

PBK, P.O. BOX 880, GRIFFIN, GA 30223

ADDENDUM NUMBER FOUR: DATED: October 22, 2026

To: All prime contract bidders of record.

This addendum forms a part of the Contract Documents and modifies the original Specifications and Drawings dated September 11, 2026, as noted below. **Acknowledge receipt of this Addendum in the space provided on the Bid Form;** failure to do so may subject bidder to disqualification.

BID DATE: November 5, 2026

Note: A copy of the Pre-Bid Attendance Roster from the Non-mandatory Pre-Bid conference that was held on Thursday October 15, 2026 is attached for reference.

SPECIFICATIONS

1. Section 042000 – UNIT MASONRY

A. Part 2 Products; Section 2.6

1. Delete line 2.6.B.3 – “Size (Actual Dimensions): 3-5/8 inches (92mm) wide by 2-1/4 inches (57mm) high by 7-5/8 inches (194mm) long. **Revise to read:** Size (Actual Dimensions): 3-5/8 inches (92mm) wide by 3-5/8 inches (92mm) high by 11-5/8 inches (295mm) long.

2. Section 055214 – STAINLESS STEEL TUBE RAILINGS

A. Add this specification section included in this addendum to the project manual.

1. The section includes instructions regarding stainless steel handrails featured atop the low walls in the serving line area 719.13.

3. Section 096513 – RESILIENT BASE AND ACCESSORIES

A. Part 2 Products; Section 2.2

1. Delete line 2.2.D - “Height: 4 inches (101.4 mm). Use 6 inches (152.4mm) at locker bases”, **Revise to read:** “Height: 6 inches (152.4mm).”

4. Section 123550.53 – WOOD-VENEER-FACED LIBRARY CASEWORK

A. Delete this section in its entirety and replace with section 123550.53 – VENEER-FACED LIBRARY CASEWORK included within this addendum.

1. Revisions to casework for the media center also reflected in reissuance of Sheet A-401 later in this addendum.

5. Section 133419 – METAL BUILDING SYSTEMS

A. Part 1 General; Section 1.12

1. Delete Paragraph 1.12.B its entirety.

6. Section 142400 – HYDRAULIC ELEVATORS

A. Add this specification section included in this addendum to the project manual.

1. The section includes instructions regarding interior finishes for the interior cabin of the existing gymnasium elevator.

7. Section 270500 – COMMON WORK RESULTS FOR COMMUNICATIONS

A. On page 1, add the following as paragraph 1.2.4.:

- “4. Section 271423 – Auditorium Audio-Visual Systems
 - a. Product data
 - b. Shop drawings
 - c. Equipment list
 - d. Field quality control test reports”

8. Section 271423 – Auditorium Audio Visual Systems

A. Add this specification section included in this addendum to the project manual.

- 1. This section includes instructions for new audio-visual systems in the existing auditorium.

DRAWINGS

ARCHITECTURAL

1. SHEET G-020 – ACCESSIBILITY STANDARDS

A. Detail No.4 – TYP CUSTODIAL CLOSET;

- 1. Delete note and graphic relating to “PLASTIC TRIM”
- 2. Delete note and graphic relating to “WALL PROTECTION”

2. SHEET AD-101.1 - DEMOLITION FLOOR PLAN – SECTOR A-F

- A. Add demo keynote “D1” to the following spaces: 919, 1004.1, 1015, 1019
- B. Add demo keynote “D4” to the following space: 716.1

3. SHEET AD-101.2 - DEMOLITION FLOOR PLAN – SECTOR G,H,I,K

- A. Space Attendance 402 - In plan orientation, delete red linework indicating partial demolition of the wall on the right side of space adjacent to Corridor 400.

4. SHEET AD-101.3 - DEMOLITION FLOOR PLAN – SECTOR L,J,H.LL,K.LL

- A. Add demo keynote “D1” to the following spaces: 507, 507.1, 507.2, 507.3, 850.2

5. SHEET A101I – FLOOR PLAN – SECTOR I

- A. Keynote Legend, No.23 – “CONCRETE SIDEWALK. REFER TO CIVIL.” **Revise to read** “CONCRETE SIDEWALK”
- B. At all locations of new CMU adjacent to new trophy cases; Delete partition type tag “M4.C”, Replace with partition type tag “M6.C”

6. SHEET A101J – FLOOR PLAN – SECTOR J

- A. Add Keynote 22 – “REPLACE SLIP-RESISTANT MATERIAL STAIR NOSING” to all stair locations in the following spaces: 503 & 507

7. SHEET A-101AA – BATTING FACILITY FLOOR PLAN & CEILING PLAN

- A. Detail No.6 – PLAN DETAIL

- 1. Delete 1'-8" and 1'-5" measured dimensions
- 2. Delete note: "7 5/8" LIGHT GUAGE MTL STUD FRAMING

8. SHEET A-401 – ENLARGED MEDIA CENTER FLOOR PLAN

- A. Delete Sheet A-401 in its entirety and replace with Sheet A-401 included in this addendum.

9. SHEET A-407 – ENLARGED TOILET PLANS

- A. Detail No.2 – ENLARGED TOILET PLAN; See revisions to detail on SDA-407 included in this addendum.

- 1. Revision Include the addition of a chase wall in Restroom 2 to accommodate plumbing scope.

- B. Add Detail No.7 – SECTION DETAIL included on SDA-407 included in this addendum.

- 1. Section detail for chase wall in Restroom 2 noted above.

10. SHEET A-502AA – BATTING FACILITY EXTERIOR ELEVATIONS & ROOF PLAN

- A. Detail No.10 – WALL SECTION; Delete and replace with detail No.10 – WALL SECTION provided on Supplementary drawing SDA-502AA included in this Addendum.

- B. General Elevation Notes; Note 13: "DOWNSPOUTS SHALL HAE 16 GUAGE PRE-FINISHED DOWNSPOUT BOOTS TO 6'-0" ABOVE FINISH GRADE. COLOR SELECTED BY ARCHITECT." **Revise to Read:** "DOWNSPOUTS SHALL HAE 12 GUAGE PRE-FINISHED DOWNSPOUT BOOTS TO 2'-4" ABOVE FINISH GRADE. COLOR SELECTED BY ARCHITECT."

11. SHEET A-810 – DOOR SCHEDULE

- A. Door Number C29; Add "PAIR" to SNGL OR PAIR Column.
- B. Door Number C37; Add "PAIR" to SNGL OR PAIR Column.
- C. Door Number F90; Door Material; "WD" Revise to Read "HM"

12. SHEET A-812 – SIGN SCHEDULE AND DETAILS

- A. Door Number F03, Room 915: Add Sign Type “B3”
- B. Door Number J15, Room 504: Delete Sign Type “B1”. Add Sign Type “B2”
- C. General Graphics Notes; Add Note 18: “INSTALL SIGN TYPE “F” AT ELEVATOR – 2 INSTANCES”
- D. General Graphics Notes; Add Note 19: “INSTALL SIGN TYPE “G” IN THE FOLLOWING SPACES: 507, 523, 601, 817, AND 1023.
- E. General Graphics Notes: Add Note 20: “INSTALL SIGN TYPE “K” ON BUILDING ENTRANCES/EXITS – (12 INSTANCES) – COORDINATE WITH OWNER ON LOCATIONS.”

13. SHEET A-813 – SITE SIGNAGE PLAN

- A. Detail No.2 – SECTION DETAIL; Note “METAL COMPOSITE PANELS”, **Revise to read:** “PAINTED ALUMINUM PANELS”
- B. Detail No.5 – SIGN ELEVATION; Note “METAL COMPOSITE PANELS”, **Revise to read:** “PAINTED ALUMINUM PANELS”

14. SHEET A-901G-K – FINISH FLOOR PLAN – SECTOR G,H,I,K

- A. Toil. 820.2; Entire space to be “RSN” including area where lockers are located.

15. SHEET A-902 – FINISH FLOOR PLAN – ALTERNATE NO.1

- A. Delete Sheet A-902 in its entirety and replace with Sheet A-902 included in this addendum.

16. SHEET A-903 – GYMNASIUM COURT MARKINGS

- A. Detail No.1 - LOWER LEVEL – AREA H FLOOR PLAN: Add Note to the center circle of the main basketball court that reads: “SCHOOL LOGO – COORDINATE WITH OWNER ON GRAPHIC AND SIZE”
- B. Detail No.2 - 94’ MAIN BASKETBALL COURT – DIMENSION PLAN: Add note to the center of the court that reads: “SCHOOL LOGO – COORDINATE WITH OWNER ON GRAPHIC AND SIZE”

17. SHEET A-921 – WALL FINISH SCHEDULE

- A. Finish Schedule Notes and Remarks; Remark No.1 “ALL ROOMS HAVE 4” RUBBER BASE U.N.O.” **Revise to read:** ALL ROOMS HAVE 6” RUBBER BASE U.N.O.”

PLUMBING

1. SHEET P-101AC - PLUMBING FLOOR PLANS - FOOTBALL FIELD HOUSE

- A. Delete Sheet P-101AC in its entirety and replace with Sheet P-101AC, included in this addendum.

MECHANICAL

1. SHEET M-502 - MECHANICAL DETAILS

- A. Delete Sheet M-502 in its entirety and replace with Sheet M-502, included in this addendum.

ELECTRICAL

1. ED101 – OVERALL ELECTRICAL DEMOLITION PLAN

- A. Delete Sheet ED-101 in its entirety and replace with Sheet ED-101, included in this addendum.

2. E-001 – ELECTRICAL OVERALL CAMPUS PLAN

- A. Delete Sheet E-001 in its entirety and replace with Sheet E-001, included in this addendum.

3. E-101K.LL – ELECTRICAL LIGHTING LOWER LEVEL – AREA K FLOOR PLAN

- A. Delete Sheet E-101K.LL in its entirety and replace with Sheet E-101K.LL, included in this addendum.

4. E-201E – ELECTRICAL POWER LEVEL 1 – AREA E FLOOR PLAN

- A. Delete Sheet E-201E in its entirety and replace with Sheet E-201E, included in this addendum.

5. E-201H.LL – ELECTRICAL POWER LOWER LEVEL – AREA H FLOOR PLAN

- A. Delete Sheet E-201H.LL in its entirety and replace with Sheet E-201H.LL, included in this addendum.

6. E-201I – ELECTRICAL POWER LEVEL 1 – AREA I FLOOR PLAN

- A. Delete Sheet E-201I in its entirety and replace with Sheet E-201I, included in this addendum.

7. E-201J – ELECTRICAL POWER LEVEL 1 – AREA J FLOOR PLAN

- A. Delete Sheet E-201J in its entirety and replace with Sheet E-201J, included in this addendum.

8. E-201K – ELECTRICAL POWER LEVEL 1 – AREA K FLOOR PLAN

- A. Delete Sheet E-201K in its entirety and replace with Sheet E-201K, included in this addendum.

9. E-201K.LL – ELECTRICAL POWER LOWER LEVEL – AREA K FLOOR PLAN
 - A. Delete Sheet E-201K.LL in its entirety and replace with Sheet E-201K.LL, included in this addendum.
10. E-301A – ELECTRICAL LOW VOLTAGE LEVEL 1 – AREA A FLOOR PLAN
 - A. Delete Sheet E-301A in its entirety and replace with Sheet E-301A, included in this addendum.
11. E-301E – ELECTRICAL LOW VOLTAGE LEVEL 1 – AREA E FLOOR PLAN
 - A. Delete Sheet E-301E in its entirety and replace with Sheet E-301E, included in this addendum.
12. E-301H – ELECTRICAL LOW VOLTAGE LEVEL 1 – AREA H FLOOR PLAN
 - A. Delete Sheet E-301H in its entirety and replace with Sheet E-301H, included in this addendum.
13. E-301H.LL – ELECTRICAL LOW VOLTAGE LOWER LEVEL – AREA H FLOOR PLAN
 - A. Delete Sheet E-301H.LL in its entirety and replace with Sheet E-301H.LL, included in this addendum.
14. E-301J – ELECTRICAL LOW VOLTAGE LEVEL 1 – AREA J FLOOR PLAN
 - A. Delete Sheet E-301J in its entirety and replace with Sheet E-301J, included in this addendum.
15. E-501 – ELECTRICAL STAGE LIGHTING
 - A. Delete Sheet E-501 in its entirety and replace with Sheet E-501, included in this addendum.
16. E-502 – ELECTRICAL STAGE LIGHTING RISER DIAGRAM
 - A. Delete Sheet E-502 in its entirety and replace with Sheet E-502, included in this addendum.
17. E-701 – ELECTRICAL SCHEDULES
 - A. Delete Sheet E-701 in its entirety and replace with Sheet E-701, included in this addendum.
18. E-801 – ELECTRICAL SCHEDULES
 - A. Delete Sheet E-801 in its entirety and replace with Sheet E-801, included in this addendum.



PRE-BID CONFERENCE ATTENDANCE ROSTER

Whitewater High School Renovations
Fayette County Schools
240477

Date: 10/15/2026
Time: 1:00PM

NAME	COMPANY	AREA OF INTEREST	PHONE NO.	EMAIL
Mike Satterfield	FCS	Director of Facilities	770-460-3535	satterfield.mike@fcboe.org
Brett McIver	PBK	Architectural	770-227-5473	brett.mciver@pbk.com
Andrew Klemp	PBK	Architectural	770-227-5473	andrew.klemp@pbk.com
Scott Brunkhorst	PBK	Architectural CA	770-227-5473	scott.brunkhorst@pbk.com
Kyle McCormick	PBK	Architectural	770-227-5473	kyle.mccormick@pbk.com
Naeem Osmani	AH&P	PME	478-405-8301	nosmani@ahpengr.com
John Cosey	AH&P	PME	478-405-8301	jcosey@ahpengr.com
Bruce Henderson	Bowen & Watson	GC	706-556-3147	Bids@Bowen-watson.com
Ashly Bailey	Meja Construction	GC	404-979-9530	Bids@meja-us
Tripp Sauls	J and R	GC	770-733-8407	Tripp@jandrconstructioninc.com
Andrew Waire	FS360	GC	678-286-6885	preconatl@FS360.com
Evan Singard	Solutionz	AV	678-779-9049	esingard@solutionzinc.com
Ryan Williamson	Headley Construction	GC	678-850-5853	rwilliamson@headleyconstruction.com
Latrice Land	Eastern	GC	770-557-6972	bids@buildwitheastern.com

SECTION 055214 - STAINLESS STEEL TUBE RAILINGS

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Stainless steel railings.

1.2 COORDINATION

- A. Coordinate installation of anchorages for railings. Furnish setting drawings, templates, and directions for installing anchorages, including sleeves, concrete inserts, anchor bolts, and items with integral anchors, that are to be embedded in concrete or masonry. Deliver such items to Project site in time for installation.

1.3 ACTION SUBMITTALS

- A. Product Data:
 - 1. Fasteners.
 - 2. Post-installed anchors.
 - 3. Nonshrink, nonmetallic grout.
 - 4. Anchoring cement.
 - 5. Metal finishes.
- B. Shop Drawings: Include plans, elevations, sections, details, and attachments to other work.

1.4 INFORMATIONAL SUBMITTALS

- A. Welding certificates.
- B. Mill Certificates: Signed by manufacturers of stainless steel products, certifying that products furnished comply with requirements.

1.5 QUALITY ASSURANCE

- A. Welding Qualifications: Qualify procedures and personnel in accordance with the following:
 - 1. AWS D1.6/D1.6M, "Structural Welding Code - Stainless Steel."

1.6 DELIVERY, STORAGE, AND HANDLING

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

1.7 FIELD CONDITIONS

- A. Field Measurements: Verify actual locations of walls and other construction contiguous with railings by field measurements before fabrication.

PART 2 PRODUCTS

2.1 METALS, GENERAL

- A. Metal Surfaces, General: Provide materials with smooth surfaces, without seam marks, roller marks, rolled trade names, stains, discolorations, or blemishes.

2.2 STAINLESS STEEL RAILINGS

- A. Source Limitations: Obtain each type of railing from single source from single manufacturer.
- B. Tubing: ASTM A554, Grade MT 304.
- C. Plate and Sheet: ASTM A240/A240M or ASTM A666, Type 304.

2.3 FASTENERS

- A. Fastener Materials:
 - 1. Stainless Steel Railing Components: Type 304 stainless steel fasteners.
 - 2. Finish exposed fasteners to match appearance, including color and texture, of railings.

- B. Fasteners for Anchoring Railings to Other Construction: Select fasteners of type, grade, and class required to produce connections suitable for anchoring railings to other types of construction and capable of withstanding design loads.
- C. Fasteners for Interconnecting Railing Components:
 - 1. Provide concealed fasteners for interconnecting railing components and for attaching them to other work, unless otherwise indicated.
 - 2. Provide concealed fasteners for interconnecting railing components and for attaching them to other work, unless exposed fasteners are unavoidable or are the standard fastening method for railings indicated.
 - 3. Provide tamper-resistant flat-head machine screws for exposed fasteners unless otherwise indicated.
- D. Post-Installed Anchors: Fastener systems with working capacity greater than or equal to the design load, according to an evaluation report acceptable to authorities having jurisdiction, based on ICC-ES AC193 or ICC-ES AC308.
 - 1. Material: Alloy Group 1 stainless steel bolts, ASTM F593, and nuts, ASTM F594.

2.4 MISCELLANEOUS MATERIALS

- A. Welding Rods and Bare Electrodes: Select in accordance with AWS specifications for metal alloy welded.
 - 1. For stainless steel railings, provide type and alloy as recommended by producer of metal to be welded and as required for color match, strength, and compatibility in fabricated items.
- B. Nonshrink, Nonmetallic Grout: Factory-packaged, nonstaining, noncorrosive, nongaseous grout, complying with ASTM C1107/C1107M. Provide grout specifically recommended by manufacturer for interior applications.
- C. Anchoring Cement: Factory-packaged, nonshrink, nonstaining, hydraulic-controlled expansion cement formulation for mixing with water at Project site to create pourable anchoring, patching, and grouting compound.

2.5 FABRICATION

- A. General: Fabricate railings to comply with requirements indicated for design, dimensions, member sizes and spacing, details, finish, and anchorage.
- B. Shop assemble railings to greatest extent possible to minimize field splicing and assembly. Disassemble units only as necessary for shipping and handling limitations.
 - 1. Clearly mark units for reassembly and coordinated installation.
 - 2. Use connections that maintain structural value of joined pieces.
- C. Cut, drill, and punch metals cleanly and accurately.
 - 1. Remove burrs and ease edges to a radius of approximately 1/32 inch (0.79 mm) unless otherwise indicated.
 - 2. Remove sharp or rough areas on exposed surfaces.
- D. Form work true to line and level with accurate angles and surfaces.
- E. Cut, reinforce, drill, and tap as indicated to receive finish hardware, screws, and similar items.
- F. Connections: Fabricate railings with welded connections unless otherwise indicated.
- G. Welded Connections: Cope components at connections to provide close fit, or use fittings designed for this purpose. Weld all around at connections, including at fittings.
 - 1. Use materials and methods that minimize distortion and develop strength and corrosion resistance of base metals.
 - 2. Obtain fusion without undercut or overlap.
 - 3. Remove flux immediately.

4. At exposed connections, finish exposed welds to comply with NOMMA's "Voluntary Joint Finish Standards" for Finish #1 welds; ornamental quality with no evidence of a welded joint.
- H. Nonwelded Connections: Connect members with concealed mechanical fasteners and fittings. Fabricate members and fittings to produce flush, smooth, rigid, hairline joints.
 1. Fabricate splice joints for field connection, using an epoxy structural adhesive, if this is manufacturer's standard splicing method.
- I. Form changes in direction as follows:
 1. By bending.
- J. Bend members in jigs to produce uniform curvature for each configuration required. Maintain cross section of member throughout entire bend without buckling, twisting, cracking, or otherwise deforming exposed surfaces of components.
- K. Close exposed ends of hollow railing members with prefabricated cap and end fittings of same metal and finish as railings.
- L. Provide wall returns at ends of wall-mounted handrails unless otherwise indicated. Close ends of returns unless clearance between end of rail and wall is 1/4 inch (6.35 mm) or less.
- M. Provide inserts and other anchorage devices for connecting railings to concrete or masonry work.
 1. Fabricate anchorage devices capable of withstanding loads imposed by railings.
 2. Coordinate anchorage devices with supporting structure.
- N. For railing posts set in concrete, provide stainless steel sleeves not less than 6 inches (152.4 mm) long with inside dimensions not less than 1/2 inch (12.7 mm) greater than outside dimensions of post, with metal plate forming bottom closure.

2.6 STAINLESS STEEL FINISHES

- A. Surface Preparation: Remove tool and die marks and stretch lines, or blend into finish.
- B. Polished Finishes: Grind and polish surfaces to produce uniform finish, free of cross scratches.
 1. Run grain with long dimension of each piece.
 2. When polishing is completed, passivate and rinse surfaces.
 3. Remove embedded foreign matter and leave surfaces chemically clean.
- C. Stainless Steel Pipe and Tubing Finishes:
 1. 320-Grit Polished Finish: Oil-ground, uniform, fine, directionally textured finish.
- D. Stainless Steel Sheet and Plate Finishes:
 1. Directional Satin Finish: ASTM A480/A480, No. 4.

PART 3 EXECUTION

3.1 INSTALLATION, GENERAL

- A. Perform cutting, drilling, and fitting required for installing railings.
 1. Fit exposed connections together to form tight, hairline joints.
 2. Install railings level, plumb, square, true to line; without distortion, warp, or rack.
 3. Set railings accurately in location, alignment, and elevation; measured from established lines and levels.
 4. Do not weld, cut, or abrade surfaces of railing components that are coated or finished after fabrication and that are intended for field connection by mechanical or other means without further cutting or fitting.
 5. Set posts plumb within a tolerance of 1/16 inch (1.59 mm) in 3 feet (91.44 cm).
- B. Adjust railings before anchoring to ensure matching alignment at abutting joints.

3.2 RAILING CONNECTIONS

- A. Nonwelded Connections: Use mechanical or adhesive joints for permanently connecting railing components. Use wood blocks and padding to prevent damage to railing members and fittings. Seal recessed holes of exposed locking screws, using plastic cement filler colored to match finish of railings.
- B. Welded Connections: Use fully welded joints for permanently connecting railing components. Comply with requirements for welded connections in "Fabrication" Article, whether welding is performed in the shop or in the field.
- C. Expansion Joints: Install expansion joints at locations indicated but not farther apart than required to accommodate thermal movement. Provide slip-joint internal sleeve, extending 2 inches (50.8 mm) beyond joint on either side; fasten internal sleeve securely to one side; and locate joint within 6 inches (152.4 mm) of post.

3.3 ANCHORING POSTS

- A. Form or core-drill holes not less than 5 inches (127 mm) deep and 3/4 inch (19.05 mm) larger than OD of post for installing posts in concrete. Clean holes of loose material, insert posts, and fill annular space between post and concrete with nonshrink, nonmetallic grout or anchoring cement, mixed and placed to comply with anchoring material manufacturer's written instructions.

3.4 CLEANING

- A. Clean stainless steel by washing thoroughly with clean water and soap and rinsing with clean water.

3.5 PROTECTION

- A. Protect finishes of railings from damage during construction period with temporary protective coverings approved by railing manufacturer. Remove protective coverings at time of Substantial Completion.
- B. Restore finishes damaged during installation and construction period, so no evidence remains of correction work. Return items that cannot be refinished in the field to the shop; make required alterations and refinish entire unit, or provide new units.

END OF SECTION 055214

SECTION 123550.53 - VENEER-FACED LIBRARY CASEWORK

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 manufactured wood-veneer-faced library casework of stock design, including reading tables, circulation desks, shelving, seating and lounge furniture.
- B. Related Requirements:
 - 1. Section 061000 "Rough Carpentry" for wood blocking for anchoring casework.
 - 2. Section 092216 "Non-Structural Metal Framing" for reinforcements in metal-framed partitions for anchoring casework.
 - 3. Section 096513 "Resilient Base and Accessories" for resilient base applied to wood-veneer-faced casework.

1.3 DEFINITIONS

- A. Continuous Tops (CT's) – particleboard core laminated with a horizontal grade high pressure laminate. Tops are made as large as reasonably possible and joined together by tite-joints and biscuit splines.
- B. Edgeband – Solid maple of 1/8", 1/4", 1/2", or 3/4" thick glued to any exposed edges of plywood, particleboard, or lumber core. 3mm PVC with HPL tops as indicated.
- C. J-Channel – Black extruded plastic in a "J" shape used for wire management usually mounted to the underside of a worksurface or the backside of the front panel in circ desk units.
- D. Plain Sliced Veneer – Veneer that is cut from a log in a manner that shows straight, tight, Grain intermixed with cathedral.
- E. Rift Cut Veneer – Veneer is cut from a log in a manner that accentuates the certain grains providing more consistency in color and pattern.
- F. Tite-Joints – Fastener system for desk top and counter top joints.
- G. Uprights (Shelving) – Uprights refer to the Starter and/or Adder panels of a shelving unit.

1.4 COORDINATION

- A. Coordinate sizes and locations of framing, blocking, furring, reinforcements, and other related units of Work specified in the other Sections to ensure that casework can be supported and installed as indicated.

1.5 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Shop Drawings: Include plans, elevations, sections, details, and attachments to other work. Show fabrication details, including types and locations of hardware. Show installation details, including field joints and filler panels. Indicate manufacturer's catalog numbers for casework.
- C. Samples: For cabinet finishes.
- D. Samples for Initial Selection: For cabinet finishes.
- E. Samples for Verification: 6 by 6 inch (152.4 mm) Samples for each type of finish, including top material and the following:
 - 1. 12 by 12 inch (304.8 mm) sample of each upholstery material as selected. Show complete pattern repeat, if any.
 - 2. Full size sample of seating (chairs).

1.6 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer.
- B. Sample Warranty: For special warranty.

1.7 QUALITY ASSURANCE

- A. Installer Qualifications: An Authorized representative who is trained and approved by manufacturer for installation of units required for project.

1.8 DELIVERY, STORAGE, AND HANDLING

- A. Deliver casework only after painting, utility roughing-in, and similar operations that could damage, soil, or deteriorate casework have been completed in installation areas. If casework must be stored in other-than-installation areas, store only in areas where environmental conditions comply with requirements specified in "Field Conditions" Article.
- B. Keep finished surfaces covered with polyethylene film or other protective covering during handling and installation.

1.9 FIELD CONDITIONS

- A. Environmental Limitations: Do not deliver or install casework until building is enclosed, wet work is complete, and HVAC system is operating and maintaining temperature and relative humidity at occupancy levels during the remainder of the construction period.
- B. Established Dimensions: Where casework is indicated to fit other construction, establish dimensions for areas where woodwork is to fit. Provide allowance for trimming at site, and coordinate construction to ensure that actual dimensions correspond to established dimensions.
- C. Locate concealed framing, blocking, and reinforcements that support casework by field measurements before enclosed and indicate measurements on Shop Drawings.

1.10 WARRANTY

- A. Special Warranty: Manufacturer agrees to repair or replace components that fail in materials or workmanship within specified warranty period.
 - 1. Failures include, but are not limited to, the following:
 - a. Delamination of components or other failures of glue bond.
 - b. Warping of components.
 - c. Failure of operating hardware.
 - d. Deterioration of finishes.
 - 2. Warranty Period: Two years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Basis-of-Design Product: The design for library casework is based on Media Technologies. Subject to compliance with requirements, provide the named product or a comparable product by one of the following.
 - 1. Wood-Faced Library Casework Tables: Basis of Design, Media Technologies; Orbit Tables, Caesar tables, Forum Side tables and WCT tables.
 - a. Brodart Custom Library Furniture.
 - b. Russwood A Division of Russell Carroll Manufacturing.
 - c. Tesco Library Furniture.
 - 2. Media Space Custom Bookmark HPL Circulation Desk: Basis of Design, Media Technologies.
 - a. Brodart Custom Library Furniture
 - b. Russwood A Division of Russell Carroll Manufacturing
 - c. Tesco Library Furniture
 - 3. Bookmark Wall Shelving and Bookmark Mobile Shelving: Basis of Design, Media Technologies.

- a. Brodart Custom Library Furniture
 - b. Russwood A Division of Russell Carroll Manufacturing
 - c. Tesco Library Furniture
- 4. Seating: Basis of Design, Media Technologies; Hannah task and stacker, Shirley booth, Engage Arm and Full Time Halfback and Half-round Ottoman.
 - a. Brodart Custom Library Furniture
 - b. Russwood A Division of Russell Carroll Manufacturing
 - c. Tesco Library Furniture
- B. Source Limitations: Obtain wood-veneer-faced library casework from single manufacturer.

2.2 CASEWORK, GENERAL

- A. Product Designations: Drawings indicate sizes, configurations, and finish materials of manufactured wood-veneer-faced library casework by referencing designated manufacturer's catalog numbers. Other manufacturers' casework of similar sizes and door and drawer configurations, of same finish materials, and complying with the Specifications may be considered. See Section 016000 "Product Requirements."

