*	A	B	C	*	P	CB	LOAD SERVED	CKT
1	BLOCK HEATER	20 A	2		500	500			1	20 A	BATTERY CHARGER	2
3						500						4
5												6
7												8
9												10
11												12
13												14
15												16
17												18
CONNECTED LOAD: 1000 VA 500 VA 0 VA												
CONNECTED AMPS: 9 A 5 A 0 A												
DEMAND AMPS: 9 A 5 A 0 A												

BREAKER NOTES: * INDICATES BREAKER TYPE: 1=GFCI (6mA), 2=GECB (30mA/100mA), 3=SHUNT TRIP, 4=AFCL, 5=SUBFEED BREAKER, 6=L, 7=L.SI, 8=L.SIG, 9= LOCKING DEVICE, 10=NEW BREAKER IN EXISTING, 11=EXISTING BREAKER.

PANEL NOTES: FURNISHED IN PRE PURCHASE PACKAGE

LOAD CLASSIFICATION	CONNECTED LOAD	Demand Factor	ESTIMATED DEMAND	PANEL TOTALS
Power	500 VA	100.00%	500 VA	TOTAL LOAD: 1500 VA
Heating	1000 VA	100.00%	1000 VA	DEMAND FACTOR: 100.00%
				DEMAND LOAD: 1500 VA
				DEMAND AMPS: 4 A

PANEL: 1SPC

LOCATION: MDF C109 VOLTS: 208Y/120V 3PH MAINS TYPE: MCB
 SUPPLY FROM: SPD PHASES: 3 BREAKER RATING: 100 A
 MOUNTING: Surface WIRES: 4 BUS RATING: 100 A
 ENCLOSURE: Type 1 SE RATED: NO NEUTRAL RATING: 100.00%
 CALCULATED Isc: MINIMUM KAIC: 18

CKT	LOAD SERVED	CB	P	*	A	B	C	*	P	CB	LOAD SERVED	CKT		
1	EF-6: CORR. C101A	15 A	1	--	696	0			--	1	20 A	SPARE	2	
3	SPARE	15 A	1	--		0			--	1	20 A	SPARE	4	
5	VAV 3.05.13.14.15.19...	20 A	1	--			250	0	--	1	20 A	SPARE	6	
7	VAV 3.05.06.07.08.09.12...	20 A	1	--	250	0			--	1	20 A	SPARE	8	
9	REC: RECEPTION C101	20 A	1	--		1440	0		--	1	20 A	SPARE	10	
11	REC: RECEPTION C101	20 A	1	--			900	0	--	1	20 A	SPARE	12	
13	REC: C105, C101A	20 A	1	--	900	0			--	1	20 A	SPARE	14	
15	REC: OFFICE WORK RM C103	20 A	1	--		180	0		--	1	20 A	SPARE	16	
17	REC: OFFICE WORK RM C103	20 A	1	--			180	0	--	1	20 A	SPARE	18	
19	REC: DATA MANAGER C107	20 A	1	--	720	0			--	1	20 A	SPARE	20	
21	REC: ASST PRINCIPAL C113	20 A	1	--		720	500		9	1	20 A	PWR: FIRE ALARM MDF C109	22	
23	REC: NURSE C115	20 A	1	--			900	180	1	20 A	REC: MDF C109	24		
25	REC: C111, C101A, C103	20 A	1	--	1260	360			1	20 A	REC: MDF C109	26		
27	REC: C117, C101A	20 A	1	--		900	360		1	20 A	REC: MDF C109	28		
29	FLR BX: CONF. C121	20 A	1	--			900	360	1	20 A	REC: MDF C109	30		
31	REC: TEACHER WORKROOM...	20 A	1	--	180	180			1	20 A	REC: MDF C109	32		
33	REC: C119, C127, C125, C115A...	20 A	1	--		1440	180		1	20 A	REC: MDF C109	34		
35	SPARE	20 A	1	--			0	960	1	20 A	REC: MICRO - LOUNGE C123	36		
37	SPARE	20 A	2	--	0	360			1	20 A	REC: TEACHER LOUNGE C123	38		
39						0	1440		1	1	20 A	REC: FRIDGE - LOUNGE C123	40	
41	CU-1/DMSS-1	20 A	2	--	1000	1440			1	1	20 A	REC: TEACHER LOUNGE C123	42	
43	#3#12, #12G IN 3/4"	30 A	2	--			0	1440	1	1	20 A	REC: FRIDGE - LOUNGE C123	44	
45	SPARE	20 A	2	--				0	180	1	1	20 A	REC: FRIDGE - NURSE C115	46
47									2	20 A	REC: MDF C109	48		
49	PANEL "SPA"	50 A	3	--	1040	180						2#12, #12G IN 3/4"	50	
51	REFER TO RISER DIAGRAM					540	180					2#12, #12G IN 3/4"	52	
53						1080	180						54	
CONNECTED LOAD: 8566 VA 9320 VA 8510 VA														
CONNECTED AMPS: 71 A 78 A 71 A														
DEMAND AMPS: 57 A 62 A 56 A														

