ADDENDUM NO. 01

September 18, 2023

Northwestern School Corporation – Multiple Projects
3431 County Rd N 400 W
Kokomo, IN 46901

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated September 15, 2023, by Schmidt Associates. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 1-1 through ADD 1- 3 and attached Schmidt Associates Addendum No. 1 dated September 15, 2023, consisting of 4 pages, Specification Sections 074213.23 – Metal Composite Material Wall Panels, 074293 – Soffit Panels, 085113 – Aluminum Windows, 095423 – Linear Metal Ceilings, and Drawing Sheets: 1-G-101, 2-G-101, 2-G-102, 3-G-101, 2-SF1D1, 2-SF1L2, 2-SF1DR, 2-SL1D1, 2-S-403, 2-S-414, 1-AF1C1, 1-AF1D1, 1-A-600, 2-AF1A1, 2-AF1B1, 2-AF1D1, 2-AF1E1, 2-AF1L1, 2-AF1F2, 2-AF1G2, 2-AF1L2, 2-AC1A1, 2-AC1B1, 2-AC1C1, 2-AC1D1, 2-AC1E1, 2-AC1K1, 2-A-300, 2-A-320, 2-A-400, 2-A-601, 3-AD1A1, 3-AD1A2, 3AF1A1, 3-AF1A2, 3-A-600.

A. SPECIFICATION SECTION 01 12 00 MULTIPLE CONTRACT SUMMARY

1. Paragraph 3.03A Bid Categories

A. Bid Category No. 1 – General Trades

1. Delete the following Specification Section:
   Section 06 40 23 Interior Architectural Woodwork

2. Add the following clarifications:
   21. Include 250 laborer hours and 250 carpenter hours for use at the discretion of the Construction Manager. At the end of the project

all unused manhours will be converted to a dollar amount (including fringes) and returned to the Owner via Deduct Change Order. Track with work tickets signed daily by the Skillman site manager for documentation.

31. Bid Category No. 6 Contractor shall demo/remove all exterior windows at Northwestern Elementary School which are scheduled for replacement. Bid Category No. 6 Contractor shall either install temporary enclosures at these windows OR install new window frames and glass during the same day as the removal work takes place. Bid Category No. 6 shall properly dispose of all Northwestern Elementary School window demolition materials offsite. Bid Category No. 1 Contractor is responsible for the demolition, disposal and temporary enclosures required at all other storefront/windows/window wall locations scheduled for removal.

38. Bid Category No. 1 Contractor shall remove and dispose of existing playground equipment, curbs, foundations, mulch, etc. which are scheduled for demolition. Bid Category No. 1 Contractor shall install new concrete curbs around the playgrounds as indicated, cut or fill within the playground areas to bring the subgrade to the design elevations indicated. Bid Category No. 10 Contractor shall provide engineered wood fiber border and mulch, 4" collector drain piping, compacted stone subbase, poured in place surfacing, playground equipment foundations (including spoil removal), and playground equipment.

D. Bid Category No. 4 – Roofing

1. Delete the following Specification Section:
   Section 07 41 13.23 Standing-Seam Metal Roof Panels

2. Replace the following Specification Section:
   Section 07 42 93 Soffit Panels

E. Bid Category No. 5 – Metal Studs/Drywall/Acoustical

1. Add the following Specification Section:
   Section 07 42 13.23 Metal Composite Material Wall Panels

2. Replace the following Specification Section:
   Section 09 54 23 Linear Metal Ceilings

F. Bid Category No. 6 – Glass & Glazing

1. Add the following Specification Section:
   Section 08 51 13 Aluminum Windows

2. Add the following clarifications:
   4. Bid Category No. 6 Contractor shall demo/remove all exterior windows at Northwestern Elementary School which are scheduled for replacement. Bid Category No. 6 Contractor shall either install temporary enclosures at these windows OR install new window frames and glass during the same day as the removal work takes place. Bid Category No. 6 shall properly dispose of all Northwestern Elementary School window demolition materials offsite. Bid Category No. 1 Contractor is responsible for the demolition, disposal and temporary enclosures required at all other storefront/windows/window wall locations scheduled for removal.

G. Bid Category No. 7 – Painting

1. Add the following clarification:
   2. Include 300 painter man hours and $2,500 material allowance for use at the discretion of the Construction Manager. At the end of the project all unused manhours will be converted to a dollar amount (including fringes) and returned to the Owner via Deduct Change Order. Track with work tickets signed daily by the Skillman site manager for documentation.

I. Bid Category No. 9 – Casework

1. Add the following Specification Section:
   Section 06 40 23 Interior Architectural Woodwork

J. Bid Category No. 10 – Playground

2. Add the following clarification:
   3. Bid Category No. 1 Contractor shall remove and dispose of existing playground equipment, curbs, foundations, mulch, etc. which are scheduled for demolition. Bid Category No. 1 Contractor shall install new concrete curbs around the playgrounds as indicated, cut or fill within the playground areas to bring the subgrade to the design elevations indicated. Bid Category No. 10 Contractor shall provide engineered wood fiber border and mulch, 4" collector drain piping, compacted stone subbase, poured in place surfacing, playground equipment foundations (including spoil removal), and playground equipment.

ADDENDUM NO. 1
SEPTEMBER 15, 2023

PREPARED BY SCHMIDT ASSOCIATES FOR:
NORTHWESTERN TIGERS BUILDING UPDATES
NORTHWESTERN (HOWARD) SCHOOL CORPORATION

This Addendum consists of 4 Addendum pages and 74 attachment pages totaling 79 pages.

Acknowledge receipt of this Addendum by inserting its number on the Bid Form. Failure to do so may subject the Bid to disqualification. This Addendum is part of the Contract Documents.

Bidder is encouraged to verify with reprographer of record all Addenda issued (do not rely exclusively on third party plan room services).

PART 1 - CHANGES TO PRIOR ADDENDA (NOT APPLICABLE)

PART 2 - CHANGES TO THE PROJECT MANUAL

Modifications described herein shall be incorporated in the Project Manual. All other Work shall remain unchanged.

2.1 DIVISION 06 – WOOD, PLASTICS, AND COMPOSITES

A. **Section 061753 "SHOP-FABRICATED WOOD TRUSSES"**

1. DELETE Section 061753 in its entirety.

2.2 DIVISION 07 – THERMAL AND MOISTURE PROTECTION

A. **Section 074113.16 "STANDING-SEAM METAL ROOF PANELS"**

1. DELETE Section 074113.16 in its entirety.

B. Section 074213.23 "**METAL COMPOSITE MATERIAL WALL PANELS**"

1. ADD Section 074213.23 in its entirety.

C. Section 074293 "**SOFFIT PANELS**"

1. DELETE AND REPLACE Section 074293 in its entirety.

2.3 DIVISION 08 – OPENINGS

A. **Section 083113 "ACCESS DOORS AND FRAMES"**

1. INSERT Subparagraph 2.2.B as follows.

   "B. Recessed Access Doors with Concealed Flanges

   Manufacturers: Subject to compliance with requirements, provide products by one of the following.Babcock-Davis.

   b. Acudor Products, Inc.

   c. Cendrex Inc.

   d. Elmdor/Stoneman Manufacturing Company; a division of Acorn Engineering Company.

   e. JL Industries, Inc.; a division of the Activar Construction Products Group.

   f. Karp Associates, Inc.

   g. Lane-Aire Manufacturing Corp.

   h. Larsens Manufacturing Company.

   i. Maxam Metal Products Limited.

   j. Metropolitan Door Industries Corp.

   k. MIFAB, Inc.

   l. Milcor; Commercial Products Group of Hart & Cooley, Inc.

   m. Nystrom, Inc.

   n. Williams Bros. Corporation of America (The).

   Description: Door face recessed 5/8 inch for gypsum board infill; with concealed flange for gypsum board installation and concealed hinge.

   2. Locations: Ceiling

   3. Door Size: 1'-8" x 4'-8".

   4. Latch and Lock: Cam latch, key operated

A. **Section** 085113 **"ALUMINIUM WINDOWS"**

1. ADD Section 085113 in its entirety.

2.4 DIVISION 09 – FINISHES

A. **Section 095423 "LINEAR METAL CEILINGS"**

1. DELETE AND REPLACE Section 095423 in its entirety.

2.5 DIVISION 28 - ELECTRONIC SAFETY AND SECURITY

A. **Section 284621 "ADDRESSABLE FIRE-ALARM SYSTEMS"**

1. ADD Text within 284621 as follows:

Added “Siemens” to list of acceptable manufacturers.

PART 3 - CHANGES TO THE DRAWINGS

Modifications described herein shall be incorporated in the Drawings. All other Work shall remain un-changed.

3.1 DRAWING SHEETS: ADDITIONS, DELETIONS AND REPLACEMENTS

DRAWING NO.	INDICATE ACTION: ADD (A), DELETE (D), DELETE & REPLACE (R),
G-SERIES DRAWINGS	
1-G-101	DELETE AND REPLACE
2-G-101	DELETE AND REPLACE
2-G-102	DELETE AND REPLACE
3-G-101	DELETE AND REPLACE
S-SERIES DRAWINGS	
2-SF1D1	DELETE AND REPLACE
2-SF1L2	DELETE AND REPLACE
2-SF1DR	DELETE AND REPLACE
2-SL1D1	DELETE AND REPLACE
2-S-403	ADD
2-S-414	DELETE AND REPLACE
A-SERIES DRAWINGS	
1-AF1C1	DELETE AND REPLACE
1-AF1D1	DELETE AND REPLACE
1-A-600	DELETE AND REPLACE
2-AF1A1	DELETE AND REPLACE
2-AF1B1	DELETE AND REPLACE
2-AF1D1	DELETE AND REPLACE
2-AF1E1	DELETE AND REPLACE
2-AF1L1	DELETE AND REPLACE
2-AF1F2	DELETE AND REPLACE
2-AF1G2	DELETE AND REPLACE
2-AF1L2	DELETE AND REPLACE
2-AC1A1	DELETE AND REPLACE
2-AC1B1	DELETE AND REPLACE
2-AC1C1	DELETE AND REPLACE
2-AC1D1	DELETE AND REPLACE
2-AC1E1	DELETE AND REPLACE
2-AC1K1	DELETE AND REPLACE
2-A-300	DELETE AND REPLACE
2-A-320	DELETE AND REPLACE
2-A-400	DELETE AND REPLACE
2-A-601	DELETE AND REPLACE
3-AD1A1	DELETE AND REPLACE
3-AD1A2	DELETE AND REPLACE

3-AF1A1	DELETE AND REPLACE
3-AF1A2	DELETE AND REPLACE
3-A-600	DELETE AND REPLACE

END OF ADDENDUM 1

SECTION 074213.23 - METAL COMPOSITE MATERIAL WALL PANELS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

A. Section includes metal composite material wall panels.

1. Coordinate with locations of cavity wall insulation substrate (typical) and parapet sheathing substrate (canopies).

B. Related requirements:

1. Section 072100 "Thermal Insulation" for insulation and air barrier behind panels.
2. Section 092900 "Gypsum Board" for furnishing and installing exterior wall insulation and air barrier system.

1.3 ACTION SUBMITTALS

A. Shop Drawings:

1. Include fabrication and installation layouts of metal composite material panels; details of edge conditions, joints, panel profiles, corners, anchorages, attachment assembly, trim, flashings, closures, and accessories; and special details.
2. Accessories: Include details of the flashing, trim and anchorage, at a scale of not less than 1-1/2 inches per 12 inches.

B. Samples for Verification: For each type of exposed finish required, prepared on Samples of size indicated below.

1. Metal Composite Material Panels: 12 inches long by actual panel width. Include fasteners, closures, and other metal composite material panel accessories.

a. Color Samples shall be submitted on same material as final application.

1) Photographic, digital, or other Sample material is not acceptable.

1.4 INFORMATIONAL SUBMITTALS

A. Qualification Data: For installer, if fabricator is not installer.

1.5 CLOSEOUT SUBMITTALS

A. Maintenance Data: For metal composite material panels to include in maintenance manuals.

1.6 QUALITY ASSURANCE

A. Installer Qualifications: An entity that employs installers and supervisors who are trained and approved by manufacturer.

B. Mockups: Build mockups to verify selections made under Sample submittals and to demonstrate aesthetic effects and set quality standards for fabrication and installation.

1. Build mockup of typical metal composite material panel assembly as shown on Drawings, including corner, supports, attachments, and accessories.
2. Water-Spray Test: Conduct water-spray test of mockup of metal composite material panel assembly, testing for water penetration according to AAMA 501.2.
3. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.
4. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.7 DELIVERY, STORAGE, AND HANDLING

A. Deliver components, metal composite material panels, and other manufactured items so as not to be damaged or deformed. Package metal composite material panels for protection during transportation and handling.

B. Unload, store, and erect metal composite material panels in a manner to prevent bending, warping, twisting, and surface damage.

C. Stack metal composite material panels horizontally on platforms or pallets, covered with suitable weathertight and ventilated covering. Store metal composite material panels to ensure dryness, with positive slope for drainage of water. Do not store metal composite material panels in contact with other materials that might cause staining, denting, or other surface damage.

D. Retain strippable protective covering on metal composite material panels during installation.

E. Copper Panels: Wear gloves when handling to prevent fingerprints and soiling of surface.

1.8 FIELD CONDITIONS

A. Weather Limitations: Proceed with installation only when existing and forecasted weather conditions permit assembly of metal composite material panels to be performed according to manufacturers' written instructions and warranty requirements.

1.9 COORDINATION

A. Coordinate metal composite material panel installation with rain drainage work, flashing, trim, construction of soffits, and other adjoining work to provide a leakproof, secure, and noncorrosive installation.

1.10 WARRANTY

A. Special Warranty: Fabricator's standard form in which fabricator agrees to repair or replace components of metal composite material panel systems that fail in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, the following:

a. Structural failures including rupturing, cracking, or puncturing.
b. Deterioration of metals and other materials beyond normal weathering.

2. Warranty Period: Two years from date of Substantial Completion.

B. Special Warranty on Panel Finishes: Manufacturer's standard form in which manufacturer agrees to repair finish or replace metal composite material panels that show evidence of deterioration of factory-applied finishes within specified warranty period.

1. Exposed Panel Finish: Deterioration includes, but is not limited to, the following:

a. Color fading more than 5 Hunter units when tested according to ASTM D 2244.
b. Chalking in excess of a No. 8 rating when tested according to ASTM D 4214.
c. Cracking, checking, peeling, or failure of paint to adhere to bare metal.

2. Finish Warranty Period: 20 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Structural Performance: Provide metal composite material panel systems capable of withstanding the effects of the following loads, based on testing according to ASTM E 330:

1. Wind Loads: As indicated on Drawings.
2. Other Design Loads: As indicated on Drawings.
3. Deflection Limits: For wind loads, no greater than 1/240 of the span.
4.

B. Air Infiltration: Air leakage of not more than 0.06 cfm/sq. ft. when tested according to ASTM E 283 at the following test-pressure difference:

1. Test-Pressure Difference: 6.24 lbf/sq. ft..

C. Water Penetration under Static Pressure: No water penetration when tested according to ASTM E 331 at the following test-pressure difference:

1. Test-Pressure Difference: 6.24 lbf/sq. ft..

D. Thermal Movements: Allow for thermal movements from ambient and surface temperature changes by preventing buckling, opening of joints, overstressing of components, failure of joint sealants, failure of connections, and other detrimental effects. Base calculations on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss.

1. Temperature Change (Range): 120 deg F, ambient; 180 deg F, material surfaces.

E. Fire-Resistance Ratings: Comply with ASTM E 119; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.

1. Indicate design designations from UL's "Fire Resistance Directory" or from the listings of another qualified testing agency.

F. Fire Propagation Characteristics: Metal composite material wall panel passes NFPA 285 testing.

2.2 METAL COMPOSITE MATERIAL WALL PANELS

A. Metal Composite Material Wall Panel Systems: Provide factory-formed and -assembled, metal composite material wall panels fabricated from two metal facings that are bonded to a solid, extruded thermoplastic core; formed into profile for installation method indicated. Include attachment assembly components, panel stiffeners, if required, and accessories required for weathertight system.

1. Basis-of-Design Product: Subject to compliance with requirements, provide ALUCOBOND; 3A Composites USA, Inc.or comparable product by one of the following:
2. Manufacturers/Products: Subject to compliance with requirements, provide one of the following:

a. Alcoa Architectural Products (USA).; Reynobond FR.
b. Alpolic (fr).
c. ALUCOBOND; 3A Composites USA, Inc.; Alucobond .
d. CENTRIA Architectural Systems; Formabond Wall System.
e. Citadel Architectural Products, Inc.; Envelope 2000 RR.
f. Firestone Metal Products, LLC; UNA-FAB Series 1000.
g.

3. Fabricators: Subject to compliance with requirements, provide panel systems fabricated by one of the following:

a. Advanced Exterior System, LLC.
b. Courtad Inc.

c. Custom Metal Contracting, Ltd.
d. Division 7 Metals
e. Firestone Metal Products.
f. Miller Clapperton Partnership, Inc.
g. Now Specilaties Inc.
h. Sobotec Ltd.

B. Aluminum-Faced Composite Wall Panels Insert drawing designation: Formed with 0.020-inch-thick, coil-coated aluminum sheet facings.

1. Panel Thickness: 0.157 inch .
2. Core: Fire retardant.
3. Exterior Finish:

a. Metallic fluoropolymer

1) Color 1 (Field) -Epernay Champagne Metallic, PVDF 3, The Classic Collection, Alucobond Plus.
2) Color 2 (Entries) - Colorado Gold Metallic, PVDF 3, The Natural Collection, Alucobond Plus.

C. Attachment Assembly Components: Formed from extruded aluminum or material compatible with panel facing.

D. Subframing System Insulated Walls:

1. Basis of Design subject to requirements provide "Vertical CI Girt" as manufactured by Knight-Wall Systems or comparable products by following:

a. EXO Exterior Framing System as manufactured by RAM., Inc.

2. Coating material: ASTM A1046, Zinc-Aluminum-Magnesium, minimum thickness ZM40.
3. Steel Classification: Structural Steel (SS), Grade 50, 50 ksi Yield.
4. Spacing: Comply with manufacturer's Professional Engineers calculations.
5. Vertical Girt: Vertical girt with pre-punched attachment holes, directly attached on top of insulation at regular spacing, with engineered thermally isolated washer assembly and fasteners.

a. Steel Thickness: Minimum 0.046-inch thick (18 gauge).
b. Profile Depth: 1 1/2 inches.
c. Girt Fastening Face, Width: 2-inches.

6. Fasteners:

a. Sufficient length to provide solid attachment through rigid insulation to structure as required by manufacturer.
b. Thermal Isolating Washers: Minimum 0.125 inch thick Polyoxymethylene copolymer (POM) washers with integral centering lip to act as a thermal break between wall anchor fasteners and girt.

1) Tensile Yield Strength: 9.57 ksi per ISO 527
2) Melting Temperature: 329 degrees Fahrenheit per ISO 3146.
3) Basis of Design: ThermaStop Isolator by Knight Wall Systems.

2.3 MISCELLANEOUS MATERIALS

A. Miscellaneous Metal Subframing and Furring: ASTM C 645, cold-formed, metallic-coated steel sheet ASTM A 653/A 653M, G90 coating designation or ASTM A 792/A 792M, Class AZ50 aluminum-zinc-alloy coating designation unless otherwise indicated. Provide manufacturer's standard sections as required for support and alignment of metal composite material panel system.

B. Panel Accessories: Provide components required for a complete, weathertight panel system including secondary support, trim, copings, fasciae, mullions, sills, corner units, clips, flashings, sealants, gaskets, fillers, closure strips, and similar items. Match material and finish (except secondary support hidden from view) of metal composite material panels unless otherwise indicated.

C. Flashing and Trim: Provide flashing and trim formed from same material as metal composite material panels as required to seal against weather and to provide finished appearance. Locations include, but are not limited to, bases, drips, sills, jambs, corners, endwalls, framed openings, rakes, fasciae, parapet caps, soffits, reveals, and fillers. Finish flashing and trim with same finish system as adjacent metal composite material panels.

D. Panel Fasteners: Self-tapping screws designed to withstand design loads. Provide exposed fasteners with heads matching color of metal composite material panels by means of plastic caps or factory-applied coating. Provide EPDM or PVC sealing washers for exposed fasteners.

E. Panel Sealants: ASTM C 920; elastomeric polyurethane or silicone sealant; of type, grade, class, and use classifications required to seal joints in metal composite material panels and remain weathertight; and as recommended in writing by metal composite material panel manufacturer.

F. Butyl Tape: Vapor-retarding, 30- to 40-mil thick, self-adhering, polyethylene-film-reinforced top surface laminated to layer of butyl adhesive with release liner backing.

2.4 FABRICATION

A. General: Fabricate and finish metal composite material panels and accessories at the factory, by manufacturer's standard procedures and processes, as necessary to fulfill indicated performance requirements demonstrated by laboratory testing. Comply with indicated profiles and with dimensional and structural requirements.

B. Fabricate metal composite material panel joints with factory-installed captive gaskets or separator strips that provide a weathertight seal and prevent metal-to-metal contact, and that minimize noise from movements.

C. Sheet Metal Flashing and Trim: Fabricate flashing and trim to comply with manufacturer's recommendations and recommendations in SMACNA's "Architectural Sheet Metal Manual" that apply to design, dimensions, metal, and other characteristics of item indicated.

1. Form exposed sheet metal accessories that are without excessive oil canning, buckling, and tool marks and that are true to line and levels indicated, with exposed edges folded back to form hems.
2. Seams for Aluminum: Fabricate nonmoving seams with flat-lock seams. Form seams and seal with epoxy seam sealer. Rivet joints for additional strength.
3. Seams for Other Than Aluminum: Fabricate nonmoving seams in accessories with flat-lock seams. Tin edges to be seamed, form seams, and solder.
4. Sealed Joints: Form non-expansion, but movable, joints in metal to accommodate sealant and to comply with SMACNA standards.
5. Conceal fasteners and expansion provisions where possible. Exposed fasteners are not allowed on faces of accessories exposed to view.
6. Fabricate cleats and attachment devices from same material as accessory being anchored or from compatible, noncorrosive metal recommended in writing by metal panel manufacturer.

a. Size: As recommended by SMACNA's "Architectural Sheet Metal Manual" or metal wall panel manufacturer for application but not less than thickness of metal being secured.

2.5 FINISHES

A. Protect mechanical and painted finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

B. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Noticeable variations in same piece are not acceptable. Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

C. Aluminum Panels and Accessories:

1. Metallic Fluoropolymer: AAMA 2605. Three-coat fluoropolymer finish with suspended metallic flakes containing not less than 70 percent PVDF resin by weight in both color coat and clear topcoat. Prepare, pretreat, and apply coating to exposed metal surfaces to comply with coating and resin manufacturers' written instructions.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions, with installer present, for compliance with requirements for installation tolerances, metal composite material panel supports, and other conditions affecting performance of the Work.

1. Examine wall framing to verify that girts, angles, channels, studs, and other structural panel support members and anchorage have been installed within alignment tolerances required by metal composite material wall panel manufacturer.
2. Examine wall sheathing to verify that sheathing joints are supported by framing or blocking and that installation is within flatness tolerances required by metal composite material wall panel manufacturer.

    a. Verify that air- or water-resistive barriers have been installed over sheathing or backing substrate to prevent air infiltration or water penetration.

B. Examine roughing-in for components and assemblies penetrating metal composite material panels to verify actual locations of penetrations relative to seam locations of metal composite material panels before installation.

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

3.2 PREPARATION

A. Miscellaneous Supports: Install subframing, furring, and other miscellaneous panel support members and anchorages according to ASTM C 754 and metal composite material panel manufacturer's written recommendations.

3.3 METAL COMPOSITE MATERIAL PANEL INSTALLATION

A. General: Install metal composite material panels according to manufacturer's written instructions in orientation, sizes, and locations indicated on Drawings. Install panels perpendicular to supports unless otherwise indicated. Anchor metal composite material panels and other components of the Work securely in place, with provisions for thermal and structural movement.

1. Shim or otherwise plumb substrates receiving metal composite material panels.
2. Flash and seal metal composite material panels at perimeter of all openings. Fasten with self-tapping screws. Do not begin installation until air- or water-resistive barriers and flashings that will be concealed by metal composite material panels are installed.
3. Install screw fasteners in predrilled holes.
4. Locate and space fastenings in uniform vertical and horizontal alignment.
5. Install flashing and trim as metal composite material panel work proceeds.

6. Locate panel splices over, but not attached to, structural supports. Stagger panel splices and end laps to avoid a four-panel lap splice condition.
7. Align bottoms of metal composite material panels and fasten with blind rivets, bolts, or self-tapping screws. Fasten flashings and trim around openings and similar elements with self-tapping screws.
8. Provide weathertight escutcheons for pipe- and conduit-penetrating panels.

B. Fasteners:

1. Aluminum Panels: Use aluminum or stainless-steel fasteners for surfaces exposed to the exterior; use aluminum or galvanized-steel fasteners for surfaces exposed to the interior.

C. Metal Protection: Where dissimilar metals contact each other or corrosive substrates, protect against galvanic action as recommended in writing by metal composite material panel manufacturer.

D. Attachment Assembly, General: Install attachment assembly required to support metal composite material wall panels and to provide a complete weathertight wall system, including subgirts, perimeter extrusions, tracks, drainage channels, panel clips, and anchor channels.

1. Include attachment to supports, panel-to-panel joinery, panel-to-dissimilar-material joinery, and panel-system joint seals.

E. Installation: Attach metal composite material wall panels to supports at locations, spacings, and with fasteners recommended by manufacturer to achieve performance requirements specified.

1. Dry Seal Systems: Seal horizontal and vertical joints between adjacent metal composite material wall panels with manufacturer's standard gasket system.

F. Subgirt-and-Spline Installation: Install support assembly at locations, spacings, and with fasteners recommended by manufacturer. Use manufacturer's standard subgirts and splines that provide support and complete secondary drainage assembly, draining to the exterior at horizontal joints. Attach metal composite material wall panels by interlocking perimeter extrusions attached to panels with subgirts and splines. Fully engage integral subgirt-and-spline gaskets and leave horizontal and vertical joints with open reveal. Terminate edge of panels flush with perimeter extrusions.

1. Install wall panels to allow individual panels to "free float" and be installed and removed without disturbing adjacent panels.
2. Do not apply sealants to joints unless otherwise indicated.

G. Rainscreen-Principle Installation: Install using manufacturer's standard assembly with vertical channel that provides support and secondary drainage assembly, draining at base of wall. Notch vertical channel to receive support pins. Install vertical channels supported by channel brackets or adjuster angles and at locations, spacings, and with fasteners recommended by manufacturer. Attach metal composite material wall panels by inserting horizontal support pins into notches in vertical channels and into flanges of panels. Leave horizontal and vertical joints with open reveal.

1. Install wall panels to allow individual panels to be installed and removed without disturbing adjacent panels.
2. Do not apply sealants to joints unless otherwise indicated.
3. Provide 4 inches wide butyl tape behind girts and support structure on rigid insulation to provide seal of screws that penetrate rigid insulation to minimize thermal shorts in exterior walls.

H. Accessory Installation: Install accessories with positive anchorage to building and weathertight mounting, and provide for thermal expansion. Coordinate installation with flashings and other components.

1. Install components required for a complete metal composite material panel assembly including trim, corners, seam covers, flashings, sealants, gaskets, fillers, closure strips, and similar items. Provide types indicated by metal composite material panel manufacturer; or, if not indicated, provide types recommended in writing by metal composite material panel manufacturer.

I. Flashing and Trim: Comply with performance requirements, manufacturer's written installation instructions, and SMACNA's "Architectural Sheet Metal Manual." Provide concealed fasteners where possible, and set units true to line and level as indicated. Install work with laps, joints, and seams that are permanently watertight.

1. Install exposed flashing and trim that is without buckling and tool marks and that is true to line and levels indicated, with exposed edges folded back to form hems. Install sheet metal flashing and trim to fit substrates and to result in waterproof performance.
2. Expansion Provisions: Provide for thermal expansion of exposed flashing and trim. Space movement joints at a maximum of 10 feet with no joints allowed within 24 inches of corner or intersection. Where lapped expansion provisions cannot be used or would not be sufficiently waterproof, form expansion joints of intermeshing hooked flanges, not less than 1 inch deep, filled with mastic sealant (concealed within joints).

3.4 ERECTION TOLERANCES

A. Installation Tolerances: Shim and align metal composite material wall panel units within installed tolerance of 1/4 inch in 20 feet, non-accumulative, on level, plumb, and location lines as indicated, and within 1/8-inch offset of adjoining faces and of alignment of matching profiles.

3.5 FIELD QUALITY CONTROL

A. Testing Agency: Owner may engage a qualified independent testing agency to perform field tests and inspections.

B. Water-Spray Test: After installation, test area of assembly as directed by Architect Insert area for water penetration according to AAMA 501.2.

C. Metal composite material wall panels will be considered defective if they do not pass test and inspections.

D. Additional tests and inspections, at Contractor's expense, are performed to determine compliance of replaced or additional work with specified requirements.

E. Prepare test and inspection reports.

3.6 CLEANING AND PROTECTION

A. Remove temporary protective coverings and strippable films, if any, as metal composite material panels are installed, unless otherwise indicated in manufacturer's written installation instructions. On completion of metal composite material panel installation, clean finished surfaces as recommended by metal composite material panel manufacturer. Maintain in a clean condition during construction.

B. After metal composite material panel installation, clear weep holes and drainage channels of obstructions, dirt, and sealant.

C. Replace metal composite material panels that have been damaged or have deteriorated beyond successful repair by finish touchup or similar minor repair procedures.

END OF SECTION

SECTION 074293 - SOFFIT PANELS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

A. Section includes strip, linear metal pans and suspension systems for ceilings.

B. Related Requirements:

1. Section 095113 "Acoustical Panel Ceilings" for lay-in, acoustical panel ceilings .

1.3 DEFINITIONS

A. LR: Light Reflectance coefficient.

B. NRC: Noise Reduction Coefficient.

1.4 COORDINATION

A. Coordinate layout and installation of linear metal pans and suspension system with other construction that penetrates ceilings or is supported by them, including light fixtures, HVAC equipment, fire-suppression system, and partition assemblies.

1.5 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference at Project site.

1.6 ACTION SUBMITTALS

A. Product Data: For each type of product.

B. Samples for Initial Selection: For components with factory-applied color and other decorative finishes.

C. Samples for Verification: For each component indicated and for each exposed finish required, prepared on Samples of size indicated below:

1. Linear Metal Pan: Set of 12-inch- long Samples of each type and color and a 12-inch-long spliced section.
2. Suspension System Members: 12-inch- long Sample of each type.
3. Exposed Molding and Trim: Set of 12-inch- long Samples of each type, finish, and color.
4. Filler Strips: Set of 12-inch- long Samples of each type, finish, and color.
5. Sound Absorber: 12 inches long.
6. End Cap: Full size.

1.7 INFORMATIONAL SUBMITTALS

A. Coordination Drawings: Reflected ceiling plans, drawn to scale, on which the following items are shown and coordinated with each other, using input from installers of the items involved:

1. Linear pattern.
2. Joint pattern.
3. Ceiling suspension members.
4. Method of attaching hangers to building structure.
    a. Furnish layouts for cast-in-place anchors, clips, and other ceiling attachment devices whose installation is specified in other Sections.
5. Ceiling-mounted items including light fixtures, diffusers, grilles, speakers, sprinklers, and access panels.
6. Ceiling perimeter and penetrations through ceiling; trim and moldings.
7. Minimum Drawing Scale: 1/8 inch = 1 foot .

1.8 CLOSEOUT SUBMITTALS

A. Maintenance Data: For finishes to include in maintenance manuals.

1.9 MAINTENANCE MATERIAL SUBMITTALS

A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

1. Linear Metal Ceiling Components: Quantity of each pan, carrier, accessory, and exposed molding and trim equal to 5 percent of quantity installed.

1.10 QUALITY ASSURANCE

A. Testing Agency Qualifications: Accredited by National Voluntary Laboratory Accreditation Program for testing indicated.

B. Mockups: Build mockups to verify selections made under Sample submittals and to demonstrate aesthetic effects and to set quality standards for materials and execution.

1. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.11 DELIVERY, STORAGE, AND HANDLING

A. Deliver linear metal pans, suspension system components, and accessories to Project site in original, unopened packages and store them in a fully enclosed, conditioned space where they are protected against damage from moisture, humidity, temperature extremes, direct sunlight, surface contamination, and other causes.

B. Handle linear metal pans, suspension system components, and accessories carefully to avoid damaging units and finishes in any way.

C. Before installing acoustical ceiling units, permit them to reach room temperature and a stabilized moisture content.

1.12 WARRANTY

A. Acoustical Panel: Submit a written warranty executed by the manufacture, agreeing to repair or replace panels that fall within the warranty period. Failures include, but are not limited to the following:

1. Acoustical panels: Sagging and warping
2. Grid System: Rusting and manufacturer's defects.

B. Warranty Period:

1. Acoustical Metal Ceiling Units: One (1) year from date of substantial completion.
2. Grid: ten (10) years from date of substantial completion.

1.13 PROJECT CONDITIONS

A. Environmental Limitations: Do not install linear metal ceilings until spaces are enclosed and weathertight, wet work in spaces is complete and dry, work above ceilings is complete, and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Thermal Movements: Allow for thermal movements from ambient and surface temperature changes.

1. Temperature Change (Range): 120 deg F, ambient; 180 deg F material surfaces.

B. Surface-Burning Characteristics: Comply with ASTM E 84; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.

1. Flame-Spread Index: Comply with ASTM E 1264 for Class A materials.

2.2 LINEAR METAL CEILING PANS (APC-5)

Retain "Acoustical Metal Pan Standard" Paragraph below if ceiling pans are specified by referencing ASTM E 1264 for purposes of specifying type, acoustical ratings, and light reflectance.

A. Acoustical Metal Pan Standard: Provide manufacturer's standard linear metal pans of configuration indicated that comply with ASTM E 1264 classifications as designated by types, acoustical ratings, and light reflectances unless otherwise indicated.

1. Basis-of-Design Product: Subject to compliance with requirements, provide Metalworks Linear Immex Ceiling by Armstrong Ceiling Solutions product indicated on Drawings or comparable product by one of the following:

a. American Decorative Ceilings (ADC).
b. Ceilings Plus.
c. Chicago Metallic Corporation.
d. Hunter Douglas Architectural Products, Inc.
e. Simplex Ceilings, a division of Intalite Inc.
f. United States Gypsum Company.
g. Endura by Rulon.

"Mounting Method for Measuring NRC" Subparagraph below represents standard mounting referenced in ASTM E 1264. Revise if testing units with another mounting method is required for Project.

B. Sheet Metal Characteristics: For metal components exposed to view in the completed Work, provide materials with smooth, flat surfaces without blemishes. Do not use materials with exposed pitting, seam marks, roller marks, roughness, stains, or discolorations.

Retain applicable sheet metal material(s) from "Aluminum Sheet," "Steel Sheet," and "Stainless-Steel Sheet" subparagraphs below.

1. Aluminum Sheet: Roll-formed aluminum sheet, complying with ASTM B 209 (ASTM B 209M); alloy and temper recommended by aluminum producer and finisher for type of use and finish indicated.

ASTM C 635/C 635M includes requirements for coatings and finishes for suspension system components.

Retain or revise "Painted Finishes" Subparagraph for painted finishes or "Chemical/Mechanical Finishes" Subparagraph below for chemical/mechanical finishes. See Table 2 in the Evaluations, and verify availability of finishes with manufacturers.

Stainless steel is available from most manufacturers as a custom, rather than a standard, product. Some manufacturers offer only Type 430, which is a general-purpose ferritic stainless steel with less corrosion resistance than the 300-Series austenitic alloys.

C. Pan Fabrication: Manufacturer's standard units of size, profile, and edge treatment indicated, formed from metal indicated to snap on and be securely retained on carriers without separate fasteners, and finished to comply with requirements indicated.

    a. Basis-of-Design: Metalworks Linear Immex ceilings by Armstrong World Industries

        1) 374A61 - Microperforated (with plain border and acoustical fleece) - 24" x 96", 6" Plank Width, 1" Plank Height, 4 Planks per panel, 1/8" Space between Planks.
        2) Color/Pattern: Custom Color.
        3) 0.75 NRC

D. Pan Splices: Construction same as pans, in lengths 8 to 12 inches (200 to 300 mm); with manufacturer's standard finish.

E. End Caps: Metal matching pans Plastic Manufacturer's standard material; fabricated to fit and conceal exposed ends of pans - where applicable .

F. Filler Strips: Metal matching pans Plastic Manufacturer's standard material; fabricated to uninterruptedly close voids between pans.

G. Moldings and Trim: Provide manufacturer's standard moldings and trim for exposed members, and as indicated or required, for edges and penetrations of ceiling, around fixtures, at changes in ceiling height, and for other conditions; of same metal and finish as linear metal ceiling pans.

Retain "Sound-Absorbent Fabric Layer" Paragraph below for sound-absorbent fabric; retain second paragraph for pads to reduce noise within a closed space. Coordinate with acoustical performance requirements if any.

H. Sound-Absorbent Fabric Layer: Provide fabric layer, sized to fit concealed surface of pan, and consisting of black, nonwoven, nonflammable, sound-absorbent material with surface-burning characteristics for flame-spread index of 25 or less and smoke-developed index of 50 or less, as determined by testing per ASTM E 84.

Verify availability of sound-absorbent fabric with manufacturer. Retain subparagraph below if standard with manufacturer.

1. Bond fabric layer to pan in the factory with manufacturer's standard nonflammable adhesive.
2. Color as selected by Architect from Manufacturers full range.

2.3 METAL SUSPENSION SYSTEMS

A. Metal Suspension Systems Standard: Provide ceiling manufacturer's standard metal suspension systems of types and finishes indicated that comply with applicable ASTM C 635/C 635M requirements.

B. Suspension Systems: Provide systems complete with carriers, splice sections, connector clips, alignment clips, leveling clips, hangers, molding, trim, retention clips, load-resisting struts, fixture adapters, and other suspension components required to support ceiling units and other ceiling-supported construction.

C. Attachment Devices: Size for five times the design load indicated in ASTM C 635/C 635M, Table 1, Direct Hung, unless otherwise indicated.

D. Wire Hangers, Braces, and Ties: Provide wire complying with the following requirements:

1. Zinc-Coated, Carbon-Steel Wire: ASTM A 641/A 641M, Class 1 zinc coating, soft temper.
2. Stainless-Steel Wire: ASTM A 580/A 580M, Type 304, nonmagnetic.
3. Nickel-Copper-Alloy Wire: ASTM B 164, nickel-copper-alloy UNS No. N04400.
4. Size: Select wire diameter so its stress at 3 times the hanger design load indicated in ASTM C 635/C 635M, Table 1, Direct Hung is less than yield stress of wire, but provide not less than 0.106-inch- 0.135-inch- Insert dimension diameter wire.

E. Hanger Rods Flat Hangers: Mild steel, zinc coated or protected with rust-inhibitive paint.

F. Angle Hangers: Angles with legs not less than 7/8 inch wide; formed from 0.04-inch- thick, galvanized-steel sheet complying with ASTM A 653/A 653M, G90 coating designation; with bolted connections and 5/16-inch- diameter bolts.

G. Carriers: Factory finished .

1. Main Carriers: Aluminum, not less than 0.240-inch rolled sheet, alloy and temper recommended by aluminum producer and finisher for type of use and finish indicated, complying with ASTM B 209 .
2. Main Carriers: Steel, not less than 0.0209-inch nominal thickness, cold-rolled sheet, with factory-applied protective coating, complying with ASTM C 635/C 635M.

    a. Electrolytic Zinc-Coated Steel: ASTM A 879/A 879M, not less than 08Z Insert coating designation zinc coating.
    b. Hot-Dip Galvanized Steel: ASTM A 653/A 653M, not less than G60 Insert coating designation zinc coating.

3. Adaptable Carriers: Manufacturer's standard carriers for direct attachment to existing suspended tees.
4. Expansion Carriers: Manufacturer's standard carriers allowing for irregularities or other unusual space conditions.

H. Carrier Splices: Same metal, profile, and finish as for carriers.

I. Stabilizer Channels, Tees, and Bars: Manufacturer's standard components for stabilizing main carriers at regular intervals and at light fixtures, air-distribution equipment, access doors, and other equipment; spaced as standard with manufacturer for use indicated; and factory finished with matte-black baked finish.

J. Edge Moldings and Trim: Provide exposed members as indicated or required to comply with seismic requirements of authorities having jurisdiction, to conceal edges of penetrations through ceiling, to conceal ends of pans and carriers, for fixture trim and adapters, for fasciae at changes in ceiling height, and for other conditions; of metal and finish matching linear metal pans or extruded plastic unless otherwise indicated.

1. For Circular Penetrations of Ceiling: Fabricate edge moldings to diameter required to fit penetration exactly.
2. Basis-of-Design Product: Subject to compliance with requirements, provide Metalworks Linear ceiling or comparable product by one of the following:

    a. American Decorative Ceilings (ADC).
    b. Ceilings Plus.
    c. Chicago Metallic Corporation.
    d. Hunter Douglas Architectural Products, Inc.
    e. Simplex Ceilings, a division of Intalite Inc.
    f. United States Gypsum Company.

2.4 ACCESSORIES

A. Access Panels: For access at locations indicated, provide door hinge assembly, retainer clip, and retainer bar, assembled with ceiling panels and carrier sections into access doors of required size, permitting upward or downward opening.

B. Plank Clips: 316 Stainless steel Quick-Screen Clips that are shipped loose for field installation.

2.5 GENERAL FINISH REQUIREMENTS

A. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

B. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

C. High-Humidity Finish: Comply with ASTM C 635/C 635M requirements for "Coating Classification for Severe Environment Performance" where high-humidity finishes are indicated.

2.6 ALUMINUM FINISHES

A. Color-Coated Finish: Manufacturer's standard powder-coat baked paint finish complying with coating manufacturer's written instructions for surface preparation, pretreatment, application, baking, and minimum dry film thickness.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions, including structural framing and substrates to which linear metal ceilings attach or abut, with Installer present, for compliance with requirements specified in this and other Sections that affect ceiling installation and anchorage and with requirements for installation tolerances and other conditions affecting performance of linear metal ceilings.

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

3.2 PREPARATION

A. Measure each ceiling area and establish layout of linear metal pans to balance border widths at opposite edges of each ceiling. Avoid using less-than-half-width pans at borders, and comply with layout shown on reflected ceiling plans and on Coordination Drawings.

3.3 INSTALLATION

A. Comply with ASTM C 636/C 636M and seismic requirement indicated, per manufacturer's written instructions and CISCA's "Ceiling Systems Handbook."

B. Suspend ceiling hangers from building's structural members and as follows:

1. Install hangers plumb and free from contact with insulation or other objects within ceiling plenum that are not part of supporting structure or of ceiling suspension system.
2. Splay hangers only where required to miss obstructions; offset resulting horizontal forces by bracing, countersplaying, or other equally effective means.
3. Where width of ducts and other construction within ceiling plenum produces hanger spacings that interfere with location of hangers at spacings required to support standard suspension system members, install supplemental suspension members and hangers in form of trapezes or equivalent devices.

4. Secure wire hangers to ceiling suspension members and to supports above with a minimum of three tight turns. Connect hangers directly either to structures or to inserts, eye screws, or other devices that are secure and appropriate for substrate to which hangers are attached and for type of hanger involved.
5. Secure flat, angle, channel, and rod hangers to structure, including intermediate framing members, by attaching to inserts, eye screws, or other devices that are secure and appropriate for both structure to which hangers are attached and type of hanger involved. Install hangers in a manner that does not cause them to deteriorate or fail due to age, corrosion, or elevated temperatures.
6. Do not support ceilings directly from permanent metal forms or floor deck. Fasten hangers to cast-in-place hanger inserts, postinstalled mechanical or adhesive anchors, or power-actuated fasteners that extend through forms into concrete.
7. When steel framing does not permit installation of hanger wires at spacing required, install carrying channels or other supplemental support for attachment of hanger wires.
8. Do not attach hangers to steel deck tabs.
9. Do not attach hangers to steel roof deck. Attach hangers to structural members.
10. Space hangers not more than 48 inches o.c. along each member supported directly from hangers unless otherwise indicated; provide hangers not more than 8 inches from ends of each member.
11. Size supplemental suspension members and hangers to support ceiling loads within performance limits established by referenced standards and publications.

C. Secure bracing wires to ceiling suspension members and to supports with a minimum of four tight turns. Suspend bracing from building's structural members as required for hangers but without attaching to permanent metal forms, steel deck, or steel deck tabs. Fasten bracing wires into concrete with cast-in-place or postinstalled anchors.

D. Install edge moldings and trim of type indicated at perimeter of linear metal ceiling area and where necessary to conceal edges and ends of linear metal pans.

1. Screw attach moldings to substrate at intervals not more than 16 inches o.c. and not more than 3 inches from ends, leveling with ceiling suspension system to a tolerance of 1/8 inch in 12 feet. Miter corners accurately and connect securely.
2. Do not use exposed fasteners, including pop rivets, on moldings and trim.

E. Install suspension system carriers so they are aligned and securely interlocked with one another. Remove and replace dented, bent, or kinked members.

F. Cut linear metal pans for accurate fit at borders and at interruptions and penetrations by other work through ceilings. Stiffen edges of cut units as required to eliminate evidence of buckling or variations in flatness exceeding referenced standards for stretcher-leveled metal sheet.

G. Install linear metal pans in coordination with suspension system and exposed moldings and trim.

1. Align joints in adjacent courses to form uniform, straight joints parallel to room axis in both directions unless otherwise indicated.
2. Fit adjoining units to form flush, tight joints. Scribe and cut units for accurate fit at borders and around construction penetrating ceiling.
3. Install panels in intermittent pattern as indicated on drawings.

4. Install pans with butt joints using internal pan splices and in the following joint configuration:

    a. Random.

5. Install directionally textured metal pans in directions indicated.
6. Where metal pan ends are visible, install end caps unless trim is indicated.
7. Install filler strips where indicated.
8. Install sound-absorbent pads at right angle to perforated metal pans so pads do not hang unsupported.

H. Install hold-down clips where indicated.

3.4 CLEANING

A. Clean exposed surfaces of linear metal ceilings, including trim and edge moldings after removing strippable, temporary protective covering if any. Comply with manufacturer's written instructions for stripping of temporary protective covering, cleaning, and touchup of minor finish damage. Remove and replace ceiling components that cannot be successfully cleaned and repaired to permanently eliminate evidence of damage, including dented and bent units.

END OF SECTION

SECTION 085113 - ALUMINUM WINDOWS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

A. Section includes aluminum windows for exterior locations.

B. Related Requirements:

1. Section 077100 "Roof Specialties" for coordinating finish with fenestration units.
2. Section 084113 "Aluminum-Framed Entrances and Storefronts" for coordinating finish among aluminum fenestration units.
3. Section 084413 "Glazed Aluminum Curtain Walls" for coordinating finish among aluminum fenestration units.
4. Section 088000 "Glazing" for glass in windows.

1.3 ACTION SUBMITTALS

A. Shop Drawings: For aluminum windows.

1. Include plans, elevations, sections, hardware, accessories, insect screens, operational clearances, and details of installation, including anchor, flashing, and sealant installation.

B. Samples for Verification: For aluminum windows and components required, showing full range of color variations for finishes, and prepared on Samples of size indicated below:

1. Exposed Finishes: 2 by 4 inches .

a. Color Samples shall be submitted on same material as final application. Photographic, digital, or other Sample material is not acceptable.

1.4 INFORMATIONAL SUBMITTALS

A. Product Test Reports: For each type of aluminum window, for tests performed by a qualified testing agency.

1.5 QUALITY ASSURANCE

A. Manufacturer Qualifications: A manufacturer capable of fabricating aluminum windows that meet or exceed performance requirements indicated and of documenting this performance by test reports and calculations.

B. Installer Qualifications: An installer acceptable to aluminum window manufacturer for installation of units required for this Project.

C. Mockups: Build mockups to verify selections made under Sample submittals, to demonstrate aesthetic effects, and to set quality standards for materials and execution.

1. Build mockup of typical wall area as shown on Drawings.
2. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.
3. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.6 WARRANTY

A. Manufacturer's Warranty: Manufacturer agrees to repair or replace aluminum windows that fail in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, the following:

a. Failure to meet performance requirements.
b. Structural failures including excessive deflection, water leakage, condensation, and air infiltration.
c. Faulty operation of movable sash and hardware.
d. Deterioration of materials and finishes beyond normal weathering.
e. Failure of insulating glass.

2. Warranty Period:

a. Window: 10 years from date of Substantial Completion.
b. Glazing Units: 10 years from date of Substantial Completion.
c. Aluminum Finish: 20 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Source Limitations: Obtain aluminum windows from single source from single manufacturer.

2.2 WINDOW PERFORMANCE REQUIREMENTS

A. Product Standard: Comply with AAMA/WDMA/CSA 101/I.S.2/A440 for definitions and minimum standards of performance, materials, components, accessories, and fabrication unless more stringent requirements are indicated.

1. Window Certification: AAMA certified with label attached to each window.

B. Performance Class and Grade: AAMA/WDMA/CSA 101/I.S.2/A440 as follows:

1. Minimum Performance Class: AW.
2. Minimum Performance Grade: 80.

C. Thermal Transmittance: NFRC 100 maximum whole-window U-factor of 0.50 Btu/sq. ft. x h x deg F.

D. Solar Heat-Gain Coefficient (SHGC): NFRC 200 maximum whole-window SHGC of 0.40.

E. Condensation-Resistance Factor (CRF): Provide aluminum windows tested for thermal performance according to AAMA 1503, as follows:

1. CRF for frame: Not less than 70.
2. CRF for glass: Not less than 66.

F. Thermal Movements: Provide aluminum windows, including anchorage, that allow for thermal movements resulting from the following maximum change (range) in ambient and surface temperatures by preventing buckling, opening of joints, overstressing of components, failure of joint sealants, failure of connections, and other detrimental effects. Base engineering calculation on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss.

1. Temperature Change: 120 deg F ambient; 180 deg F material surfaces.

G. Sound Transmission Class (STC): Rated for not less than 33 STC when tested for laboratory sound transmission loss according to ASTM E 90 and determined by ASTM E 413.

H. Outside-Inside Transmission Class (OITC): Rated for not less than 26 OITC when tested for laboratory sound transmission loss according to ASTM E 90 and determined by ASTM E 1332.

I. Forced Entry Resistance: Grade 10 in compliance with ASTM F 588.

2.3 ALUMINUM WINDOWS

A. Basis-of-Design Product: Subject to compliance with requirements, provide "OptiQ Ultra Thermal Windows AA4325 Series" as manufactured by Kawneer, an Alcoa Company or comparable product by one of the following:

1. EFCO Corporation.
2. Graham Architectural Products Corporation.

3. Peerless Products Inc.
4. Wausau Window and Wall Systems; Apogee Wausau Group.

B. Operating Types: Provide the following operating types in locations indicated on Drawings:

1. Awning: Project out.

C. Frames and Sashes: Aluminum extrusions complying with AAMA/WDMA/CSA 101/I.S.2/A440.

1. Thermally Improved Construction: Fabricate frames, sashes, and muntins with an integral, concealed, low-conductance thermal barrier located between exterior materials and window members exposed on interior side in a manner that eliminates direct metal-to-metal contact and is similar to construction utilized in "Basis of Design" model as determined by Architect.

D. Glazing: Glass and glazing system are specified in Section 088000 "Glazing".

E. Hardware, General: Provide manufacturer's standard hardware fabricated from aluminum, stainless steel, carbon steel complying with AAMA 907, or other corrosion-resistant material compatible with adjacent materials; designed to smoothly operate, tightly close, and securely lock windows, and sized to accommodate sash weight and dimensions.

1. Exposed Hardware Color and Finish: As selected by Architect from manufacturer's full range.

F. Projected Window Hardware:

1. Gear-Type Rotary Operators: Complying with AAMA 901 when tested according to ASTM E 405, Method A. Provide operators that function without requiring the removal of interior screens or using screen wickets.

a. Type and Style: As selected by Architect from manufacturer's full range of types and styles.

2. Hinges: Non-friction type, not less than two per sash.
3. Lock: Lever handle and cam-action lock with keeper.
4. Limit Devices: Concealed support arms with adjustable, limited, hold-open limit devices designed to restrict sash opening.

a. Limit clear opening to 4 inches for ventilation; with custodial key release.

G. Weather Stripping: Provide full-perimeter weather stripping for each operable sash unless otherwise indicated.

H. Fasteners: Noncorrosive and compatible with window members, trim, hardware, anchors, and other components.

1. Exposed Fasteners: Do not use exposed fasteners to greatest extent possible. For application of hardware, use fasteners that match finish hardware being fastened.

2.4 ACCESSORIES

A. Interior Trim: Extruded-aluminum profiles in sizes and configurations indicated on Drawings.

B. Panning Trim: Extruded-aluminum profiles in sizes and configurations indicated on Drawings.

C. Receptor System: Two-piece, snap-together, thermally broken, extruded-aluminum receptor system that anchors windows in place.

2.5 INSECT SCREENS

A. General: Fabricate insect screens to integrate with window frame. Provide screen for each operable exterior sash. Screen wickets are not permitted.

1. Type and Location: Full, inside for project-out sashes.

B. Aluminum Frames: Manufacturer's standard aluminum alloy complying with SMA 1004 or SMA 1201. Fabricate frames with mitered or coped joints or corner extrusions, concealed fasteners, and removable PVC spline/anchor concealing edge of frame.

1. Tubular Framing Sections and Cross Braces: Roll formed from aluminum sheet.

C. Aluminum Wire Fabric: 18-by-16 mesh of 0.011-inch- diameter, coated aluminum wire.

1. Wire-Fabric Finish: Natural bright.

2.6 FABRICATION

A. Fabricate aluminum windows in sizes indicated. Include a complete system for assembling components and anchoring windows.

B. Glaze aluminum windows in the factory.

C. Weather strip each operable sash to provide weathertight installation.

D. Weep Holes: Provide weep holes and internal passages to conduct infiltrating water to exterior.

E. Complete fabrication, assembly, finishing, hardware application, and other work in the factory to greatest extent possible. Disassemble components only as necessary for shipment and installation.

2.7 GENERAL FINISH REQUIREMENTS

A. Comply with NAAMM's "Metal Finishes Manual" for recommendations for applying and designating finishes.

B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

C. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

2.8 ALUMINUM FINISHES

A. Finish designations prefixed by AA comply with the system established by the Aluminum Association for designating aluminum finishes.

B. Class I, Clear Anodic Finish: AA-M12C22A41 (Mechanical Finish: nonspecular as fabricated; Chemical Finish: etched, medium matte; Anodic Coating: Architectural Class I, clear coating 0.018 mm or thicker) complying with AAMA 611.

C. High-Performance Organic Finish (Two-Coat Fluoropolymer): AA-C12C40R1x (Chemical Finish: cleaned with inhibited chemicals; Chemical Finish: conversion coating; Organic Coating: manufacturer's standard two-coat, thermocured system consisting of specially formulated inhibitive primer and fluoropolymer color topcoat containing not less than 70 percent polyvinylidene fluoride resin by weight). Prepare, pretreat, and apply coating to exposed metal surfaces to comply with AAMA 2605 and with coating and resin manufacturers' written instructions.

1. Color and Gloss: As selected by Architect from full range of industry colors and color densities.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine openings, substrates, structural support, anchorage, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.

B. Verify rough opening dimensions, levelness of sill plate, and operational clearances.

C. Examine wall flashings, vapor retarders, water and weather barriers, and other built-in components to ensure weathertight window installation.

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

3.2 INSTALLATION

A. Comply with manufacturer's written instructions for installing windows, hardware, accessories, and other components. For installation procedures and requirements not addressed in manufacturer's written instructions, comply with installation requirements in ASTM E 2112.

B. Install windows level, plumb, square, true to line, without distortion or impeding thermal movement, anchored securely in place to structural support, and in proper relation to wall flashing and other adjacent construction to produce weathertight construction.

C. Install windows and components to drain condensation, water penetrating joints, and moisture migrating within windows to the exterior.

D. Separate aluminum and other corrodible surfaces from sources of corrosion or electrolytic action at points of contact with other materials.

3.3 FIELD QUALITY CONTROL

A. Testing Agency: Owner may engage a qualified testing agency to perform tests and inspections.

1. Testing and inspecting agency will interpret tests and state in each report whether tested work complies with or deviates from requirements.

B. Testing Services: Testing and inspecting of installed windows shall take place as follows:

1. Testing Methodology: Testing of windows for air infiltration and water resistance shall be performed according to AAMA 502.
2. Air-Infiltration Testing:

    a. Test Pressure: That required to determine compliance with AAMA/WDMA/CSA 101/I.S.2/A440 performance class indicated.
    b. Allowable Air-Leakage Rate: 1.5 times the applicable AAMA/WDMA/CSA 101/I.S.2/A440 rate for product type and performance class rounded down to one decimal place.

3. Water-Resistance Testing:

    a. Test Pressure: Two-thirds times test pressure required to determine compliance with AAMA/WDMA/CSA 101/I.S.2/A440 performance grade indicated.
    b. Allowable Water Infiltration: No water penetration.

4. Testing Extent: Three windows of each type as selected by Architect and a qualified independent testing and inspecting agency. Windows shall be tested after perimeter sealants have cured.
5. Test Reports: Prepared according to AAMA 502.

C. Windows will be considered defective if they do not pass tests and inspections.

D. Prepare test and inspection reports.

3.4 ADJUSTING, CLEANING, AND PROTECTION

A. Adjust operating sashes and hardware for a tight fit at contact points and weather stripping for smooth operation and weathertight closure.

B. Clean exposed surfaces immediately after installing windows. Avoid damaging protective coatings and finishes. Remove excess sealants, glazing materials, dirt, and other substances.

1. Keep protective films and coverings in place until final cleaning.

C. Remove and replace glass that has been broken, chipped, cracked, abraded, or damaged during construction period.

D. Protect window surfaces from contact with contaminating substances resulting from construction operations. If contaminating substances do contact window surfaces, remove contaminants immediately according to manufacturer's written instructions.

END OF SECTION

SECTION 095423 - LINEAR METAL CEILINGS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

A. Section includes strip, linear metal pans and suspension systems for ceilings.

B. Related Requirements:

1. Section 095113 "Acoustical Panel Ceilings" for lay-in, acoustical panel ceilings .

1.3 DEFINITIONS

A. LR: Light Reflectance coefficient.

B. NRC: Noise Reduction Coefficient.

1.4 COORDINATION

A. Coordinate layout and installation of linear metal pans and suspension system with other construction that penetrates ceilings or is supported by them, including light fixtures, HVAC equipment, fire-suppression system, and partition assemblies.

1.5 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference at Project site.

1.6 ACTION SUBMITTALS

A. Product Data: For each type of product.

B. Samples for Initial Selection: For components with factory-applied color and other decorative finishes.

C. Samples for Verification: For each component indicated and for each exposed finish required, prepared on Samples of size indicated below:

1. Linear Metal Pan: Set of 12-inch- long Samples of each type and color and a 12-inch-long spliced section.
2. Suspension System Members: 12-inch- long Sample of each type.
3. Exposed Molding and Trim: Set of 12-inch- long Samples of each type, finish, and color.
4. Filler Strips: Set of 12-inch- long Samples of each type, finish, and color.
5. Sound Absorber: 12 inches long.
6. End Cap: Full size.

1.7 INFORMATIONAL SUBMITTALS

A. Coordination Drawings: Reflected ceiling plans, drawn to scale, on which the following items are shown and coordinated with each other, using input from installers of the items involved:

1. Linear pattern.
2. Joint pattern.
3. Ceiling suspension members.
4. Method of attaching hangers to building structure.
    a. Furnish layouts for cast-in-place anchors, clips, and other ceiling attachment devices whose installation is specified in other Sections.
5. Ceiling-mounted items including light fixtures, diffusers, grilles, speakers, sprinklers, and access panels.
6. Ceiling perimeter and penetrations through ceiling; trim and moldings.
7. Minimum Drawing Scale: 1/8 inch = 1 foot .

1.8 CLOSEOUT SUBMITTALS

A. Maintenance Data: For finishes to include in maintenance manuals.

1.9 MAINTENANCE MATERIAL SUBMITTALS

A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

1. Linear Metal Ceiling Components: Quantity of each pan, carrier, accessory, and exposed molding and trim equal to 5 percent of quantity installed.

1.10 QUALITY ASSURANCE

A. Testing Agency Qualifications: Accredited by National Voluntary Laboratory Accreditation Program for testing indicated.

B. Mockups: Build mockups to verify selections made under Sample submittals and to demonstrate aesthetic effects and to set quality standards for materials and execution.

1. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.11 DELIVERY, STORAGE, AND HANDLING

A. Deliver linear metal pans, suspension system components, and accessories to Project site in original, unopened packages and store them in a fully enclosed, conditioned space where they are protected against damage from moisture, humidity, temperature extremes, direct sunlight, surface contamination, and other causes.

B. Handle linear metal pans, suspension system components, and accessories carefully to avoid damaging units and finishes in any way.

C. Before installing acoustical ceiling units, permit them to reach room temperature and a stabilized moisture content.

1.12 WARRANTY

A. Acoustical Panel: Submit a written warranty executed by the manufacture, agreeing to repair or replace panels that fall within the warranty period. Failures include, but are not limited to the following:

1. Acoustical panels: Sagging and warping
2. Grid System: Rusting and manufacturer's defects.

B. Warranty Period:

1. Acoustical Metal Ceiling Units: One (1) year from date of substantial completion.
2. Grid: ten (10) years from date of substantial completion.

1.13 PROJECT CONDITIONS

A. Environmental Limitations: Do not install linear metal ceilings until spaces are enclosed and weathertight, wet work in spaces is complete and dry, work above ceilings is complete, and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Thermal Movements: Allow for thermal movements from ambient and surface temperature changes.

1. Temperature Change (Range): 120 deg F, ambient; 180 deg F material surfaces.

B. Surface-Burning Characteristics: Comply with ASTM E 84; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.

1. Flame-Spread Index: Comply with ASTM E 1264 for Class A aterials.

2.2 LINEAR METAL CEILING PANS (APC-5)

Retain "Acoustical Metal Pan Standard" Paragraph below if ceiling pans are specified by referencing ASTM E 1264 for purposes of specifying type, acoustical ratings, and light reflectance.

A. Acoustical Metal Pan Standard: Provide manufacturer's standard linear metal pans of configuration indicated that comply with ASTM E 1264 classifications as designated by types, acoustical ratings, and light reflectances unless otherwise indicated.

1. Basis-of-Design Product: Subject to compliance with requirements, provide Metalworks Linear Immex Ceiling by Armstrong Ceiling Solutions product indicated on Drawings or comparable product by one of the following:

a. American Decorative Ceilings (ADC).
b. Ceilings Plus.
c. Chicago Metallic Corporation.
d. Hunter Douglas Architectural Products, Inc.
e. Simplex Ceilings, a division of Intalite Inc.
f. United States Gypsum Company.
g. Endura by Rulon.

"Mounting Method for Measuring NRC" Subparagraph below represents standard mounting referenced in ASTM E 1264. Revise if testing units with another mounting method is required for Project.

B. Sheet Metal Characteristics: For metal components exposed to view in the completed Work, provide materials with smooth, flat surfaces without blemishes. Do not use materials with exposed pitting, seam marks, roller marks, roughness, stains, or discolorations.

Retain applicable sheet metal material(s) from "Aluminum Sheet," "Steel Sheet," and "Stainless-Steel Sheet" subparagraphs below.

1. Aluminum Sheet: Roll-formed aluminum sheet, complying with ASTM B 209 (ASTM B 209M); alloy and temper recommended by aluminum producer and finisher for type of use and finish indicated.

ASTM C 635/C 635M includes requirements for coatings and finishes for suspension system components.

Retain or revise "Painted Finishes" Subparagraph for painted finishes or "Chemical/Mechanical Finishes" Subparagraph below for chemical/mechanical finishes. See Table 2 in the Evaluations, and verify availability of finishes with manufacturers.

Stainless steel is available from most manufacturers as a custom, rather than a standard, product. Some manufacturers offer only Type 430, which is a general-purpose ferritic stainless steel with less corrosion resistance than the 300-Series austenitic alloys.

C. Pan Fabrication: Manufacturer's standard units of size, profile, and edge treatment indicated, formed from metal indicated to snap on and be securely retained on carriers without separate fasteners, and finished to comply with requirements indicated.

    a. Basis-of-Design: Metalworks Linear Immex ceilings by Armstrong World Industries

        1) 374A61 - Microperforated (with plain border and acoustical fleece) - 24" x 96", 6" Plank Width, 1" Plank Height, 4 Planks per panel, 1/8" Space between Planks.
        2) Color/Pattern: Custom Color.
        3) 0.75 NRC

D. Pan Splices: Construction same as pans, in lengths 8 to 12 inches (200 to 300 mm); with manufacturer's standard finish.

E. End Caps: Metal matching pans Plastic Manufacturer's standard material; fabricated to fit and conceal exposed ends of pans - where applicable .

F. Filler Strips: Metal matching pans Plastic Manufacturer's standard material; fabricated to uninterruptedly close voids between pans.

G. Moldings and Trim: Provide manufacturer's standard moldings and trim for exposed members, and as indicated or required, for edges and penetrations of ceiling, around fixtures, at changes in ceiling height, and for other conditions; of same metal and finish as linear metal ceiling pans.

Retain "Sound-Absorbent Fabric Layer" Paragraph below for sound-absorbent fabric; retain second paragraph for pads to reduce noise within a closed space. Coordinate with acoustical performance requirements if any.

H. Sound-Absorbent Fabric Layer: Provide fabric layer, sized to fit concealed surface of pan, and consisting of black, nonwoven, nonflammable, sound-absorbent material with surface-burning characteristics for flame-spread index of 25 or less and smoke-developed index of 50 or less, as determined by testing per ASTM E 84.

Verify availability of sound-absorbent fabric with manufacturer. Retain subparagraph below if standard with manufacturer.

1. Bond fabric layer to pan in the factory with manufacturer's standard nonflammable adhesive.
2. Color as selected by Architect from Manufacturers full range.

2.3 METAL SUSPENSION SYSTEMS

A. Metal Suspension Systems Standard: Provide ceiling manufacturer's standard metal suspension systems of types and finishes indicated that comply with applicable ASTM C 635/C 635M requirements.

B. Suspension Systems: Provide systems complete with carriers, splice sections, connector clips, alignment clips, leveling clips, hangers, molding, trim, retention clips, load-resisting struts, fixture adapters, and other suspension components required to support ceiling units and other ceiling-supported construction.

C. Attachment Devices: Size for five times the design load indicated in ASTM C 635/C 635M, Table 1, Direct Hung, unless otherwise indicated.

D. Wire Hangers, Braces, and Ties: Provide wire complying with the following requirements:

1. Zinc-Coated, Carbon-Steel Wire: ASTM A 641/A 641M, Class 1 zinc coating, soft temper.
2. Stainless-Steel Wire: ASTM A 580/A 580M, Type 304, nonmagnetic.
3. Nickel-Copper-Alloy Wire: ASTM B 164, nickel-copper-alloy UNS No. N04400.
4. Size: Select wire diameter so its stress at 3 times the hanger design load indicated in ASTM C 635/C 635M, Table 1, Direct Hung is less than yield stress of wire, but provide not less than 0.106-inch- 0.135-inch- Insert dimension diameter wire.