2.3 MATERIALS

- A. Wood Veneer is of select maple species and carefully hand selected for uniform grain patterns and colors. Wide variations in grain patterns will not be used between companion parts. The finished appearance of all exposed wood veneer surfaces are free from any detectable telegraphing of substrate, sand through, or adhesive bleed through.
- B. All veneer plywood is made with cross-band construction using odd numbers of plies for dimension stability. It is pressed with a moisture resistant resin adhesive. Internal plies are free from voids and defects. Face veneers are hand selected and compared for uniform grain and color patterns on both sides based on design requirements.
- C. All parts and exposed edges that are specified to be solid wood is made from Select grade Maple.
 - 1. Selected solid wood is free from defects with no checking, splitting or knots and finished with a durable topcoat.
- D. Exposed plywood parts are banded using select solid wood of the species specified. A minimum thickness of 1/8" is glued to core materials. All corners are eased on plywood cores to remove sharp corners. Worksurfaces and Continuous Tops are banded with 3/4" thick solid maple and machined with the specified profile requested as described by the Edgeband Profile Specs. Table top cores are banded with a 3/4" thick solid maple, "Drop" edge, as specified by design requirements of Leg Based Tables.
- E. 3-ply Particleboard cores are 1-1/4" thick, wood/adhesive mixture meeting or exceeding 45 lbs./ft. Particleboard is covered by a paper backer underneath, and High Pressure Laminate of customer choice on top. All edges are then edgebanded as specified by design requirements.
- F. All Worksurfaces, Table tops, and Continuous Tops are protected by .05" thick, horizontal grade, High Pressure Laminates applied with formaldehyde free adhesives. Any vertical surfaces requiring laminates through design requirements will receive vertical grade laminates. A .03" thick balancing backer sheet is applied to the opposite face of the core to maintain stability. Laminate providers include Wilsonmart, Nevamar, and Formica.

2.4 COLORS AND FINISHES

- A. All exposed surfaces are inspected and hand-sanded to remove machine marks, excess glue, scratches, and/or other imperfections prior to being put through a 6 step spray or UV finish process.
- B. Spray-on Finish: Items that are shipped assembled are finished with a 6 step, spray finish process. Each item begins with the application of color stain (or left natural) according to the design requirement followed by a sealer/sand sequence. The process ends with two (2)

applications of a pre-catalyzed lacquer top coat. The top coat is highly resistant to abrasion, scuffing, sunlight, boiling water, alcohol, nail polish remover, mustard, ketchup, tea, ink, soft drinks and juices. All components of assembled items are of matching color where exposed. Stain colors are selected from manufacturer's standard stain sample pallet unless otherwise noted.

- C. UV Finish: Items that are shipped unassembled are finished with a 6 step, flat-line UV finish process. Each part begins with the application of color stain (or left natural) according to the design requirement followed by a sealer/sand sequence. The process ends with two (2) applications of ultra violet light cured, solid resin, clear top coat. The top coat is highly resistant to abrasion, scuffing, sunlight, boiling water, alcohol, nail polish remover, mustard, ketchup, tea, ink, soft drinks and juices. All components of assembled items will be of matching color where exposed. Stain colors are selected from manufacturer's standard stain sample pallet unless otherwise noted.
- D. Finish Testing - Engineered Certified Wood Finish Test Results
 - 1. A new nickel held at a 45 degree angle is pulled across the finish surface parallel to the grain with no cracking, chipping, or removal of finish; NO EFFECT ON FINISH
 - 2. Fingernail polish is brushed and allowed to thoroughly dry and is then removed with fingernail polish remover with no effect on finish; NO EFFECT ON FINISH
 - 3. Three drops of fingernail polish remover shall be dropped on the finished surface and let stand for two (2) minutes and blotted off. There may be swelling of finish which recovers when dry (1 hour); NO EFFECT ON FINISH
 - 4. Wet pad or soft cloth with fingernail polish remover and make (5) firm, single swipes across the finish with no effect; NO EFFECT ON FINISH

2.5 FABRICATION

- A. Bookmark Shelving
 - 1. BOOKMARK SHELIVING (50) Dbl. Faced Started, Mobile 37"W x 24"D x 48"H; (2) Single Faced Starter, 37"W x 12"D x 42"H; (6) Single Faced Adder, 36"W x 12"D x 42"H; (5) Single-Faced Starter, 31"W x 12"H x 36"H; (1) Single-Faced Adder, 30"W x 12"D x 36"H.
 - a. Shelving construction incorporates a modular design using a starter/adder configuration and is available as single-faced or doubled-faced units. Standard sections of shelving are bolted together with a 36" measurement on center between uprights, through the Top and Bottom Frames with 5/16" – 18 hex bolts.
 - b. Shelving heights are offered at select heights of 36", 42", 48", 60", 72", and 82" H and in select widths 10", 12" for single-faced and 20", 24" wide double-faced units. All units less than 60"H can be ordered with a Continuous Top. Veneer Top is standard for all units.
 - c. Standard units measure 37" in width and consist of a left and right "Starter Panel", top frame(s) based on style, bottom frame(s), bottom shelf/shelves, adjustable shelves, and one (1) back or partition. Adder units measure 36" in width and consist of one (1) "Adder Panel", top frame(s) based on style, bottom frame(s), bottom shelf/shelves, adjustable shelves, and one (1) back or partition. Adjustable shelves, Periodical Shelves, Fixed Picture Book Shelves, and Adjustable Picture Book Shelves quantities are based on design requirements and shelving height.
 - d. Vertical Uprights – (Starter/Adder Panels) are 1" thick veneer core panels made from "A" grade plywood, with plain sliced veneer faces, and edge banded according to design requirements. Each upright is machined for 5/16" shelf pin holes 32mm O.C.
 - e. Top Frames/Bottom Frames – Top and Bottom frames are 35" long and depths are determined by the design requirements of the depth of shelving that is ordered. Top Frames are constructed with a veneer plywood panel attached to a solid maple cornice board 35"L x 2-1/4"W x 1"T by 16 gauge steel "Z" brackets. Bottom Frames are constructed with 4" high box frame construction of 1" thick hardwood plywood.

The bottom frame is bolted to the end and intermediate panels using 5/16" – 18 machine bolts.

- f. Shelving Backs – Single Faced shelving backs are 1/4" thick MDF and standard with all bookcase units. Double faced shelving will receive (1) partition with two (2) finished "good" sides.
- g. Shelves – All adjustable shelves are kiln dried 1" veneer core with premium grade "A" maple veneer, exposed edges are banded with 1/8" solid maple with edges and corners radius 1/8". They are bored in 4 locations on the underside to accept seismically rated shelf pins. Shelving quantities are dependent on shelving height and of units are single or double faced.

B. Tables ORBIT RECTANGULAR TABLES (TA-1) - QUANTITY (2)

- 1. Orbit Rectangular Table 30"D x 60"W x 29.25"H. Single Column, 14-gauge, 3" diameter column, 5/16" thick steel disc plate (size varies depending on table top dimension), 11-gauge stamped steel mounting plate, 9.5" x 9.5". Mini-levelers come standard and will position the base 3/8" off floor.
 - a. Table tops are 1-1/4" thick ply engineered wood constructed with .050" high Pressure laminate (HPL) and a phenolic backer sheet, edges are 3mm PVC.
 - b. Standard powder coat on all metal parts, edge color selection (HPL).
- 2. FORUM SIDE GIG ELLIPTICAL TOP, DISC BASE WORK TABLE: 14" D top x 20"W x 26"H (TA-4) Quantity – 4 Tables.
 - a. Table Tops: Tops are elliptical-shaped 1" thick, three ply engineered wood construction with .050" high pressure laminate (HPL) and a phenolic backer sheet. The edges specified for this product are 3mm PVC ("C" prefix to the table size in the part number)
 - b. Frame: 1" tubular steel column that connects to table top to round steel disc base, fitted with Six tapered, square, polyurethane glides are adhered to the bottom of the disc base.
- 3. CESAR TABLES:
 - a. Cesar Round Occasional Tables, 30" diameter x 22"H (TA-2) - Quantity (2)
 - b. Cesar SQ Radius Corner Occasional Tables, 24" x 24" x 18"H (TA-3) - Quantity (6)
 - c. Cesar Rectangular Flip-Top Tables, 30" x 60" x 29"H (TA-5) - Quantity (15)
 - d. Cesar Round Top Table, 30" diameter x 42"H (TA-6) - Quantity (4)
 - 1) Table Top: Table Tops are 1-1/4" thick particle board core with 0.50" High Pressure Laminate top surface and .030" phenolic backer. Edges are 3mm PVC.
 - 2) X-bases with leveling glides: One 2-1/4" dia. Powder coated steel column with bolted horizontal cast aluminum base and fabricated steel mounting plate (187" thick x 6"D x 8"W). X-Bases have four aluminum feet arranged at 90-degrees that form X at the base.
 - 3) T-base with locking casters: One 2-1/4" dia. Powder coated steel column with bolted horizontal cast aluminum base and fabricated steel mounting plate (187" thick x 6"D x 8"W). T-base models are available in single T. Bases are fitted with 1" diameter adjustable glides.
- 4. WCT Tables:
 - a. WCT Rectangular Tables, 24"D x 72"W x 29"H (TA-7). Quantity (8).
 - 1) Table Top: Table tops are 1-1/4" thick particleboard core with 0.50" HPL top surface and .030" phenolic backer. Edges are 3mm PVC.
 - 2) Steel end and intermediate leg frames are 14 gauge powder coated square steel tubing. Intermediate legs differ from end frames only in length of bottom member.

C. Circulation Desk:

1. **BOOKMARK CIRCULATION DESK:** Bookmark Modular Circulation Desks feature an engineered wood construction case with plain sliced "A" grade Maple veneer finish and wood banding.
 - a. **DESK COMPONENTS:**
 - 1) (1) Book Return - DK-1
 - 2) (1) Depressible Book Truck - DK-1a
 - 3) (2) 90 degree Extended Radius Corner Units - DK-2 - 74"W x 36"D x 31.5"H
 - 4) (2) Desk Unit - DK-3 60"W x 30"D x 31.5"H
 - 5) (2) 90 Degree Extended Radius Corner Units - DK-4 - Right
 - 6) (1) Drawer Unit with 6 Drawers - DK-5
 - 7) (1) Desk Unit - DK-6 - ADA - 36"W x 30"D x 31.5"H
 - 8) (1) Cupboard Unit - DK-7
 - 9) (2) End Panels - EP - 1, EP - 2
 - (a) Modular case system: Each case module is fully assembled, allowing for simple field assembly of the complete circulation desk as well as for easy reconfiguration, if necessary. Cases connect with male/female threaded metal connectors.
 - (b) Tops are 1-1/4" thick, three ply engineered wood construction with .050" high pressure laminate, and a phenolic backer sheet. The patron side is edged with 5/16" x 1-5/8" solid maple with a 1/4" radius top and bottom. The edges and back side of the top are edged with 1/8" solid maple.
 - (c) Case Construction: Circulation desk modules are constructed of 3/4" thick, three ply particleboard with plain sliced "A" grade maple veneer. All modules, except Malibu style, utilize a continuous front design (sides do not penetrate), with a 4" high recessed toe. Cabinets are assembled using glue and dowel joinery. Note: One terminating end panel is required for each exposed end of a complete desk assembly.
 - (d) Adjustable shelves are 3/4" thick three ply particleboard plywood with "A" grade maple veneer faces. The exposed edges are edged with 1/8" solid maple. Shelves are adjustable on 32mm increments.
 - (e) Drawers are constructed of 1/2" nine ply baltic birch plywood. Drawers have 3/4" thick fronts with "A" grade maple veneer. Box and file drawers have 100 lb. full extension slides.
 - (f) Doors are constructed of 3/4" thick, three ply particleboard with plain sliced "A" grade maple veneer faces and edged on all sides with 1/8" solid red oak. Door hardware includes concealed hinges, fully adjustable in all 3 axes, and wire pulls.
 - (g) Locks may be specified with doors and/or drawers, keyed randomly or alike.
 - (h) One terminating end panel is required for each (left and right) exposed end of a complete desk assembly. ** Right side and Left side is determined from the perspective of the desk user.
- D. **Seating: Mobile**
 1. **HANNAH, STACKER, ARMLESS.** Thermoplastic 18D x 18W x 29.5H. (CH-3); Quantity of (30).
 - a. Polypropylene shell available in many colors.
 - b. Non-marring nylon glides are standard, steel glides available.
 - c. 4-leg chair, 4-leg mobile chair, counter and cafe stool.
 - d. Stacks 10 high on the flood and 16 on mobile storage cart.
 - e. Task Chair, Task stool standard mobile, bell-glides available.
 - f. Upholstered seat cushion available. Cushion adds 1" seat height (can be field installed and replaced).

- g. Meets or exceeds ANSI/BIFMS standards.
- 2. HANNAH TASK CHAIR, with arms and seat cushion. (5) casters Thermoplastic. Hannah Seat cushion, fabric: Grade 7 (CH-1, 1a); Quantity (2).
 - a. Polypropylene shell available in many colors.
 - b. Color-branding available.
 - c. Mobile base with 5 casters.
- 3. HANNAH TASK CHAIR, mobile base, (5) casters Thermoplastic. (CH-2). Quantity of (16).
 - a. Polypropylene shell available in many colors.
 - b. Color-branding available.
 - c. Mobile base with 5 casters.
- 4. HANNAH BAR HEIGHT STOOL, ARMLESS (CH-4) - Quantity (8)
 - a. Polypropylene shell available in many colors.
 - b. Color-branding available.
 - c. Non-marring nylon glides are standard.
 - d. 4-leg style.
- 5. ENGAGE LOUNGE ARM CHAIR, (2) metal feet, (2) casters, 30"W x 29"D, 18"SH, Pricing Grade 7 (CH-7): Quantity of (12); (CH-8): Quantity of (8).
 - a. Seat: Engage seat is constructed with 4/4 Alder hardwood and is glued and stapled. 4/4 hardwood corner blocks are glued and stapled to the inner seat frame. The seat is then covered with 5" of foam with 1.8 density and a 36 ILD rating.
 - b. Back: The back is constructed with 4/4 Alder hardwood and is glued and stapled. 4/4 hardwood corner blocks are glued and stapled to the inner back frame. The back is then covered with 2.5" of foam with 1.8 density and 24 ILD rating. Then back is secured to the seat with T-nuts and 4 bolts.
 - c. Metal Legs: Steel post leg is a 1 GA 1-1/2" round 3-1/2"H tube style leg weldment with a 3-1/2" x 3-7/8" steel mounting plate and a 1-7/8" black leveling glide.
 - d. Casters: Casters are Softec, twin-wheel, 75mm diameter and non-locking. All models that include casters also receive a lift handle mounted to the rear of the seat back.
- 6. SHIRLEY BOOTH, single and double sided with high back and HPL base, Grade 7 fabric. (Ch-5) Quantity (2) Single Sided; (CH-6) Quantity (1) Double Sided
 - a. Bench base: 7/8" engineered wood assembled frame of HPL finish. 4" high laminated base and toe assemblies receive 3mm PVC edgebanding.
 - b. Bench back: 48" High, 2" engineered wood assembly, HPL decorative design with corner guards on back panel edge corners.
 - c. Upholstered seat and back: Seat cushion is 3-1/2" thick, high density upholstery grade foam on a 1/2" thick engineered wood base. Back cushion high density upholstery grade foam tapers from 4-1/2" at the bottom to 2-1/2" at the top and is a 1/2" thick engineered wood base. Seat cushions are attached to booth base and back with hook and loop fasteners.
- 7. FULL TIME HALFBACK SEATING WITH CASTERS: 24" x 48" x 33"H, Grade 3 - CH-10 - Quantity (4). Full Time Half-round Ottoman, 48" Dia. x 18"H with casters, Grade 2 - CH-11 - Quantity (2).
 - a. Fully upholstered seat. Interior construction consists of a 1" thick structural wood frame wrapped with 1/2" thick, 2.3 # density foam on the sides and seat of 2" thick foam.
 - b. Casters, swivel style mounted to base with a square mounting plate.
 - c. Halfback style to have fully upholstered back of 6" high density foam at its base and tapers up to 3.5" of foam at the top. The seat back is built on a 1" thick rectangular wooden panel.

PART 3 - GENERAL

3.1 EXAMINATION

- A. Examine area, with Installer present, for compliance with requirements for installation tolerances, location of framing and reinforcements, and other conditions affecting performance of the work.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 CASEWORK INSTALLATION

- A. Install casework level, plumb, and true; shim as required, using concealed shims. Where casework abuts other finished work, apply filler strips and scribe for accurate fit, with fasteners concealed where practical.
- B. Base Cabinets: Set cabinets straight, level, and plumb. Adjust subtops within 1/16 inch (1.59 mm) of a single plane. Align similar adjoining doors and drawers to a tolerance of 1/16 inch (1.59 mm). Bolt adjacent cabinets together with joints flush, tight and uniform.
- C. Fasten cabinets to adjacent cabinets and to masonry, framing, wood blocking, or reinforcements in walls and partitions to comply with the AWI's "Architectural Woodwork Standards."
- D. Install hardware uniformly and precisely. Set hinges snug and flat in mortises unless otherwise indicated. Adjust and align hardware so moving parts operate freely and contact points meet accurately. Allow for final adjustments after installation.
- E. Adjust casework and hardware so doors and drawers operate smoothly without warp or bind. Lubricate operating hardware as recommended by manufacturer.

3.3 INSTALLING OF TOPS

- A. Field Jointing: Where possible make in the same manner as shop jointing, using dowels, splines, adhesives, and fasteners recommend by manufacturer. Prepare edges to be joined in shop so Project-site processing of top and edge surfaces is not required.
 - 1. Secure field joints in plastic-laminate countertops with concealed clamping devices located within 6 inches (152.4 mm) of front and back edges and at intervals not exceeding 24 inches (609.6 mm). Tighten according to manufacturer's written instructions to exert a constant, heavy-clamping pressure at joints.
- B. Secure tops to cabinets with Z-type fasteners or equivalent, using two or more fasteners at each front, end and back.
- C. Abut top and edge surfaces in one true plane, with internal supports placed to prevent deflection.
- D. Seal junctures of top, splash, and walls with mildew-resistant silicone sealant or another permanently elastic sealing compound recommended by countertop material manufacturer.

3.4 INSTALLATION OF SHELVEING

- A. Install shelf standards plumb and at heights to align shelf brackets for level shelves. Install shelving level and straight, closely fitted to other work where indicated.

3.5 CLEANING

- A. Repair or remove and replace defective work as directed on completion of installation.
- B. Clean finished surfaces, touch up as required, and remove or refinish damaged or soiled areas to match original factory finish, as approved by Architect.

END OF SECTION 123550.53

SECTION 142400 - HYDRAULIC ELEVATORS

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 hydraulic passenger elevators.
- B. Related Requirements:
 - 1. Section 096519 "Resilient Tile Flooring" for finish flooring in elevator cars.

1.3 DEFINITIONS

- A. Definitions in ASME A17.1/CSA B44 apply to work of this Section.

1.4 ACTION SUBMITTALS

- A. Product Data: Include data for all products.
- B. Samples for Initial Selection: For finishes involving color selection.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Deliver, store, and handle materials, components and equipment in manufacturer's protective packaging. Store materials, components, and equipment off of ground, under cover, and in a dry location.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - 1. Kone.
 - 2. Otis Elevator Co.
 - 3. Schindler Elevator Corp.
 - 4. ThyssenKrupp Elevator.

2.2 ELEVATORS

- A. Elevator Description:
 - 1. Car Enclosures:
 - a. Side and Rear Wall Panels: Plastic laminate.
 - b. Reveals: Satin stainless steel, No. 4 finish.
 - c. Ceiling: Luminous ceiling.
 - d. Handrails: 1-1/2 inches (38 mm) round satin stainless steel, No. 4 finish, at rear of car.
 - e. Floor: VCT, see Section 096519 "Resilient Tile Flooring".

2.3 CAR ENCLOSURES

- A. General: Refinish car enclosure:
 - 1. Provide standard railings complying with ASME A17.1/CSA B44 on car tops where required by ASME A17.1/CSA B44.
- B. Materials and Finishes: Manufacturer's standards, but not less than the following:
 - 1. Floor Finish: VCT, Specified in Section 096519 "Resilient Tile Flooring".
 - 2. Plastic-Laminate Wall Panels: Plastic laminate adhesively applied to 1/2-inch (13-mm) fire-retardant-treated particleboard with plastic-laminate panel backing and manufacturer's standard protective edge trim. Panels have a flame-spread index of 25 or less, when

tested according to ASTM E84. Plastic-laminate color, texture, and pattern as selected by Architect from plastic-laminate manufacturer's full range.

3. Luminous Ceiling: Light fixtures and ceiling panels of translucent acrylic or other permanent rigid plastic.
4. Handrails: Manufacturer's standard handrails, of shape, metal, and finish indicated.

2.4 FINISH MATERIALS

- A. General: Provide the following materials for exposed parts of elevator car enclosures, car doors, hoistway entrance doors and frames, and signal equipment as indicated.
- B. Stainless-Steel Sheet: ASTM A240/A240M, Type 304.
- C. Stainless-Steel Tubing: ASTM A554, Grade MT 304.
- D. Plastic Laminate: High-pressure type complying with NEMA LD 3, Type HGS for flat applications Type BKV for panel backing.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine elevator areas, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work. Verify critical dimensions and examine supporting structure and other conditions under which elevator work is to be installed.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Install new finishes level and by manufacturer's recommendations.

3.3 PROTECTION

- A. Temporary Use: Elevators shall not be used for any purpose during construction.

END OF SECTION 142400

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SECTION 271423 - AUDITORIUM AUDIO VISUAL SYSTEMS

PART 1 GENERAL

1.1 WORK COVERED BY CONTRACT DOCUMENTS

- A. Conditions
 - 1. General Conditions and other contractual documents apply to each Division of the Specifications.
 - 2. Provisions contained in this Division apply to each Division of the Specifications.
 - 3. These documents are intended to define work performed by the Audiovisual Systems Contractor and not to alter the work of other contractors on the project.
- B. Unless otherwise provided, Contractor shall provide at his expense all materials, labor, equipment, tools, transportation, and utilities, including cost of connection, necessary for successful completion of interactive audio-visual systems implementation.
- C. Contractor shall coordinate their work with the Owner, General Contractor and Electrical Contractor as necessary for successful completion of Project.

1.2 SUMMARY

- A. This Section includes the audio and video systems and equipment coordination and installation for Whitewater High School.
- B. This Section encompasses the provision of all necessary equipment, labor, materials, and services required for the complete installation of audio and video systems, as detailed in the construction documents, audio and video system drawings, and these specifications.
- C. The drawings and general provisions of the Contract Documents apply to this Section.
- D. The Contractor acknowledges that the design specification and contract documents are sufficient for accurate bidding and completing the work within the agreed timeframe and budget.
- E. The Contractor shall provide the audio video systems, including delivery, installation, and warranty services, as outlined in the specifications. Vendors must submit pricing for the installation of audio-video systems in accordance with the Contract Documents.

1.3 WORK BY OTHER TRADES

- A. Conduits, cable pathways, connection boxes, pull boxes, junction boxes, combination service floor boxes, and outlet boxes are permanently installed on floors, walls, or ceilings. Providing the pre-determined conduit and boxes inside the walls.
- B. Providing network and power connections.

1.4 SYSTEM REQUIREMENTS

- A. Install all equipment to industry safety and ergonomic standards and provide complete engineering and technical support throughout the installation process.
 - 1. Do not begin installation until the support structure is correctly prepared.
 - 2. Do not proceed with installation until the support structures have been prepared using the methods recommended by the manufacturer and deviations from the manufacturer's recommended tolerances are corrected.
 - 3. Commencement of installation constitutes acceptance of conditions.
- B. The Contractor shall review all project drawings and fully understand the scope of the work. The work outlined in this Section should be carefully planned and coordinated to align with the progress of other trades, ensuring the project proceeds efficiently and without delays.
- C. The Contractor shall ensure the proper placement and integration of all work and equipment specified in this Section furnished.

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- D. Provide materials, labor, and equipment, including:
 - 1. The delivery, unloading, placement, and secure attachment to walls, floors, ceilings, counters, or other required structures.
 - 2. All work in the specifications or shown in the drawings is necessary to deliver fully operational turnkey systems.
 - 3. Inform the Site Manager of any unsatisfactory site conditions before continuing work.
- E. The functional integration of the audio, video, and control systems shall adhere to the manufacturer's installation guidelines, industry best practices, and the requirements outlined in this specification.
- F. The Contractor must ensure that work carried out by others is seamlessly integrated with the tasks specified in this Section and that all efforts meet the requirements detailed in this document.
- G. The Contractor shall provide the submittal of all shop drawings and documentation required for the complete installation and wiring of the system. Provide pre-printed wire labels numerically organized by signal type and cable count per the engineering documentation and shop drawings.
- H. The Contractor shall be responsible for the complete adjustment and calibration of the systems as specified and for providing all necessary test equipment for system checkout and acceptance testing. This includes adjusting and balancing all circuits as outlined in the specifications. All controls and software parameters shall be configured to ensure the systems and subsystems are fully functional and optimized. Additionally, all computer-controlled functions must undergo thorough audio, computer, and software setup, balancing, label entry, and documentation, with the final "as-built" documents submitted upon completion.
- I. The Contractor shall coordinate with the General Contractor (GC) and Electrical Contractor (EC) regarding all conduits, including junction boxes and pull wires.

1.5 QUALITY ASSURANCE

- A. Installer Qualifications: An experienced installer who is an authorized representative of equipment manufacturer for installation and maintenance of equipment required for audio video systems.
- B. The Contractor must meet the minimum qualifications outlined in this specification. The Contractor shall have a minimum of seven (7) years of proven experience in programming, fabrication, assembly, and installation of audio-video presentation systems.
- C. Prequalified Installer: SWC of Atlanta.
 - 1. Contact: Blake Schindler, telephone 678-376-8884.

1.6 IN-SERVICE TRAINING

- A. The Contractor shall provide and implement a complete and comprehensive staff training program for all owner-designated personnel. This training program will provide school staff with a complete understanding of utilizing and adequately operating all audio-video systems.

1.7 WARRANTY

- A. The Contractor shall provide a one-year warranty covering all parts and labor associated with the installation and setup of the audio-video system.
- B. Make available a service contract offering continuing factory-authorized service of the system after the initial warranty period.

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1.8 ACCEPTABLE MANUFACTURERS

- A. The Owner requires the standardization of manufacturers for all audio-visual equipment specified in this document. All equipment listed in the specifications shall be considered to be the approved standard, and no substitutions or equivalents will be accepted. The Contractor is required to supply only the exact brands, models, and components specified, with no deviations permitted.

PART 2 PRODUCTS

2.1 SYSTEM REQUIREMENTS

- A. The audio system for the auditorium shall be designed to provide clear, intelligible sound throughout the space, with uniform coverage and minimal distortion. The system shall include high-quality speakers, amplifiers, mixing equipment, microphones, and audio processing units to accommodate a variety of presentations and performances.
- B. The video system shall be capable of displaying visuals to the entire auditorium, ensuring clarity and sharpness regardless of the audience's location. The system will include high-definition projectors, screens, video distribution equipment, and necessary support systems to display video content from various sources, including computers, DVDs, and streaming devices. The installation must provide for easy switching between video sources and integration with the audio system. All video equipment shall be configured to support resolutions suitable for presentations, performances, and media playback. All projectors shall be mounted at 10' above finished floor.

2.2 EQUIPMENT AND MATERIAL

- A. Key Equipment Components
 - 1. All equipment and materials provided for the system shall be new, unused, and the latest model currently offered by the manufacturer.
 - 2. The specified audio-video equipment includes all major components necessary for the project. The Contractor shall integrate these components and supply any additional equipment, wiring, or accessories required to deliver a fully functional and operational system.
 - 3. The majority of the system components are identified by manufacturer name and model number on the wiring diagrams. The products listed below are provided as a no-exception standard to assist with bidding and to offer additional detail where necessary. The Contractor is responsible for verifying all quantities, configurations, and options needed to ensure the delivery of complete and fully functional systems.
 - 4. The Contractor shall include the provision and installation of new loudspeakers as part of the base bid. Additionally, provide a deductive alternate price to omit the new loudspeakers if, upon thorough testing, the existing loudspeakers are confirmed to be fully operational and suitable for reuse.
- B. Equipment for Auditorium AV Systems
 - 1. Allen&Heath SQ6 Digital Mixing Console
 - 2. Allen&Heath GX4816Stage Box
 - 3. Williams FM558 Pro Hearing Assistance System w/8 total receivers
 - 4. Shure SLXD+ Wireless Microphone System with twenty four SLXD1+=G57 bodypack transmitters, four SLXD2+/58-G57 handheld transmitters, seven SLXD4Q+=-G57 receivers, two UA844+ splitters and two UA864 antennas
 - 5. Biamp Tesiraforte AI Audio Processor (1)
 - 6. Biamp TEC-1s controller
 - 7. Custom Jack Plates (2)
 - 8. Extron DTP HDMI 4K 330 Rx Receiver (1)
 - 9. Extron Wall DTP T HWP 4K 331 D Plate HDMI Transmitter (2)
 - 10. Extron XTP DTP 24 Shielded Cable (Pre-Terminated)

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11. Extron IN1608xi Video Switcher/Processor
12. Extron MLC Plus 100 Controller (2)
13. Epson EB-PU2116W Projector & ELPLM11 Middle Throw Lens (Re-use existing mount)
14. Draper Paragon V Matte White Projection Screen 162"x260" w/LVC & 3' Black Drop
15. JBL VRX932LA-1WH (8) VRX918S-WH (4) Complete with hanging hardware
16. Middle Atlantic USC-6R Sequencer (1)
17. Middle Atlantic MPR-6A Raceway (1)
18. Middle Atlantic RLM-20A Unswitched Power Module (As needed)
19. Middle Atlantic M-15A Unswitched Power Module (1)
20. Middle Atlantic USC-KL Remote Power Switch
21. Lowell RPC-4-CD (1)
22. Tannoy REVEAL 802 Powered Monitor (2)
23. Behringer F1220D Stage Monitors (4)
24. Shure MX202 Overhead Microphones
25. Crown DCi 4/1250 Power Amplifier (3)
26. JBL CSA180Z Amplifier (1)
27. JBL Control 226C/T Ceiling Speaker
28. Clearcom KB-701 Speaker Station
29. Clearcom PS-702 Power Supply (1)
30. Clearcom CZ-DX410-4UP Wireless Intercom System (1)
31. Clearcom CZ-BP410 Beltpack/Batteries (4)
32. Clearcom CZ-AC50 Charger (2)
33. Clearcom CZ11450 Headset (4)
34. Clearcom G2667-1 Antenna Extension (2)
35. West Penn 291 Microphone Cable
36. West Penn C207 Mains Speaker Cable
37. West Penn 224 Ceiling Speaker Cable
38. West Penn 4246AF Shielded Cat Cable
39. Owner Furnish Equipment.
40. The Owner reserves the right to furnish any materials necessary for the project.