BREAKER NOTES: * INDICATES BREAKER TYPE: 1=GFCI (6mA), 2=GECB (30mA/100mA), 3=SHUNT TRIP, 4=AFCL, 5=SUBFEED BREAKER, 6=L, 7=L.SI, 8=L.SIG, 9= LOCKING DEVICE, 10=NEW BREAKER IN EXISTING, 11=EXISTING BREAKER.

PANEL NOTES:

LOAD CLASSIFICATION	CONNECTED LOAD	Demand Factor	ESTIMATED DEMAND	PANEL TOTALS
HVAC	500 VA	100.00%	500 VA	TOTAL LOAD: 26396 VA
Motor	2696 VA	118.55%	3196 VA	DEMAND FACTOR: 79.13%
Receptacle	22020 VA	72.71%	16010 VA	DEMAND LOAD: 20886 VA
Power	680 VA	100.00%	680 VA	DEMAND AMPS: 56 A
Equipment	500 VA	100.00%	500 VA	

PANEL: SK2

LOCATION: TRASH ROOM... VOLTS: 208Y/120V 3PH MAINS TYPE: MCB
 SUPPLY FROM: SK1 PHASES: 3 BREAKER RATING: 100 A
 MOUNTING: RECESSED WIRES: 4 BUS RATING: 100 A
 ENCLOSURE: Type 1, SS COVER SE RATED: NO NEUTRAL RATING: 100.00%
 CALCULATED Isc: MINIMUM KAIC: 10

CKT	LOAD SERVED	CB	P	*
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STANDARD FEEDER CHART

THREE PHASE, NEUTRAL, & EQUIPMENT GROUND		
FEEDER TAG	AMPACITY (A1)	COPPER FEEDER SIZE, 3
50Y	50	3#8, 1#8N, 1#10G IN 1" C
60Y	60	3#6, 1#6N, 1#10G IN 1" C
100Y	100	3#3, 1#3N, 1#6G IN 1-1/4" C
125Y	130	3#1, 1#1N, 1#6G IN 1-1/2" C
150Y	150	3#1/0, 1#1/0N, 1#6G IN 1-1/2" C
200Y	200	3#3/0, 1#3/0N, 1#6G IN 2" C
225Y	230	3#4/0, 1#4/0N, 1#4G IN 2-1/2" C
250Y	255	3-250kcmil, 1-250kcmil N, 1#4G IN 2-1/2" C
300Y	300	3-350kcmil, 1-350kcmil N, 1#4G IN 2-1/2" C
350Y	380	3-500kcmil, 1-500kcmil N, 1#3G IN 4" C
400Y	460	2 SETS OF 3#4/0, 1#4/0N, 1#3G IN 2-1/2" C EACH SET
500Y	500	2 SETS OF 3-250kcmil, 1-250kcmil N, 1#2G IN 2-1/2" C EACH SET
600Y	600	2 SETS OF 3-350kcmil, 1-350kcmil N, 1#1G IN 2-1/2" C EACH SET
800Y	800	3 SETS OF 3-300kcmil, 1-300kcmil N, 1#1/0G IN 2-1/2" C EACH SET