E. Hanger Rods Flat Hangers: Mild steel, zinc coated or protected with rust-inhibitive paint.

F. Angle Hangers: Angles with legs not less than 7/8 inch wide; formed from 0.04-inch- thick, galvanized-steel sheet complying with ASTM A 653/A 653M, G90 coating designation; with bolted connections and 5/16-inch- diameter bolts.

G. Carriers: Factory finished .

1. Main Carriers: Aluminum, not less than 0.240-inch rolled sheet, alloy and temper recommended by aluminum producer and finisher for type of use and finish indicated, complying with ASTM B 209 .
2. Main Carriers: Steel, not less than 0.0209-inch nominal thickness, cold-rolled sheet, with factory-applied protective coating, complying with ASTM C 635/C 635M.

    a. Electrolytic Zinc-Coated Steel: ASTM A 879/A 879M, not less than 08Z Insert coating designation zinc coating.
    b. Hot-Dip Galvanized Steel: ASTM A 653/A 653M, not less than G60 Insert coating designation zinc coating.

3. Adaptable Carriers: Manufacturer's standard carriers for direct attachment to existing suspended tees.
4. Expansion Carriers: Manufacturer's standard carriers allowing for irregularities or other unusual space conditions.

H. Carrier Splices: Same metal, profile, and finish as for carriers.

I. Stabilizer Channels, Tees, and Bars: Manufacturer's standard components for stabilizing main carriers at regular intervals and at light fixtures, air-distribution equipment, access doors, and other equipment; spaced as standard with manufacturer for use indicated; and factory finished with matte-black baked finish.

J. Edge Moldings and Trim: Provide exposed members as indicated or required to comply with seismic requirements of authorities having jurisdiction, to conceal edges of penetrations through ceiling, to conceal ends of pans and carriers, for fixture trim and adapters, for fasciae at changes in ceiling height, and for other conditions; of metal and finish matching linear metal pans or extruded plastic unless otherwise indicated.

1. For Circular Penetrations of Ceiling: Fabricate edge moldings to diameter required to fit penetration exactly.
2. Basis-of-Design Product: Subject to compliance with requirements, provide Metalworks Linear ceiling or comparable product by one of the following:

    a. American Decorative Ceilings (ADC).
    b. Ceilings Plus.
    c. Chicago Metallic Corporation.
    d. Hunter Douglas Architectural Products, Inc.
    e. Simplex Ceilings, a division of Intalite Inc.
    f. United States Gypsum Company.

2.4 ACCESSORIES

A. Access Panels: For access at locations indicated, provide door hinge assembly, retainer clip, and retainer bar, assembled with ceiling panels and carrier sections into access doors of required size, permitting upward or downward opening.

B. Plank Clips: 316 Stainless steel Quick-Screen Clips that are shipped loose for field installation.

2.5 GENERAL FINISH REQUIREMENTS

A. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

B. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

C. High-Humidity Finish: Comply with ASTM C 635/C 635M requirements for "Coating Classification for Severe Environment Performance" where high-humidity finishes are indicated.

2.6 ALUMINUM FINISHES

A. Color-Coated Finish: Manufacturer's standard powder-coat baked paint finish complying with coating manufacturer's written instructions for surface preparation, pretreatment, application, baking, and minimum dry film thickness.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions, including structural framing and substrates to which linear metal ceilings attach or abut, with Installer present, for compliance with requirements specified in this and other Sections that affect ceiling installation and anchorage and with requirements for installation tolerances and other conditions affecting performance of linear metal ceilings.

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

3.2 PREPARATION

A. Measure each ceiling area and establish layout of linear metal pans to balance border widths at opposite edges of each ceiling. Avoid using less-than-half-width pans at borders, and comply with layout shown on reflected ceiling plans and on Coordination Drawings.

3.3 INSTALLATION

A. Comply with ASTM C 636/C 636M and seismic requirement indicated, per manufacturer's written instructions and CISCA's "Ceiling Systems Handbook."

B. Suspend ceiling hangers from building's structural members and as follows:

1. Install hangers plumb and free from contact with insulation or other objects within ceiling plenum that are not part of supporting structure or of ceiling suspension system.
2. Splay hangers only where required to miss obstructions; offset resulting horizontal forces by bracing, countersplaying, or other equally effective means.
3. Where width of ducts and other construction within ceiling plenum produces hanger spacings that interfere with location of hangers at spacings required to support standard suspension system members, install supplemental suspension members and hangers in form of trapezes or equivalent devices.

4. Secure wire hangers to ceiling suspension members and to supports above with a minimum of three tight turns. Connect hangers directly either to structures or to inserts, eye screws, or other devices that are secure and appropriate for substrate to which hangers are attached and for type of hanger involved.
5. Secure flat, angle, channel, and rod hangers to structure, including intermediate framing members, by attaching to inserts, eye screws, or other devices that are secure and appropriate for both structure to which hangers are attached and type of hanger involved. Install hangers in a manner that does not cause them to deteriorate or fail due to age, corrosion, or elevated temperatures.
6. Do not support ceilings directly from permanent metal forms or floor deck. Fasten hangers to cast-in-place hanger inserts, postinstalled mechanical or adhesive anchors, or power-actuated fasteners that extend through forms into concrete.
7. When steel framing does not permit installation of hanger wires at spacing required, install carrying channels or other supplemental support for attachment of hanger wires.
8. Do not attach hangers to steel deck tabs.
9. Do not attach hangers to steel roof deck. Attach hangers to structural members.
10. Space hangers not more than 48 inches o.c. along each member supported directly from hangers unless otherwise indicated; provide hangers not more than 8 inches from ends of each member.
11. Size supplemental suspension members and hangers to support ceiling loads within performance limits established by referenced standards and publications.

C. Secure bracing wires to ceiling suspension members and to supports with a minimum of four tight turns. Suspend bracing from building's structural members as required for hangers but without attaching to permanent metal forms, steel deck, or steel deck tabs. Fasten bracing wires into concrete with cast-in-place or postinstalled anchors.

D. Install edge moldings and trim of type indicated at perimeter of linear metal ceiling area and where necessary to conceal edges and ends of linear metal pans.

1. Screw attach moldings to substrate at intervals not more than 16 inches o.c. and not more than 3 inches from ends, leveling with ceiling suspension system to a tolerance of 1/8 inch in 12 feet. Miter corners accurately and connect securely.
2. Do not use exposed fasteners, including pop rivets, on moldings and trim.

E. Install suspension system carriers so they are aligned and securely interlocked with one another. Remove and replace dented, bent, or kinked members.

F. Cut linear metal pans for accurate fit at borders and at interruptions and penetrations by other work through ceilings. Stiffen edges of cut units as required to eliminate evidence of buckling or variations in flatness exceeding referenced standards for stretcher-leveled metal sheet.

G. Install linear metal pans in coordination with suspension system and exposed moldings and trim.

1. Align joints in adjacent courses to form uniform, straight joints parallel to room axis in both directions unless otherwise indicated.
2. Fit adjoining units to form flush, tight joints. Scribe and cut units for accurate fit at borders and around construction penetrating ceiling.
3. Install panels in intermittent pattern as indicated on drawings.

4. Install pans with butt joints using internal pan splices and in the following joint configuration:

    a. Random.

5. Install directionally textured metal pans in directions indicated.
6. Where metal pan ends are visible, install end caps unless trim is indicated.
7. Install filler strips where indicated.
8. Install sound-absorbent pads at right angle to perforated metal pans so pads do not hang unsupported.

H. Install hold-down clips where indicated.

3.4 CLEANING

A. Clean exposed surfaces of linear metal ceilings, including trim and edge moldings after removing strippable, temporary protective covering if any. Comply with manufacturer's written instructions for stripping of temporary protective covering, cleaning, and touchup of minor finish damage. Remove and replace ceiling components that cannot be successfully cleaned and repaired to permanently eliminate evidence of damage, including dented and bent units.

END OF SECTION

CODE SUMMARY

APPLICABLE CODE:	2014 Indiana Building Code (IBC) 2014 Indiana Mechanical Code (IMC) ICC/ANSI A-117.1 Standard, 2009 Edition General Administrative Rules (GAR)
EXISTING BUILDING DESCRIPTION:	The 2-story building includes the high school, middle school, and an elementary school, with a total combined area of 351,583 sq ft.
SCOPE OF WORK:	The project scope includes the following: • 2-story addition to the middle school, 10,052 sq ft on the 1st floor, and 7,026 sq ft on the 2nd floor •An infill addition to the high school within an existing courtyard of 2,060 sq ft •Renovation of the elementary school - select areas including rest rooms and administrative area •Renovation of the existing middle school and high school - select areas including rest rooms and science rooms
APPLICABILITY OF CODES TO THE PROJECT:	Alterations and additions are permitted to an existing building without requiring the entire existing building or portions of the existing building unaffected by the proposed scope of renovation to be brought into compliance with current codes. The scope of construction within the alteration and addition are required to comply with current codes [Rule 4, Section 12(b), GAR] Additions and existing building area are required to comply with current code in the aggregate for allowable area [Rule 4, Section 12(f), GAR]
VARIANCE REQUESTS:	•To permit a 2-hour fire barrier with sprinkler-protected openings at the cafeteria to separate the middle school classroom wing from the rest of the building in lieu of a fire wall •To permit the high school in-fill addition to be unseparated from the existing building
OCCUPANCY CLASSIFICATIONS:	Educational use and assembly areas associated with the E Occupancy - E Occupancy [305.1] Assembly uses accessory to Group E are not considered separate occupancies [303.1.3] Office - accessory occupancy less than 10% of the building area - B Occupancy [304.1, 508.2]
CONSTRUCTION TYPE:	Type IIB Construction permitted for the middle school addition based upon allowable area. Type IIB Construction proposed for high school in-fill addition based upon variance request. The existing building is Type IIB Construction.
ALLOWABLE AREA FOR MIDDLE SCHOOL CLASSROOM BUILDING:	Tabular Area: 14,500 sf Table 503 Sprinkler Increase: 29,000 sf 506.3 Frontage Increase: + 7,250 sf 506.2 Allowable Area per floor: 50,750 sf Actual Area per floor: 27,100 sf - 1st floor 23,660 sf - 2nd floor
BUILDING ELEMENTS - FIRE RESISTIVE REQUIREMENTS:	Building elements, including structural frame and roof are permitted to be of noncombustible, unprotected construction. [Table 601] Exterior walls of the addition are permitted to be nonrated, noncombustible, since having at least 10 feet of fire separation distance. [Table 602]
FLOOR OPENINGS AND PENETRATIONS:	Egress stairs connecting only 2 floors in the middle school are permitted to be unenclosed [1009.3, exc. 1] Ducts are permitted to connect 2 floor levels where floors are nonrated without shaft protection, where the annular space is filled with a noncombustible material [717.6.3] Floor penetrations of a nonrated floor assembly are permitted to be nonrated, where the annular space is filled with a noncombustible material [714.4.2.1]
INCIDENTAL USE SEPARATION:	•Walls for middle school science rooms (sprinklered) are required to terminate at the deck, with self-closing doors - fire and/or smoke dampers are not required in duct penetrations of these separations •Walls for high school science rooms (non-sprinklered) are required to be separated with 1-hour fire barriers and 45-minute rated doors[Table 509, Sec. 509.4.2]
EGRESS TRAVEL DISTANCE:	The maximum travel distance to an exterior exit is permitted to be a maximum of 250 feet in the sprinklered middle school classroom wing. [1016.2] Existing egress travel distance will remain as-is
EGRESS CORRIDORS:	Egress corridors throughout the middle school classroom wing will be nonrated based upon automatic sprinkler protection New wall and door construction in corridors elsewhere will be fire-rated as required [1018.1] Existing corridor construction will remain as-is per the applicable code(s) of record for the area involved.
PANIC HARDWARE:	Panic hardware is required on all new means of egress doors serving an occupant load of 50 or more [1008.1.10]
AUTOMATIC SPRINKLERS:	Automatic sprinklers are required for the middle school addition and un-separated building area, based upon an E Occupancy fire area exceeding12,000 sf [903.2.3] Variance to be requested for the high school in-fill addition.
FIRE ALARM SYSTEM:	Manual fire alarm system required for the additions. [907.2.3] The existing system will be extended into the addition, as required
SMOKE DETECTORS:	Smoke detectors are required for HVAC shutdown for systems delivering in excess of 2,000 cfm [606.1, IMC]

LIFE SAFETY PLAN LEGEND

Room name 101 / AREA: 150 SF / EGRESS Occupancy / Load: ## / # of Exits: # — EGRESS INFORMATION TAG

LOCK BOX

ANNUNCIATOR PANEL

FIRE HOSE CABINET

FIRE EXTINGUISHER (NOT REQUIRED)

NON-RATED INCIDENTAL-USE WALL [508.2.2.1]

1-HOUR FB RATED WALL

2-HOUR FB RATED WALL

4-HOUR FB RATED WALL

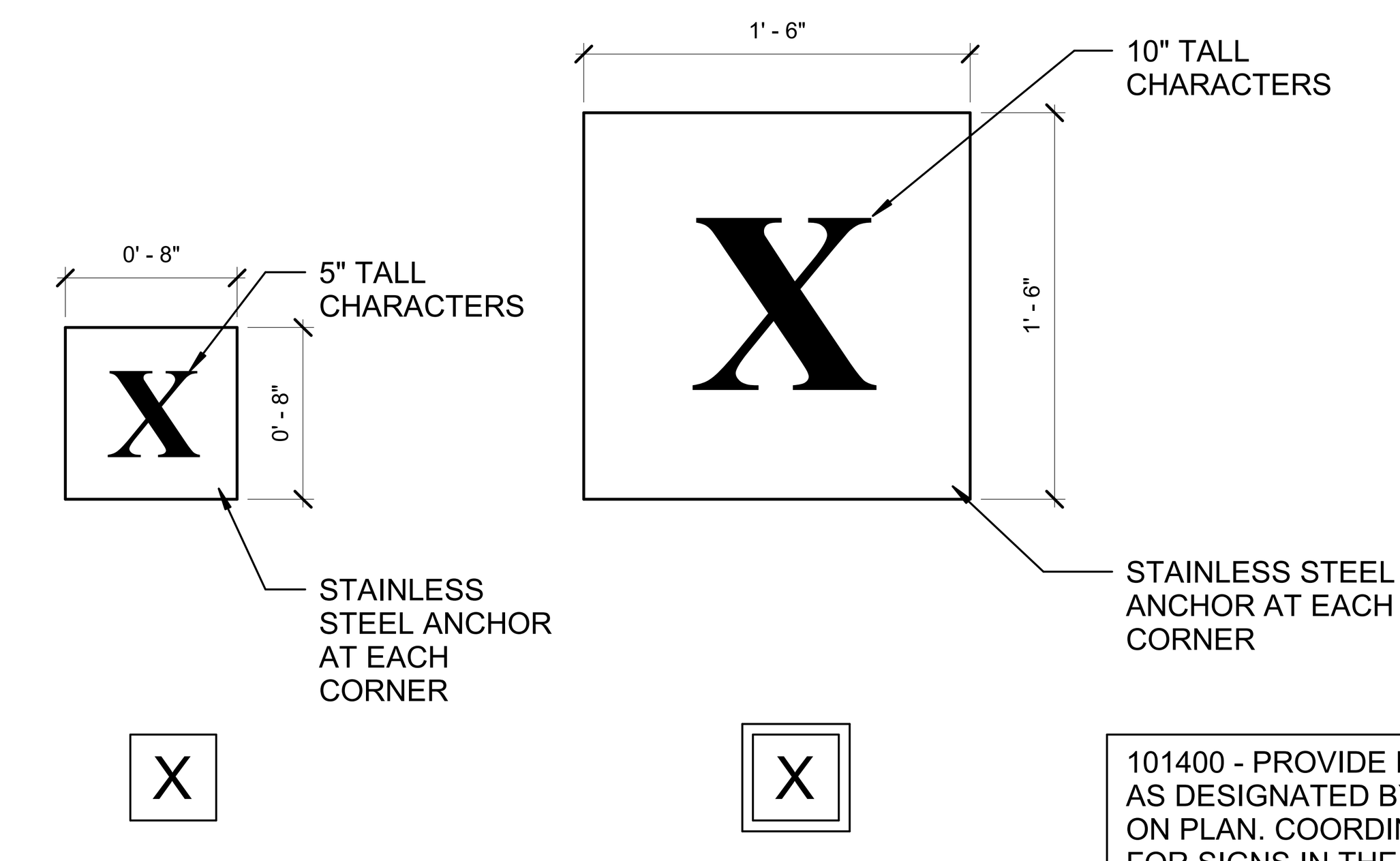
1-HOUR FIRE PARTITION [419, 1017.1]

EXISTING SQUARE FOOTAGE

EXISTING	
ELEMENTARY SCHOOL FIRST FLOOR	78,049 ft²
MS/HS FIRST FLOOR	273,534 ft²
HIGH SCHOOL SECOND FLOOR	13,384 ft²
MIDDLE SCHOOL SECOND FLOOR	24,041 ft²
EXISTING AREA WITH NEW SPRINKLER	16,465 ft²
ADDITION AREA	
MIDDLE SCHOOL FIRST FLOOR	10,052 ft²
MIDDLE SCHOOL SECOND FLOOR	7,026 ft²

A1

104413 - FIRE EXTINGUISHER CABINET LOCATIONS.
FIELD VERIFY ACTUAL LOCATIONS WITH ARCHITECT.
● = EXISTING FIRE EXTINGUISHER / CABINET TO REMAIN



101400 - PROVIDE EXTERIOR PANEL SIGNAGE AS DESIGNATED BY CORRESPONDING SYMBOL ON PLAN. COORDINATE ACTUAL LOCATIONS FOR SIGNS IN THE FIELD W/ ARCHITECT. CHARACTER STYLE TO BE AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.

1E EXTERIOR SIGNAGE
1 1/2" = 1'-0"

1A E - FIRST FLOOR FIRE AND LIFE SAFETY PLAN
1/16" = 1'-0"

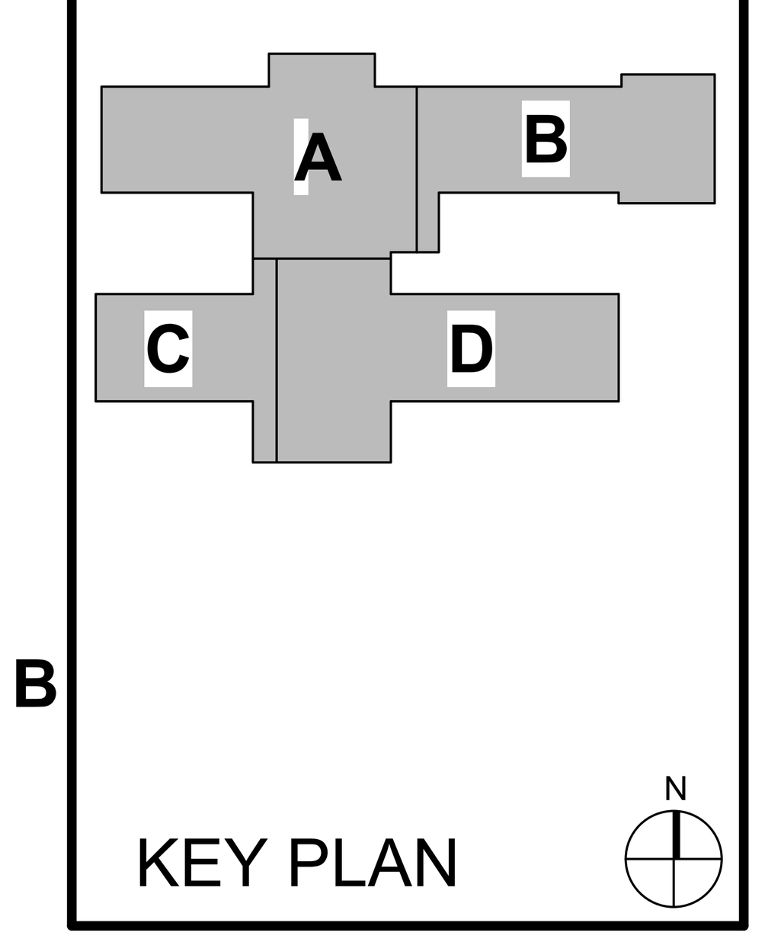
SCHMIDT ASSOCIATES
schmidt-arch.com • 317.263.6226
415 Massachusetts Ave., Indianapolis, IN 46204
731 Brent St. #203, Louisville, KY 40204

Project No. 2022.086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

#	Revision	Date
A1	Addendum #1	09.15.2023

4223 W 350 N
Kokomo, IN 46901



KEY PLAN

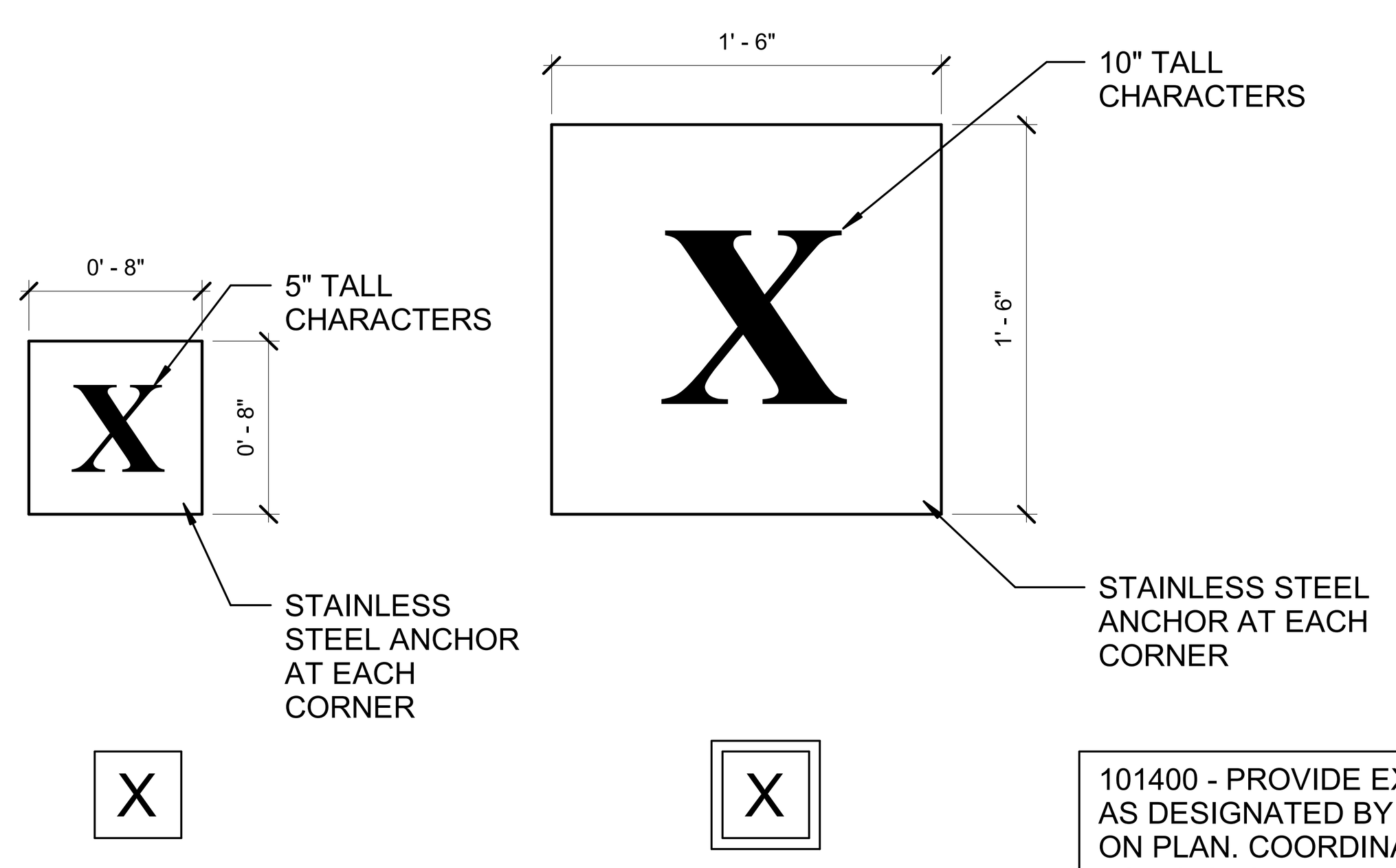
NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN ELEMENTARY SCHOOL

FIRST FLOOR FIRE AND LIFE SAFETY PLAN

1-G-101

6 | 5 | 4 | 3 | 2 | 1



101400 - PROVIDE EXTERIOR PANEL SIGNAGE AS DESIGNATED BY CORRESPONDING SYMBOL ON PLAN. COORDINATE ACTUAL LOCATIONS FOR SIGNS IN THE FIELD W/ ARCHITECT. CHARACTER STYLE TO BE AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE

5E EXTERIOR SIGNAGE
1 1/2" = 1'-0"

EXISTING SQUARE FOOTAGE

EXISTING	
ELEMENTARY SCHOOL FIRST FLOOR	78,049 ft²
MS/HS FIRST FLOOR	273,534 ft²
HIGH SCHOOL SECOND FLOOR	13,384 ft²
MIDDLE SCHOOL SECOND FLOOR	24,041 ft²
EXISTING AREA WITH NEW SPRINKLER	16,465 ft²
ADDITION AREA	
MIDDLE SCHOOL FIRST FLOOR	10,052 ft²
MIDDLE SCHOOL SECOND FLOOR	7,026 ft²

A1

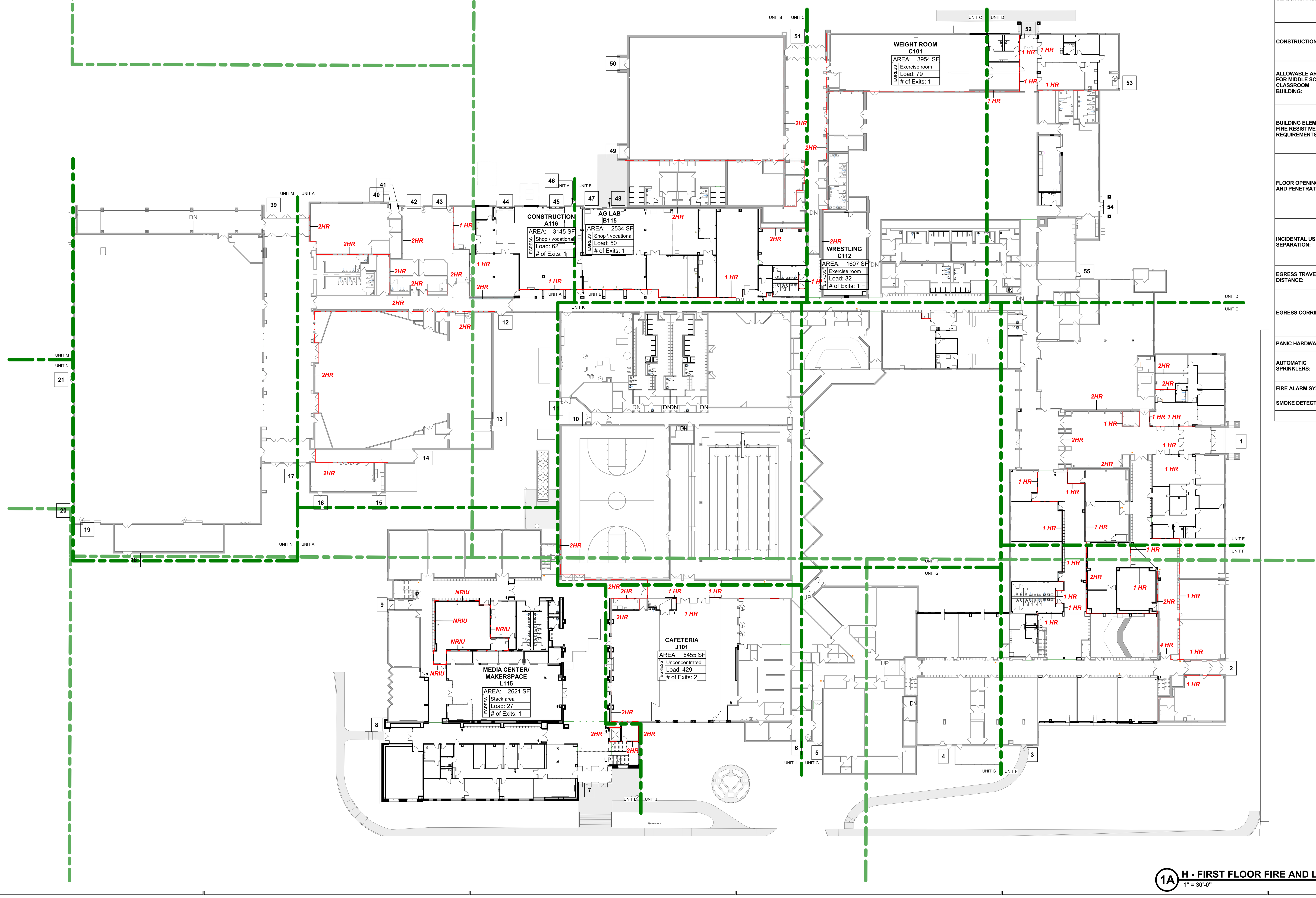
104413 - FIRE EXTINGUISHER CABINET LOCATIONS. FIELD VERIFY ACTUAL LOCATIONS WITH ARCHITECT.
= EXISTING FIRE EXTINGUISHER / CABINET TO REMAIN

LIFE SAFETY PLAN LEGEND

- Room name 101 / AREA: 150 SF / EGRESS Occupancy / Load: ## / # of Exits: # — EGRESS INFORMATION TAG
- LOCK BOX
- ANNUNCIATOR PANEL
- FIRE HOSE CABINET
- FIRE EXTINGUISHER (NOT REQUIRED)
- NON-RATED INCIDENTAL-USE WALL [508.2.2.1]
- 1-HOUR FB RATED WALL
- 2-HOUR FB RATED WALL
- 4-HOUR FB RATED WALL
- 1-HOUR FIRE PARTITION [419, 1017.1]

CODE SUMMARY

APPLICABLE CODE:	2014 Indiana Building Code (IBC) 2014 Indiana Mechanical Code (IMC) ICC/ANSI A-117.1 Standard, 2009 Edition General Administrative Rules (GAR)
EXISTING BUILDING DESCRIPTION:	The 2-story building includes the high school, middle school, and an elementary school, with a total combined area of 351,583 sq ft.
SCOPE OF WORK:	The project scope includes the following: • 2-story addition to the middle school, 10,052 sq ft on the 1st floor, and 7,026 sq ft on the 2nd floor •An infill addition to the high school within an existing courtyard of 2,060 sq ft •Renovation of the elementary school - select areas including rest rooms and administrative area •Renovation of the existing middle school and high school - select areas including rest rooms and science rooms
APPLICABILITY OF CODES TO THE PROJECT:	Alterations and additions are permitted to an existing building without requiring the entire existing building or portions of the existing building unaffected by the proposed scope of renovation to be brought into compliance with current codes. The scope of construction within the alteration and addition are required to comply with current codes [Rule 4, Section 12(b), GAR] Additions and existing building area are required to comply with current code in the aggregate for allowable area [Rule 4, Section 12(f), GAR]
VARIANCE REQUESTS:	•To permit a 2-hour fire barrier with sprinkler-protected openings at the cafeteria to separate the middle school classroom wing from the rest of the building in lieu of a fire wall •To permit the high school in-fill addition to be unseparated from the existing building
OCCUPANCY CLASSIFICATIONS:	Educational use and assembly areas associated with the E Occupancy - E Occupancy [305.1] Assembly uses accessory to Group E are not considered separate occupancies [303.1.3] Office - accessory occupancy less than 10% of the building area - B Occupancy [304.1, 508.2]
CONSTRUCTION TYPE:	Type IIB Construction permitted for the middle school addition based upon allowable area. Type IIB Construction proposed for high school in-fill addition based upon variance request. The existing building is Type IIB Construction.
ALLOWABLE AREA FOR MIDDLE SCHOOL CLASSROOM BUILDING:	Tabular Area: 14,500 sf Table 503 Sprinkler Increase: 29,000 sf 506.3 Frontage Increase: + 7,250 sf 506.2 Allowable Area per floor: 50,750 sf Actual Area per floor: 27,100 sf - 1st floor 23,660 sf - 2nd floor
BUILDING ELEMENTS - FIRE RESISTIVE REQUIREMENTS:	Building elements, including structural frame and roof are permitted to be of noncombustible, unprotected construction. [Table 601] Exterior walls of the addition are permitted to be nonrated, noncombustible, since having at least 10 feet of fire separation distance. [Table 602]
FLOOR OPENINGS AND PENETRATIONS:	Egress stairs connecting only 2 floors in the middle school are permitted to be unenclosed [1009.3, exc. 1] Ducts are permitted to connect 2 floor levels where floors are nonrated without shaft protection, where the annular space is filled with a noncombustible material [717.6.3] Floor penetrations of a nonrated floor assembly are permitted to be nonrated, where the annular space is filled with a noncombustible material [714.4.2.1]
INCIDENTAL USE SEPARATION:	•Walls for middle school science rooms (sprinklered) are required to terminate at the deck, with self-closing doors - fire and/or smoke dampers are not required in duct penetrations of these separations •Walls for high school science rooms (non-sprinklered) are required to be separated with 1-hour fire barriers and 45-minute rated doors[Table 509, Sec. 509.4.2]
EGRESS TRAVEL DISTANCE:	The maximum travel distance to an exterior exit is permitted to be a maximum of 250 feet in the sprinklered middle school classroom wing. [1016.2] Existing egress travel distance will remain as-is
EGRESS CORRIDORS:	Egress corridors throughout the middle school classroom wing will be nonrated based upon automatic sprinkler protection New wall and door construction in corridors elsewhere will be fire-rated as required [1018.1] Existing corridor construction will remain as-is per the applicable code(s) of record for the area involved.
PANIC HARDWARE:	Panic hardware is required on all new means of egress doors serving an occupant load of 50 or more [1008.1.10]
AUTOMATIC SPRINKLERS:	Automatic sprinklers are required for the middle school addition and un-separated building area, based upon an E Occupancy fire area exceeding12,000 sf [903.2.3] Variance to be requested for the high school in-fill addition.
FIRE ALARM SYSTEM:	Manual fire alarm system required for the additions. [907.2.3] The existing system will be extended into the addition, as required
SMOKE DETECTORS:	Smoke detectors are required for HVAC shutdown for systems delivering in excess of 2,000 cfm [606.1, IMC]



1A H - FIRST FLOOR FIRE AND LIFE SAFETY PLAN
1" = 30'-0"

E | D | C | B | A

SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

#	Revision	Date
A1	Addendum #1	09.15.2023

3431 N 400 W
Kokomo IN , 46901

KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN HIGH SCHOOL / MIDDLE SCHOOL

FIRST FLOOR FIRE AND LIFE SAFETY PLAN

2-G-101

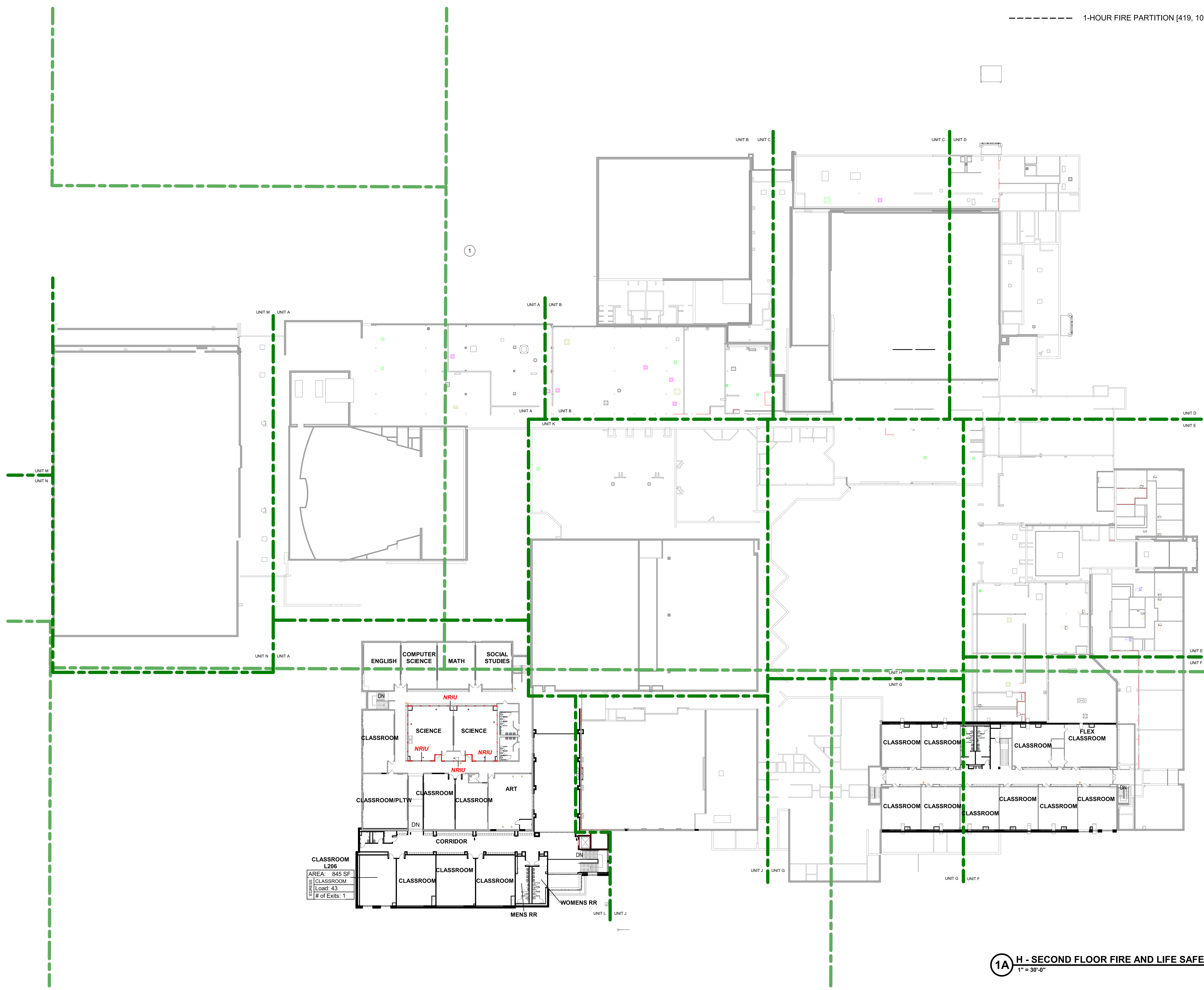
EXISTING SQUARE FOOTAGE

EXISTING	
ELEMENTARY SCHOOL FIRST FLOOR	78,049 ft^2
MS/HS FIRST FLOOR	273,534 ft^2
HIGH SCHOOL SECOND FLOOR	13,384 ft^2
MIDDLE SCHOOL SECOND FLOOR	24,041 ft^2
EXISTING AREA WITH NEW SPRINKLER	16,465 ft^2
ADDITION AREA	
MIDDLE SCHOOL FIRST FLOOR	10,052 ft^2
MIDDLE SCHOOL SECOND FLOOR	7,026 ft^2

A1

LIFE SAFETY PLAN LEGEND

- EGRESS INFORMATION TAG
- LOCK BOX
- ANNUNCIATOR PANEL
- FIRE HOSE CABINET
- FIRE EXTINGUISHER (NOT REQUIRED)
- NON-RATED INCIDENTAL-USE WALL [508.2.2.1]
- 1-HOUR FB RATED WALL
- 2-HOUR FB RATED WALL
- 4-HOUR FB RATED WALL
- 1-HOUR FIRE PARTITION [419, 1017.1]



1A H - SECOND FLOOR FIRE AND LIFE SAFETY PLAN
1" = 30'-0"

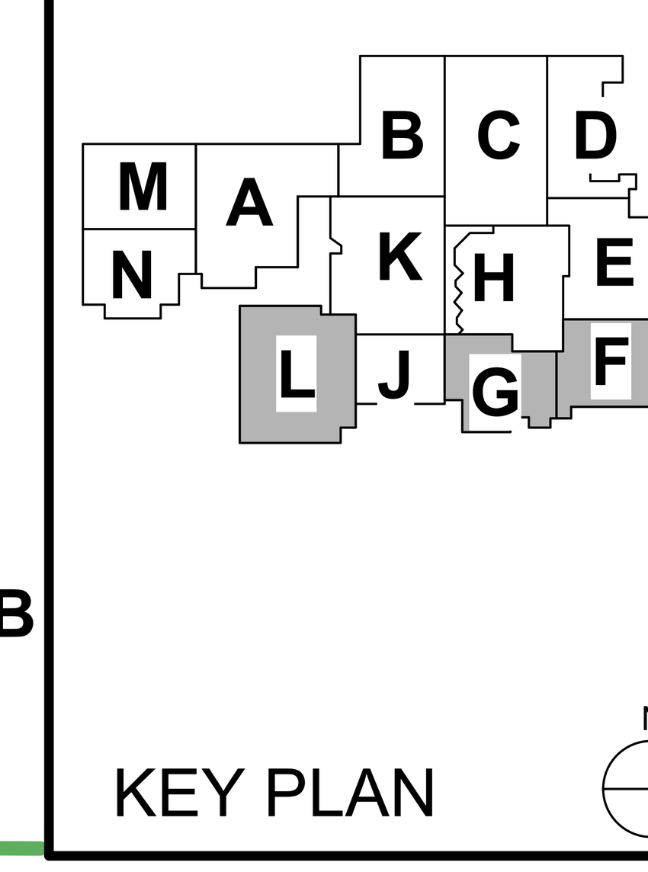
SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

#	Revision	Date
A1	Addendum #1	09.15.2023

3431 N 400 W
Kokomo IN , 46901



KEY PLAN

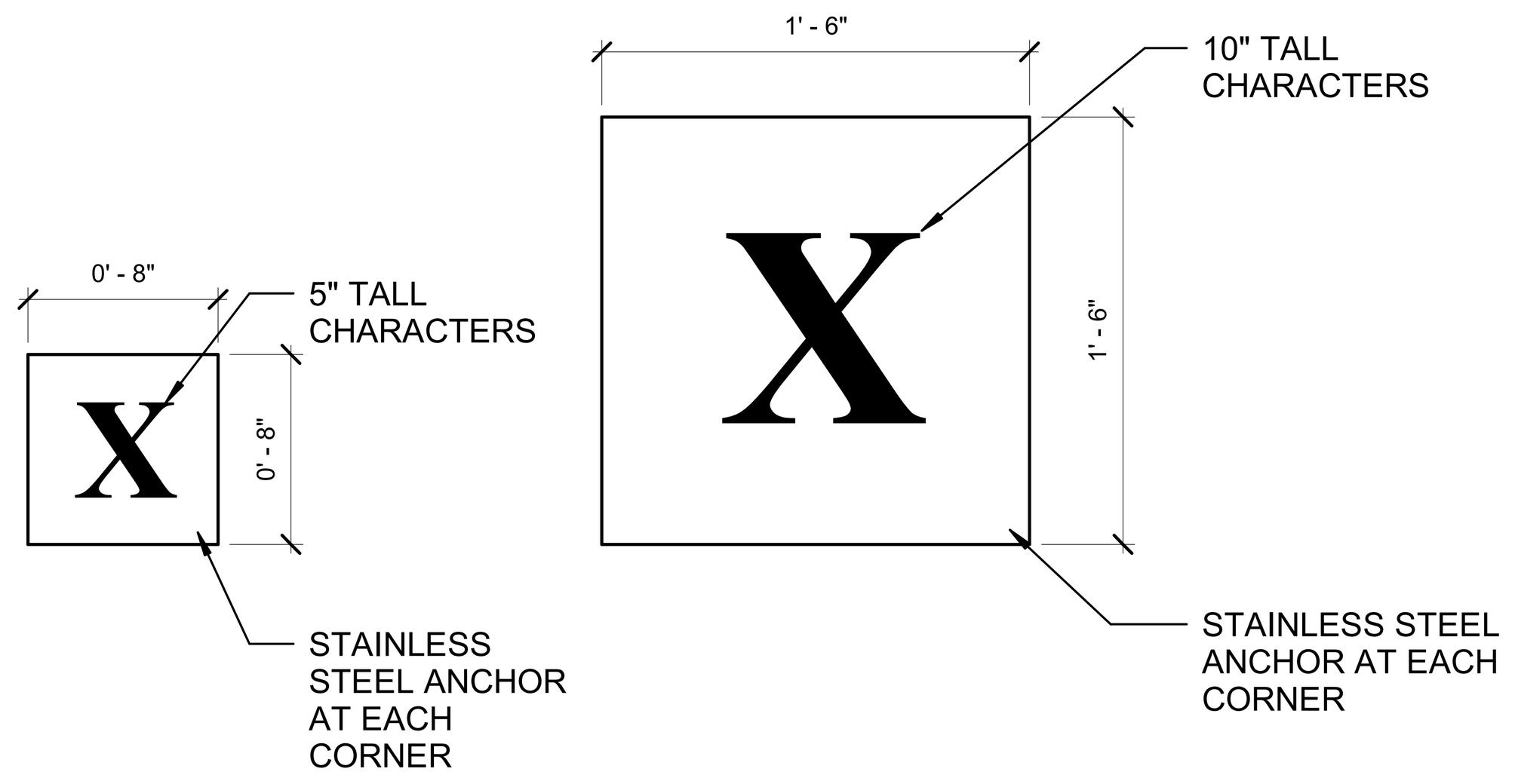
NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN HIGH SCHOOL / MIDDLE SCHOOL

SECOND FLOOR FIRE AND LIFE SAFETY PLAN

2-G-102

6 5 4 3 2 1



101400 - PROVIDE EXTERIOR PANEL SIGNAGE AS DESIGNATED BY CORRESPONDING SYMBOL ON PLAN. COORDINATE ACTUAL LOCATIONS FOR SIGNS IN THE FIELD W/ ARCHITECT. CHARACTER STYLE TO BE AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE

6E EXTERIOR SIGNAGE
1 1/2" = 1'-0"

SQUARE FOOTAGE

EXISTING

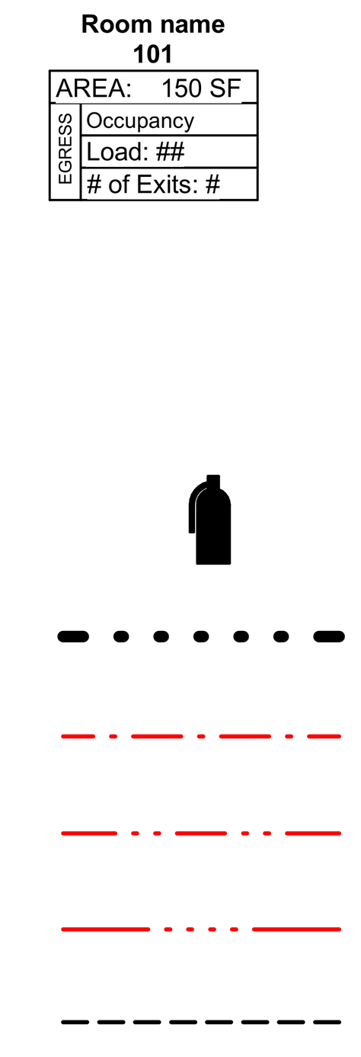
FIRST FLOOR EXISTING	31,804 ft²
SECOND FLOOR EXISTING	6,509 ft²
THIRD FLOOR EXISTING	6,288 ft²

ADDITION

FIRST FLOOR ADDITION	952ft²
SECOND FLOOR ADDITION	952ft²
THIRD FLOOR ADDITION	952ft²

A1

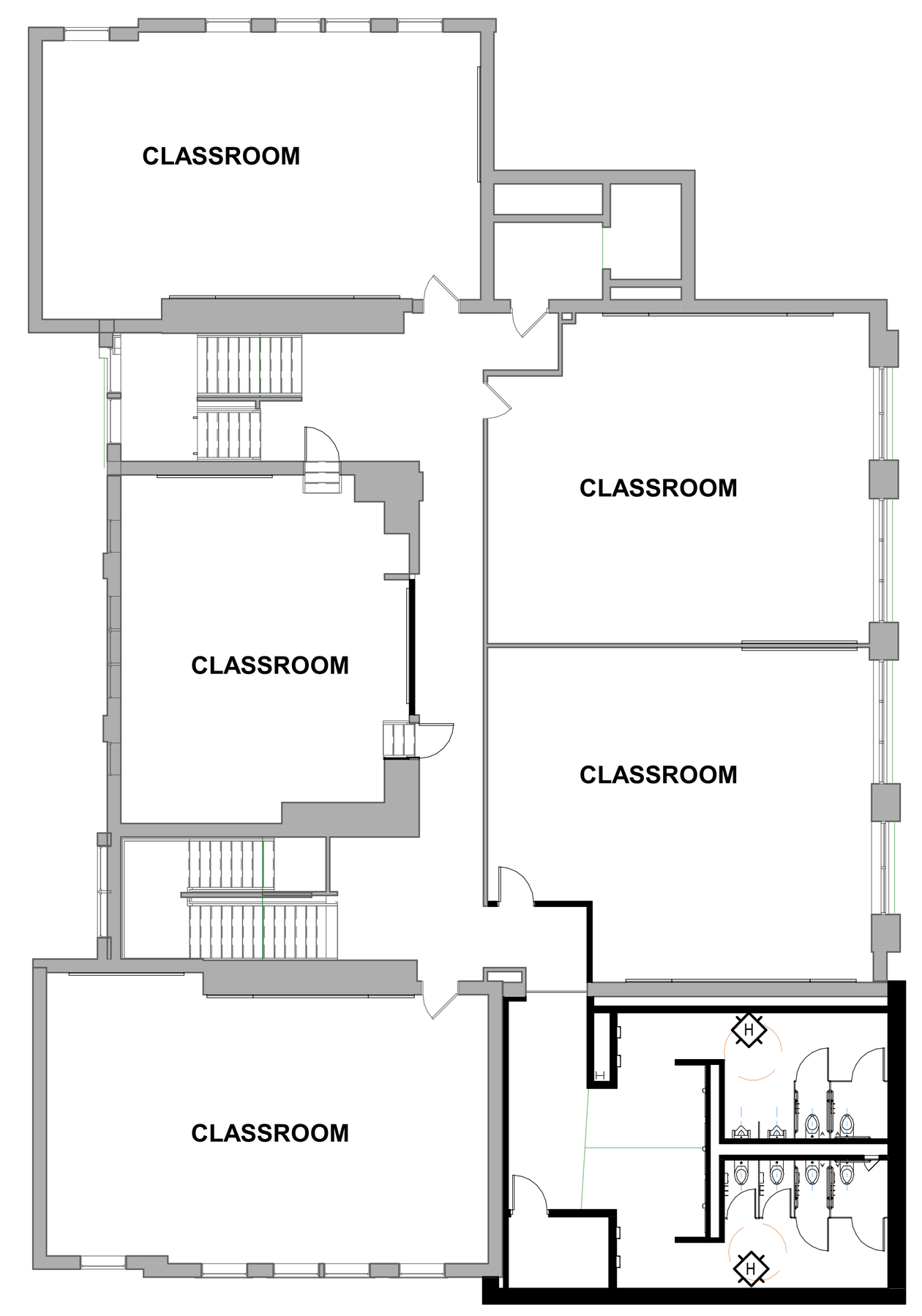
LIFE SAFETY PLAN LEGEND



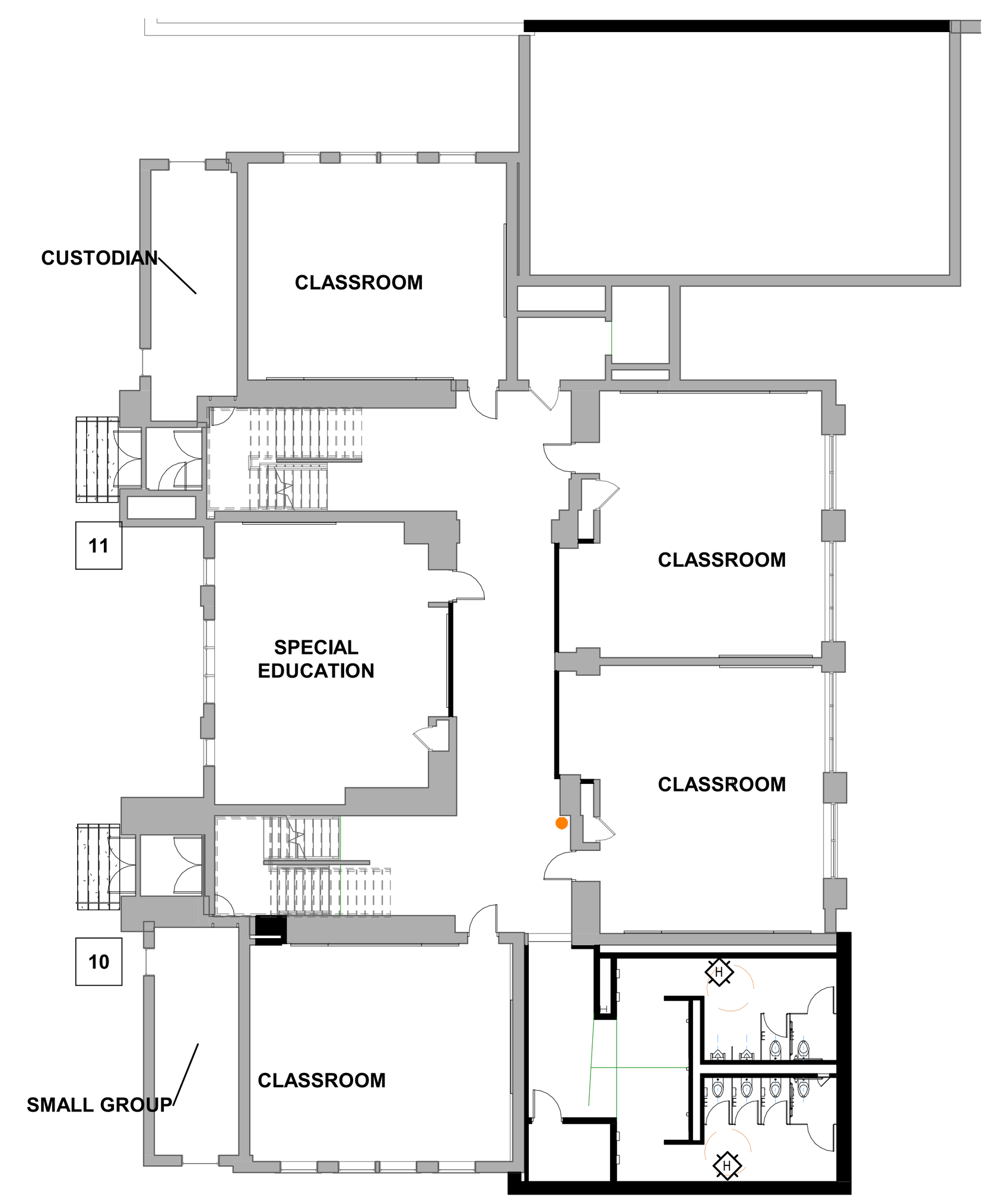
- EGRESS INFORMATION TAG
- LOCK BOX
- ANNUNCIATOR PANEL
- FIRE HOSE CABINET
- FIRE EXTINGUISHER (NOT REQUIRED)
- NON-RATED INCIDENTAL-USE WALL [508.2.2.1]
- 1-HOUR FB RATED WALL
- 2-HOUR FB RATED WALL
- 4-HOUR FB RATED WALL
- 1-HOUR FIRE PARTITION [419, 1017.1]

CODE SUMMARY

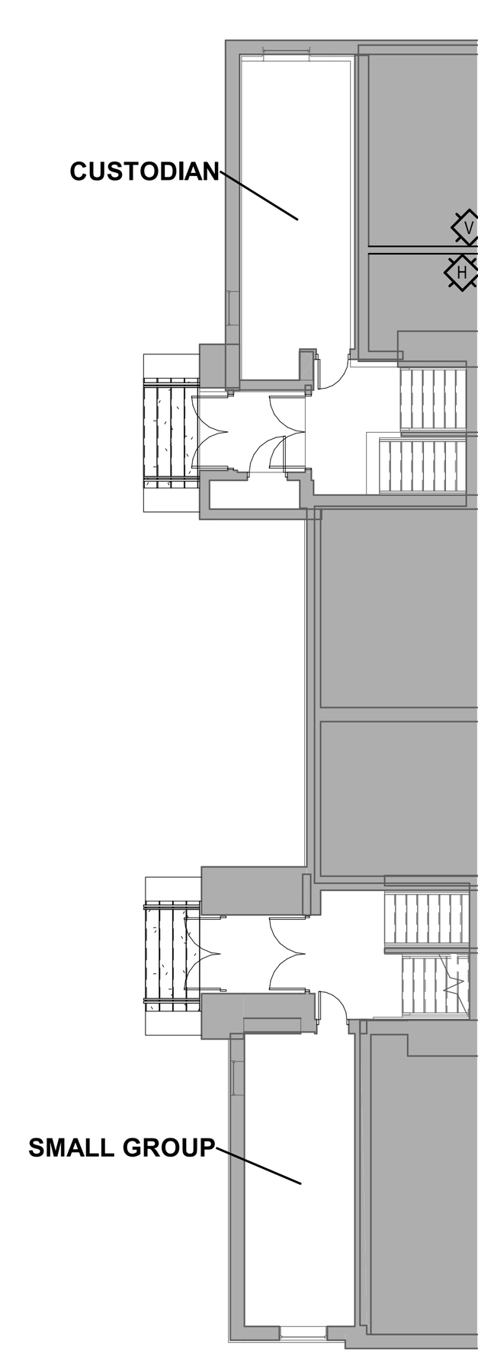
APPLICABLE CODE:	2014 Indiana Building Code (IBC) 2014 Indiana Mechanical Code (IMC) ICC/ANSI A-117.1 Standard, 2009 Edition General Administrative Rules (GAR)
EXISTING BUILDING DESCRIPTION:	The original portion of the 3-story elementary school was constructed in 1917, with additions in 1979 and 2005. The building has 31,804 sq ft on the 1st floor, 6,509 sq ft on the 2nd floor, and 6,288 sq ft on the 3rd floor. The building is Type IIIB Construction.
SCOPE OF WORK:	The project scope includes the following: •A 3-story addition of 952 sq ft per floor, with an Art Room on the 1st floor, and rest rooms on the 2nd and 3rd floors •Renovation of an existing classroom for use as a Media/Makerspace •Reconfiguration of the administrative area and creation of a secure entry •Construction of two (2) new single-user restrooms between 1st floor classrooms
APPLICABILITY OF CODES TO THE PROJECT:	Alterations and additions are permitted to an existing building without requiring the entire existing building or portions of the existing building unaffected by the proposed scope of renovation to be brought into compliance with current codes The scope of construction within the alteration and addition are required to comply with current codes [Rule 4, Section 12(b), GAR] Additions and existing building area are required to comply with current code in the aggregate for allowable area [Rule 4, Section 12(f), GAR]
VARIANCE REQUESTS:	•To permit the 3-story addition to a building exceeding current code for allowable height and area •To permit the 3-story addition to a building with more than 12,000 sq ft of non-sprinklered fire area •To permit a non-rated window opening into the secure vestibule (corridor)
OCCUPANCY CLASSIFICATIONS:	Educational use areas for elementary school students - E Occupancy [305.1] Assembly uses accessory to Group E are not considered separate occupancies [303.1.3] Office - accessory occupancy less than 10% of the building area - B Occupancy [304.1, 508.2]
CONSTRUCTION TYPE:	The existing building is Type IIIB Construction - the addition will be of non-combustible construction.
ALLOWABLE AREA:	Tabular Area: 14,500 sf Table 503 Frontage Increase: + 10,875 sf 506.2 Allowable Area per floor: 25,375 sf Actual Area per floor: 32,756 sf - 1st floor 7,461 sf - 2nd floor 7,240 sf - 3rd floor
BUILDING ELEMENTS - FIRE RESISTIVE REQUIREMENTS:	Building elements for the addition, including structural frame, floor and roof will be of noncombustible, unprotected construction. Exterior walls of the addition are permitted to be nonrated, noncombustible, since having at least 10 feet of fire separation distance [Table 602]
FLOOR OPENINGS AND PENETRATIONS:	Existing stairs and other shafts are existing to remain, with no changes proposed.
INCIDENTAL USE SEPARATION:	None applicable to this project [Table 509]
EGRESS TRAVEL DISTANCE:	The maximum travel distance to an exterior exit is permitted to be a maximum of 200 feet [1016.2]
EGRESS CORRIDORS:	New wall and door construction in corridors will be fire-rated as required [1018.1] Existing corridor construction will remain as-is per the applicable code(s) of record for the area involved
PANIC HARDWARE:	Panic hardware is required on all new means of egress doors serving an occupant load of 50 or more [1008.1.10]
AUTOMATIC SPRINKLERS:	Automatic sprinklers are required for the middle school addition and un-separated building area, based upon an E Occupancy fire area exceeding12,000 sf [903.2.3] Variance to be requested for the high school in-fill addition.
FIRE ALARM SYSTEM:	Manual fire alarm system required [907.2.3] The existing system will be extended into the addition, as required
SMOKE DETECTORS:	Smoke detectors are required for HVAC shutdown for systems delivering in excess of 2,000 cfm [606.1, IMC]



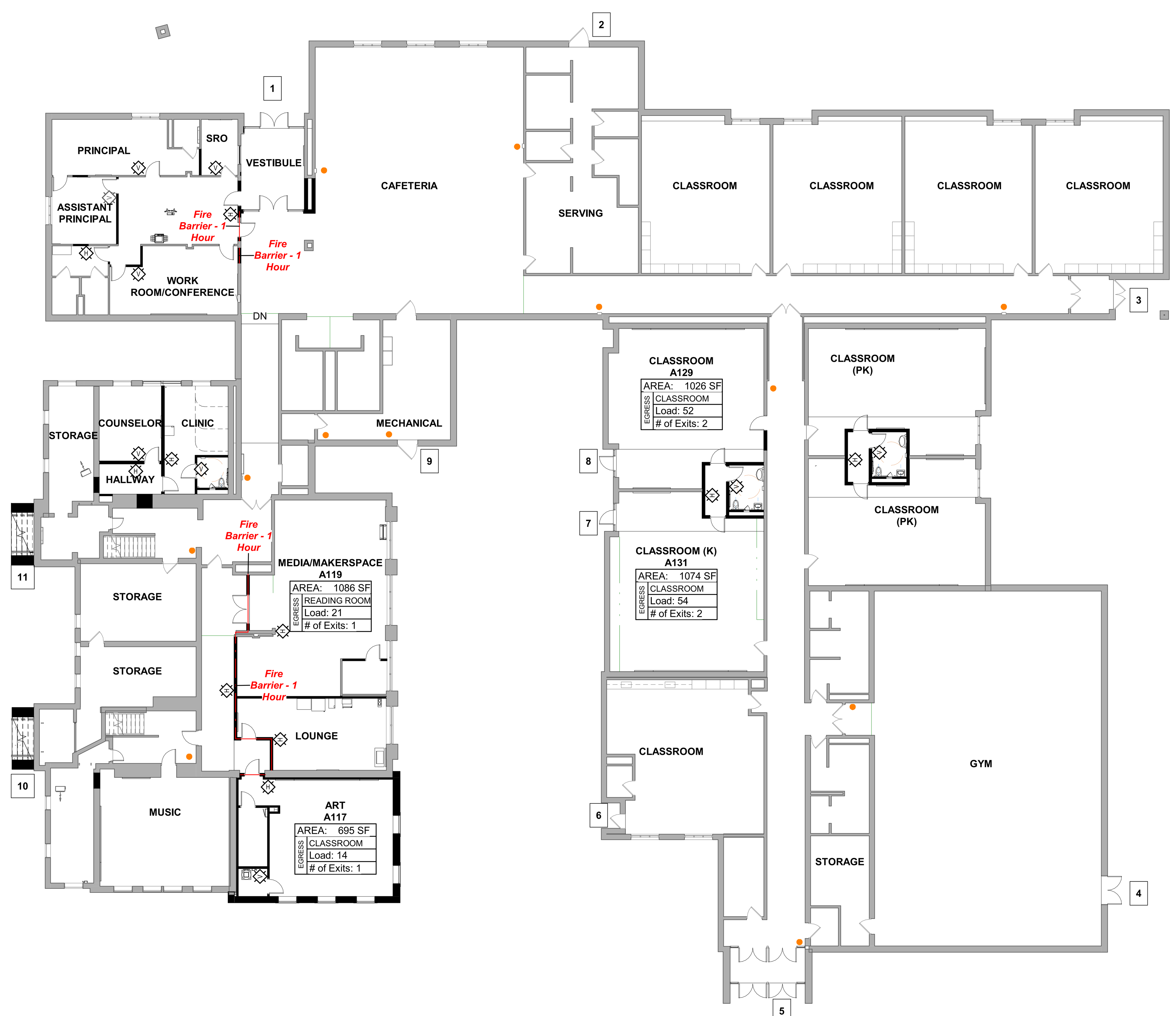
3C THIRD FLOOR PLAN
1/16" = 1'-0"



1C SECOND FLOOR PLAN
1/16" = 1'-0"



5A MID ENTRY LEVEL
1/16" = 1'-0"



104413 - FIRE EXTINGUISHER CABINET LOCATIONS.
FIELD VERIFY ACTUAL LOCATIONS WITH ARCHITECT.

= EXISTING FIRE EXTINGUISHER / CABINET TO REMAIN

2A FIRST FLOOR PLAN
1/16" = 1'-0"

6 5 4 3 2 1

SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

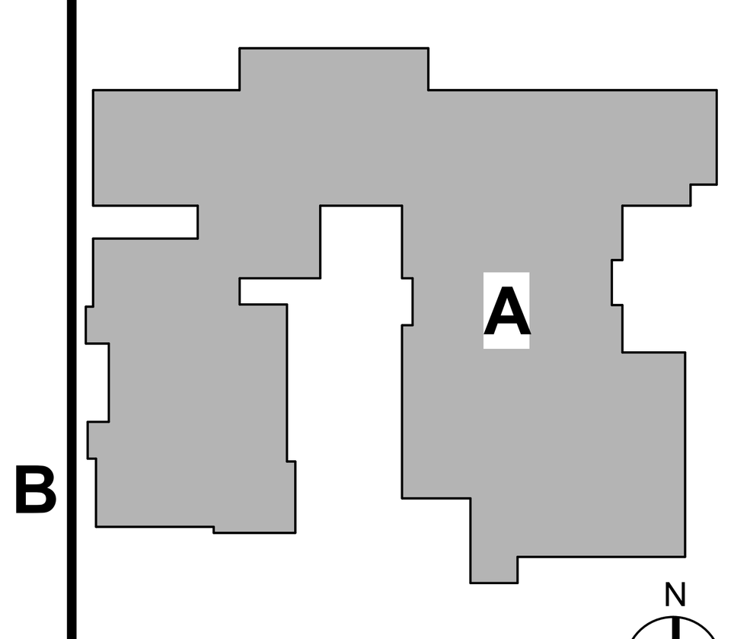
Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD
REGISTERED
NO. AR10400134
STATE OF INDIANA
ARCHITECT

These Drawings and Specifications, and all copies thereof are and shall remain the property and copyright of the Architect. They shall be used only with respect to this Project and are not to be used on any other Project or Work without prior written permission from the Architect.