C. Equipment for Cafeteria AV System

1. Two SLXD2+/58-G57 handheld transmitters
2. Shure SLXD4D+ Receiver
3. Shure UA864US Wall Mount Antennas
4. Shure UABIAST Power Module
5. Symetrix Jupiter 8 DSP
6. Symetrix xIO Bluetooth Interface
7. Symetrix T-5 Glass Touchscreen
8. FSR WB-PS2G Locking Cover
9. JBL 68HP Pendant Speakers
10. Middle Atlantic DWR-16-22 Equipment Cabinet
11. Middle Atlantic LVFD-16 Perforated Front Door
12. Middle Atlantic UD3 Storage Drawer
13. Lowell ACSPR-SEQ6-2009 Power Sequencer
14. Lowell RPSW-MP Remote Power Switch
15. Crown DCi 4/600 Power Amplifier
16. Proco Type E Input Jack Plate
17. West Penn 291 Microphone Cable
18. West Penn 224 Pendant Speaker Cable
19. West Penn 813 Antenna Cable
20. West Penn 4246 UTP CAT Cable

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21. Owner Furnish Equipment.
22. The Owner reserves the right to furnish any materials necessary for the project.
- D. Equipment for Gymnasium AV System
 1. Shure SLXD2+/58-G57 handheld transmitters (2)
 2. Shure SLXD4D+ Receiver
 3. Shure UA505 Antenna Mount Kit
 4. Middle Atlantic ERK-3525 Equipment Rack
 5. Middle Atlantic LVFD-35 Perforated Front Door
 6. Middle Atlantic CBS-ERK-3525 Caster Base
 7. Middle Atlantic UD3 Storage Drawer
 8. Symetrix Jupiter 8 DSP
 9. Symetrix xIO Bluetooth Interface
 10. Symetrix T-5 Glass Touchscreen
 11. FSR WB-PS2G Locking Cover
 12. Lowell SEQR-8 Sequencer
 13. Lowell RPC-4-CD Switched Outlet Module
 14. Middle Atlantic MPR-6A Raceway
 15. Middle Atlantic RLM-20A Switched Power Module (As needed)
 16. Middle Atlantic M-15A Unswitched Power Module (1)
 17. Biamp/Community IP6-1152/96W Loudspeaker (6)
 18. Biamp/Community IP6-1152/26W Loudspeaker (3)
 19. Crown XLi 3500 Power Amplifier (3)
 20. West Penn C207 Speaker Cable
 21. West Penn 4246 UTP CAT6 Cable
 22. Proco Type A Microphone Input Jack Plate (4)
 23. Owner Furnish Equipment.
 24. The Owner reserves the right to furnish any materials necessary for the project.

PART 3 EXECUTION

3.1 INSTALLATION

- A. General: Install the system following NFPA 70 and other applicable codes. Install equipment following the manufacturer's written instructions.
- B. Furnish and install all materials, devices, components, and equipment for a complete and operational system.
- C. Impedance and Level Matching: Carefully match input and output impedance and signal levels at signal interfaces. Provide matching networks where required.
- D. Control Circuit Wiring: Install control circuits following NFPA 70 and as indicated. Provide a number of conductors as the system manufacturer recommends to provide control functions indicated or specified.
- E. The Contractor shall meet all local, state, and federal building and fire codes.
- F. The Contractor shall conduct a comprehensive survey of all project areas to identify and verify the presence and proper placement of infrastructure elements provided by others for contractor cabling. These elements include wall penetrations, sleeves, conduits, stub-ups, cable trays, back boxes, and pull boxes.
- G. The Contractor shall confirm that all site conditions are prepared in accordance with project requirements, including inspection to ensure all power and conduits are installed as per project drawings and schedules.
- H. Verify audio video devices installed by the Electrical Contractor (EC) or General Contractor (GC), including back boxes and floor boxes.

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- I. Inspection to ensure all power and conduits are installed per project drawings and schedules.
- J. Wiring within Enclosures: Provide adequate length of conductors. Bundle, lace, and train the conductors to terminal points with no excess.
- K. Identification of Conductors and Cables: Use color coding of conductors and apply wire and cable marking tape to designate wires and cables so all media are identified in coordination with system wiring diagrams.

3.2 CLOSEOUT DOCUMENTATION

- A. As-Built Drawings and Documentation. Upon substantial project completion, the Contractor shall submit As-Built drawings and marked-up versions of the As-Designed drawings. These As-Built drawings must reflect any changes made during construction based on the project's construction documents and approved shop drawings. All modifications to the original design must be indicated on the drawings. The completed As-Built drawings shall be provided in both .pdf and .dwg formats. Submit one (1) copy of the construction document and one (1) copy to the owner representative of the drawings.
- B. Equipment Manuals - No less than thirty (30) days after the job site acceptance testing, submit one (1) copy of the construction document and one (1) copy to the owner representative of each of the following manuals. Manufacturer's original operation instructions and service manuals.
- C. All brochures, manuals, and service sheets published by the manufacturer(s) of the equipment for systems checkout and acceptance tests.
- D. Equipment Delivery- Upon completion of the project, the Contractor shall deliver all system keys, remotes, and any existing operational equipment removed during the renovation to the Owner.

3.3 FINAL ACCEPTANCE TESTING

- A. The Final Acceptance Testing shall only be provided to the Owner or the Owner's designated representative. Final acceptance testing to any other trade or service provider for the project will not comply with the requirements of this Section.
- B. The Contractor will provide a Final Acceptance Test record document signed by both the Contractor and the Owner or designated Owner's Representative establishing the "In Warranty" date. The warranty period will not commence until the Final Acceptance Test is completed.

3.4 SUBSTANTIAL COMPLETION TESTS AND ADJUSTMENTS

- A. Audio Systems Adjustments - The Contractor shall adjust the system to eliminate any noise or feedback.
 - 1. If the systems are unable to meet the specified performance for any reason, immediately notify the Owner's Representative and Consultant in writing. Contractor shall include the results obtained, any observed or suspected causes for failure to meet the specified performance, and any suggested or recommended solutions.
 - 2. Coordinate final equalization and output levels with the Owner's Representative.
- B. Video Systems Adjustments - The Contractor shall test and adjust the installed systems as detailed below. Further adjustments may be required during any Final Tests.
 - 1. Verify that all projected and displayed images are square and plumb.
 - 2. Adjust all projectors and display devices for all Owner Furnished laptops or computers indicated on the Drawings and for all standard computer display formats. Provide verification that these tests have been performed in Substantial Completion Submittals.
 - 3. If the systems are unable to meet the specified performance for any reason, immediately notify the Owner's Representative in writing. Contractor shall include the results obtained, any observed or suspected causes for failure to meet the specified performance, and any suggested or recommended solutions.

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3.5 FINAL TESTS

- A. Final Tests shall take place at time of Substantial Completion.
- B. Schedule a time for the Owner's Representative to perform the final walk through. Notify the Owner's Representative at least fourteen calendar days in advance.
- C. Furnish a technician who is familiar with the system to assist during the final walk through.
- D. Under the direction of the Owner's Representative, adjust the systems as required to achieve the final specified or desired performance.
- E. Record final settings on all Systems and incorporate into the Final Contract Close-out Submittals.

3.6 INSTRUCTION

- A. Contractor shall furnish qualified individual(s) to provide a minimum 16 hours of instruction with the Owner or his designated representative(s) regarding the design, features and proper operation of the Systems. The Instruction shall include providing a qualified individual to be present at the Grand Opening and the first major event, as determined by the Owner. Coordinate the scheduling, course material and content with the Owner.

3.7 FINAL CLEANING

- A. At completion of work, remove all rubbish, all tools, scaffolding, and surplus materials from the building and shall leave the building clean and habitable.
- B. At completion of work, thoroughly sweep floors and dust flat surfaces such as cabinet tops, counters and windowsills. Clean windows and projection screens in the areas affected by the work.
- C. Coordinate removal or storage of packing materials with the Owner and General Contractor.
- D. Contractor shall remove all packing materials from the building unless otherwise directed.
- E. If Contractor fails to clean up, Owner may do so and the cost thereof will be charged to the Contractor.

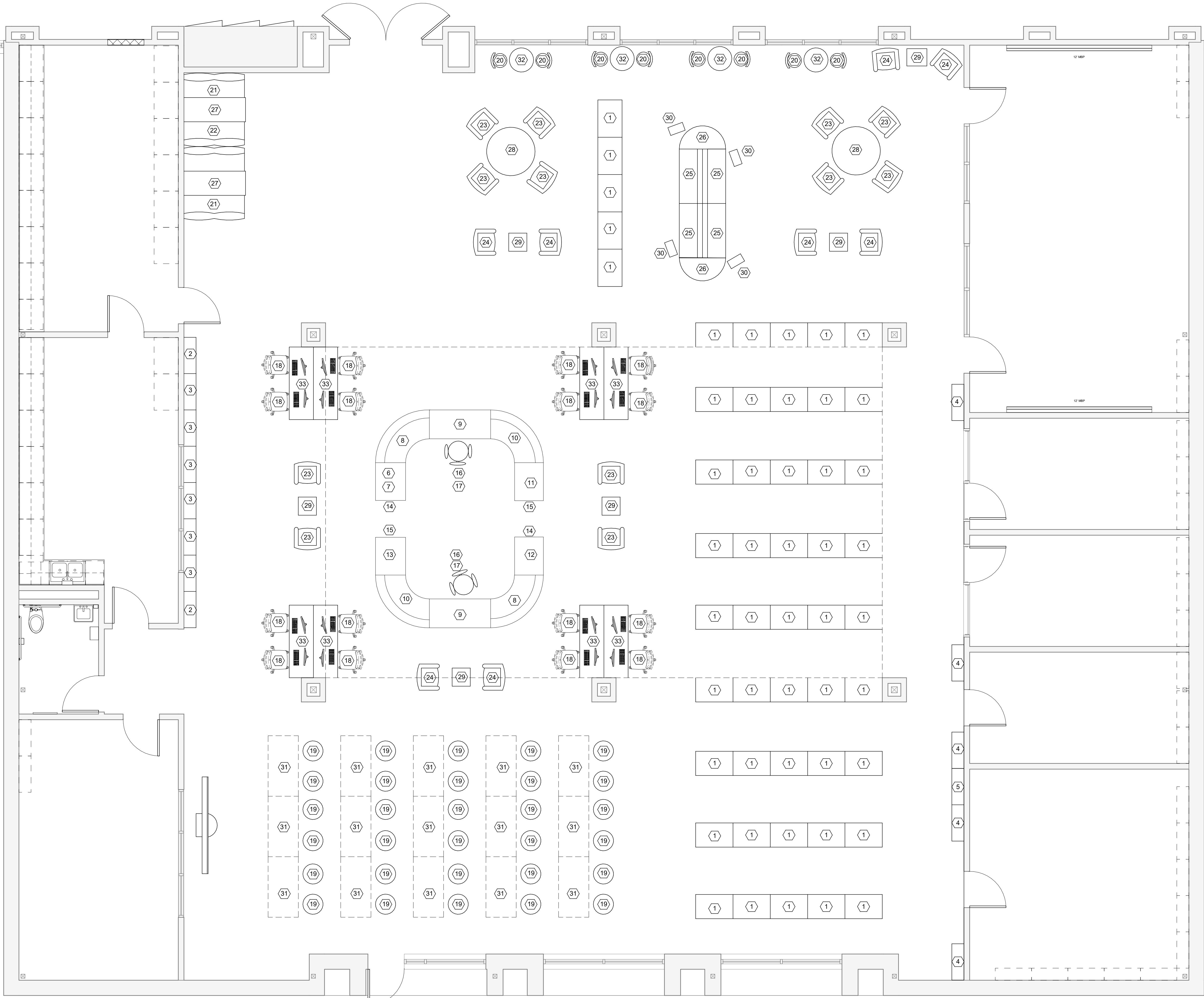
3.8 FINAL ACCEPTANCE

- A. Final acceptance of the installation shall be the sole responsibility of the Owner and will be based upon the report of the Owner's Representative following the Final Tests and upon receipt of acceptable Final Contract Close-out Submittals and Instruction documentation.
- B. The failure of a representative of the Owner, Project Manager, Owner's Representative, Architect or Consultant to condemn any defective work or material shall not release the Contractor from the obligation to promptly remove and replace the same at any time before final acceptance upon discovery of said defective work or material without claim for additional payment.

END OF SECTION 271423

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PBK Project No. 240477	Fayette County Schools
Addendum No. 4	2026-10-21

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#	Qty	Part Number	Description
Book Shelving			
1	50	V21-4824M-MOB	Bookmark shelving, dbl faced starter, mobile, maple veneer panel construction, 37"W x 24"D x 48"H
2	7	V21-4812M	Bookmark shelving, sgl face starter, maple veneer panel construction, unfinished back face, 37"W x 12"D x 47 1/2"H
3	6	V21-4812AM	Bookmark shelving, sgl face adder, maple veneer panel construction, unfinished back face, 38"W x 12"D x 47 1/2"H
4	5	V21-4812M-31	Bookmark shelving, sgl face starter, maple veneer panel construction, unfinished back face, 31"W x 12"D x 31 1/2"H
5	1	V21-4812AM-30	Bookmark shelving, sgl face adder, maple veneer panel construction, unfinished back face, 30"W x 12"D x 31 1/2"H
Total Book Shelving			
Desks			
6	DK-1	1	MCD-36BR-32M Book Return, 36"W X 30"D X 31.5"H, maple
7	DK-1a	1	MCD-DBTM-2424-24 Depressable book truck, maple, for 32"DSH Book Return units, 24" x 24" x 24"H
8	DK-2	2	MCD-30ERC2SR-KSR-32/TRX3M 90" Extended Radius Corner, maple, 52"H full hgt front, ~74"W x 36"D, 31.5"H wksfc, 38.5"H transaction ledge - kneespace panel right
9	DK-3	2	MCD-60D-KS-32M-GG-LR Desk Unit, 60"W X 30"D X 31.5"H - kneespace panel left and right, maple, Gray Grommet Left and Right
10	DK-4	2	MCD-30ERC2SR-KSL-32/TRX3M 90" Extended Radius Corner, maple, 52"H full hgt front, ~74"W x 36"D, 31.5"H wksfc, 38.5"H transaction ledge - kneespace panel left
11	DK-5	1	MCD-36-4D-32M Drawer Unit with 6 drawers, B&B 36"W X 30"D X 31.5"H, maple
12	DK-6	1	ADA Desk Unit, 36"W X 30"D X 31.5"H, maple
13	DK-7	1	MCD-36CS-32M Cupboard Unit, 36"W X 30"D X 31.5"H, maple
14	EP-1	2	MCD-B-32-EPM-LH Bookmark Left End Panel for (nominal) 32"H Unit, maple
15	EP-2	2	MCD-B-32-EPM-RH Bookmark Right End Panel for (nominal) 32"H Unit, maple
Total Desks			
Seating			
16	CH-1	2	HAN107-T17-809 Hannah Task Chair, with arms, mobile base, (5) casters Thermoplastic-T17 Woodpecker Red, Powder coat -809 Silver
17	CH-1a	2	HAN600A-G7 Hannah Seat cushion, fabric: Grade 7
18	CH-2	16	HAN207-T16-624 Hannah Task Chair, Armless, mobile base, (5) casters, Thermoplastic-T16 Dove, Powder coat-624 Cardinal (Grp 2: requires setup charge)
19	CH-3	30	HAN005-T17-809 Hannah, Stackers, Armless, Mobile, 18D x 18W x 29.5H Thermoplastic-T17 Woodpecker Red, Powder coat-809 Silver
20	CH-4	5	HAN006-T17-809 Hannah, Bar Height Stool, Armless, 18D x 18W x 41.5H Thermoplastic-T17 Woodpecker Red, Powder coat-809 Silver
21	CH-5	2	SBS-C2460-HL-G7 Shirley booth, Single sided, high back, 24"D x 60"W x 48"H, HPL base/PVC edge, Pricing Grade: G7
22	CH-5	1	SBS-C2460-HL-G7 Shirley booth, Double sided, high back, 48"D x 60"W x 48"H, HPL base/PVC edge, Pricing Grade: G7
23	CH-7	12	EN-3029-G7-2S Engage Arm Chair, (2) metal feet, (2) casters 30"W x 29"D, 18"SH, Pricing Grade 7
24	CH-8	5	EN-3029-G7-2S Engage Arm Chair, (2) metal feet, (2) casters 30"W x 29"D, 18"SH, Pricing Grade 7
25	CH-10	4	FTN62-2448-G3-4C Full Time Halfback, 24" x 48" x 31H overall 18"SH, casters, Pricing Grade 3
26	CH-11	2	FTN40-48-G2-4C Full Time Half-round Ottoman, 48" Diam. X 18"H, casters, Pricing Grade 2
Total Seating			
Tables			
27	TA-1	2	O22-C3060-26 Orbit Rect Top, HPL/3mm PVC edge, 30"D x 60"W x 29.25"H, (2) 22" Orbit bases
28	TA-2	2	COXN-C0030-22 Cesar Round Occasional table, 30" Dia x 22"H 20" X-base with leveling glides
29	TA-3	6	COXN-C2424R-18 Cesar SQ radius corner Occasional table, 24" x 24" x 18"H, 20" X-base with leveling glides
30	TA-4	4	FRM-C1420E-26 Forum Side Gig Mod Elliptical top, Disc Base Work Table, HPL wksfc, 3mm PVC edge, 14"D x 20"W x 26"H
31	TA-5	15	CT26-C3060-F1-29-4C Cesar Rectangular Flip-top Table, 30" x 60" x 29"H, (2) 26" T bases, each with locking casters.
32	TA-6	4	COXN-C0030-42 Cesar Round Top Table, 30" Diam. x 42"H, 20" X-base with leveling glides
33	TA-7	8	WCT-C2472-3-29 WCT table, steel end, int. frames, HPL top, 3mm PVC edge, 24"D x 72"W x 29"H
Total Tables			

1 ENLARGED MEDIA CENTER PLAN

1/4" = 1'-0"

Whitewater High School

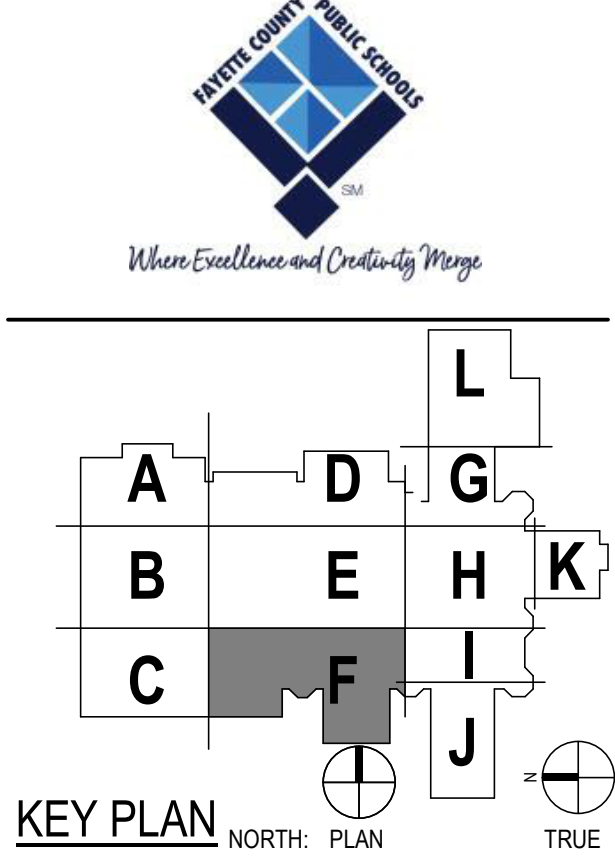
Renovations

100 Willicat Way
Fayetteville, GA 30215

CLIENT PROJECT NUMBER: 240477

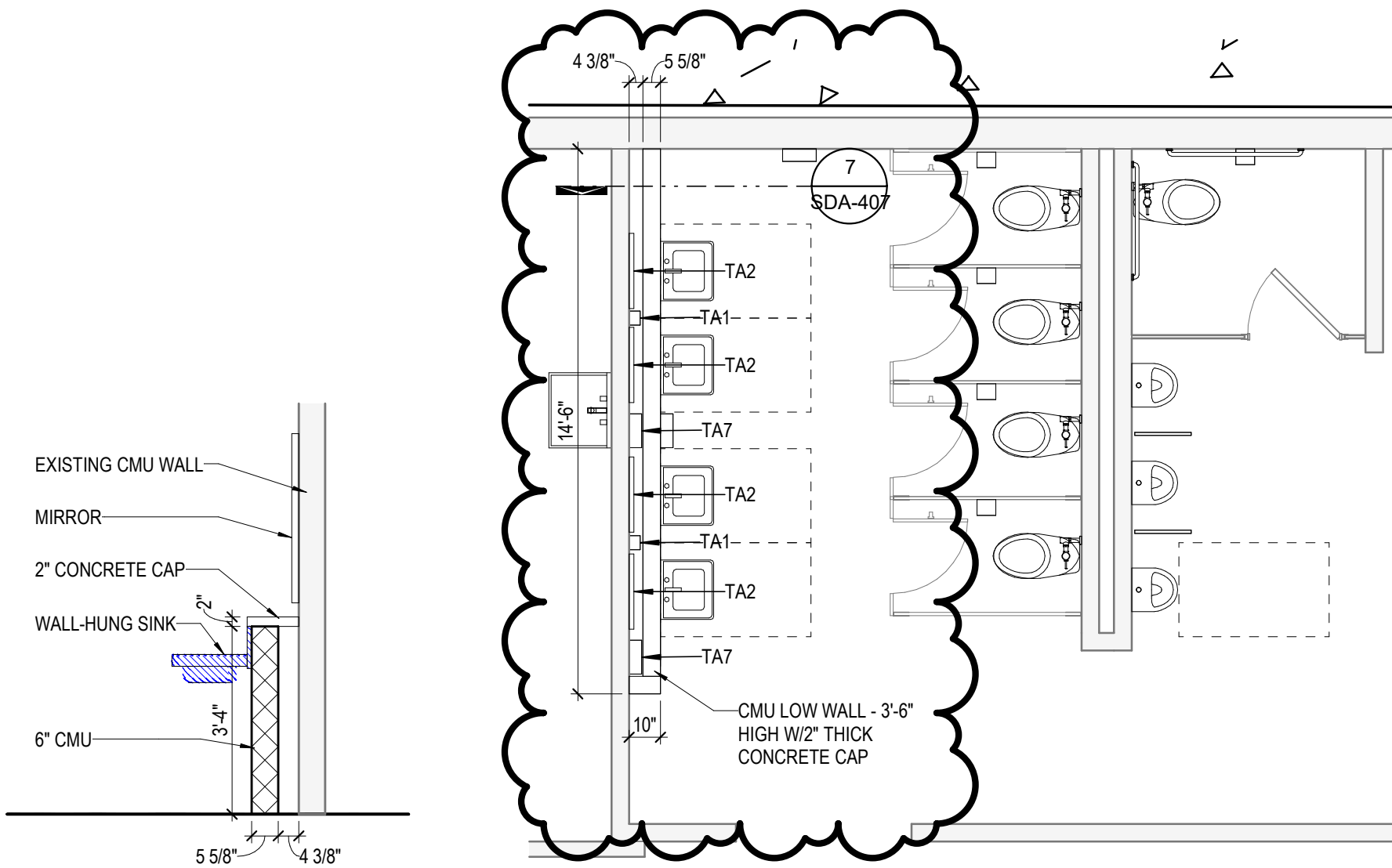
Bid Set

AGENCY NAME: AGENCY NO



CLIENT Fayette County Schools		
DATE 09/11/26	PROJECT NUMBER 240477	
DRAWING HISTORY		
No.	Description	Date
1.	Addendum No.4	10/21/26
CHECKED BY: Checker		
DRAWN BY: Author		

ENLARGED MEDIA
CENTER FLOOR PLAN



7 SECTION DETAIL
3/8" = 1'-0"

2 ENLARGED TOILET PLAN
1/4" = 1'-0"



GRIFFIN
525 East Taylor Street
Griffin, GA, 30223
770-227-5473 P
SUGAR HILL
E Center at Sugar Hill
5019 West Broad St, Suite M207
Sugar Hill, GA 30518
770-227-5473 P

PROJECT:
Whitewater High School Renovations

SCALE:
As indicated

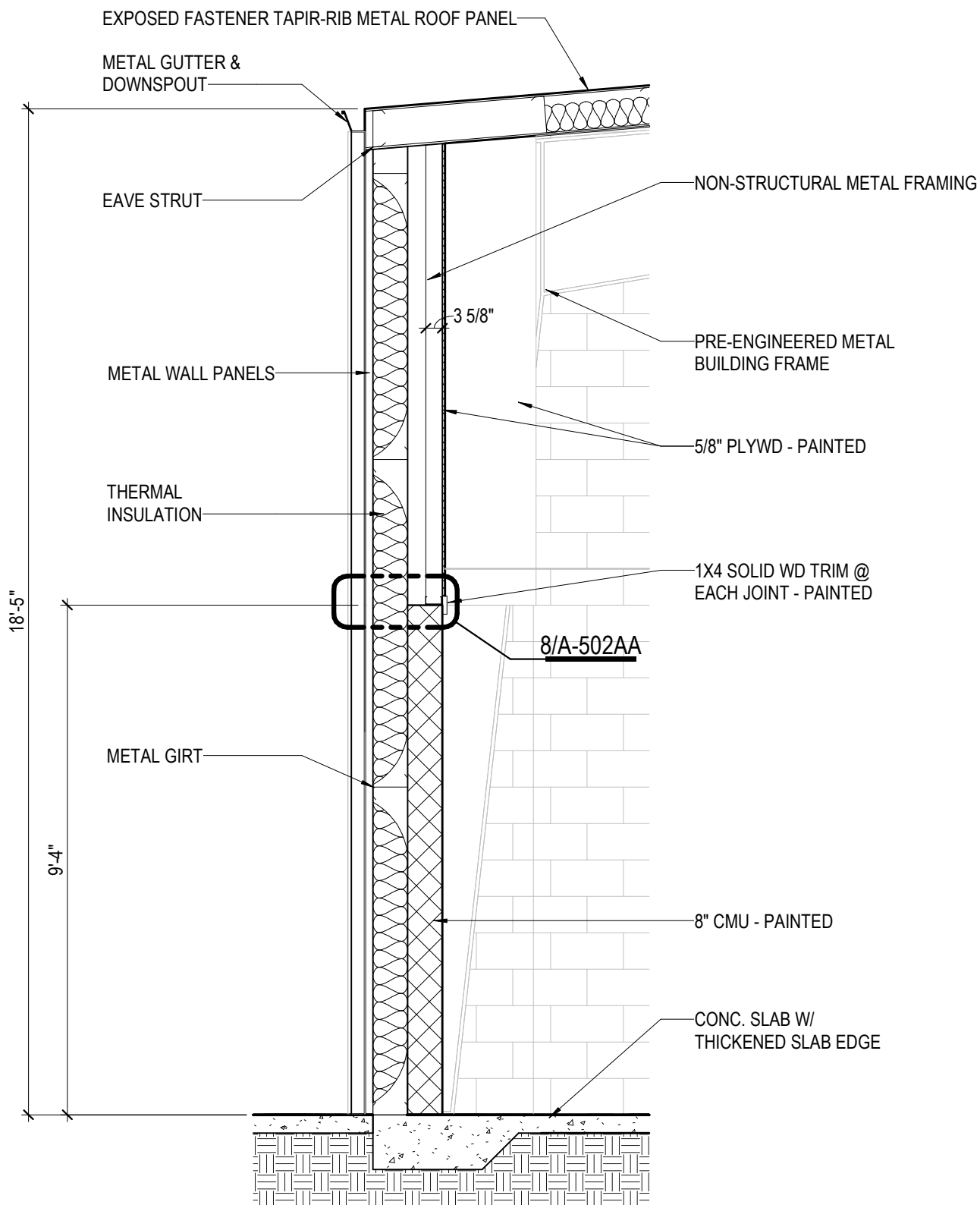
PROJECT No: 240477

Addendum No.4 -
10/21/2026

SKETCH NUMBER:

SDA-407





10 WALL SECTION 3/8" = 1'-0"



GRIFFIN
 525 East Taylor Street
 Griffin, GA, 30223
 770-227-5473 P
 SUGAR HILL
 E Center at Sugar Hill
 5019 West Broad St, Suite M207
 Sugar Hill, GA 30518
 770-227-5473 P

PROJECT:
 Whitewater High School Renovations

SCALE:
 3/8" = 1'-0"