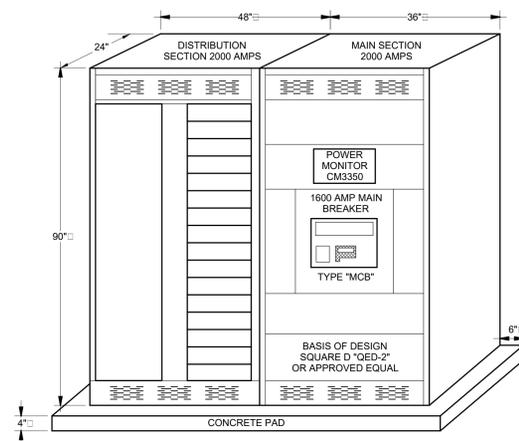
THREE PHASE, NEUTRAL, & GROUNDING ELECTRODE		
FEEDER TAG	AMPACITY (A1)	COPPER FEEDER SIZE, 3
50YT	100	3#8, 1#8N, 1#10G IN 1" C
100YT	100	3#3, 1#3N, 1#6G IN 1-1/4" C
150YT	150	3#1/0, 1#1/0N, 1#6G IN 1-1/2" C
225YT	230	3#4/0, 1#4/0N, 1#2G IN 2-1/2" C
350YT	380	3-500kcmil, 1-500kcmil N, 1#10G IN 4" C
400YT	400	2 SETS OF 3#3/0, 1#3/0N, 1#2G IN 2" C EACH SET
450YT	450	2 SETS OF 3#4/0, 1#4/0N, 1#1/0G IN 2-1/2" C EACH SET
600YT	600	2 SETS OF 3-350kcmil, 1-350kcmil N, 1#2/0G IN 2-1/2" C EACH SET
800YT	800	3 SETS OF 3-300kcmil, 1-300kcmil N, 1#2/0G IN 2-1/2" C EACH SET

THREE PHASE & EQUIPMENT GROUND (NO NEUTRAL)		
FEEDER TAG	AMPACITY (A1)	COPPER FEEDER SIZE, 3
25A	30	3#10, 1#10G IN 3/4" C
50A	50	3#8, 1#10G IN 3/4" C
70A	65	3#6, 1#6G IN 3/4" C
80A	85	3#4, 1#6G IN 1" C
90A	85	3#4, 1#6G IN 1" C
100A	100	3#3, 1#6G IN 1" C
110A	115	3#2, 1#6G IN 1-1/4" C
125A	130	3#1, 1#6G IN 1-1/4" C
150A	150	3#1/0, 1#6G IN 1-1/2" C
175A	175	3#2/0, 1#6G IN 1-1/2" C
200A	200	3#3/0, 1#6G IN 2" C
250A	255	3-250kcmil, 1#4G IN 2" C

THREE PHASE & GROUNDED NEUTRAL (SERVICE)		
FEEDER TAG	AMPACITY (A1)	COPPER FEEDER SIZE, 3
1600SE	1600	5 SETS OF 3-400kcmil, 1-400kcmil GN IN 4" C EACH SET

NOTES:

- AMPACITY LISTED IS BASED ON NEC TABLE 310.15(B)(16) AND THE 75°C RATING COLUMN UNLESS LIMITED BY EQUIPMENT GROUNDING CONDUCTOR PER NEC TABLE 250.122. IF TERMINALS OR SPLICES RATED LESS THAN 75°C ARE ENCOUNTERED CONTRACTOR SHALL RESIZE PHASE CONDUCTOR AND EQUIPMENT GROUND ACCORDINGLY.
- IF PHASE CONDUCTORS ARE INCREASED ABOVE SIZE LISTED FOR ANY REASON, THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE INCREASED PROPORTIONALLY BASED ON CIRCULAR MIL AREA PER NEC 250.122(B).
- CONDUIT SIZE IS BASED ON THHN/THWN CONDUCTORS IN EMT. CONTRACTOR SHALL ADJUST CONDUIT SIZE PER NEC CHAPTER 9, TABLE 1.