#	Revision	Date
A1	Addendum #1	09.15.2023

3526 N 300 E
Kokomo, IN 46901



KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

HOWARD ELEMENTARY SCHOOL

FIRE AND LIFE SAFETY PLANS

3-G-101

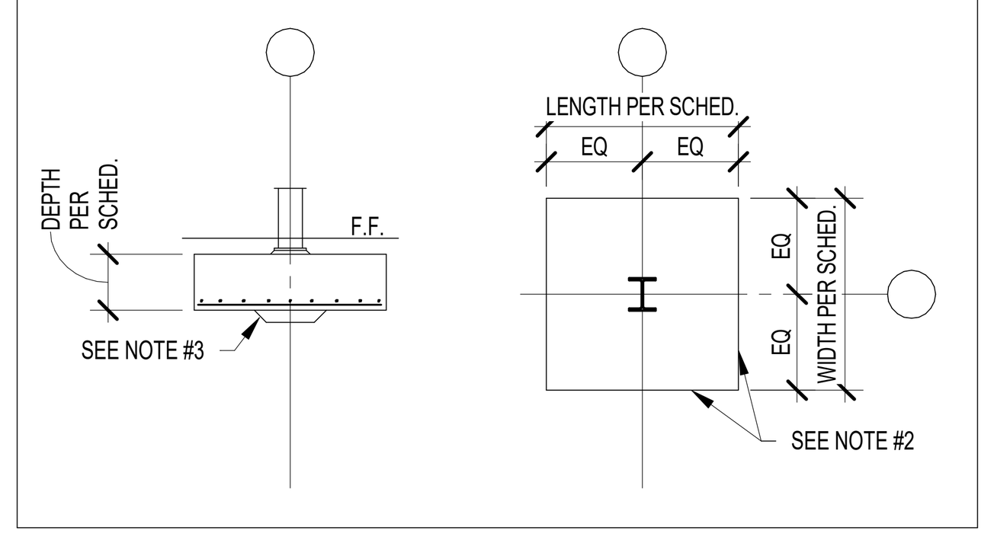
COLUMN FOOTING SCHEDULE

FOOTING MARK	FOOTING SIZE WIDTH	x LENGTH	x DEPTH	REINFORCING (EACH WAY)
F4.0	4'-0"	4'-0"	1'-2"	(4) #5 x 3'-6"
F4.0SP	4'-0"	4'-0"	VARIES 4	(5) #5 x 4'-0"
F5.0	5'-0"	5'-0"	1'-2"	(5) #5 x 4'-6"
F5.0SP	5'-0"	5'-0"	VARIES 4	(6) #5 x 5'-0"
F6.0	6'-0"	6'-0"	1'-2"	(6) #5 x 5'-6"
F6x4SP	6'-0"	4'-0"	VARIES 4	(4) #5 x 5'-6" LW & (6) #5 x 3'-6" SW
F7.0	7'-0"	7'-0"	1'-2"	(7) #5 x 6'-6"
F7X5SP	7'-0"	5'-0"	VARIES 4	(5) #6 x 6'-6" LW & (7) #6 x 4'-6" SW
F8.0	8'-0"	8'-0"	1'-4"	(7) #6 x 7'-6"
F9.0	9'-0"	9'-0"	1'-6"	(8) #6 x 8'-6"
F9x6SP	9'-0"	6'-0"	VARIES 4	(6) #6 x 8'-6" LW & (9) #6 x 5'-6" SW
F10.0	10'-0"	10'-0"	1'-8"	(8) #7 x 9'-6"

NOTES:

1. CENTER FOOTINGS BENEATH COLUMNS, U.N.O.
2. ALL FOOTINGS MUST BE BOARD-FORMED, UNLESS APPROVED.
3. INCREASE FOOTING DEPTH WHERE REQ'D TO ENCASE COLUMN ANCHOR RODS
4. SEE DETAIL 1 /2-S-402 FOR 'SP' FOOTING DEPTH.

NOTE: WF STEEL COLUMN SHOWN, TUBES, PIPES, C.I.P. CONCRETE, PRECAST & MASONRY COLUMNS SIM.



CONCRETE PIER SCHEDULE

PIER MARK	PIER SIZE		PIER REINFORCING VERTICALS	TIES-SIZE & SPA. 3	DETAIL	CRITICAL HEIGHT
P16	1' - 4"	1' - 4"	(4) #6	#4 @ 10" O.C.	A	N.A.
P28	2' - 4"	2' - 4"	(8) #7	#4 @ 12" O.C.	B	≤ 3' - 0"
			(4) #9	#4 @ 12" O.C.	A	> 3' - 0"
P28x20	2' - 4"	1' - 8"	(4) #7	#4 @ 10" O.C.	A	N.A.

1. PROVIDE MIN. 1 ½" CLEAR TO PIER TIES.

2. 'CRITICAL HEIGHT' DENOTES THE HEIGHT ABOVE WHICH LARGER DIAMETER VERTICALS WITH FEWER TIES MAY BE USED. REF. FOUNDATION PLAN(S) FOR TOP OF PIER & FOOTING ELEV'S.

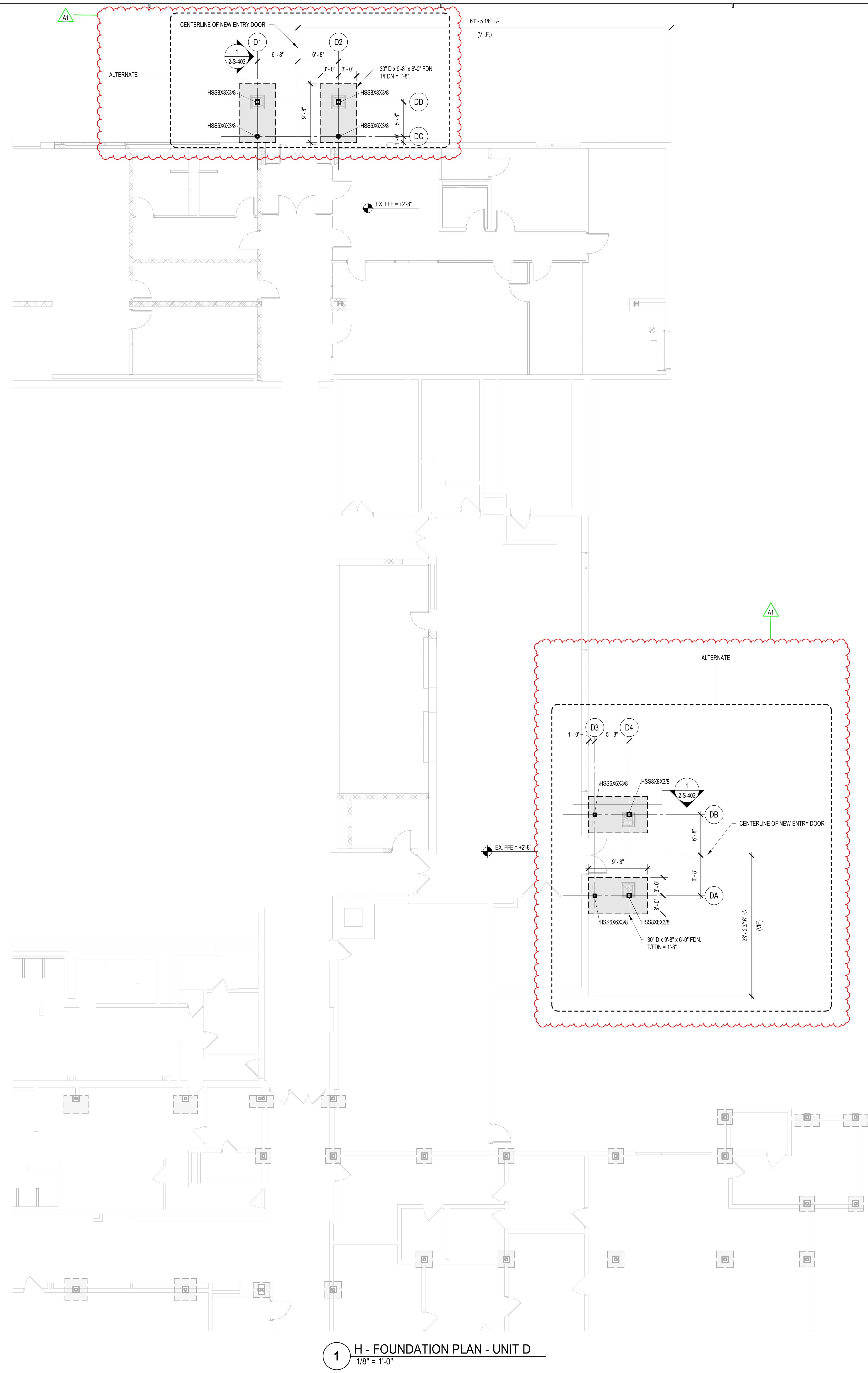
3. REF. 'TYPICAL CONCRETE PIER REINFORCING' ON FOUNDATION DETAIL SHEET FOR FURTHER INFORMATION ON TIE SPACING.

4. VERTICAL DOWELS ARE TO FUNCTION AS PIER VERTICALS FOR PIERS LESS THAN OR EQUAL TO 5' - 0" HIGH. PROVIDE SEPARATE DOWELS & VERTICALS FOR PIERS GREATER THAN OR EQUAL TO 5' - 0" HIGH, UNLESS APPROVED.

5. CONTACT THE STRUCTURAL ENGINEER FOR DIRECTION IF COLUMN ANCHOR RODS FOUL WITH PIER TIES OR VERTICALS.

6. MIN. HEIGHT OF PIERS: #6 VERTICALS = 2' - 0", #7 VERTICALS = 2' - 8".

DETAIL "A" (1) SET
DETAIL "B" (2) SETS
ALT. DETAIL "B" (3) SETS



1 H - FOUNDATION PLAN - UNIT D
1/8" = 1'-0"

FOUNDATION PLAN NOTES

1. REF. S-600 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.

2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.

3. COORDINATE EXACT SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FOUNDATION WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS.

4. ALL ELEVATIONS ARE REFERENCED FROM THE EXISTING LOWER LEVEL FINISHED FLOOR ELEVATION +0'-0" = 820.52' USGS (VERIFY w/ CIVIL DWGS).

5. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.

6. REF. S-400 FOR TYPICAL FOUNDATION DETAILS.

7. NOTE: PERIMETER WALL AND COLUMN FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (I.E. SANITARY & STORM SEWERS, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER TYPICAL DETAIL 16 /2-S-400. SEE 17 /2-S-400 FOR TYPICAL FOOTING STEP DETAIL.

8. ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.

9. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.

10. GROUT ALL CORES OF CMU BELOW FINISH FLOOR SOLID.

11. COLUMN FOOTINGS AND WALL FOOTINGS SHALL BEAR ON APPROVED SOIL. UNDERCUT AS REQ'D TO SUITABLE BEARING MATERIAL AS DETERMINED BY THE GEOTECHNICAL TESTING AGENCY. REF. TYPICAL FOOTING OVEREXCAVATION DETAILS 20 /2-S-400 & 21 /2-S-400.

12. COLUMN FOOTINGS SUPPORTING MORE THAN ONE COLUMN SHALL BE CENTERED AT THE MIDPOINT BETWEEN THE COLUMNS, UNLESS NOTED OTHERWISE ON PLAN.

13. PROVIDE 8" THICKENED SLABS BELOW BASE OF ALL STAIRS PER TYPICAL DETAIL 10 /2-S-400 AND BELOW INTERIOR BRICK PILASTERS EXTENDING APPROXIMATELY 20" BEYOND PILASTER. COORDINATE DIMENSIONS WITH FINAL ARCHITECTURAL CONSTRUCTION DOCUMENTS.

14. PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS-ON-GRADE ALONG COLUMN CENTERLINES AND INTERMITTENTLY AT A MAXIMUM SPACING OF 36 X SLAB THICKNESS (I.E. 12' O.C. MAX FOR 4" THICK SLAB). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK-SET TERRAZZO, CERAMIC OR PORCELAIN TILE, VINYL-COMPOSITION TILE (VCT) OR VINYL SHEET GOODS, EPOXY OR SIMILAR THIN-FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. SEE DETAIL 4 /2-S-400.

15. PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE 8 /2-S-400 FOR THICKENED SLAB DETAIL. LAYOUT THICKENED SLABS FROM DIMENSIONS ON THE ARCHITECT FLOOR PLANS.

16. ALL EXISTING CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM EXISTING DRAWINGS AND MUST BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFO. SHOWN ON THE DRAWINGS AND ACTUAL CONDITIONS IMMEDIATELY CONTACT ARCHITECT/ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.

17. WHERE PIERS OCCUR WITHIN A LARGER ARCH. PILASTER OR COLUMN ENCLOSURE (FOR EG. P23's WITHIN 40" SQUARE CANOPY PILASTERS) PROVIDE PIER REINF. CAGE CENTERED ON THE GRID INTERSECTION. FORM OVERALL PIER TO PROFILE OF THE ARCHITECTURAL PILASTER OR COLUMN ENCLOSURE. LAYOUT PILASTERS FROM DIMENSIONS ON THE ARCHITECTURAL PLANS & DETAILS.

18. PLAN LEGEND:

SOG/S.O.G.	DENOTES SLAB-ON-GRADE
F.F. / FFE	DENOTES FINISHED FLOOR ELEVATION
T/CONG	DENOTES TOP OF CONCRETE ELEVATION
T/FTG	DENOTES TOP OF FOOTING ELEVATION

T/F -2'-8" T/F -4'-0" T/F -4'-0" T/F -2'-8"

DENOTES APPROXIMATE LOCATION OF PIPE PENETRATION THROUGH FOUNDATION WALL. COORDINATE EXACT LOCATION & INVERT w/ APPROPRIATE TRADE. PROVIDE SLEEVE THROUGH FOUNDATION WALL PER TYPICAL DETAIL 16 /2-S-400

DENOTES APPROXIMATE STEP FOOTING LOCATION AND TOP OF FOOTING ELEVATIONS ON RESPECTIVE SIDES. REF. TYP. DETAIL 17 /2-S-400

DENOTES SLAB TURNDOWN FOR DOOR OPENING OR STOREFRONT/CURTAINWALL. REF SECTIONS 5 /2-S-401 & 6 /2-S-401.

DENOTES THICKENED SLAB. SEE ARCH DWGS. FOR INTERIOR CMU WALL LOCATIONS. SEE DETAILS 5&5A/S-400.

HSS8X8X1/2 — DENOTES COLUMN SIZE (REF. FRAMING PLANS FOR STUB COL'S NOT ON FDNS)
P28 -1' - 0" — DENOTES PIER MARK & TOP OF PIER ELEVATION (SEE PIER SCHED.)
F8.0 -2' - 8" — DENOTES COLUMN FOOTING MARK & TOP OF FTG. ELEVATION (SEE FTG. SCHED.)
STEEL COLUMN
CONCRETE PIER
COLUMN FOOTING

4S — DENOTES 4" THICK CONCRETE SLAB-ON-GRADE w/ FIBERFORCE 300 @ 1.5 LB/C.Y. (OR APPROVED EQUAL) & E5 INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & E5 CATALYST SPRAYED-ON BETWEEN 800-1,000 SF/GAL OVER 15-MIL CLASS A VAPOR BARRIER OVER 6" COMPACTED GRANULAR FILL T/SLAB = AS NOTED ON PLAN

DENOTES ELEVATION STEP IN SLAB ON GRADE

DENOTES VERTICAL BRACING

1/S-301 — DENOTES BRACING ELEVATION NUMBER

DENOTES GRADE BEAM PER DETAIL 3 /2-S-402

GB1 -0'-8" — DENOTES T/GRADE BEAM ELEVATION

SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced NRR/RMD

ROBERT M. DEE REGISTERED No. 10100205 STATE OF INDIANA PROFESSIONAL ENGINEER

#	Revision	Date
A1	Addendum #1	09.15.2023

3431 N 400 W
Kokomo IN , 46901

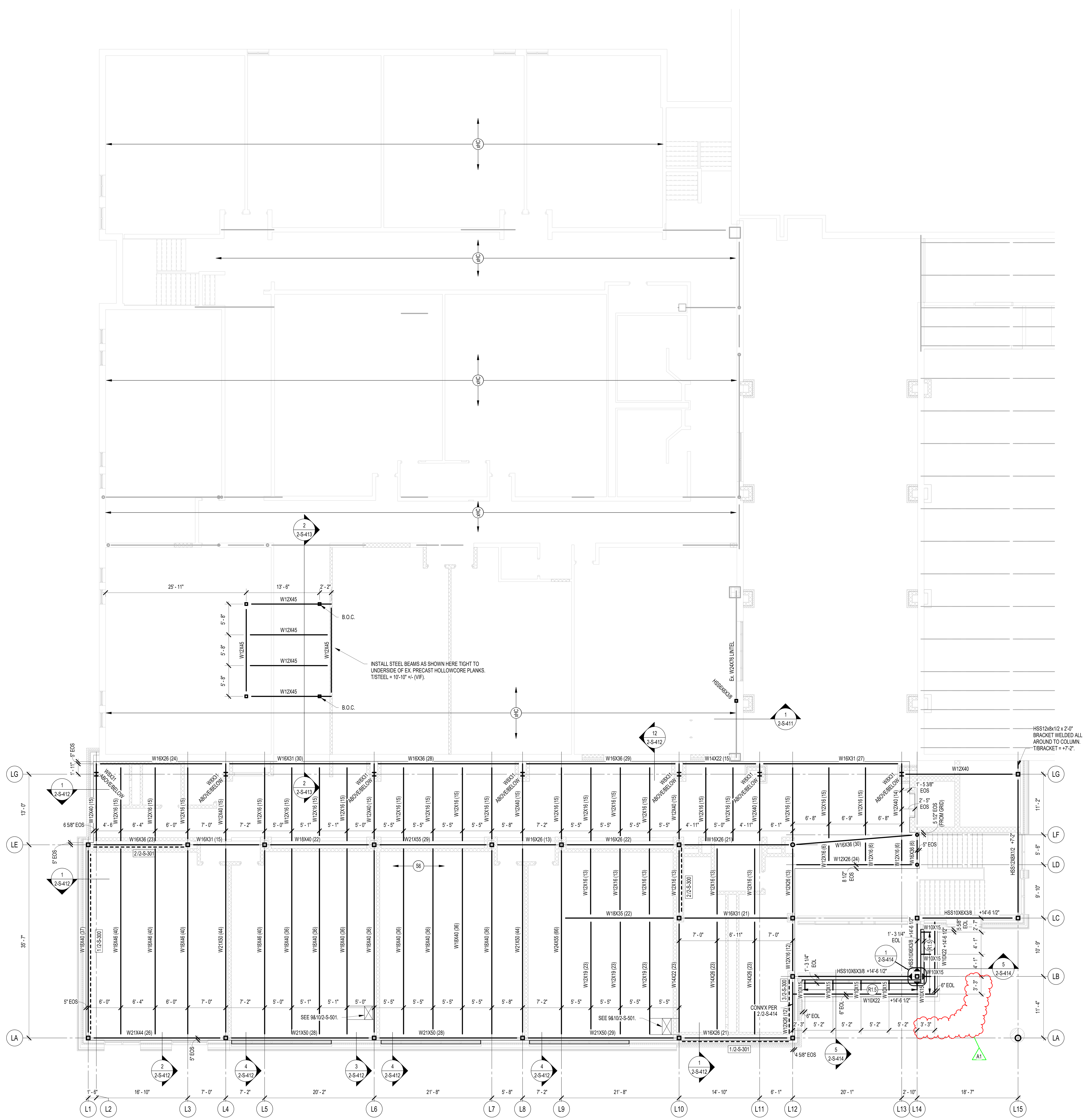
KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN HIGH SCHOOL / MIDDLE SCHOOL

2 - FOUNDATION PLAN - UNIT D

2-SF1D1



1 H - SECOND FLOOR FRAMING PLAN - UNIT L
1/8" = 1'-0"

T/SLAB +14'-8"
T/STEEL +14'-2" UNO

FRAMING PLAN NOTES

1. REF. 2-S-600 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.

2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. REFERENCE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.

3. ALL ELEVATIONS ARE REFERENCED FROM THE EXISTING FIRST FLOOR FINISHED FLOOR ELEVATION +0'-0" = 820.52' USGS (VERIFY w/ CIVIL DWGS.).

4. SEE FOUNDATION PLANS FOR SIZES OF STEEL COLUMNS SUPPORTED ON FOUNDATIONS.

5. REF. 2-S-501 FOR TYPICAL FRAMING DETAILS.

6. REF. 2-S-502 FOR TYPICAL MASONRY DETAILS.

7. INSTALL CONTINUOUS BENT PLATE / ANGLE POUR STOPS AT ALL ELEVATED SLAB-ON-DECK PERIMETER EDGES AND AROUND ALL INTERIOR FLOOR OPENINGS (BOTH SHOWN AND NOT SHOWN). SEE DETAIL A /2-S-410

8. INSTALL CONTINUOUS ANGLES AT ALL PERIMETER ROOF EDGES. SEE DETAIL B /2-S-410 FOR ATTACHMENT TO BEAM AND FOR ALL CONDITIONS NOT SPECIFICALLY DEFINED IN FRAMING SECTIONS.

9. SEE DETAIL 3 /2-S-501 FOR REINFORCING ABOVE INTERIOR GIRDERS.

10. FOR ALL HSS STRUCTURAL MEMBERS, UNLESS NOTED OTHERWISE IN PLAN OR SECTION, PROVIDE MINIMUM 3/8" END PL's AT BOTH ENDS SEAL WELDED TO HSS.

10. ALL EXISTING CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM EXISTING DRAWINGS AND MUST BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFO. SHOWN ON THE DRAWINGS AND ACTUAL CONDITIONS IMMEDIATELY CONTACT ARCHITECT/ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.

11. PLAN LEGEND:

S6	4 1/2" N.W. CONCRETE SLAB w/ 6X6-W2.1XW2.1 W.W.F. & E5 INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & E5 CATALYST SPRAYED-ON BETWEEN 800-1,000 SF/GAL OVER 1 1/2", 18 GA. GALVANIZED COMPOSITE STEEL FLOOR DECK TOTAL THICKNESS = 6". SEE DETAILS 3 /2-S-501; 4 /2-S-501
R1.5	1 1/2", 18 GA. TYPE B WIDE-RIB STEEL ROOF DECK (PRIME PAINTED BOTH SIDES.) SEE DETAIL 5 /2-S-501
xHC	EXISTING PRESTRESSED 12" HOLLOWCORE PLANKS w/ 2" TOPPING SLAB (TOTAL THICKNESS = 1'-2"). SEE CORE DRILLING AND ANCHORING REQUIREMENTS ON 2-SF1L2.
T/C	DENOTES TOP OF CONCRETE
T/S	DENOTES TOP OF STEEL ELEVATION.
B/S	DENOTES BOTTOM OF STEEL ELEVATION
E.O.S. (or EOS)	DENOTES EDGE OF SLAB (MEASURED FROM BEAM C.L.) SEE TYPICAL DETAIL A /2-S-410
E.O.D. (or EOD)	DENOTES EDGE OF DECK (MEASURED FROM BEAM C.L.) NOTE: PERIMETER ROOF ANGLE/BENT PL NOT REQUIRED.
E.O.L. (or EOL)	DENOTES EDGE OF ANGLE (MEASURED FROM BEAM C.L.) SEE TYPICAL DETAIL B /2-S-410
EX. (or EXIST.)	DENOTES EXISTING
C.L.	DENOTES CENTERLINE
PL	DENOTES STEEL PLATE
M.E.	DENOTES MATCH EXISTING
W.P.	DENOTES WORK POINT
S.O.D. (or SOD)	DENOTES SLAB-ON-DECK
S.O.G. (or SOG)	DENOTES SLAB-ON-GRADE
H.A.S.'s	DENOTES HEADED ANCHOR STUDS (FOR EXAMPLE, ALONG TOP FLANGES OF BEAMS INTO CMU ABOVE)
B.O.C.	DENOTES BEAM CONTINUOUS OVER COLUMN. SEE DETAIL 13 /2-S-501
- - - -	DENOTES VERTICAL BRACING
1/S-301	DENOTES BRACING ELEVATION NUMBER
W8x31 ABOVE/BELOW	DENOTES INTERRUPED COLUMN AT BEAM. SEE DETAIL15 /2-S-501 .
K.B.	DENOTES KNEE BRACE. SEE DETAIL16 /2-S-501 .
W14X26 (23) (11'-6")	DENOTES STEEL BEAM SIZE; FOR MEMBERS INDICATED, DENOTES NUMBER OF 3/4" DIA. X 3 1/4" LONG HEADED SHEAR STUDS UNIFORMLY SPACED ALONG LENGTH OF BEAM. SEE DETAILS 1 /2-S-501; 2 /2-S-501; DENOTES TOP OF BEAM ELEVATION
	DENOTES APPROXIMATE SIZE/LOCATION OF MECHANICAL OPENINGS. COORDINATE EXACT SIZE/LOCATION AND QUANTITIES w/ MECHANICAL CONTRACTOR. REFERENCE TYPICAL OPENING DETAILS ON 2-S-501. NOTE: ALL OPENINGS MAY NOT BE SHOWN ON PLAN. FOR MULTIPLE CLOSELY SPACED OPENINGS, TREAT AS ONE LARGE OPENING.

CRITICAL NOTE:
AT THE SECOND FLOOR OF THE EXISTING MIDDLE SCHOOL, PRIOR TO CORE-DRILLING OR ANCHORING INTO THE EXISTING HOLLOW-CORE PRECAST FLOOR PLANKS, ALL EXISTING PRESTRESSED TENDONS IN THE PRECAST PLANKS SHALL BE LOCATED USING GPR, X-RAY, OR SIMILAR MEANS AND DOCUMENTED ON SHOP DRAWINGS WITH ACCURATE PLAN DIMENSIONS TIED TO EXISTING WALLS OR GRIDLINES.
AFTER DOCUMENTING THE TENDON LOCATIONS, ALL PENETRATIONS AND ANCHORS MUST BE LAID OUT TO AVOID TENDONS.
SUBMIT DOCUMENTATION TO CM/A/E PRIOR TO CORE-DRILLING OR ANCHORING TO PRECAST PLANKS.

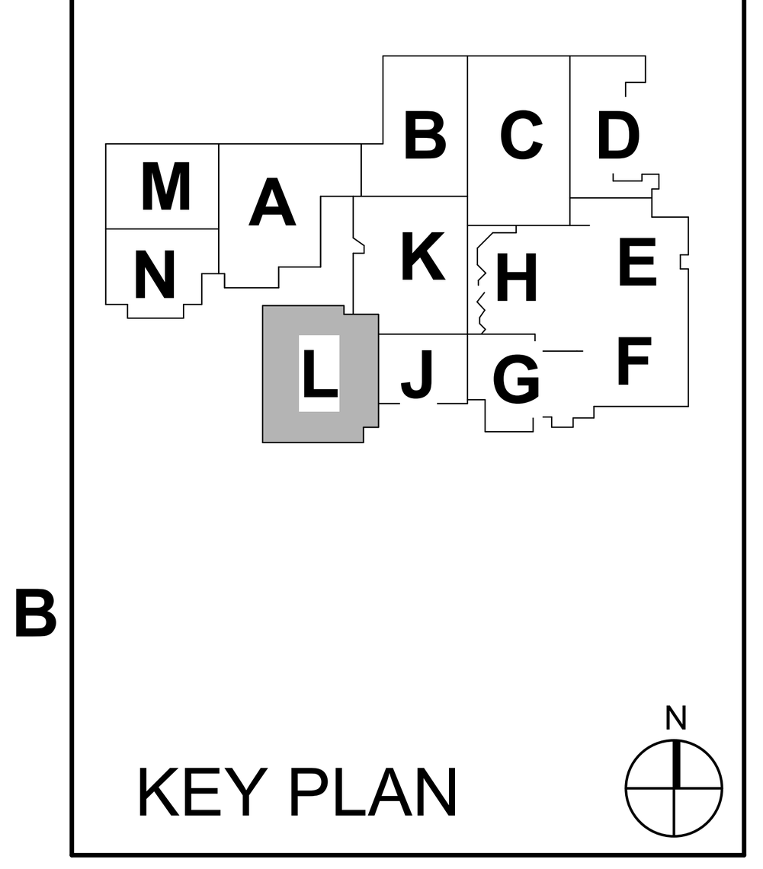
SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced NRR/RMD

ROBERT M. DEE REGISTERED No. 10100205 STATE OF INDIANA PROFESSIONAL ENGINEER

#	Revision	Date
A1	Addendum #1	09.15.2023

3431 N 400 W
Kokomo IN , 46901



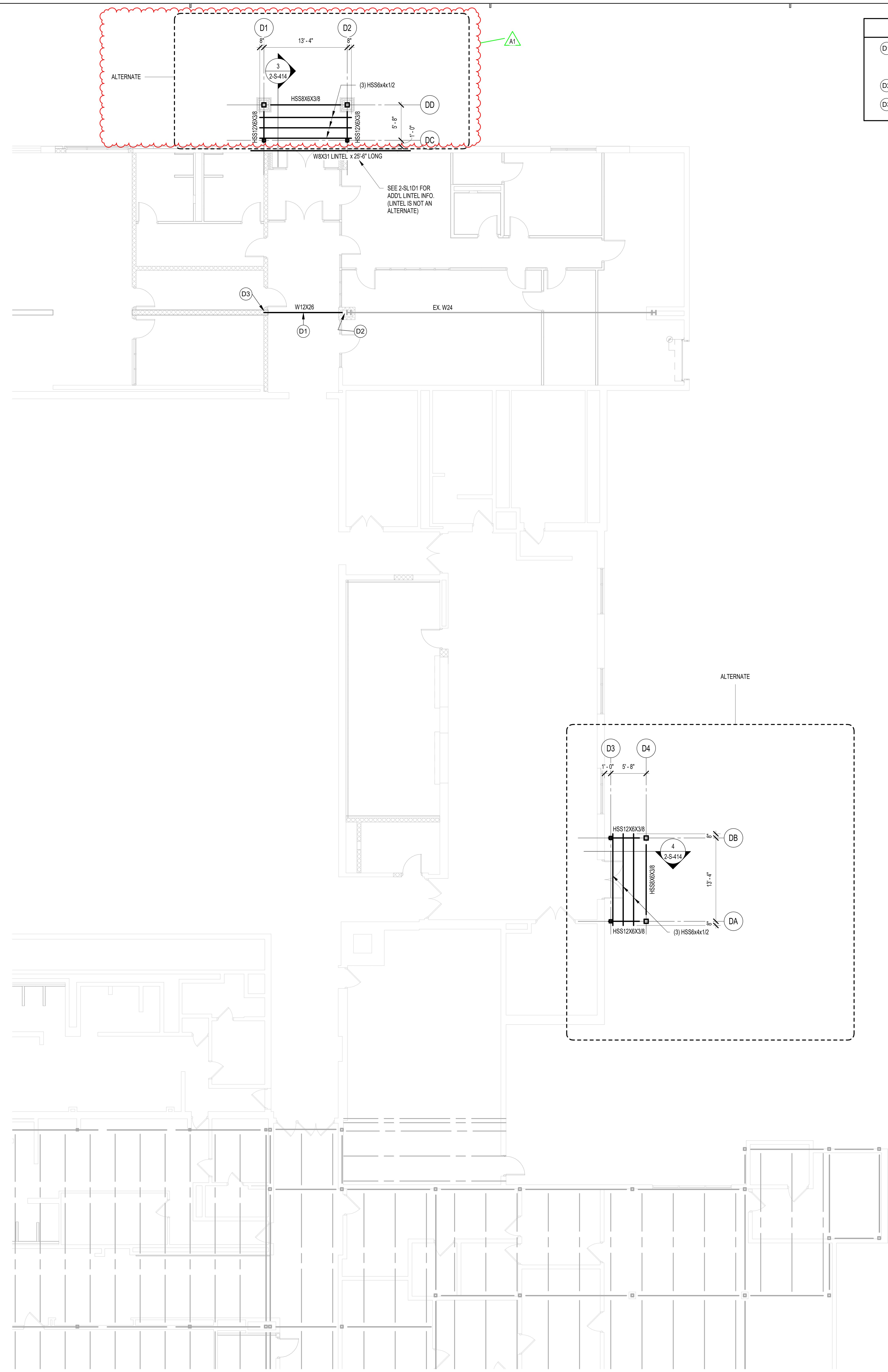
KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN HIGH SCHOOL / MIDDLE SCHOOL

2 - SECOND FLOOR FRAMING PLAN - UNIT L

2-SF1L2



1 H - ROOF FRAMING PLAN - UNIT D
1/8" = 1'-0"

UNIT D FRAMING PLAN KEYNOTES

- (D1) SHORE EXISTING JOISTS FOR REMOVAL OF EXISTING MASONRY WALL. INSTALL NEW BEAM PER PLAN TIGHT TO EXISTING JOIST SEATS. SHIM AND MODIFY ENDS OF EXISTING JOISTS AS REQ'D FOR STEEL BEARING. SEE ARCH DEMO DRAWINGS FOR EXTENTS OF EXISTING WALL DEMOLITION.
- (D2) CONNECT NEW BEAM TO END OF EX. W24 BEAM PER DETAIL 2/2-SF1DR.
- (D3) NEW BEAM TO BEAR ON NEW CORRIDOR CMU WALL. REF. DETAIL 17/S-503, BEARING PLATE MARK 'C'.

FRAMING PLAN NOTES

1. REF. 2-S-600 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.

2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. REFERENCE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.

3. ALL ELEVATIONS ARE REFERENCED FROM THE EXISTING FIRST FLOOR FINISHED FLOOR ELEVATION +0'-0" = 820.52' USGS (VERIFY w/ CIVIL DWGS.).

4. SEE FOUNDATION PLANS FOR SIZES OF STEEL COLUMNS SUPPORTED ON FOUNDATIONS.

5. REF. 2-S-501 FOR TYPICAL FRAMING DETAILS.

6. REF. 2-S-502 FOR TYPICAL MASONRY DETAILS.

7. INSTALL CONTINUOUS BENT PLATE / ANGLE POUR STOPS AT ALL ELEVATED SLAB-ON-DECK PERIMETER EDGES AND AROUND ALL INTERIOR FLOOR OPENINGS (BOTH SHOWN AND NOT SHOWN). SEE DETAIL A /2-S-410

8. INSTALL CONTINUOUS ANGLES AT ALL PERIMETER ROOF EDGES. SEE DETAIL B /2-S-410 FOR ATTACHMENT TO BEAM AND FOR ALL CONDITIONS NOT SPECIFICALLY DEFINED IN FRAMING SECTIONS.

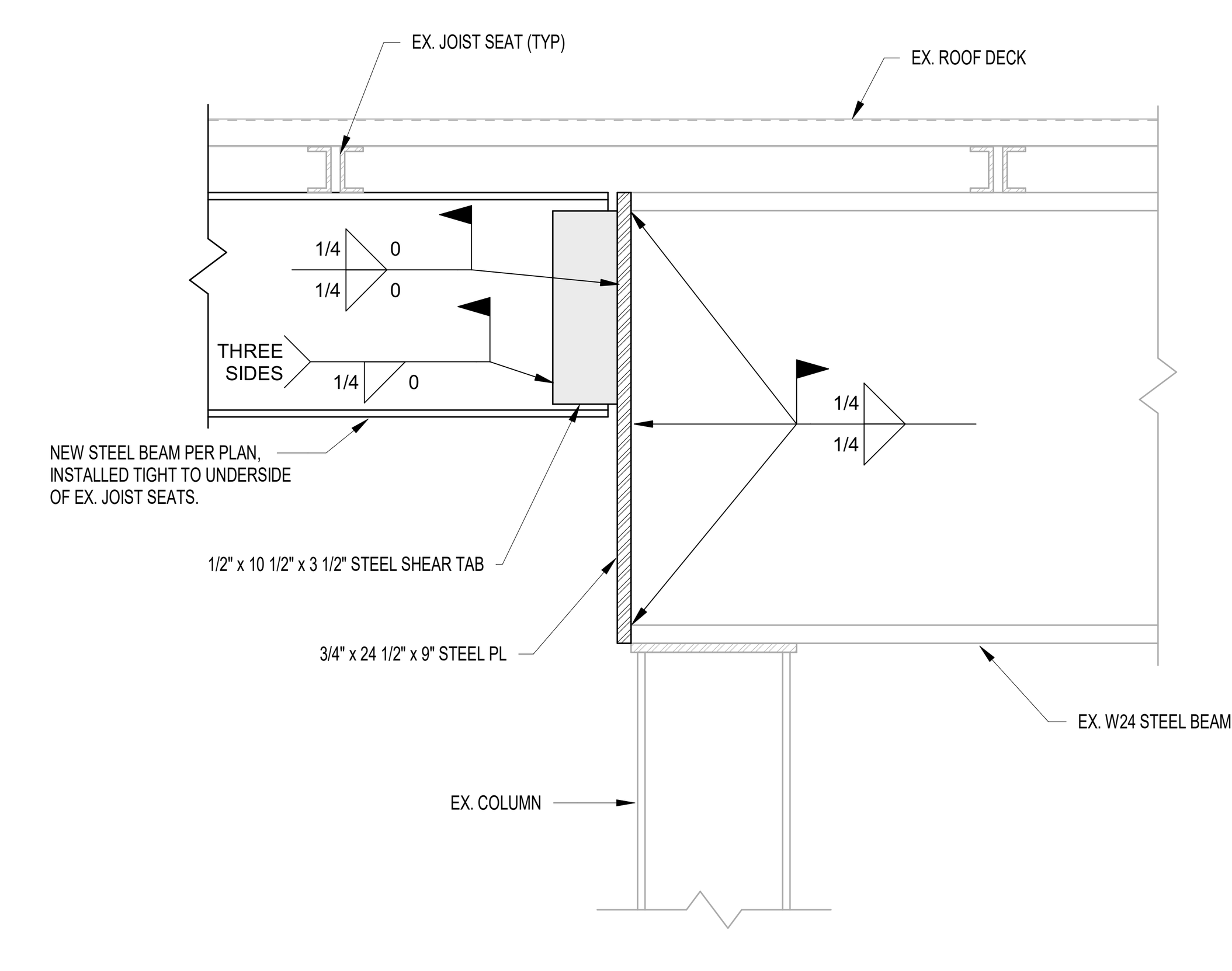
9. SEE DETAIL 3 /2-S-501 FOR REINFORCING ABOVE INTERIOR GIRDERS.

10. FOR ALL HSS STRUCTURAL MEMBERS, UNLESS NOTED OTHERWISE IN PLAN OR SECTION, PROVIDE MINIMUM 3/8" END PL's AT BOTH ENDS SEAL WELDED TO HSS.

10. ALL EXISTING CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM EXISTING DRAWINGS AND MUST BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFO. SHOWN ON THE DRAWINGS AND ACTUAL CONDITIONS IMMEDIATELY CONTACT ARCHITECT/ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.

11. PLAN LEGEND:

S6	4 1/2" N.W. CONCRETE SLAB w/ 6X6-W2.1XW2.1 W.W.F. & E5 INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & E5 CATALYST SPRAYED-ON BETWEEN 800-1,000 SF/GAL OVER 1 1/2", 18 GA. GALVANIZED COMPOSITE STEEL FLOOR DECK TOTAL THICKNESS = 6". SEE DETAILS 3 /2-S-501; 4 /2-S-501
R1.5	1 1/2", 18 GA. TYPE B WIDE-RIB STEEL ROOF DECK (PRIME PAINTED BOTH SIDES.) SEE DETAIL 5 /2-S-501
xHC	EXISTING PRESTRESSED 12" HOLLOWCORE PLANKS w/ 2" TOPPING SLAB (TOTAL THICKNESS = 1'-2"). SEE CORE DRILLING AND ANCHORING REQUIREMENTS ON 2-SF1L2.
T/C	DENOTES TOP OF CONCRETE
T/S	DENOTES TOP OF STEEL ELEVATION.
B/S	DENOTES BOTTOM OF STEEL ELEVATION
E.O.S. (or EOS)	DENOTES EDGE OF SLAB (MEASURED FROM BEAM C.L.) SEE TYPICAL DETAIL A /2-S-410
E.O.D. (or EOD)	DENOTES EDGE OF DECK (MEASURED FROM BEAM C.L.) NOTE: PERIMETER ROOF ANGLE/BENT PL NOT REQUIRED.
E.O.L. (or EOL)	DENOTES EDGE OF ANGLE (MEASURED FROM BEAM C.L.) SEE TYPICAL DETAIL B /2-S-410
EX. (or EXIST.)	DENOTES EXISTING
C.L.	DENOTES CENTERLINE
PL	DENOTES STEEL PLATE
M.E.	DENOTES MATCH EXISTING
W.P.	DENOTES WORK POINT
S.O.D. (or SOD)	DENOTES SLAB-ON-DECK
S.O.G. (or SOG)	DENOTES SLAB-ON-GRADE
H.A.S.'s	DENOTES HEADED ANCHOR STUDS (FOR EXAMPLE, ALONG TOP FLANGES OF BEAMS INTO CMU ABOVE)
B.O.C.	DENOTES BEAM CONTINUOUS OVER COLUMN. SEE DETAIL 13 /2-S-501
(dashed line)	DENOTES VERTICAL BRACING
1/S-301	DENOTES BRACING ELEVATION NUMBER
W8x31 ABOVE/BELOW	DENOTES INTERRUPED COLUMN AT BEAM. SEE DETAIL15 /2-S-501 .
K.B.	DENOTES KNEE BRACE. SEE DETAIL16 /2-S-501 .
W14X26 (23) (11'-6")	DENOTES STEEL BEAM SIZE. FOR MEMBERS INDICATED, DENOTES NUMBER OF 3/4" DIA. X 3 1/4" LONG HEADED SHEAR STUDS UNIFORMLY SPACED ALONG LENGTH OF BEAM. SEE DETAILS 1 /2-S-501; 2 /2-S-501. DENOTES TOP OF BEAM ELEVATION
(opening symbols)	DENOTES APPROXIMATE SIZE/LOCATION OF MECHANICAL OPENINGS. COORDINATE EXACT SIZE/LOCATION AND QUANTITIES w/ MECHANICAL CONTRACTOR. REFERENCE TYPICAL OPENING DETAILS ON 2-S-501. NOTE: ALL OPENINGS MAY NOT BE SHOWN ON PLAN. FOR MULTIPLE CLOSELY SPACED OPENINGS, TREAT AS ONE LARGE OPENING.



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

SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced NRR/RMD

ROBERT M. DEE REGISTERED No. 10100205 STATE OF INDIANA PROFESSIONAL ENGINEER

#	Revision	Date
A1	Addendum #1	09.15.2023

3431 N 400 W
Kokomo IN , 46901

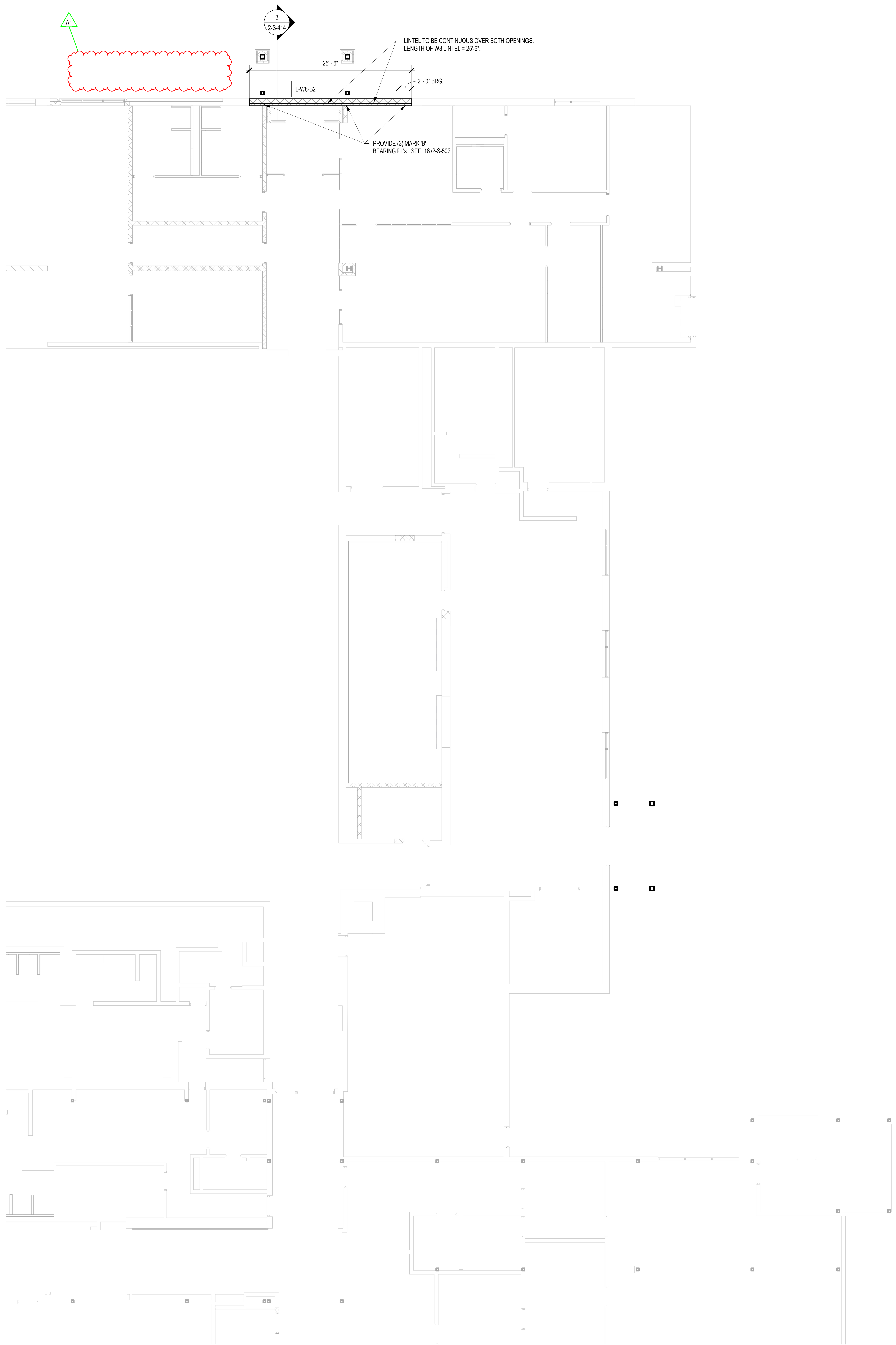
KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN HIGH SCHOOL / MIDDLE SCHOOL

2 - ROOF FRAMING PLAN - UNIT D

2-SF1DR



1 H - FIRST FLOOR LINTEL PLAN - UNIT D
1/8" = 1'-0"

MASONRY LINTEL SCHEDULE

LINTEL MARK	DESCRIPTION	BEARING PLATE MARK
L-W8-1	GALV. W8X18 WITH CONT. BOTTOM PLATE PER SECTION 3/2-S-411	'A'
L-W8-2	GALV. W8X24 WITH CONT. BOTTOM PLATE PER SECTION 3/2-S-411	'A'
L-W8-B	GALV. W8X18 WITH CONT. BOTTOM PLATE & GUSSET PL's PER SECTION 2/2-S-411	'A'
L-W8-B2	GALV. W8X31 WITH CONT. BOTTOM PLATE & GUSSET PL's PER SECTION 2/2-S-411	'B'
L-W16-B	GALV. W16X40 WITH CONT. BOTTOM PLATE & GUSSET PL's PER SECTION 2/2-S-411	'B'

NOTES: GROUT CMU LINTEL CORES SOLID.
PROVIDE MINIMUM 1" BEARING AT EACH END FOR EACH FOOT OF LINTEL CLEAR SPAN BUT NOT LESS THAN 8" AT EACH END.
TEMPORARILY SHORE CMU LINTELS FOR MINIUMUM 7 DAYS AFTER GROUTING.
COORDINATE DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
SEE 18/2-S-502 FOR LINTEL BEARING PLATE DETAILS.

NOTE: LINTELS SHOWN ON THIS PLAN ARE FOR NEW OPENINGS IN EXISTING LOAD-BEARING CMU WALLS. SHORE EXISTING STRUCTURE AS REQUIRED. SHORING DESIGN, MEANS AND METHODS TO BE DETERMINED BY CONTRACTOR.
FOR LINTELS AT OPENINGS IN NEW CONSTRUCTION OR NON-LOAD-BEARING EXISTING WALLS, SEE LINTEL NOTES ON SHEET 2-S-600.

SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced NRR/RMD

ROBERT M. DEE REGISTERED No. 10100205 STATE OF INDIANA PROFESSIONAL ENGINEER

#	Revision	Date
A1	Addendum #1	09.15.2023

3431 N 400 W
Kokomo IN , 46901

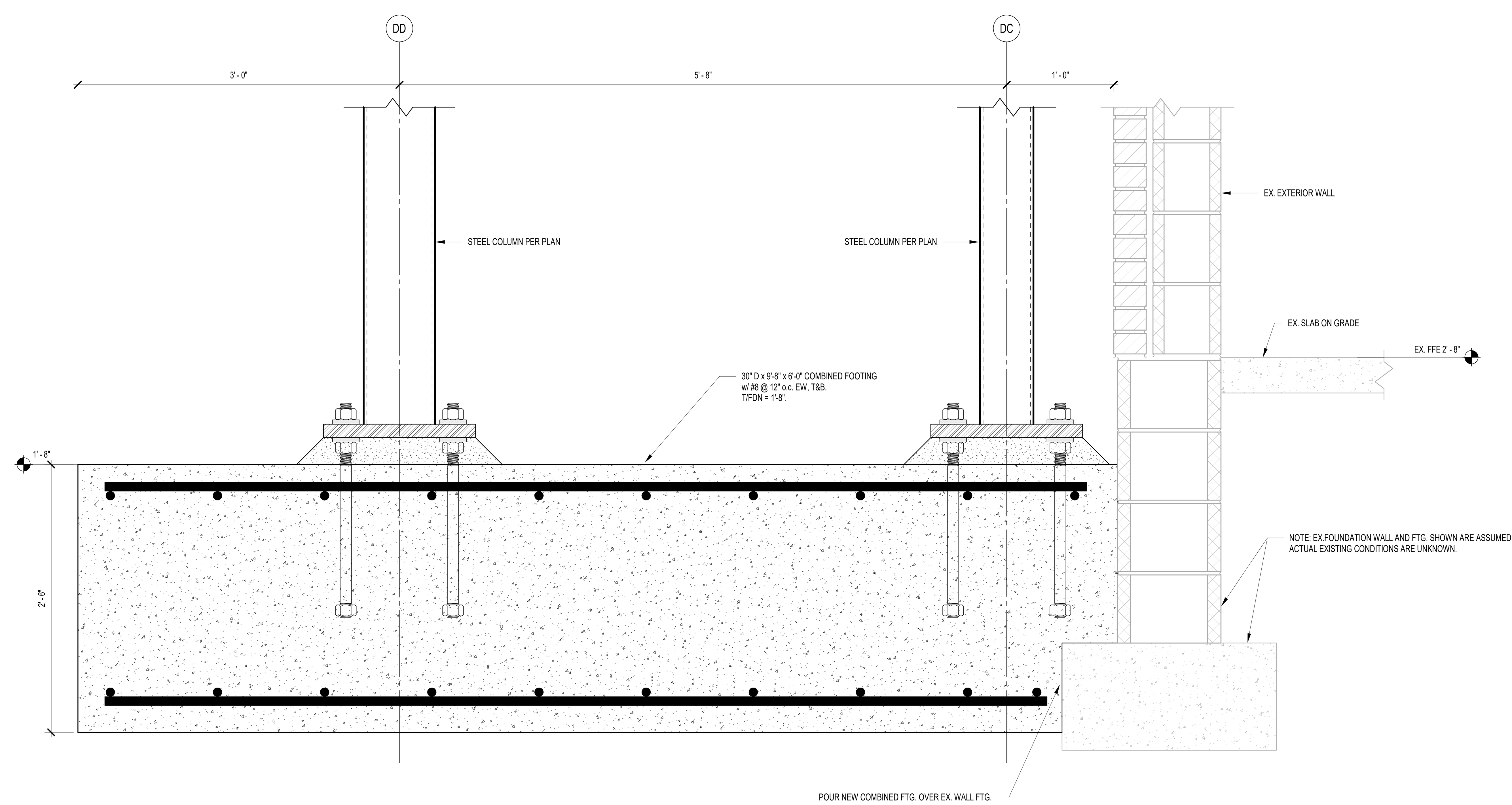
KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN HIGH SCHOOL / MIDDLE SCHOOL

2 - FIRST FLOOR LINTEL PLAN - UNIT D

2-SL1D1



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

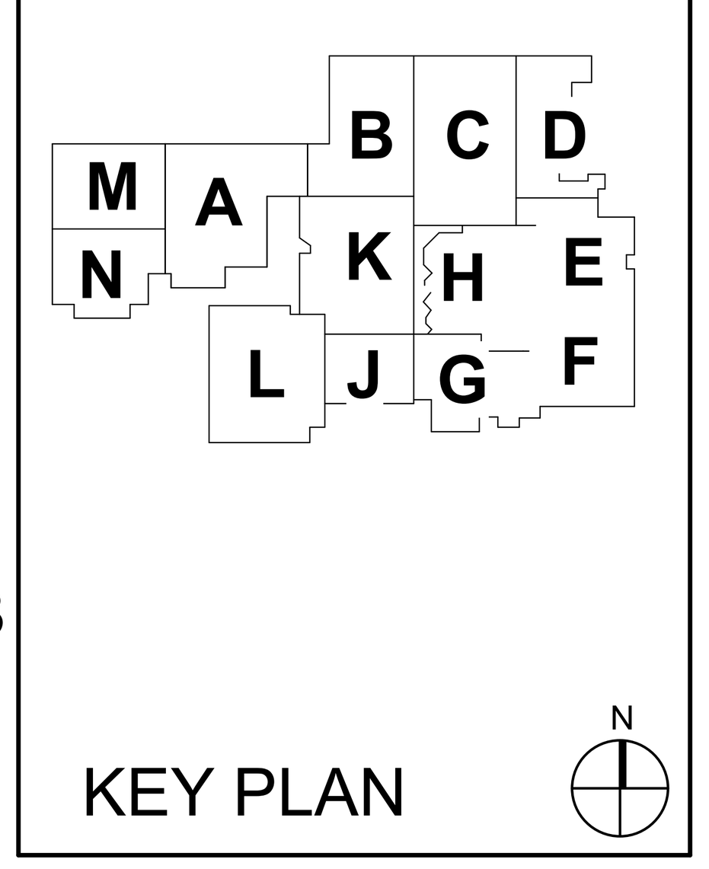
SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced NRR/RMD

ROBERT M. DEE
REGISTERED
No. 10100205
STATE OF INDIANA
PROFESSIONAL ENGINEER

#	Revision	Date
A1	Addendum #1	09.15.2023

3431 N 400 W
Kokomo IN , 46901



KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

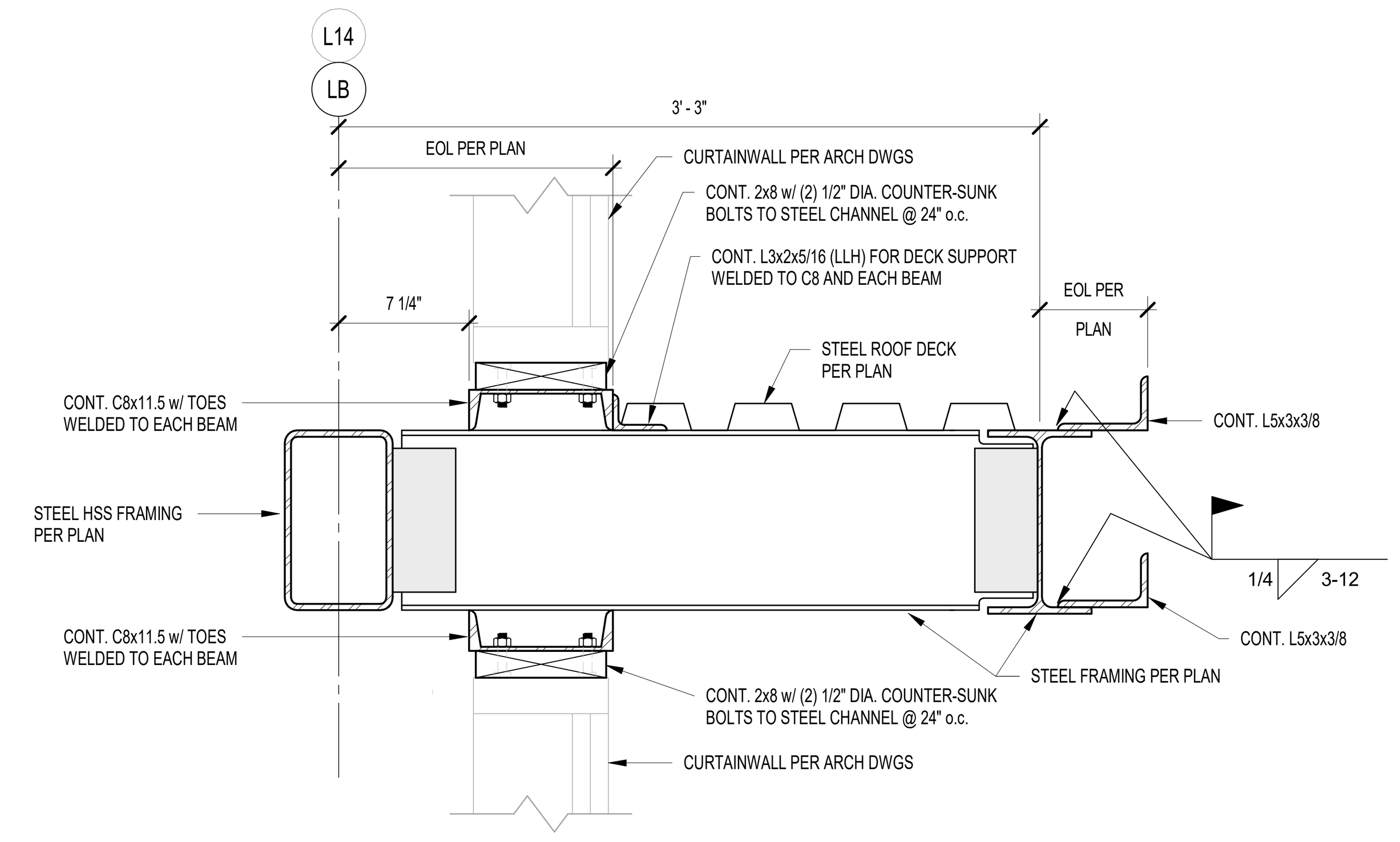
NORTHWESTERN HIGH SCHOOL / MIDDLE SCHOOL

A1

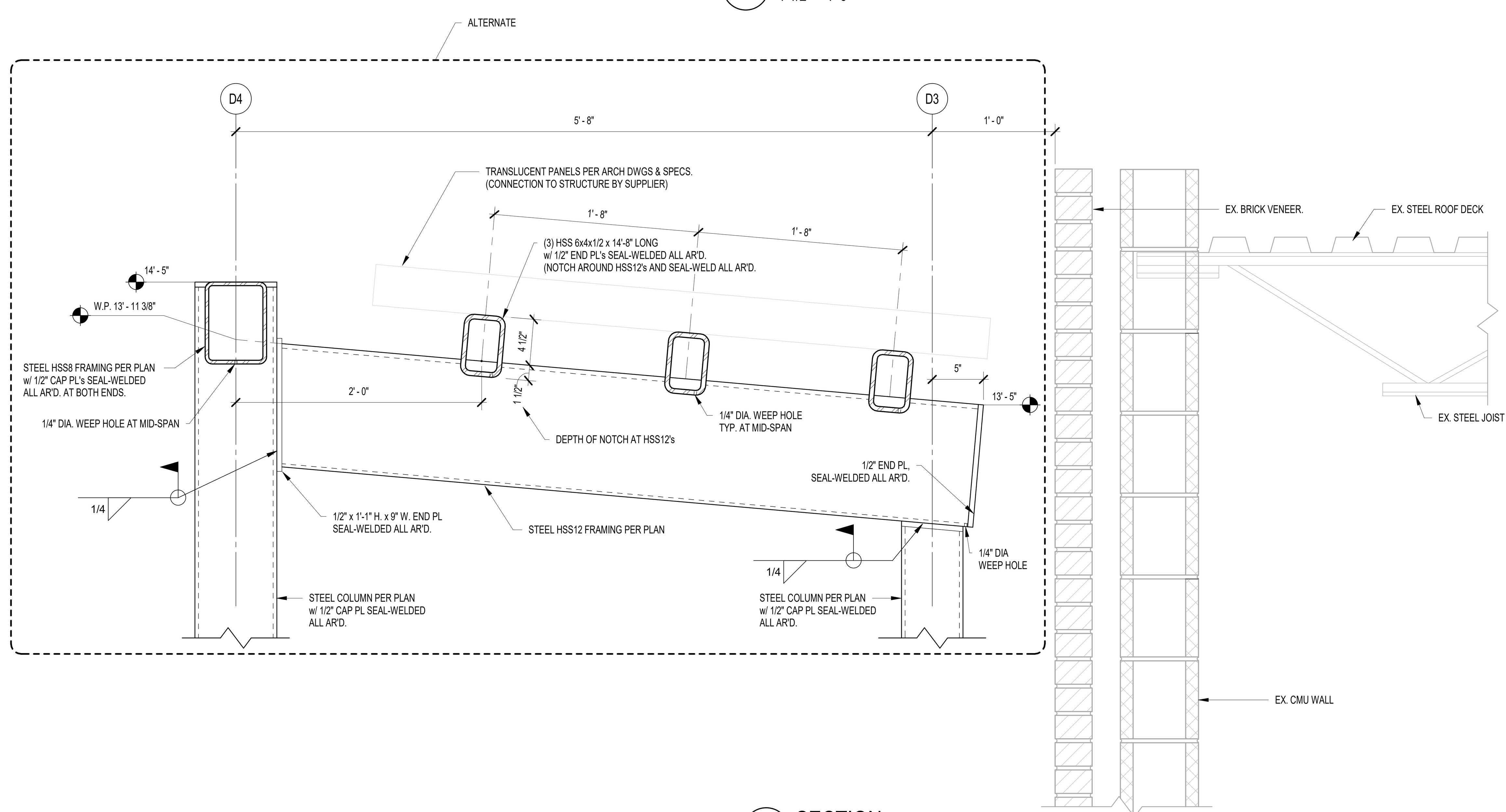
FOUNDATION SECTIONS AND DETAILS

2-S-403

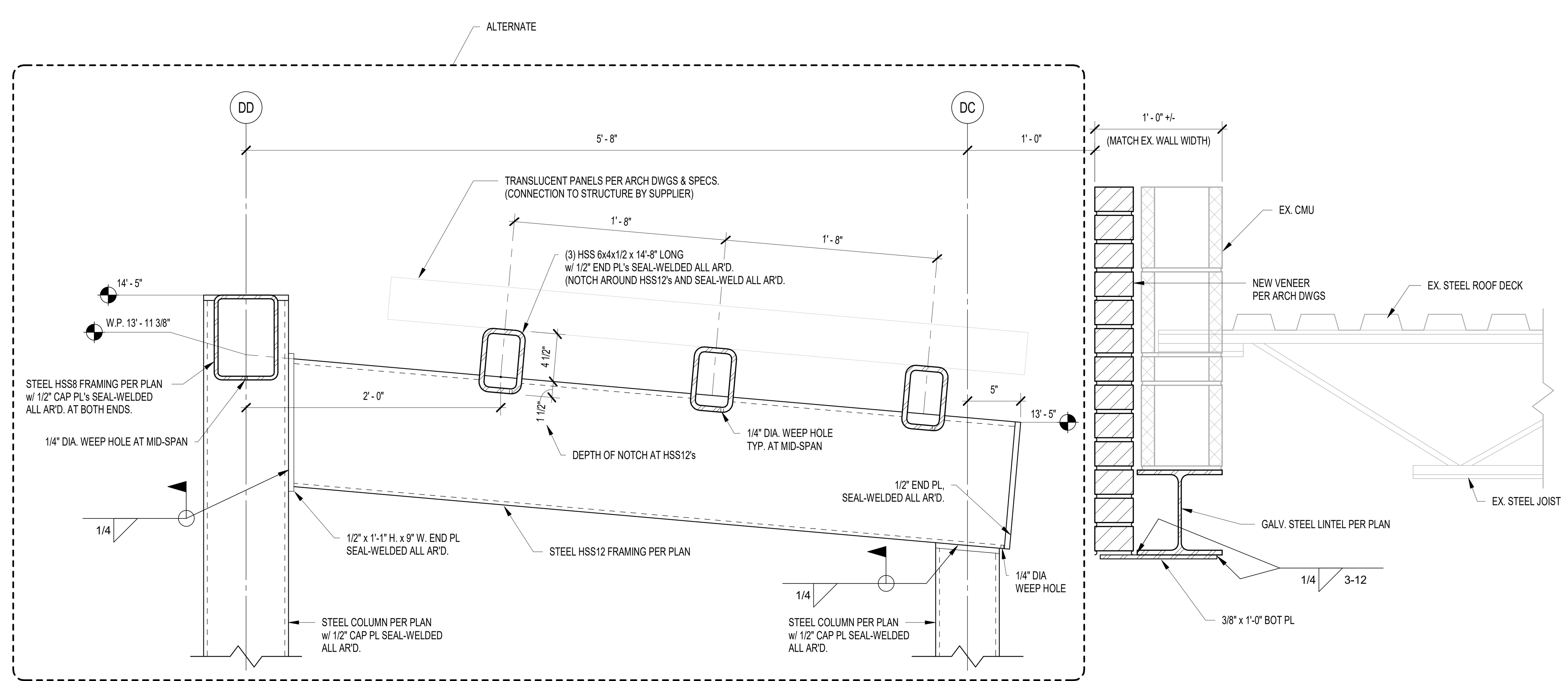
6 5 4 3 2 1



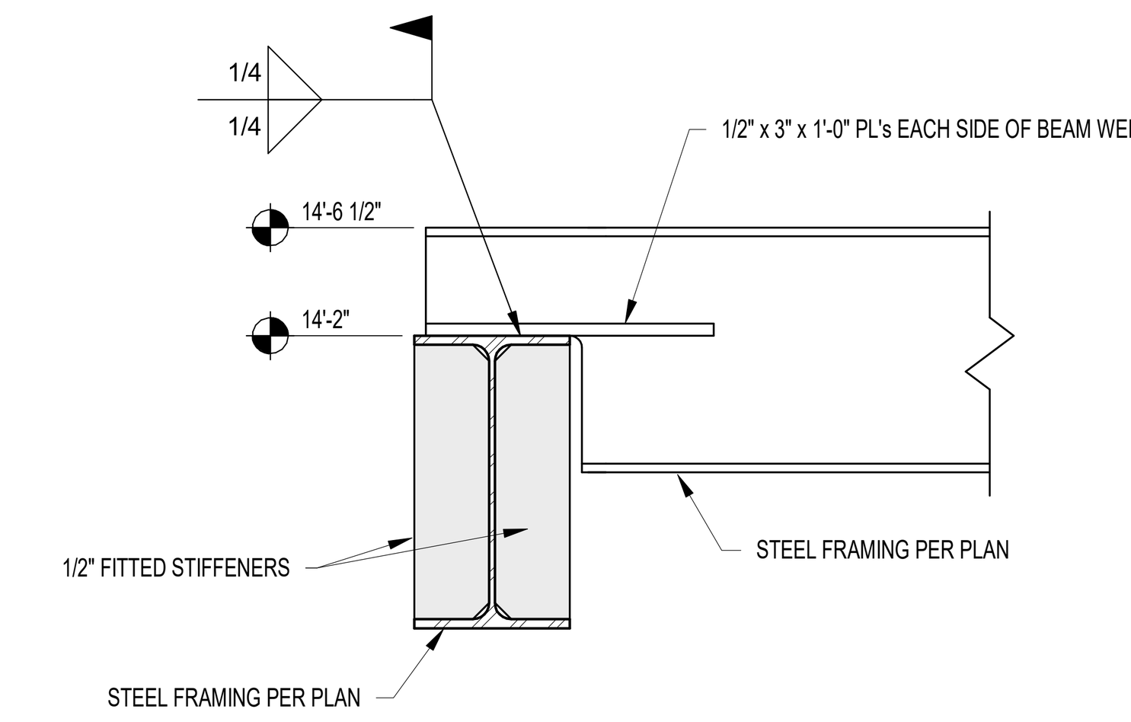
5 SECTION
1 1/2" = 1'-0"