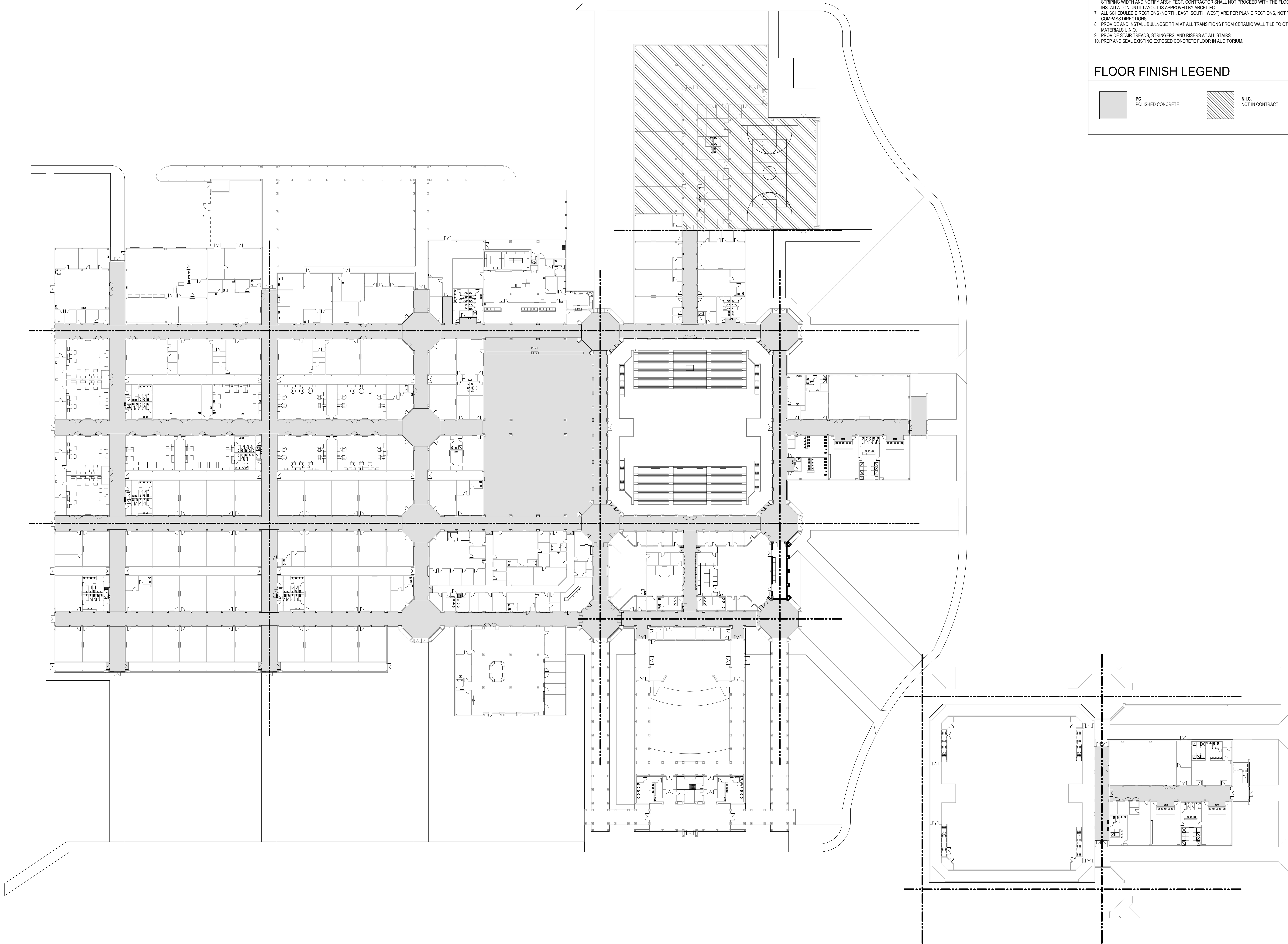
PROJECT No: 240477

Addendum No.4 -
 10/21/2026

SKETCH NUMBER:

SDA-502AA





GENERAL FLOOR FINISH NOTES

1. ALL FINISH MATERIALS SHALL MEET THE EDUCATIONAL CLASSIFICATION FLAME SPREAD INDEX FROM NFPA 101 AND NFPA 45.
2. REFER TO INTERIOR ELEVATIONS FOR SPECIFIC MATERIAL LOCATIONS.
3. PROVIDE TRANSITION STRIPS AT ALL LOCATIONS WHERE CONDITIONS OF DISSIMILAR FLOOR FINISHES ADJ. REFER TO SPECIFICATIONS FOR TRANSITION TYPES.
4. ALL FLOORING TRANSITIONS AT DOORS SHALL BE LOCATED UNDER THE DOOR AND OCCUR AT THE CENTERLINE OF DOORS IN THE CLOSED POSITION U.N.O.
5. CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING FINISHED FLOORING SURFACES FROM DAMAGE DURING ALL CONSTRUCTION PHASES.
6. GENERAL CONTRACTOR TO SUBMIT FLOORING PATTERN LAYOUT WITH STRIPING COLORS AND STRIPING WIDTH AND NOTIFY ARCHITECT. CONTRACTOR SHALL NOT PROCEED WITH THE FLOORING INSTALLATION UNTIL LAYOUT IS APPROVED BY ARCHITECT.
7. ALL SCHEDULED DIRECTIONS (NORTH, EAST, SOUTH, WEST) ARE PER PLAN DIRECTIONS, NOT TRUE COMPASS DIRECTIONS.
8. PROVIDE AND INSTALL BULLNOSE TRIM AT ALL TRANSITIONS FROM CERAMIC WALL TILE TO OTHER MATERIALS U.N.O.
9. PROVIDE STAIR TREADS, STRINGERS, AND RISERS AT ALL STAIRS
10. PREP AND SEAL EXISTING EXPOSED CONCRETE FLOOR IN AUDITORIUM.

FLOOR FINISH LEGEND

PC
POLISHED CONCRETE

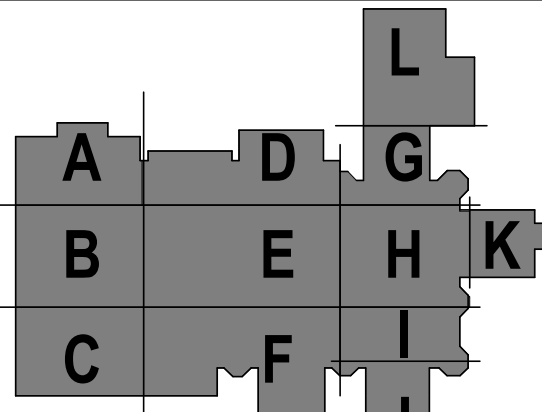
N.L.C.
NOT IN CONTRACT

2 LEVEL 1 - FINISH FLOOR PLAN
1/32" = 1'-0"

1 LOWER LEVEL - FINISH FLOOR PLAN
1/32" = 1'-0"

Whitewater High School
Renovations

CLIENT PROJECT NUMBER: 240477
100 Willicat Way
Fayetteville, GA 30215
Bid Set
AGENCY NAME: AGENCY NO

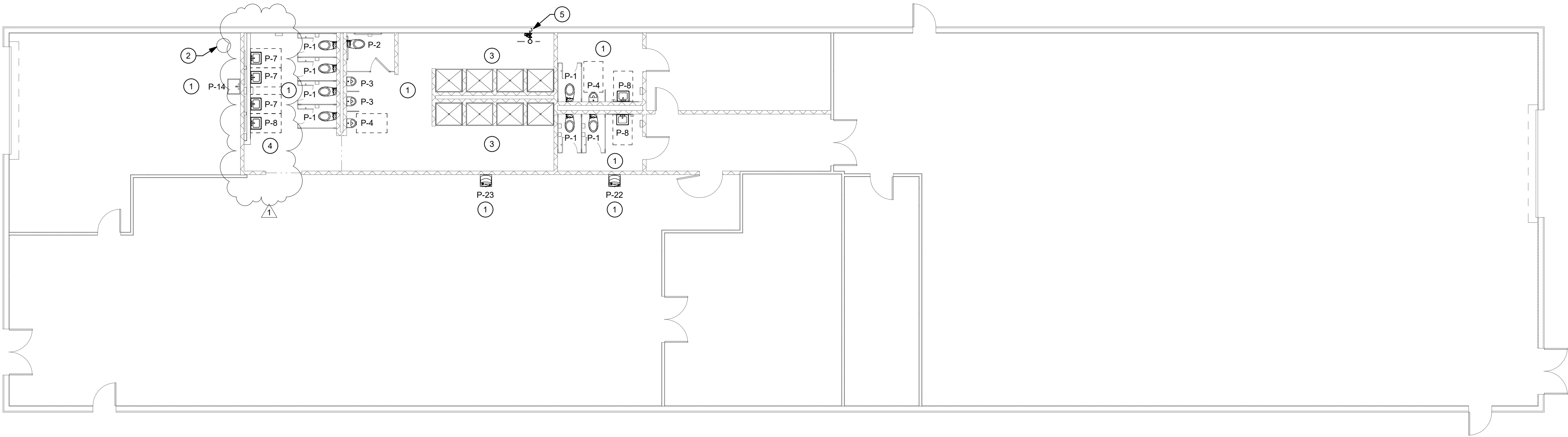


KEY PLAN NORTH: PLAN TRUE



CLIENT Fayette County Schools		
DATE 09/11/26	PROJECT NUMBER 240477	
DRAWING HISTORY		
No.	Description	Date
1.	Addendum No.4	10/21/26
CHECKED BY: RV		
DRAWN BY: JH		

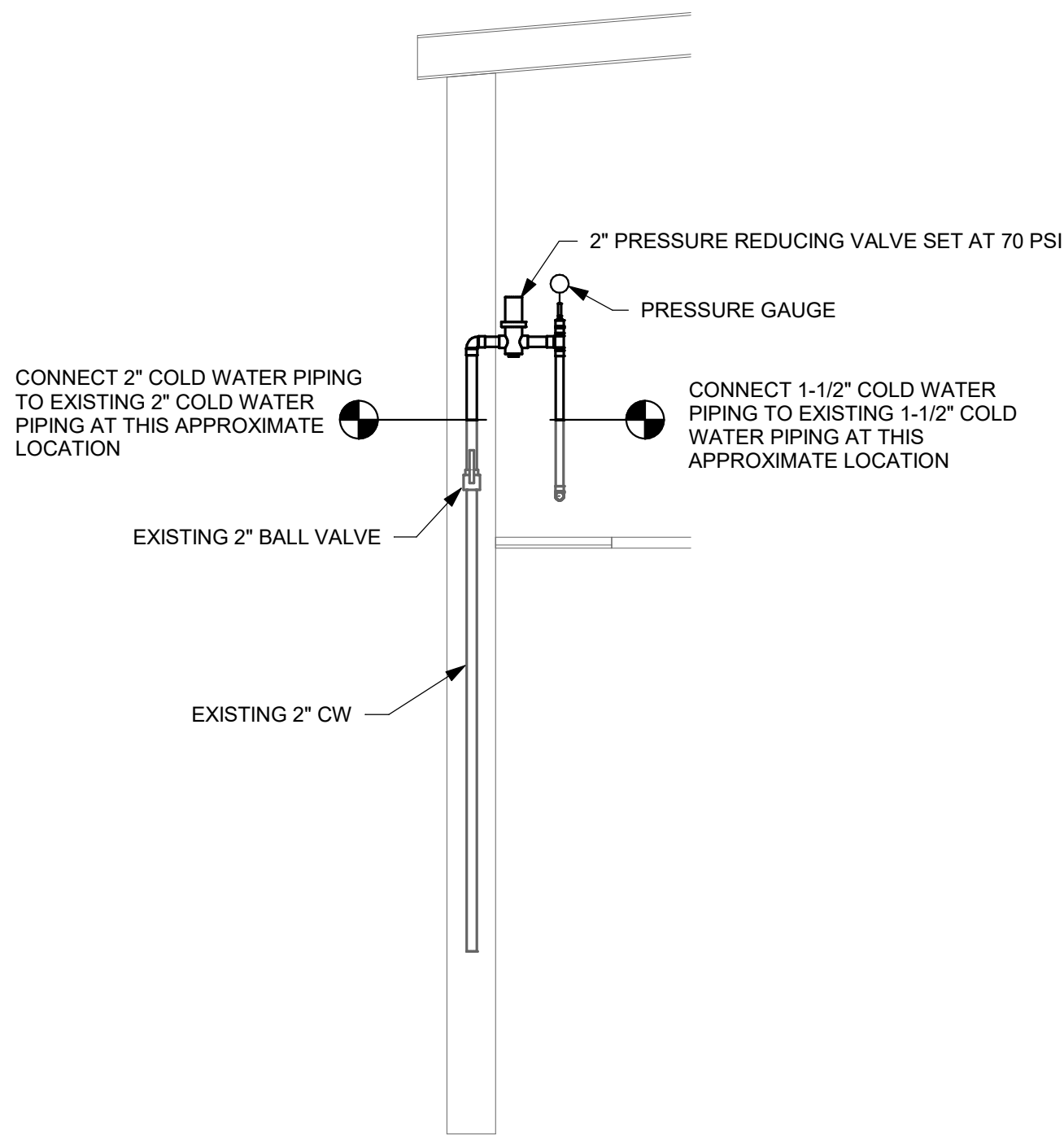
FINISH FLOOR PLAN -
ALTERNATE NO. 1



PLUMBING FLOOR PLAN - FOOTBALL FIELD HOUSE
SCALE: 1/8" = 1'-0"

NOTES: (THIS SHEET ONLY)

- 1
- CONTRACTOR SHALL REMOVE EXISTING PLUMBING FIXTURE(S) AND REPLACE WITH FIXTURE(S) SPECIFIED.
- 2
- EXISTING ELECTRIC WATER HEATER TO REMAIN.
- 3
- EXISTING SHOWERS TO REMAIN.
- 4
- EXISTING LAVATORIES DO NOT HAVE CARRIERS. CONTRACTOR SHALL HANG NEW LAVATORIES ON CARRIERS AS SPECIFIED. INSTALL NEW CARRIERS IN NEW LOW CHASE WALL. SEE ARCHITECTURAL DRAWINGS AND DETAIL. EXTEND EXISTING WASTE AND WATER ROUGH-INS AS REQUIRED TO GET TO NEW LAVATORY LOCATIONS.
- 5
- CONTRACTOR SHALL MODIFY EXISTING DOMESTIC WATER ENTRANCE AS SHOWN IN THE DETAIL ON THIS SHEET. WORK OCCURS AT THE MEZZANINE LEVEL.



DOMESTIC WATER ENTRANCE - FOOTBALL FIELD HOUSE
SCALE: N.T.S.



AH&P
CONSULTING
ENGINEERS

ANDREWS HAMMOCK & POWELL, INC.
250 Chertle Lane
Suite 100
MACON, GEORGIA 31210
MACON (478) 465-8801
FAX (478) 465-8810
WWW.AHPENGR.COM

Whitewater High School
Renovations

100 Willicat Way
Fayetteville, GA 30215

CLIENT PROJECT NUMBER: 240477
Bid Set

FAYETTE COUNTY SCHOOLS

When Excellence and Creativity Merge

KEY PLAN

NORTH PLAN TRUE

GEORGIA
REGISTERED
PROFESSIONAL
ENGINEER
JAMES A. ANDREWS, P.E.

CLIENT
Fayette County Schools
DATE
09/11/2026
PROJECT NUMBER
240477

DRAWING HISTORY

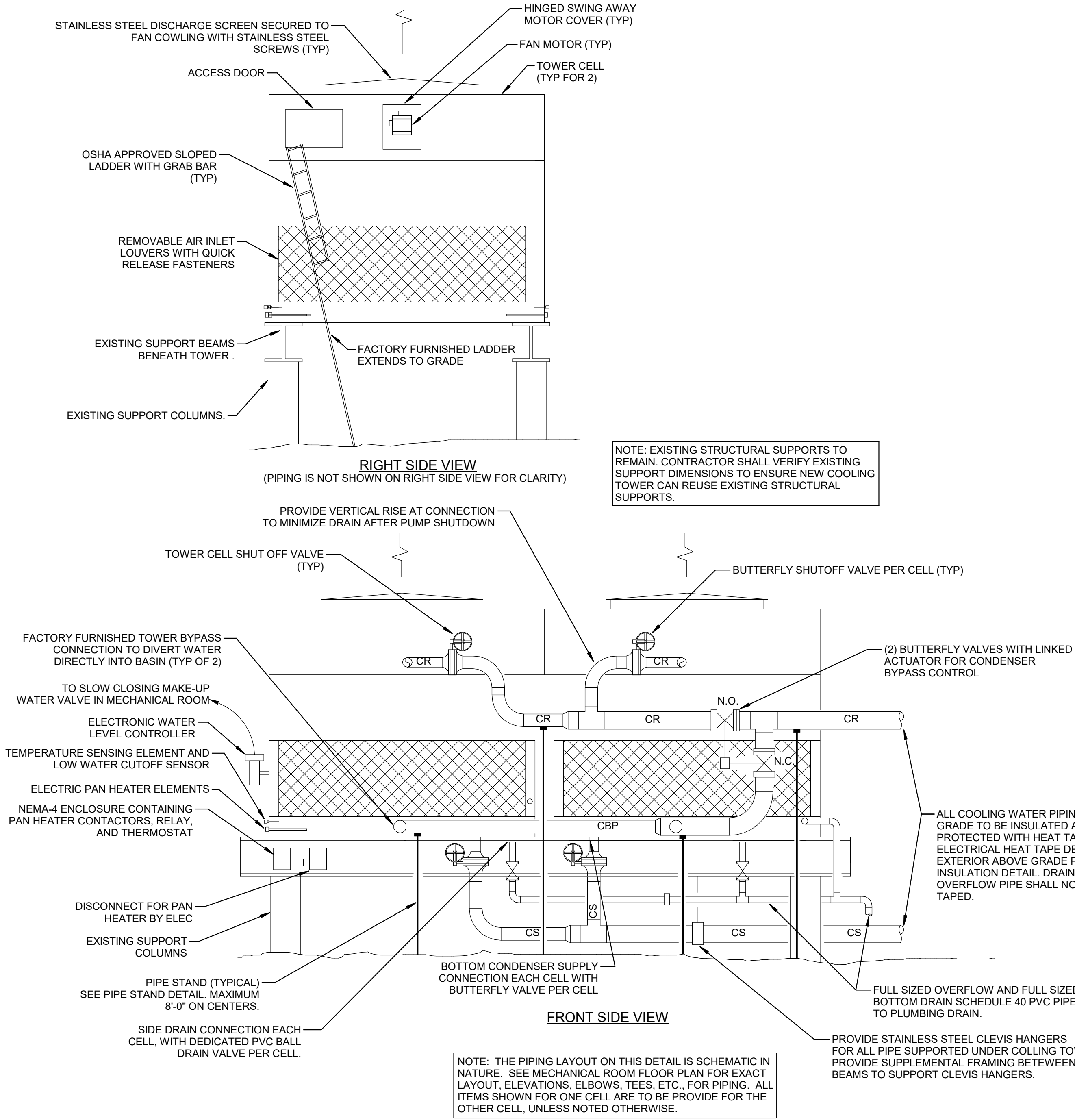
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ADDENDUM #4
10/21/2026

CHECKED BY: JMC
DRAWN BY: JMC

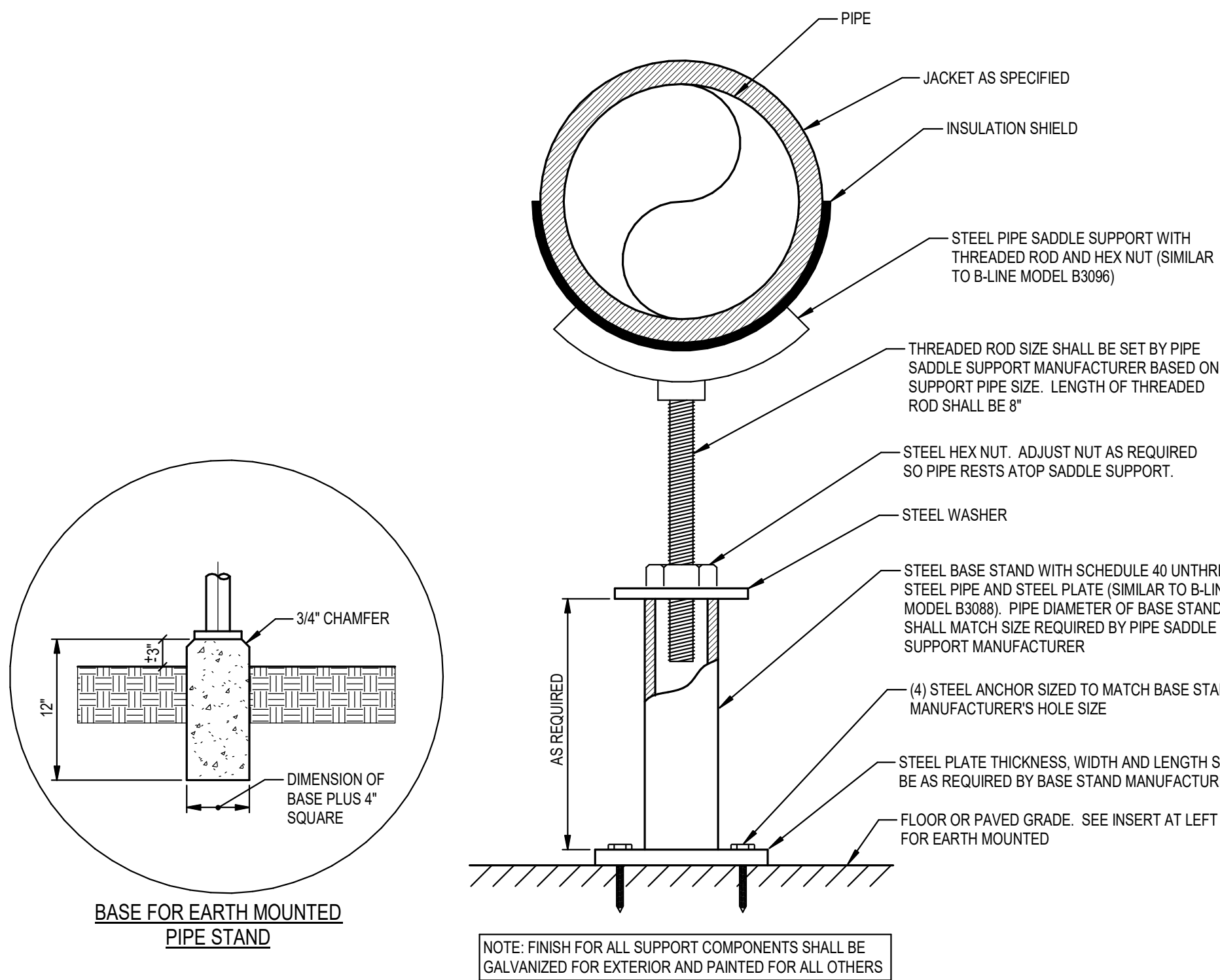
PLUMBING FLOOR PLAN -
FOOTBALL FIELD HOUSE

P-101AC

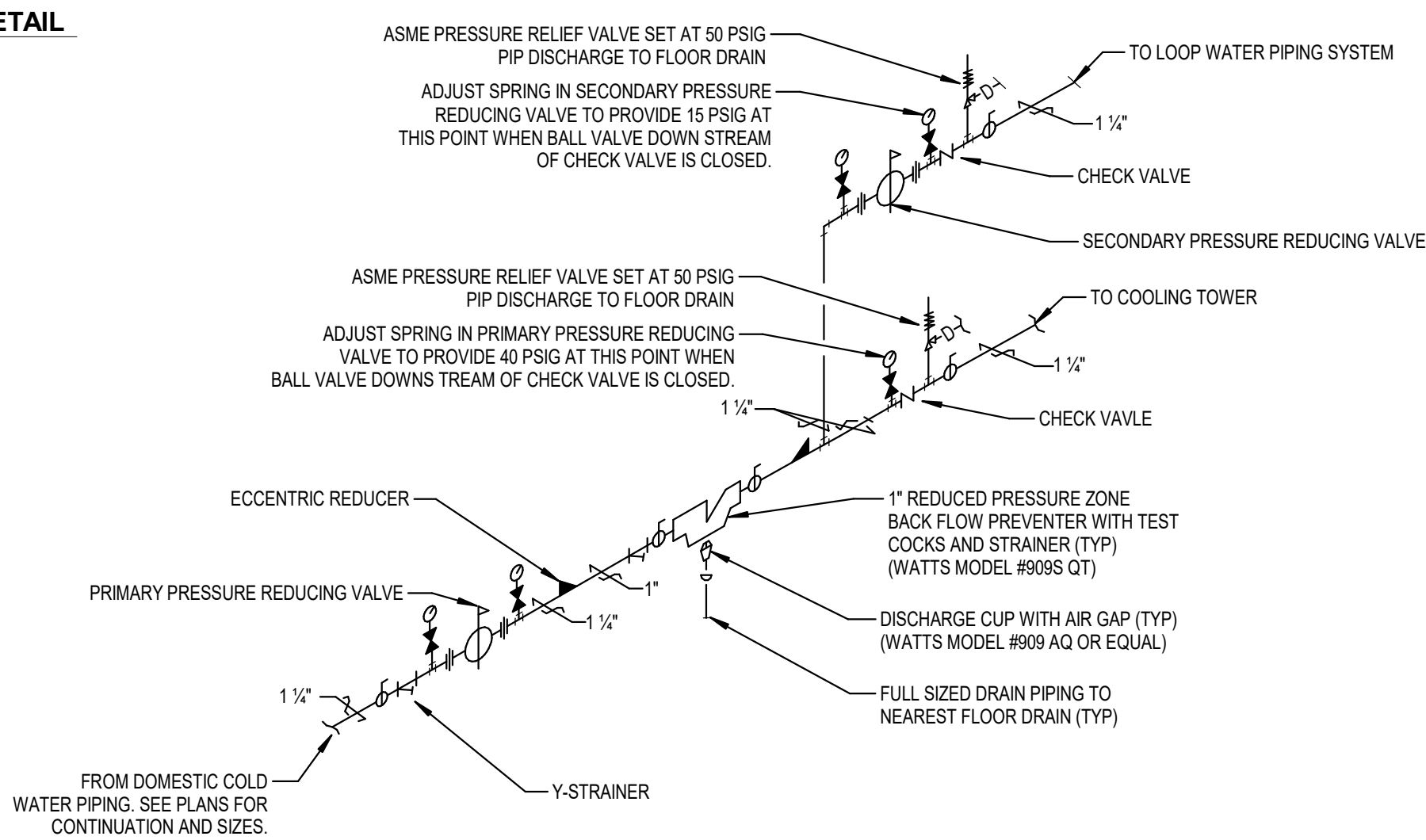
COOLING TOWER DETAIL / 2
NOT TO SCALE



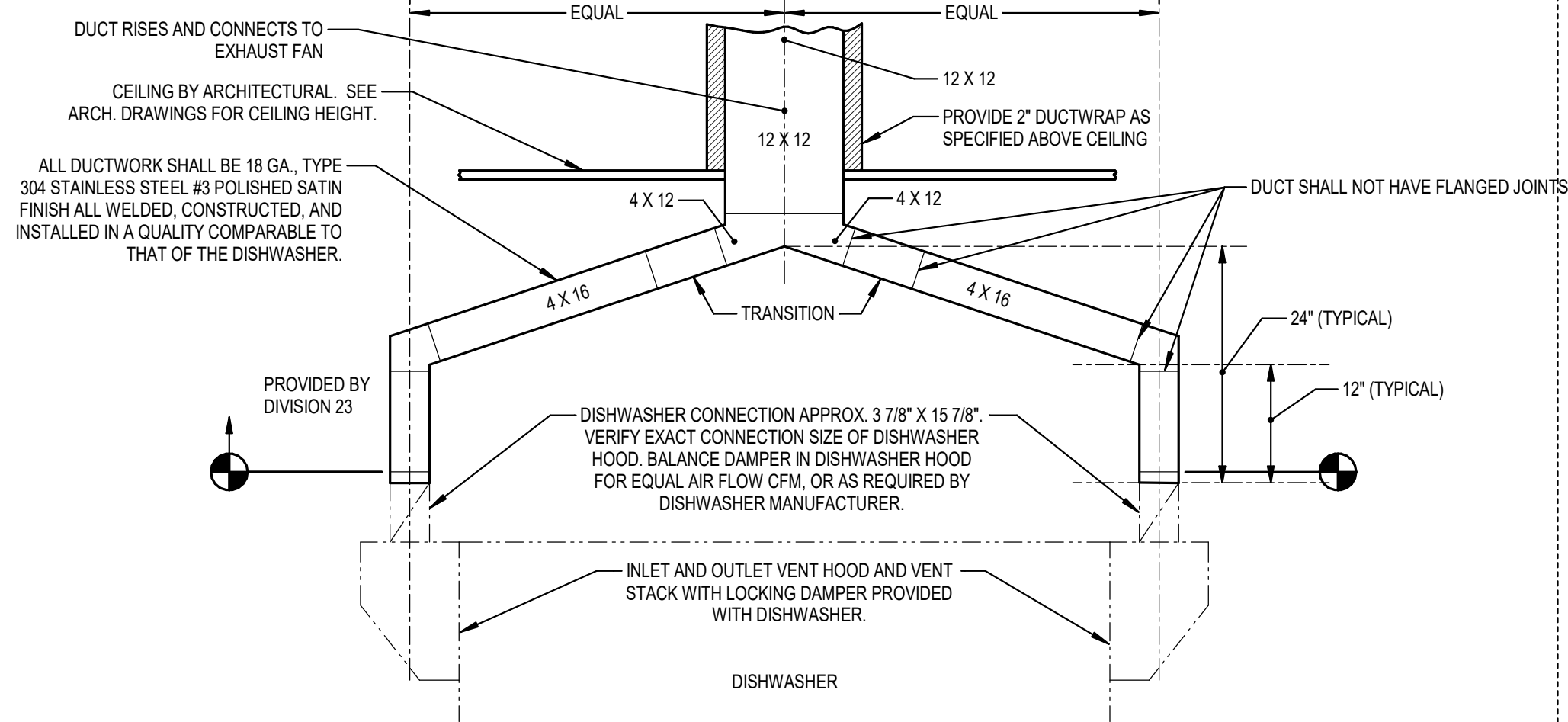
PIPE STAND DETAIL
NOT TO SCALE



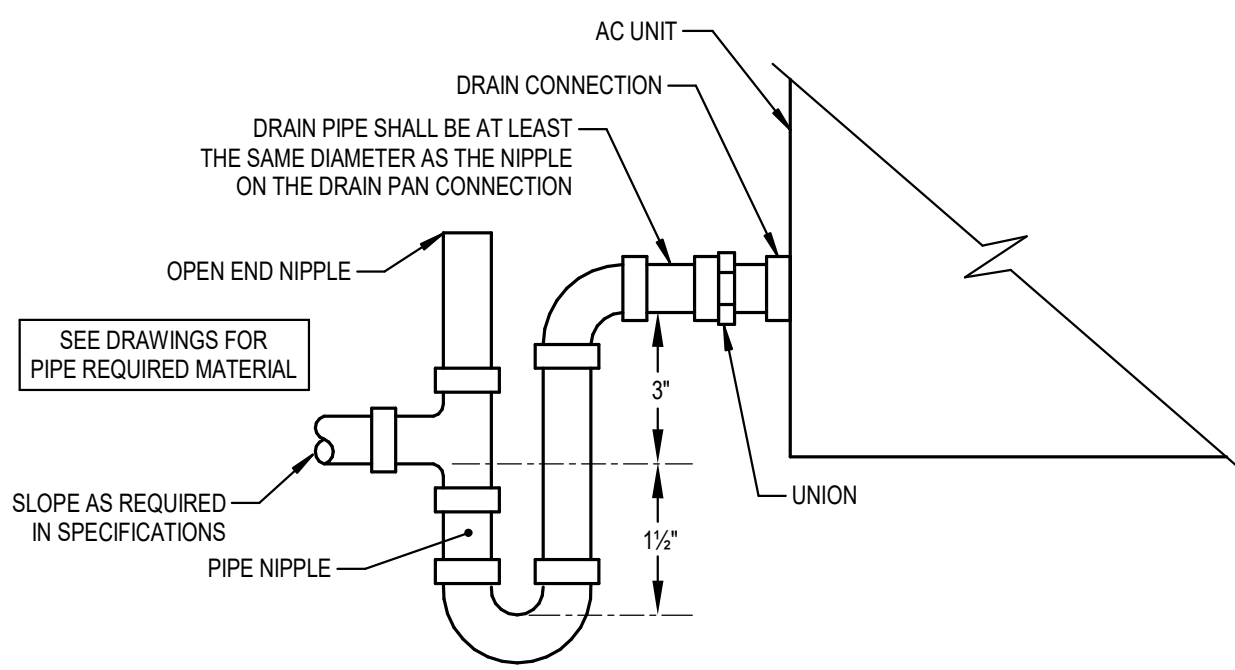
MAKE-UP WATER STATION DETAIL
NOT TO SCALE