SWITCHBOARD: MDS

LOCATION: ELEC D113
SUPPLY FROM: MOUNTING: FLOOR
ENCLOSURE: NEMA 1

VOLTS: 480Y/277V 3PH
PHASES: 3
WIRES: 4
SE RATE: yes
CALCULATED I_{sc}: 21.11

MAINS TYPE: MCB
MCB RATING: 1600 A
BUS RATING: 2000 A
NEUTRAL RATING: 100.00%
MINIMUM KAIC: 65

CKT	LOAD SERVED	P	FRAME SIZE	TRIP RATING	SECTION #	A			B			C			NOTES
						V	A	KAIC	V	A	KAIC	V	A	KAIC	
1	SPD	3	250 A	60 A	--	0 VA									
2	SPARE	3	400 A	250 A	8	0 VA									
3	CH-1	3	400 A	250 A	8	63560 VA									
4	CH-2	3	400 A	250 A	8	63560 VA									
5	1HA	3	400 A	400 A	8	91739 VA	90781 VA	91839 VA	91739 VA	90781 VA	91839 VA	91739 VA	90781 VA	91839 VA	
6	SPARE	3	400 A	400 A	8	0 VA									
7	SHD VIA ATS	3	1000 A	800 A	8	175902 VA	166556 VA	158527 VA	175902 VA	166556 VA	158527 VA	175902 VA	166556 VA	158527 VA	
8	SPARE	3	1000 A	800 A	8	0 VA									
						394760 VA	384457 VA	377486 VA	394760 VA	384457 VA	377486 VA	394760 VA	384457 VA	377486 VA	
						1429 A	1392 A	1363 A	1429 A	1392 A	1363 A	1429 A	1392 A	1363 A	

BREAKER NOTES (N):
 3=SHUNT TRIP, 6=L, 7=L, 8=LSIG, 9=LOCKING DEVICE, 10=NEW BREAKER IN EXISTING, 11=EXISTING BREAKER.

PANEL NOTES:
 PROVIDE ALL BREAKERS WITH LSIG TRIP UNITS. PROVIDE MAIN WITH LSIG AND ARC FLASH REDUCTION. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION ON SWITCHBOARD.

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
IVAC	2400 VA	100.00%	2400 VA	TOTAL LOAD: 1166704 VA
Lighting	40741 VA	125.00%	50926 VA	DEMAND FACTOR: 97.43%
Motor	758166 VA	106.29%	805836 VA	DEMAND LOAD: 1126971 VA
Other	500 VA	100.00%	500 VA	DEMAND AMPS: 1356 A
Receptacle	180539 VA	52.77%	95270 VA	
Kitchen Equipment Non-Dwelling Unit	57360 VA	100.00%	57360 VA	
Power	27140 VA	100.00%	27140 VA	
Appliance - Dwelling Unit	125 VA	100.00%	125 VA	
Electric Clothes Dryer	15000 VA	100.00%	15000 VA	
Heating	54668 VA	100.00%	54668 VA	
Equipment	500 VA	100.00%	500 VA	
Kitchen Equipment - Non-Dwelling Unit	11590 VA	80.00%	9272 VA	
Kitchen Equipment	8900 VA	100.00%	8900 VA	

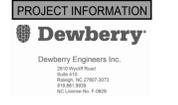
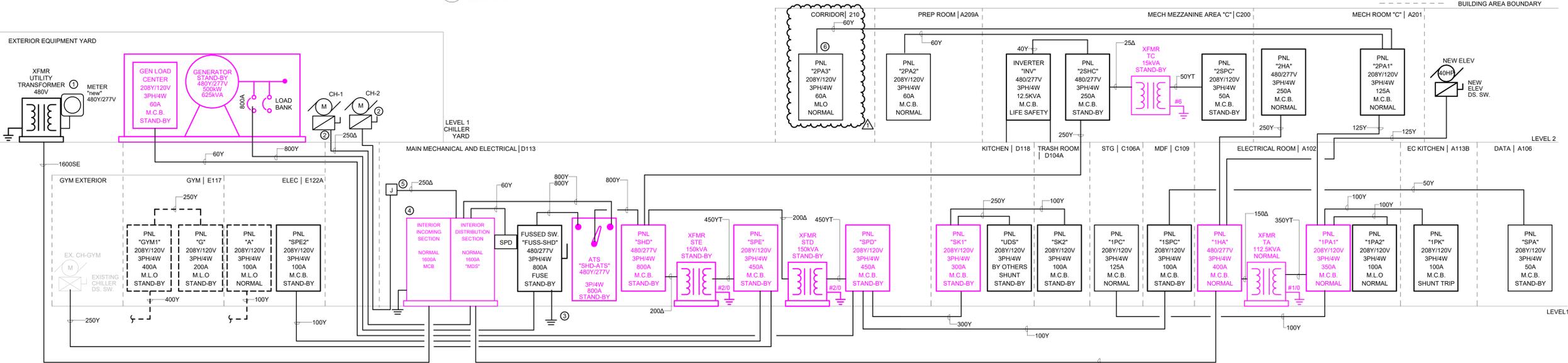
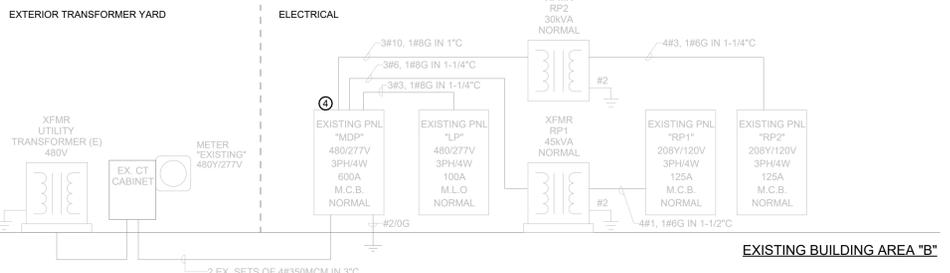
ELEC - DRY TYPE TRANSFORMER SCHEDULE 1