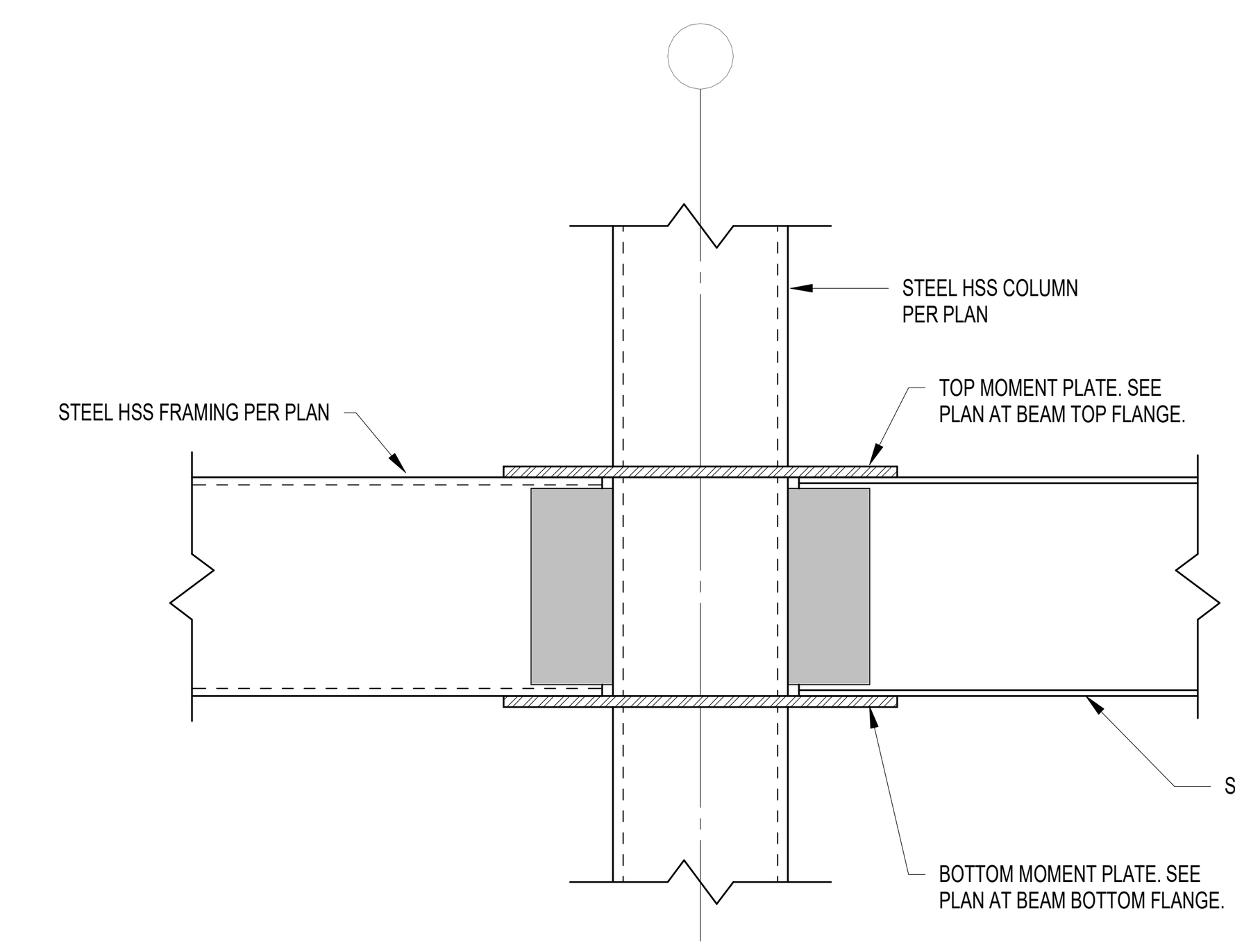
4 SECTION
1 1/2" = 1'-0"



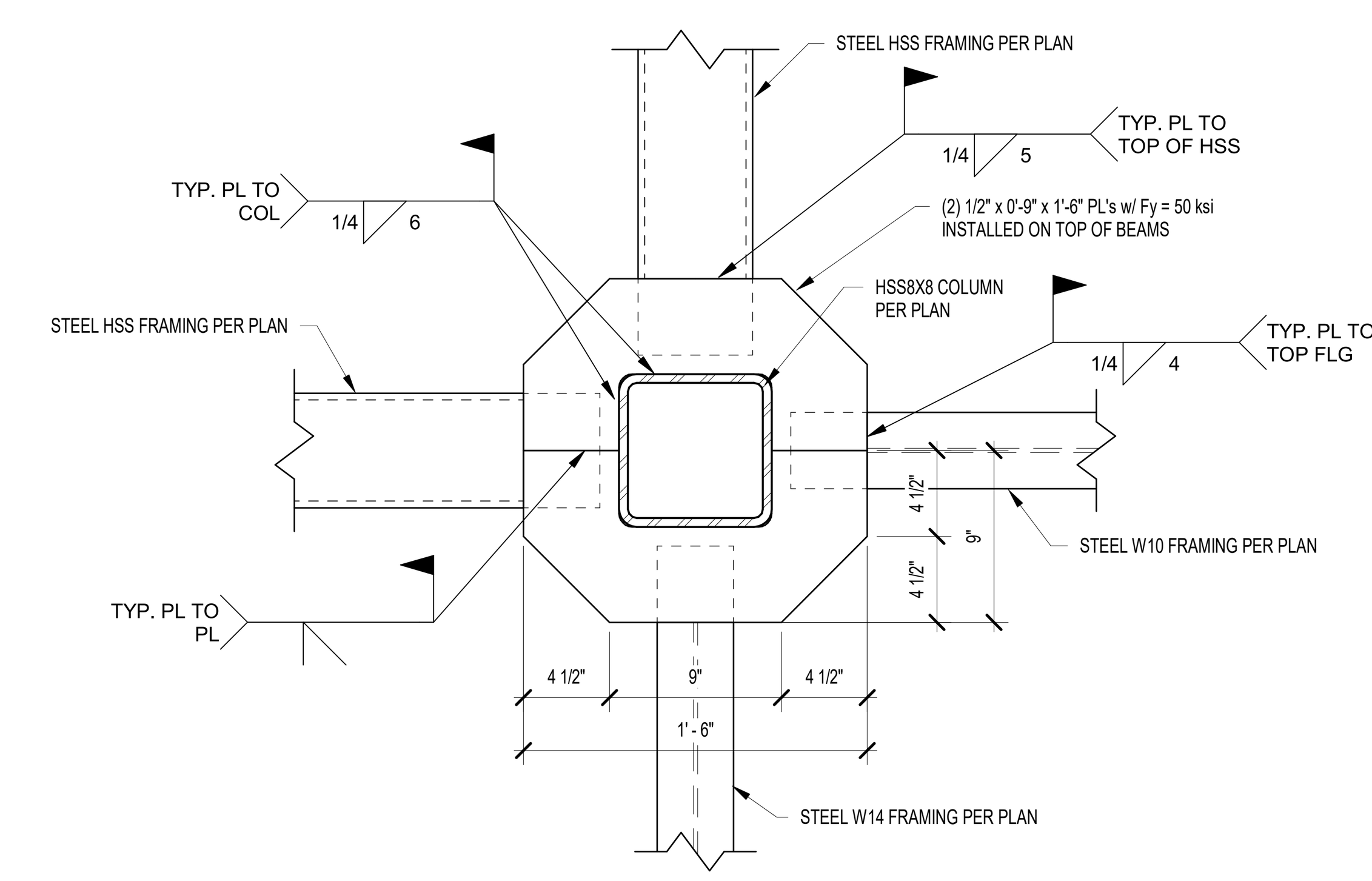
3 SECTION
1 1/2" = 1'-0"



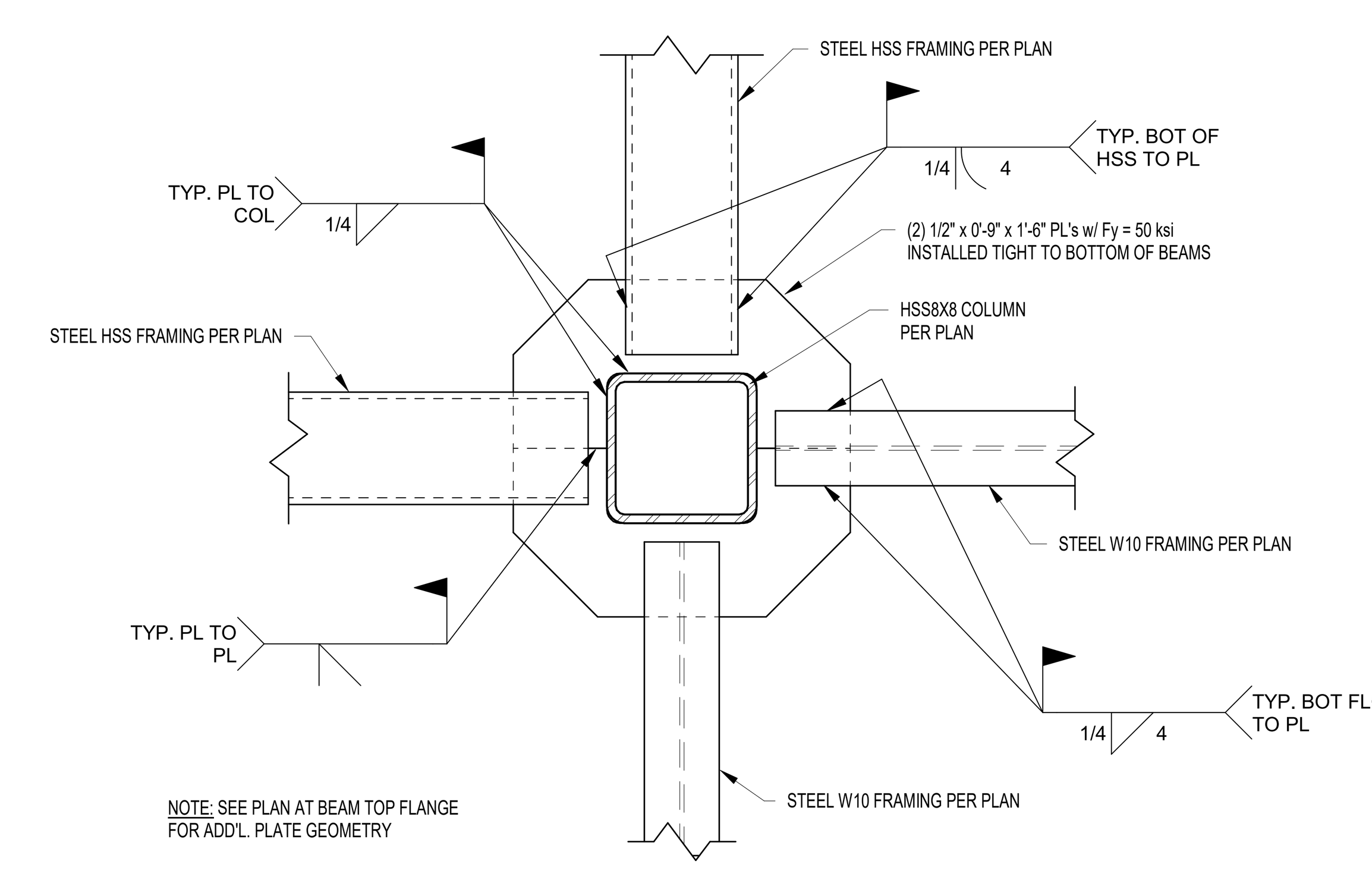
2 DETAIL
1 1/2" = 1'-0"



SECTION



PLAN AT BEAM TOP FLANGE



PLAN AT BEAM BOTTOM FLANGE

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

SCHMIDT
ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced NRR/RMD

ROBERT M. DEE
REGISTERED
No. 10100205
STATE OF INDIANA
PROFESSIONAL ENGINEER

#	Revision	Date
A1	Addendum #1	09.15.2023

3431 N 400 W
Kokomo IN , 46901

KEY PLAN

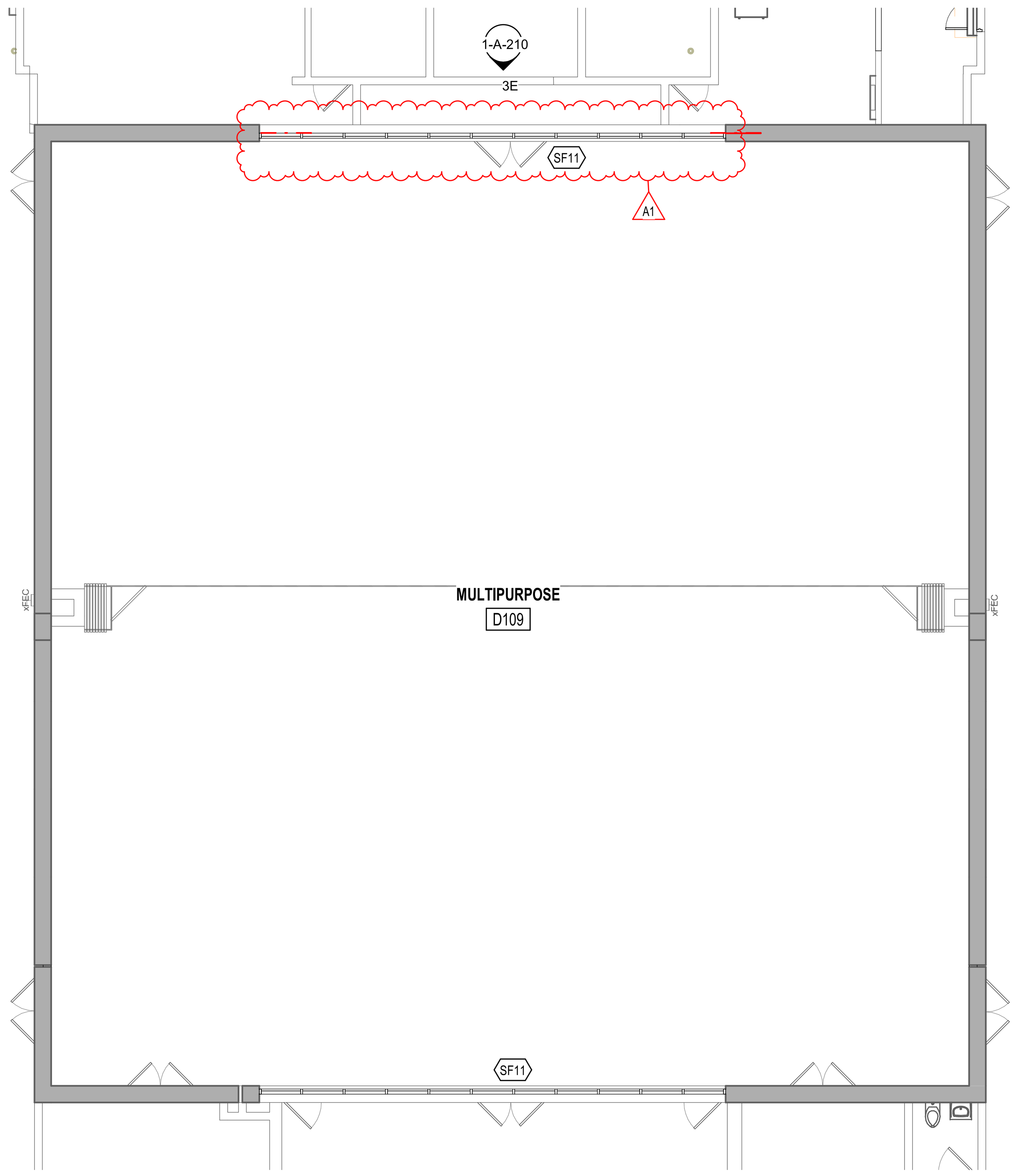
NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN HIGH SCHOOL / MIDDLE SCHOOL

FRAMING SECTIONS AND DETAILS

2-S-414

6 5 4 3 2 1



5A UNIT D - CLERESTORY PLAN
1/8" = 1'-0"

FLOOR PLAN NOTES

#	Note
1	08 71 00 - ADA AUTOMATIC OPERATOR. COORDINATE LOCATION WITH ARCHITECT.
2	ACCESS CONTROL CARD READER. REFER TO T-SERIES DWGS.
3	INTERCOM - TALK/VIDEO. REFER TO T-SERIES DRAWINGS.
4	PANIC BUTTON ON MILLWORK. REFER TO T-SERIES DRAWINGS.
5	08 71 00 - LOCK/UNLOCK SWITCH FROM RECEPTION DESK FOR 3 DOORS.
6	10 14 00 - BUILDING SIGNAGE REFER TO ELEVATIONS.
7	INFILL OPENING WITH CONSTRUCTION MATCHING EXISTING ADJACENT CONSTRUCTION. AT EXTERIOR MASONRY LOCATIONS USE SALVAGED BRICK. TOOTH-IN MASONRY.
8	08 88 00 - ONE WAY GRAPHIC FILM APPLIED TO EXISTING GLASS SIDELITE.
9	03 30 00 - INFILL EXISTING SLAB WITH TOPPING MATERIAL TO LEVEL AFTER REMOVAL OF EXISTING QUARRY TILE. PREP FOR NEW FLOOR FINISH.
10	05 73 00 - DECORATIVE METAL RAILING TYPE A
11	03 30 00 - INFILL EXISTING SLAB TO LEVEL. REF. S-SERIES DRAWINGS. PREP FOR NEW FLOOR FINISH.
12	ALIGN NEW WALL W/ EXISTING
13	05 73 00 - DECORATIVE METAL RAILING TYPE B
14	10 51 13 - CORRIDOR LOCKERS (TYPE A). 15X15X36 DOUBLE STACKED TO 6 FT SLOPE TOP. 175 PER GRADE LEVEL, ON 4" BASE.
15	10 51 13 - POOL LOCKERS (TYPE B) 12X18X30 DOUBLE STACKED TO SLOPE TOP. 150 LOCKERS PER LOCKER ROOM.
16	FIXTURE REPLACEMENTS IN EXISTING LOCATIONS.
17	EXISTING COILING OVERHEAD DOOR TO REMAIN.
18	OPEN TO BELOW

FLOOR PLAN NOTES

#	Note
19	11 54 13 - KILN
20	EYE WASH/SHOWER UNIT - REFER TO P-SERIES DRAWINGS.
21	FLAMABLE STORAGE CABINET
22	14 24 00 - HYDRAULIC ELEVATOR
23	STRUCTURAL CROSS-BRACING. REFER TO S-SERIES DRAWINGS.
24	LINE OF CANOPY ABOVE.
25	08 33 23 - OVERHEAD COILING DOOR - REFERNCE DOOR SCHEDULE AND DETAILS.
26	07 71 00 - METAL DOWNSPOUT. REFER TO ROOF PLAN FOR SIZE. COORD. WITH C-SERIES DRAWINGS.
27	11 66 23 - WALL SAFETY PADS - 72" H. ALONG ENTIRE LENGTH OF WALL.
28	07 95 00 - FLOOR TO FLOOR EXPANSION COVER.
29	08 36 13 - BI-FOLD VERTICAL SECTIONAL DOOR.
30	13 15 00 - STARTING BLOCKS
31	13 15 00 - DIVING BOARD
32	10 21 23 - CUBICLE CURTAINS AND TRACK.
33	MOP SINK. REFER TO P-SERIES DRAWINGS.
34	EXISTING CARD READER TO REMAIN.
35	ANNUNCIATOR PANEL. REFERENCE E-SERIES DRAWINGS.
36	SLAT WALL ON ENTIRE WALL FACE. - COUNTER TO CEILING.
37	04 20 00 - KNOW BOX - COORD. EXACT LOCATION WITH LOCAL FIRE DEPT.
38	BULKHEAD ABOVE. REFERENEC REFLECTED CEILING PLAN.
39	07 95 00 - EXPANSION JOINT, PROVIDE EXPANSION JOINT COVERS AT ALL JOINT LOCATIONS ALONG LINE.
40	CONCRETE RAMP. REF S-SERIES DRAWINGS.
41	NEW CONCERTE SLAB. REFER TO S-SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
42	12 24 13 - MOTORIZED WINDOW SHADES

General Plan Notes

A. All dimensions shown are to face of stud or masonry, unless noted otherwise. Dimensions designated as "CLR or "clear" indicate a clear dimension from face of finish to face of finish. Dimensions of exterior walls are to outside edge of foundation.

B. Dimensions for all openings for Mechanical, Plumbing, Fire Protection and Electrical shall be fire stopped at each floor penetration.

C. Provide bracing and blocking as required in walls supporting casework, tackboards, markerboards, and restroom accessories.

D. All door frames are located 4" from adjacent wall, unless noted otherwise.

E. All exposed outside corners of CMU shall be bullnosed.

F. Seal all joints between dissimilar materials.

G. All gypsum wallboard is 5/8" Type "X", unless noted otherwise.

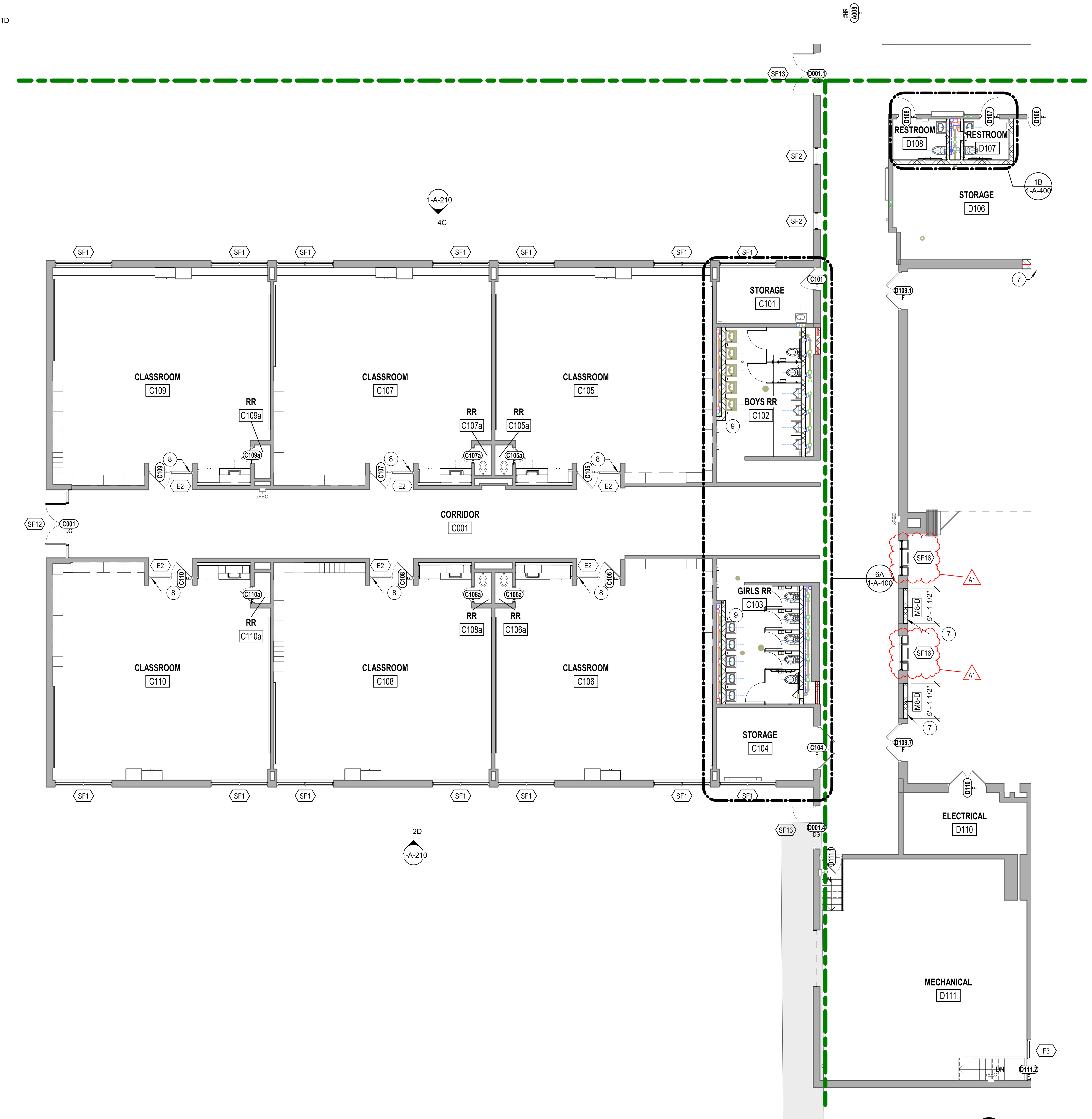
H. Where new floors meet existing floors, a smooth, straight, and flush transition shall be constructed. Verify in field existing floor elevations and conditions where a new floor shall be constructed adjacent. Trim and patch existing floor as required to achieve desired transition.

I. All exterior windows are Type "SF3", unless noted otherwise.

J. All interior walls are Type "S4-D", unless noted otherwise.

K. Base elevation is 0'-0" = 820.52' (United States Geological Survey data).

L. Hatching within walls shown in plans and sections indicates new construction.



1A E - FIRST FLOOR PLAN - UNIT C
1/8" = 1'-0"

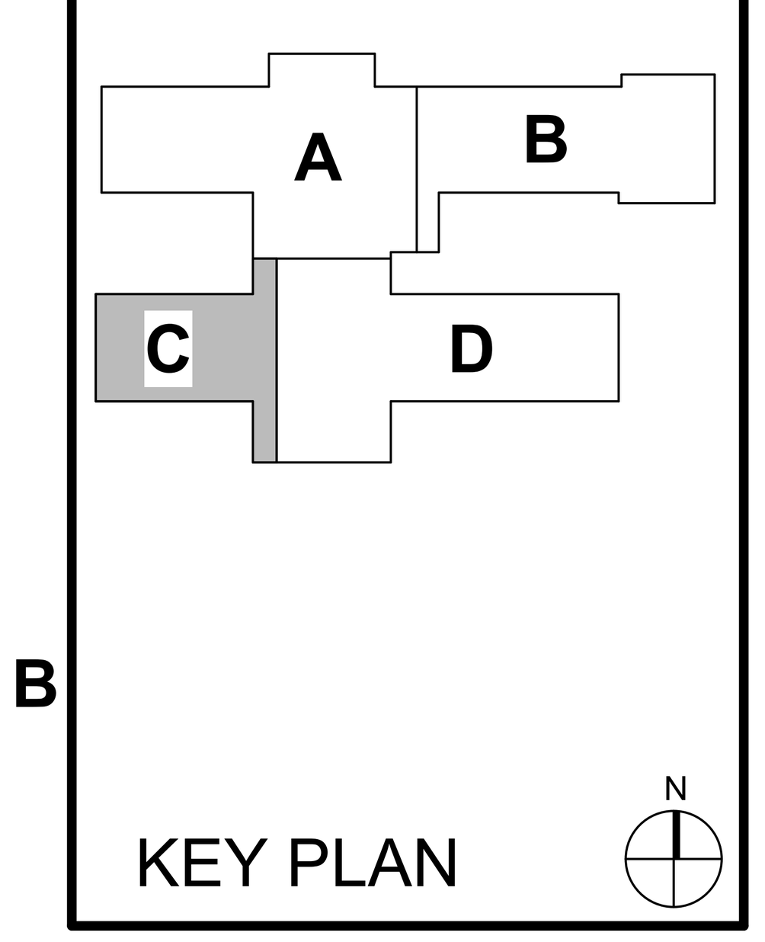
SCHMIDT ASSOCIATES
schmidt-arch.com • 317.263.6226
415 Massachusetts Ave., Indianapolis, IN 46204
731 Brent St. #203, Louisville, KY 40204

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

#	Revision	Date
A1	Addendum #1	09.15.2023

4223 W 350 N
Kokomo, IN 46901



KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN ELEMENTARY SCHOOL

FIRST FLOOR PLAN - UNIT C

1-AF1C1

FLOOR PLAN NOTES

#	Note
1	08 71 00 - ADA AUTOMATIC OPERATOR. COORDINATE LOCATION WITH ARCHITECT.
2	ACCESS CONTROL CARD READER. REFER TO T-SERIES DWGS.
3	INTERCOM - TALK/VIDEO. REFER TO T-SERIES DRAWINGS.
4	PANIC BUTTON ON MILLWORK. REFER TO T-SERIES DRAWINGS.
5	08 71 00 - LOCK/UNLOCK SWITCH FROM RECEPTION DESK FOR 3 DOORS.
6	10 14 00 - BUILDING SIGNAGE REFER TO ELEVATIONS.
7	INFILL OPENING WITH CONSTRUCTION MATCHING EXISTING ADJACENT CONSTRUCTION. AT EXTERIOR MASONRY LOCATIONS USE SALVAGED BRICK. TOOTH-IN MASONRY.
8	08 88 00 - ONE WAY GRAPHIC FILM APPLIED TO EXISTING GLASS SIDELITE.
9	03 30 00 - INFILL EXISTING SLAB WITH TOPPING MATERIAL TO LEVEL AFTER REMOVAL OF EXISTING QUARRY TILE. PREP FOR NEW FLOOR FINISH.
10	05 73 00 - DECORATIVE METAL RAILING TYPE A
11	03 30 00 - INFILL EXISTING SLAB TO LEVEL. REF. S-SERIES DRAWINGS. PREP FOR NEW FLOOR FINISH.
12	ALIGN NEW WALL W/ EXISTING
13	05 73 00 - DECORATIVE METAL RAILING TYPE B
14	10 51 13 - CORRIDOR LOCKERS (TYPE A). 15X15X36 DOUBLE STACKED TO 6 FT SLOPE TOP. 175 PER GRADE LEVEL, ON 4" BASE.
15	10 51 13 - POOL LOCKERS (TYPE B) 12X18X30 DOUBLE STACKED TO SLOPE TOP. 150 LOCKERS PER LOCKER ROOM.
16	FIXTURE REPLACEMENTS IN EXISTING LOCATIONS.
17	EXISTING COILING OVERHEAD DOOR TO REMAIN.
18	OPEN TO BELOW

FLOOR PLAN NOTES

#	Note
19	11 54 13 - KILN
20	EYE WASH/SHOWER UNIT - REFER TO P-SERIES DRAWINGS.
21	FLAMABLE STORAGE CABINET
22	14 24 00 - HYDRAULIC ELEVATOR
23	STRUCTURAL CROSS-BRACING. REFER TO S-SERIES DRAWINGS.
24	LINE OF CANOPY ABOVE.
25	08 33 23 - OVERHEAD COILING DOOR - REFERNCE DOOR SCHEDULE AND DETAILS.
26	07 71 00 - METAL DOWNSPOUT. REFER TO ROOF PLAN FOR SIZE. COORD. WITH C-SERIES DRAWINGS.
27	11 66 23 - WALL SAFETY PADS - 72" H. ALONG ENTIRE LENGTH OF WALL.
28	07 95 00 - FLOOR TO FLOOR EXPANSION COVER.
29	08 36 13 - BI-FOLD VERTICAL SECTIONAL DOOR.
30	13 15 00 - STARTING BLOCKS
31	13 15 00 - DIVING BOARD
32	10 21 23 - CUBICLE CURTAINS AND TRACK.
33	MOP SINK. REFER TO P-SERIES DRAWINGS.
34	EXISTING CARD READER TO REMAIN.
35	ANNUNCIATOR PANEL. REFERENCE E-SERIES DRAWINGS.
36	SLAT WALL ON ENTIRE WALL FACE. - COUNTER TO CEILING.
37	04 20 00 - KNOW BOX - COORD. EXACT LOCATION WITH LOCAL FIRE DEPT.
38	BULKHEAD ABOVE. REFERENEC REFLECTED CEILING PLAN.
39	07 95 00 - EXPANSION JOINT, PROVIDE EXPANSION JOINT COVERS AT ALL JOINT LOCATIONS ALONG LINE.
40	CONCRETE RAMP. REF S-SERIES DRAWINGS.
41	NEW CONCERTE SLAB. REFER TO S-SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
42	12 24 13 - MOTORIZED WINDOW SHADES

General Plan Notes

A. All dimensions shown are to face of stud or masonry, unless noted otherwise. Dimensions designated as "CLR or "clear" indicate a clear dimension from face of finish to face of finish. Dimensions of exterior walls are to outside edge of foundation.

B. Dimensions for all openings for Mechanical, Plumbing, Fire Protection and Electrical shall be fire stopped at each floor penetration.

C. Provide bracing and blocking as required in walls supporting casework, tackboards, markerboards, and restroom accessories.

D. All door frames are located 4" from adjacent wall, unless noted otherwise.

E. All exposed outside corners of CMU shall be bullnosed.

F. Seal all joints between dissimilar materials.

G. All gypsum wallboard is 5/8" Type "X", unless noted otherwise.

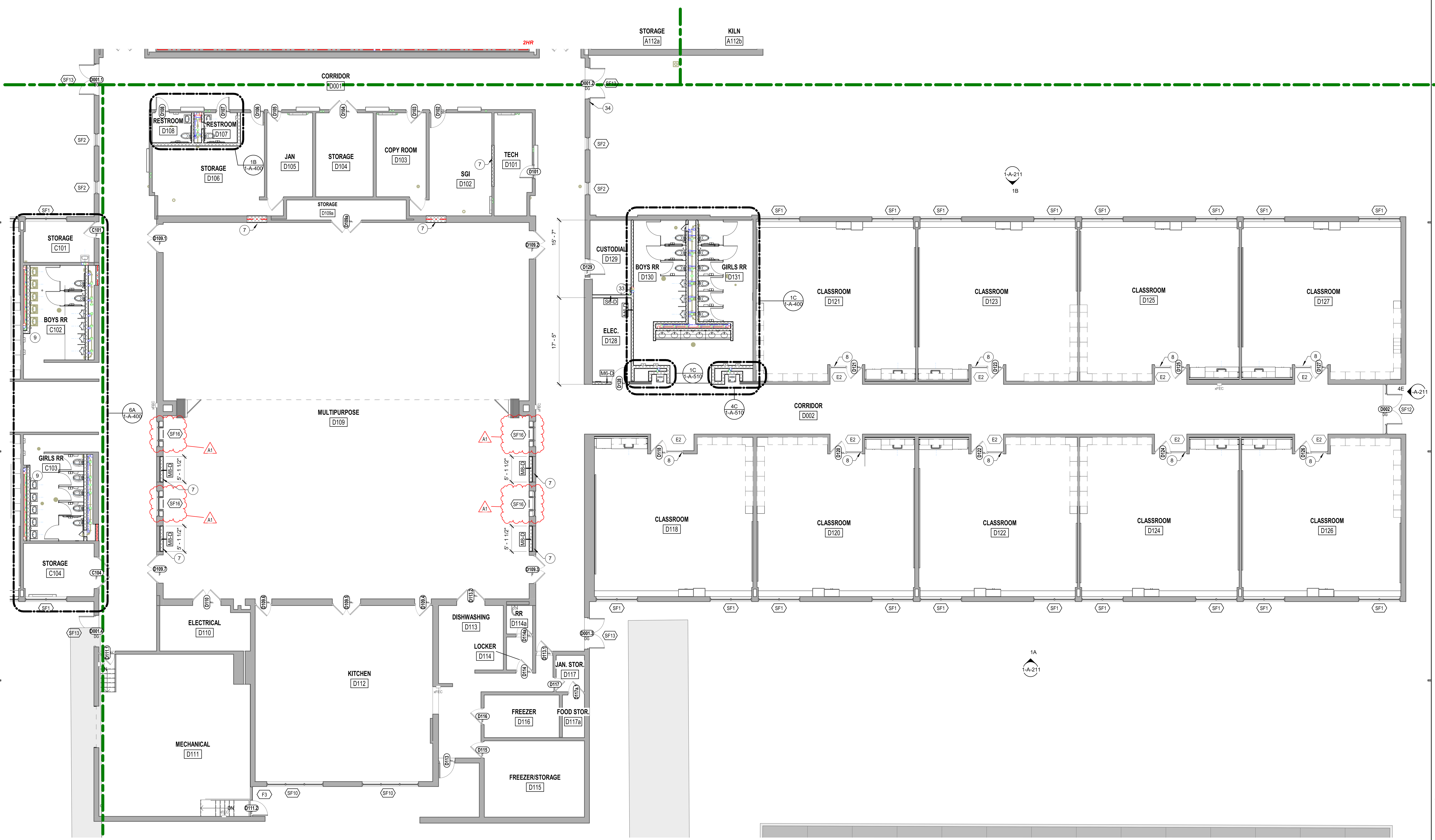
H. Where new floors meet existing floors, a smooth, straight, and flush transition shall be constructed. Verify in field existing floor elevations and conditions where a new floor shall be constructed adjacent. Trim and patch existing floor as required to achieve desired transition.

I. All exterior windows are Type "SF3", unless noted otherwise.

J. All interior walls are Type "S4-D", unless noted otherwise.

K. Base elevation is 0'-0" = 820.52' (United States Geological Survey data).

L. Hatching within walls shown in plans and sections indicates new construction.



1A E - FIRST FLOOR PLAN - UNIT D
1/8" = 1'-0"

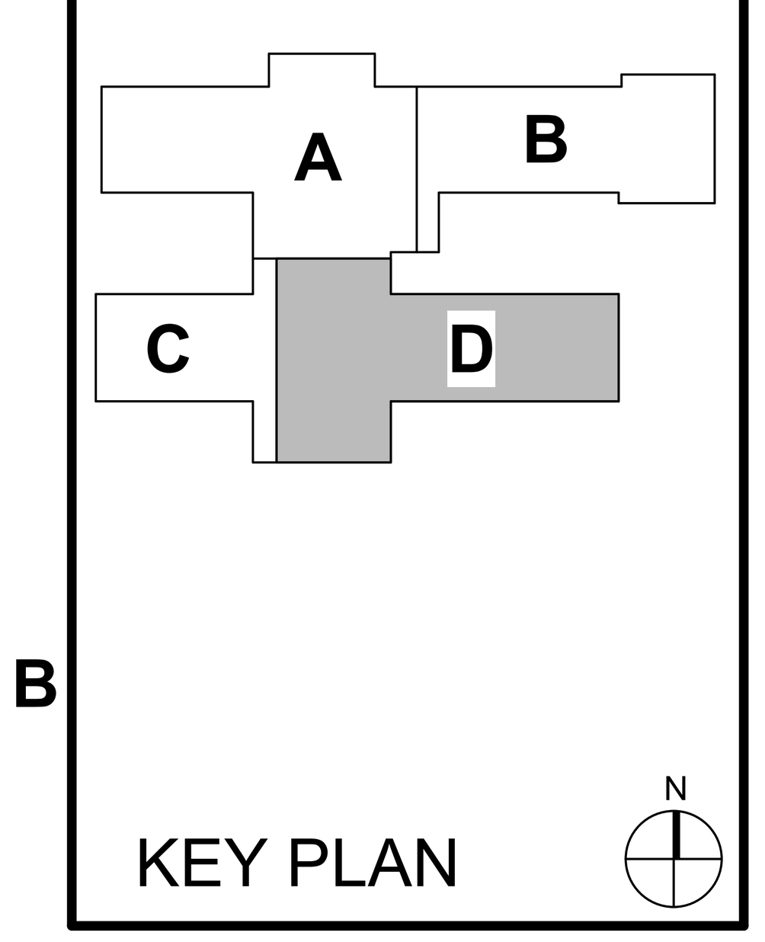
SCHMIDT ASSOCIATES
schmidt-arch.com • 317.263.6226
415 Massachusetts Ave., Indianapolis, IN 46204
731 Brent St. #203, Louisville, KY 40204

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

#	Revision	Date
A1	Addendum #1	09.15.2023

4223 W 350 N
Kokomo, IN 46901



KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN ELEMENTARY SCHOOL

FIRST FLOOR PLAN - UNIT D

1-AF1D1

GENERAL NOTES

A. This Door Schedule(s) is furnished for whatever assistance it may afford the Contractor. Do not consider it as entirely inclusive. Carefully examine the Drawings (especially the Floor Plans) and the Specifications to determine the extent of door and frame quantities required (including interior borrowed lite or sidelite openings). Should any particular door, frame, or interior borrowed lite or sidelite shown on the Drawings be inadvertently omitted from this Schedule, supply same as required for similar openings.

B. The "QTY" column designates the number of leaves in the opening. The "Door Width" column designates the total width of all leaves. In multiple leaf conditions, the leaves shall equally divide the "Door Width" unless noted otherwise; however, the active leaf shall not be less than 3'-0" wide.

C. Door Type "X" denotes a frame with no door such as a borrowed lite, reference Frame Elevations.

D. An asterisk (*) in a dimension denotes a width that varies, reference plans, elevations, details and schedules.

E. Verify locksets with the Owner during submittals.

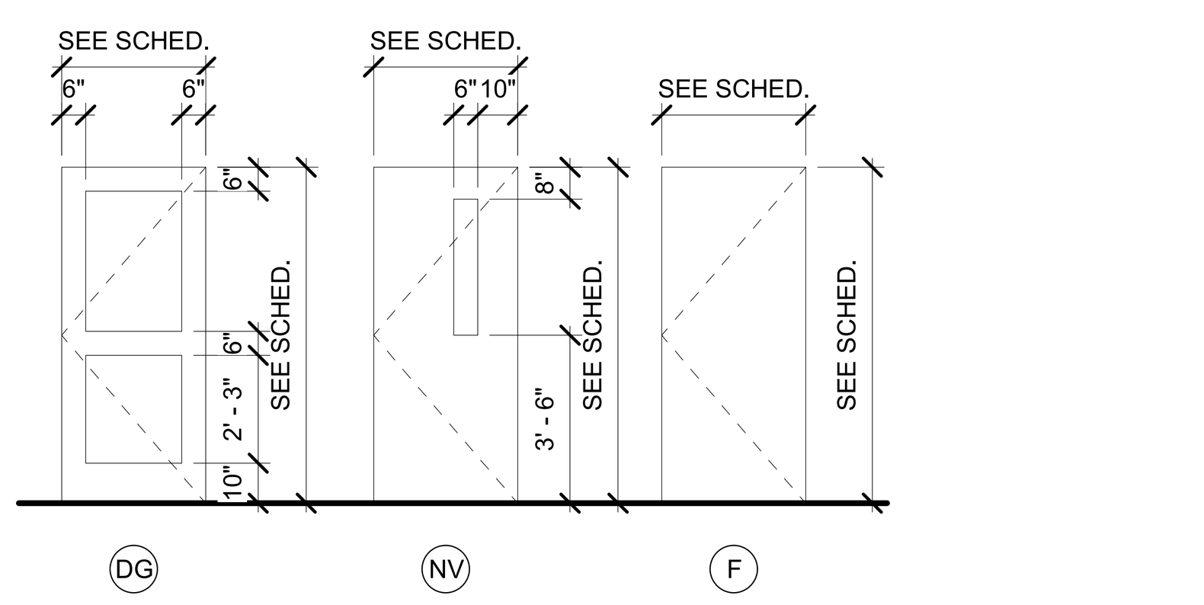
ABBREVIATIONS

AL Aluminum
HM Hollow Metal
ST Steel
WD Wood
TG Tempered Glazing
IG Insulated Glazing
LG Laminated Glazing
FG Frosted Glazing
SP Spandrel Panel

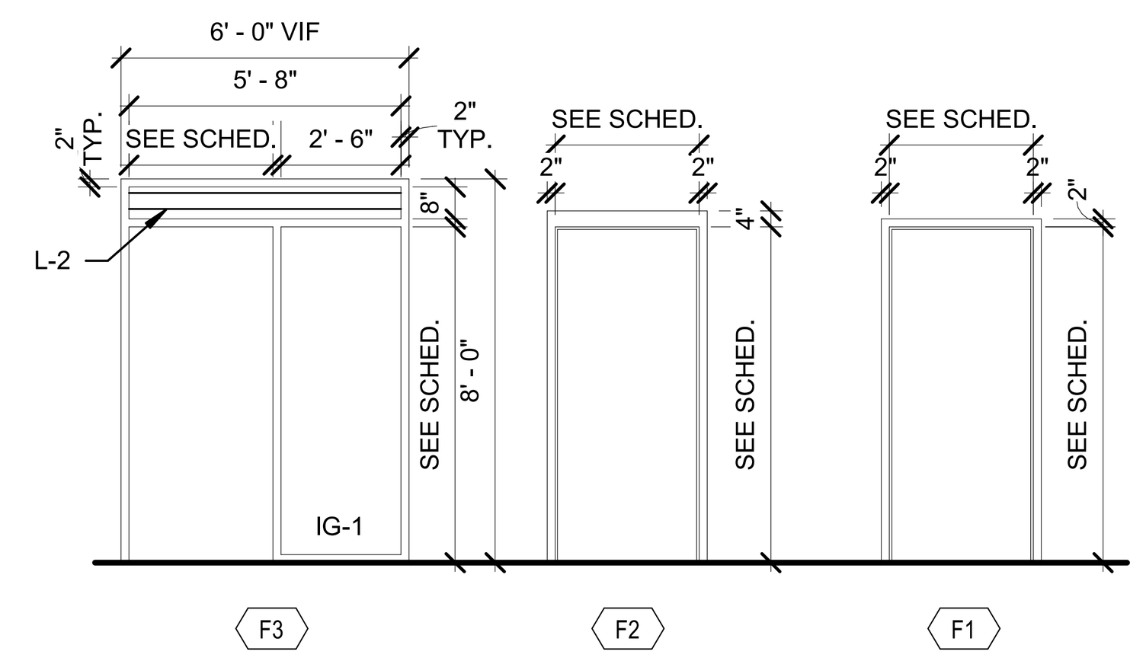
DOOR & FRAME SCHEDULE NOTES

See Door Schedule

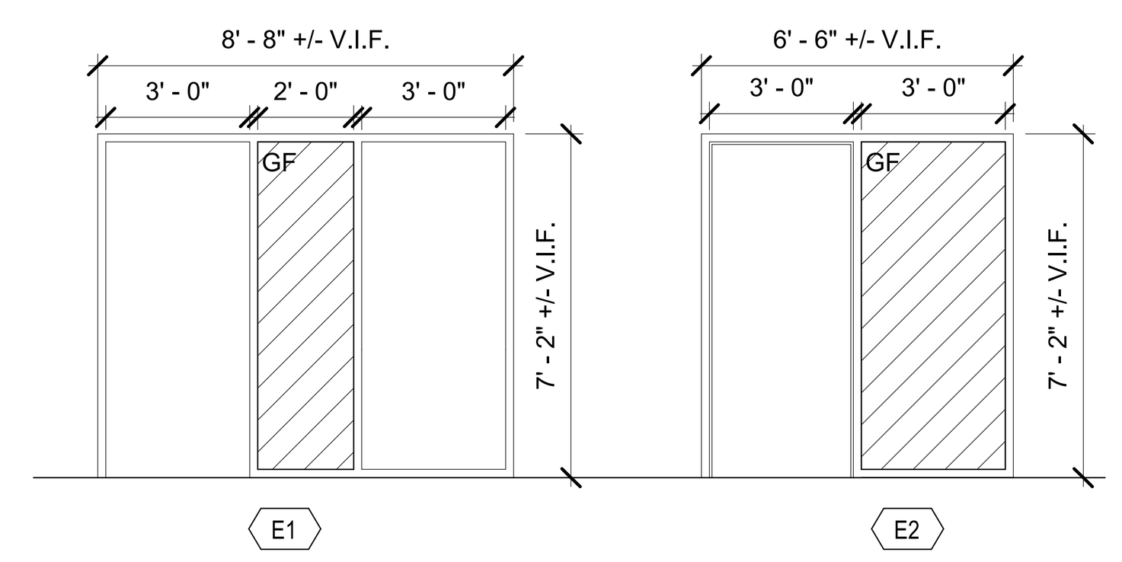
1. Existing door and frame to remain. New hardware only. Field verify all existing door and frame information as required for installation of new hardware.
2. New door/frame in existing masonry wall. Tooth in new masonry into existing as required.
3. Set door in frame to allow for 180° door swing.
4. Provide electrify door and provide card reader.



5.4.602 - DOOR PANEL ELEVATIONS
1/4" = 1'-0"



5.4.603 - FRAME ELEVATIONS-2
1/4" = 1'-0"



5.4.603 - EXISTING HM FRAMES
1/4" = 1'-0"

NEW DOOR & FRAME SCHEDULE

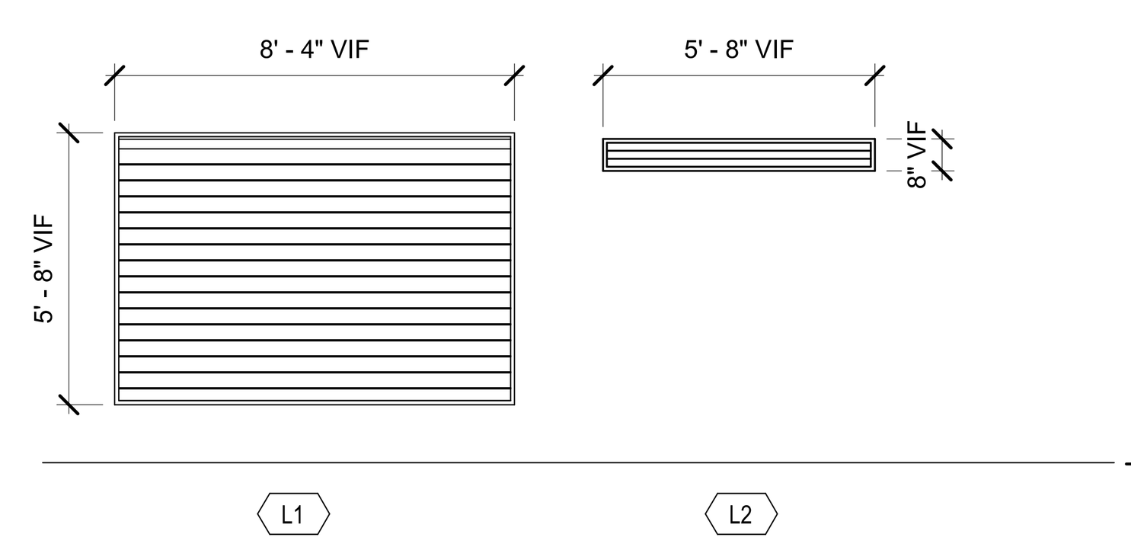
MARK	DOOR PANEL TYPE	DOOR PANEL QTY	DOOR PANEL MATL	DOOR PANEL GLAZ	SIZE H	SIZE W	SIZE TH	FRAME MARK	FRAME MATL	FRAME GLAZ	LABEL	HDWR SET	NOTES	MARK
A001.1	DG	2	AL	IG-1	7' - 0"	6' - 0"	0' - 1 3/4"	SF12	AL	IG-1			4	A001.1
A001.2	DG	2	ST	TG	7' - 0"	6' - 0"	0' - 1 3/4"	FR1	ST	TG	20 Min			A001.2
A002	NV	1	WD	TG	6' - 8"	3' - 0"	0' - 1 3/4"	F1	HM	--	20 Min		4	A002
A002a	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A002a
A003.1	DG	2	AL	IG-1	7' - 0"	6' - 0"	0' - 1 3/4"	SF12	AL	IG-1				A003.1
A003.2	DG	2	AL	TG	7' - 0"	6' - 0"	0' - 1 3/4"	SF12	AL	TG				A003.2
A007	DG	2	AL	IG-1	7' - 0"	6' - 0"	0' - 1 3/4"	SF12	AL	IG-1				A007
A101.1	DG	1	ST	TG	7' - 0"	3' - 0"	0' - 1 3/4"	FR2	ST	TG	20 Min			A101.1
A101.2	DG	2	ST	TG	7' - 0"	6' - 0"	0' - 1 3/4"	FR1	ST	TG	20 Min			A101.2
A101.3	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--			4	A101.3
A102	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--				A102
A103	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--				A103
A104	NV	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--				A104
A104.1	F	1	WD	--	6' - 8"	3' - 0"	0' - 1 3/4"	F2	HM	--				A104.1
A105	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--				A105
A105a	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A105a
A106	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--				A106
A106a	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A106a
A106b	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--				A106b
A107.1	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--	20 Min		4	A107.1
A107.2	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--				A107.2
A108	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--				A108
A109	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--	20 Min			A109
A110	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--	20 Min			A110
A111a	F	1	WD	--	6' - 8"	3' - 0"	0' - 1 3/4"	F2	HM	--	20 Min			A111a
A111b	F	1	WD	--	6' - 8"	3' - 0"	0' - 1 3/4"	F2	HM	--	20 Min			A111b
B003.1	DG	2	AL	IG-1	7' - 0"	6' - 0"	0' - 1 3/4"	SF14	AL	IG-1			4	B003.1
B003.2	DG	2	AL	IG-1	7' - 0"	6' - 0"	0' - 1 3/4"	SF15	AL	IG-1			4	B003.2
C001	DG	2	AL	IG-1	7' - 0"	6' - 0"	0' - 1 3/4"	SF12	AL	IG-1				C001
D001.1	DG	2	AL	IG-1	7' - 0"	6' - 0"	0' - 1 3/4"	SF13	AL	IG-1				D001.1
D001.2	DG	2	AL	IG-1	7' - 0"	6' - 0"	0' - 1 3/4"	SF13	AL	IG-1				D001.2
D001.3	DG	2	AL	IG-1	7' - 0"	6' - 0"	0' - 1 3/4"	SF13	AL	IG-1				D001.3
D001.4	DG	2	AL	IG-1	7' - 0"	6' - 0"	0' - 1 3/4"	SF13	AL	IG-1				D001.4
D002	DG	2	AL	IG-1	7' - 0"	6' - 0"	0' - 1 3/4"	SF12	AL	IG-1				D002
D101	F	1	WD	--	7' - 0"	2' - 6"	0' - 1 3/4"	F1	HM	--				D101
D102	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--				D102
D106	F	1	WD	--	7' - 0"	2' - 6"	0' - 1 3/4"	F1	HM	--				D106
D107	F	1	WD	--	7' - 0"	2' - 6"	0' - 1 3/4"	F1	HM	--				D107
D108	F	1	WD	--	7' - 0"	2' - 6"	0' - 1 3/4"	F1	HM	--				D108
D111.2	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F3	HM	IG-1				D111.2
D113	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F2	HM	--				D113
D128	F	1	WD	--	6' - 8"	3' - 0"	0' - 1 3/4"	F2	HM	--				D128
D129	F	1	WD	--	6' - 8"	3' - 0"	0' - 1 3/4"	F2	HM	--				D129

A1

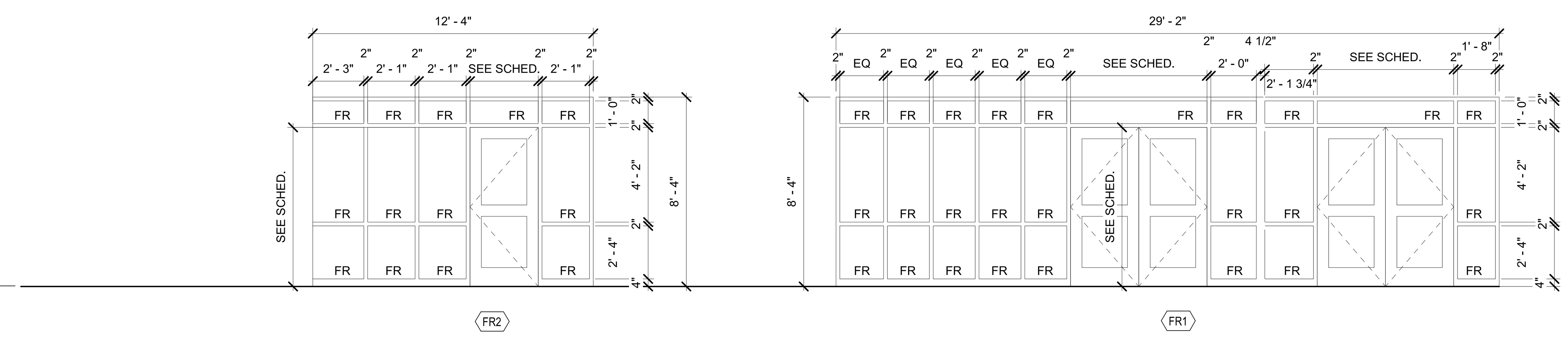
GLAZING SCHEDULE

REFERENCE SPECIFICATION SECTION 088000 - GLAZING

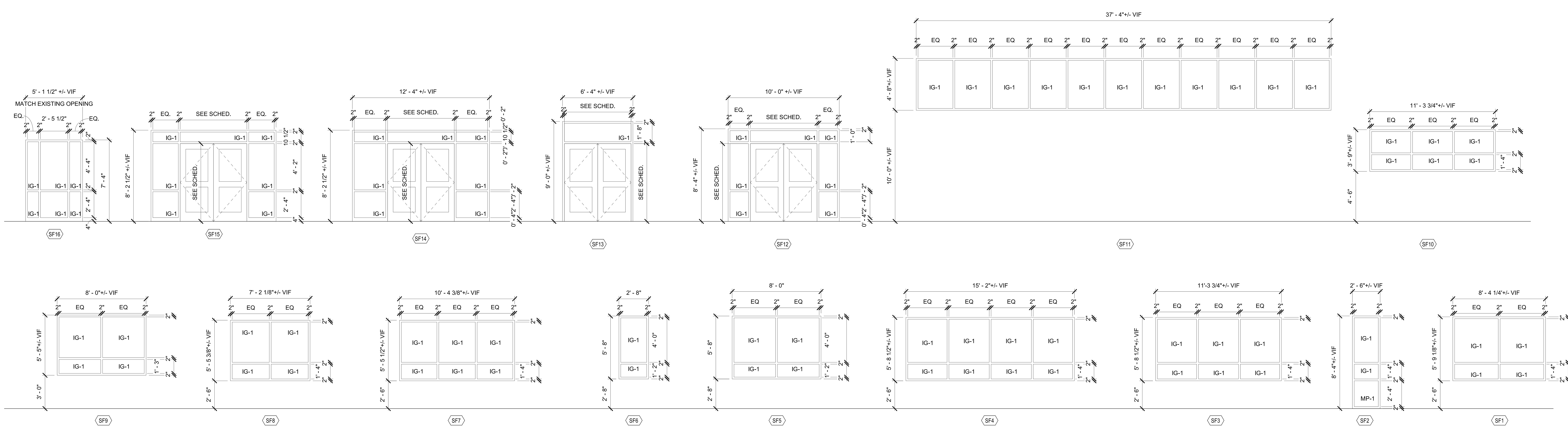
IG-1	-	1" REFLECTIVE COATED, TINTED INSULATING VISION GLASS
TG	-	1/4" CLEAR TEMPERED GLAZING
IG-2	-	1" CERAMIC-COATED AND REFLECTIVE-COATED, TINTED INSULATING,FRITTED VISION GLASS.
MP-1	-	INSULATED METAL PANEL
FR	-	08 88 13 - 45 MINUTE FIRE RATED GLASS
SP	-	1" CERAMIC COATED VISION GLASS
GF	-	08 88 00 - ONE WAY GRAPHIC FILM



5.4.603 - LOUVER ELEVATION
1/4" = 1'-0"



5.4.603 - FIRE RATED FRAME ELEVATIONS
1/4" = 1'-0"



ALL INTERIOR GLASS TO BE TYPE FR - 45 MINUTE FIRE RATED GLASS

5.4.603 - STOREFRONT ELEVATIONS
1/4" = 1'-0"

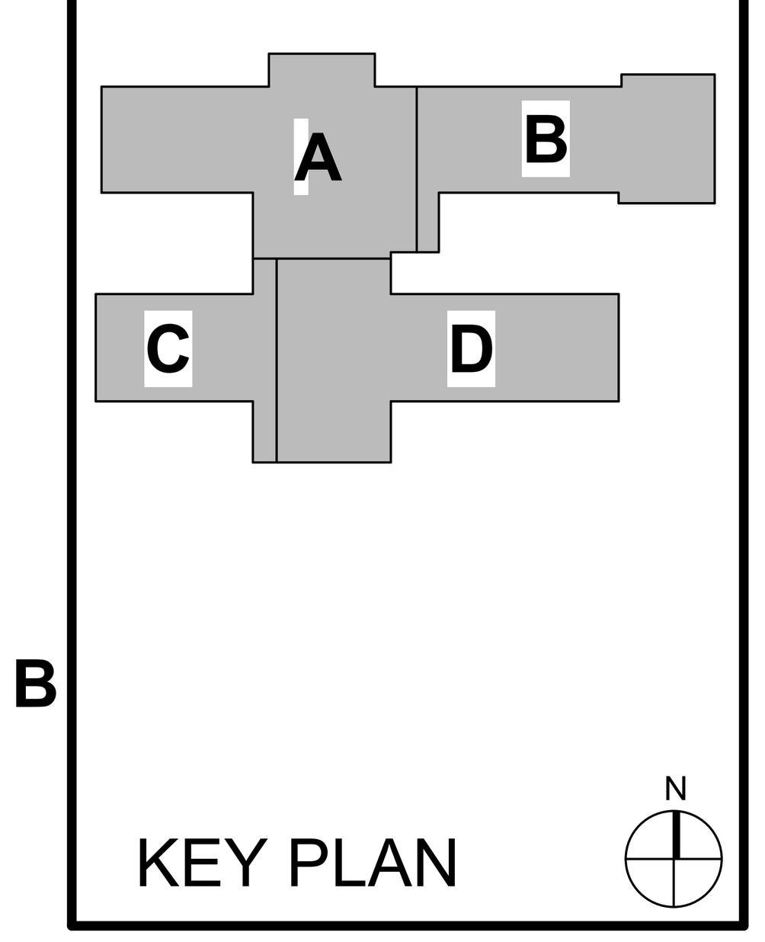
SCHMIDT ASSOCIATES
schmidt-arch.com • 317.263.6226
415 Massachusetts Ave., Indianapolis, IN 46204
731 Brent St. #203, Louisville, KY 40204

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

#	Revision	Date
A1	Addendum #1	09.15.2023

4223 W 350 N
Kokomo, IN 46901



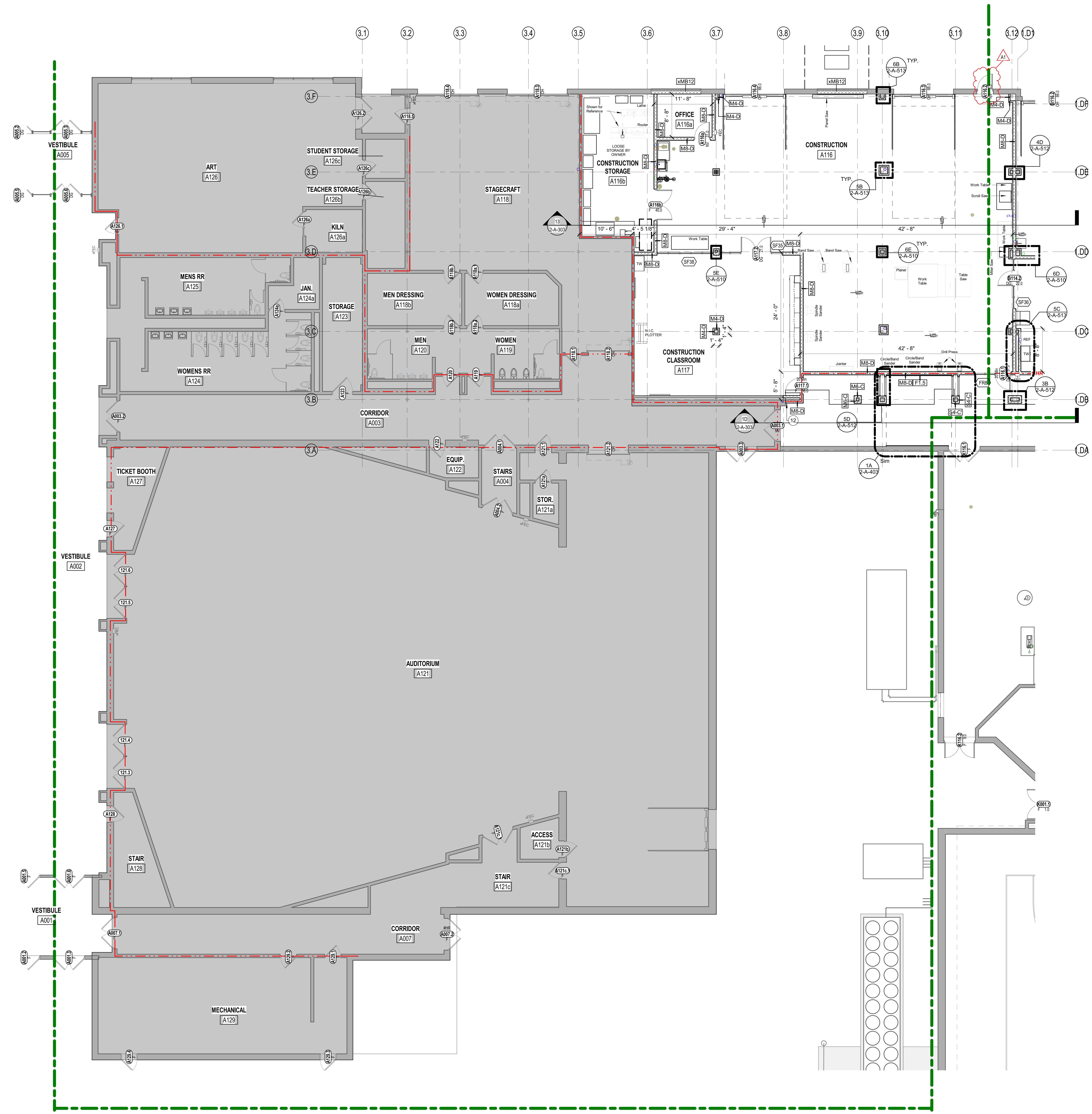
KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN ELEMENTARY SCHOOL

DOOR & FRAME SCHEDULE

1-A-600



1A H - FIRST FLOOR PLAN - UNIT A
1/8" = 1'-0"

General Plan Notes

A. All dimensions shown are to face of stud or masonry, unless noted otherwise. Dimensions designated as "CLR or "clear" indicate a clear dimension from face of finish to face of finish. Dimensions of exterior walls are to outside edge of foundation.