DISHWASHER DUCT CONNECTION DETAIL
NOT TO SCALE



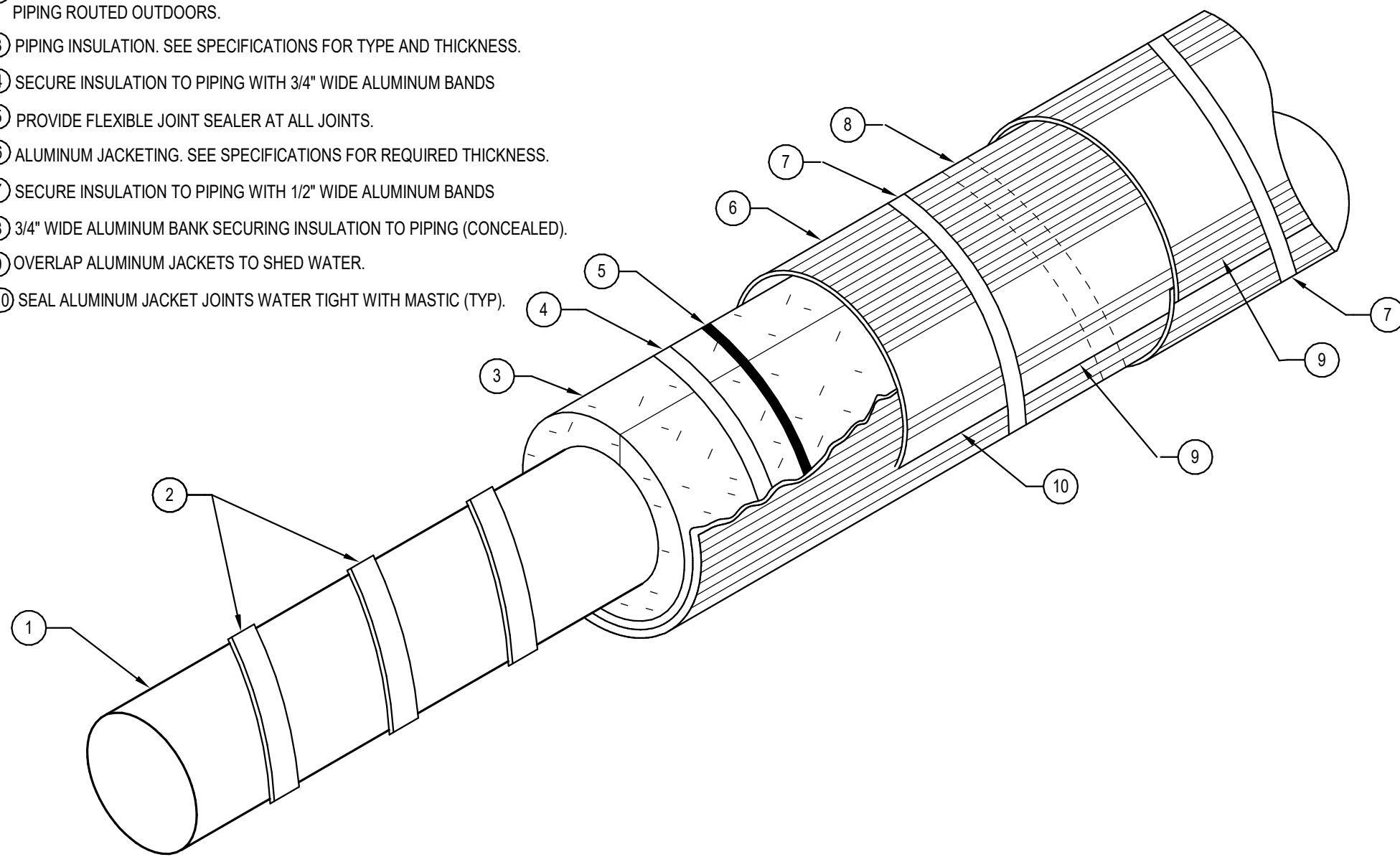
CONDENSATE DRAIN TRAP DETAIL
NOT TO SCALE



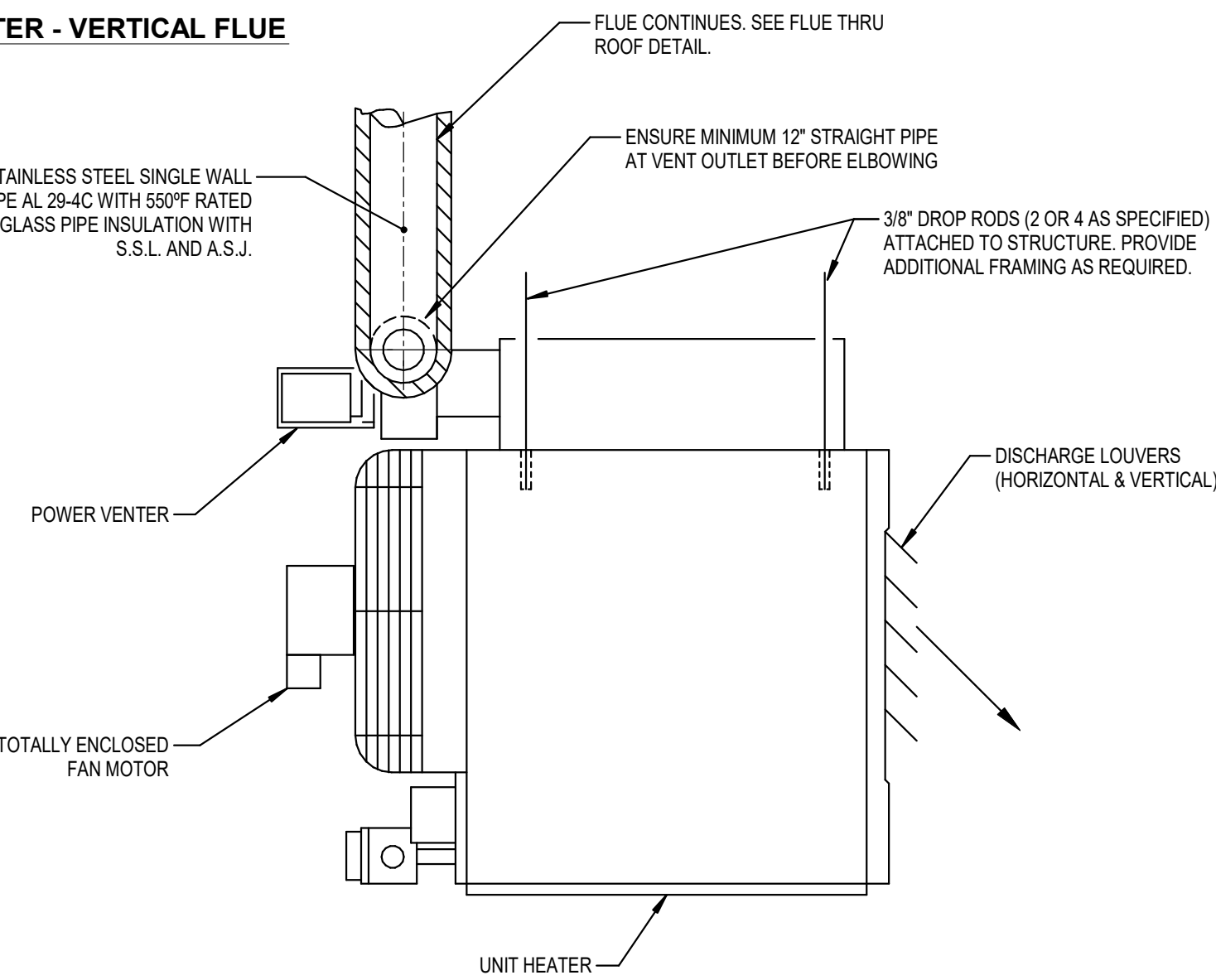
EXTERIOR ABOVE GRADE PIPING INSULATION DETAIL
NOT TO SCALE

NOTES: (THIS DETAIL ONLY)

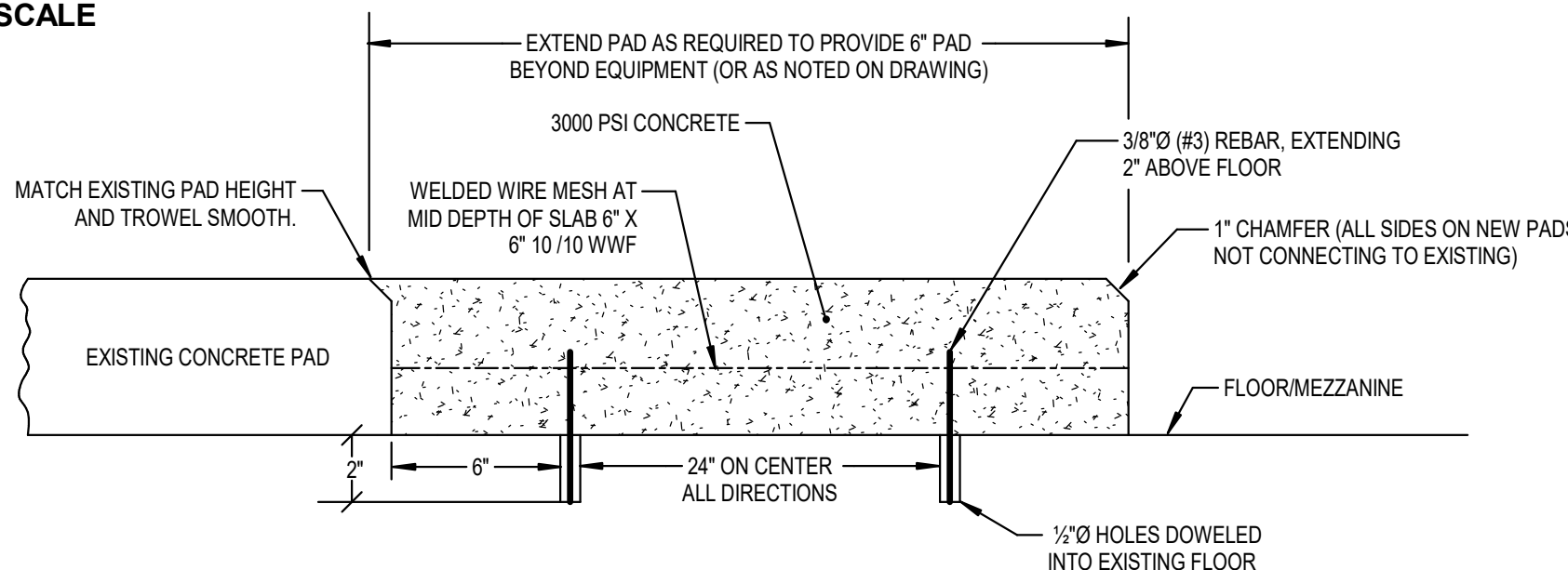
- ① PIPING
- ② ELECTRIC HEAT TAPE. PROVIDE HEAT TAPE ON ALL EXPOSED, ABOVE GROUND PIPING ROUTED OUTDOORS.
- ③ PIPING INSULATION. SEE SPECIFICATIONS FOR TYPE AND THICKNESS.
- ④ SECURE INSULATION TO PIPING WITH 3/4" WIDE ALUMINUM BANDS
- ⑤ PROVIDE FLEXIBLE JOINT SEALER AT ALL JOINTS.
- ⑥ ALUMINUM JACKETING. SEE SPECIFICATIONS FOR REQUIRED THICKNESS.
- ⑦ SECURE INSULATION TO PIPING WITH 1/2" WIDE ALUMINUM BANDS
- ⑧ 3/4" WIDE ALUMINUM BANK SECURING INSULATION TO PIPING (CONCEALED).
- ⑨ OVERLAP ALUMINUM JACKETS TO SHED WATER.
- ⑩ SEAL ALUMINUM JACKET JOINTS WATER TIGHT WITH MASTIC (TYP).



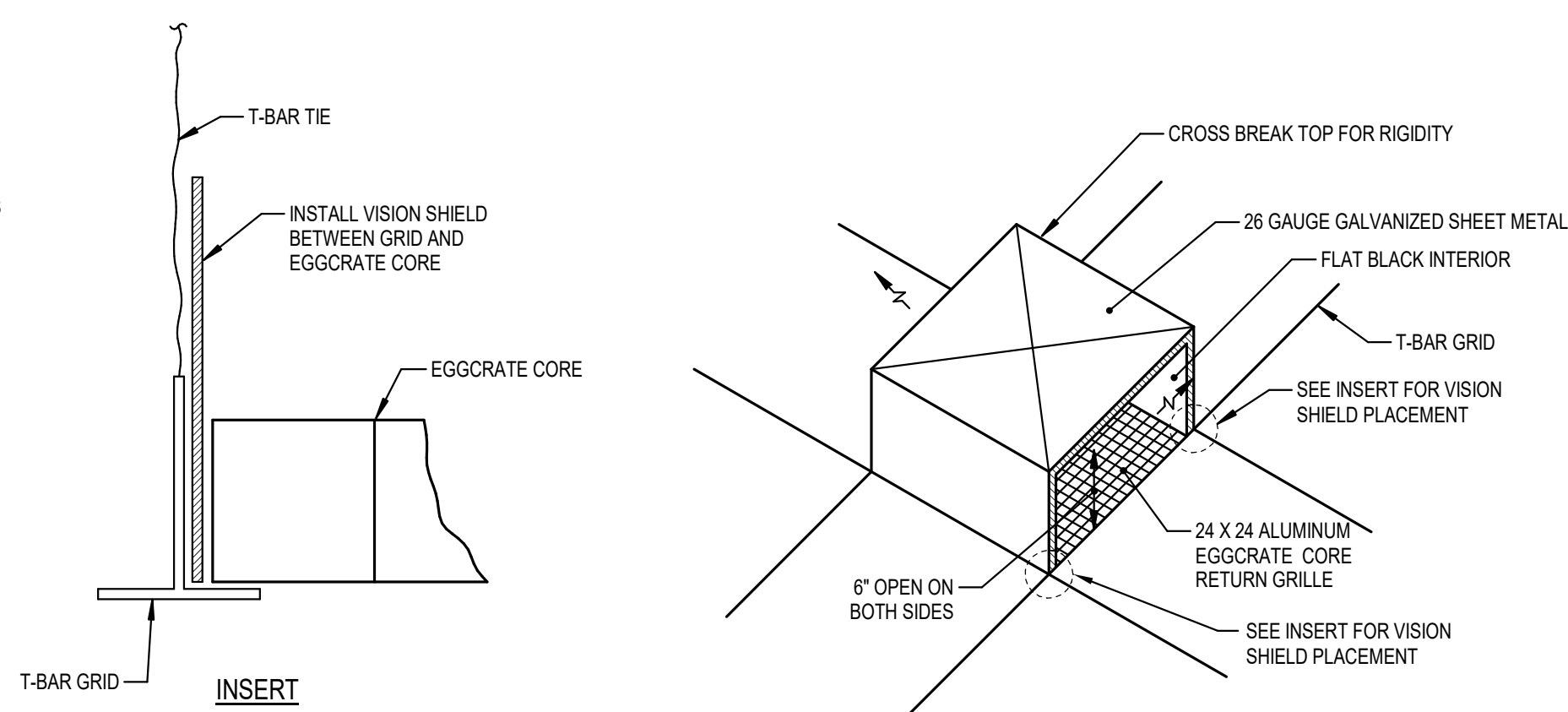
GAS FIRED UNIT HEATER - VERTICAL FLUE
NOT TO SCALE



CONCRETE EQUIPMENT PAD EXTENSION DETAIL
NOT TO SCALE

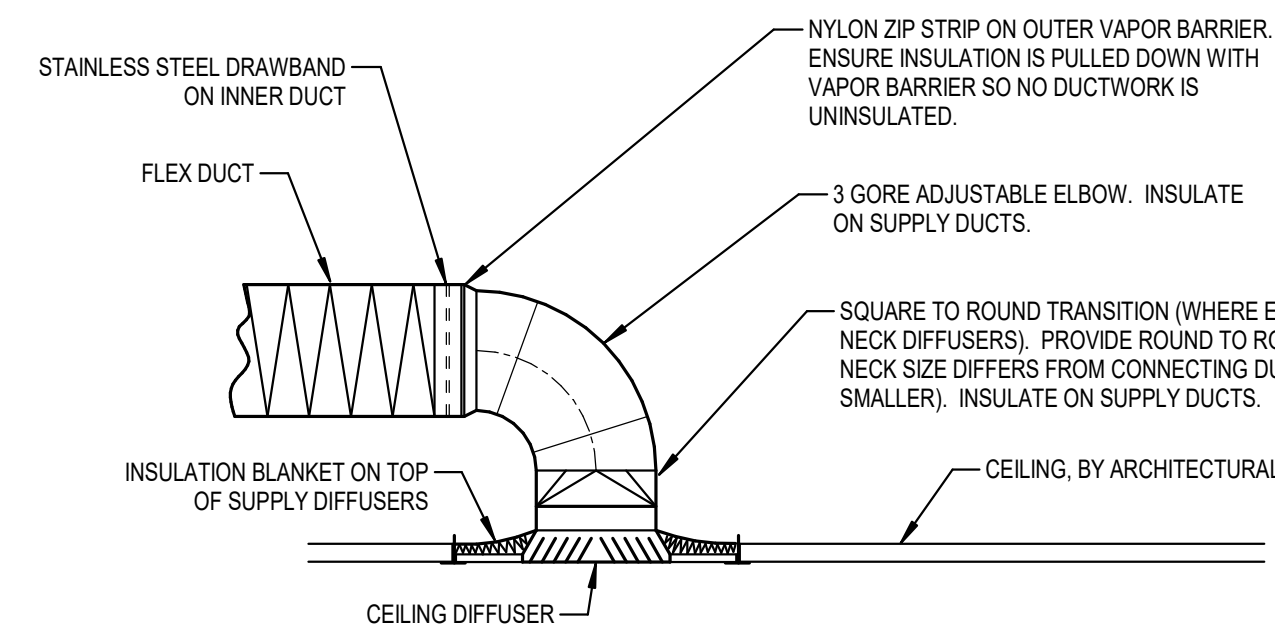


EGGCRATE RETURN GRILLE VISION SHIELD DETAIL
NOT TO SCALE

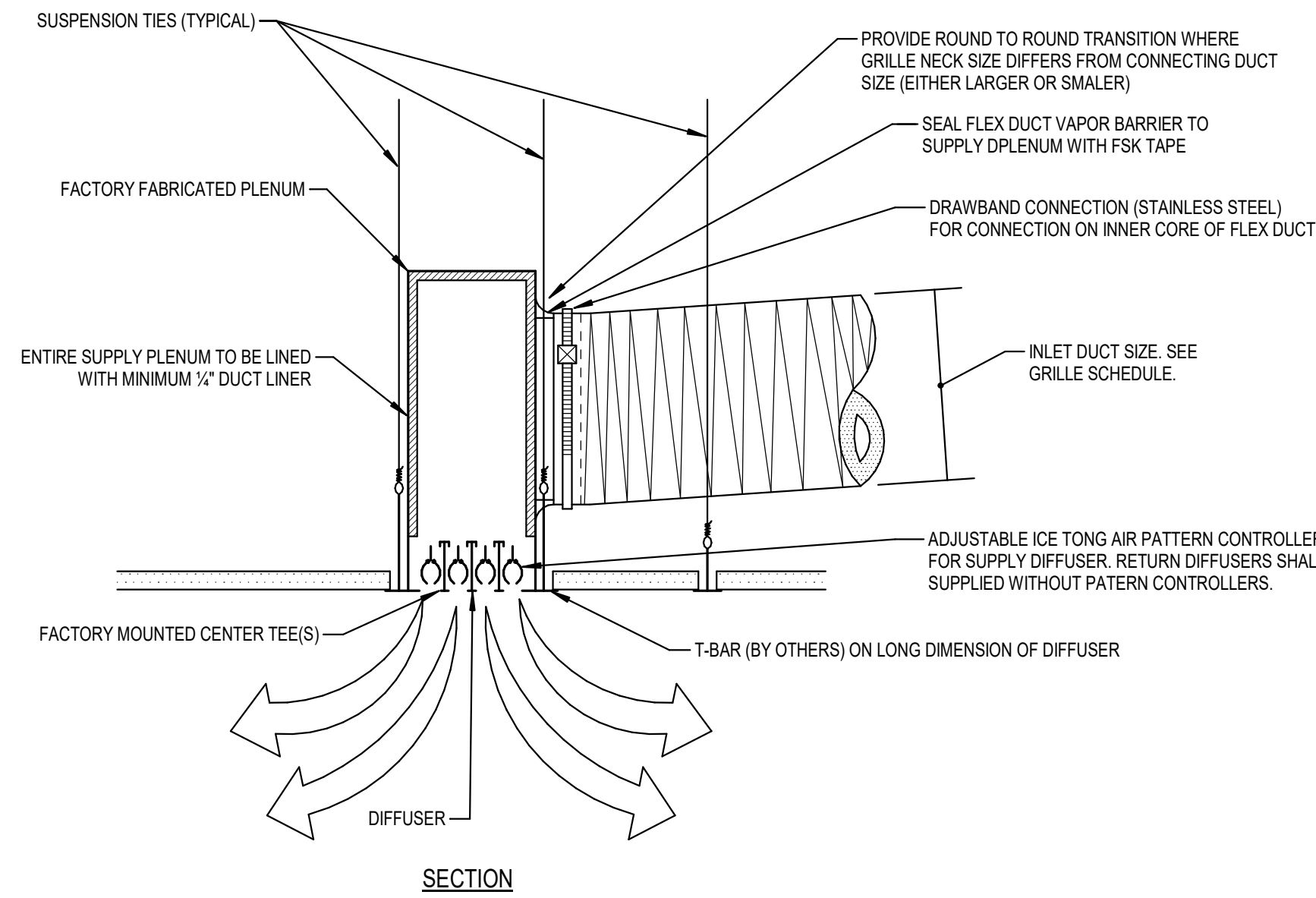


CEILING GRILLE DUCT CONNECTION DETAIL
NOT TO SCALE

NOTE: DETAIL IS TYPICAL FOR ALL FLEX DUCT RUNOUTS TO DIFFUSERS

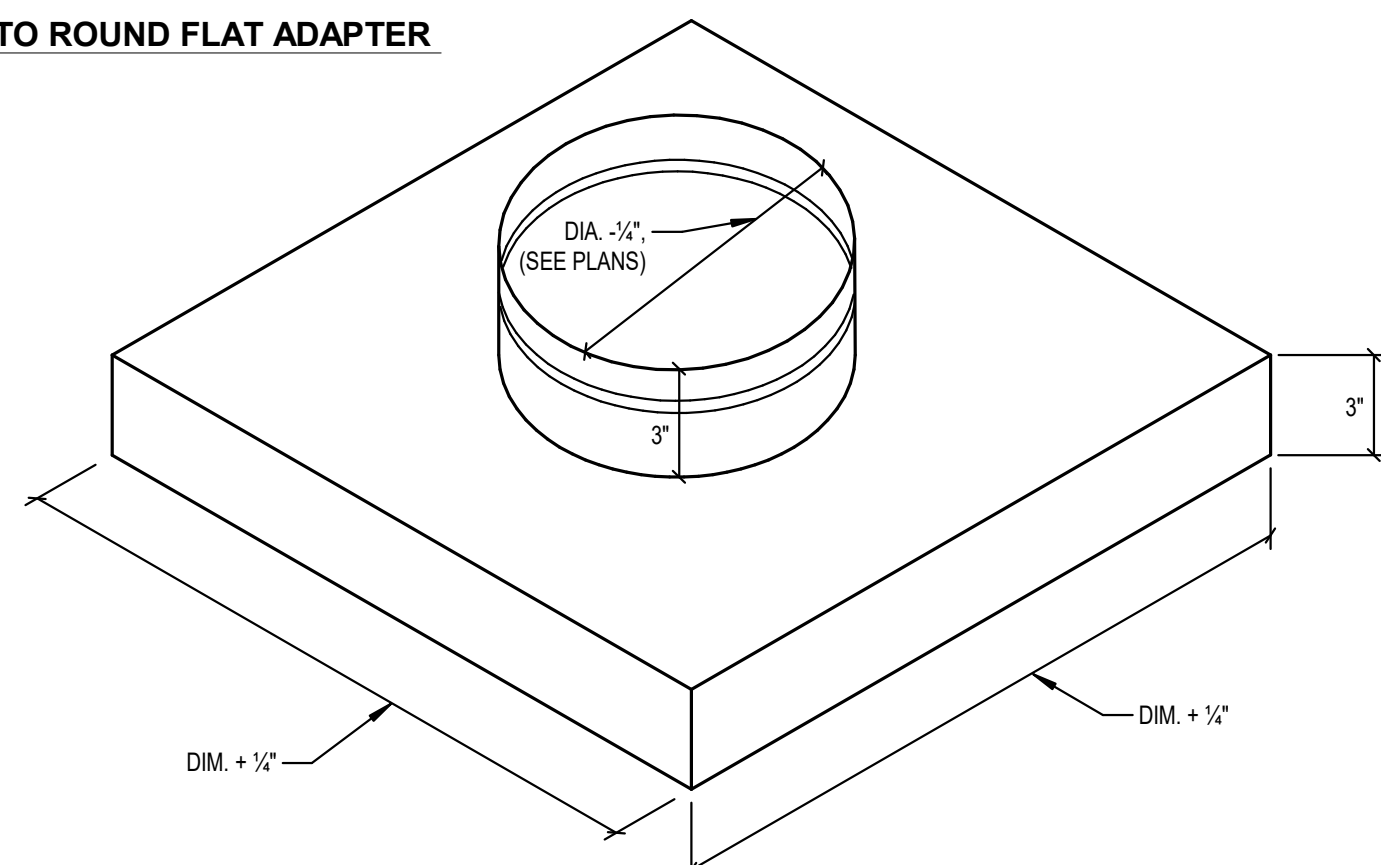


LAY-IN LINEAR SLOT DIFFUSER IN T-BAR CEILING DETAIL
NOT TO SCALE



NOTE: ON 48" LONG DIFFUSERS, PROVIDE FACTORY INSTALLED CENTER NOTCH BISECTING LENGTH TO ALLOW INSTALLATION IN TWO 24" CEILING MODULES

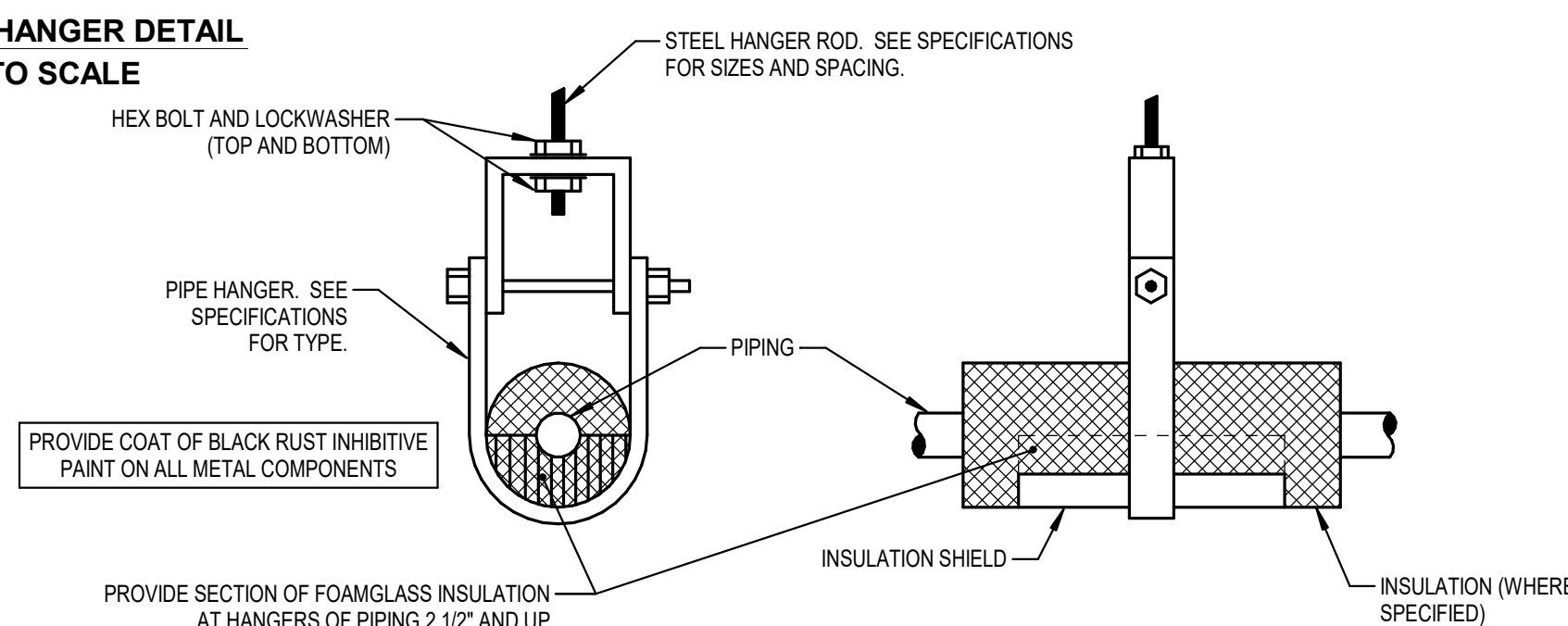
RECTANGULAR TO ROUND FLAT ADAPTER
NOT TO SCALE



NOTES: (THIS DETAIL ONLY)

- ① PAINT INTERIOR OF BOX MATTE BLACK.
- ② MINIMUM 26 GAUGE GALV. SHEET METAL.
- ③ PROVIDE 1/2" DUCT LINER ON RETURN DUCT APPLICATIONS AND NO LINER ON EXHAUST APPLICATION.
- ④ ADAPTER MAY BE FABRICATED BY CONTRACTOR OR PROVIDED BY CROWN PRODUCTS MODEL #666 ADAPTER OR EQUAL.