ID	VA	POLE	VOLTAGE PH	SECONDARY VOLTAGE PH	CORE MATL	MOUNTING	NEMA
STD	150000 VA	3	480 V	3 208 V	3 COPPER	FLOOR	Type 2
STE	150000 VA	3	480 V	3 208 V	3 COPPER	FLOOR	Type 2
TA	112500 VA	3	480 V	3 208 V	3 COPPER	FLOOR	Type 2
TC	30000 VA	3	480 V	3 208 V	3 COPPER	FLOOR	Type 2

DISCONNECT SWITCH SCHEDULE (BY DIV 26)

ID	Voltage	POLE	Size_Switch	Size Fuse	VOLTAGE	NEMA
KILN	480	3	200	60	480 V	Type 1
FUSS	480	3	800	800	480 V	Type 1
FREEZER EVAP	240	2	200	N/A	208 V	Type 4X
FREEZER COND	208	3	200	N/A	208 V	Type 4X
ELEVATOR DISCONNECT**	480	3	200	N/A	480 V	Type 1
COOLER EVAP	240	1	30	N/A	120 V	Type 4X
COOLER COND	208	3	200	N/A	208 V	Type 4X
CAB LIGHTS DISCONNECT	240	1	30	20	120 V	Type 1

- GENERAL NOTES:**
- ELECTRICAL CONTRACTOR TO PREPARE BREAKER OVERCURRENT/FINAL FAULT SETTING COORDINATION, FAULT CURRENT ANALYSIS, AND ARC FLASH REPORTS AS INDICATED IN SPECIFICATION SECTION 260571 - POWER SYSTEM STUDY. INITIAL SUBMITTAL SHALL BE PROVIDED WITH INITIAL SWITCHGEAR SUBMITTAL. GEAR SUBMITTALS WITHOUT THE INITIAL GEAR SUBMITTAL FAULT CURRENT, COORDINATION, AND ARC FLASH REPORT WILL BE REJECTED.
 - PROVIDE ENGRAVED PHENOLIC LABEL WITH AVAILABLE FAULT CURRENT (AS PROVIDED BY UTILITY COMPANY) ON THE MDP PER NEC REQUIREMENTS. SIGN SHALL BE DATED.
 - CONTRACTOR SHALL PROVIDE FAULT-CURRENT LABELING ON ALL OTHER ATS AND PANELBOARDS PER NEC 406.6.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL PREPURCHASED EQUIPMENT. CONTRACTOR SHALL BE PROVIDED WITH SHOP DRAWINGS OF NEW ELECTRICAL EQUIPMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL EQUIPMENT PADS, INCLUDING THE GENERATOR.
- KEYED NOTES:**
- UTILITY TRANSFORMER PAD BY EC. PAD PER UTILITY REQUIREMENTS.
 - PROVIDE 600V, 3-POLE, 300A DISCONNECT FUSED AT 250A IN NEMA 4X ENCLOSURE.