B. Dimensions for all openings for Mechanical, Plumbing, Fire Protection and Electrical shall be fire stopped at each floor penetration.

C. Provide bracing and blocking as required in walls supporting casework, tackboards, markerboards, and restroom accessories.

D. All door frames are located 4" from adjacent wall, unless noted otherwise.

E. All exposed outside corners of CMU shall be bullnosed.

F. Seal all joints between dissimilar materials.

G. All gypsum wallboard is 5/8" Type "X", unless noted otherwise.

H. Where new floors meet existing floors, a smooth, straight, and flush transition shall be constructed. Verify in field existing floor elevations and conditions where a new floor shall be constructed adjacent. Trim and patch existing floor as required to achieve desired transition.

I. All exterior windows are Type "SF3", unless noted otherwise.

J. All interior walls are Type "S4-D", unless noted otherwise.

K. Base elevation is 0'-0" = 820.52' (United States Geological Survey data).

L. Hatching within walls shown in plans and sections indicates new construction.

FLOOR PLAN NOTES

#	Note
1	08 71 00 - ADA AUTOMATIC OPERATOR. COORDINATE LOCATION WITH ARCHITECT.
2	ACCESS CONTROL CARD READER. REFER TO T-SERIES DWGS.
3	INTERCOM - TALK/VIDEO. REFER TO T-SERIES DRAWINGS.
4	PANIC BUTTON ON MILLWORK. REFER TO T-SERIES DRAWINGS.
5	08 71 00 - LOCK/UNLOCK SWITCH FROM RECEPTION DESK FOR 3 DOORS.
6	10 14 00 - BUILDING SIGNAGE REFER TO ELEVATIONS.
7	INFILL OPENING WITH CONSTRUCTION MATCHING EXISTING ADJACENT CONSTRUCTION. AT EXTERIOR MASONRY LOCATIONS USE SALVAGED BRICK. TOOTH-IN MASONRY.
8	08 88 00 - ONE WAY GRAPHIC FILM APPLIED TO EXISTING GLASS SIDELITE.
9	03 30 00 - INFILL EXISTING SLAB WITH TOPPING MATERIAL TO LEVEL AFTER REMOVAL OF EXISTING QUARRY TILE. PREP FOR NEW FLOOR FINISH.
10	05 73 00 - DECORATIVE METAL RAILING TYPE A
11	03 30 00 - INFILL EXISTING SLAB TO LEVEL. REF. S-SERIES DRAWINGS. PREP FOR NEW FLOOR FINISH.
12	ALIGN NEW WALL W/ EXISTING
13	05 73 00 - DECORATIVE METAL RAILING TYPE B
14	10 51 13 - CORRIDOR LOCKERS (TYPE A). 15X15X36 DOUBLE STACKED TO 6 FT SLOPE TOP. 175 PER GRADE LEVEL, ON 4" BASE.
15	10 51 13 - POOL LOCKERS (TYPE B) 12X18X30 DOUBLE STACKED TO SLOPE TOP. 150 LOCKERS PER LOCKER ROOM.
16	FIXTURE REPLACEMENTS IN EXISTING LOCATIONS.
17	EXISTING COILING OVERHEAD DOOR TO REMAIN.
18	OPEN TO BELOW
19	11 54 13 - KILN
20	EYE WASH/SHOWER UNIT - REFER TO P-SERIES DRAWINGS.
21	FLAMABLE STORAGE CABINET
22	14 24 00 - HYDRAULIC ELEVATOR
23	STRUCTURAL CROSS-BRACING. REFER TO S-SERIES DRAWINGS.
24	LINE OF CANOPY ABOVE.
25	08 33 23 - OVERHEAD COILING DOOR - REFERNCE DOOR SCHEDULE AND DETAILS.
26	07 71 00 - METAL DOWNSPOUT. REFER TO ROOF PLAN FOR SIZE. COORD. WITH C-SERIES DRAWINGS.
27	11 66 23 - WALL SAFETY PADS - 72" H. ALONG ENTIRE LENGTH OF WALL.
28	07 95 00 - FLOOR TO FLOOR EXPANSION COVER.
29	08 36 13 - BI-FOLD VERTICAL SECTIONAL DOOR.
30	13 15 00 - STARTING BLOCKS
31	13 15 00 - DIVING BOARD
32	10 21 23 - CUBICLE CURTAINS AND TRACK.
33	MOP SINK. REFER TO P-SERIES DRAWINGS.
34	EXISTING CARD READER TO REMAIN.
35	ANNUNCIATOR PANEL. REFERENCE E-SERIES DRAWINGS.
36	SLAT WALL ON ENTIRE WALL FACE. - COUNTER TO CEILING.
37	04 20 00 - KNOW BOX - COORD. EXACT LOCATION WITH LOCAL FIRE DEPT.
38	BULKHEAD ABOVE. REFERENEC REFLECTED CEILING PLAN.
39	07 95 00 - EXPANSION JOINT, PROVIDE EXPANSION JOINT COVERS AT ALL JOINT LOCATIONS ALONG LINE.
40	CONCRETE RAMP. REF S-SERIES DRAWINGS.
41	NEW CONCERTE SLAB. REFER TO S-SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
42	12 24 13 - MOTORIZED WINDOW SHADES

SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

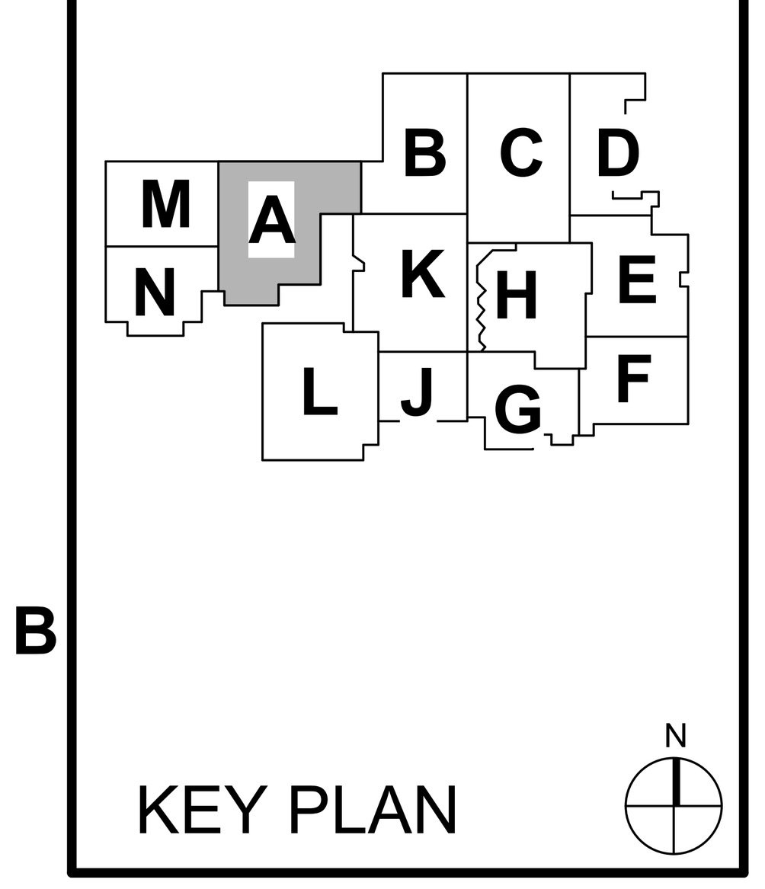
Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

Sarah K Hempstead

#	Revision	Date
A1	Addendum #1	09.15.2023

3431 N 400 W
Kokomo IN , 46901



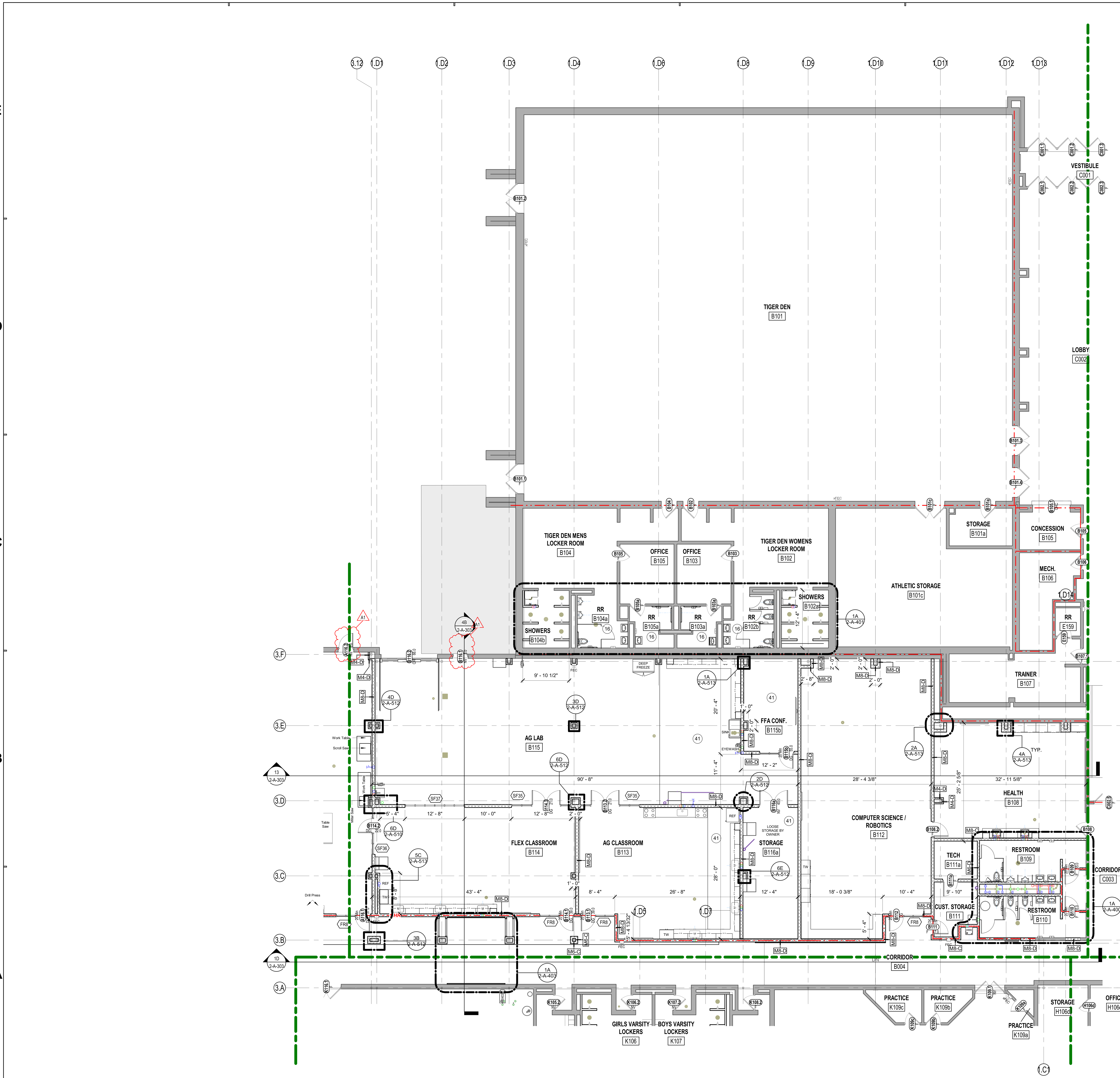
KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN HIGH SCHOOL / MIDDLE SCHOOL

FIRST FLOOR PLAN - UNIT A

2-AF1A1



General Plan Notes

A. All dimensions shown are to face of stud or masonry, unless noted otherwise. Dimensions designated as "CLR or "clear" indicate a clear dimension from face of finish to face of finish. Dimensions of exterior walls are to outside edge of foundation.

B. Dimensions for all openings for Mechanical, Plumbing, Fire Protection and Electrical shall be fire stopped at each floor penetration.

C. Provide bracing and blocking as required in walls supporting casework, tackboards, markerboards, and restroom accessories.

D. All door frames are located 4" from adjacent wall, unless noted otherwise.

E. All exposed outside corners of CMU shall be bullnosed.

F. Seal all joints between dissimilar materials.

G. All gypsum wallboard is 5/8" Type "X", unless noted otherwise.

H. Where new floors meet existing floors, a smooth, straight, and flush transition shall be constructed. Verify in field existing floor elevations and conditions where a new floor shall be constructed adjacent. Trim and patch existing floor as required to achieve desired transition.

I. All exterior windows are Type "SF3", unless noted otherwise.

J. All interior walls are Type "S4-D", unless noted otherwise.

K. Base elevation is 0'-0" = 820.52' (United States Geological Survey data).

L. Hatching within walls shown in plans and sections indicates new construction.

FLOOR PLAN NOTES

#	Note
1	08 71 00 - ADA AUTOMATIC OPERATOR. COORDINATE LOCATION WITH ARCHITECT.
2	ACCESS CONTROL CARD READER. REFER TO T-SERIES DWGS.
3	INTERCOM - TALK/VIDEO. REFER TO T-SERIES DRAWINGS.
4	PANIC BUTTON ON MILLWORK. REFER TO T-SERIES DRAWINGS.
5	08 71 00 - LOCK/UNLOCK SWITCH FROM RECEPTION DESK FOR 3 DOORS.
6	10 14 00 - BUILDING SIGNAGE REFER TO ELEVATIONS.
7	INFILL OPENING WITH CONSTRUCTION MATCHING EXISTING ADJACENT CONSTRUCTION. AT EXTERIOR MASONRY LOCATIONS USE SALVAGED BRICK. TOOTH-IN MASONRY.
8	08 88 00 - ONE WAY GRAPHIC FILM APPLIED TO EXISTING GLASS SIDELITE.
9	03 30 00 - INFILL EXISTING SLAB WITH TOPPING MATERIAL TO LEVEL AFTER REMOVAL OF EXISTING QUARRY TILE. PREP FOR NEW FLOOR FINISH.
10	05 73 00 - DECORATIVE METAL RAILING TYPE A
11	03 30 00 - INFILL EXISTING SLAB TO LEVEL. REF. S-SERIES DRAWINGS. PREP FOR NEW FLOOR FINISH.
12	ALIGN NEW WALL W/ EXISTING
13	05 73 00 - DECORATIVE METAL RAILING TYPE B
14	10 51 13 - CORRIDOR LOCKERS (TYPE A). 15X15X36 DOUBLE STACKED TO 6 FT SLOPE TOP. 175 PER GRADE LEVEL, ON 4" BASE.
15	10 51 13 - POOL LOCKERS (TYPE B) 12X18X30 DOUBLE STACKED TO SLOPE TOP. 150 LOCKERS PER LOCKER ROOM.
16	FIXTURE REPLACEMENTS IN EXISTING LOCATIONS.
17	EXISTING COILING OVERHEAD DOOR TO REMAIN.
18	OPEN TO BELOW
19	11 54 13 - KILN
20	EYE WASH/SHOWER UNIT - REFER TO P-SERIES DRAWINGS.
21	FLAMABLE STORAGE CABINET
22	14 24 00 - HYDRAULIC ELEVATOR
23	STRUCTURAL CROSS-BRACING. REFER TO S-SERIES DRAWINGS.
24	LINE OF CANOPY ABOVE.
25	08 33 23 - OVERHEAD COILING DOOR - REFERNCE DOOR SCHEDULE AND DETAILS.
26	07 71 00 - METAL DOWNSPOUT. REFER TO ROOF PLAN FOR SIZE. COORD. WITH C-SERIES DRAWINGS.
27	11 66 23 - WALL SAFETY PADS - 72" H. ALONG ENTIRE LENGTH OF WALL.
28	07 95 00 - FLOOR TO FLOOR EXPANSION COVER.
29	08 36 13 - BI-FOLD VERTICAL SECTIONAL DOOR.
30	13 15 00 - STARTING BLOCKS
31	13 15 00 - DIVING BOARD
32	10 21 23 - CUBICLE CURTAINS AND TRACK.
33	MOP SINK. REFER TO P-SERIES DRAWINGS.
34	EXISTING CARD READER TO REMAIN.
35	ANNUNCIATOR PANEL. REFERENCE E-SERIES DRAWINGS.
36	SLAT WALL ON ENTIRE WALL FACE. - COUNTER TO CEILING.
37	04 20 00 - KNOW BOX - COORD. EXACT LOCATION WITH LOCAL FIRE DEPT.
38	BULKHEAD ABOVE. REFERENEC REFLECTED CEILING PLAN.
39	07 95 00 - EXPANSION JOINT, PROVIDE EXPANSION JOINT COVERS AT ALL JOINT LOCATIONS ALONG LINE.
40	CONCRETE RAMP. REF S-SERIES DRAWINGS.
41	NEW CONCERTE SLAB. REFER TO S-SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
42	12 24 13 - MOTORIZED WINDOW SHADES

SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD
REGISTERED
NO. AR10400134
STATE OF INDIANA
ARCHITECT

#	Revision	Date
A1	Addendum #1	09.15.2023

3431 N 400 W
Kokomo IN , 46901

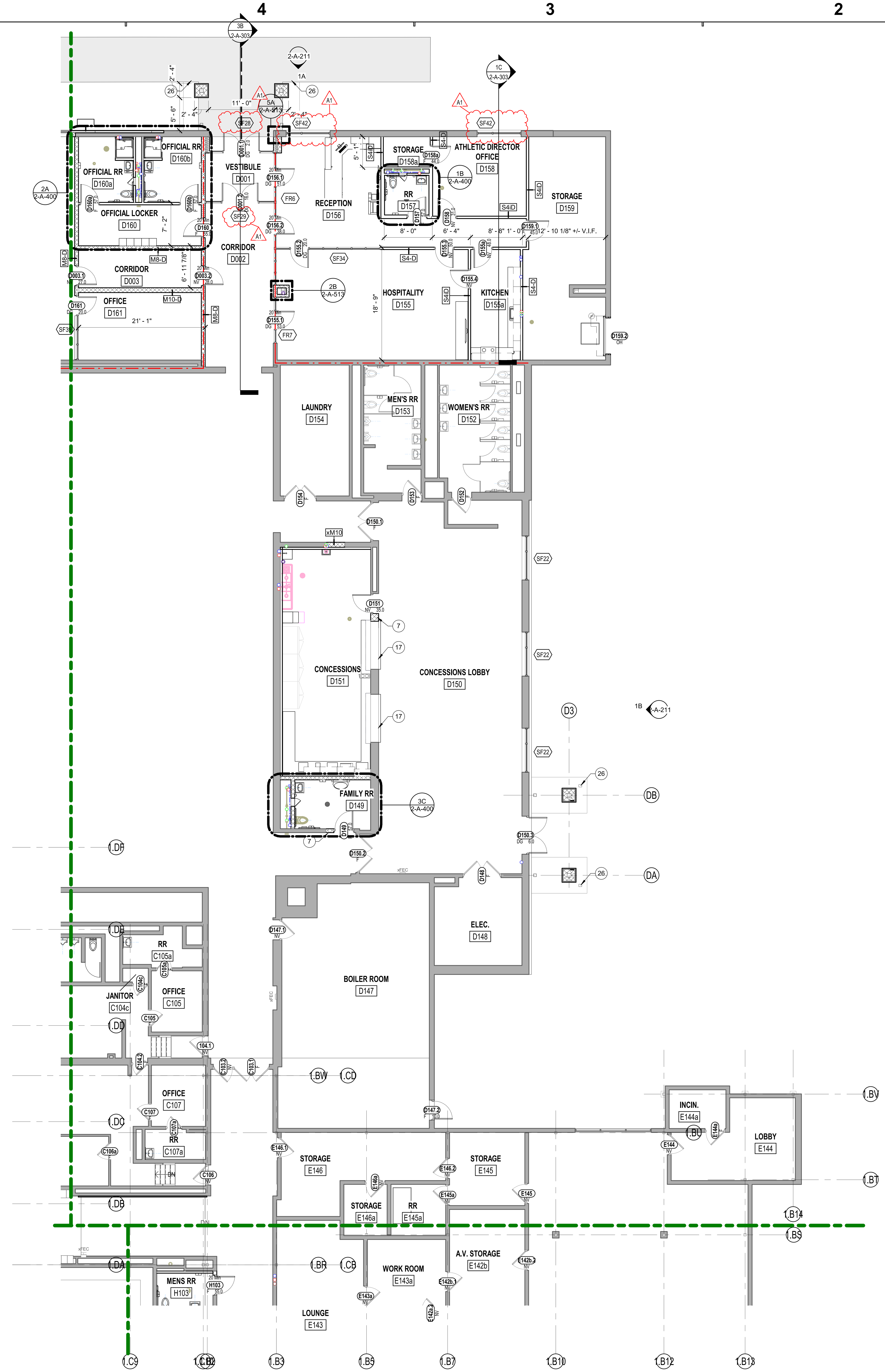
KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN HIGH SCHOOL / MIDDLE SCHOOL

FIRST FLOOR PLAN - UNIT B

2-AF1B1



1A H - FIRST FLOOR PLAN - UNIT D
1/8" = 1'-0"

General Plan Notes

A. All dimensions shown are to face of stud or masonry, unless noted otherwise. Dimensions designated as "CLR or "clear" indicate a clear dimension from face of finish to face of finish. Dimensions of exterior walls are to outside edge of foundation.

B. Dimensions for all openings for Mechanical, Plumbing, Fire Protection and Electrical shall be fire stopped at each floor penetration.

C. Provide bracing and blocking as required in walls supporting casework, tackboards, markerboards, and restroom accessories.

D. All door frames are located 4" from adjacent wall, unless noted otherwise.

E. All exposed outside corners of CMU shall be bullnosed.

F. Seal all joints between dissimilar materials.

G. All gypsum wallboard is 5/8" Type "X", unless noted otherwise.

H. Where new floors meet existing floors, a smooth, straight, and flush transition shall be constructed. Verify in field existing floor elevations and conditions where a new floor shall be constructed adjacent. Trim and patch existing floor as required to achieve desired transition.

I. All exterior windows are Type "SF3", unless noted otherwise.

J. All interior walls are Type "S4-D", unless noted otherwise.

K. Base elevation is 0'-0" = 820.52' (United States Geological Survey data).

L. Hatching within walls shown in plans and sections indicates new construction.

FLOOR PLAN NOTES

#	Note
1	08 71 00 - ADA AUTOMATIC OPERATOR. COORDINATE LOCATION WITH ARCHITECT.
2	ACCESS CONTROL CARD READER. REFER TO T-SERIES DWGS.
3	INTERCOM - TALK/VIDEO. REFER TO T-SERIES DRAWINGS.
4	PANIC BUTTON ON MILLWORK. REFER TO T-SERIES DRAWINGS.
5	08 71 00 - LOCK/UNLOCK SWITCH FROM RECEPTION DESK FOR 3 DOORS.
6	10 14 00 - BUILDING SIGNAGE REFER TO ELEVATIONS.
7	INFILL OPENING WITH CONSTRUCTION MATCHING EXISTING ADJACENT CONSTRUCTION. AT EXTERIOR MASONRY LOCATIONS USE SALVAGED BRICK. TOOTH-IN MASONRY.
8	08 88 00 - ONE WAY GRAPHIC FILM APPLIED TO EXISTING GLASS SIDELITE.
9	03 30 00 - INFILL EXISTING SLAB WITH TOPPING MATERIAL TO LEVEL AFTER REMOVAL OF EXISTING QUARRY TILE. PREP FOR NEW FLOOR FINISH.
10	05 73 00 - DECORATIVE METAL RAILING TYPE A
11	03 30 00 - INFILL EXISTING SLAB TO LEVEL. REF. S-SERIES DRAWINGS. PREP FOR NEW FLOOR FINISH.
12	ALIGN NEW WALL W/ EXISTING
13	05 73 00 - DECORATIVE METAL RAILING TYPE B
14	10 51 13 - CORRIDOR LOCKERS (TYPE A). 15X15X36 DOUBLE STACKED TO 6 FT SLOPE TOP. 175 PER GRADE LEVEL, ON 4" BASE.
15	10 51 13 - POOL LOCKERS (TYPE B) 12X18X30 DOUBLE STACKED TO SLOPE TOP. 150 LOCKERS PER LOCKER ROOM.
16	FIXTURE REPLACEMENTS IN EXISTING LOCATIONS.
17	EXISTING COILING OVERHEAD DOOR TO REMAIN.
18	OPEN TO BELOW
19	11 54 13 - KILN
20	EYE WASH/SHOWER UNIT - REFER TO P-SERIES DRAWINGS.
21	FLAMABLE STORAGE CABINET
22	14 24 00 - HYDRAULIC ELEVATOR
23	STRUCTURAL CROSS-BRACING. REFER TO S-SERIES DRAWINGS.
24	LINE OF CANOPY ABOVE.
25	08 33 23 - OVERHEAD COILING DOOR - REFERNCE DOOR SCHEDULE AND DETAILS.
26	07 71 00 - METAL DOWNSPOUT. REFER TO ROOF PLAN FOR SIZE. COORD. WITH C-SERIES DRAWINGS.
27	11 66 23 - WALL SAFETY PADS - 72" H. ALONG ENTIRE LENGTH OF WALL.
28	07 95 00 - FLOOR TO FLOOR EXPANSION COVER.
29	08 36 13 - BI-FOLD VERTICAL SECTIONAL DOOR.
30	13 15 00 - STARTING BLOCKS
31	13 15 00 - DIVING BOARD
32	10 21 23 - CUBICLE CURTAINS AND TRACK.
33	MOP SINK. REFER TO P-SERIES DRAWINGS.
34	EXISTING CARD READER TO REMAIN.
35	ANNUNCIATOR PANEL. REFERENCE E-SERIES DRAWINGS.
36	SLAT WALL ON ENTIRE WALL FACE. - COUNTER TO CEILING.
37	04 20 00 - KNOW BOX - COORD. EXACT LOCATION WITH LOCAL FIRE DEPT.
38	BULKHEAD ABOVE. REFERENEC REFLECTED CEILING PLAN.
39	07 95 00 - EXPANSION JOINT, PROVIDE EXPANSION JOINT COVERS AT ALL JOINT LOCATIONS ALONG LINE.
40	CONCRETE RAMP. REF S-SERIES DRAWINGS.
41	NEW CONCERTE SLAB. REFER TO S-SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
42	12 24 13 - MOTORIZED WINDOW SHADES

SCHMIDT
ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

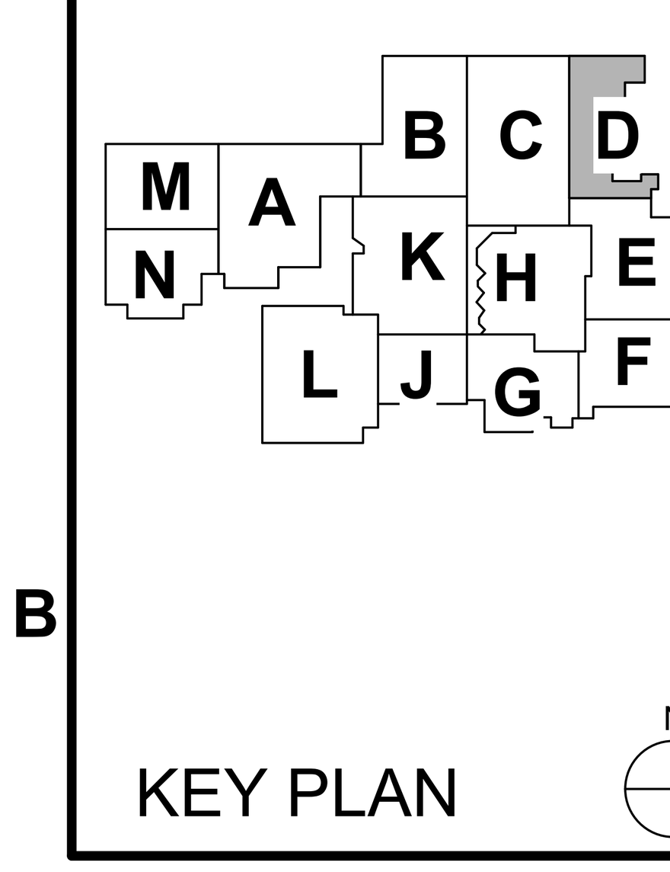
Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

Sarah K Hempstead

#	Revision	Date
A1	Addendum #1	09.15.2023

3431 N 400 W
Kokomo IN , 46901



KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN HIGH SCHOOL / MIDDLE SCHOOL

FIRST FLOOR PLAN - UNIT D

2-AF1D1

General Plan Notes

A. All dimensions shown are to face of stud or masonry, unless noted otherwise. Dimensions designated as "CLR or "clear" indicate a clear dimension from face of finish to face of finish. Dimensions of exterior walls are to outside edge of foundation.

B. Dimensions for all openings for Mechanical, Plumbing, Fire Protection and Electrical shall be fire stopped at each floor penetration.

C. Provide bracing and blocking as required in walls supporting casework, tackboards, markerboards, and restroom accessories.

D. All door frames are located 4" from adjacent wall, unless noted otherwise.

E. All exposed outside corners of CMU shall be bullnosed.

F. Seal all joints between dissimilar materials.

G. All gypsum wallboard is 5/8" Type "X", unless noted otherwise.

H. Where new floors meet existing floors, a smooth, straight, and flush transition shall be constructed. Verify in field existing floor elevations and conditions where a new floor shall be constructed adjacent. Trim and patch existing floor as required to achieve desired transition.

I. All exterior windows are Type "SF3", unless noted otherwise.

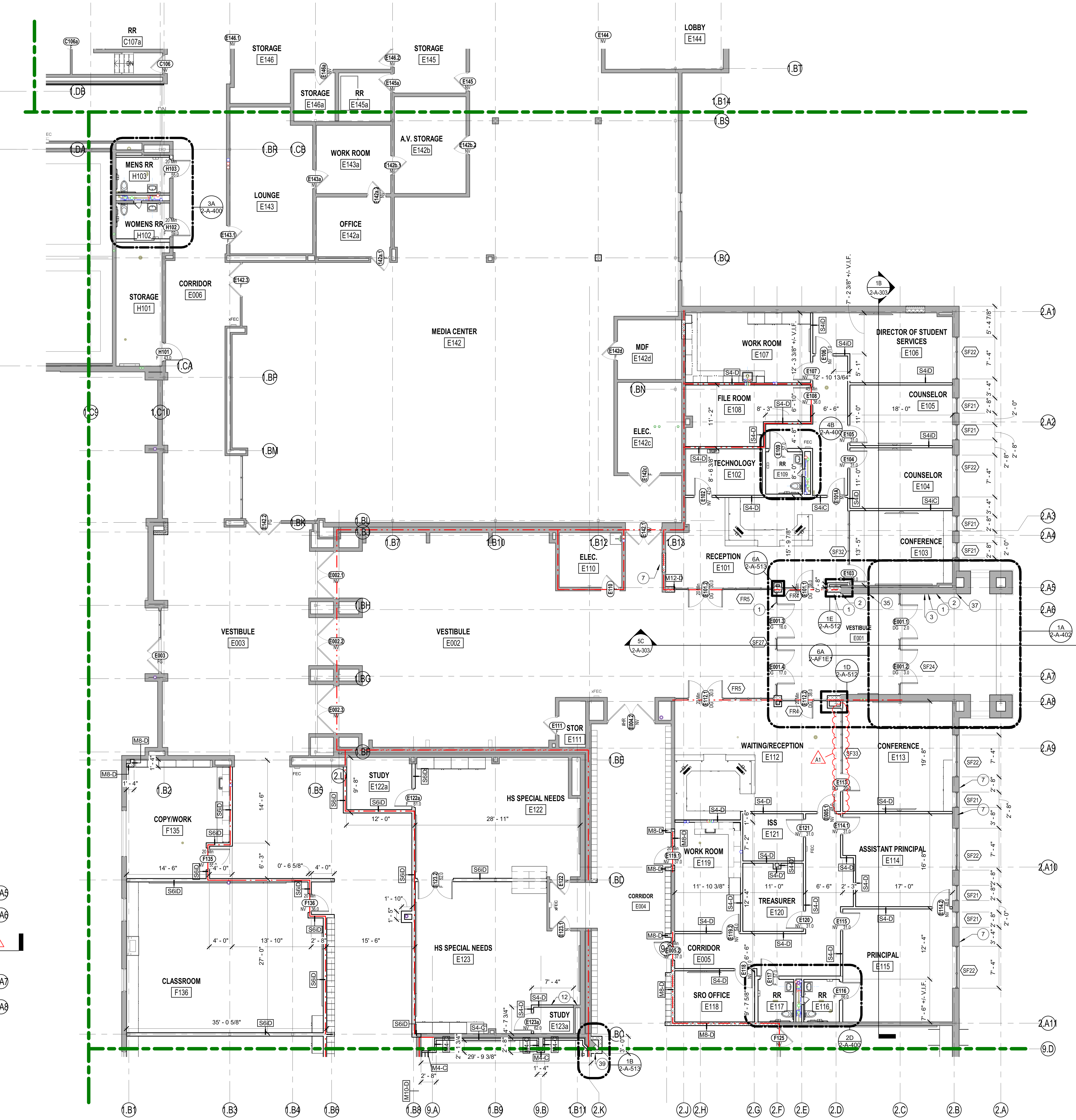
J. All interior walls are Type "S4-D", unless noted otherwise.

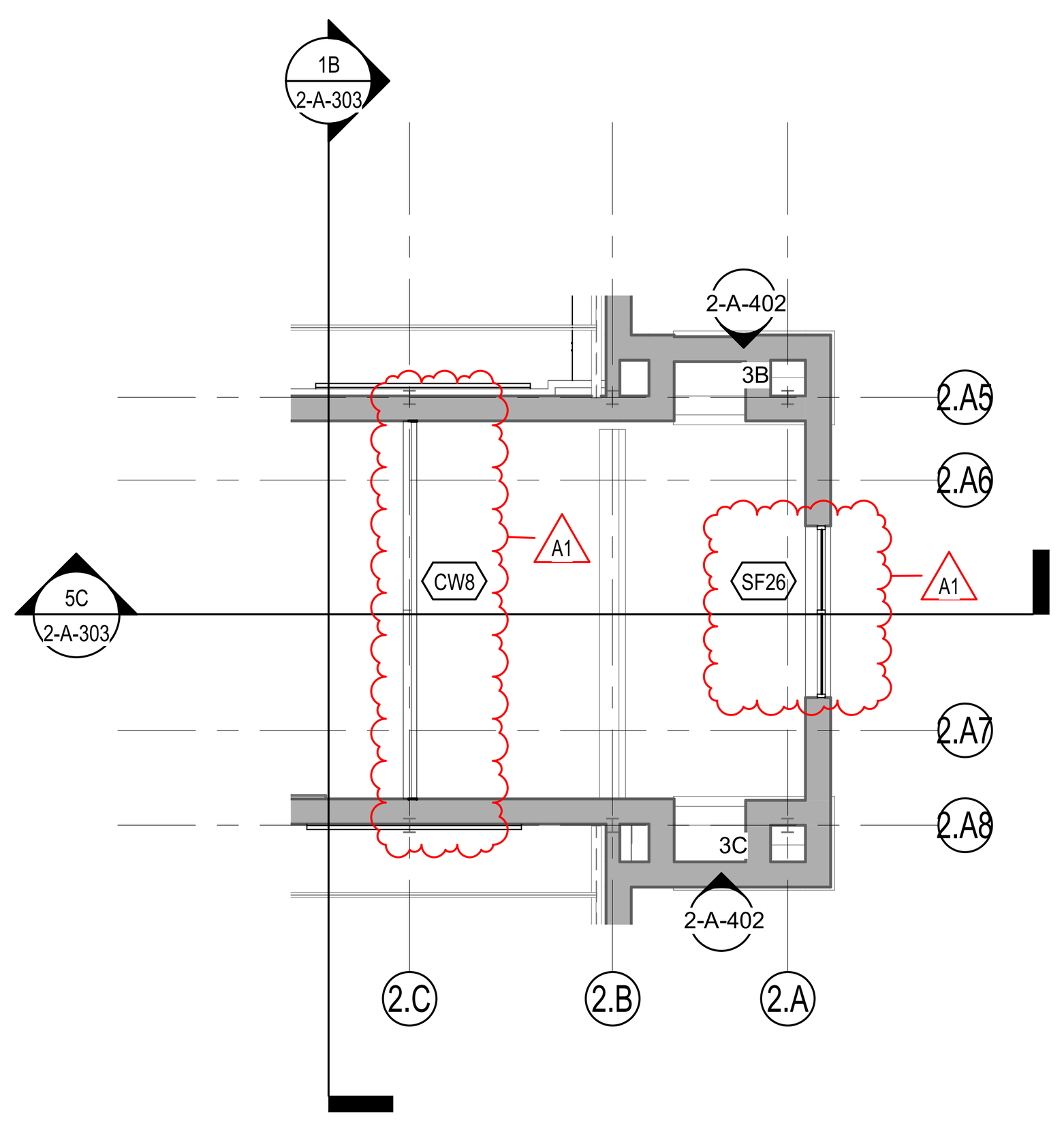
K. Base elevation is 0'-0" = 820.52' (United States Geological Survey data).

L. Hatching within walls shown in plans and sections indicates new construction.

FLOOR PLAN NOTES

#	Note
1	08 71 00 - ADA AUTOMATIC OPERATOR. COORDINATE LOCATION WITH ARCHITECT.
2	ACCESS CONTROL CARD READER. REFER TO T-SERIES DWGS.
3	INTERCOM - TALK/VIDEO. REFER TO T-SERIES DRAWINGS.
4	PANIC BUTTON ON MILLWORK. REFER TO T-SERIES DRAWINGS.
5	08 71 00 - LOCK/UNLOCK SWITCH FROM RECEPTION DESK FOR 3 DOORS.
6	10 14 00 - BUILDING SIGNAGE REFER TO ELEVATIONS.
7	INFILL OPENING WITH CONSTRUCTION MATCHING EXISTING ADJACENT CONSTRUCTION. AT EXTERIOR MASONRY LOCATIONS USE SALVAGED BRICK. TOOTH-IN MASONRY.
8	08 88 00 - ONE WAY GRAPHIC FILM APPLIED TO EXISTING GLASS SIDELITE.
9	03 30 00 - INFILL EXISTING SLAB WITH TOPPING MATERIAL TO LEVEL AFTER REMOVAL OF EXISTING QUARRY TILE. PREP FOR NEW FLOOR FINISH.
10	05 73 00 - DECORATIVE METAL RAILING TYPE A
11	03 30 00 - INFILL EXISTING SLAB TO LEVEL. REF. S-SERIES DRAWINGS. PREP FOR NEW FLOOR FINISH.
12	ALIGN NEW WALL W/ EXISTING
13	05 73 00 - DECORATIVE METAL RAILING TYPE B
14	10 51 13 - CORRIDOR LOCKERS (TYPE A). 15X15X36 DOUBLE STACKED TO 6 FT SLOPE TOP. 175 PER GRADE LEVEL, ON 4" BASE.
15	10 51 13 - POOL LOCKERS (TYPE B) 12X18X30 DOUBLE STACKED TO SLOPE TOP. 150 LOCKERS PER LOCKER ROOM.
16	FIXTURE REPLACEMENTS IN EXISTING LOCATIONS.
17	EXISTING COILING OVERHEAD DOOR TO REMAIN.
18	OPEN TO BELOW
19	11 54 13 - KILN
20	EYE WASH/SHOWER UNIT - REFER TO P-SERIES DRAWINGS.
21	FLAMABLE STORAGE CABINET
22	14 24 00 - HYDRAULIC ELEVATOR
23	STRUCTURAL CROSS-BRACING. REFER TO S-SERIES DRAWINGS.
24	LINE OF CANOPY ABOVE.
25	08 33 23 - OVERHEAD COILING DOOR - REFERNCE DOOR SCHEDULE AND DETAILS.
26	07 71 00 - METAL DOWNSPOUT. REFER TO ROOF PLAN FOR SIZE. COORD. WITH C-SERIES DRAWINGS.
27	11 66 23 - WALL SAFETY PADS - 72" H. ALONG ENTIRE LENGTH OF WALL.
28	07 95 00 - FLOOR TO FLOOR EXPANSION COVER.
29	08 36 13 - BI-FOLD VERTICAL SECTIONAL DOOR.
30	13 15 00 - STARTING BLOCKS
31	13 15 00 - DIVING BOARD
32	10 21 23 - CUBICLE CURTAINS AND TRACK.
33	MOP SINK. REFER TO P-SERIES DRAWINGS.
34	EXISTING CARD READER TO REMAIN.
35	ANNUNCIATOR PANEL. REFERENCE E-SERIES DRAWINGS.
36	SLAT WALL ON ENTIRE WALL FACE. - COUNTER TO CEILING.
37	04 20 00 - KNOW BOX - COORD. EXACT LOCATION WITH LOCAL FIRE DEPT.
38	BULKHEAD ABOVE. REFERENEC REFLECTED CEILING PLAN.
39	07 95 00 - EXPANSION JOINT, PROVIDE EXPANSION JOINT COVERS AT ALL JOINT LOCATIONS ALONG LINE.
40	CONCRETE RAMP. REF S-SERIES DRAWINGS.
41	NEW CONCERTE SLAB. REFER TO S-SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
42	12 24 13 - MOTORIZED WINDOW SHADES





6A HIGH SCHOOL ENTRY ENLARGED CLERESTORY PLAN
1/8" = 1'-0"

5A H - FIRST FLOOR PLAN - UNIT E
1/8" = 1'-0"

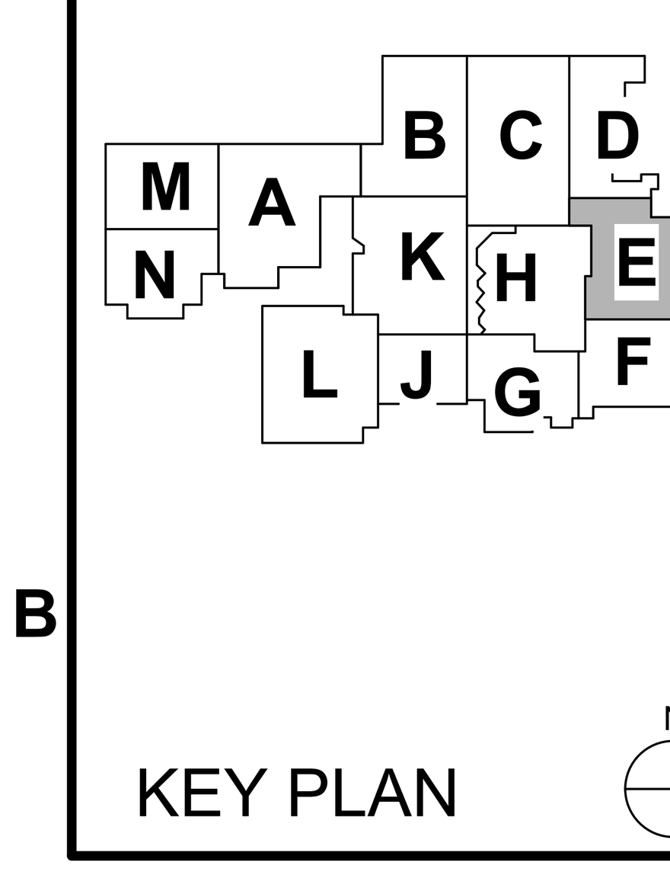
SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD
REGISTERED ARCHITECT
NO. AR10400134
STATE OF INDIANA

#	Revision	Date
A1	Addendum #1	09.15.2023

3431 N 400 W
Kokomo IN , 46901



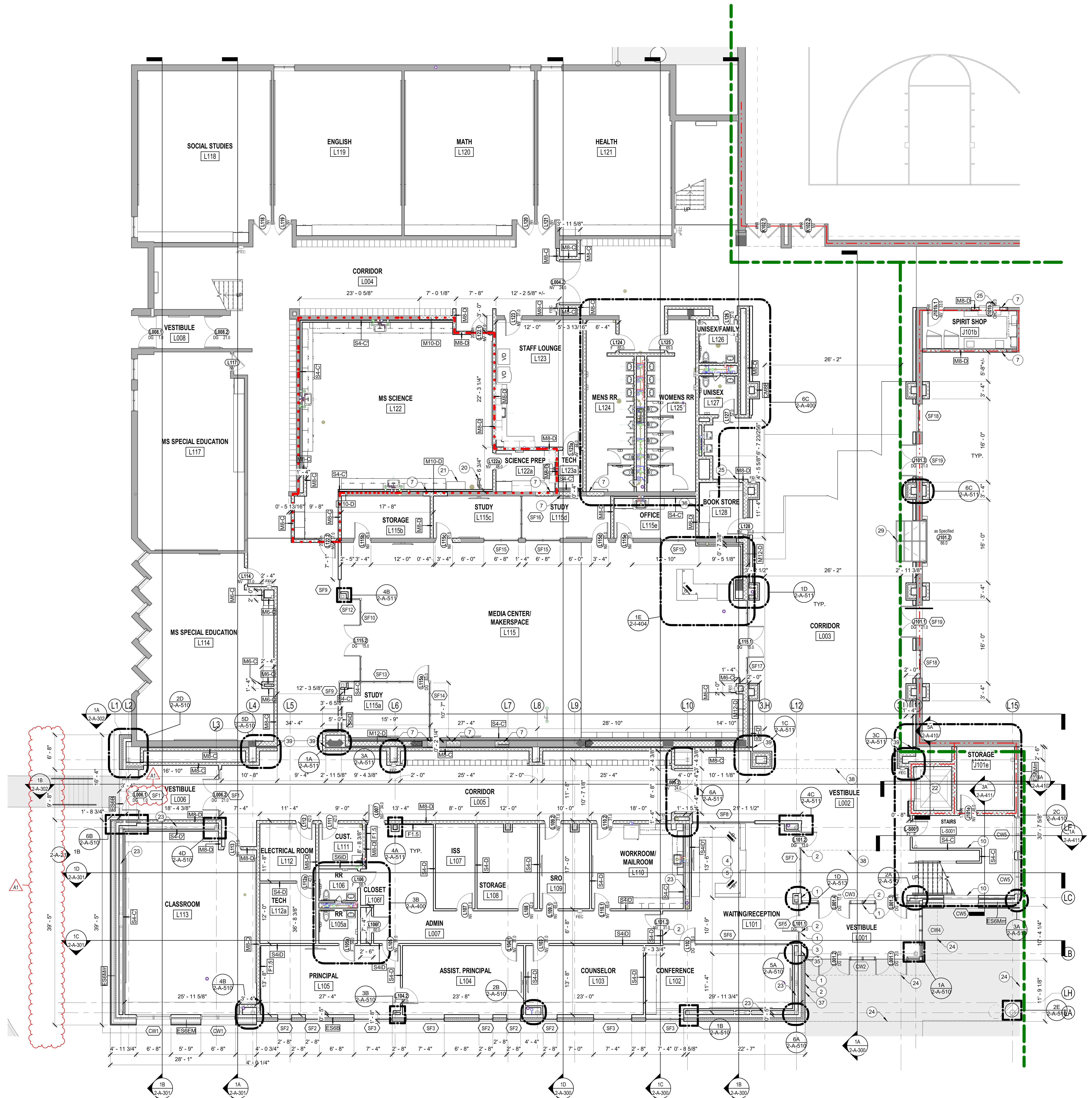
KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN HIGH SCHOOL / MIDDLE SCHOOL

FIRST FLOOR PLAN - UNIT E

2-AF1E1



General Plan Notes

A. All dimensions shown are to face of stud or masonry, unless noted otherwise. Dimensions designated as "CLR or "clear" indicate a clear dimension from face of finish to face of finish. Dimensions of exterior walls are to outside edge of foundation.

B. Dimensions for all openings for Mechanical, Plumbing, Fire Protection and Electrical shall be fire stopped at each floor penetration.

C. Provide bracing and blocking as required in walls supporting casework, tackboards, markerboards, and restroom accessories.

D. All door frames are located 4" from adjacent wall, unless noted otherwise.

E. All exposed outside corners of CMU shall be bullnosed.

F. Seal all joints between dissimilar materials.

G. All gypsum wallboard is 5/8" Type "X", unless noted otherwise.

H. Where new floors meet existing floors, a smooth, straight, and flush transition shall be constructed. Verify in field existing floor elevations and conditions where a new floor shall be constructed adjacent. Trim and patch existing floor as required to achieve desired transition.

I. All exterior windows are Type "SF3", unless noted otherwise.

J. All interior walls are Type "S4-D", unless noted otherwise.

K. Base elevation is 0'-0" = 820.52' (United States Geological Survey data).

L. Hatching within walls shown in plans and sections indicates new construction.

FLOOR PLAN NOTES

#	Note
1	08 71 00 - ADA AUTOMATIC OPERATOR. COORDINATE LOCATION WITH ARCHITECT.
2	ACCESS CONTROL CARD READER. REFER TO T-SERIES DWGS.
3	INTERCOM - TALK/VIDEO. REFER TO T-SERIES DRAWINGS.
4	PANIC BUTTON ON MILLWORK. REFER TO T-SERIES DRAWINGS.
5	08 71 00 - LOCK/UNLOCK SWITCH FROM RECEPTION DESK FOR 3 DOORS.
6	10 14 00 - BUILDING SIGNAGE REFER TO ELEVATIONS.
7	INFILL OPENING WITH CONSTRUCTION MATCHING EXISTING ADJACENT CONSTRUCTION. AT EXTERIOR MASONRY LOCATIONS USE SALVAGED BRICK. TOOTH-IN MASONRY.
8	08 88 00 - ONE WAY GRAPHIC FILM APPLIED TO EXISTING GLASS SIDELITE.
9	03 30 00 - INFILL EXISTING SLAB WITH TOPPING MATERIAL TO LEVEL AFTER REMOVAL OF EXISTING QUARRY TILE. PREP FOR NEW FLOOR FINISH.
10	05 73 00 - DECORATIVE METAL RAILING TYPE A
11	03 30 00 - INFILL EXISTING SLAB TO LEVEL. REF. S-SERIES DRAWINGS. PREP FOR NEW FLOOR FINISH.
12	ALIGN NEW WALL W/ EXISTING
13	05 73 00 - DECORATIVE METAL RAILING TYPE B
14	10 51 13 - CORRIDOR LOCKERS (TYPE A). 15X15X36 DOUBLE STACKED TO 6 FT SLOPE TOP. 175 PER GRADE LEVEL, ON 4" BASE.
15	10 51 13 - POOL LOCKERS (TYPE B) 12X18X30 DOUBLE STACKED TO SLOPE TOP. 150 LOCKERS PER LOCKER ROOM.
16	FIXTURE REPLACEMENTS IN EXISTING LOCATIONS.
17	EXISTING COILING OVERHEAD DOOR TO REMAIN.
18	OPEN TO BELOW
19	11 54 13 - KILN
20	EYE WASH/SHOWER UNIT - REFER TO P-SERIES DRAWINGS.
21	FLAMABLE STORAGE CABINET
22	14 24 00 - HYDRAULIC ELEVATOR
23	STRUCTURAL CROSS-BRACING. REFER TO S-SERIES DRAWINGS.
24	LINE OF CANOPY ABOVE.
25	08 33 23 - OVERHEAD COILING DOOR - REFERNCE DOOR SCHEDULE AND DETAILS.
26	07 71 00 - METAL DOWNSPOUT. REFER TO ROOF PLAN FOR SIZE. COORD. WITH C-SERIES DRAWINGS.
27	11 66 23 - WALL SAFETY PADS - 72" H. ALONG ENTIRE LENGTH OF WALL.
28	07 95 00 - FLOOR TO FLOOR EXPANSION COVER.
29	08 36 13 - BI-FOLD VERTICAL SECTIONAL DOOR.
30	13 15 00 - STARTING BLOCKS
31	13 15 00 - DIVING BOARD
32	10 21 23 - CUBICLE CURTAINS AND TRACK.
33	MOP SINK. REFER TO P-SERIES DRAWINGS.
34	EXISTING CARD READER TO REMAIN.
35	ANNUNCIATOR PANEL. REFERENCE E-SERIES DRAWINGS.
36	SLAT WALL ON ENTIRE WALL FACE. - COUNTER TO CEILING.
37	04 20 00 - KNOW BOX - COORD. EXACT LOCATION WITH LOCAL FIRE DEPT.
38	BULKHEAD ABOVE. REFERENEC REFLECTED CEILING PLAN.
39	07 95 00 - EXPANSION JOINT, PROVIDE EXPANSION JOINT COVERS AT ALL JOINT LOCATIONS ALONG LINE.
40	CONCRETE RAMP. REF S-SERIES DRAWINGS.
41	NEW CONCERTE SLAB. REFER TO S-SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
42	12 24 13 - MOTORIZED WINDOW SHADES

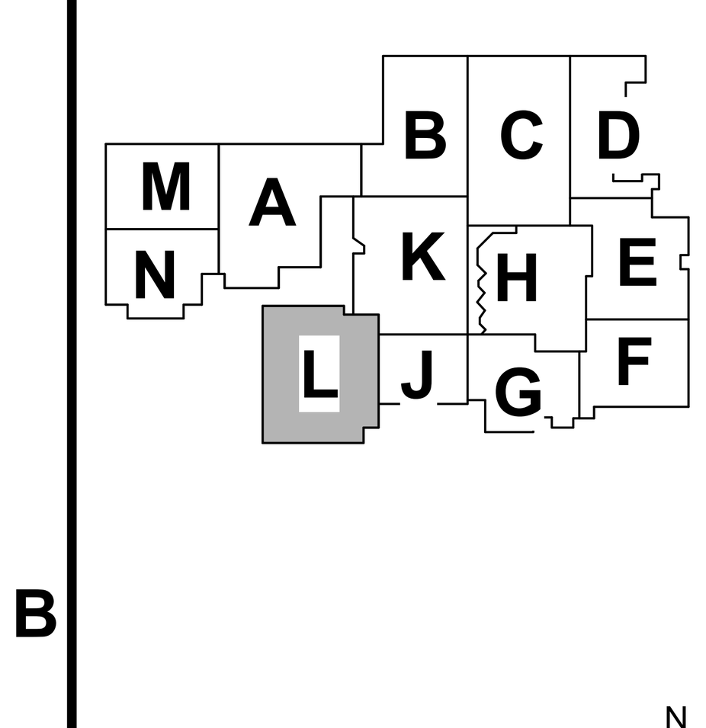
SCHMIDT
ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

#	Revision	Date
A1	Addendum #1	09.15.2023

3431 N 400 W
Kokomo IN , 46901



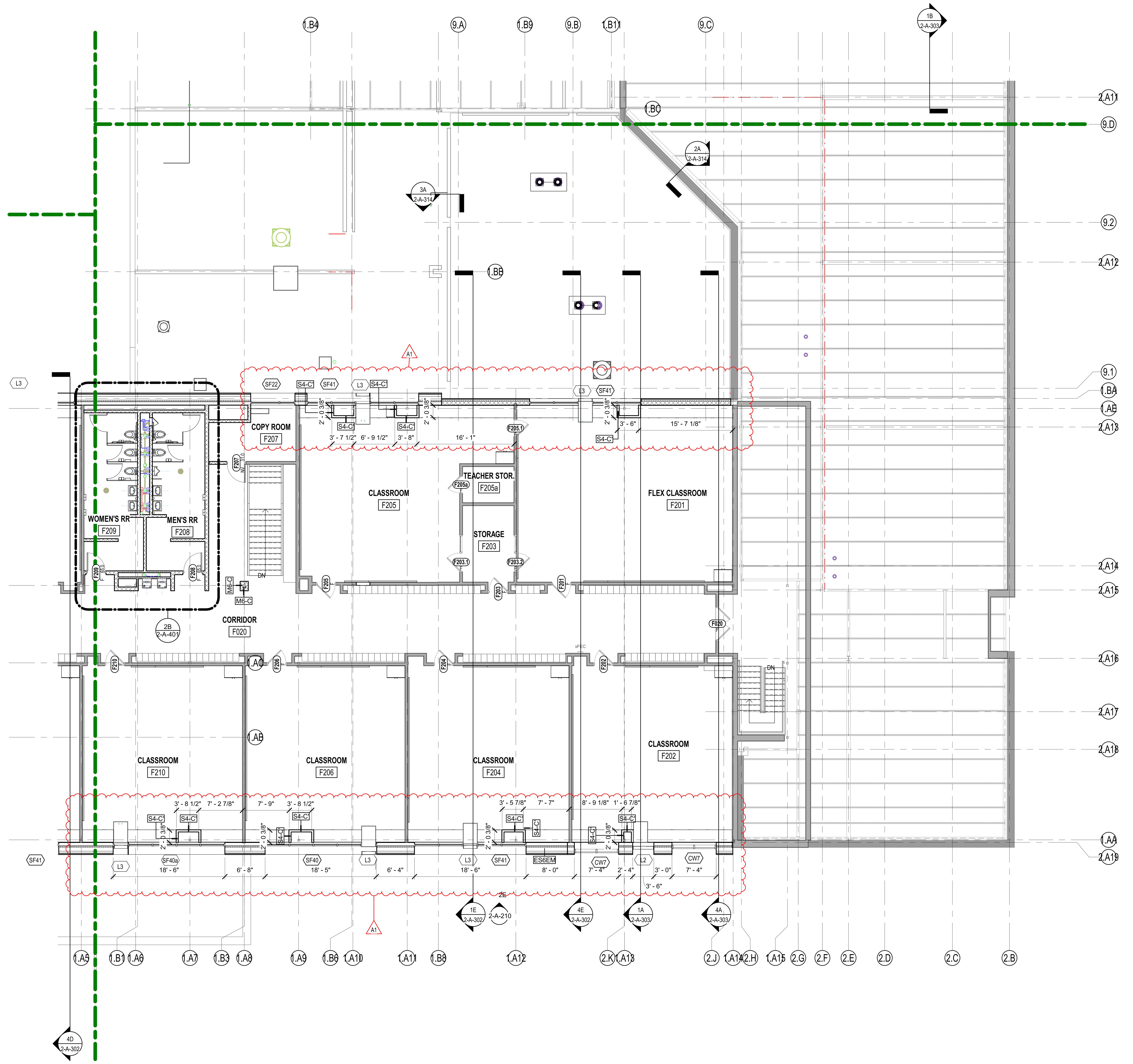
KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN HIGH SCHOOL / MIDDLE SCHOOL

FIRST FLOOR PLAN - UNIT L

2-AF1L1



1A H - SECOND FLOOR PLAN - UNIT F
1/8" = 1'-0"

General Plan Notes

A. All dimensions shown are to face of stud or masonry, unless noted otherwise. Dimensions designated as "CLR or "clear" indicate a clear dimension from face of finish to face of finish. Dimensions of exterior walls are to outside edge of foundation.

B. Dimensions for all openings for Mechanical, Plumbing, Fire Protection and Electrical shall be fire stopped at each floor penetration.

C. Provide bracing and blocking as required in walls supporting casework, tackboards, markerboards, and restroom accessories.

D. All door frames are located 4" from adjacent wall, unless noted otherwise.

E. All exposed outside corners of CMU shall be bullnosed.

F. Seal all joints between dissimilar materials.

G. All gypsum wallboard is 5/8" Type "X", unless noted otherwise.

H. Where new floors meet existing floors, a smooth, straight, and flush transition shall be constructed. Verify in field existing floor elevations and conditions where a new floor shall be constructed adjacent. Trim and patch existing floor as required to achieve desired transition.

I. All exterior windows are Type "SF3", unless noted otherwise.

J. All interior walls are Type "S4-D", unless noted otherwise.

K. Base elevation is 0'-0" = 820.52' (United States Geological Survey data).

L. Hatching within walls shown in plans and sections indicates new construction.

FLOOR PLAN NOTES

#	Note
1	08 71 00 - ADA AUTOMATIC OPERATOR. COORDINATE LOCATION WITH ARCHITECT.
2	ACCESS CONTROL CARD READER. REFER TO T-SERIES DWGS.
3	INTERCOM - TALK/VIDEO. REFER TO T-SERIES DRAWINGS.
4	PANIC BUTTON ON MILLWORK. REFER TO T-SERIES DRAWINGS.
5	08 71 00 - LOCK/UNLOCK SWITCH FROM RECEPTION DESK FOR 3 DOORS.
6	10 14 00 - BUILDING SIGNAGE REFER TO ELEVATIONS.
7	INFILL OPENING WITH CONSTRUCTION MATCHING EXISTING ADJACENT CONSTRUCTION. AT EXTERIOR MASONRY LOCATIONS USE SALVAGED BRICK. TOOTH-IN MASONRY.
8	08 88 00 - ONE WAY GRAPHIC FILM APPLIED TO EXISTING GLASS SIDELITE.
9	03 30 00 - INFILL EXISTING SLAB WITH TOPPING MATERIAL TO LEVEL AFTER REMOVAL OF EXISTING QUARRY TILE. PREP FOR NEW FLOOR FINISH.
10	05 73 00 - DECORATIVE METAL RAILING TYPE A
11	03 30 00 - INFILL EXISTING SLAB TO LEVEL. REF. S-SERIES DRAWINGS. PREP FOR NEW FLOOR FINISH.
12	ALIGN NEW WALL W/ EXISTING
13	05 73 00 - DECORATIVE METAL RAILING TYPE B
14	10 51 13 - CORRIDOR LOCKERS (TYPE A). 15X15X36 DOUBLE STACKED TO 6 FT SLOPE TOP. 175 PER GRADE LEVEL, ON 4" BASE.
15	10 51 13 - POOL LOCKERS (TYPE B) 12X18X30 DOUBLE STACKED TO SLOPE TOP. 150 LOCKERS PER LOCKER ROOM.
16	FIXTURE REPLACEMENTS IN EXISTING LOCATIONS.
17	EXISTING COILING OVERHEAD DOOR TO REMAIN.
18	OPEN TO BELOW
19	11 54 13 - KILN
20	EYE WASH/SHOWER UNIT - REFER TO P-SERIES DRAWINGS.
21	FLAMABLE STORAGE CABINET
22	14 24 00 - HYDRAULIC ELEVATOR
23	STRUCTURAL CROSS-BRACING. REFER TO S-SERIES DRAWINGS.
24	LINE OF CANOPY ABOVE.
25	08 33 23 - OVERHEAD COILING DOOR - REFERNCE DOOR SCHEDULE AND DETAILS.
26	07 71 00 - METAL DOWNSPOUT. REFER TO ROOF PLAN FOR SIZE. COORD. WITH C-SERIES DRAWINGS.
27	11 66 23 - WALL SAFETY PADS - 72" H. ALONG ENTIRE LENGTH OF WALL.
28	07 95 00 - FLOOR TO FLOOR EXPANSION COVER.
29	08 36 13 - BI-FOLD VERTICAL SECTIONAL DOOR.
30	13 15 00 - STARTING BLOCKS
31	13 15 00 - DIVING BOARD
32	10 21 23 - CUBICLE CURTAINS AND TRACK.
33	MOP SINK. REFER TO P-SERIES DRAWINGS.
34	EXISTING CARD READER TO REMAIN.
35	ANNUNCIATOR PANEL. REFERENCE E-SERIES DRAWINGS.
36	SLAT WALL ON ENTIRE WALL FACE. - COUNTER TO CEILING.
37	04 20 00 - KNOW BOX - COORD. EXACT LOCATION WITH LOCAL FIRE DEPT.
38	BULKHEAD ABOVE. REFERENEC REFLECTED CEILING PLAN.
39	07 95 00 - EXPANSION JOINT, PROVIDE EXPANSION JOINT COVERS AT ALL JOINT LOCATIONS ALONG LINE.
40	CONCRETE RAMP. REF S-SERIES DRAWINGS.
41	NEW CONCERTE SLAB. REFER TO S-SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
42	12 24 13 - MOTORIZED WINDOW SHADES

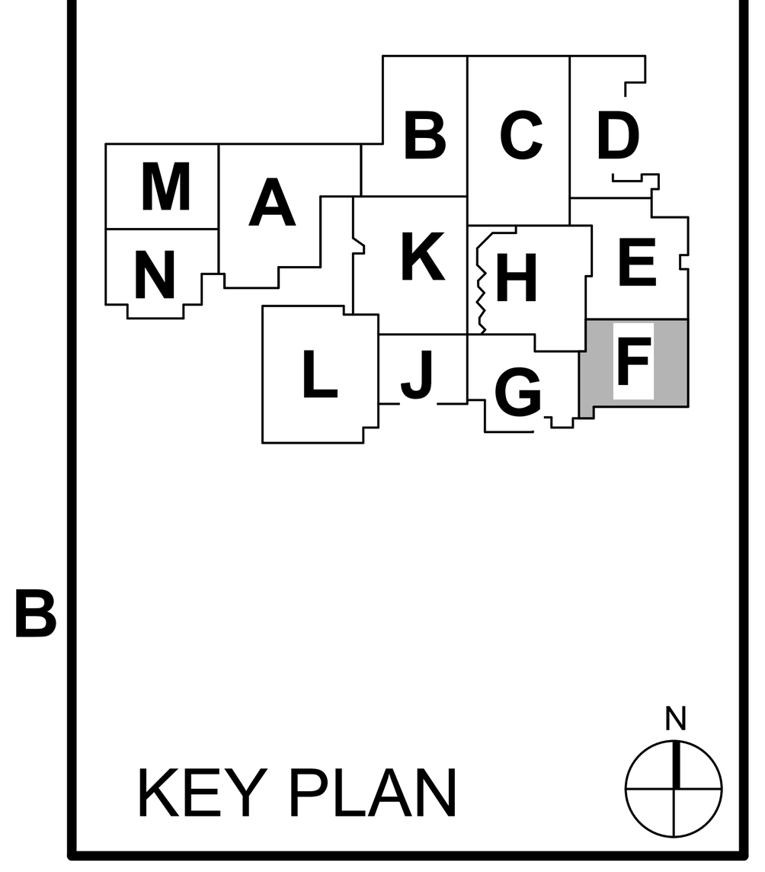
SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD REGISTERED ARCHITECT NO. AR10400134 STATE OF INDIANA

#	Revision	Date
A1	Addendum #1	09.15.2023

3431 N 400 W
Kokomo IN , 46901



KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN HIGH SCHOOL / MIDDLE SCHOOL

SECOND FLOOR PLAN - UNIT F

2-AF1F2

SCHMIDT
ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

General Plan Notes

A. All dimensions shown are to face of stud or masonry, unless noted otherwise. Dimensions designated as "CLR or "clear" indicate a clear dimension from face of finish to face of finish. Dimensions of exterior walls are to outside edge of foundation.

B. Dimensions for all openings for Mechanical, Plumbing, Fire Protection and Electrical shall be fire stopped at each floor penetration.

C. Provide bracing and blocking as required in walls supporting casework, tackboards, markerboards, and restroom accessories.