PIPE HANGER DETAIL
NOT TO SCALE



CLIENT PROJECT NUMBER: 240477

Bid Set



CHECKED BY:NHO

ED101

A. REMOVE ALL EXISTING SWITCHES, INTERIOR LIGHT FIXTURES, EXTERIOR LIGHT FIXTURES, AND EXIT SIGNS FROM THE BUILDING. MAINTAIN EXISTING CIRCUIT CONDUCTORS AND CONDUITS UNLESS NOTED OTHERWISE OR NEW SHOWN TO BE CONNECTED TO EXISTING. INSPECT AND ENSURE CONDUCTORS AND CONDUITS ARE IN ACCEPTABLE CONDITIONS WITHOUT WEAR OR TEAR.

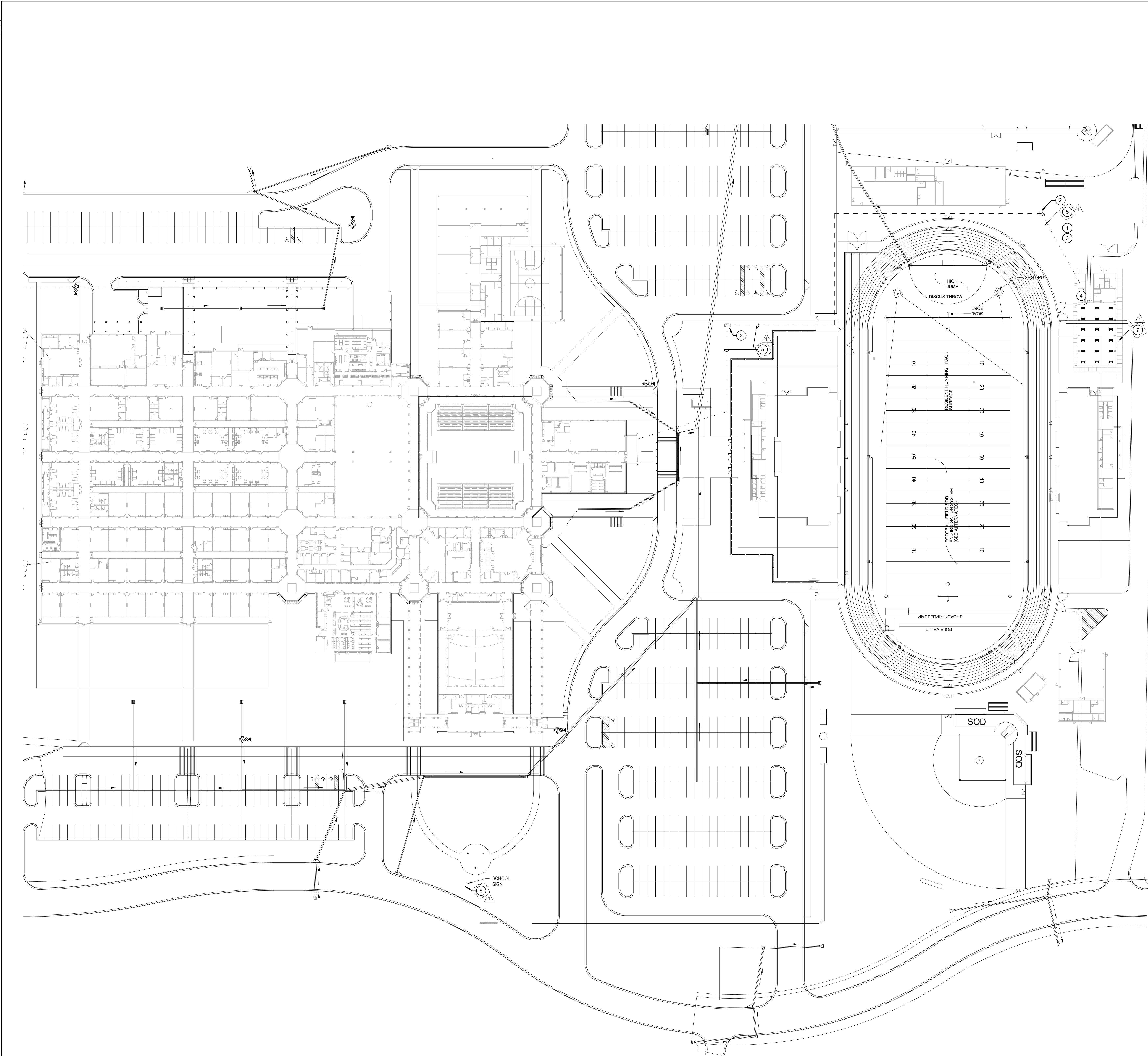
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SCALE: 1" = 30'-0"

SCALE: 1" = 30'-0"



OVERALL CAMPUS SITE PLAN
SCALE: 1" = 50'-0"

GENERAL NOTES: (THIS SHEET ONLY)

- A. COORDINATE INSTALLATION OF UNDERGROUND ELECTRICAL SERVICES WITH BOTH GAS AND WATER UTILITIES TO AVOID CONFLICTS AND MINIMIZE DISTURBANCE.
- B. CONDUITS WITHIN 25 FT. OF BUILDING FOOTINGS SHALL BE CONCRETE ENCASED. NO EXCEPTIONS. CONDUIT BEYOND (PVC SCHEDULE 40, TYPE DB) MAY BE DIRECT BURIED. ALL UNDERGROUND CONDUIT SHALL BE MINIMUM 24 INCHES BELOW FINISHED GRADE REGARDLESS OF MATERIAL OR COVER.

NOTES: (THIS SHEET ONLY)

1. EXISTING APPROXIMATE LOCATION OF GA POWER PAD MOUNTED UTILITY TRANSFORMER. COORDINATE ROUTING AND NEW WORK PRIOR TO COMMENCEMENT OF NEW WORK AS TO NOT INTERFERE NOR DISTURB EXISTING UNDERGROUND POWER LINES.
2. PRECAST CONCRETE HAND HOLD WITH CAST IRON FRAME AND BOLTED COVER ASSEMBLY BY QUARTZITE OR EQUAL. HAND HOLE SHALL BE 3'X4'X3" WITH 6" WALLS AND INSTALLED SUCH THAT COVER IS FLUSH WITH FINISH GRADE. ALIGN ENTERING AND LEAVING CONDUITS FOR CABLE PULLING.
3. EXISTING APPROXIMATE LOCATION OF ELECTRICAL TRANSFORMER AND PANELBOARDS. COORDINATE ROUTING PRIOR TO COMMENCEMENT OF NEW WORK AS TO NOT INTERFERE NOT DISTURB EXISTING UNDERGROUND ELECTRICAL LINES.
4. APPROXIMATE LOCATION OF NEW BATTING CAGE IDF RACK.
5. PROVIDE 3" CONDUIT WITH 3 CELL MAXCELL FOR FIBER PULL. PROPOSED ROUTING OF FIBER TO BATTING CAGES BUILDING.
6. PROVIDE TWO 2" 2" C WITH PULLSTRING FROM MONUMENT SIGN TO IDF-D AND PANELBOARD LC2.
7. APPROXIMATE LOCATION OF EXISTING TO BE DEMOLISHED LIGHT POLE. DEMOLISH LIGHT POLE IN ITS ENTIRETY INCLUDING CONDUCTORS AND CONDUIT BACK TO NEAREST JUNCTION BOX. MAINTAIN CIRCUIT CONTINUITY DOWNSTREAM AS APPLICABLE.



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Whitewater High School
Renovations

100 Wilshire Way
Fayetteville, GA 30215
CLIENT PROJECT NUMBER: 240477
Bid Set



When Excellence and Creativity Merge

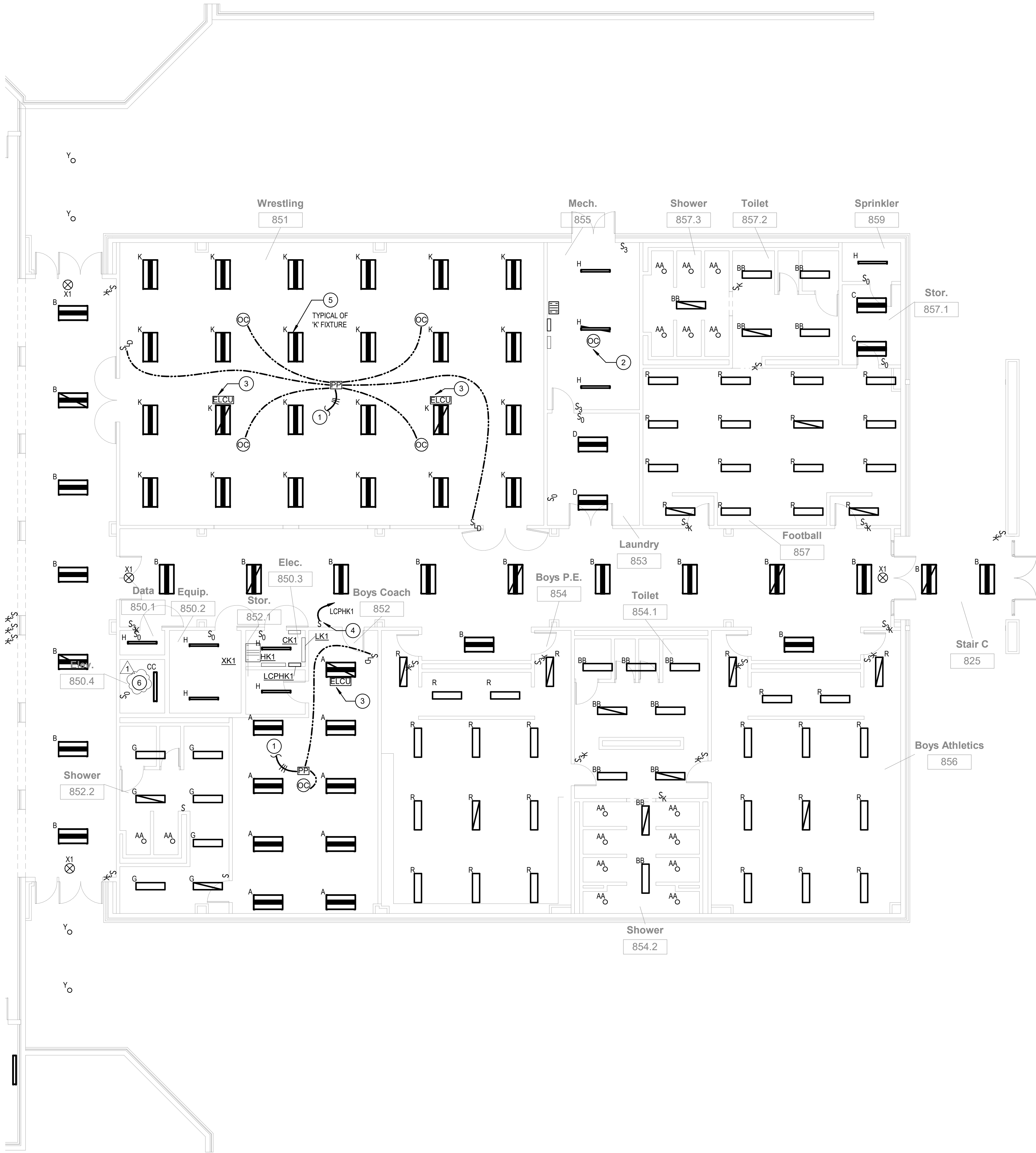
A	D	G
B	E	H
C	F	I
	J	K

KEY PLAN NORTH: PLAN TRUE



CLIENT FAYETTE COUNTY SCHOOLS		
DATE 09/11/2026		PROJECT NUMBER 20170081
DRAWING HISTORY		
No.	Description	Date
1	ADDENDUM #4	10/21/2026
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DRAWN BY: CTS		

ELECTRICAL OVERALL
CAMPUS PLAN



ELECTRICAL NEW WORK LIGHTING FLOOR PLAN - AREA K.LL
SCALE: 1/8" = 1'-0"

GENERAL NOTES: (THIS SHEET ONLY)

- ALL EMERGENCY EGRESS LIGHT FIXTURES, ELCH, AND EXIT SIGNS SHALL BE UNSWITCHED.
- PROVIDE 0-10V DIMMING CABLES TO EACH FIXTURE SHOWN IN A SPACE WITH LOW VOLTAGE DIGITAL DIMMER. THE CABLES SHALL BE SUPPORTED BY J-HOOK SYSTEM.
- LOCATION OF RECESSED CEILING LUMINAIRES SHALL BE AS INDICATED ON ARCHITECTURAL REFLECTED CEILING PLAN(S). THIS CONTRACTOR SHALL VERIFY ALL FIXTURE QUANTITIES SHOULD QUANTITY DISCREPANCIES OCCUR, CONTRACTOR SHALL PROVIDE FOR THE GREATER VALUE.
- EXISTING 277V LIGHTING CIRCUITS WITHIN BUILDING SHALL BE UTILIZED TO POWER NEW LIGHTING. SOME AREAS REQUIRE REWORK OF LIGHTING CIRCUIT WITHIN SPACES WHILE OTHERS MAY CONNECT DIRECTLY TO EXISTING SWITCHED CIRCUITS. UNDER THIS PROJECT OCCUPANCY SENSORS AND LIGHTING CONTROLLERS SHALL BE INSTALLED. THE EXISTING COMMON AREA AND CORRIDOR LIGHTING CIRCUITS SHALL BE INTERCEPTED WITHIN ELECTRICAL ROOM AND REROUTED VIA NEW DEDICATED LIGHTING CONTROL CONTACTORS. EXISTING CONDUIT AND WIRING MAY BE UTILIZED WHERE IT MEETS THIS SPECIFICATION.

NOTES: (THIS SHEET ONLY)

- CONTRACTOR SHALL INTERCEPT EXISTING 277V ROOM LIGHTING CIRCUIT AND INSTALL POWER PACK AHEAD OF LIGHT SWITCH UTILIZING #12 IN 1/2".
- CONTRACTOR SHALL INTERCEPT EXISTING 277V LIGHTING CIRCUIT IN ROOM AND INSTALL OCCUPANCY SENSOR AHEAD OF LIGHT SWITCH UTILIZING #12, #12G IN 1/2".
- PROVIDE UL924 EMERGENCY LIGHTING CONTROL UNIT 'ELCU' FOR THIS FIXTURE. DEVICE SHALL BE COMPLIANT WITH 0-10V DIMMING SYSTEM AND SHALL DRIVE FIXTURES TO 100% ON POWER LOSS REGARDLESS OF OTHER CONTROL SETTINGS. UNIT REQUIRES 0-10V DIMMING CIRCUIT TO BE ROUTED VIA THIS UNIT. EGRESS FIXTURE SHALL BE DIMMED WITH "LIKE" FIXTURES WITHIN SPACE. THE UNSWITCHED LEG OF "NORMAL" LIGHTING CIRCUIT IN ADDITION TO EMERGENCY LIGHTING CIRCUIT SHALL BE ROUTED VIA THIS UNIT. INSTALL IN J-BOX ADJACENT TO FIXTURE.
- MOUNT PANEL HK1'S OVERRIDE SWITCH SPECIFIED IN THE LIGHTING CONTROLS SECTION AT 48" AFF. AT THIS LOCATION, SWITCH SHALL BE FLUSH MOUNTED. PROVIDE A LABEL TO READ AS FOLLOWS: "LIGHTING CONTROL OVERRIDE SWITCH".
- CONTRACTOR SHALL COORDINATE MOUNTING HEIGHT OF LIGHT FIXTURE WITH ARCHITECT AND OWNER PRIOR TO PROCUREMENT OF FIXTURE AND ACCESSORIES.
- CONTRACTOR SHALL DISCONNECT AND RECONNECT EXISTING TO BE REPLACED ELEVATOR CAB LIGHTS.

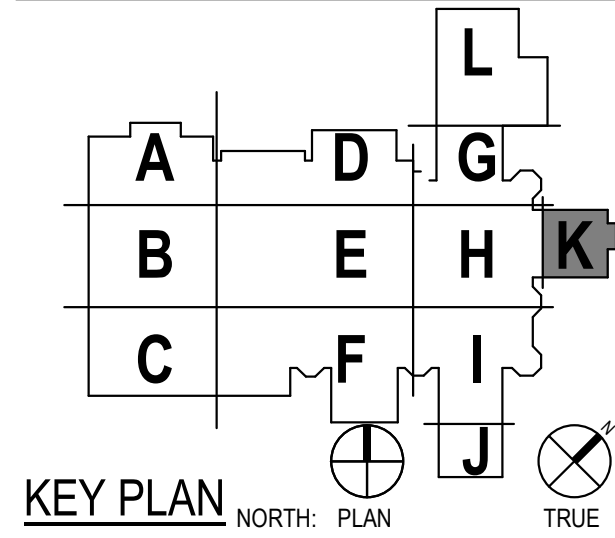


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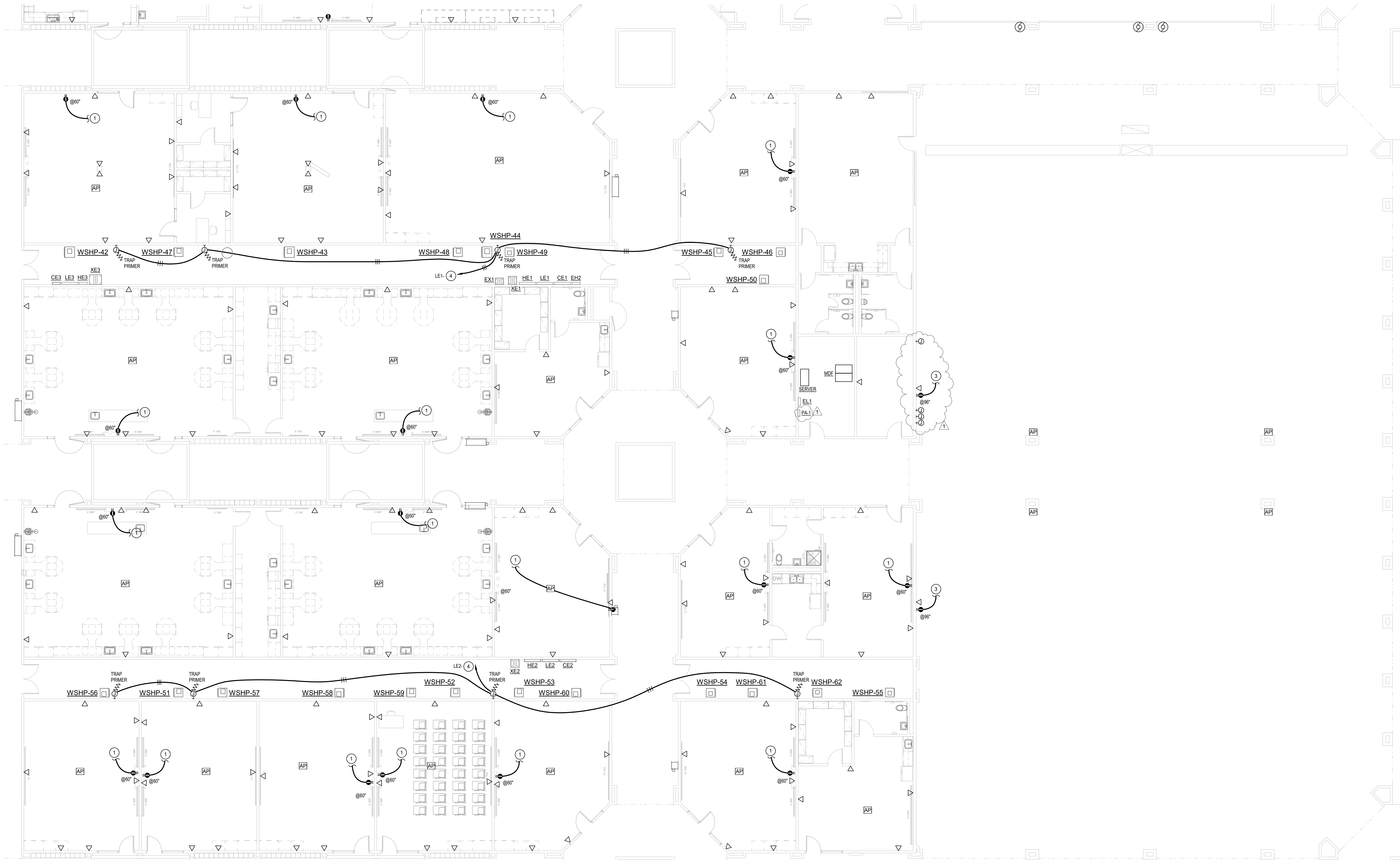


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ELECTRICAL LIGHTING
LOWER LEVEL - AREA K
FLOOR PLAN

E-101K.LL

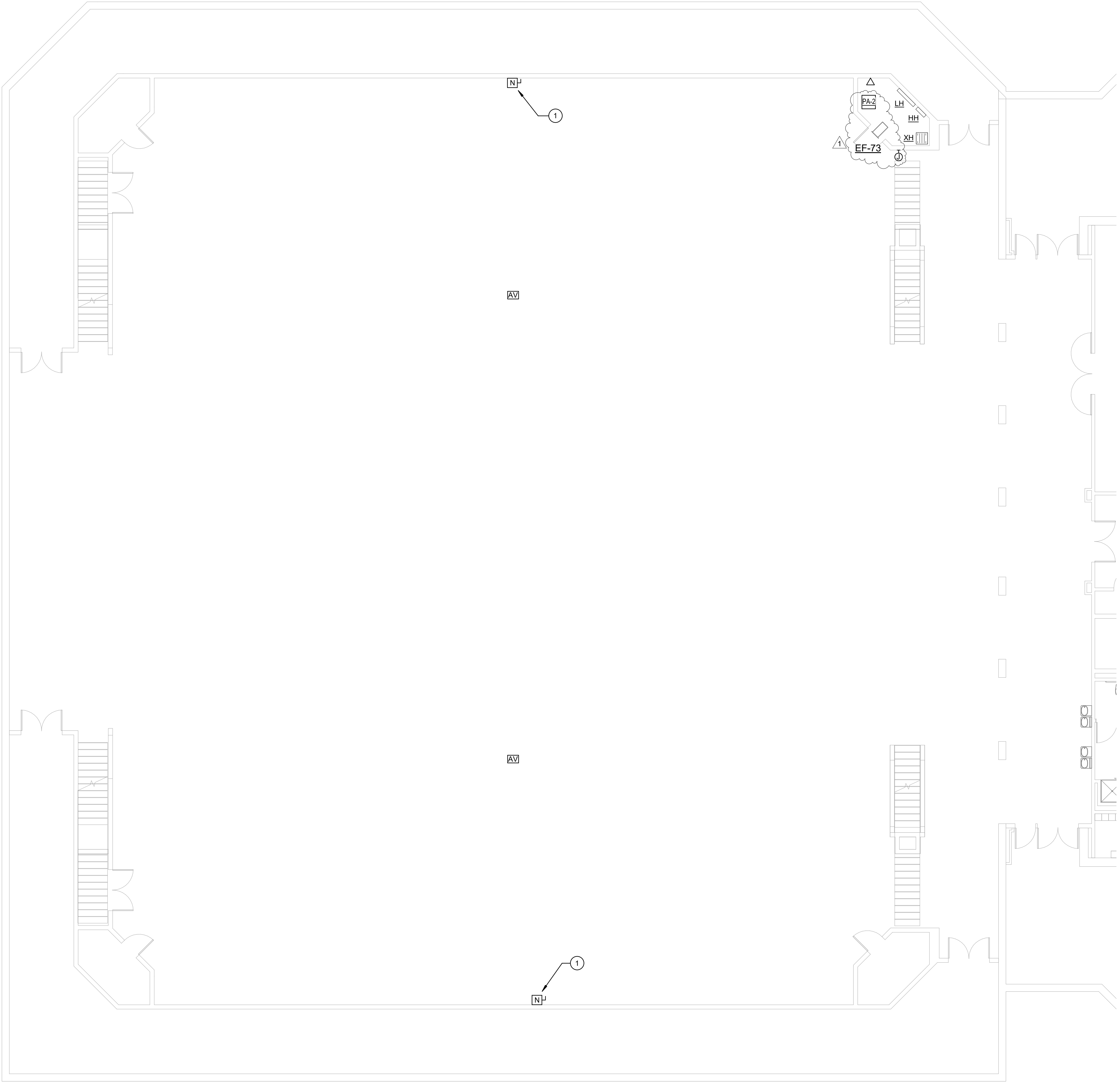
A.	ENSURE CONVENIENCE RECEPTACLES ARE NOT CASCADED ON THE "LOAD" SIDE OF GFCI DEVICES, UNLESS SPECIFICALLY NOTED OTHERWISE.
B.	COORDINATE ALL MOUNTING HEIGHTS WITH FURNITURE AND ARCHITECTURAL PLANS PRIOR TO ROUGH-INS.
C.	SEE MECHANICAL EQUIPMENT SCHEDULE FOR ELECTRICAL CONNECTIONS INFORMATION.
D.	CONTRACTOR SHALL COORDINATE EXISTING PANELBOARD CIRCUITS, SPARES, AND SPACES DISCREPANCY WITH ENGINEER AND ARCHITECT PRIOR TO COMMENCEMENT OF WORK. CIRCUIT DESIGNATIONS AS SHOWN ON THIS DRAWINGS ARE BASED ON EXISTING DRAWINGS.