 - REMOVE BONDING JUMPER.
 - PROVIDE SIGNAGE ON MAIN ELECTRICAL ROOM B107, D113, AND AT THE MDS AND MDP SWBD/PANELS. SIGNAGE IN ACCORDANCE TO NEC 230.2 (E) IDENTIFICATION. SIGNAGE TO STATE "SCHOOL BUILDING CAMPUS FED FROM MULTIPLE SOURCES. ALL CIRCUITS IN "AREA B" OR ROOMS THAT START WITH "B" ARE FED FROM "MDP" DISTRIBUTION SERVICE LOCATED IN B107. ALL OTHER POWER FOR THE REMAINDER OF THE ROOMS IN THE MAIN SCHOOL BUILDING IS FED FROM "MDS" LOCATED IN ELECTRICAL ROOM D113. SIGNAGE SHALL ONLY BE REQUIRED ID BUILDING IS ATTACHED.
 - INSTALL ONE OF THE CHILLER FEEDERS FROM THE TOP OF THE SWITCHBOARD TO A JUNCTION BOX IN THE ELECTRICAL ROOM AND THEN CONTINUE ROUTING TO CHILLER FROM BELOW NEW SLAB. JUNCTION BOX SHALL ALLOW FOR CHILLER TO EASILY BE ADDED TO DISTRIBUTION PANEL AT A FUTURE DATE. LABEL JUNCTION BOX IN ELECTRICAL ROOM AS "CHILLER FEEDER"
 - PROVIDE PANELBOARD FOR ALTERNATE AREA A ONLY. DO NOT PROVIDE AS BASE BID.
- ABBREVIATIONS LEGEND:**
- | | |
|-----|--------------------------|
| ECB | ENCLOSED CIRCUIT BREAKER |
| NFS | NON-FUSED SWITCH |
| FNS | FUSED SWITCH |
- LINETYPE LEGEND:**
- | | |
|-----|------------------------------|
| --- | NEW WORK |
| --- | PRE-PURCHASE EQUIPMENT |
| --- | DEMOLITION WORK |
| --- | EXISTING EQUIPMENT TO REMAIN |
| --- | BUILDING FLOOR |
| --- | BUILDING AREA BOUNDARY |



ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530



DKA JOB NUMBER	2401
DEWBERRY NUMBER	50171439
REVISIONS	1 Addendum #1 02/03/2025

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 Plot Date: 1/30/2025 2:00:29 PM

DATE ISSUED

BID DOCUMENTS
 01/10/2025

SHEET TITLE
 RISER DIAGRAMS
E09.01



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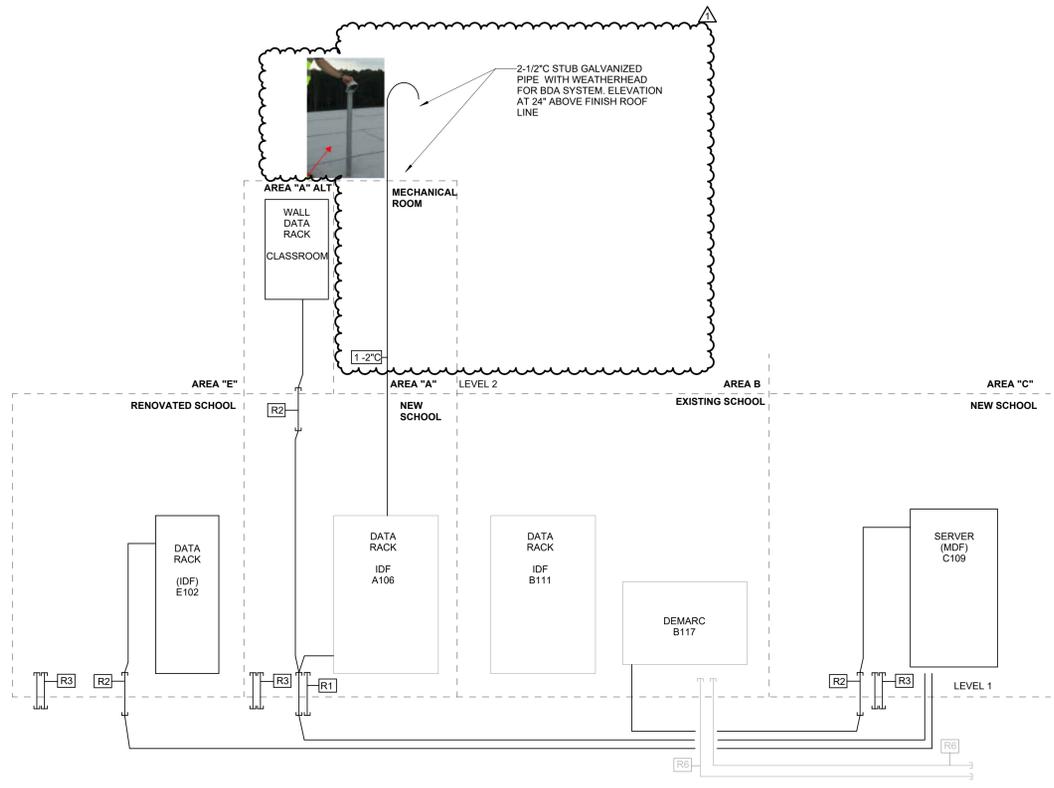
PROJECT INFORMATION
Dewberry