D. All door frames are located 4" from adjacent wall, unless noted otherwise.

E. All exposed outside corners of CMU shall be bullnosed.

F. Seal all joints between dissimilar materials.

G. All gypsum wallboard is 5/8" Type "X", unless noted otherwise.

H. Where new floors meet existing floors, a smooth, straight, and flush transition shall be constructed. Verify in field existing floor elevations and conditions where a new floor shall be constructed adjacent. Trim and patch existing floor as required to achieve desired transition.

I. All exterior windows are Type "SF3", unless noted otherwise.

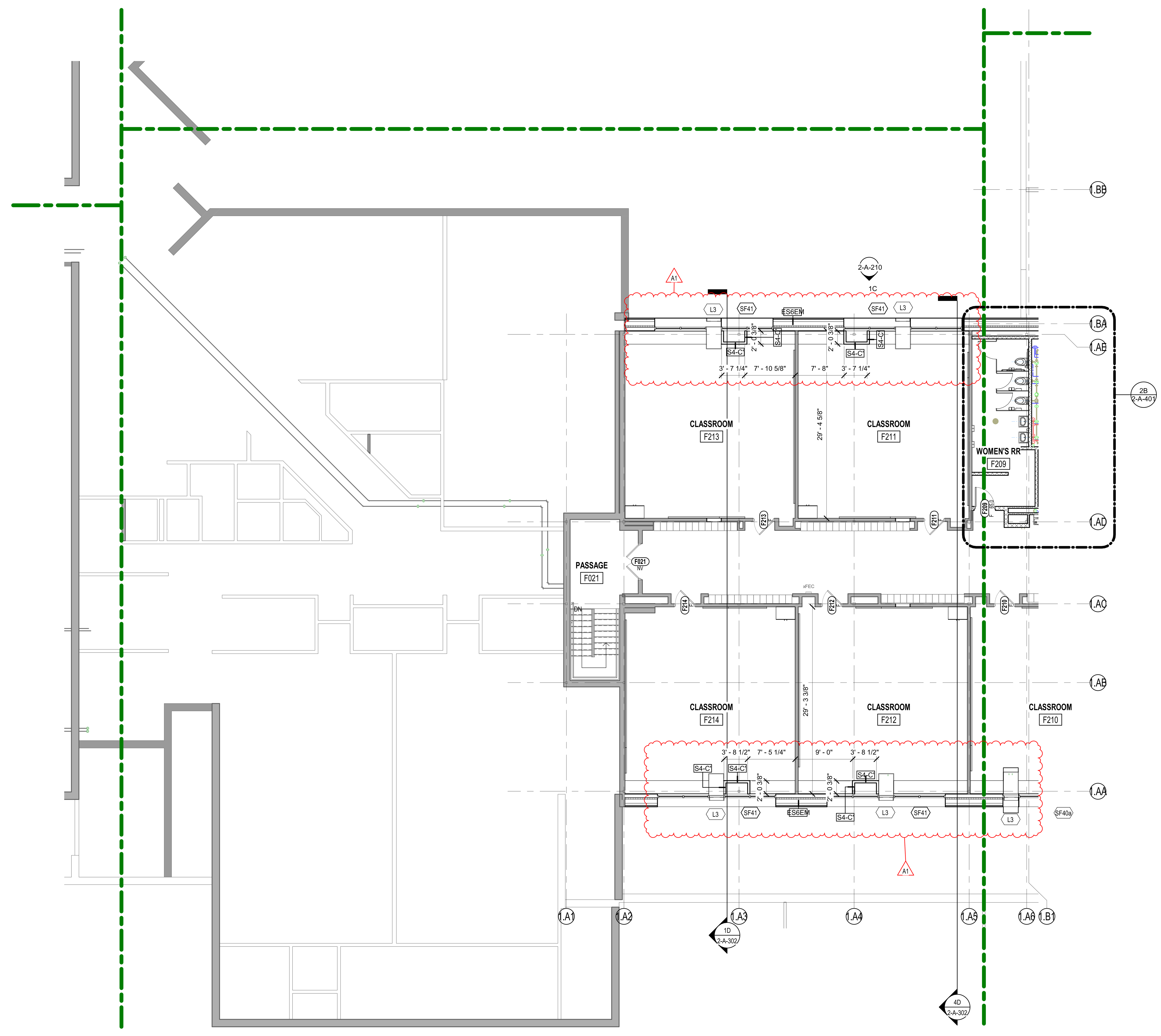
J. All interior walls are Type "S4-D", unless noted otherwise.

K. Base elevation is 0'-0" = 820.52' (United States Geological Survey data).

L. Hatching within walls shown in plans and sections indicates new construction.

FLOOR PLAN NOTES

#	Note
1	08 71 00 - ADA AUTOMATIC OPERATOR. COORDINATE LOCATION WITH ARCHITECT.
2	ACCESS CONTROL CARD READER. REFER TO T-SERIES DWGS.
3	INTERCOM - TALK/VIDEO. REFER TO T-SERIES DRAWINGS.
4	PANIC BUTTON ON MILLWORK. REFER TO T-SERIES DRAWINGS.
5	08 71 00 - LOCK/UNLOCK SWITCH FROM RECEPTION DESK FOR 3 DOORS.
6	10 14 00 - BUILDING SIGNAGE REFER TO ELEVATIONS.
7	INFILL OPENING WITH CONSTRUCTION MATCHING EXISTING ADJACENT CONSTRUCTION. AT EXTERIOR MASONRY LOCATIONS USE SALVAGED BRICK. TOOTH-IN MASONRY.
8	08 88 00 - ONE WAY GRAPHIC FILM APPLIED TO EXISTING GLASS SIDELITE.
9	03 30 00 - INFILL EXISTING SLAB WITH TOPPING MATERIAL TO LEVEL AFTER REMOVAL OF EXISTING QUARRY TILE. PREP FOR NEW FLOOR FINISH.
10	05 73 00 - DECORATIVE METAL RAILING TYPE A
11	03 30 00 - INFILL EXISTING SLAB TO LEVEL. REF. S-SERIES DRAWINGS. PREP FOR NEW FLOOR FINISH.
12	ALIGN NEW WALL W/ EXISTING
13	05 73 00 - DECORATIVE METAL RAILING TYPE B
14	10 51 13 - CORRIDOR LOCKERS (TYPE A). 15X15X36 DOUBLE STACKED TO 6 FT SLOPE TOP. 175 PER GRADE LEVEL, ON 4" BASE.
15	10 51 13 - POOL LOCKERS (TYPE B) 12X18X30 DOUBLE STACKED TO SLOPE TOP. 150 LOCKERS PER LOCKER ROOM.
16	FIXTURE REPLACEMENTS IN EXISTING LOCATIONS.
17	EXISTING COILING OVERHEAD DOOR TO REMAIN.
18	OPEN TO BELOW
19	11 54 13 - KILN
20	EYE WASH/SHOWER UNIT - REFER TO P-SERIES DRAWINGS.
21	FLAMABLE STORAGE CABINET
22	14 24 00 - HYDRAULIC ELEVATOR
23	STRUCTURAL CROSS-BRACING. REFER TO S-SERIES DRAWINGS.
24	LINE OF CANOPY ABOVE.
25	08 33 23 - OVERHEAD COILING DOOR - REFERNCE DOOR SCHEDULE AND DETAILS.
26	07 71 00 - METAL DOWNSPOUT. REFER TO ROOF PLAN FOR SIZE. COORD. WITH C-SERIES DRAWINGS.
27	11 66 23 - WALL SAFETY PADS - 72" H. ALONG ENTIRE LENGTH OF WALL.
28	07 95 00 - FLOOR TO FLOOR EXPANSION COVER.
29	08 36 13 - BI-FOLD VERTICAL SECTIONAL DOOR.
30	13 15 00 - STARTING BLOCKS
31	13 15 00 - DIVING BOARD
32	10 21 23 - CUBICLE CURTAINS AND TRACK.
33	MOP SINK. REFER TO P-SERIES DRAWINGS.
34	EXISTING CARD READER TO REMAIN.
35	ANNUNCIATOR PANEL. REFERENCE E-SERIES DRAWINGS.
36	SLAT WALL ON ENTIRE WALL FACE. - COUNTER TO CEILING.
37	04 20 00 - KNOW BOX - COORD. EXACT LOCATION WITH LOCAL FIRE DEPT.
38	BULKHEAD ABOVE. REFERENEC REFLECTED CEILING PLAN.
39	07 95 00 - EXPANSION JOINT, PROVIDE EXPANSION JOINT COVERS AT ALL JOINT LOCATIONS ALONG LINE.
40	CONCRETE RAMP. REF S-SERIES DRAWINGS.
41	NEW CONCERTE SLAB. REFER TO S-SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
42	12 24 13 - MOTORIZED WINDOW SHADES



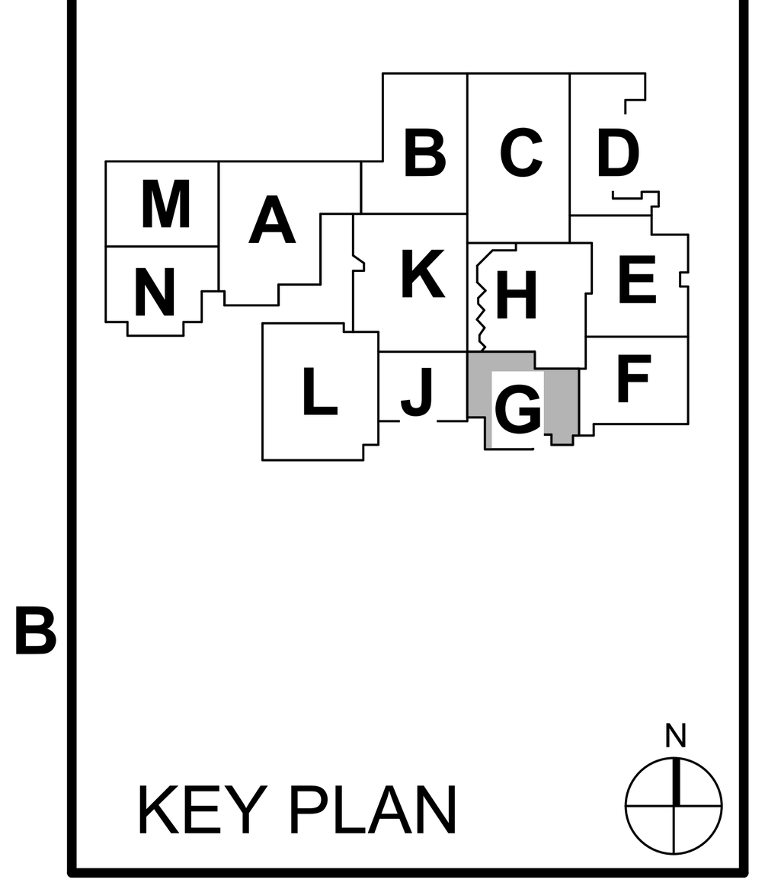
1A H - SECOND FLOOR PLAN - UNIT G
1/8" = 1'-0"

Project No.	2022-086.TGR
Project Date	08.29.2023
Produced	TE MP

SARAH KATHLEEN HEMPSTEAD
REGISTERED
NO. AR10400134
STATE OF INDIANA
ARCHITECT

#	Revision	Date
A1	Addendum #1	09.15.2023

3431 N 400 W
Kokomo IN , 46901



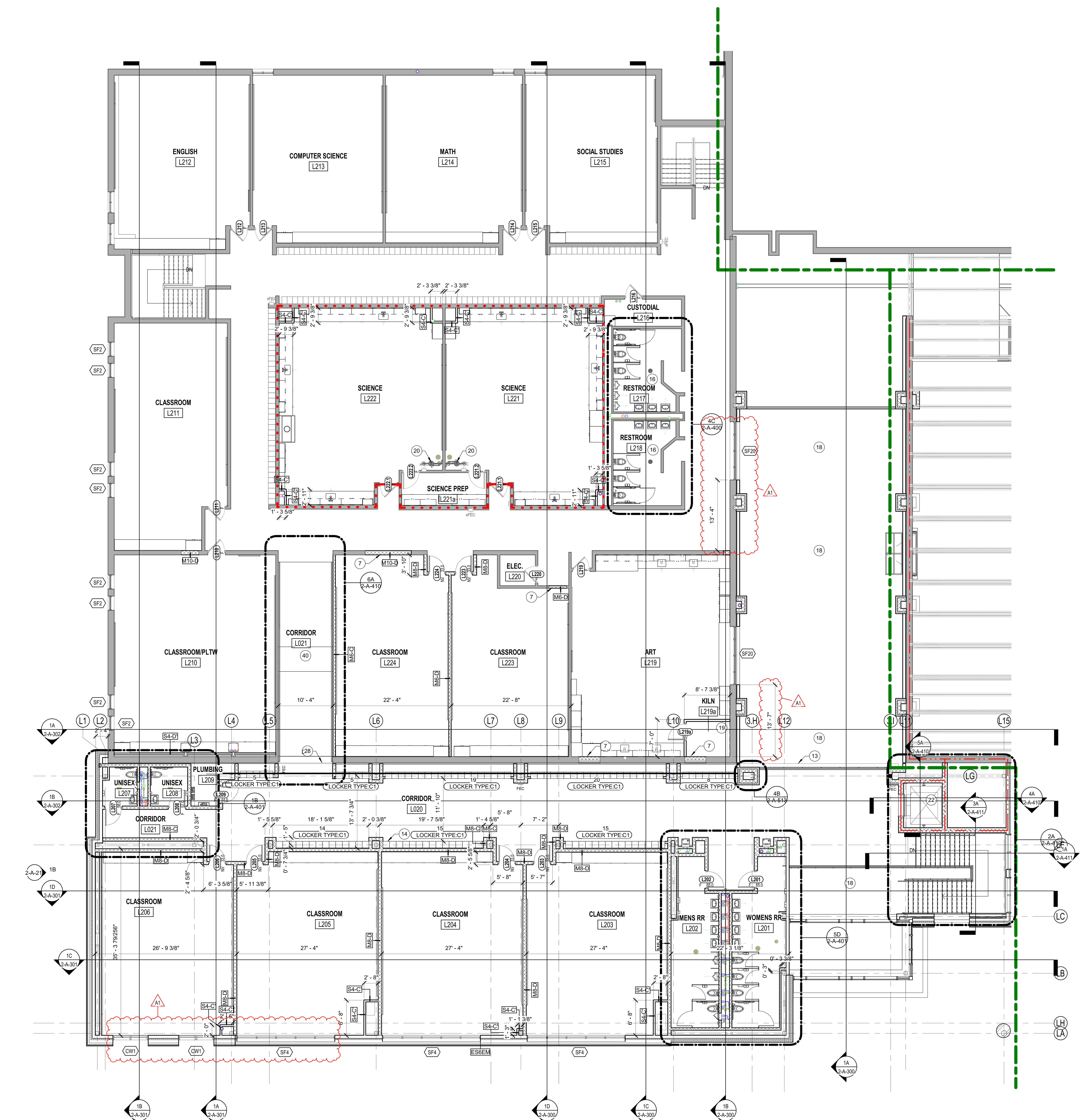
KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN HIGH SCHOOL / MIDDLE SCHOOL

SECOND FLOOR PLAN - UNIT G

2-AF1G2



1A H - SECOND FLOOR PLAN - UNIT L
1/8" = 1'-0"

General Plan Notes

A. All dimensions shown are to face of stud or masonry, unless noted otherwise. Dimensions designated as "CLR or "clear" indicate a clear dimension from face of finish to face of finish. Dimensions of exterior walls are to outside edge of foundation.

B. Dimensions for all openings for Mechanical, Plumbing, Fire Protection and Electrical shall be fire stopped at each floor penetration.

C. Provide bracing and blocking as required in walls supporting casework, tackboards, markerboards, and restroom accessories.

D. All door frames are located 4" from adjacent wall, unless noted otherwise.

E. All exposed outside corners of CMU shall be bullnosed.

F. Seal all joints between dissimilar materials.

G. All gypsum wallboard is 5/8" Type "X", unless noted otherwise.

H. Where new floors meet existing floors, a smooth, straight, and flush transition shall be constructed. Verify in field existing floor elevations and conditions where a new floor shall be constructed adjacent. Trim and patch existing floor as required to achieve desired transition.

I. All exterior windows are Type "SF3", unless noted otherwise.

J. All interior walls are Type "S4-D", unless noted otherwise.

K. Base elevation is 0'-0" = 820.52' (United States Geological Survey data).

L. Hatching within walls shown in plans and sections indicates new construction.

FLOOR PLAN NOTES

#	Note
1	08 71 00 - ADA AUTOMATIC OPERATOR. COORDINATE LOCATION WITH ARCHITECT.
2	ACCESS CONTROL CARD READER. REFER TO T-SERIES DWGS.
3	INTERCOM - TALK/VIDEO. REFER TO T-SERIES DRAWINGS.
4	PANIC BUTTON ON MILLWORK. REFER TO T-SERIES DRAWINGS.
5	08 71 00 - LOCK/UNLOCK SWITCH FROM RECEPTION DESK FOR 3 DOORS.
6	10 14 00 - BUILDING SIGNAGE REFER TO ELEVATIONS.
7	INFILL OPENING WITH CONSTRUCTION MATCHING EXISTING ADJACENT CONSTRUCTION. AT EXTERIOR MASONRY LOCATIONS USE SALVAGED BRICK. TOOTH-IN MASONRY.
8	08 88 00 - ONE WAY GRAPHIC FILM APPLIED TO EXISTING GLASS SIDELITE.
9	03 30 00 - INFILL EXISTING SLAB WITH TOPPING MATERIAL TO LEVEL AFTER REMOVAL OF EXISTING QUARRY TILE. PREP FOR NEW FLOOR FINISH.
10	05 73 00 - DECORATIVE METAL RAILING TYPE A
11	03 30 00 - INFILL EXISTING SLAB TO LEVEL. REF. S-SERIES DRAWINGS. PREP FOR NEW FLOOR FINISH.
12	ALIGN NEW WALL W/ EXISTING
13	05 73 00 - DECORATIVE METAL RAILING TYPE B
14	10 51 13 - CORRIDOR LOCKERS (TYPE A). 15X15X36 DOUBLE STACKED TO 6 FT SLOPE TOP. 175 PER GRADE LEVEL, ON 4" BASE.
15	10 51 13 - POOL LOCKERS (TYPE B) 12X18X30 DOUBLE STACKED TO SLOPE TOP. 150 LOCKERS PER LOCKER ROOM.
16	FIXTURE REPLACEMENTS IN EXISTING LOCATIONS.
17	EXISTING COILING OVERHEAD DOOR TO REMAIN.
18	OPEN TO BELOW
19	11 54 13 - KILN
20	EYE WASH/SHOWER UNIT - REFER TO P-SERIES DRAWINGS.
21	FLAMABLE STORAGE CABINET
22	14 24 00 - HYDRAULIC ELEVATOR
23	STRUCTURAL CROSS-BRACING. REFER TO S-SERIES DRAWINGS.
24	LINE OF CANOPY ABOVE.
25	08 33 23 - OVERHEAD COILING DOOR - REFERNCE DOOR SCHEDULE AND DETAILS.
26	07 71 00 - METAL DOWNSPOUT. REFER TO ROOF PLAN FOR SIZE. COORD. WITH C-SERIES DRAWINGS.
27	11 66 23 - WALL SAFETY PADS - 72" H. ALONG ENTIRE LENGTH OF WALL.
28	07 95 00 - FLOOR TO FLOOR EXPANSION COVER.
29	08 36 13 - BI-FOLD VERTICAL SECTIONAL DOOR.
30	13 15 00 - STARTING BLOCKS
31	13 15 00 - DIVING BOARD
32	10 21 23 - CUBICLE CURTAINS AND TRACK.
33	MOP SINK. REFER TO P-SERIES DRAWINGS.
34	EXISTING CARD READER TO REMAIN.
35	ANNUNCIATOR PANEL. REFERENCE E-SERIES DRAWINGS.
36	SLAT WALL ON ENTIRE WALL FACE. - COUNTER TO CEILING.
37	04 20 00 - KNOW BOX - COORD. EXACT LOCATION WITH LOCAL FIRE DEPT.
38	BULKHEAD ABOVE. REFERENEC REFLECTED CEILING PLAN.
39	07 95 00 - EXPANSION JOINT, PROVIDE EXPANSION JOINT COVERS AT ALL JOINT LOCATIONS ALONG LINE.
40	CONCRETE RAMP. REF S-SERIES DRAWINGS.
41	NEW CONCERTE SLAB. REFER TO S-SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
42	12 24 13 - MOTORIZED WINDOW SHADES

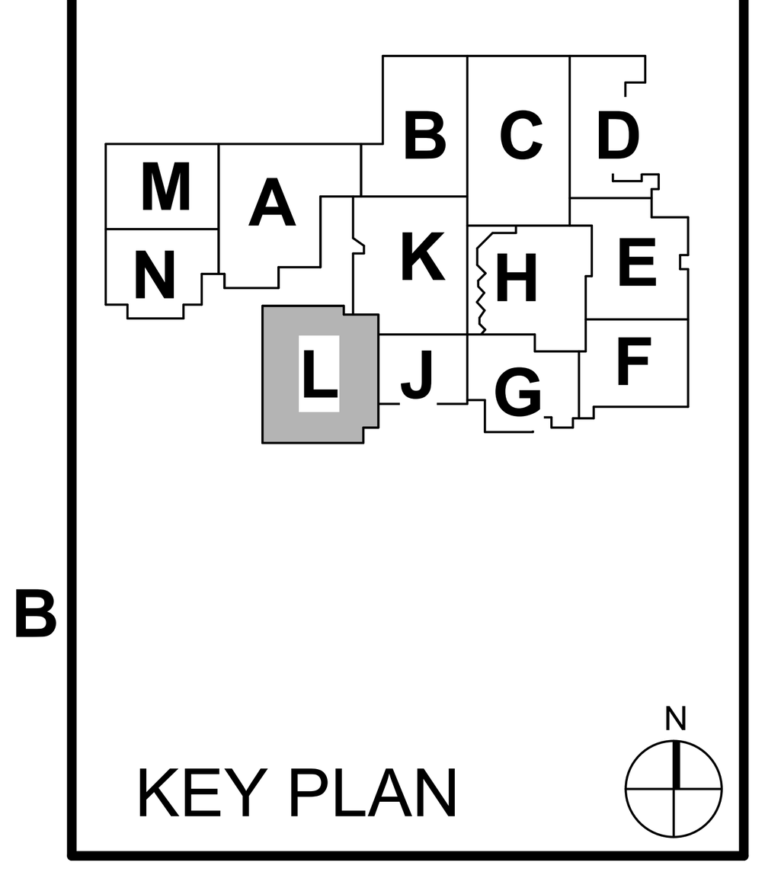
SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

#	Revision	Date
A1	Addendum #1	09.15.2023

3431 N 400 W
Kokomo IN , 46901



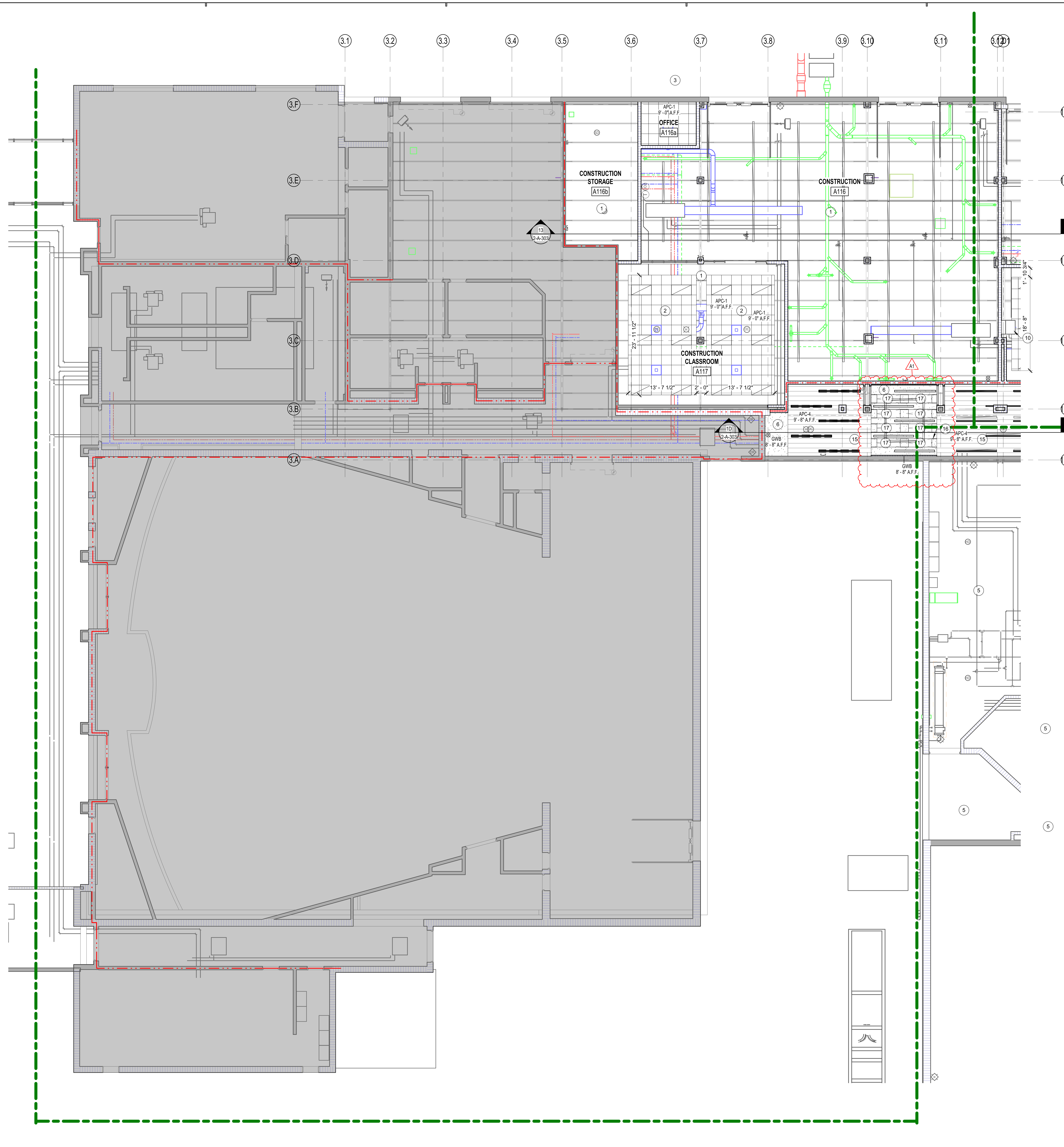
KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN HIGH SCHOOL / MIDDLE SCHOOL

SECOND FLOOR PLAN - UNIT L

2-AF1L2



General Refl. Ceiling Plan Notes

A. All ceilings are at 9'-0" AFF, unless noted otherwise.

B. All bulkheads are at 8'-10" AFF, unless noted otherwise.

C. All grids are centered in rooms, unless noted otherwise.

D. All exposed ductwork, piping etc. shall be painted. Color selected by Architect.

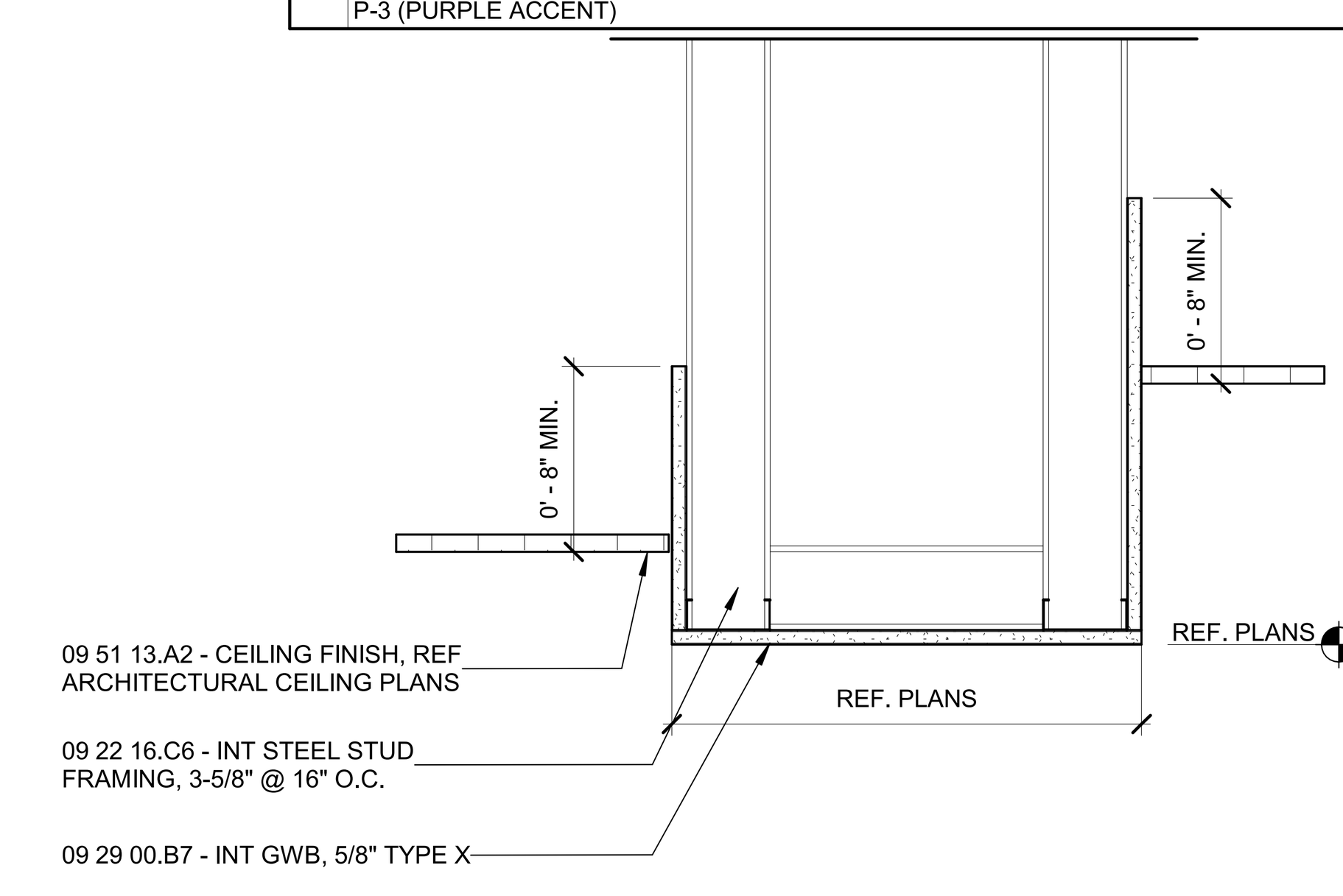
E. Locate sprinkler heads in center of ceiling panel - where applicable.

REFLECTED CEILING PLAN LEGEND

APC-1	2' X 2' Acoustical Panel Ceiling (09 51 13)	Light Fixture (Reference E-Series Dwgs)
APC-2	2' X 2' Washable Acoustical Panel Ceiling (09 51 13)	Return Air (Reference M-Series Dwgs)
APC-3	2' X 2' Humidity Resistant Acoustical Panel Ceiling (09 51 13)	Supply Air (Reference M-Series Dwgs)
GWB	5/8" GWB on Grid Suspension System (09 22 16)	Exit Light (Reference E-Series Dwgs)
APC-4	ENDURA LINEAR DIRECT MOUNT CEILING (09 54 23)	Recessed Light Fixture Suspended Fixture in Areas with Exposed Ceilings (Reference E-Series Dwgs)
Walls to Deck		SOUND SYSTEM SPEAKER (REFERENCE E-SERIES/T-SERIES DWGS)

REFLECTED CEILING PLAN NOTES

#	NOTE
1	EXPOSED STRUCTURE AND DECK. PREP ALL EXPOSED STRUCTURE, DECK, PIPING, CONDUITS, AND DUCTWORK FOR NEW FINISH. REFERENCE I-SERIES DRAWINGS FOR FINISH.
2	09 51 13 - METAL EDGE TRIM FOR CEILING CLOUD, 8" HIGH.
3	10 73 16 - TRANSLUCENT CANOPY SYSTEM WITH MULLIONS 2'-0" O.C.
4	EXISTING BULKHEAD CEILING TO REMAIN
5	EXISTING CEILING TO REMAIN
6	PAINT BULKHEAD IN ITS ENTIRETY P-3 (PURPLE ACCENT).
7	PAINT CAFETERIA PARIMETER BULKHEADS IN THIER ENTIRETY P-2 (GRAY ACCENT).
8	5/8" GWB CEILING ATTACHED TO 3-5/8" METAL STUD ATTACHED TO UNDERSIDE OF STAIR STRINGER.
9	ELEVATOR SHAFT
10	VERTICAL UNIT VENTILATOR EXTENSION TO DECK. REFER TO M-SERIES DRAWINGS.
11	10 21 23 - CUBICLE CURTAIN TRACK.
12	07 24 13 - EIFS SOFFIT.
13	08 36 13 - BI-FOLD VERTICAL SECTIONAL DOOR
14	INSTALL DUCTWORK AND PIPING AS HIGH AS POSSIBLE TO ALLOW CEILING TO BE INSTALLED AS HIGH AS POSSIBLE. CONFIRM CEILING HEIGHT WITH ARCHITECT PRIOR TO INSTALLATION OF NEW CEILING.
15	09 54 23 - ENDURA LINEAR DIRECT MOUNT CEILING - 6" PERFORATED V-GROOVE WITH SOUND TEX SCRIM
16	REVEAL TO MATCH WIDTH / DEPTH OF ACCESS PANEL SPECIFICATIONS. PAINT REVEAL P-3 (PURPLE ACCENT).
17	08 31 13 - CEILING ACCESS PANEL 4'-8" X 1'-8". PAINT CEILING ACCESS PANELS WITH P-3 (PURPLE ACCENT)



1B TYPICAL BULKHEAD DETAIL
1 1/2" = 1'-0"

1A H - FIRST FLOOR RCP - UNIT A
1/8" = 1'-0"

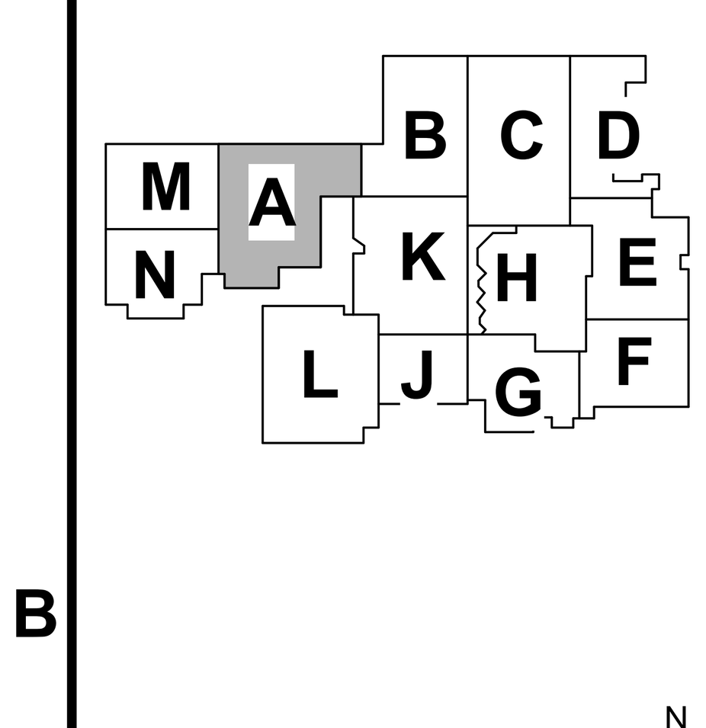
SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

#	Revision	Date
A1	Addendum #1	09.15.2023

3431 N 400 W
Kokomo IN , 46901



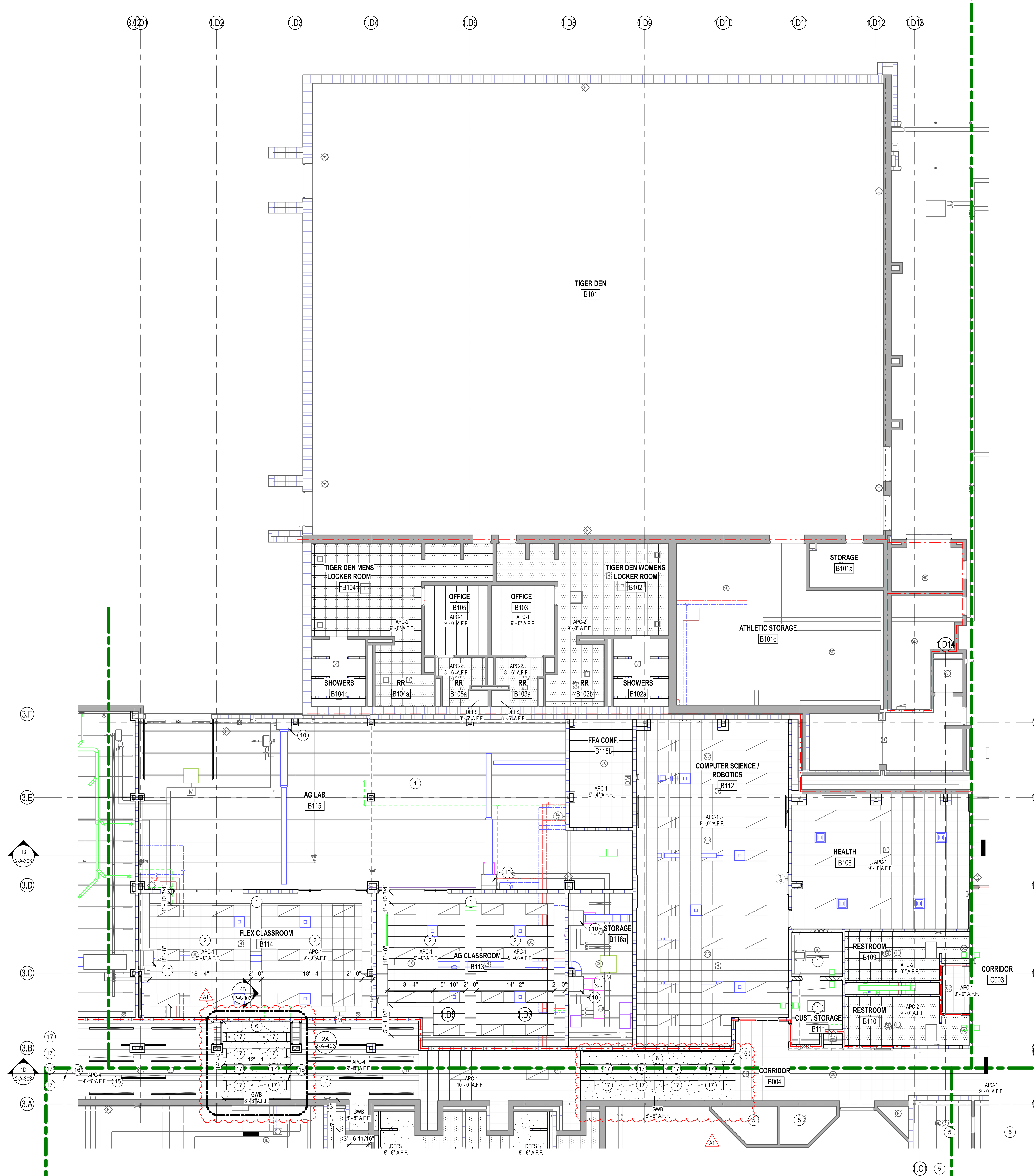
KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN HIGH SCHOOL / MIDDLE SCHOOL

FIRST FLOOR RCP - UNIT A

2-AC1A1



1A H - FIRST FLOOR RCP - UNIT B
1/8" = 1'-0"

General Refl. Ceiling Plan Notes

A. All ceilings are at 9'-0" AFF, unless noted otherwise.

B. All bulkheads are at 8'-10" AFF, unless noted otherwise.

C. All grids are centered in rooms, unless noted otherwise.

D. All exposed ductwork, piping etc. shall be painted. Color selected by Architect.

E. Locate sprinkler heads in center of ceiling panel - where applicable.

REFLECTED CEILING PLAN LEGEND

APC-1	2' X 2' Acoustical Panel Ceiling (09 51 13)	Light Fixture (Reference E-Series Dwgs)
APC-2	2' X 2' Washable Acoustical Panel Ceiling (09 51 13)	Return Air (Reference M-Series Dwgs)
APC-3	2' X 2' Humidity Resistant Acoustical Panel Ceiling (09 51 13)	Supply Air (Reference M-Series Dwgs)
GWB	5/8" GWB on Grid Suspension System (09 22 16)	Exit Light (Reference E-Series Dwgs)
APC-4	ENDURA LINEAR DIRECT MOUNT CEILING (09 54 23)	Recessed Light Fixture Suspended Fixture in Areas with Exposed Ceilings (Reference E-Series Dwgs)
Walls to Deck		SOUND SYSTEM SPEAKER (REFERENCE E-SERIES/T-SERIES DWGS)

REFLECTED CEILING PLAN NOTES

#	NOTE
1	EXPOSED STRUCTURE AND DECK. PREP ALL EXPOSED STRUCTURE, DECK, PIPING, CONDUITS, AND DUCTWORK FOR NEW FINISH. REFERENCE I-SERIES DRAWINGS FOR FINISH.
2	09 51 13 - METAL EDGE TRIM FOR CEILING CLOUD, 8" HIGH.
3	10 73 16 - TRANSLUCENT CANOPY SYSTEM WITH MULLIONS 2'-0" O.C.
4	EXISTING BULKHEAD CEILING TO REMAIN
5	EXISTING CEILING TO REMAIN
6	PAINT BULKHEAD IN ITS ENTIRETY P-3 (PURPLE ACCENT).
7	PAINT CAFETERIA PARIMETER BULKHEADS IN THIER ENTIRETY P-2 (GRAY ACCENT).
8	5/8" GWB CEILING ATTACHED TO 3-5/8" METAL STUD ATTACHED TO UNDERSIDE OF STAIR STRINGER.
9	ELEVATOR SHAFT
10	VERTICAL UNIT VENTILATOR EXTENSION TO DECK. REFER TO M-SERIES DRAWINGS.
11	10 21 23 - CUBICLE CURTAIN TRACK.
12	07 24 13 - EIFS SOFFIT.
13	08 36 13 - BI-FOLD VERTICAL SECTIONAL DOOR
14	INSTALL DUCTWORK AND PIPING AS HIGH AS POSSIBLE TO ALLOW CEILING TO BE INSTALLED AS HIGH AS POSSIBLE. CONFIRM CEILING HEIGHT WITH ARCHITECT PRIOR TO INSTALLATION OF NEW CEILING.
15	09 54 23 - ENDURA LINEAR DIRECT MOUNT CEILING - 6" PERFORATED V-GROOVE WITH SOUND TEX SCRIM
16	REVEAL TO MATCH WIDTH / DEPTH OF ACCESS PANEL SPECIFICATIONS. PAINT REVEAL P-3 (PURPLE ACCENT).
17	08 31 13 - CEILING ACCESS PANEL 4'-8" X 1'-8". PAINT CEILING ACCESS PANELS WITH P-3 (PURPLE ACCENT)

SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

#	Revision	Date
A1	Addendum #1	09.15.2023

3431 N 400 W
Kokomo IN , 46901

KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN HIGH SCHOOL / MIDDLE SCHOOL

FIRST FLOOR RCP - UNIT B

2-AC1B1

1A H - FIRST FLOOR RCP - UNIT C

1/8" = 1'-0"

General Refl. Ceiling Plan Notes

A. All ceilings are at 9'-0" AFF, unless noted otherwise.

B. All bulkheads are at 8'-10" AFF, unless noted otherwise.

C. All grids are centered in rooms, unless noted otherwise.

D. All exposed ductwork, piping etc. shall be painted. Color selected by Architect.

E. Locate sprinkler heads in center of ceiling panel - where applicable.

REFLECTED CEILING PLAN LEGEND

APC-1	2' X 2' Acoustical Panel Ceiling (09 51 13)	Light Fixture (Reference E-Series Dwgs)
APC-2	2' X 2' Washable Acoustical Panel Ceiling (09 51 13)	Return Air (Reference M-Series Dwgs)
APC-3	2' X 2' Humidity Resistant Acoustical Panel Ceiling (09 51 13)	Supply Air (Reference M-Series Dwgs)
GWB	5/8" GWB on Grid Suspension System (09 22 16)	Exit Light (Reference E-Series Dwgs)
APC-4	ENDURA LINEAR DIRECT MOUNT CEILING (09 54 23)	Recessed Light Fixture Suspended Fixture in Areas with Exposed Ceilings (Reference E-Series Dwgs)
Walls to Deck		SOUND SYSTEM SPEAKER (REFERENCE E-SERIES/T-SERIES DWGS)

REFLECTED CEILING PLAN NOTES

#	NOTE
1	EXPOSED STRUCTURE AND DECK. PREP ALL EXPOSED STRUCTURE, DECK, PIPING, CONDUITS, AND DUCTWORK FOR NEW FINISH. REFERENCE I-SERIES DRAWINGS FOR FINISH.
2	09 51 13 - METAL EDGE TRIM FOR CEILING CLOUD, 8" HIGH.
3	10 73 16 - TRANSLUCENT CANOPY SYSTEM WITH MULLIONS 2'-0" O.C.
4	EXISTING BULKHEAD CEILING TO REMAIN
5	EXISTING CEILING TO REMAIN
6	PAINT BULKHEAD IN ITS ENTIRETY P-3 (PURPLE ACCENT).
7	PAINT CAFETERIA PARIMETER BULKHEADS IN THIER ENTIRETY P-2 (GRAY ACCENT).
8	5/8" GWB CEILING ATTACHED TO 3-5/8" METAL STUD ATTACHED TO UNDERSIDE OF STAIR STRINGER.
9	ELEVATOR SHAFT
10	VERTICAL UNIT VENTILATOR EXTENSION TO DECK. REFER TO M-SERIES DRAWINGS.
11	10 21 23 - CUBICLE CURTAIN TRACK.
12	07 24 13 - EIFS SOFFIT.
13	08 36 13 - BI-FOLD VERTICAL SECTIONAL DOOR
14	INSTALL DUCTWORK AND PIPING AS HIGH AS POSSIBLE TO ALLOW CEILING TO BE INSTALLED AS HIGH AS POSSIBLE. CONFIRM CEILING HEIGHT WITH ARCHITECT PRIOR TO INSTALLATION OF NEW CEILING.
15	09 54 23 - ENDURA LINEAR DIRECT MOUNT CEILING - 6" PERFORATED V-GROOVE WITH SOUND TEX SCRIM
16	REVEAL TO MATCH WIDTH / DEPTH OF ACCESS PANEL SPECIFICATIONS. PAINT REVEAL P-3 (PURPLE ACCENT).
17	08 31 13 - CEILING ACCESS PANEL 4'-8" X 1'-8". PAINT CEILING ACCESS PANELS WITH P-3 (PURPLE ACCENT)

SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD REGISTERED ARCHITECT NO. AR10400134 STATE OF INDIANA

#	Revision	Date
A1	Addendum #1	09.15.2023

3431 N 400 W
Kokomo IN , 46901

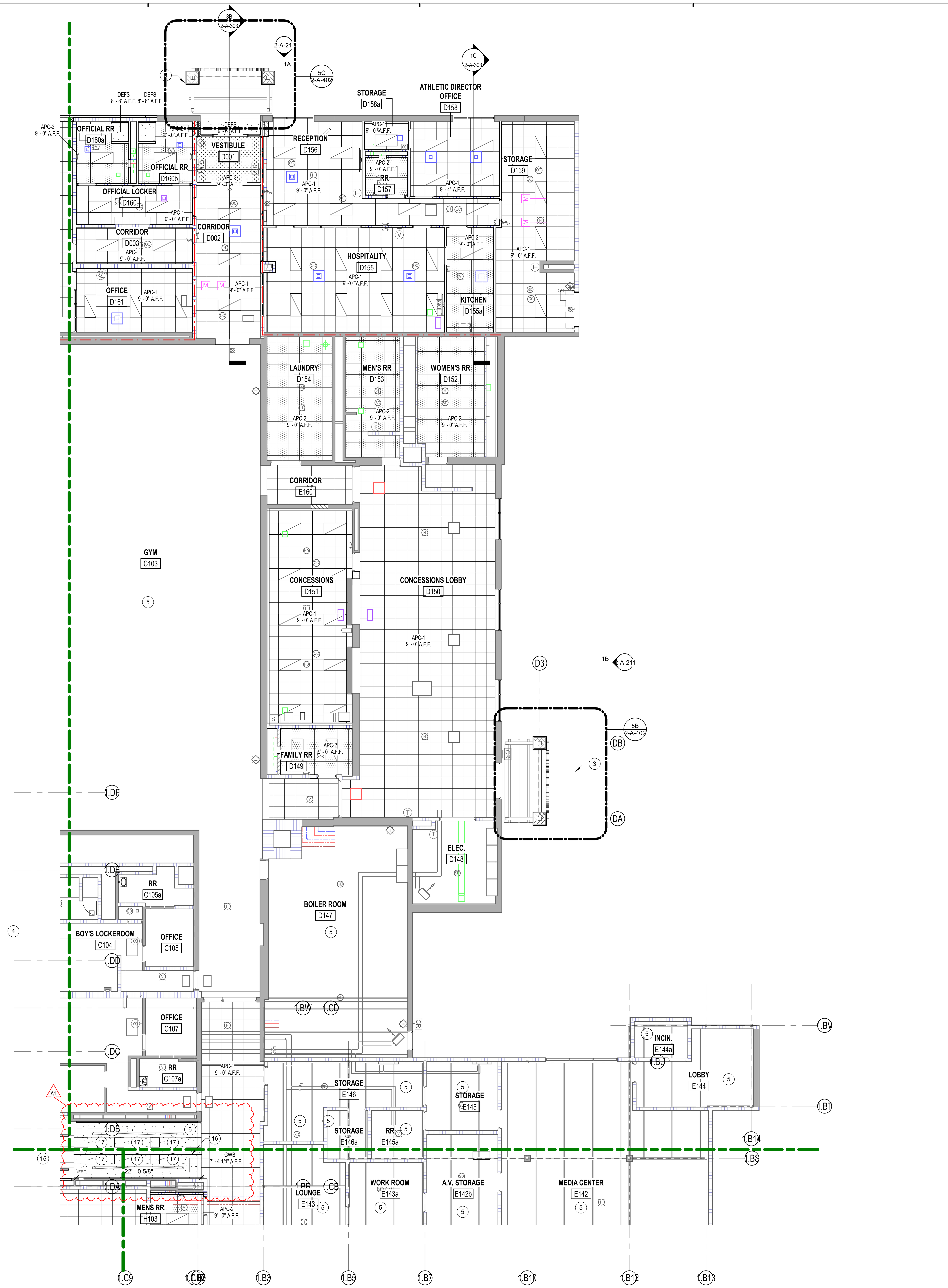
KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN HIGH SCHOOL / MIDDLE SCHOOL

FIRST FLOOR RCP - UNIT C

2-AC1C1



General Refl. Ceiling Plan Notes

A. All ceilings are at 9'-0" AFF, unless noted otherwise.

B. All bulkheads are at 8'-10" AFF, unless noted otherwise.

C. All grids are centered in rooms, unless noted otherwise.

D. All exposed ductwork, piping etc. shall be painted. Color selected by Architect.

E. Locate sprinkler heads in center of ceiling panel - where applicable.

REFLECTED CEILING PLAN LEGEND

APC-1	2' X 2' Acoustical Panel Ceiling (09 51 13)	Light Fixture (Reference E-Series Dwgs)
APC-2	2' X 2' Washable Acoustical Panel Ceiling (09 51 13)	Return Air (Reference M-Series Dwgs)
APC-3	2' X 2' Humidity Resistant Acoustical Panel Ceiling (09 51 13)	Supply Air (Reference M-Series Dwgs)
GWB	5/8" GWB on Grid Suspension System (09 22 16)	Exit Light (Reference E-Series Dwgs)
APC-4	ENDURA LINEAR DIRECT MOUNT CEILING (09 54 23)	Recessed Light Fixture Suspended Fixture in Areas with Exposed Ceilings (Reference E-Series Dwgs)
Walls to Deck		SOUND SYSTEM SPEAKER (REFERENCE E-SERIES/T-SERIES DWGS)

REFLECTED CEILING PLAN NOTES

#	NOTE
1	EXPOSED STRUCTURE AND DECK. PREP ALL EXPOSED STRUCTURE, DECK, PIPING, CONDUITS, AND DUCTWORK FOR NEW FINISH. REFERENCE I-SERIES DRAWINGS FOR FINISH.
2	09 51 13 - METAL EDGE TRIM FOR CEILING CLOUD, 8" HIGH.
3	10 73 16 - TRANSLUCENT CANOPY SYSTEM WITH MULLIONS 2'-0" O.C.
4	EXISTING BULKHEAD CEILING TO REMAIN
5	EXISTING CEILING TO REMAIN
6	PAINT BULKHEAD IN ITS ENTIRETY P-3 (PURPLE ACCENT).
7	PAINT CAFETERIA PARIMETER BULKHEADS IN THIER ENTIRETY P-2 (GRAY ACCENT).
8	5/8" GWB CEILING ATTACHED TO 3-5/8" METAL STUD ATTACHED TO UNDERSIDE OF STAIR STRINGER.
9	ELEVATOR SHAFT
10	VERTICAL UNIT VENTILATOR EXTENSION TO DECK. REFER TO M-SERIES DRAWINGS.
11	10 21 23 - CUBICLE CURTAIN TRACK.
12	07 24 13 - EIFS SOFFIT.
13	08 36 13 - BI-FOLD VERTICAL SECTIONAL DOOR
14	INSTALL DUCTWORK AND PIPING AS HIGH AS POSSIBLE TO ALLOW CEILING TO BE INSTALLED AS HIGH AS POSSIBLE. CONFIRM CEILING HEIGHT WITH ARCHITECT PRIOR TO INSTALLATION OF NEW CEILING.
15	09 54 23 - ENDURA LINEAR DIRECT MOUNT CEILING - 6" PERFORATED V-GROOVE WITH SOUND TEX SCRIM
16	REVEAL TO MATCH WIDTH / DEPTH OF ACCESS PANEL SPECIFICATIONS. PAINT REVEAL P-3 (PURPLE ACCENT).
17	08 31 13 - CEILING ACCESS PANEL 4'-8" X 1'-8". PAINT CEILING ACCESS PANELS WITH P-3 (PURPLE ACCENT)

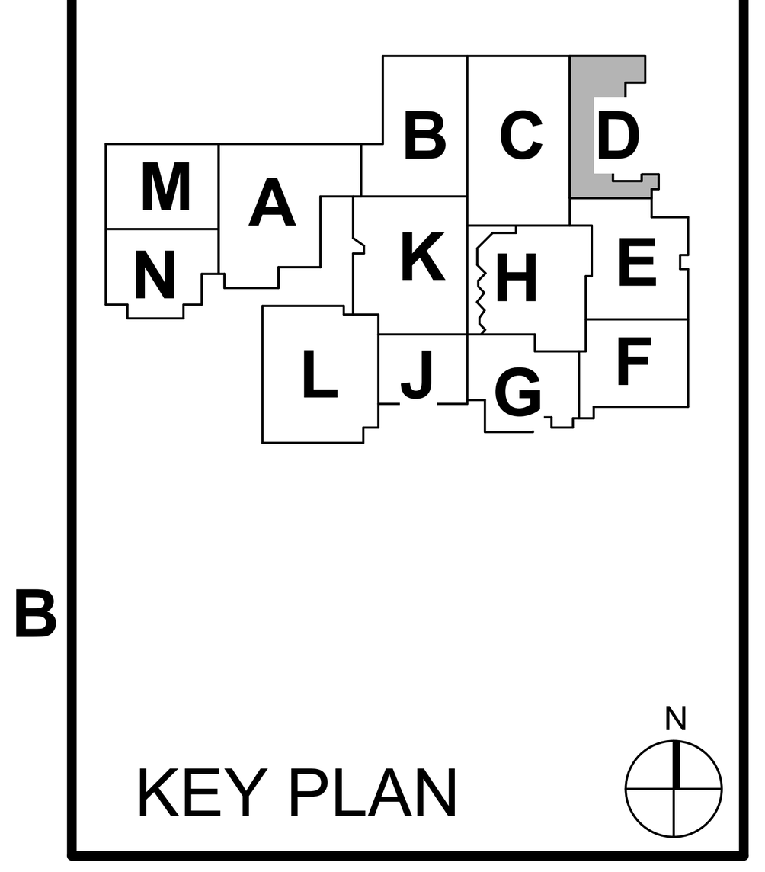
SCHMIDT
ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

#	Revision	Date
A1	Addendum #1	09.15.2023

3431 N 400 W
Kokomo IN , 46901



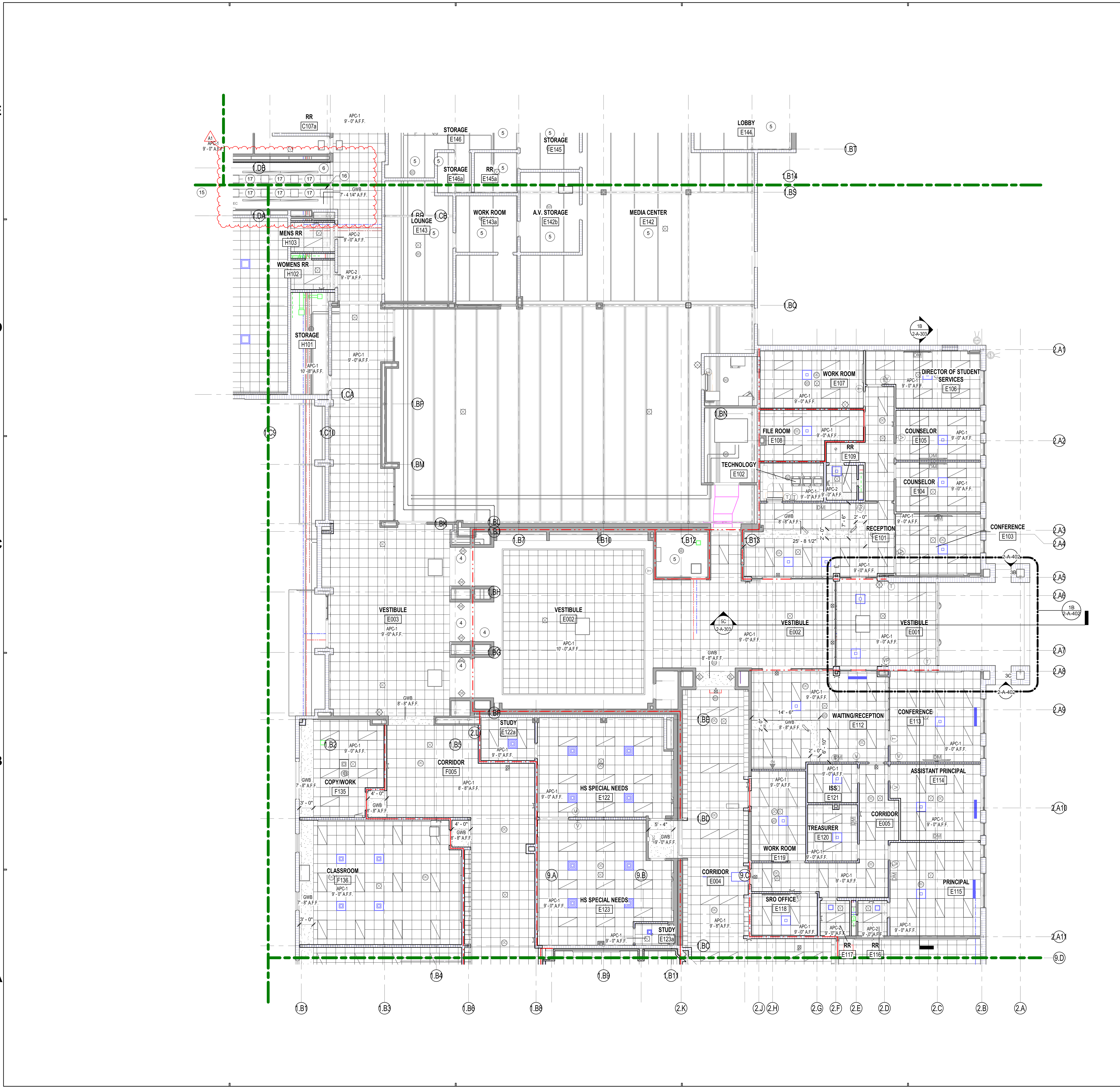
KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN HIGH SCHOOL / MIDDLE SCHOOL

FIRST FLOOR RCP - UNIT D

2-AC1D1



1A H - FIRST FLOOR RCP - UNIT E
1/8" = 1'-0"

General Refl. Ceiling Plan Notes

A. All ceilings are at 9'-0" AFF, unless noted otherwise.
B. All bulkheads are at 8'-10" AFF, unless noted otherwise.
C. All grids are centered in rooms, unless noted otherwise.
D. All exposed ductwork, piping etc. shall be painted. Color selected by Architect.
E. Locate sprinkler heads in center of ceiling panel - where applicable.