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

1. CONNECT TO EXISTING DEDICATED TEACHER'S COMPUTER QUAD OUTLET IN CLASSROOM. USE 2 COMPARTMENT SURFACE METAL RACEWAY BELOW CEILING AND #12/#12G IN 1/2" TO EXTEND CIRCUIT.
2. RECONNECT NEW HAND DRY TO EXISTING CIRCUIT. MATCH EXISTING CONDUCTORS AND CONDUIT TO EXTEND AS REQUIRED.
3. CONNECT TO EXISTING 120V CONVENIENCE POWER IN CAFETERIA. USE 2 COMPARTMENT SURFACE METAL RACEWAY AND #12/#12G IN 1/2" TO EXTEND CIRCUIT.
4. CONNECT TO EXISTING PANEL INDICATED. PROVIDE A 20A/1P, 10KAIC, CIRCUIT BREAKER. UTILIZE #2/12, #12G CONDUCTORS IN 1/2" CONDUIT FOR THIS CIRCUIT. MAKE ALL CONNECTIONS.

1. CONNECT TO EXISTING DEDICATED TEACHER'S COMPUTER QUAD OUTLET IN CLASSROOM. USE 2 COMPARTMENT SURFACE METAL RACEWAY BELOW CEILING AND #12/#12G IN 1/2" TO EXTEND CIRCUIT.
2. RECONNECT NEW HAND DRY TO EXISTING CIRCUIT. MATCH EXISTING CONDUCTORS AND CONDUIT TO EXTEND AS REQUIRED.
3. CONNECT TO EXISTING 120V CONVENIENCE POWER IN CAFETERIA. USE 2 COMPARTMENT SURFACE METAL RACEWAY AND #12/#12G IN 1/2" TO EXTEND CIRCUIT.
4. CONNECT TO EXISTING PANEL INDICATED. PROVIDE A 20A/1P, 10KAIC, CIRCUIT BREAKER. UTILIZE #2/12, #12G CONDUCTORS IN 1/2" CONDUIT FOR THIS CIRCUIT. MAKE ALL CONNECTIONS.



ELECTRICAL NEW WORK POWER FLOOR PLAN - AREA H.LL
SCALE: 1/8" = 1'-0"

GENERAL NOTES: (THIS SHEET ONLY)

- A. ENSURE CONVENIENCE RECEPTACLES ARE NOT CASCADED ON THE "LOAD" SIDE OF GFCI DEVICES, UNLESS SPECIFICALLY NOTED OTHERWISE.
- B. COORDINATE ALL MOUNTING HEIGHTS WITH FURNITURE AND ARCHITECTURAL PLANS PRIOR TO ROUGH-INS.
- C. SEE MECHANICAL EQUIPMENT SCHEDULE FOR ELECTRICAL CONNECTIONS INFORMATION.
- D. CONTRACTOR SHALL COORDINATE EXISTING PANELBOARD CIRCUITS, SPARES, AND SPACES DISCREPANCY WITH ENGINEER AND ARCHITECT PRIOR TO COMMENCEMENT OF WORK. CIRCUIT DESIGNATIONS AS SHOWN ON THIS DRAWINGS ARE BASED ON EXISTING DRAWINGS.

NOTES: (THIS SHEET ONLY)

- 1. PROVIDE NEW 30A/3P/NEMA 1NF WITH SN AND RECONNECT NEW BLEACHER MOTOR TO EXISTING CIRCUIT. MATCH EXISTING CONDUCTORS AND CONDUIT TO EXTEND AS REQUIRED. COORDINATE EXACT LOCATION WITH MANUFACTURER'S INSTRUCTIONS PRIOR TO ROUGH-IN.

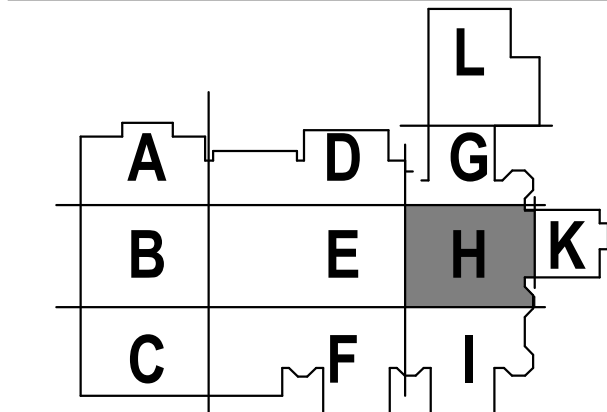


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KEY PLAN NORTH: PLAN TRUE



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ELECTRICAL POWER LOWER
LEVEL - AREA H FLOOR
PLAN

E-201H.LL

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

- A. ENSURE CONVENIENCE RECEPTACLES ARE NOT CASCADED ON THE "LOAD" SIDE OF GFCI DEVICES, UNLESS SPECIFICALLY NOTED OTHERWISE.
- B. COORDINATE ALL MOUNTING HEIGHTS WITH FURNITURE AND ARCHITECTURAL PLANS PRIOR TO ROUGH-INS.
- C. SEE MECHANICAL EQUIPMENT SCHEDULE FOR ELECTRICAL CONNECTIONS INFORMATION.
- D. CONTRACTOR SHALL COORDINATE EXISTING PANELBOARD CIRCUITS, SPARES, AND SPACES DISCREPANCY WITH ENGINEER AND ARCHITECT PRIOR TO COMMENCEMENT OF WORK. CIRCUIT DESIGNATIONS AS SHOWN ON THIS DRAWINGS ARE BASED ON EXISTING DRAWINGS.

1. CONNECT TO EXISTING PANEL SHOWN. PROVIDE 20A/1P BREAKER. CONNECT WITH #12 @12G 12C/2.
2. CONNECT TO EXISTING DEDICATED TEACHER'S COMPUTER QUAD OUTLET IN CLASSROOM - USE 2 COMPARTMENT SURFACE MOUNT. RACEWAY ABOVE CEILING AND #12 @12G 12C/2 TO EXTEND OUT CIRCUIT.
3. RECONNECT NEW HAND DRY TO EXISTING CIRCUIT. MATCH EXISTING CONDUCTORS AND CONDUIT TO EXTEND AS REQUIRED.
4. CONNECT TO EXISTING PANEL INDICATED. PROVIDE A 20A/1P, 10KAIC, CIRCUIT BREAKER. UTILIZE 2 #12 @12G CONDUCTORS IN 1/2" CONDUIT FOR THIS CIRCUIT. MAKE ALL CONNECTIONS.
5. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH CONDENSATE PUMP AND ARCHITECT.

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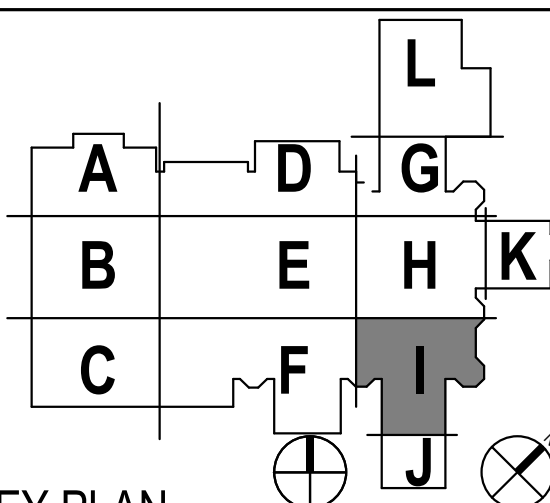
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Whitewater High School Renovations

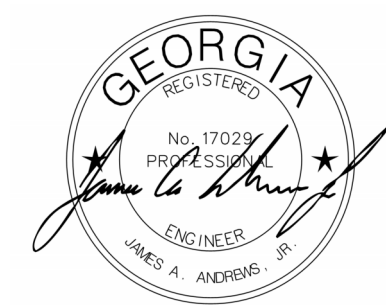
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KEY PLAN NORTH:  PLAN  TRUE 

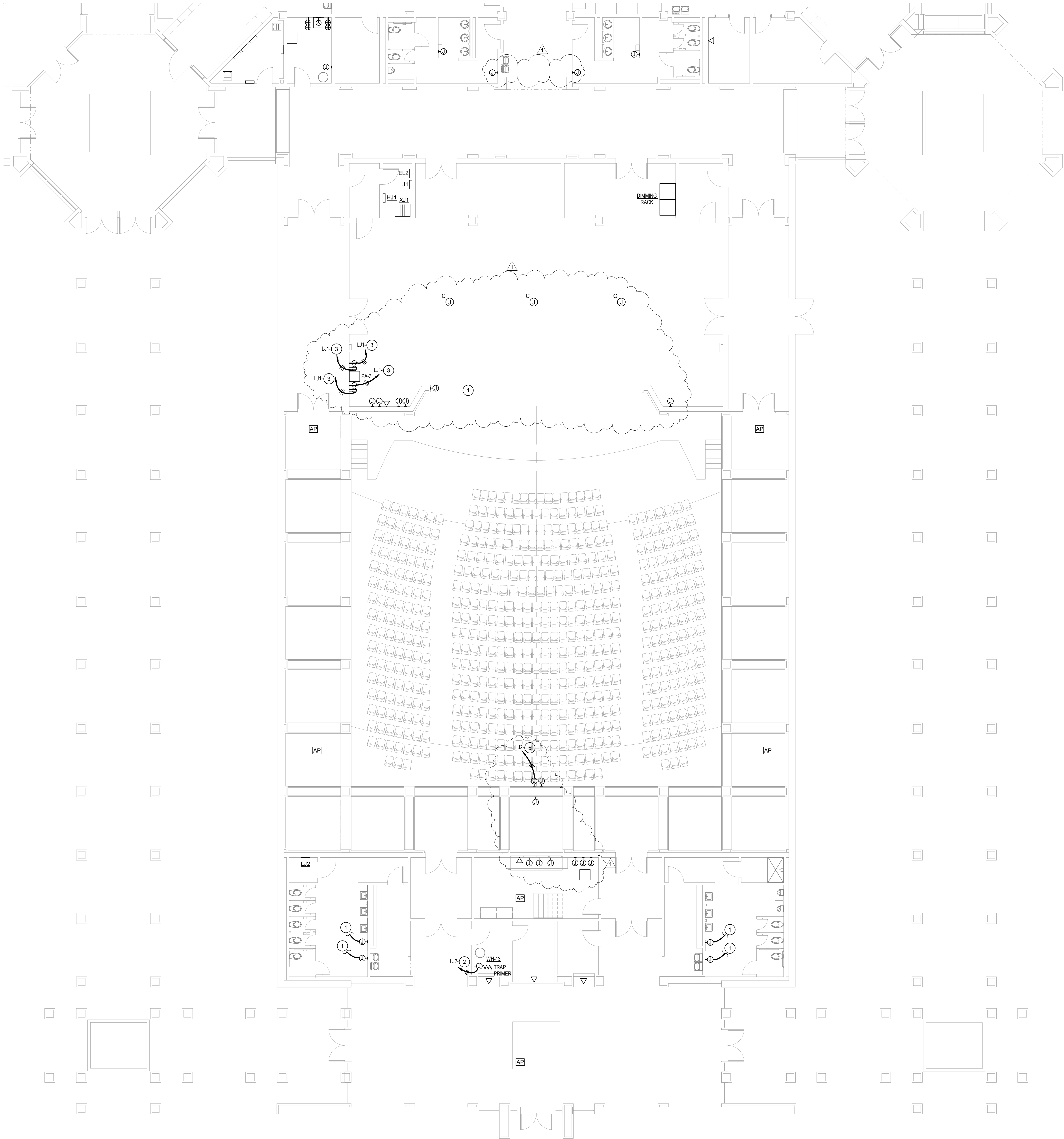


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ELECTRICAL POWER LEVEL

1 - AREA I FLOOR PLAN

E-201I



ELECTRICAL NEW WORK POWER FLOOR PLAN - AREA J
SCALE: 1/8" = 1'-0"

GENERAL NOTES: (THIS SHEET ONLY)

- A. ENSURE CONVENIENCE RECEPTACLES ARE NOT CASCADED ON THE "LOAD" SIDE OF GFCI DEVICES, UNLESS SPECIFICALLY NOTED OTHERWISE.
- B. COORDINATE ALL MOUNTING HEIGHTS WITH FURNITURE AND ARCHITECTURAL PLANS PRIOR TO ROUGH-INS.
- C. SEE MECHANICAL EQUIPMENT SCHEDULE FOR ELECTRICAL CONNECTIONS INFORMATION.
- D. CONTRACTOR SHALL COORDINATE EXISTING PANELBOARD CIRCUITS, SPARES, AND SPACES DISCREPANCY WITH ENGINEER AND ARCHITECT PRIOR TO COMMENCEMENT OF WORK. CIRCUIT DESIGNATIONS AS SHOWN ON THIS DRAWINGS ARE BASED ON EXISTING DRAWINGS.

NOTES: (THIS SHEET ONLY)

- 1. RECONNECT NEW HAND DRY TO EXISTING CIRCUIT. MATCH EXISTING CONDUCTORS AND CONDUIT TO EXTEND AS REQUIRED.
- 2. CONNECT TO EXISTING PANEL INDICATED. PROVIDE A 20A/1P, 10KAIC, CIRCUIT BREAKER. UTILIZE 2 #12, #10G CONDUCTORS IN 1/2" CONDUIT FOR THIS CIRCUIT. MAKE ALL CONNECTIONS.
- 3. CONNECT TO EXISTING PANEL INDICATED. PROVIDE A 20A/1P, 10KAIC, CIRCUIT BREAKER. UTILIZE 2 #12, #10G CONDUCTORS IN 1/2" CONDUIT FOR THIS CIRCUIT. MAKE ALL CONNECTIONS. REARRANGE EXISTING BREAKERS IN PANELBOARD TO ALLOW FOR ALL FOUR AUDITORIUM RACK CIRCUITS TO BE ON THE SAME PHASE LEG. UPDATE PANELBOARD SCHEDULE ACCORDINGLY.
- 4. APPROXIMATE LOCATION OF EXISTING TO BE REPLACED PROJECTION SCREEN. COORDINATE DISCONNECT RECONNECT WITH MANUFACTURER INSTALLATION INSTRUCTIONS.
- 5. CONNECT TO EXISTING PANEL INDICATED. PROVIDE A 20A/1P, 10KAIC, CIRCUIT BREAKER. UTILIZE 2 #10, #10G CONDUCTORS IN 1/2" CONDUIT FOR THIS CIRCUIT. MAKE ALL CONNECTIONS.



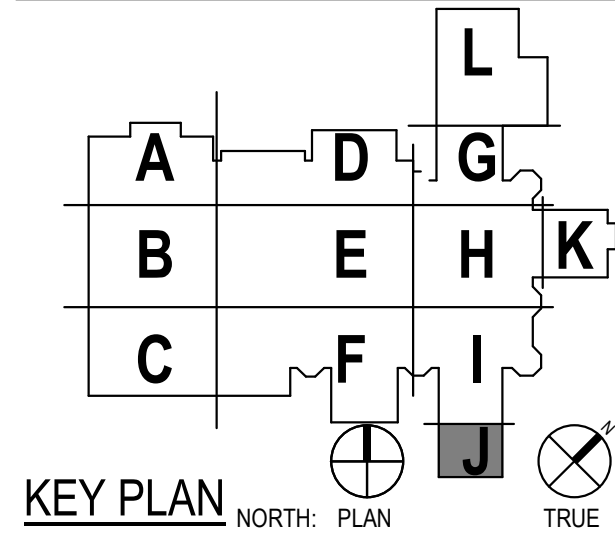
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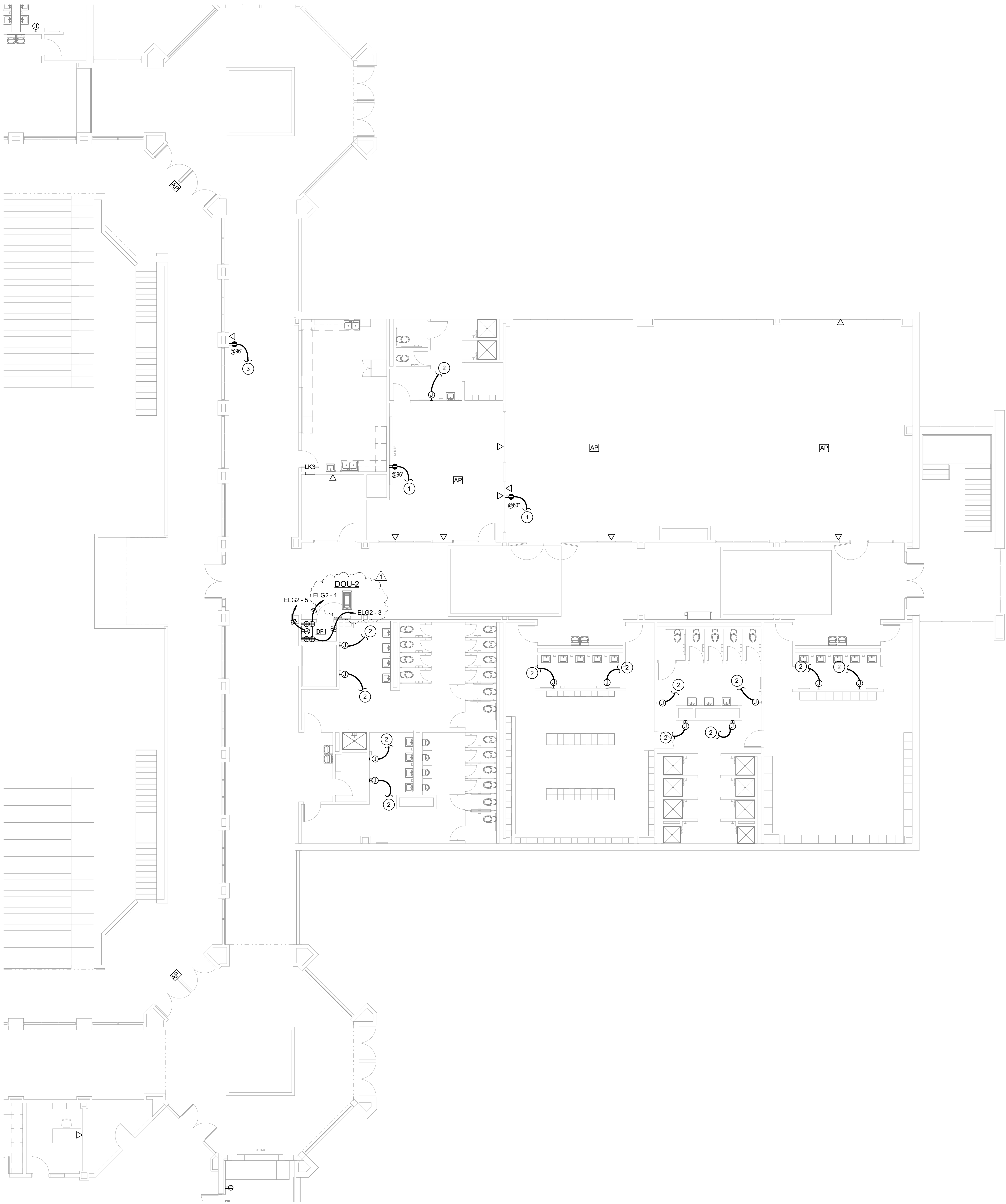


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ELECTRICAL POWER LEVEL
1 - AREA J FLOOR PLAN



ELECTRICAL NEW WORK POWER FLOOR PLAN - AREA K
SCALE: 1/8" = 1'-0"

GENERAL NOTES: (THIS SHEET ONLY)

- A. ENSURE CONVENIENCE RECEPTACLES ARE NOT CASCADED ON THE "LOAD" SIDE OF GFCI DEVICES, UNLESS SPECIFICALLY NOTED OTHERWISE.
- B. COORDINATE ALL MOUNTING HEIGHTS WITH FURNITURE AND ARCHITECTURAL PLANS PRIOR TO ROUGH-INS.
- C. SEE MECHANICAL EQUIPMENT SCHEDULE FOR ELECTRICAL CONNECTIONS INFORMATION.
- D. CONTRACTOR SHALL COORDINATE EXISTING PANELBOARD CIRCUITS, SPARES, AND SPACES DISCREPANCY WITH ENGINEER AND ARCHITECT PRIOR TO COMMENCEMENT OF WORK. CIRCUIT DESIGNATIONS AS SHOWN ON THIS DRAWINGS ARE BASED ON EXISTING DRAWINGS.

NOTES: (THIS SHEET ONLY)

- 1. CONNECT TO EXISTING DEDICATED TEACHER'S COMPUTER QUAD OUTLET IN CLASSROOM. USE 2 COMPARTMENT SURFACE METAL RACEWAY BELOW CEILING AND #12,#12G IN 1/2"Ø TO EXTEND CIRCUIT.
- 2. RECONNECT NEW HAND DRY TO EXISTING CIRCUIT. MATCH EXISTING CONDUCTORS AND CONDUIT TO EXTEND AS REQUIRED.
- 3. CONNECT TO EXISTING 120V CONVENIENCE POWER IN CORRIDOR. USE 2 COMPARTMENT SURFACE METAL RACEWAY BELOW CEILING AND #12,#12G IN 1/2"Ø TO EXTEND CIRCUIT.



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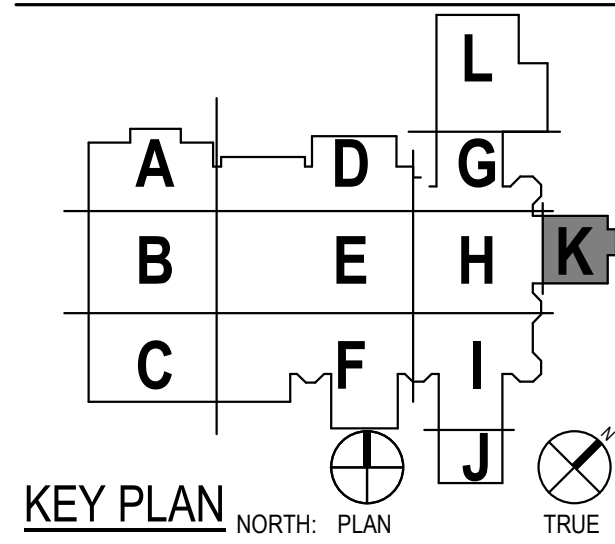
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ELECTRICAL POWER LEVEL
1 - AREA K FLOOR PLAN

E-201K



- A. ENSURE CONVENIENCE RECEPTACLES ARE NOT CASCADED ON THE "LOAD" SIDE OF GFCI DEVICES, UNLESS SPECIFICALLY NOTED OTHERWISE.
- B. COORDINATE ALL MOUNTING HEIGHTS WITH FURNITURE AND ARCHITECTURAL PLANS PRIOR TO ROUGH-INS.
- C. SEE MECHANICAL EQUIPMENT SCHEDULE FOR ELECTRICAL CONNECTIONS INFORMATION.
- D. CONTRACTOR SHALL COORDINATE EXISTING PANELBOARD CIRCUITS, SPARES, AND SPACES DISCREPANCY WITH ENGINEER AND ARCHITECT PRIOR TO COMMENCEMENT OF WORK. CIRCUIT DESIGNATIONS AS SHOWN ON THIS DRAWINGS ARE BASED ON EXISTING DRAWINGS.

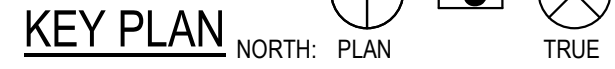
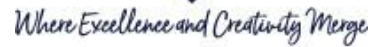
1. CONNECT TO EXISTING 120V CONVENIENCE POWER IN SPACE. USE 2 COMPARTMENT SURFACE METAL RACEWAY BELOW CEILING AND #12 #12G IN 1/2" C RACEWAY TO EXISTING CIRCUIT.
2. RECONNECT NEW HAND DRY TO EXISTING CIRCUIT. MATCH EXISTING CONDUCTORS AND CONDUIT TO EXTEND AS REQUIRED.
3. CONNECT TO EXISTING PANEL INDICATED. PROVIDE A 20A/1P, 10kAIC, CIRCUIT BREAKER. UTILIZE #12, #12G CONDUCTORS IN 1" CONDUIT FOR THIS CIRCUIT. MAKE ALL CONNECTIONS.
4. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH CONDENSATE PUMP AND ARCHITECT.



Fayetteville, GA 30215

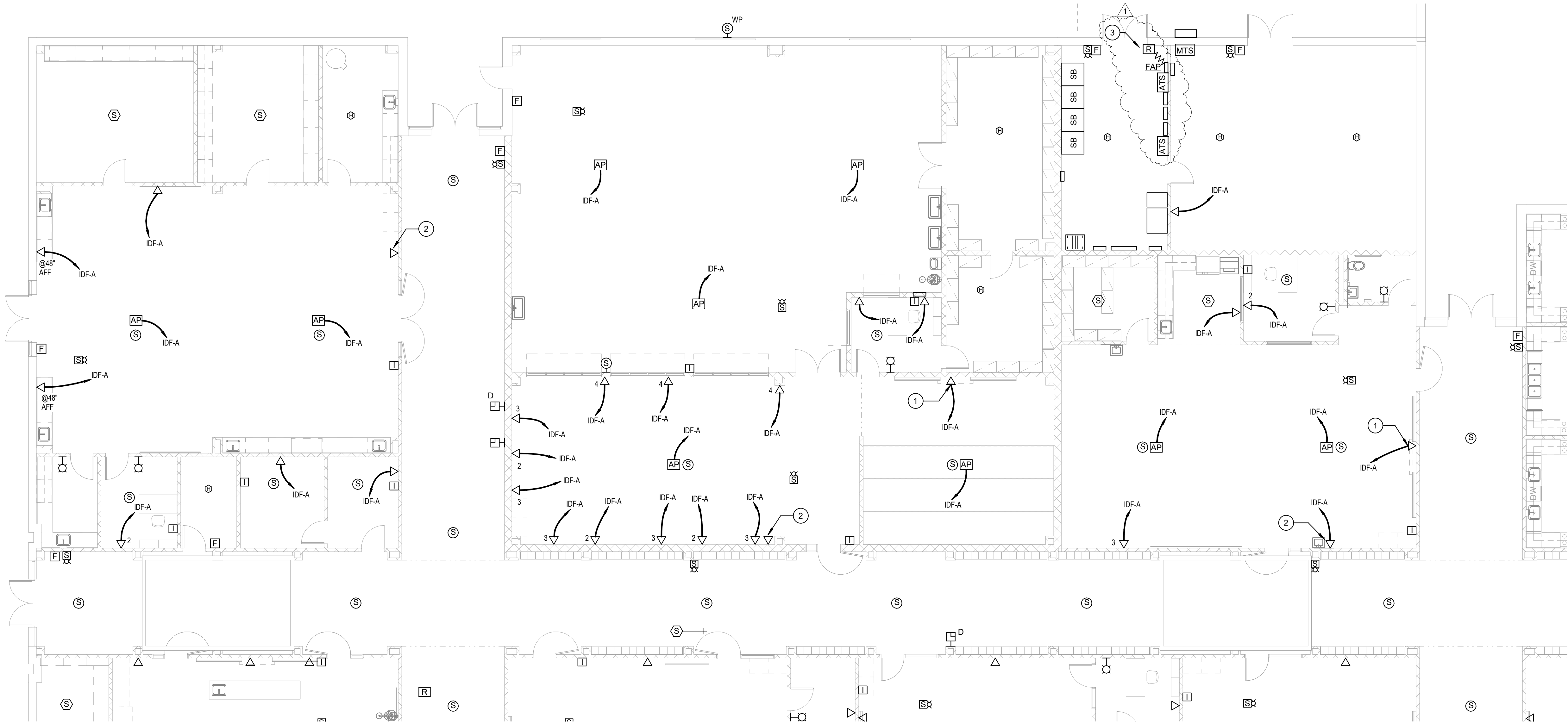
CLIENT PROJECT NUMBER: 240477

Bid Set



CHECKED BY: NHO
DRAWN BY: CTS

E-201K.LL



ELECTRICAL NEW WORK LOW VOLTAGE FLOOR PLAN - AREA A
SCALE: 1/8" = 1'-0"

GENERAL NOTES: (THIS SHEET ONLY)

- A. ALL INTERCOM, AUDIO-VISUAL, VOICE, AND DATA CIRCUITS SHALL BE ROUTED IN CONDUIT FROM OUTLET/DEVICE TO CABLE TRAY SYSTEM ABOVE CORRIDOR CEILING. CABLES SHALL BE ROUTED VIA CABLE TRAY SYSTEM TO DESTINATION.
- B. CONNECT ALL INTERCOM SYSTEM COMPONENTS AND DEVICES TO THE INTERCOM SYSTEM RACKS.

NOTES: (THIS SHEET ONLY)

1. CONTRACTOR SHALL PROVIDE DATA DROP AT 60" ABOVE FINISHED FLOOR FOR INTERACTIVE DISPLAY. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
2. CONTRACTOR SHALL PROVIDE DATA DROP AT 100" ABOVE FINISHED FLOOR FOR AUDIO ENHANCEMENT SYSTEM. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
3. CONTRACTOR SHALL PROVIDE FIRE ALARM RELAY TO INTERFACE WITH SECURITY SYSTEM FOR ADDITIONAL MONITORING.