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NC License No. 7-10829

PROJECT INFORMATION

**ROSEWOOD MIDDLE SCHOOL ADDITION
AND RENOVATION**
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S. Goldsboro, NC 27530



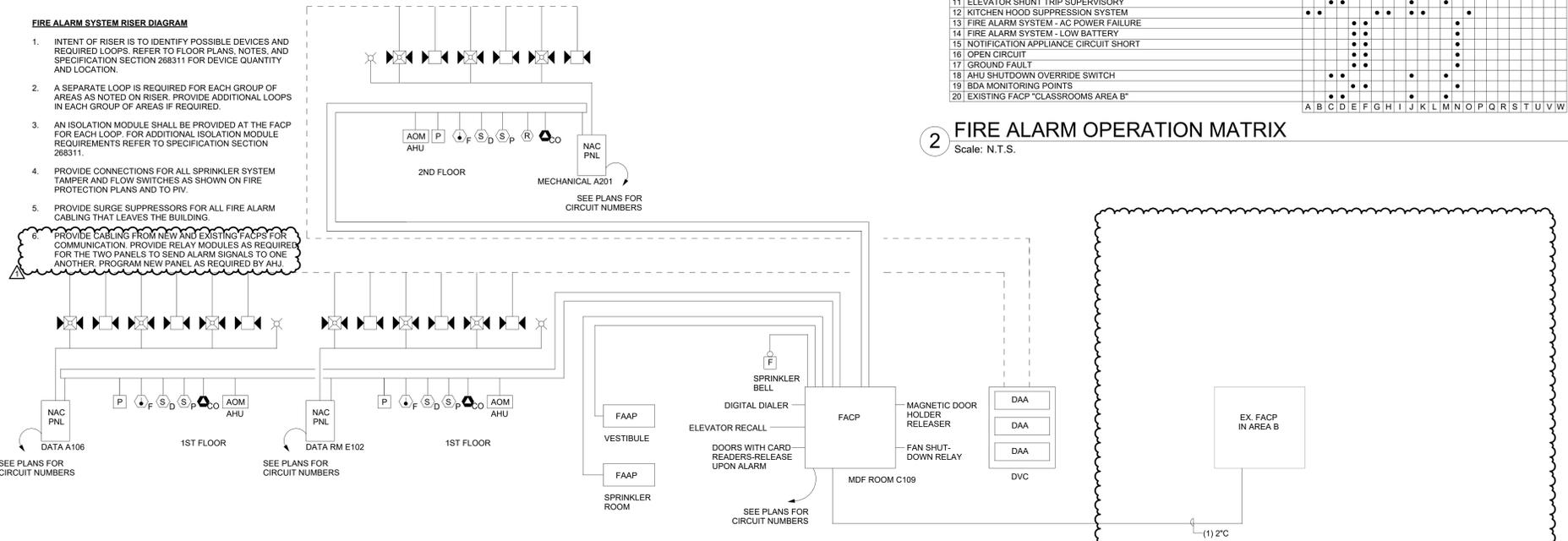
- GENERAL NOTES:**
1. PROVIDE CONDUIT FOR FIBER SERVICE AND CONDUIT FOR FIBER TO CONNECT THE NEW DATA RACKS.
 2. DATA RACKS AND FIBER CABLING PROVIDED BY OTHERS.
 3. PROVIDE ALL CONDUIT WITH PULL STRINGS AND LABEL ON THE SIDE OF THE CONDUIT WITH TERMINATION LOCATION.