REFLECTED CEILING PLAN LEGEND

APC-1	2' X 2' Acoustical Panel Ceiling (09 51 13)	Light Fixture (Reference E-Series Dwgs)
APC-2	2' X 2' Washable Acoustical Panel Ceiling (09 51 13)	Return Air (Reference M-Series Dwgs)
APC-3	2' X 2' Humidity Resistant Acoustical Panel Ceiling (09 51 13)	Supply Air (Reference M-Series Dwgs)
GWB	5/8" GWB on Grid Suspension System (09 22 16)	Exit Light (Reference E-Series Dwgs)
APC-4	ENDURA LINEAR DIRECT MOUNT CEILING (09 54 23)	Recessed Light Fixture Suspended Fixture in Areas with Exposed Ceilings (Reference E-Series Dwgs)
Walls to Deck		SOUND SYSTEM SPEAKER (REFERENCE E-SERIES/T-SERIES DWGS)

REFLECTED CEILING PLAN NOTES

#	NOTE
1	EXPOSED STRUCTURE AND DECK. PREP ALL EXPOSED STRUCTURE, DECK, PIPING, CONDUITS, AND DUCTWORK FOR NEW FINISH. REFERENCE I-SERIES DRAWINGS FOR FINISH.
2	09 51 13 - METAL EDGE TRIM FOR CEILING CLOUD, 8" HIGH.
3	10 73 16 - TRANSLUCENT CANOPY SYSTEM WITH MULLIONS 2'-0" O.C.
4	EXISTING BULKHEAD CEILING TO REMAIN
5	EXISTING CEILING TO REMAIN
6	PAINT BULKHEAD IN ITS ENTIRETY P-3 (PURPLE ACCENT).
7	PAINT CAFETERIA PARIMETER BULKHEADS IN THIER ENTIRETY P-2 (GRAY ACCENT).
8	5/8" GWB CEILING ATTACHED TO 3-5/8" METAL STUD ATTACHED TO UNDERSIDE OF STAIR STRINGER.
9	ELEVATOR SHAFT
10	VERTICAL UNIT VENTILATOR EXTENSION TO DECK. REFER TO M-SERIES DRAWINGS.
11	10 21 23 - CUBICLE CURTAIN TRACK.
12	07 24 13 - EIFS SOFFIT.
13	08 36 13 - BI-FOLD VERTICAL SECTIONAL DOOR
14	INSTALL DUCTWORK AND PIPING AS HIGH AS POSSIBLE TO ALLOW CEILING TO BE INSTALLED AS HIGH AS POSSIBLE. CONFIRM CEILING HEIGHT WITH ARCHITECT PRIOR TO INSTALLATION OF NEW CEILING.
15	09 54 23 - ENDURA LINEAR DIRECT MOUNT CEILING - 6" PERFORATED V-GROOVE WITH SOUND TEX SCRIM
16	REVEAL TO MATCH WIDTH / DEPTH OF ACCESS PANEL SPECIFICATIONS. PAINT REVEAL P-3 (PURPLE ACCENT).
17	08 31 13 - CEILING ACCESS PANEL 4'-8" X 1'-8". PAINT CEILING ACCESS PANELS WITH P-3 (PURPLE ACCENT)

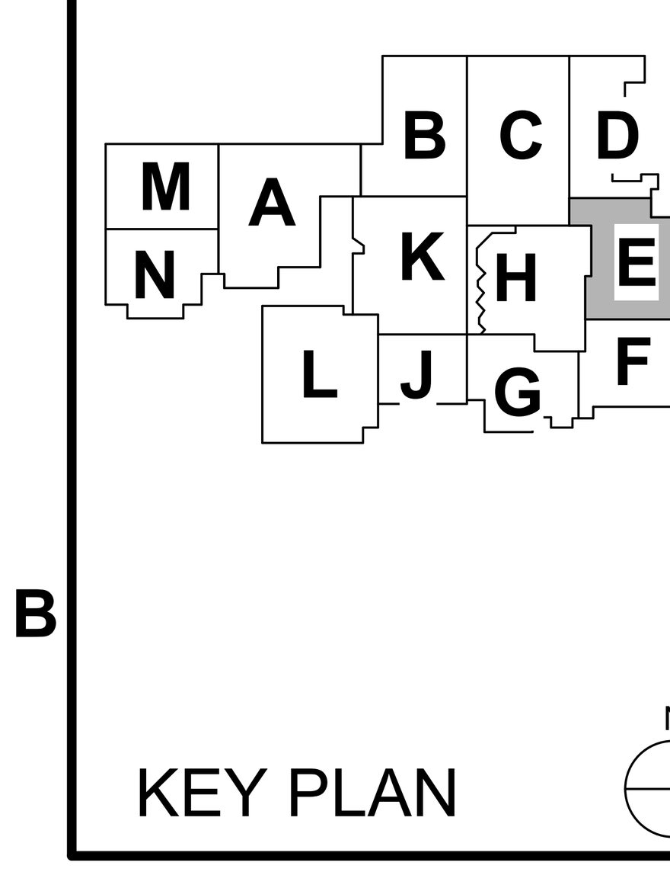
SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

#	Revision	Date
A1	Addendum #1	09.15.2023

3431 N 400 W
Kokomo IN , 46901



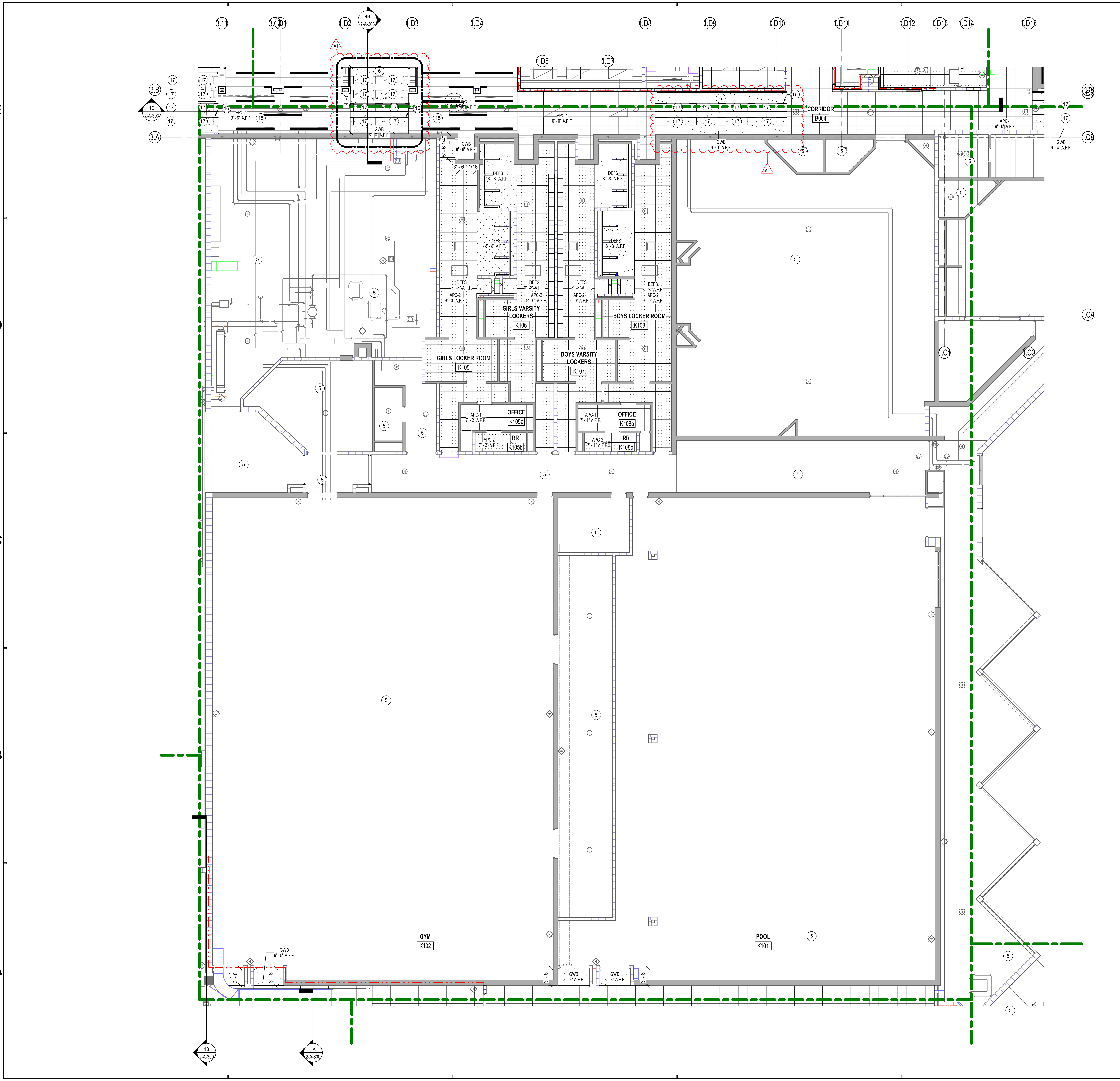
KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN HIGH SCHOOL / MIDDLE SCHOOL

FIRST FLOOR RCP - UNIT E

2-AC1E1



1A H - FIRST FLOOR RCP - UNIT K
1/8" = 1'-0"

General Refl. Ceiling Plan Notes

A. All ceilings are at 9'-0" AFF, unless noted otherwise.

B. All bulkheads are at 8'-10" AFF, unless noted otherwise.

C. All grids are centered in rooms, unless noted otherwise.

D. All exposed ductwork, piping etc. shall be painted. Color selected by Architect.

E. Locate sprinkler heads in center of ceiling panel - where applicable.

REFLECTED CEILING PLAN LEGEND

APC-1	2' X 2' Acoustical Panel Ceiling (09 51 13)	Light Fixture (Reference E-Series Dwgs)
APC-2	2' X 2' Washable Acoustical Panel Ceiling (09 51 13)	Return Air (Reference M-Series Dwgs)
APC-3	2' X 2' Humidity Resistant Acoustical Panel Ceiling (09 51 13)	Supply Air (Reference M-Series Dwgs)
GWB	5/8" GWB on Grid Suspension System (09 22 16)	Exit Light (Reference E-Series Dwgs)
APC-4	ENDURA LINEAR DIRECT MOUNT CEILING (09 54 23)	Recessed Light Fixture Suspended Fixture in Areas with Exposed Ceilings (Reference E-Series Dwgs)
Walls to Deck		SOUND SYSTEM SPEAKER (REFERENCE E-SERIES/T-SERIES DWGS)

REFLECTED CEILING PLAN NOTES

#	NOTE
1	EXPOSED STRUCTURE AND DECK. PREP ALL EXPOSED STRUCTURE, DECK, PIPING, CONDUITS, AND DUCTWORK FOR NEW FINISH. REFERENCE I-SERIES DRAWINGS FOR FINISH.
2	09 51 13 - METAL EDGE TRIM FOR CEILING CLOUD, 8" HIGH.
3	10 73 16 - TRANSLUCENT CANOPY SYSTEM WITH MULLIONS 2'-0" O.C.
4	EXISTING BULKHEAD CEILING TO REMAIN
5	EXISTING CEILING TO REMAIN
6	PAINT BULKHEAD IN ITS ENTIRETY P-3 (PURPLE ACCENT).
7	PAINT CAFETERIA PARIMETER BULKHEADS IN THIER ENTIRETY P-2 (GRAY ACCENT).
8	5/8" GWB CEILING ATTACHED TO 3-5/8" METAL STUD ATTACHED TO UNDERSIDE OF STAIR STRINGER.
9	ELEVATOR SHAFT
10	VERTICAL UNIT VENTILATOR EXTENSION TO DECK. REFER TO M-SERIES DRAWINGS.
11	10 21 23 - CUBICLE CURTAIN TRACK.
12	07 24 13 - EIFS SOFFIT.
13	08 36 13 - BI-FOLD VERTICAL SECTIONAL DOOR
14	INSTALL DUCTWORK AND PIPING AS HIGH AS POSSIBLE TO ALLOW CEILING TO BE INSTALLED AS HIGH AS POSSIBLE. CONFIRM CEILING HEIGHT WITH ARCHITECT PRIOR TO INSTALLATION OF NEW CEILING.
15	09 54 23 - ENDURA LINEAR DIRECT MOUNT CEILING - 6" PERFORATED V-GROOVE WITH SOUND TEX SCRIM
16	REVEAL TO MATCH WIDTH / DEPTH OF ACCESS PANEL SPECIFICATIONS. PAINT REVEAL P-3 (PURPLE ACCENT).
17	08 31 13 - CEILING ACCESS PANEL 4'-8" X 1'-8". PAINT CEILING ACCESS PANELS WITH P-3 (PURPLE ACCENT)

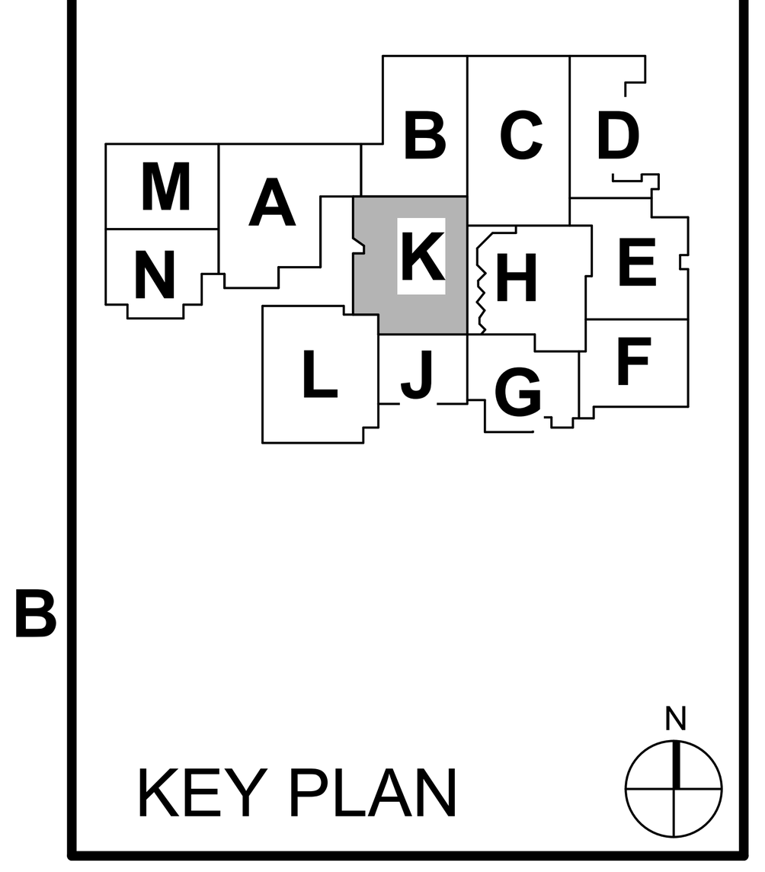
SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

#	Revision	Date
A1	Addendum #1	09.15.2023

3431 N 400 W
Kokomo IN , 46901



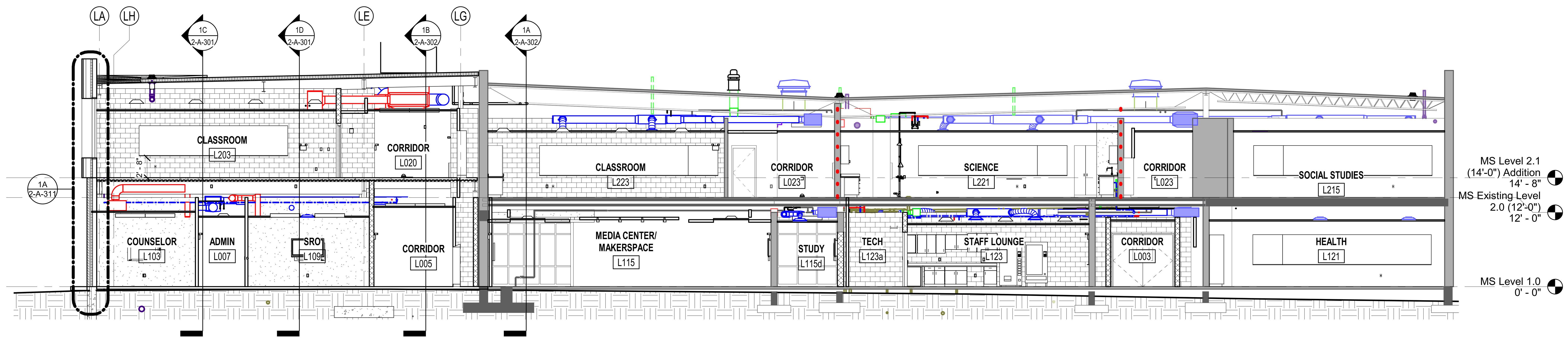
KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

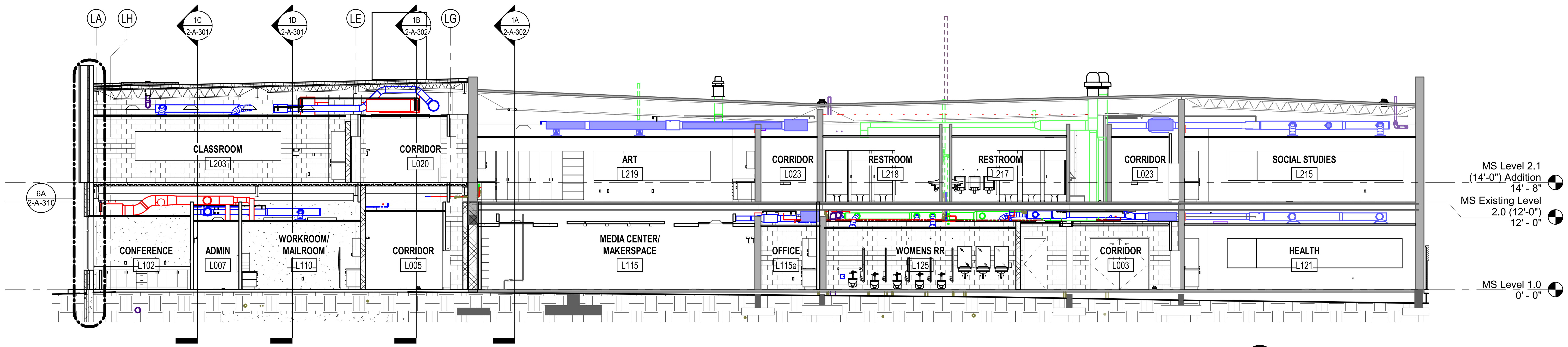
NORTHWESTERN HIGH SCHOOL / MIDDLE SCHOOL

FIRST FLOOR RCP - UNIT K

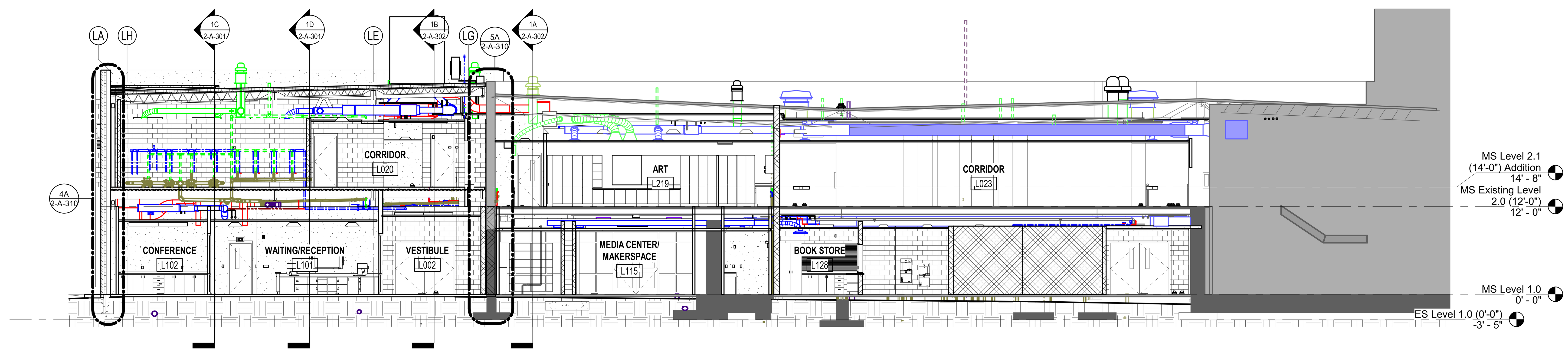
2-AC1K1



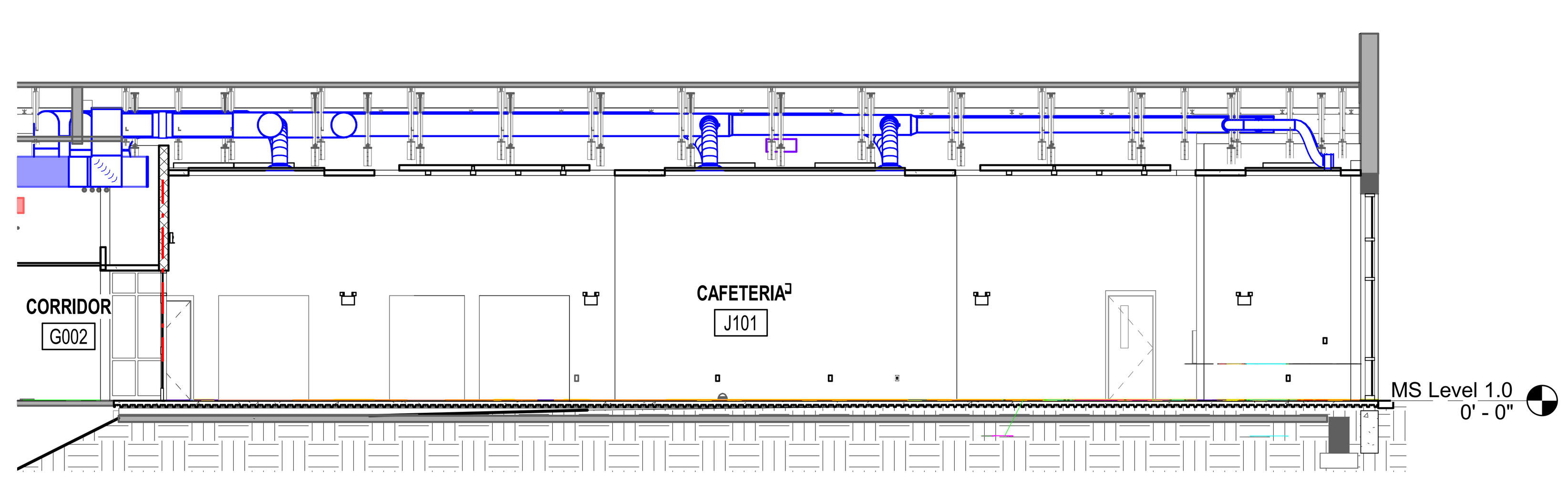
1D UNIT L - BUILDING SECTION
1/8" = 1'-0"



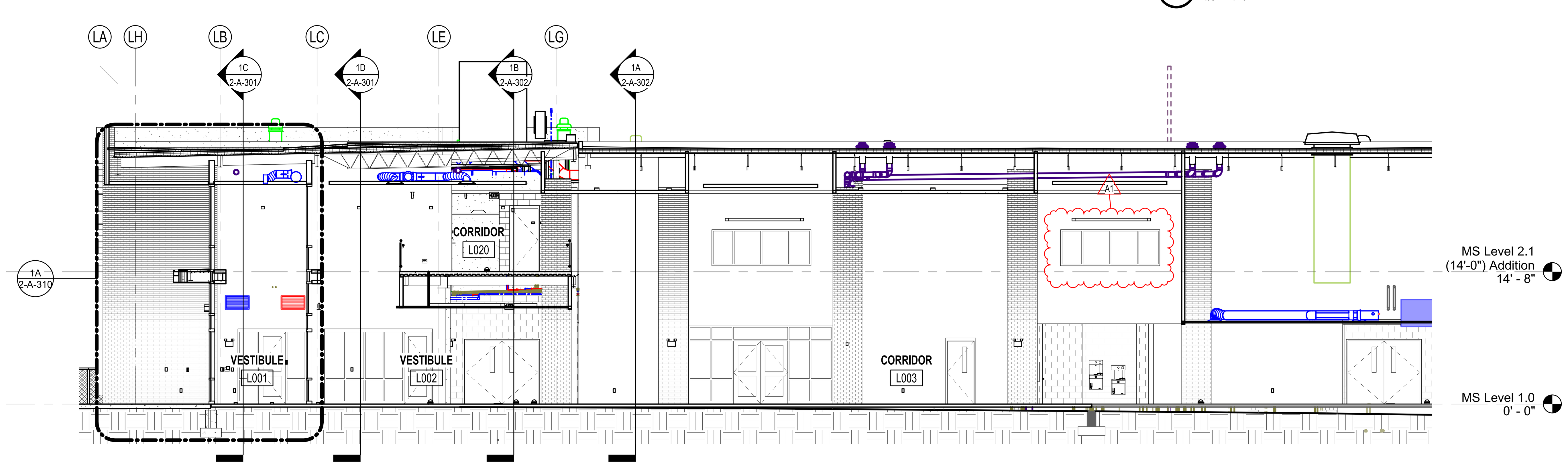
1C UNIT L - BUILDING SECTION
1/8" = 1'-0"



1B UNIT L - BUILDING SECTION
1/8" = 1'-0"



5A UNIT J - CAFETERIA BUILDING SECTION
1/8" = 1'-0"



1A UNIT L - BUILDING SECTION
1/8" = 1'-0"

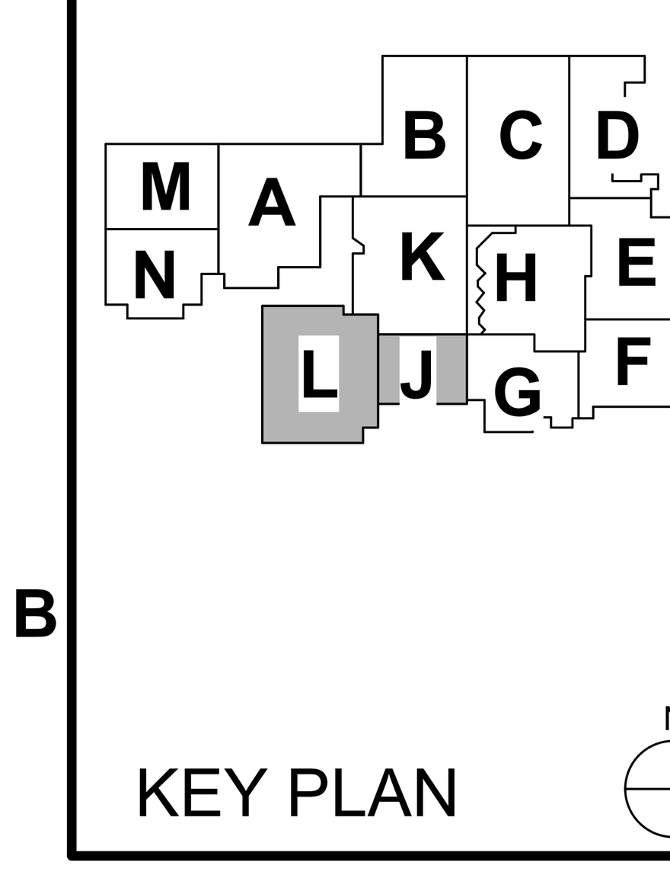
SCHMIDT
ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD
REGISTERED
NO. AR10400134
STATE OF INDIANA
ARCHITECT

#	Revision	Date
A1	Addendum #1	09.15.2023

3431 N 400 W
Kokomo IN , 46901



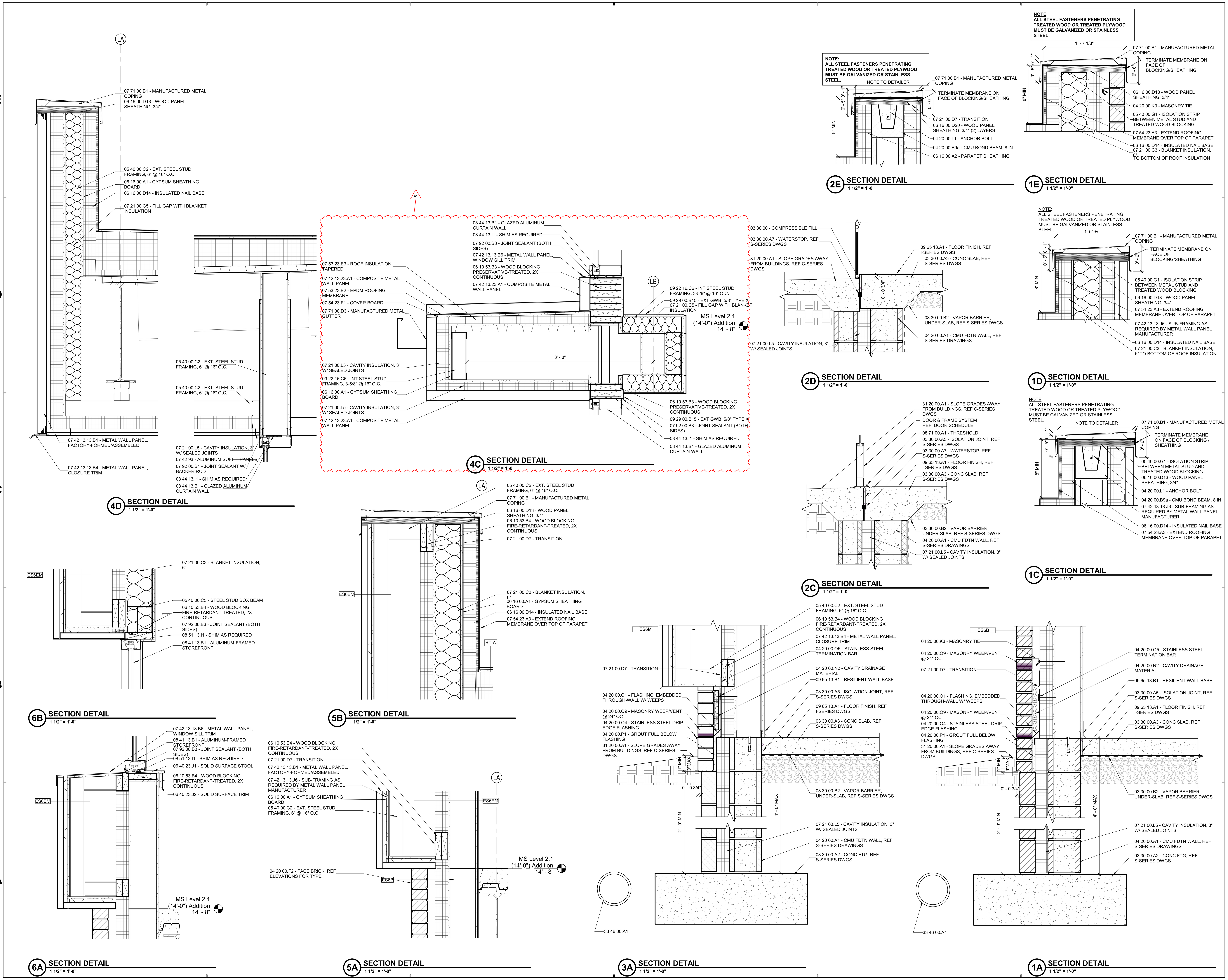
KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN HIGH SCHOOL / MIDDLE SCHOOL

BUILDING SECTIONS

2-A-300



SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

#	Revision	Date
A1	Addendum #1	09.15.2023

3431 N 400 W
Kokomo IN , 46901

KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

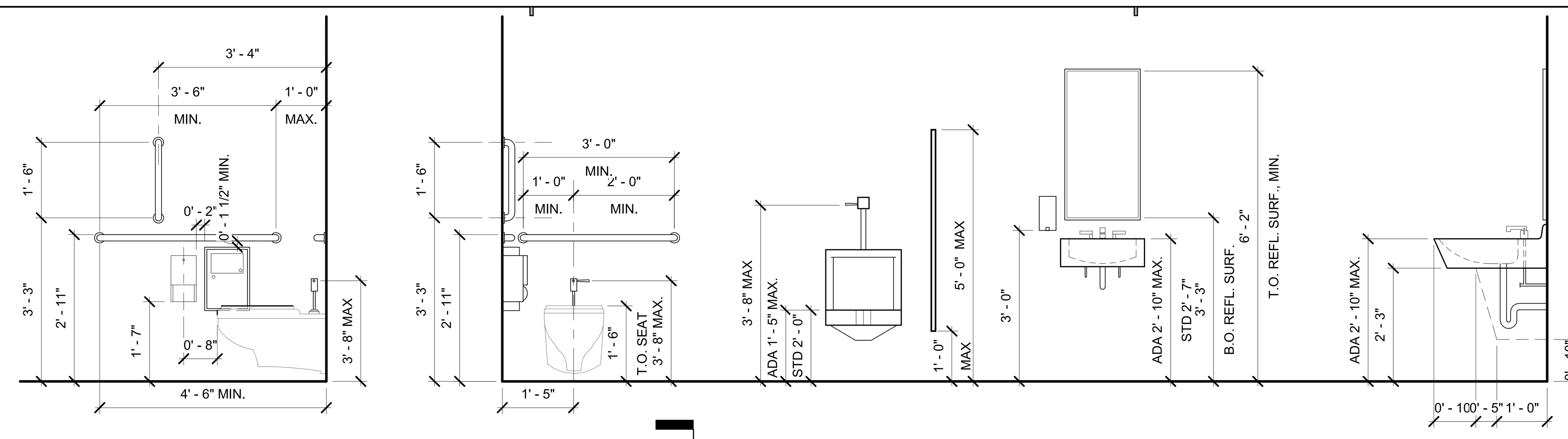
NORTHWESTERN HIGH SCHOOL / MIDDLE SCHOOL

WALL SECTION DETAILS

2-A-320

ENLARGED FLOOR PLAN NOTES

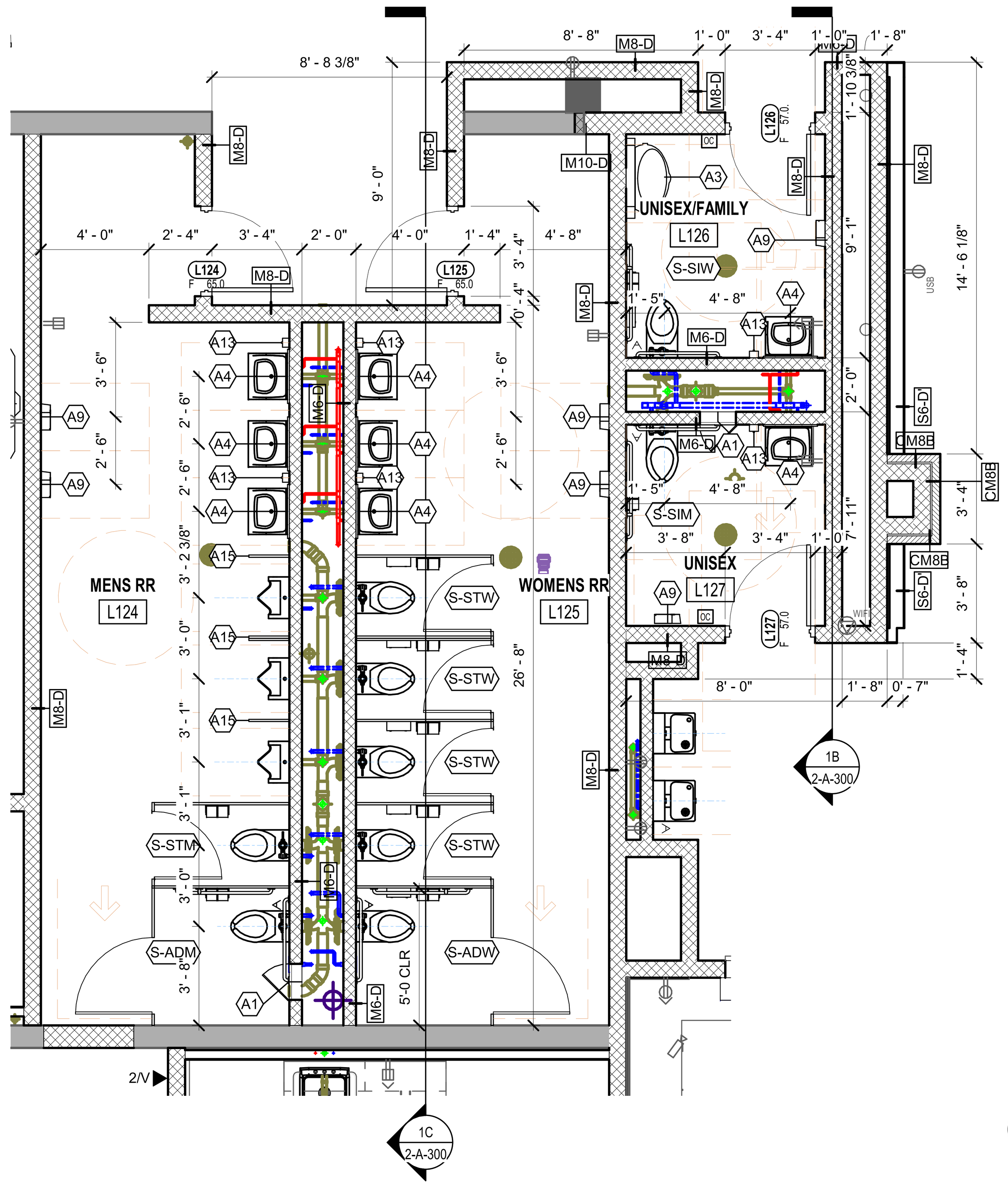
#	Note
1	PLUMBING FIXTURES TO BE REPLACED IN EXISTING LOCATIONS.



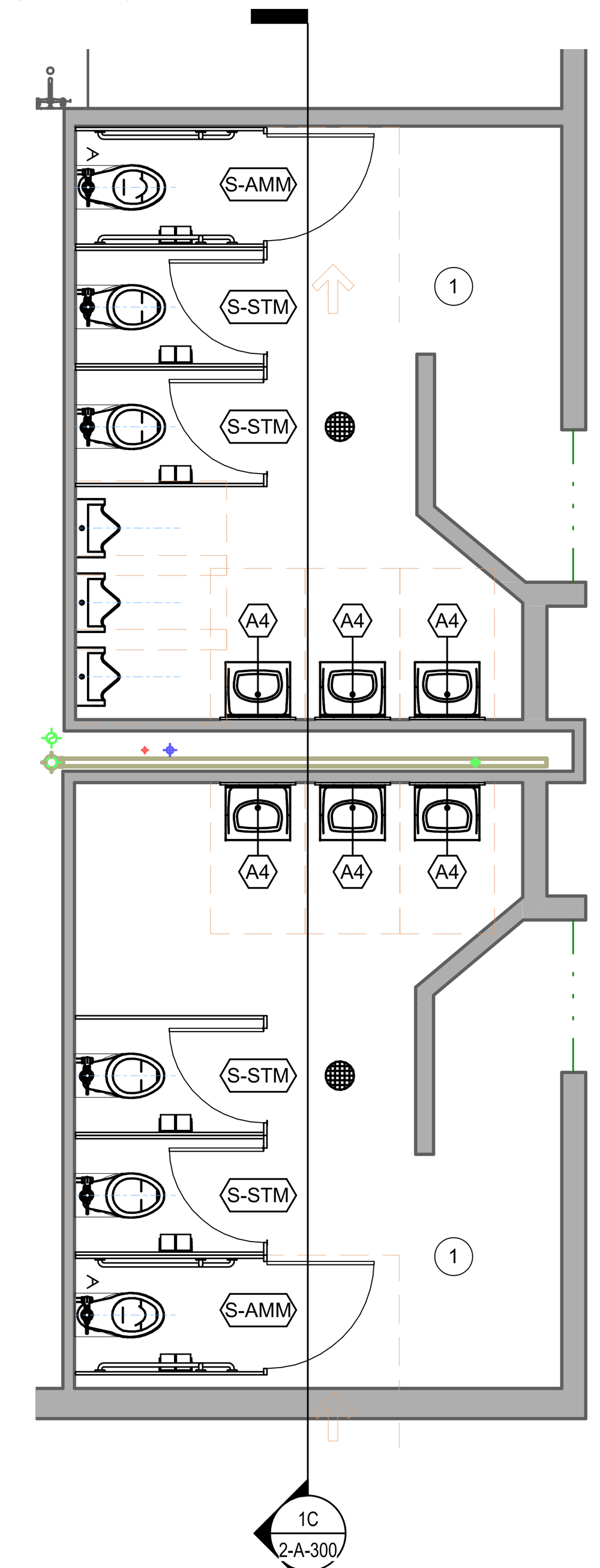
3E STANDARD RESTROOM ELEVATIONS
1/2" = 1'-0"

5.4.401 - RESTROOM ACCESSORY SCHEDULE

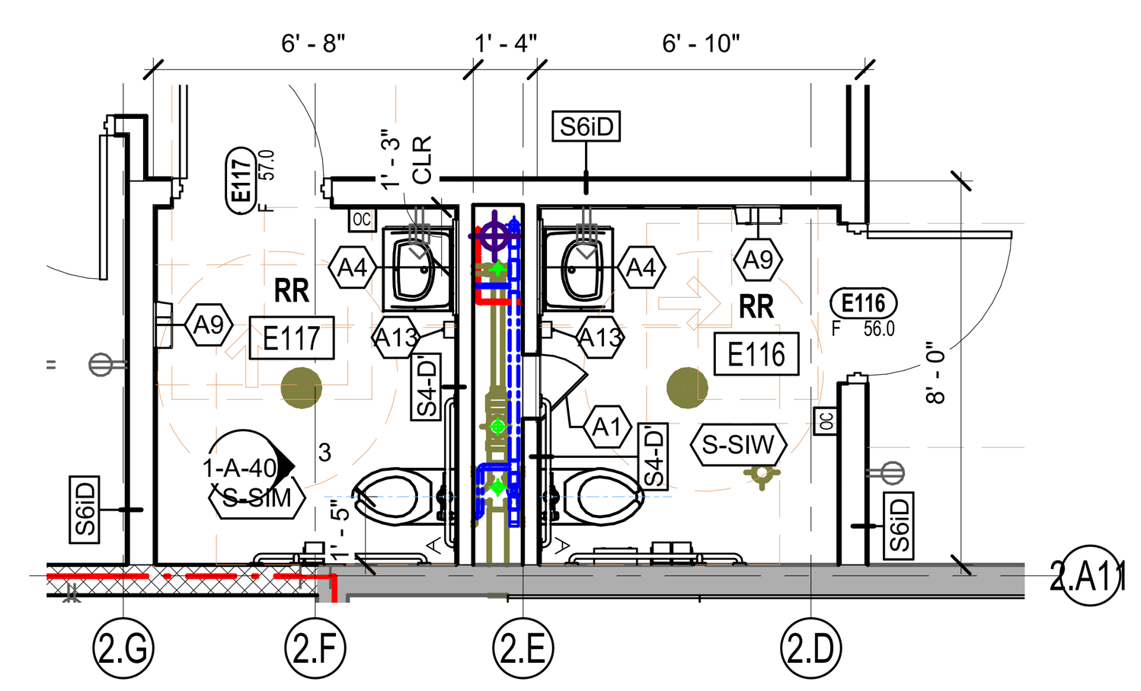
Type Mark	Keynote	Description	Mounting	Furnished By	Installed By
A1	08 31 13	ACCESS DOOR - 16" X 16"	BOTTOM @ 40" AFF	CONTRACTOR	CONTRACTOR
A2	10 28 00	GRAB BAR - 18" VERTICAL	BOTTOM @ 40" AFF	CONTRACTOR	CONTRACTOR
A3	10 28 00	CHANGING TABLE - SURFACE MOUNTED	UNDERSIDE OF BED @ 2' - 3" MIN AFF	CONTRACTOR	CONTRACTOR
A4	10 28 13	MIRROR - 24" X 36"	BOTTOM @ 4" ABOVE FIXTURE	CONTRACTOR	CONTRACTOR
A5	10 28 00	GRAB BAR - 36" HORIZONTAL	TOP @ 2'-11" AFF	CONTRACTOR	CONTRACTOR
A6	10 28 00	SHOWER CURTAIN ROD		CONTRACTOR	CONTRACTOR
A7	10 28 00	GRAB BAR - 42" HORIZONTAL	TOP @ 2'-11" AFF	CONTRACTOR	CONTRACTOR
A8	10 21 13	TOILET PARTITION	--	CONTRACTOR	CONTRACTOR
A9	10 28 00	HAND DRYER - SLIM	BOTTOM @ 42" AFF	CONTRACTOR	CONTRACTOR
A10	10 28 00	SHOWER GRAB BAR, BASIS OF DESIGN BOBRICK B-6861	BOTTOM @ 30" AFF	CONTRACTOR	CONTRACTOR
A11	10 28 00	FOLDING SHOWER SEAT, ADA		CONTRACTOR	CONTRACTOR
A12	10 28 00	SANITARY NAPKIN DISPOSAL - SURFACE	TOP @ 30" AFF	CONTRACTOR	CONTRACTOR
A13	10 28 00	SOAP DISPENSER	BOTTOM @ 4" ABOVE FIXTURE	OWNER	CONTRACTOR
A14	10 28 00	TOILET TISSUE DISPENSER - DOUBLE	BOTTOM @ 1'-6 AFF	CONTRACTOR	CONTRACTOR
A15	10 28 00	URINAL SCREEN	--	CONTRACTOR	CONTRACTOR
A16	10 28 00	PAPER TOWEL DISPENSER - SLIM	DISPENSER OPENING @ 42" AFF	OWNER	CONTRACTOR
A17	10 28 13	MIRROR - 18" X 48"	BOTTOM @ 4" ABOVE FIXTURE	CONTRACTOR	CONTRACTOR



6C UNIT L - MIDDLE SCHOOL FIRST FLOOR GANG RESTROOM
1/4" = 1'-0"



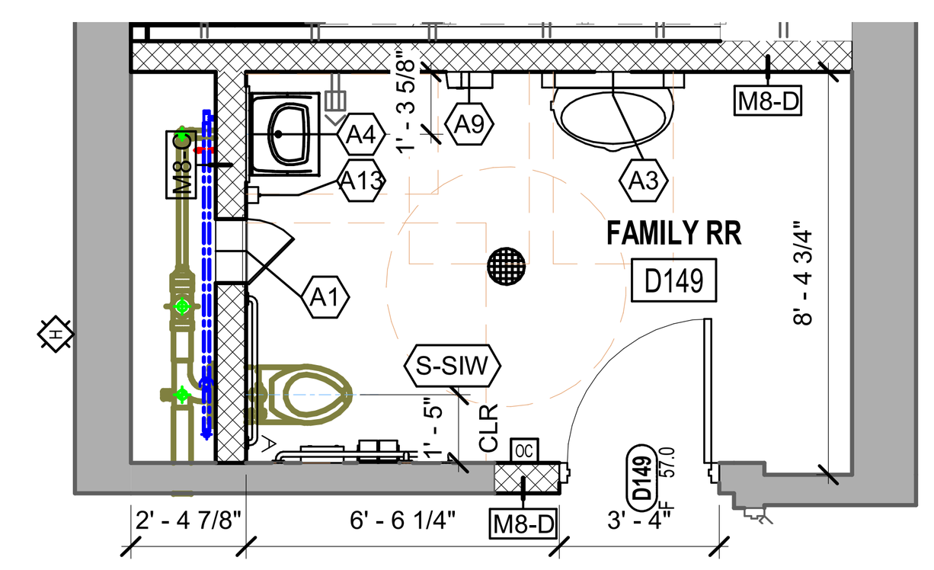
4C UNIT L - MIDDLE SCHOOL SECOND RESTROOM
1/4" = 1'-0"



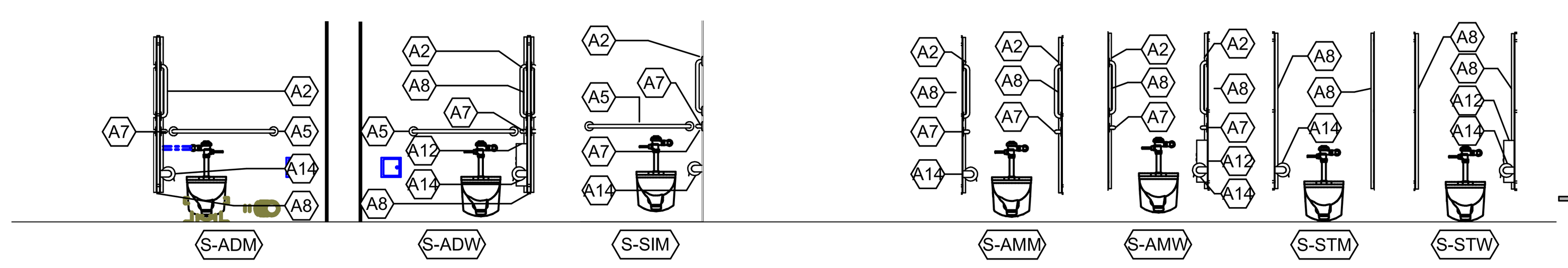
2D UNIT E - HIGH SCHOOL ADMIN RESTROOM
1/4" = 1'-0"

5.4.402 - RESTROOM STALL TYPES

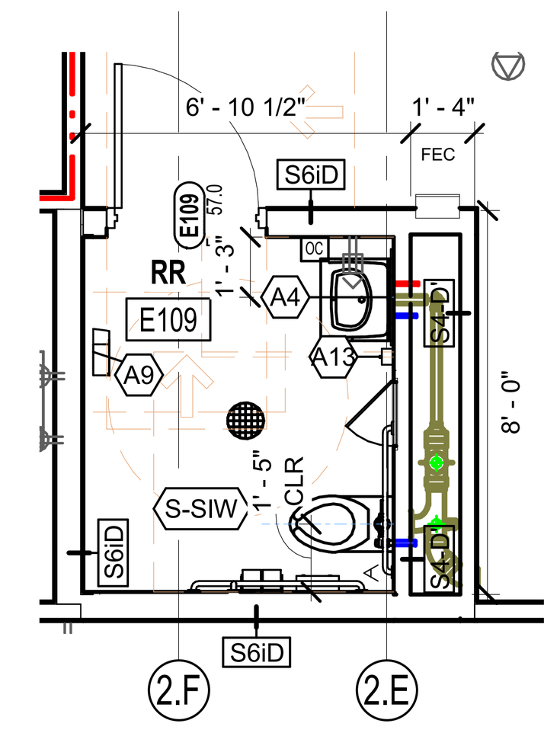
Toilet Stall Mark	Description
	ADA SHOWER STALL
S-ADM	ADA - MENS' STALL
S-ADW	ADA - WOMENS' STALL
S-AMM	AMBULATORY - MENS' STALL
S-AMW	AMBULATORY - WOMENS' STALL
S-SIM	SINGLE OCCUPANCY STALL
S-SIW	SINGLE OCCUPANCY STALL
S-STM	STANDARD - MENS' STALL
S-STW	STANDARD - WOMENS' STALL



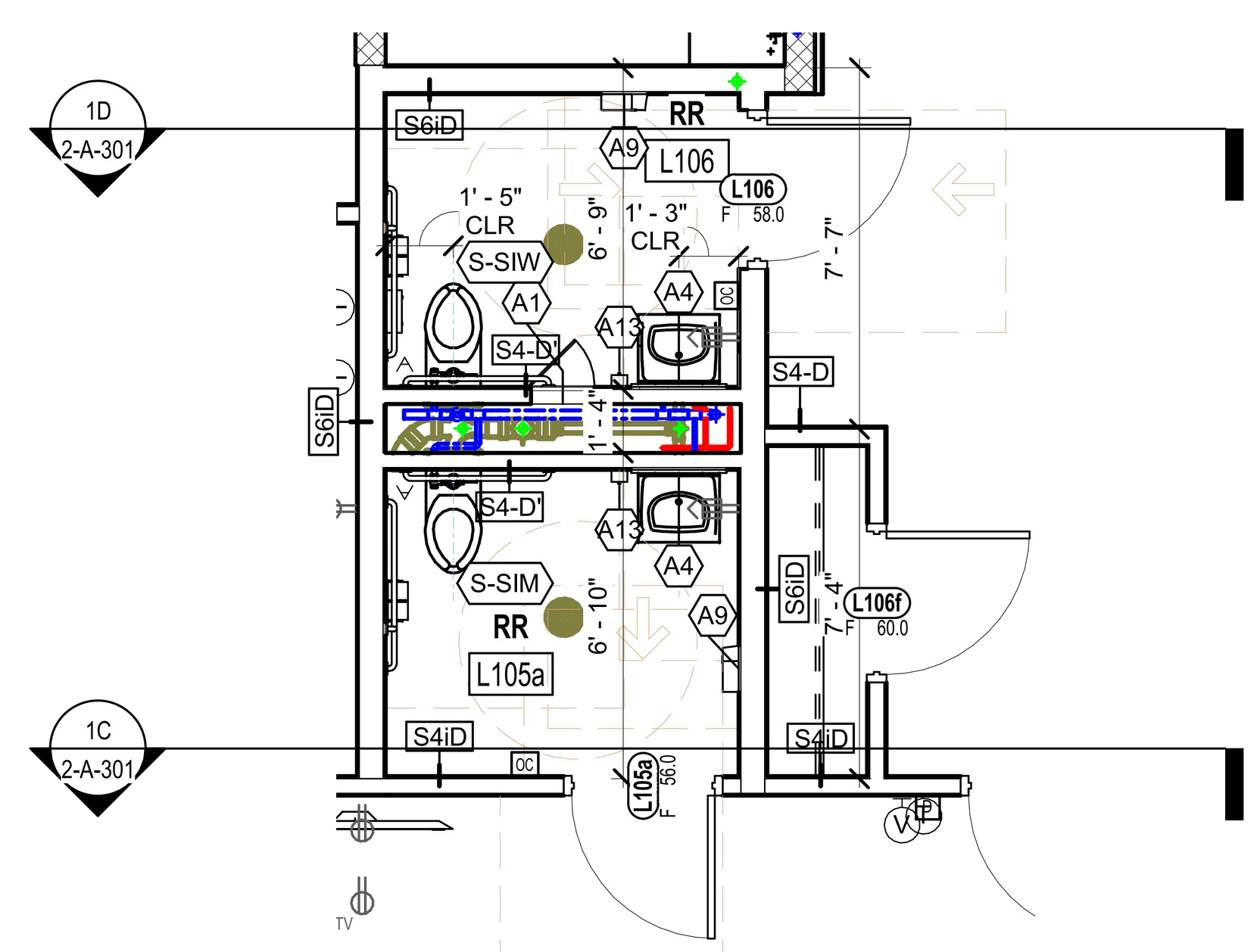
3C UNIT D - HIGH SCHOOL GUIDANCE RESTROOM
1/4" = 1'-0"



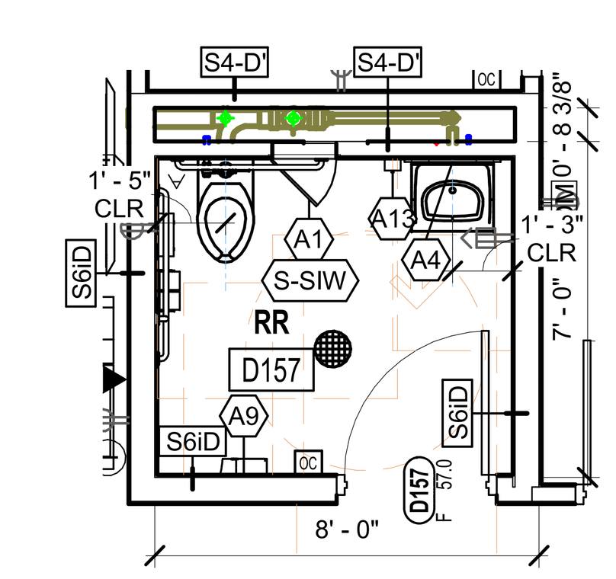
1C H-TOILET STALL TYPES
1/4" = 1'-0"



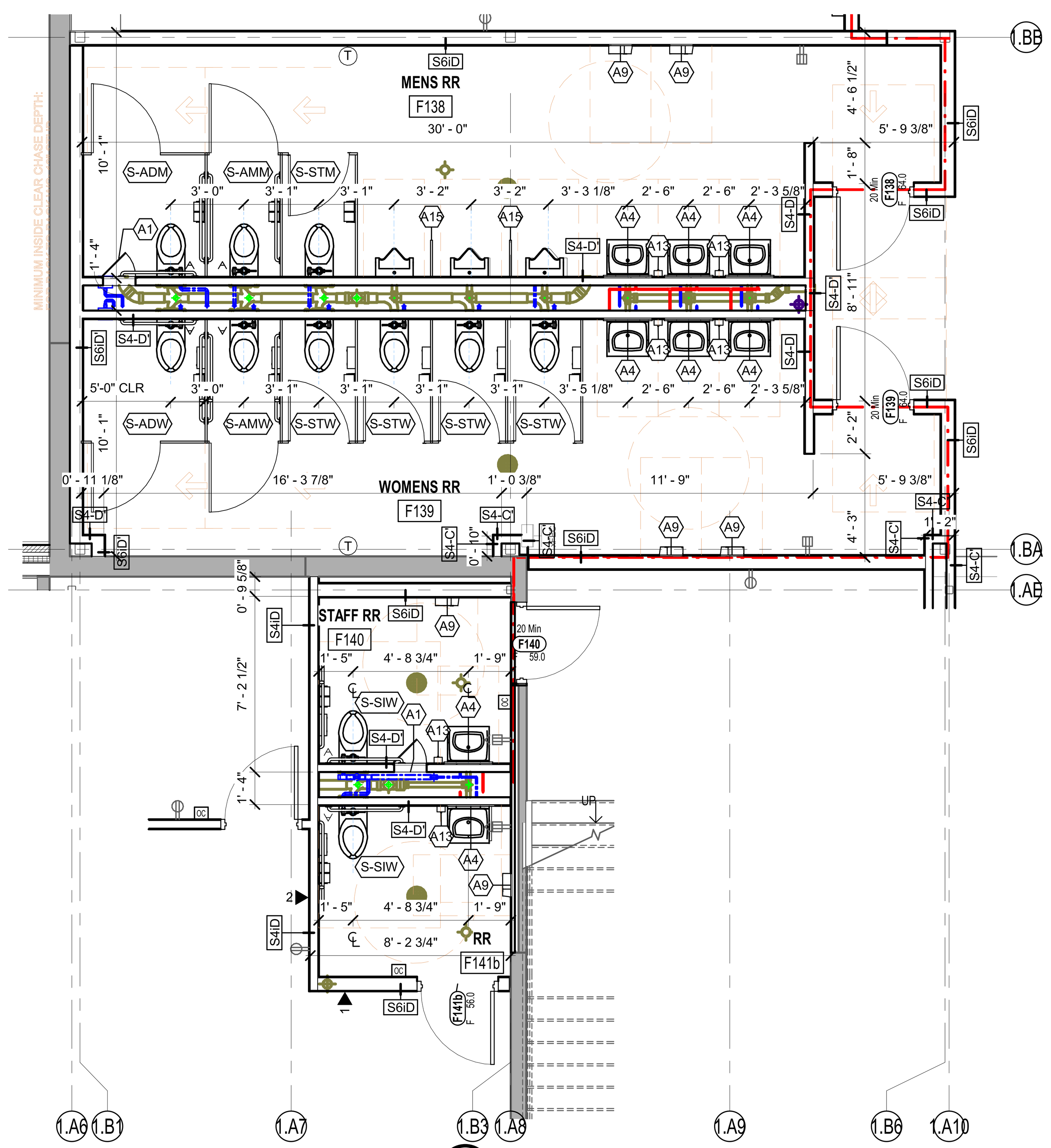
4B UNIT E - HIGH SCHOOL GUIDANCE RESTROOM
1/4" = 1'-0"



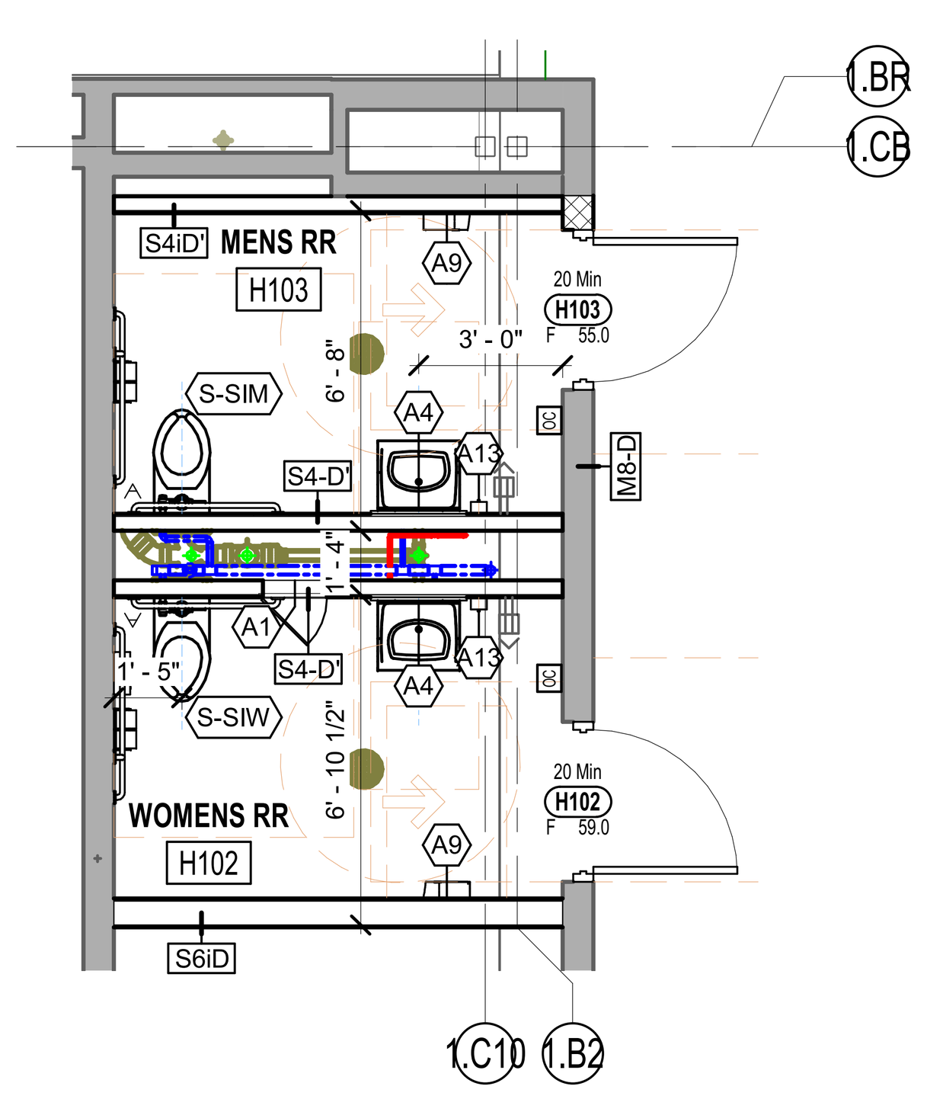
3B UNIT L - MIDDLE ADMIN RESTROOMS
1/4" = 1'-0"



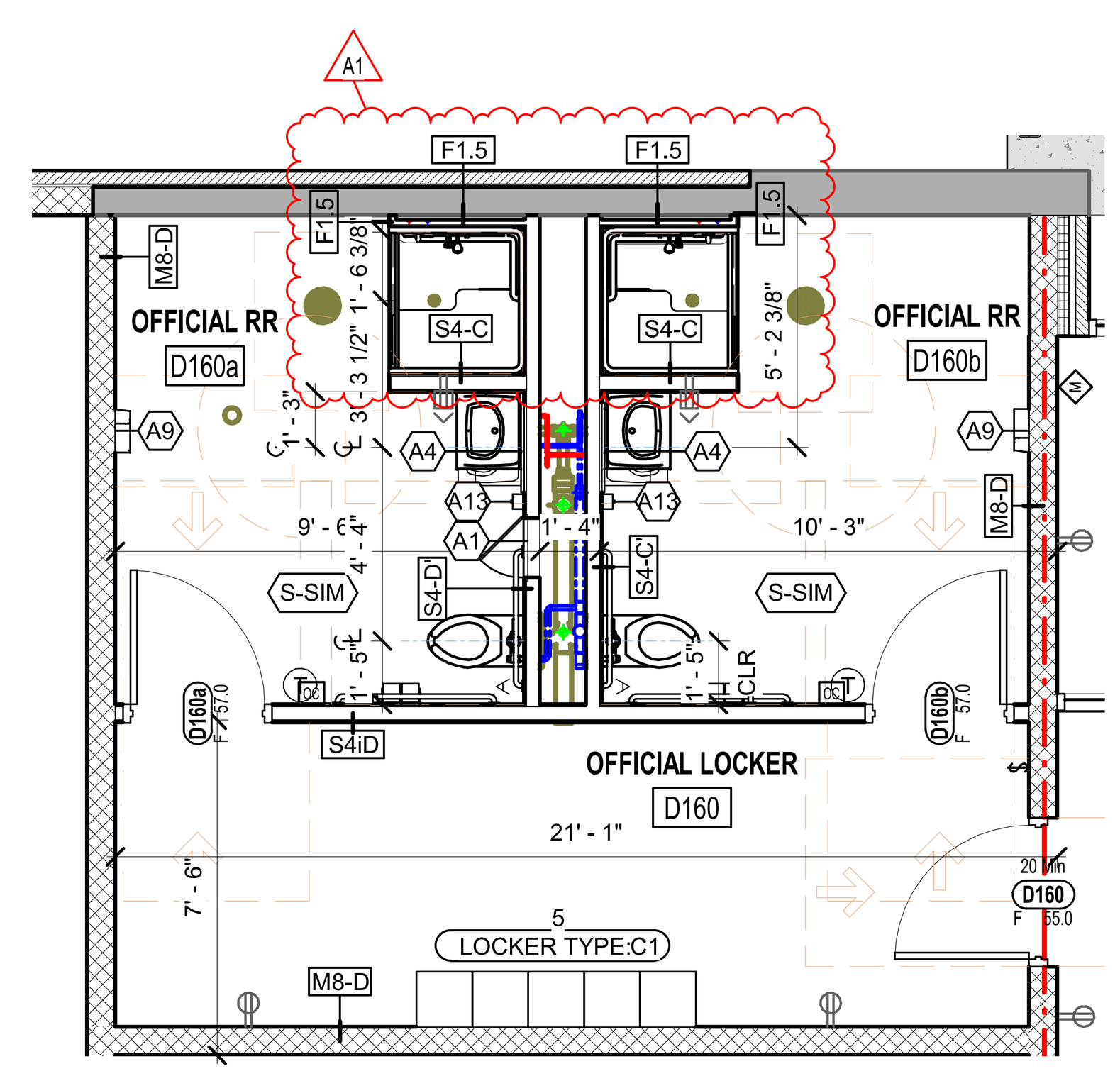
1B UNIT D - HIGH SCHOOL ADMIN RESTROOM
1/4" = 1'-0"



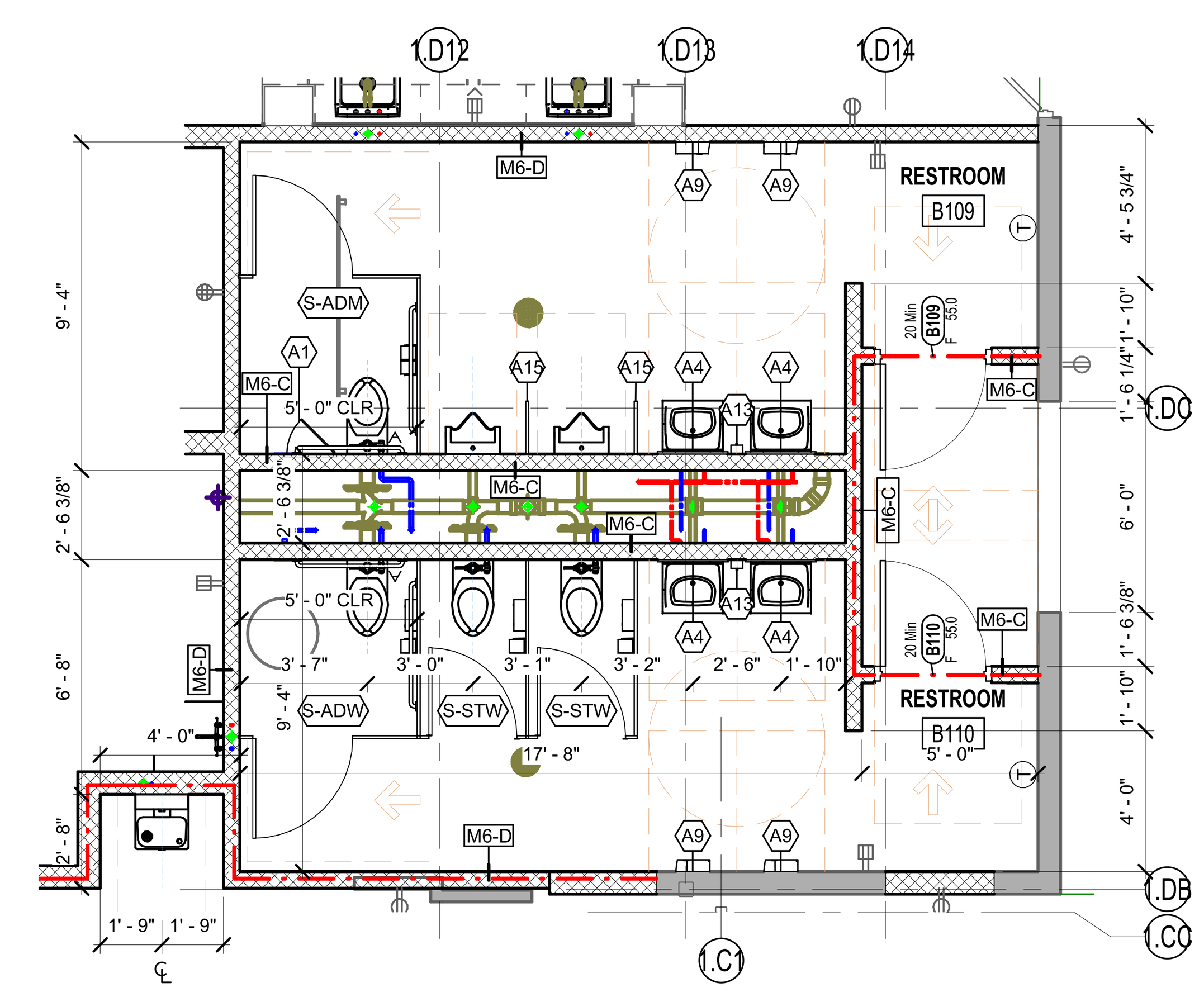
5A UNIT F - HIGH SCHOOL SOUTH GANG RESTROOM
1/4" = 1'-0"



3A UNIT E - HIGH SCHOOL MEDIA CENTER RESTROOMS
1/4" = 1'-0"



2A UNIT D - HIGH SCHOOL RESTROOM
1/4" = 1'-0"



1A UNIT B - HIGH SCHOOL CTE RESTROOM
1/4" = 1'-0"

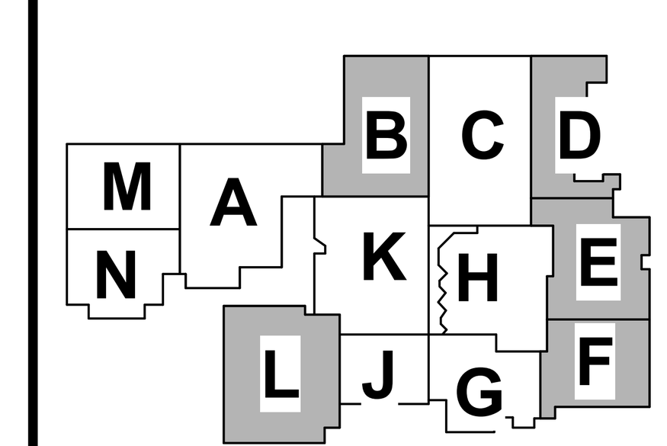
SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD REGISTERED ARCHITECT NO. AR10400134 STATE OF INDIANA

#	Revision	Date
A1	Addendum #1	09.15.2023

3431 N 400 W
Kokomo IN , 46901



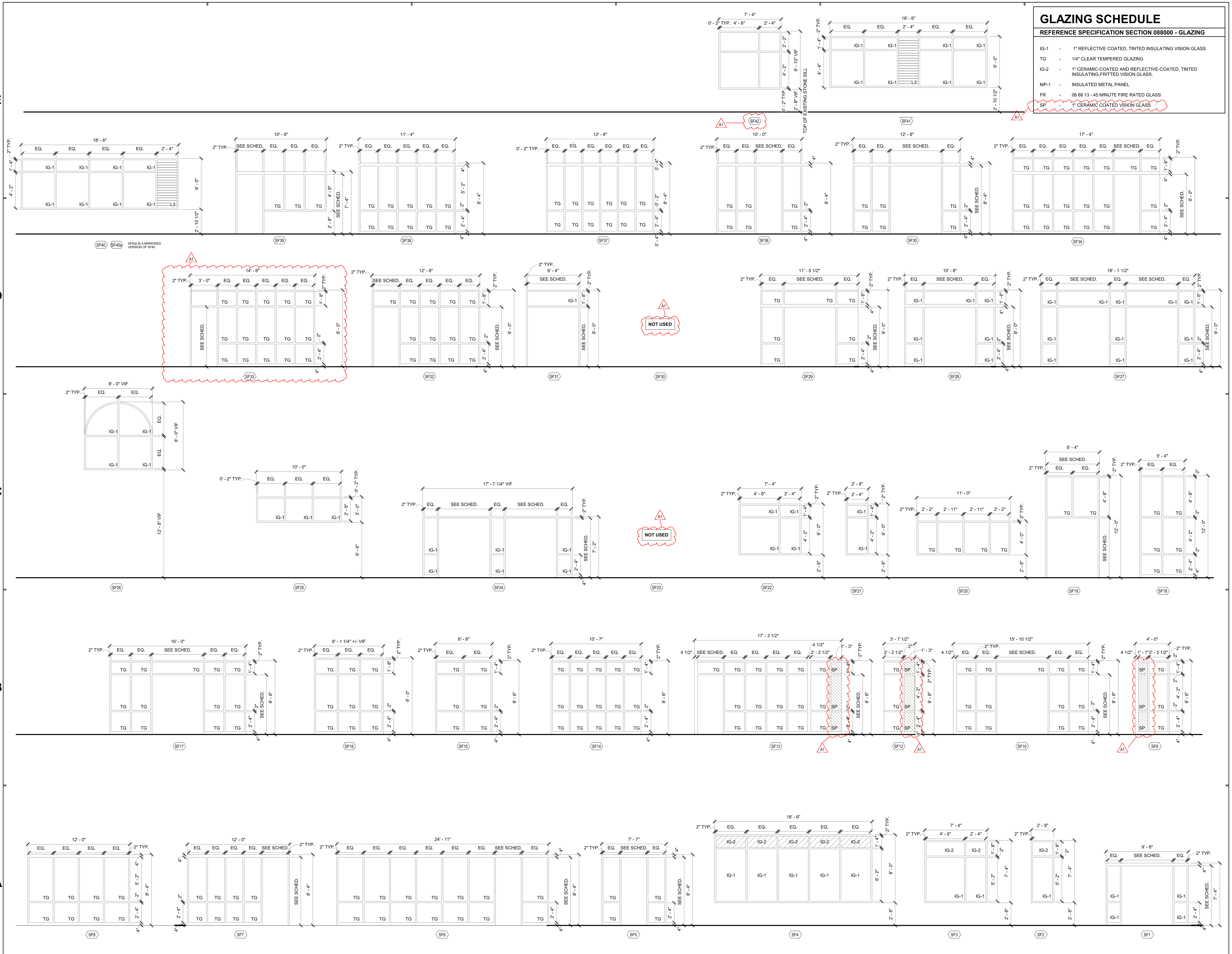
KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN HIGH SCHOOL / MIDDLE SCHOOL

ENLARGED PLANS

2-A-400



5.4.603 - STOREFRONT ELEVATIONS
1/4" = 1'-0"

GLAZING SCHEDULE

REFERENCE SPECIFICATION SECTION 088000 - GLAZING

IG-1	-	1" REFLECTIVE COATED, TINTED INSULATING VISION GLASS
TG	-	1/4" CLEAR TEMPERED GLAZING
IG-2	-	1" CERAMIC-COATED AND REFLECTIVE-COATED, TINTED INSULATING,FRITTED VISION GLASS.
MP-1	-	INSULATED METAL PANEL
FR	-	08 88 13 - 45 MINUTE FIRE RATED GLASS
SP	-	1" CERAMIC COATED VISION GLASS

SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

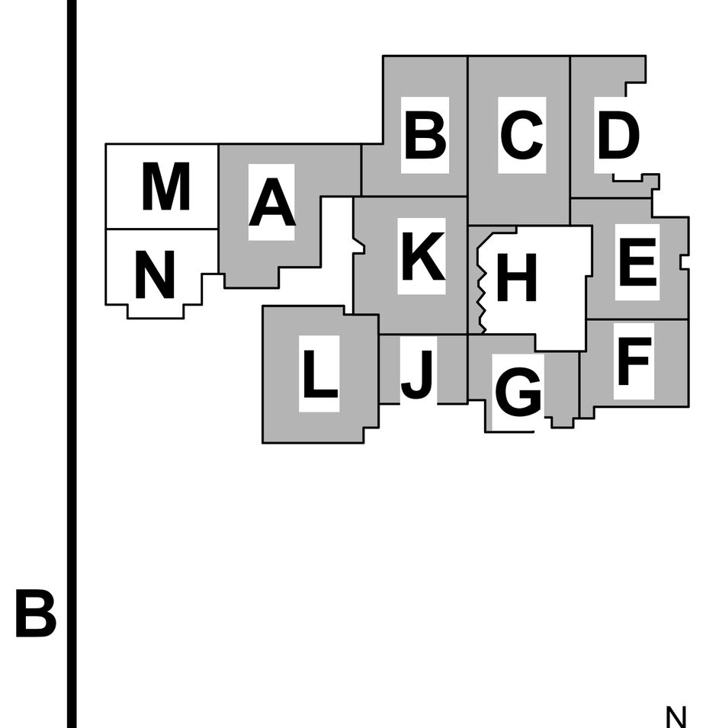
Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

Sarah K Hempstead

#	Revision	Date
A1	Addendum #1	09.15.2023

3431 N 400 W
Kokomo IN , 46901



KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

NORTHWESTERN HIGH SCHOOL / MIDDLE SCHOOL

FRAME ELEVATIONS

2-A-601

2A FIRST FLOOR DEMO PLAN
1/8" = 1'-0"

General Demolition Notes

A. Contractor shall field-verify all existing conditions, dimensions, and arrangements.

B. Contractor is responsible for protection of all existing surfaces, materials, and components to remain or be relocated. Damage to these resulting from performance of Work shall be repaired by Contractor to satisfaction of Owner and Architect at no additional expense to Owner.

C. Contractor shall provide temporary dust protection as required to prevent construction debris and dust from migrating out of Project Area. Owner/Architect shall confirm all dust prevention measures/locations and shall determine changes to these measures.

D. All existing equipment and fixtures shall remain property of Owner. All reusable items salvaged during demolition operations shall be retained for Owner's inspection. Only items so inspected and rejected by Owner shall be disposed. All other such items shall be turned over to Owner for disposition.

E. All existing surfaces located adjacent to, or exposed by demolition work and scheduled to receive new construction shall be patched and repaired as required to cleanly receive new work.

F. All existing surfaces located adjacent to, or exposed by demolition work and scheduled to remain exposed after completion of new const. shall be repaired and patched as required to receive new finishes.

G. Owner will be responsible for removal/rearrangement of all existing loose furnishings during construction, unless noted otherwise.

H. Refer to Mech./Elec. Drawings for additional patching and preparation work related to M.E.P. demolition items.

I. Existing sleeves, holes, and other penetrations or new damage of existing building structure above grade exposed by demolition and removal of piping, appurtenances, equipment shall be patched and repaired as part of the Work. Maintain fire ratings of all and adjacent construction affected.

J. Cap all piping to remain or abandoned in accordance with requirements of authority having jurisdiction and in accordance with all local and state plumbing and health codes. Utilize only pre-manufactured and approved fittings to cap existing piping.

K. Each Contractor is responsible for all demolition work required or noted for installation of new Work. Demolition may include associated distribution systems, appurtenances, equipment supporting controls, and miscellaneous supports, unless noted otherwise.

L. Coordinate all demolition with Project sequencing as directed by General Contractor or Construction Manager.

M. Contractor should be familiar with Preservation Brief 1, "The Cleaning and Water - Repellent Treatments of Masonry Buildings" and Preservation Brief 2, "Re-pointing Mortar Joints in Historic Masonry Building" and shall be guided by those requirements except where the specification is more stringent. www.nps.gov/history/phs/tps/briefs/presbhom.htm.

DEMOLITION FLOOR PLAN NOTES

#	NOTE
1	REMOVE EXISTING INTERIOR WALL CONSTRUCTION IN ITS ENTIRETY TO LIMITS INDICATED INCLUDING, BUT NOT LIMITED TO DOORS, FRAMES, WINDOWS AND ALL MISCELLANEOUS FRAMING. FIELD VERIFY ALL EXISTING WALL CONSTRUCTION PRIOR TO DEMOLITION. REFER TO ARCHITECTURAL AND INTERIOR FLOOR PLANS FOR FINISH CONDITIONS AND DIMENSIONS. NEW CONSTRUCTION TO TOOTH-IN TO EXISTING MASONRY COURSING WHERE APPLICABLE. PATCH AND REPAIR EXISTING ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION.
2	REMOVE EXISTING EXTERIOR WALL CONSTRUCTION TO 8" BELOW FINISH FLOOR LINE IN ITS ENTIRETY TO LIMITS INDICATED. REMOVE ALL DOORS, FRAMES, WINDOWS AND MISCELLANEOUS FRAMING IN ITS ENTIRETY. PROTECT ALL EXISTING STRUCTURAL MEMBERS TO REMAIN. PREPARE ADJACENT SURFACES TO REMAIN FOR NEW WORK. REFERENCE A-SERIES AND I-SERIES FLOOR PLANS FOR FINISH CONDITIONS. REFER TO SECTIONS(S) FOR FURTHER DEFINITION OF DEMOLITION WORK.
3	REMOVE EXISTING DOOR SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE DOOR, FRAME, SIDELIGHTS, GLAZING, HARDWARE AND ALL RELATED ANCHORS. PREP EXISTING OPENING FOR NEW CONSTRUCTION. PATCH AND REPAIR ALL ADJACENT SURFACES TO REMAIN FOR NEW CONSTRUCTION.
4	REMOVE EXISTING RAISED WOOD FLOORING IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO FLOORING, SLEEPERS, AND ALL ASSOCIATED BASE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
5	REMOVE EXISTING SUSPENDED LAY-IN PANEL CEILING SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE CEILING PADS, GRID, SUSPENSION WIRES, AND ALL RELATED ANCHORS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
6	REMOVE EXISTING CASEWORK IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO WALL CABINETS, BASE CABINETS, COUNTERTOPS, FILL PANELS, SINKS AND ALL RELATED TRIMS. PATCH AND REPAIR ALL EXISTING ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
7	REMOVE EXISTING ALUMINUM OR HOLLOW METAL STOREFRONT ENTRANCE SYSTEM IN ITS ENTIRETY. INCLUDING BUT NOT LIMITED TO ALL GLAZING, FRAMING, SEALANTS, DOORS, HARDWARE AND ACCESSORIES. PATCH AND REPAIR ADACENT AND EXPOSED SURFACES.
8	REMOVE EXISTING PLUMBING FIXTURES INCLUDING BUT NOT LIMITED TO DRINKING FOUNTAINS, TOILETS, SINKS, URINALS AND ALL RELATED ACCESSORIES IN THEIR ENTIRETY INCLUDING, BUT NOT LIMITED TO TOILET PARTITIONS, TOILET PAPER DISPENSERS, GRAB BARS, MIRRORS AND SOAP DISPENSERS. PATCH AND REPAIR ALL EXISTING SURFACES TO REMAIN. PREP SURFACE FOR NEW FINISH.
9	REMOVE EXISTING FLOOR FINISH IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO TILE, CARPET, ADHESIVES/TACK STRIPS, TRANSITION STRIPS AND ALL ASSOCIATED WALL BASE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
10	SIGNIFICANT CRACKING OF MORTAR JOINTS TO BE CUT OUT AND TUCKPOINTED ACCORDING TO PRESERVATION BRIEF.
11	REMOVE EXISTING STAIR AND RAILING AS NECESSARY TO INFILL FLOOR LEVEL.
12	RS. PREP EXISTING OPENING FOR NEW CONSTRUCTION. PATCH AND REPAIR ALL ADJACENT SURFACES TO REMAIN FOR NEW CONSTRUCTION.
13	REMOVE EXISTING EXTERIOR STAIRS IN THEIR ENTIRETY FOR NEW CONSTRUCTION INCLUDING BUT NOT LIMITED TO: STAIRS, STAIR SEAT WALLS, AND HANDRAILS. PREPARE ARE TO RECEIVE NEW CONSTRUCTION. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. REFERENCE CIVIL DRAWINGS.
14	REMOVE EXISTING PLASTER WALL SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO PLASTER, LATH, AND ALL ASSOCIATED ANCHORS. PATCH AND REPAIR ALL EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
15	DEMO COURSE OF BRICK ON ENTIRETY OF WALL. PREP SURFACE FOR NEW CONSTRUCTION AND FINISH.
16	CAREFULLY REMOVE EXISTING GLAZING AS REQUIRED FOR NEW LOUVER. EXISTING FRAME TO REMAIN. PREP FOR NEW LOUVER.

A1

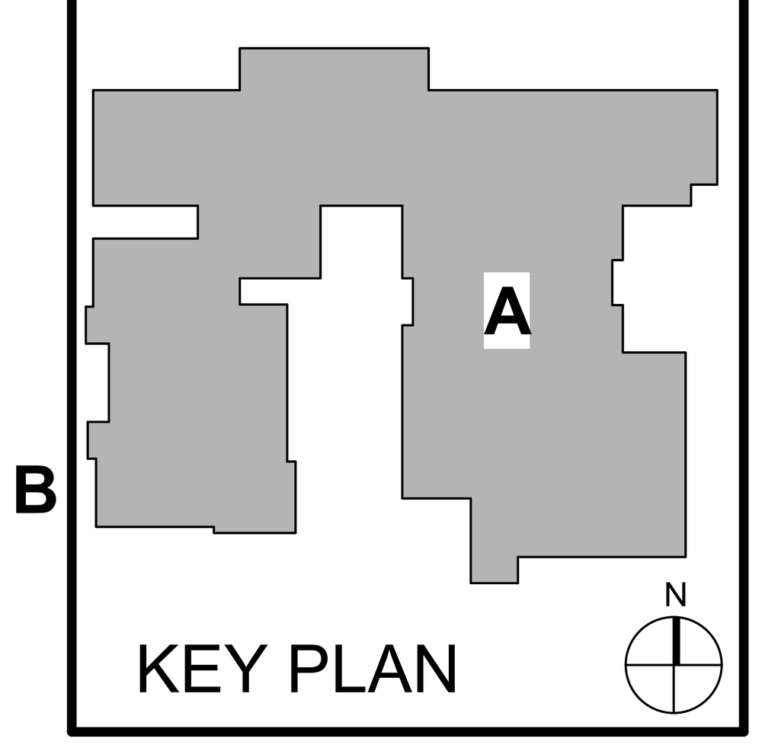
SCHMIDT
ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD
REGISTERED
NO. AR10400134
STATE OF INDIANA
ARCHITECT

#	Revision	Date
A1	Addendum #1	09.15.2023

3526 N 300 E
Kokomo, IN 46901



KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

HOWARD ELEMENTARY SCHOOL

FIRST FLOOR DEMO PLAN

3-AD1A1

DEMOLITION FLOOR PLAN NOTES

#	NOTE
1	REMOVE EXISTING INTERIOR WALL CONSTRUCTION IN ITS ENTIRETY TO LIMITS INDICATED INCLUDING, BUT NOT LIMITED TO DOORS, FRAMES, WINDOWS AND ALL MISCELLANEOUS FRAMING. FIELD VERIFY ALL EXISTING WALL CONSTRUCTION PRIOR TO DEMOLITION. REFER TO ARCHITECTURAL AND INTERIOR FLOOR PLANS FOR FINISH CONDITIONS AND DIMENSIONS. NEW CONSTRUCTION TO TOOTH-IN TO EXISTING MASONRY COURSING WHERE APPLICABLE. PATCH AND REPAIR EXISTING ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION.
2	REMOVE EXISTING EXTERIOR WALL CONSTRUCTION TO 8" BELOW FINISH FLOOR LINE IN ITS ENTIRETY TO LIMITS INDICATED. REMOVE ALL DOORS, FRAMES, WINDOWS AND MISCELLANEOUS FRAMING IN ITS ENTIRETY. PROTECT ALL EXISTING STRUCTURAL MEMBERS TO REMAIN. PREPARE ADJACENT SURFACES TO REMAIN FOR NEW WORK. REFERENCE A-SERIES AND I-SERIES FLOOR PLANS FOR FINISH CONDITIONS. REFER TO SECTIONS(S) FOR FURTHER DEFINITION OF DEMOLITION WORK.
3	REMOVE EXISTING DOOR SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE DOOR, FRAME, SIDELIGHTS, GLAZING, HARDWARE AND ALL RELATED ANCHORS. PREP EXISTING OPENING FOR NEW CONSTRUCTION. PATCH AND REPAIR ALL ADJACENT SURFACES TO REMAIN FOR NEW CONSTRUCTION.
4	REMOVE EXISTING RAISED WOOD FLOORING IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO FLOORING, SLEEPERS, AND ALL ASSOCIATED BASE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
5	REMOVE EXISTING SUSPENDED LAY-IN PANEL CEILING SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO THE CEILING PADS, GRID, SUSPENSION WIRES, AND ALL RELATED ANCHORS. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
6	REMOVE EXISTING CASEWORK IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO WALL CABINETS, BASE CABINETS, COUNTERTOPS, FILL PANELS, SINKS AND ALL RELATED TRIMS. PATCH AND REPAIR ALL EXISTING ADJACENT SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
7	REMOVE EXISTING ALUMINUM OR HOLLOW METAL STOREFRONT ENTRANCE SYSTEM IN ITS ENTIRETY. INCLUDING BUT NOT LIMITED TO ALL GLAZING, FRAMING, SEALANTS, DOORS, HARDWARE AND ACCESSORIES. PATCH AND REPAIR ADACENT AND EXPOSED SURFACES.
8	REMOVE EXISTING PLUMBING FIXTURES INCLUDING BUT NOT LIMITED TO DRINKING FOUNTAINS, TOILETS, SINKS, URINALS AND ALL RELATED ACCESSORIES IN THEIR ENTIRETY INCLUDING, BUT NOT LIMITED TO TOILET PARTITIONS, TOILET PAPER DISPENSERS, GRAB BARS, MIRRORS AND SOAP DISPENSERS. PATCH AND REPAIR ALL EXISTING SURFACES TO REMAIN. PREP SURFACE FOR NEW FINISH.
9	REMOVE EXISTING FLOOR FINISH IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO TILE, CARPET, ADHESIVES/TACK STRIPS, TRANSITION STRIPS AND ALL ASSOCIATED WALL BASE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
10	SIGNIFICANT CRACKING OF MORTAR JOINTS TO BE CUT OUT AND TUCKPOINTED ACCORDING TO PRESERVATION BRIEF.
11	REMOVE EXISTING STAIR AND RAILING AS NECESSARY TO INFILL FLOOR LEVEL.
12	RS. PREP EXISTING OPENING FOR NEW CONSTRUCTION. PATCH AND REPAIR ALL ADJACENT SURFACES TO REMAIN FOR NEW CONSTRUCTION.
13	REMOVE EXISTING EXTERIOR STAIRS IN THEIR ENTIRETY FOR NEW CONSTRUCTION INCLUDING BUT NOT LIMITED TO: STAIRS, STAIR SEAT WALLS, AND HANDRAILS. PREPARE ARE TO RECEIVE NEW CONSTRUCTION. PATCH AND REPAIR EXISTING SURFACES TO REMAIN. REFERENCE CIVIL DRAWINGS.
14	REMOVE EXISTING PLASTER WALL SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO PLASTER, LATH, AND ALL ASSOCIATED ANCHORS. PATCH AND REPAIR ALL EXISTING SURFACES TO REMAIN AND PREP FOR NEW CONSTRUCTION/FINISH.
15	DEMO COURSE OF BRICK ON ENTIRETY OF WALL. PREP SURFACE FOR NEW CONSTRUCTION AND FINISH.
16	CAREFULLY REMOVE EXISTING GLAZING AS REQUIRED FOR NEW LOUVER. EXISTING FRAME TO REMAIN. PREP FOR NEW LOUVER.

A1

General Demolition Notes

A. Contractor shall field-verify all existing conditions, dimensions, and arrangements.

B. Contractor is responsible for protection of all existing surfaces, materials, and components to remain or be relocated. Damage to these resulting from performance of Work shall be repaired by Contractor to satisfaction of Owner and Architect at no additional expense to Owner.

C. Contractor shall provide temporary dust protection as required to prevent construction debris and dust from migrating out of Project Area. Owner/Architect shall confirm all dust prevention measures/locations and shall determine changes to these measures.

D. All existing equipment and fixtures shall remain property of Owner. All reusable items salvaged during demolition operations shall be retained for Owner's inspection. Only items so inspected and rejected by Owner shall be disposed. All other such items shall be turned over to Owner for disposition.

E. All existing surfaces located adjacent to, or exposed by demolition work and scheduled to receive new construction shall be patched and repaired as required to cleanly receive new work.

F. All existing surfaces located adjacent to, or exposed by demolition work and scheduled to remain exposed after completion of new const. shall be repaired and patched as required to receive new finishes.

G. Owner will be responsible for removal/rearrangement of all existing loose furnishings during construction, unless noted otherwise.

H. Refer to Mech./Elec. Drawings for additional patching and preparation work related to M.E.P. demolition items.

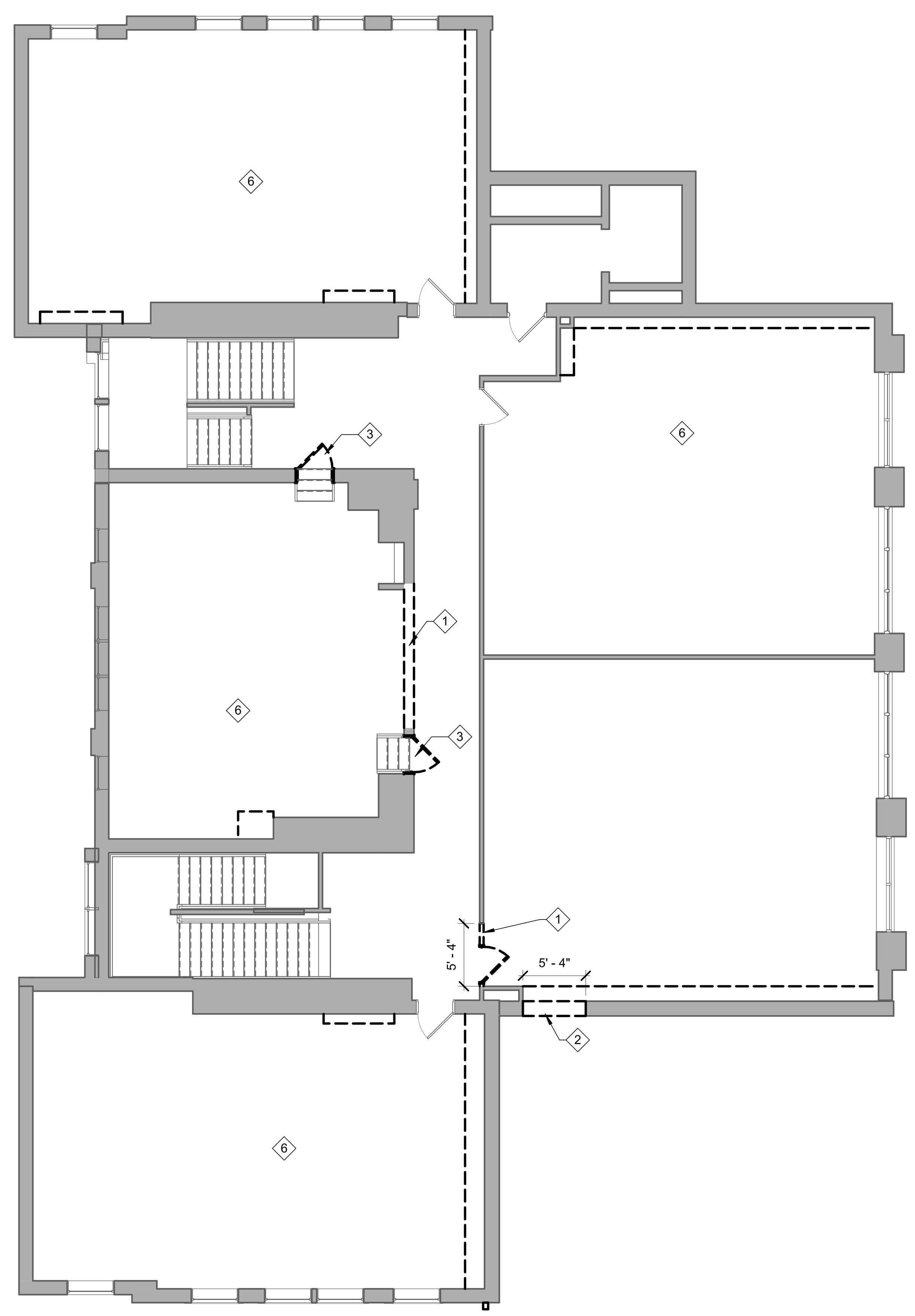
I. Existing sleeves, holes, and other penetrations or new damage of existing building structure above grade exposed by demolition and removal of piping, appurtenances, equipment shall be patched and repaired as part of the Work. Maintain fire ratings of all and adjacent construction affected.

J. Cap all piping to remain or abandoned in accordance with requirements of authority having jurisdiction and in accordance with all local and state plumbing and health codes. Utilize only pre-manufactured and approved fittings to cap existing piping.

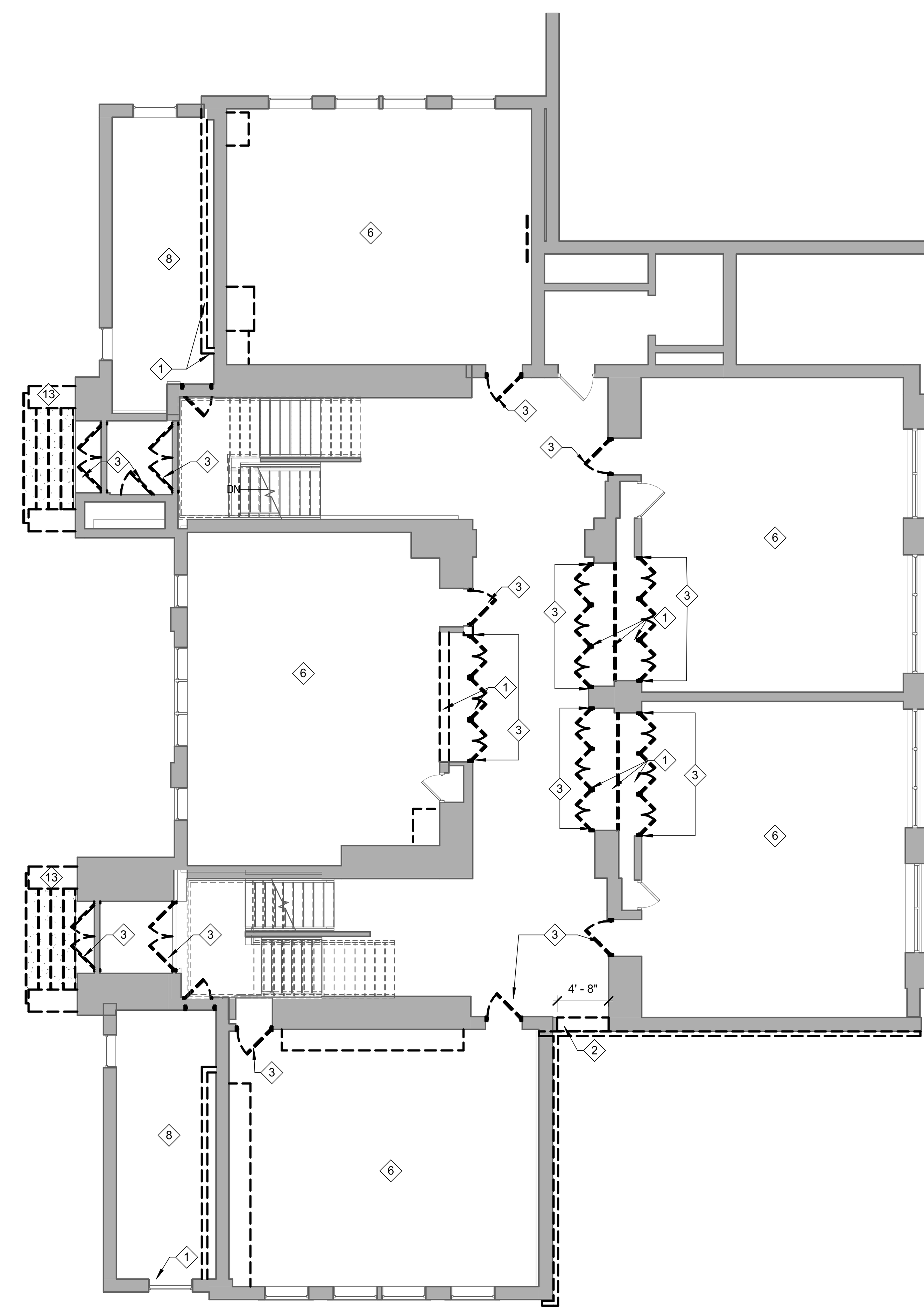
K. Each Contractor is responsible for all demolition work required or noted for installation of new Work. Demolition may include associated distribution systems, appurtenances, equipment supporting controls, and miscellaneous supports, unless noted otherwise.

L. Coordinate all demolition with Project sequencing as directed by General Contractor or Construction Manager.

M. Contractor should be familiar with Preservation Brief 1, "The Cleaning and Water - Repellent Treatments of Masonry Buildings" and Preservation Brief 2, "Re-pointing Mortar Joints in Historic Masonry Building" and shall be guided by those requirements except where the specification is more stringent. www.nps.gov/history/phs/tps/briefs/presbhom.htm.



4A THIRD FLOOR DEMO PLAN
1/8" = 1'-0"



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

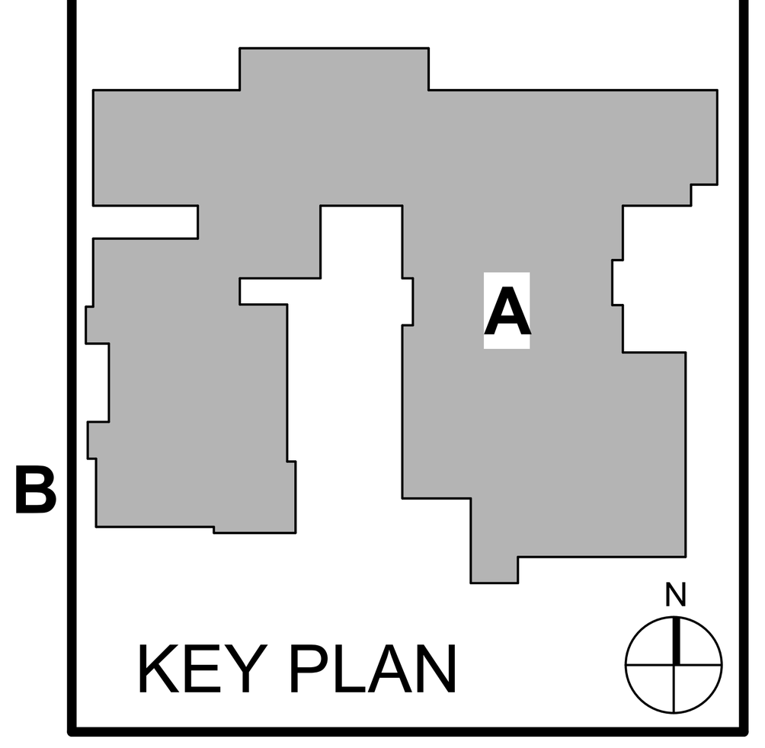
SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

#	Revision	Date
A1	Addendum #1	09.15.2023

3526 N 300 E
Kokomo, IN 46901



KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

HOWARD ELEMENTARY SCHOOL

SECOND/THIRD FLOOR DEMO PLAN

3-AD1A2

General Plan Notes

A. All dimensions shown are to face of stud or masonry, unless noted otherwise. Dimensions designated as "CLR or "clear" indicate a clear dimension from face of finish to face of finish. Dimensions of exterior walls are to outside edge of foundation.

B. All openings for Mechanical, Plumbing, Fire Protection and Electrical shall be fire stopped at each floor penetration.

C. Provide bracing and blocking as required in walls supporting casework, tackboards, markerboards, and restroom accessories. Provide blocking for paper towel and soap dispensors at all new sink locations.

D. All door frames are located 4" from adjacent wall, unless noted otherwise.

E. All exposed outside corners of CMU shall be bullnosed.

F. Seal all joints between dissimilar materials.

G. All gypsum wallboard is 5/8" Type "X", unless noted otherwise.

H. Where new floors meet existing floors, a smooth, straight, and flush transition shall be constructed. Verify in field existing floor elevations and conditions where a new floor shall be constructed adjacent. Trim and patch existing floor as required to achieve desired transition.

I. All exterior windows are Type "W1", unless noted otherwise.

J. All interior walls are Type "S4-D", unless noted otherwise.

K. Base elevation is 0'-0" = XXX.X' (United States Geological Survey data).

L. Hatching within walls shown in plans and sections indicates new construction.

FLOOR PLAN NOTES

#	Note
1	08 71 00 - ADA AUTOMATIC OPERATOR. COORDINATE LOCATION WITH ARCHITECT.
2	ACCESS CONTROL CARD READER. REFER TO T-SERIES DWGS.
3	INTERCOM - TALK/VIDEO. REFER TO T-SERIES DRAWINGS.
4	PANIC BUTTON ON MILLWORK. REFER TO T-SERIES DRAWINGS.
5	08 71 00 - LOCK/UNLOCK SWITCH FROM RECEPTION DESK FOR 3 DOORS.
6	INFILL EXISTING WALL TO MATCH EXISTING ADJACENT MATERIALS. TOOTH-IN NEW MASONRY WHERE APPLICABLE.
7	03 30 00 - INFILL EXISTING SLAB TO LEVEL. REF. S-SERIES DRAWINGS. PREP FOR NEW FLOOR FINISH.
8	PROVIDE NEW CASED OPENING AT LOCATION OF EXISTING DOOR.
9	LOCATION OF OWNER PROVIDED CHANGING POWERED CHANGING TABLE
10	NEW CASED OPENING IN EXISTING EXTERIOR WALL. REFER TO S-SERIES DRAWINGS FOR LINTEL.
11	ALIGN FACE OF NEW WALL/INFILL WITH ADJACENT WALL FACE/OPENING.
12	EXISTING WINDOW TO REMAIN, LOUVER TO BE ADDED FOR MECHANICAL WORK. SEE FRAME ELEVATIONS. COORDINATE WITH M-SERIES DWGS.

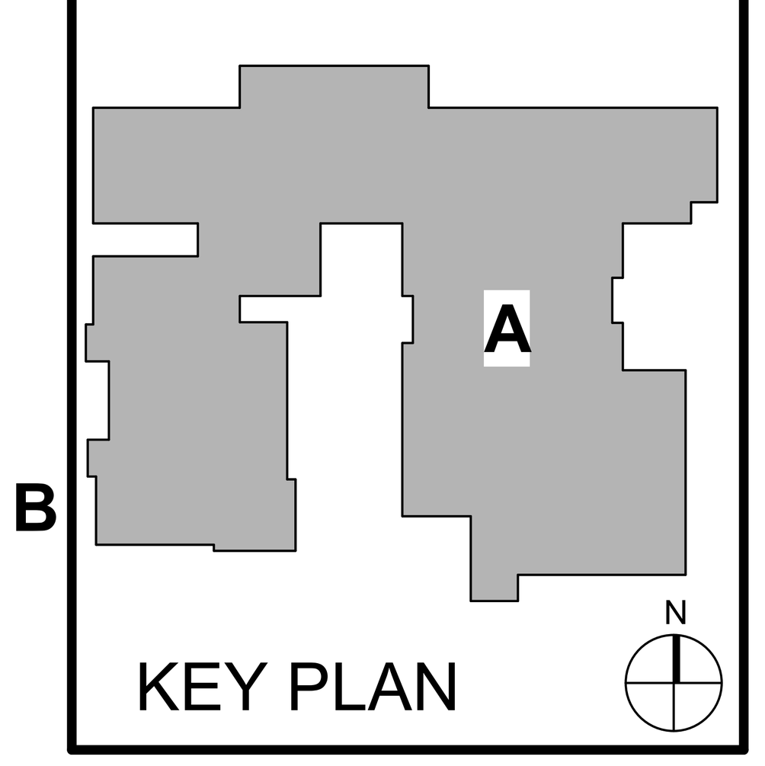
SCHMIDT
ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD REGISTERED ARCHITECT NO. AR10400134 STATE OF INDIANA

#	Revision	Date
A1	Addendum #1	09.15.2023

3526 N 300 E
Kokomo, IN 46901



KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

HOWARD ELEMENTARY SCHOOL

FIRST FLOOR PLAN

3-AF1A1

FLOOR PLAN NOTES

#	Note
1	08 71 00 - ADA AUTOMATIC OPERATOR. COORDINATE LOCATION WITH ARCHITECT.
2	ACCESS CONTROL CARD READER. REFER TO T-SERIES DWGS.
3	INTERCOM - TALK/VIDEO. REFER TO T-SERIES DRAWINGS.
4	PANIC BUTTON ON MILLWORK. REFER TO T-SERIES DRAWINGS.
5	08 71 00 - LOCK/UNLOCK SWITCH FROM RECEPTION DESK FOR 3 DOORS.
6	INFILL EXISTING WALL TO MATCH EXISTING ADJACENT MATERIALS. TOOTH-IN NEW MASONRY WHERE APPLICABLE.
7	03 30 00 - INFILL EXISTING SLAB TO LEVEL. REF. S-SERIES DRAWINGS. PREP FOR NEW FLOOR FINISH.
8	PROVIDE NEW CASED OPENING AT LOCATION OF EXISTING DOOR.
9	LOCATION OF OWNER PROVIDED CHANGING POWERED CHANGING TABLE
10	NEW CASED OPENING IN EXISTING EXTERIOR WALL. REFER TO S-SERIES DRAWINGS FOR LINTEL.
11	ALIGN FACE OF NEW WALL/INFILL WITH ADJACENT WALL FACE/OPENING.
12	EXISTING WINDOW TO REMAIN, LOUVER TO BE ADDED FOR MECHANICAL WORK. SEE FRAME ELEVATIONS. COORDINATE WITH M-SERIES DWGS.

A1

General Plan Notes

A. All dimensions shown are to face of stud or masonry, unless noted otherwise. Dimensions designated as "CLR or "clear" indicate a clear dimension from face of finish to face of finish. Dimensions of exterior walls are to outside edge of foundation.

B. All openings for Mechanical, Plumbing, Fire Protection and Electrical shall be fire stopped at each floor penetration.

C. Provide bracing and blocking as required in walls supporting casework, tackboards, markerboards, and restroom accessories. Provide blocking for paper towel and soap dispensors at all new sink locations.

D. All door frames are located 4" from adjacent wall, unless noted otherwise.

E. All exposed outside corners of CMU shall be bullnosed.

F. Seal all joints between dissimilar materials.

G. All gypsum wallboard is 5/8" Type "X", unless noted otherwise.

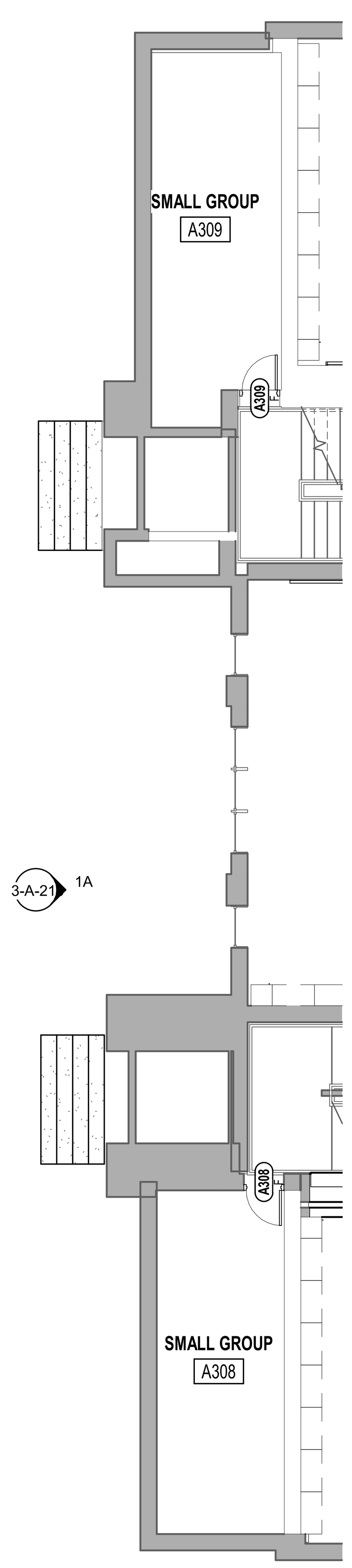
H. Where new floors meet existing floors, a smooth, straight, and flush transition shall be constructed. Verify in field existing floor elevations and conditions where a new floor shall be constructed adjacent. Trim and patch existing floor as required to achieve desired transition.

I. All exterior windows are Type "W1", unless noted otherwise.

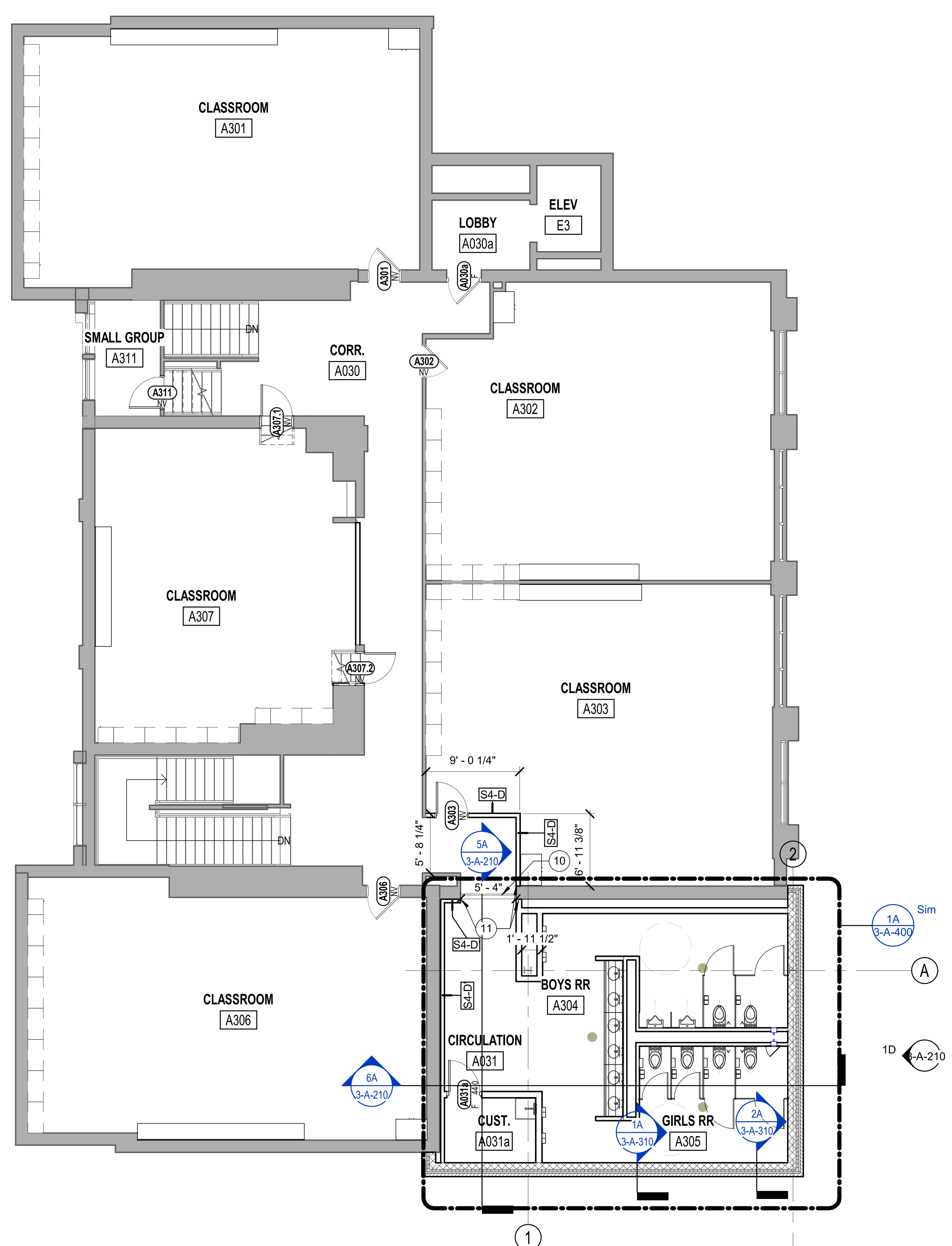
J. All interior walls are Type "S4-D", unless noted otherwise.

K. Base elevation is 0'-0" = XXX.X' (United States Geological Survey data).

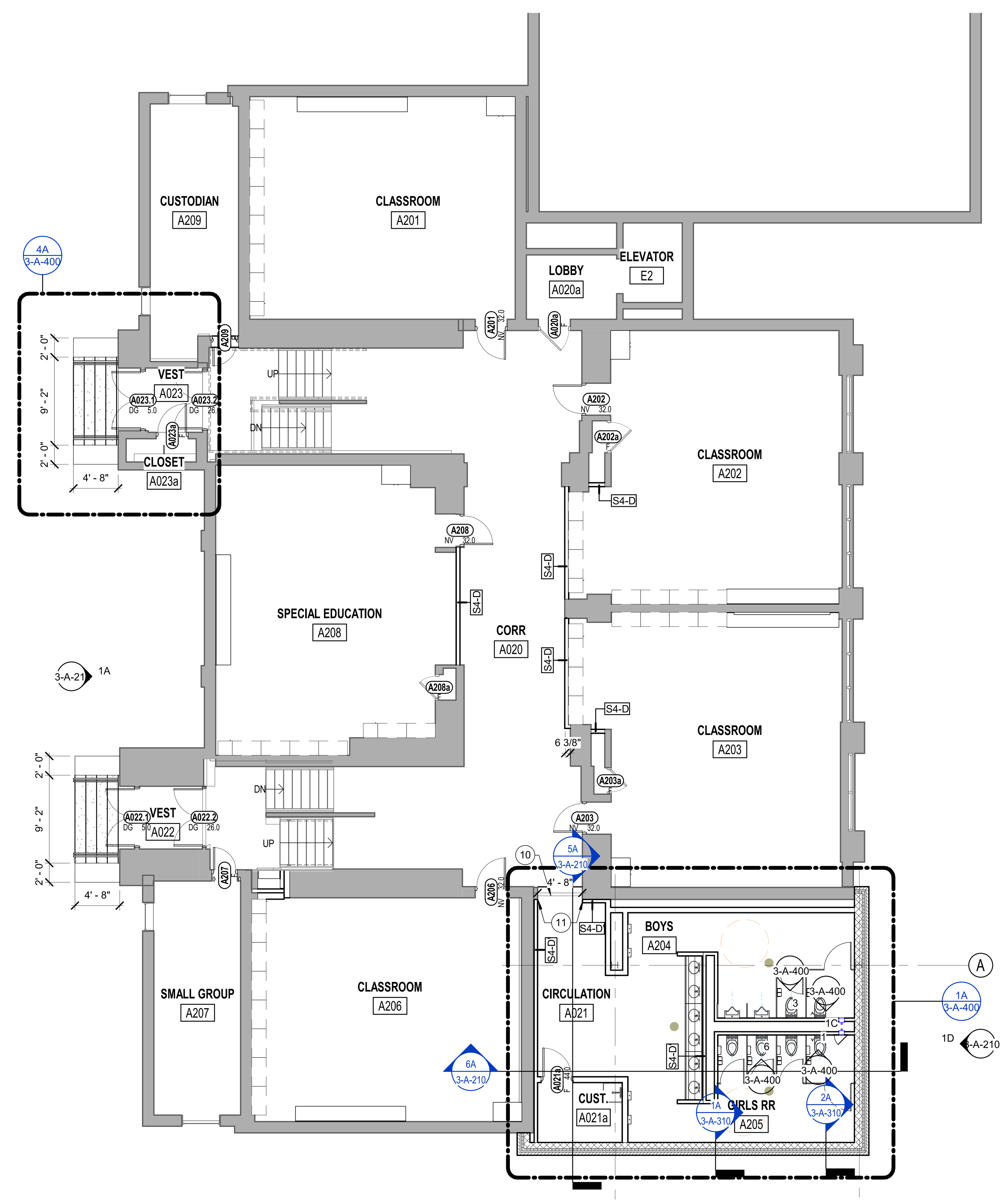
L. Hatching within walls shown in plans and sections indicates new construction.



5A MID LEVEL 2ND
1/8" = 1'-0"



4A THIRD FLOOR PLAN
1/8" = 1'-0"



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

SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

#	Revision	Date
A1	Addendum #1	09.15.2023

3526 N 300 E
Kokomo, IN 46901

KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

HOWARD ELEMENTARY SCHOOL

SECOND/THIRD FLOOR PLAN

3-AF1A2

DOOR & FRAME SCHEDULE

MARK	DOOR PANEL TYPE	DOOR PANEL QTY	DOOR PANEL MATL	DOOR PANEL GLAZ	SIZE H	SIZE W	SIZE TH	FRAME MARK	FRAME MATL	FRAME GLAZ	LABEL	HDWR SET	NOTES	MARK
A001.1	FG	2	AL	TG	7' - 0"	6' - 0"	0' - 1 3/4"	SF1	AL	TG				A001.1
A001.2	FG	2	AL	TG	7' - 0"	6' - 0"	0' - 1 3/4"	SF1	AL	TG				A001.2
A002	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A002
A008	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A008
A010	F	1	WD	--	7' - 0"	2' - 4"	0' - 1 3/4"	F1	HM	--				A010
A012.1	DG		AL	IG-1	7' - 0"	6' - 0"	0' - 2 1/4"	SF4	AL	IG-1				A012.1
A012.2	DG		AL	IG-1	7' - 0"	6' - 0"	0' - 2 1/4"	SF4	AL	IG-1				A012.2
A012.3	DG		AL	IG-1	7' - 0"	6' - 0"	0' - 2 1/4"	SF4	AL	IG-1				A012.3
A012.4	DG		AL	IG-1	7' - 0"	6' - 0"	0' - 2 1/4"	SF4	AL	IG-1				A012.4
A021a	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A021a
A022.1	DG	2	AL	IG-1	7' - 0"	6' - 0"	0' - 1 3/4"	F1	AL	--				A022.1
A022.2	DG	2	AL	IG-1	7' - 0"	6' - 0"	0' - 1 3/4"	F1	AL	--				A022.2
A023.1	DG	2	AL	IG-1	7' - 0"	6' - 0"	0' - 1 3/4"	F1	AL.	--				A023.1
A023.2	DG	2	AL	IG-1	7' - 0"	6' - 0"	0' - 1 3/4"	F1	AL	--				A023.2
A023a	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A023a
A031a	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A031a
A101	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A101
A101	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A101
A103.1	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A103.1
A103.2	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A103.2
A104	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A104
A107.1	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A107.1
A107.2	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A107.2
A108	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A108
A108a	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A108a
A109	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A109
A111	F	1	WD	--	7' - 0"	2' - 4"	0' - 1 3/4"	F1	HM	--				A111
A116	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A116
A117	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A117
A117a	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A117a
A117b	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A117b
A118	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A118
A119	NV	2	HM	TG	7' - 0"	6' - 0"	0' - 1 3/4"	F1	HM	--				A119
A119a	F	1	WD	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A119a
A129.1	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A129.1
A129.2	DG	1	AL	IG-1	7' - 0"	3' - 0"	0' - 1 3/4"	SF3	AL	IG-1				A129.2
A129a.1	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A129a.1
A129a.2	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A129a.2
A129b	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A129b
A130a.1	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A130a.1
A130a.2	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A130a.2
A130b	F	1	HM	--	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A130b
A131.2	DG	1	AL	IG-1	7' - 0"	3' - 0"	0' - 1 3/4"	SF3	AL	IG-1				A131.2
A135	F	2	HM	--	7' - 0"	6' - 0"	0' - 1 3/4"	F1	HM	--	#HR			A135
A201	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	SF2	AL	--				A201
A202	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	SF2	AL	--				A202
A203	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	SF2	AL	--				A203
A206	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	SF2	AL	--				A206
A207	F	1	WD	--	7' - 0"	2' - 4"	0' - 1 3/4"	F1	HM	--				A207
A208	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	SF2	AL	--				A208
A209	F	1	WD	--	7' - 0"	2' - 6"	0' - 1 3/4"	F1	HM	--				A209
A303	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A303
A307.1	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A307.1
A307.2	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A307.2
A308	F	1	WD	--	7' - 0"	2' - 6"	0' - 1 3/4"	F1	HM	--				A308
A309	F	1	WD	--	7' - 0"	2' - 6"	0' - 1 3/4"	F1	HM	--				A309
A311	NV	1	WD	TG	7' - 0"	3' - 0"	0' - 1 3/4"	F1	HM	--				A311

GENERAL NOTES

A. This Door Schedule(s) is furnished for whatever assistance it may afford the Contractor. Do not consider it as entirely inclusive. Carefully examine the Drawings (especially the Floor Plans) and the Specifications to determine the extent of door and frame quantities required (including interior borrowed lite or sidelite openings). Should any particular door, frame, or interior borrowed lite or sidelite shown on the Drawings be inadvertently omitted from this Schedule, supply same as required for similar openings.

B. The "QTY" column designates the number of leaves in the opening. The "Door Width" column designates the total width of all leaves. In multiple leaf conditions, the leaves shall equally divide the "Door Width" unless noted otherwise; however, the active leaf shall not be less than 3'-0" wide.

C. Door Type "X" denotes a frame with no door such as a borrowed lite, reference Frame Elevations.

D. An asterisk (*) in a dimension denotes a width that varies, reference plans, elevations, details and schedules.

E. Verify locksets with the Owner during submittals.

ABBREVIATIONS

AL Aluminum
HM Hollow Metal
ST Steel
WD Wood
TG Tempered Glazing
IG Insulated Glazing
LG Laminated Glazing
FG Frosted Glazing
SP Spandrel Panel

DOOR & FRAME SCHEDULE NOTES
See Door Schedule

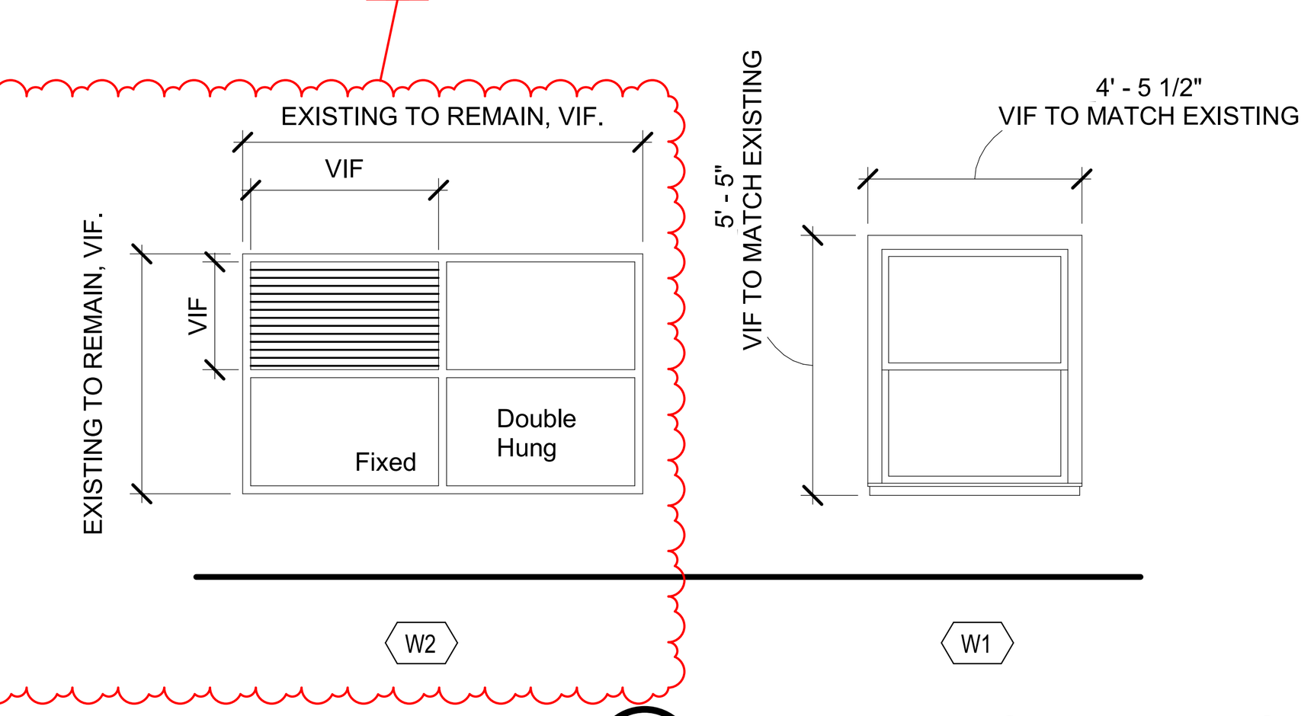
1. Existing door and frame to remain. New hardware only. Field verify all existing door and frame information as required for installation of new hardware.
2. New door/frame in existing masonry wall. Tooth in new masonry into existing as required.
3. Set door in frame to allow for 180° door swing.

GLAZING SCHEDULE

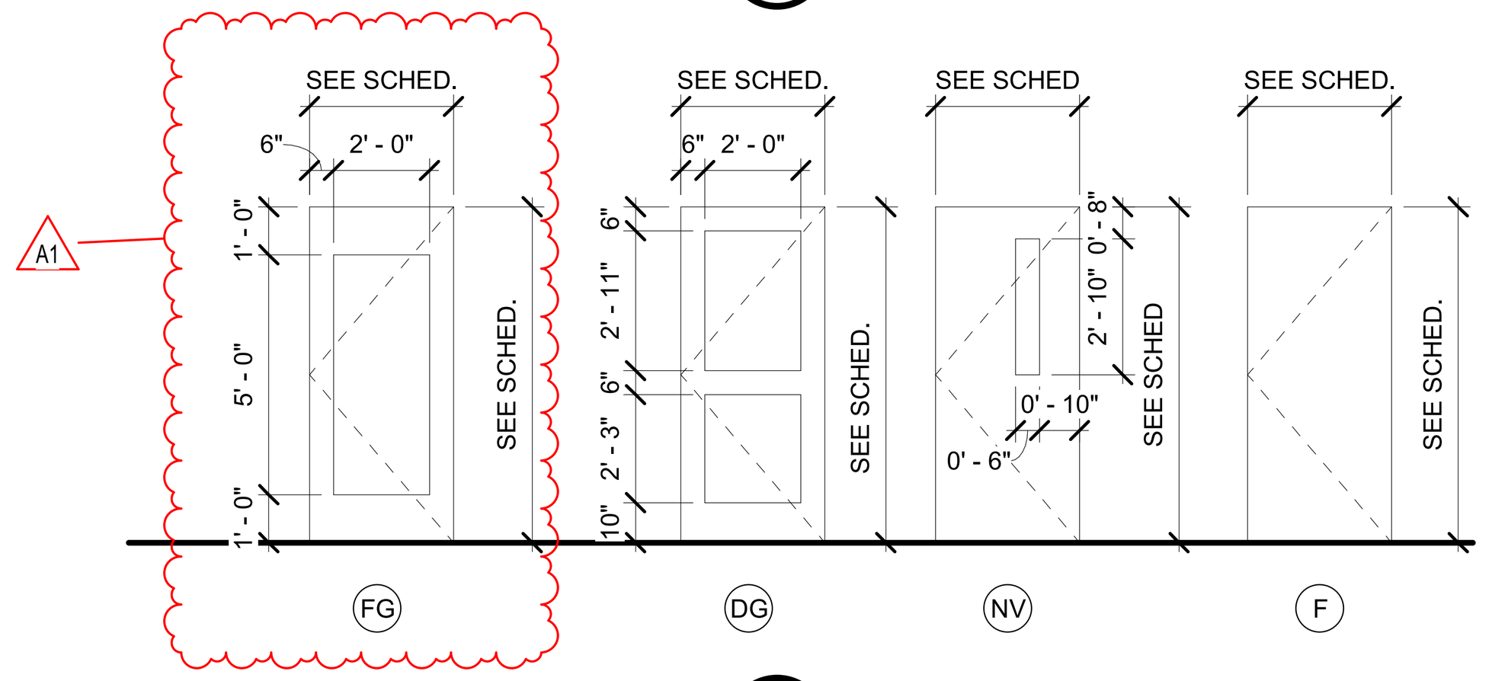
REFERENCE SPECIFICATION SECTION 088000 - GLAZING

IG-1 - 1" REFLECTIVE COATED, TINTED INSULATING VISION GLASS
TG - 1/4" CLEAR TEMPERED GLAZING
IG-2 - 1" CERAMIC-COATED AND REFLECTIVE-COATED, TINTED INSULATING,FRITTED VISION GLASS.
MP-1 - INSULATED METAL PANEL
FR - 45 MINUTE FIRE RATED GLASS.

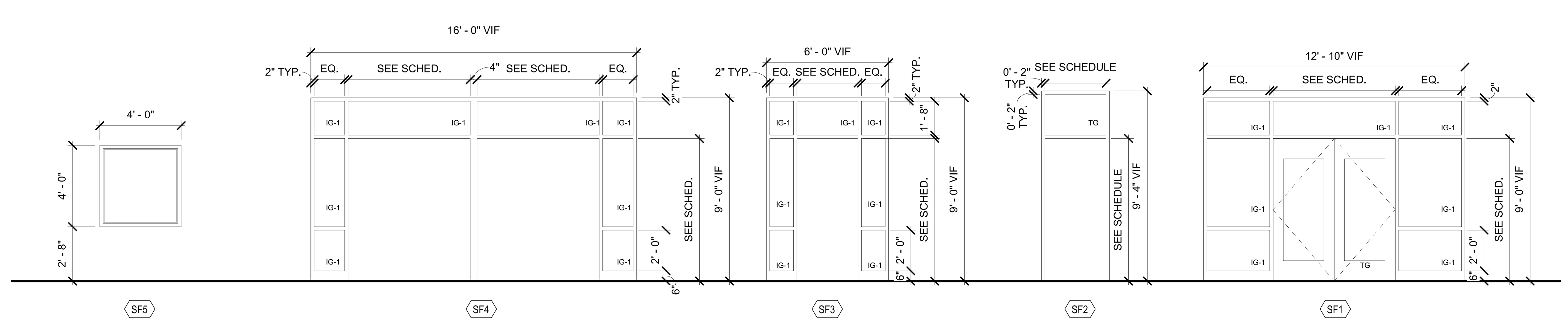
2B GLAZING SCHEDULE
1 1/2" = 1'-0"



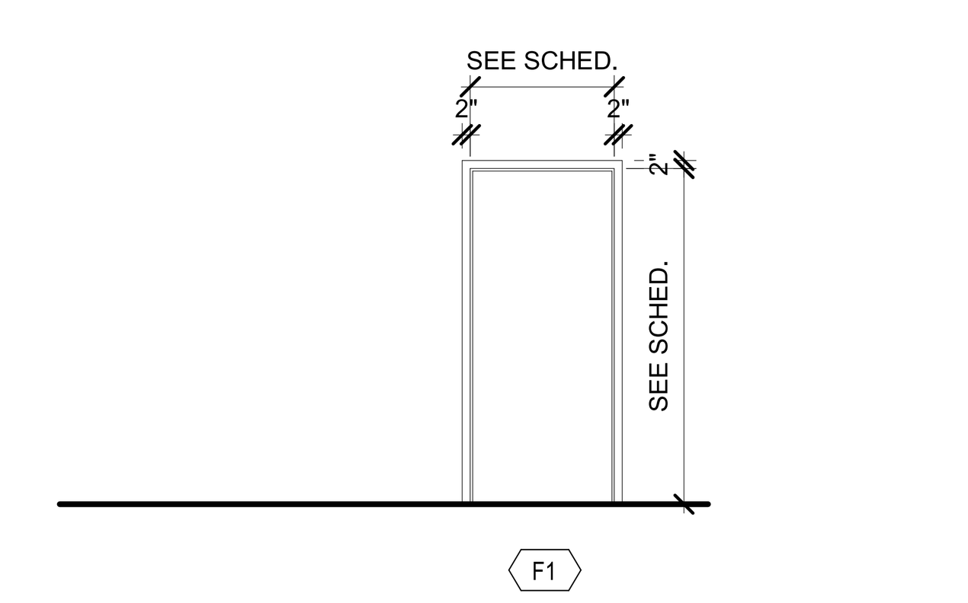
5.4.603 - WINDOW ELEVATIONS
1/4" = 1'-0"



5.4.602 - DOOR PANEL ELEVATIONS
1/4" = 1'-0"



5.4.603 - SF FRAME ELEVATIONS
1/4" = 1'-0"



5.4.603 - FRAME ELEVATIONS
1/4" = 1'-0"

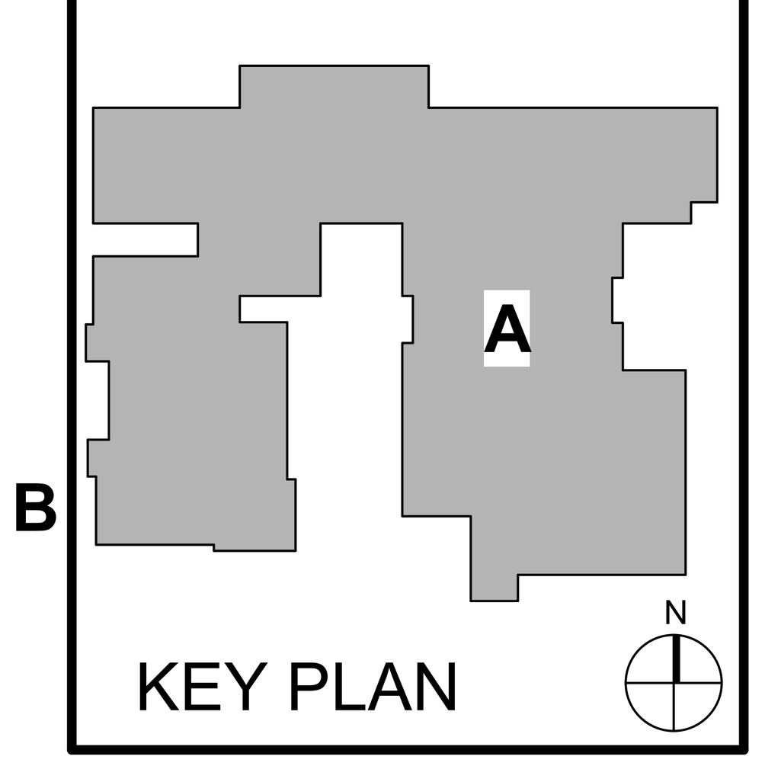
SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2022-086.TGR
Project Date 08.29.2023
Produced TE MP

SARAH KATHLEEN HEMPSTEAD REGISTERED NO. AR10400134 STATE OF INDIANA ARCHITECT

#	Revision	Date
A1	Addendum #1	09.15.2023

3526 N 300 E
Kokomo, IN 46901



KEY PLAN

NORTHWESTERN SCHOOL CORPORATION

HOWARD ELEMENTARY SCHOOL

DOOR & FRAME SCHEDULE

3-A-600