CONDUIT TAG	DESCRIPTION
R1	2-4" FOR FIBER TO TWO CLOSETS.
R2	1-4" FOR FIBER TO IDF CLOSETS
R3	2-3" W/ MAXCELL INTERDUCT IN EACH FROM IDF 1142 (MDF CLOSET) TO ALL IDF CLOSETS IN NEW ADDITION AS INDICATED.
R5	1-3" W/ MAXCELL INTERDUCT IN EACH FROM IDF 1142 (MDF) CLOSET TO ELEC RM IN CONCESSIONS BUILDING
R6	EXISTING CONDUIT AND SERVICE SHALL REMAIN.

3 TELECOM RISER DIAGRAM
Scale: N.T.S.

FIRE ALARM SYSTEM RISER DIAGRAM

1. INTENT OF RISER IS TO IDENTIFY POSSIBLE DEVICES AND REQUIRED LOOPS. REFER TO FLOOR PLANS, NOTES, AND SPECIFICATION SECTION 268311 FOR DEVICE QUANTITY AND LOCATION.
2. A SEPARATE LOOP IS REQUIRED FOR EACH GROUP OF AREAS AS NOTED ON RISER. PROVIDE ADDITIONAL LOOPS IN EACH GROUP OF AREAS IF REQUIRED.
3. AN ISOLATION MODULE SHALL BE PROVIDED AT THE FACP FOR EACH LOOP. FOR ADDITIONAL ISOLATION MODULE REQUIREMENTS REFER TO SPECIFICATION SECTION 268311.
4. PROVIDE CONNECTIONS FOR ALL SPRINKLER SYSTEM TAMPER AND FLOW SWITCHES AS SHOWN ON FIRE PROTECTION PLANS AND TO PV.
5. PROVIDE SURGE SUPPRESSORS FOR ALL FIRE ALARM CABLING THAT LEAVES THE BUILDING.
6. PROVIDE CABLING FROM NEW AND EXISTING FACPS FOR COMMUNICATION. PROVIDE RELAY MODULES AS REQUIRED FOR THE TWO PANELS TO SEND ALARM SIGNALS TO ONE ANOTHER. PROGRAM NEW PANEL AS REQUIRED BY AHU.



1 FIRE ALARM RISER DIAGRAM
Scale: N.T.S.

SYSTEM INPUTS

- 1 MANUAL FIRE ALARM BOXES
- 2 AREA SMOKE & HEAT DETECTORS
- 3 CARBON MONOXIDE DETECTORS
- 4 SMOKE DETECTOR ELEVATOR LOBBY - FIRST FLOOR
- 5 SMOKE DETECTOR ELEVATOR LOBBY - SECOND FLOOR
- 6 SMOKE DETECTORS - ELEVATOR HOISTWAY/MACHINE ROOM
- 7 HEAT DETECTORS - ELEVATOR HOISTWAY/MACHINE ROOM
- 8 DUCT DETECTORS
- 9 SPRINKLER SYSTEM - WATER FLOW SWITCHES
- 10 SPRINKLER SYSTEM - PRESSURE & TAMPER SWITCHES
- 11 ELEVATOR SHUNT TRIP SUPERVISORY
- 12 KITCHEN HOOD SUPPRESSION SYSTEM
- 13 FIRE ALARM SYSTEM - AC POWER FAILURE
- 14 FIRE ALARM SYSTEM - LOW BATTERY
- 15 NOTIFICATION APPLIANCE CIRCUIT SHORT
- 16 OPEN CIRCUIT
- 17 GROUND FAULT
- 18 AHU SHUTDOWN OVERRIDE SWITCH
- 19 BDA MONITORING POINTS
- 20 EXISTING FACP "CLASSROOMS AREA B"

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
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2 FIRE ALARM OPERATION MATRIX
Scale: N.T.S.

SEALS



DKA JOB NUMBER
2401

DEWBERRY NUMBER
50171439

REVISIONS

1 Addendum #1 02/03/2025

PA: ROBERT STEVENSON
PM: BK
Drawn By: MEH
Plot Date: 1/30/2025 2:00:32 PM

DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE
FIRE ALARM RISER
DIAGRAM

E09.02