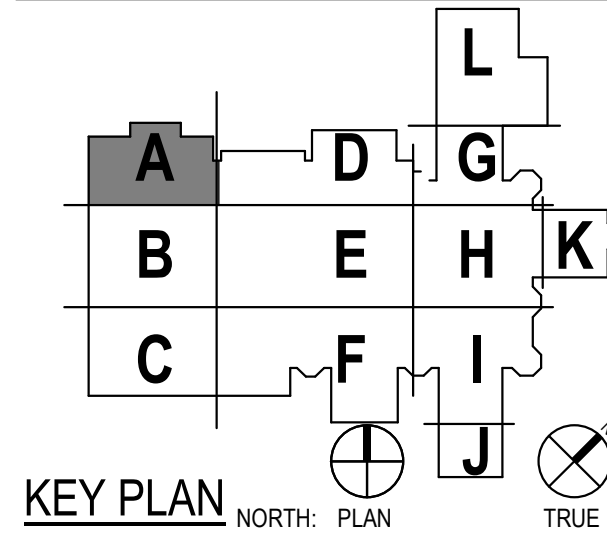
Whitewater High School
Renovations

100 Villisca Way
Fayetteville, GA 30215

CLIENT PROJECT NUMBER: 240477
Bid Set



When Excellence and Creativity Merge



CLIENT		
FAYETTE COUNTY SCHOOLS		
DATE		PROJECT NUMBER
09/11/2026		20170081
DRAWING HISTORY		
No.	Description	Date
1	ADDENDUM #4	10/21/2026
CHECKED BY: NHO		
DRAWN BY: CTS		

ELECTRICAL LOW VOLTAGE
LEVEL 1 - AREA A FLOOR
PLAN

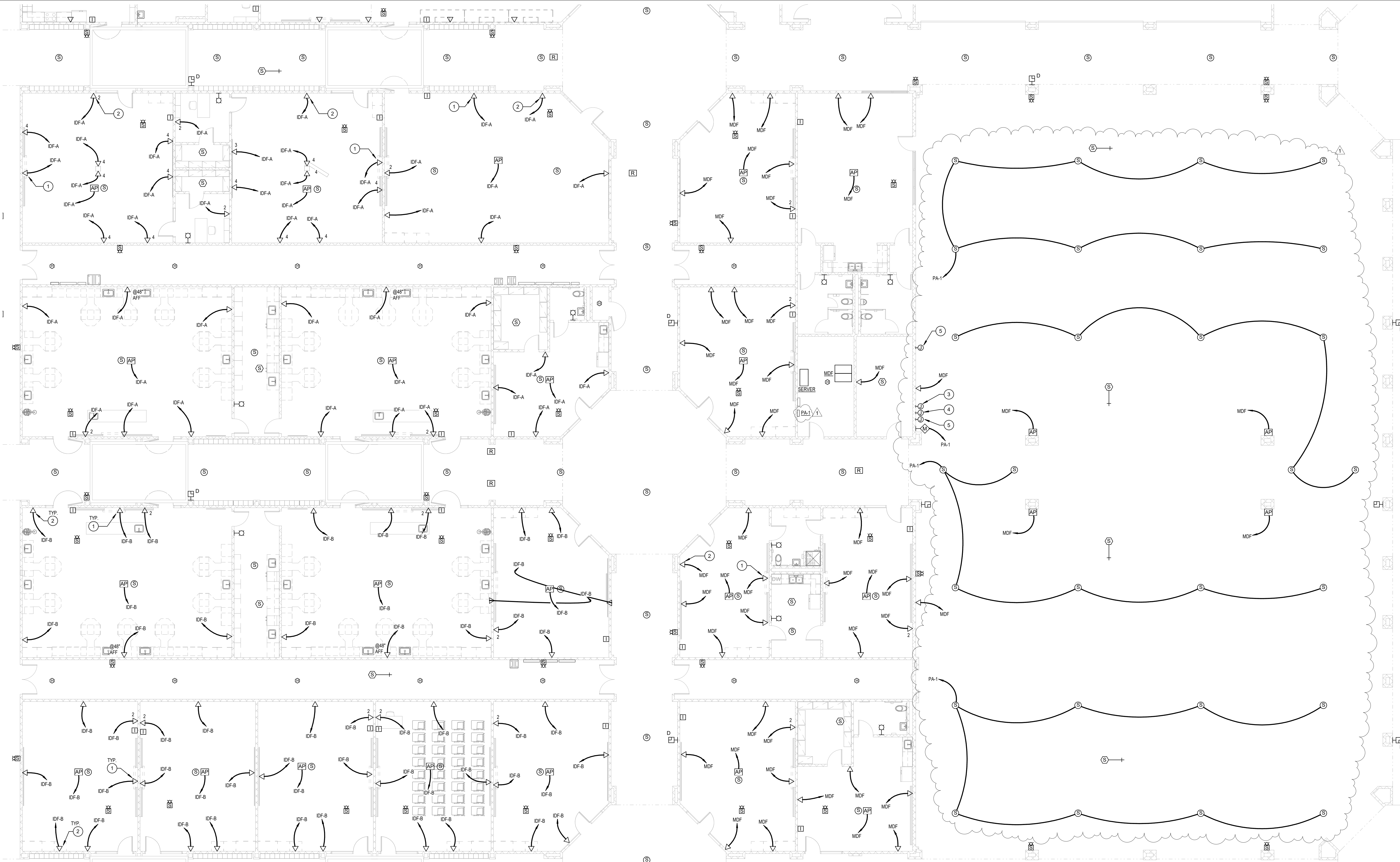
E-301A

GENERAL NOTES: (THIS SHEET ONLY)

- A. ALL INTERCOM, AUDIO-VISUAL, VOICE, AND DATA CIRCUITS SHALL BE ROUTED IN CONDUIT FROM OUTLETS/DEVICE TO CABLE TRAY SYSTEM ABOVE CORRIDOR CEILING. CABLES SHALL BE ROUTED VIA CABLE TRAY SYSTEM TO DESTINATION.
- B. CONNECT ALL INTERCOM SYSTEM COMPONENTS AND DEVICES TO THE INTERCOM SYSTEM RACKS.
- C. SEE SPECIFICATION SECTION 271423 FOR EQUIPMENT MODEL NUMBERS FOR PA-1.

NOTES: (THIS SHEET ONLY)

1. CONTRACTOR SHALL PROVIDE DATA DROP AT 8" ABOVE FINISHED FLOOR FOR INTERACTIVE DISPLAY. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
2. CONTRACTOR SHALL PROVIDE DATA DROP AT 10" ABOVE FINISHED FLOOR FOR AUDIO ENHANCEMENT SYSTEM. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
3. CONTRACTOR SHALL PROVIDE DOUBLE GANG BOX AND FSR #WB-PS2G LOCKING COVER FOR REMOTE POWER SWITCH AND BLUETOOTH INTERFACE.
4. CONTRACTOR SHALL PROVIDE SINGLE GANG BOX AND FSR #WB-PS2G LOCKING COVER FOR REMOTE VOLUME CONTROL.
5. CONTRACTOR SHALL PROVIDE SINGLE GANG BOX AT 12-15" FOR REMOTE ANTENNA.

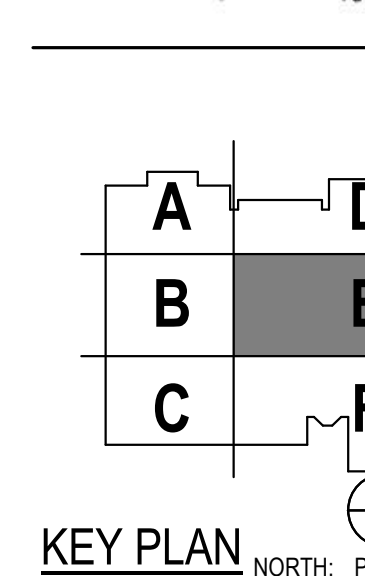


ELECTRICAL NEW WORK LOW VOLTAGE FLOOR PLAN - AREA E

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

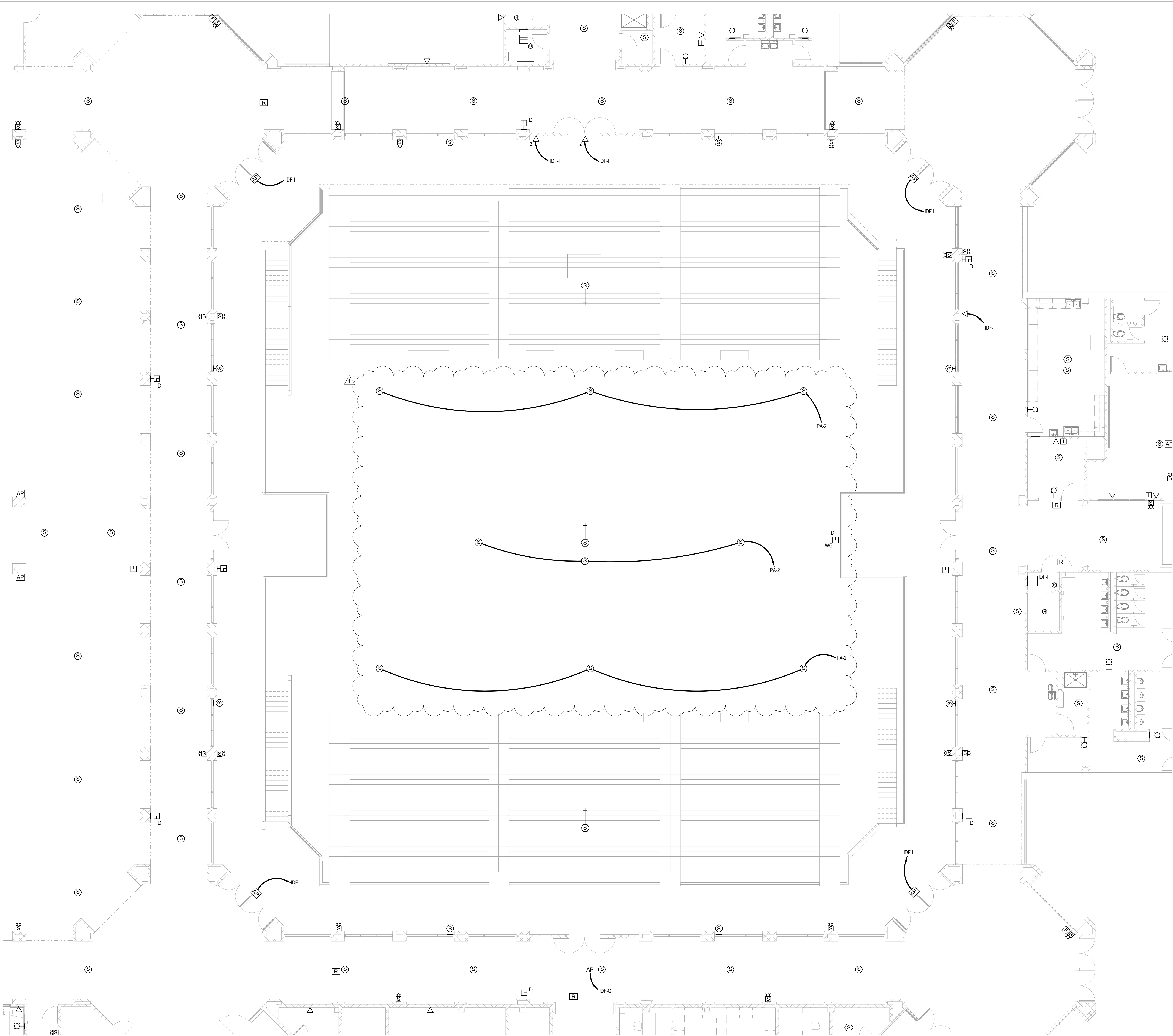


Whitewater High School Renovations
100 Wilcox Way
Fayetteville, GA 30215
CLIENT PROJECT NUMBER: 240477
Bid Set



CLIENT FAYETTE COUNTY SCHOOLS		
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DRAWING HISTORY		
No.	Description	Date
1	ADDENDUM #4	10/21/2026
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DRAWN BY: CTS		

ELECTRICAL LOW VOLTAGE
LEVEL 1 - AREA E FLOOR
PLAN



ELECTRICAL NEW WORK LOW VOLTAGE FLOOR PLAN - AREA H
SCALE: 1/8" = 1'-0"

GENERAL NOTES: (THIS SHEET ONLY)

- A. ALL INTERCOM, AUDIO-VISUAL, VOICE, AND DATA CIRCUITS SHALL BE ROUTED IN CONDUIT FROM OUTLET/DEVICE TO CABLE TRAY SYSTEM ABOVE CORRIDOR CEILING. CABLES SHALL BE ROUTED VIA CABLE TRAY SYSTEM TO DESTINATION.
- B. CONNECT ALL INTERCOM SYSTEM COMPONENTS AND DEVICES TO THE INTERCOM SYSTEM RACKS.

NOTES: (THIS SHEET ONLY)

1. CONTRACTOR SHALL PROVIDE DATA DROP AT 60" ABOVE FINISHED FLOOR FOR INTERACTIVE DISPLAY. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
2. CONTRACTOR SHALL PROVIDE DATA DROP AT 108" ABOVE FINISHED FLOOR FOR AUDIO ENHANCEMENT SYSTEM. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.



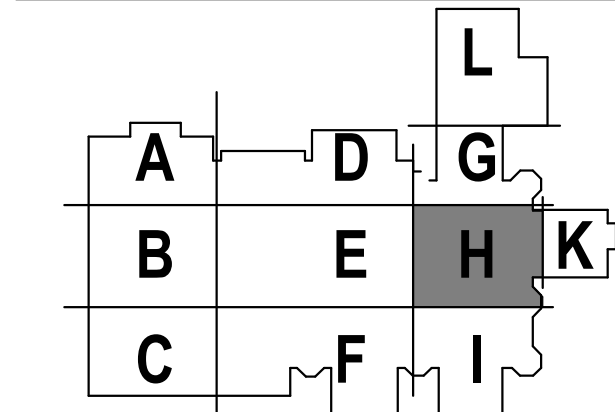
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250 Charter Lane
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**Whitewater High School
Renovations**
100 Whitcast Way
Fayetteville, GA 30215

CLIENT PROJECT NUMBER: 240477
Bid Set



When Excellence and Creativity Merge



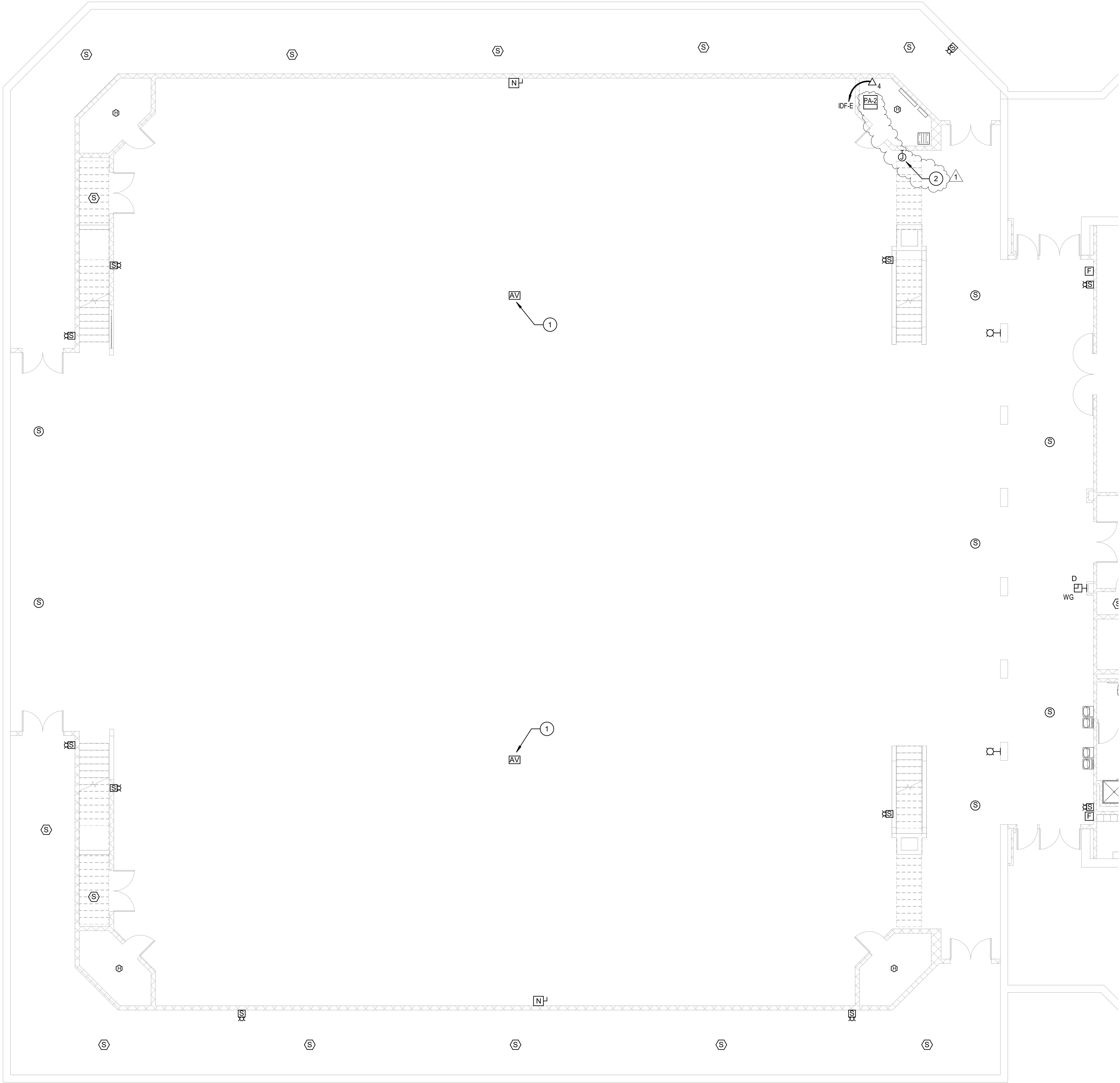
KEY PLAN NORTH: PLAN TRUE



CLIENT		
FAYETTE COUNTY SCHOOLS		
DATE	PROJECT NUMBER	
09/11/2026	20170081	
DRAWING HISTORY		
No.	Description	Date
1	ADDENDUM #4	10/21/2026
CHECKED BY: NHO		
DRAWN BY: CTS		

ELECTRICAL LOW VOLTAGE
LEVEL 1 - AREA H FLOOR
PLAN

E-301H



ELECTRICAL NEW WORK LOW VOLTAGE FLOOR PLAN - AREA H.LL

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

GENERAL NOTES: (THIS SHEET ONLY)

- A. ALL INTERCOM, AUDIO-VISUAL, VOICE, AND DATA CIRCUITS SHALL BE ROUTED IN CONDUIT FROM OUTLET/DEVICE TO CABLE TRAY SYSTEM ABOVE CORRIDOR CEILING. CABLES SHALL BE ROUTED VIA CABLE TRAY SYSTEM TO DESTINATION.
- B. CONNECT ALL INTERCOM SYSTEM COMPONENTS AND DEVICES TO THE INTERCOM SYSTEM RACKS.
- C. SEE SPECIFICATION SECTION 271423 FOR EQUIPMENT MODEL NUMBERS FOR PA-2.

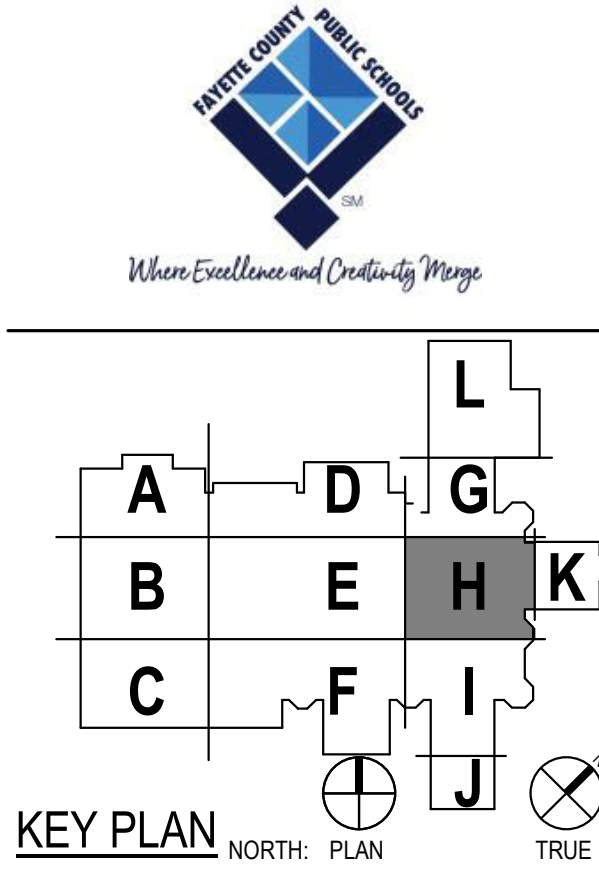
NOTES: (THIS SHEET ONLY)

- 1. PROVIDE NEW AUDIO CABLING AND OUTLET IN FLEX CONDUIT. COORDINATE EXACT LOCATION AND LENGTH ON SITE PRIOR TO COMMENCEMENT OF WORK.
- 2. CONTRACTOR SHALL PROVIDE SINGLE GANG BOX AND FSR #WB-PS2G LOCKING COVER FOR BLUETOOTH INTERFACE.



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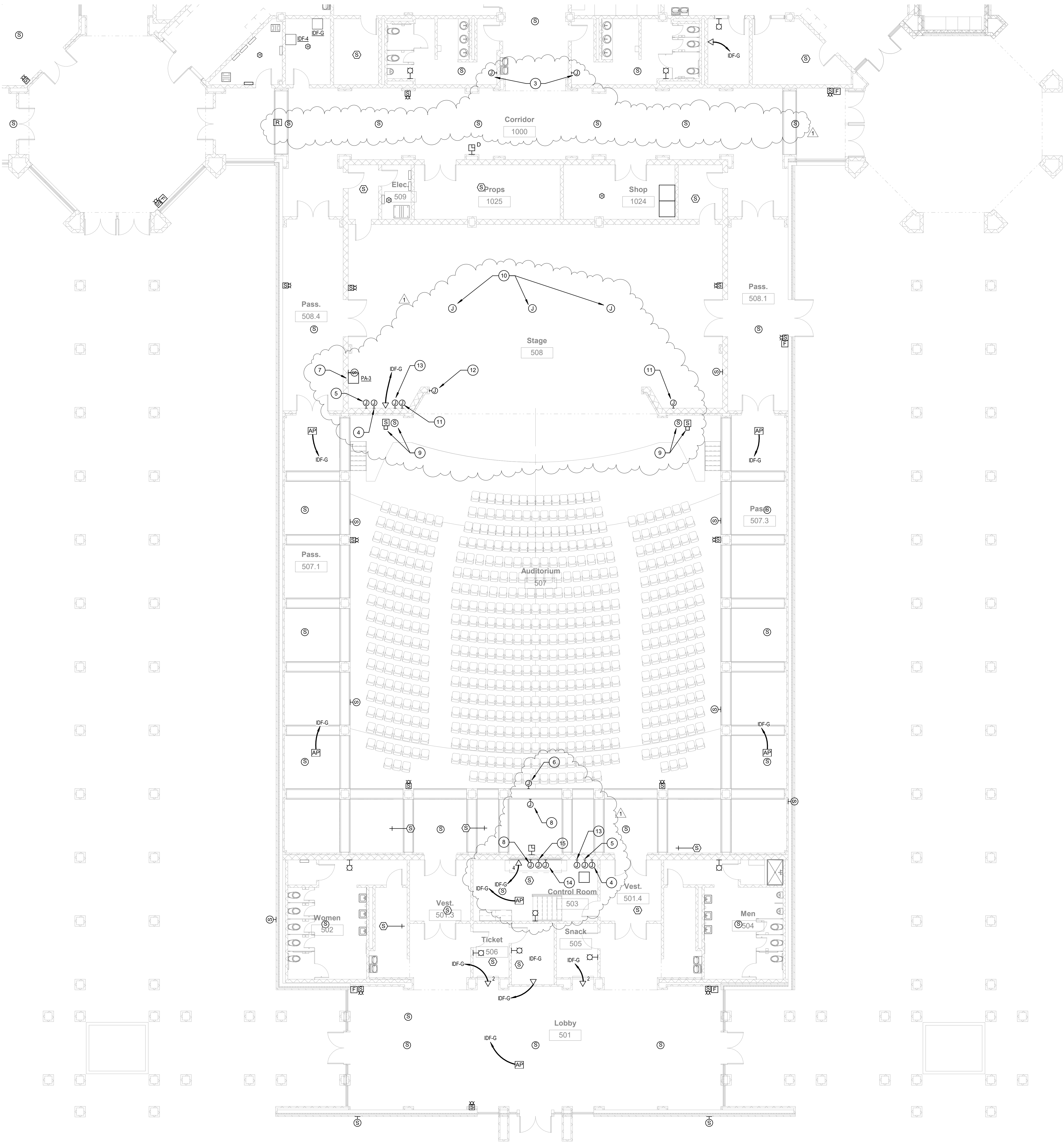
**Whitewater High School
Renovations**
100 Whitewater Way
Fayetteville, GA 30215
CLIENT PROJECT NUMBER: 240477
Bid Set



CLIENT		
FAYETTE COUNTY SCHOOLS		
DATE		PROJECT NUMBER
09/11/2026		20170081
DRAWING HISTORY		
No.	Description	Date
1	ADDENDUM #4	10/21/2026
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ELECTRICAL LOW VOLTAGE
LOWER LEVEL - AREA H
FLOOR PLAN

E-301H.LL



ELECTRICAL NEW WORK LOW VOLTAGE FLOOR PLAN - AREA J
SCALE: 1/8" = 1'-0"

GENERAL NOTES: (THIS SHEET ONLY)

- A. ALL INTERCOM, AUDIO-VISUAL, VOICE, AND DATA CIRCUITS SHALL BE ROUTED IN CONDUIT FROM OUTLET/DEVICE TO CABLE TRAY SYSTEM ABOVE CORRIDOR CEILING. CABLES SHALL BE ROUTED VIA CABLE TRAY SYSTEM TO DESTINATION.
- B. CONNECT ALL INTERCOM SYSTEM COMPONENTS AND DEVICES TO THE INTERCOM SYSTEM RACKS.
- C. SEE SPECIFICATION SECTION 271423 FOR EQUIPMENT MODEL NUMBERS FOR PA-3.

NOTES: (THIS SHEET ONLY)

1. CONTRACTOR SHALL PROVIDE DATA DROP AT 60" ABOVE FINISHED FLOOR FOR INTERACTIVE DISPLAY. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
2. CONTRACTOR SHALL PROVIDE DATA DROP AT 108" ABOVE FINISHED FLOOR FOR AUDIO ENHANCEMENT SYSTEM. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
3. CONTRACTOR SHALL PROVIDE SINGLE GANG BOX FOR STAGE INTERCOM SPEAKER STATION AT 42" AFF.
4. CONTRACTOR SHALL PROVIDE SINGLE GANG BOX FOR VIDEO CONSOLE CONTROL STATION AT 42" AFF.
5. CONTRACTOR SHALL PROVIDE SINGLE GANG BOX FOR AUDIO CONSOLE CONTROL STATION AT 42" AFF.
6. CONTRACTOR SHALL PROVIDE JUNCTION BOX FOR PROJECTOR AV CONNECTIONS. COORDINATE MOUNTING HEIGHT WITH PROJECTOR INSTALLER.
7. CONTRACTOR SHALL PROVIDE 12X12 JUNCTION BOX FOR AV CONTROL RACK. COORDINATE MOUNTING HEIGHT WITH RACK INSTALLER.
8. CONTRACTOR SHALL PROVIDE SINGLE GANG BOX FOR REMOTE DIGITAL MIXER AT 18" AFF.
9. CONTRACTOR SHALL PROVIDE SPEAKER ARRAY AND SUBWOOFERS PER SPECIFICATION 271423. COORDINATE MOUNTING HEIGHT AND HARDWARE WITH ARCHITECTURAL PLANS PRIOR TO PROCUREMENT.
10. CONTRACTOR SHALL PROVIDE JUNCTION BOX MOUNTED TO STRUCTURE FOR CEILING MOUNTED MICROPHONE.
11. CONTRACTOR SHALL PROVIDE 10X10X4 JUNCTION BOX FOR NEW SYSTEM INTERFACE JACK PLATE AT 18" AFF.
12. CONTRACTOR SHALL PROVIDE TWO GANG JUNCTION BOX FOR HDMI INPUT PLATE AT 18" AFF.
13. CONTRACTOR SHALL PROVIDE SINGLE GANG BOX FOR REMOTE POWER SWITCH AT 42" AFF.
14. CONTRACTOR SHALL PROVIDE DOUBLE GANG BOX FOR HDMI INPUT PLATE ABOVE COUNTERTOP.
15. CONTRACTOR SHALL PROVIDE DOUBLE GANG BOX FOR CONSOLE INTERFACE PLATE AT 18" AFF.

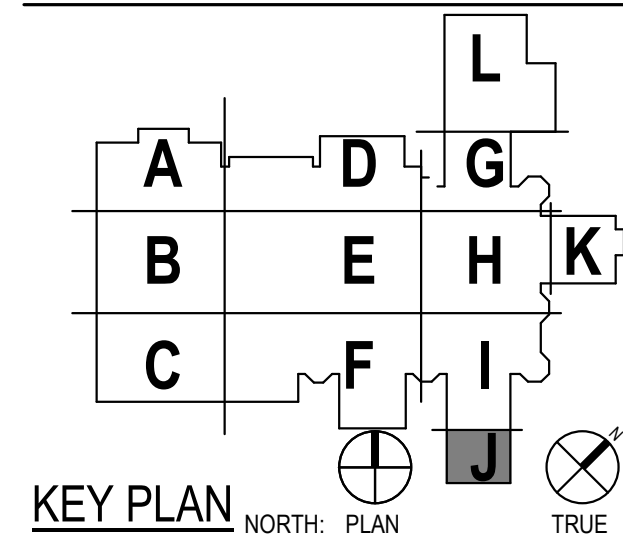


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Whitewater High School
Renovations
100 Wilicat Way
Fayetteville, GA 30215
CLIENT PROJECT NUMBER: 240477
Bld Set



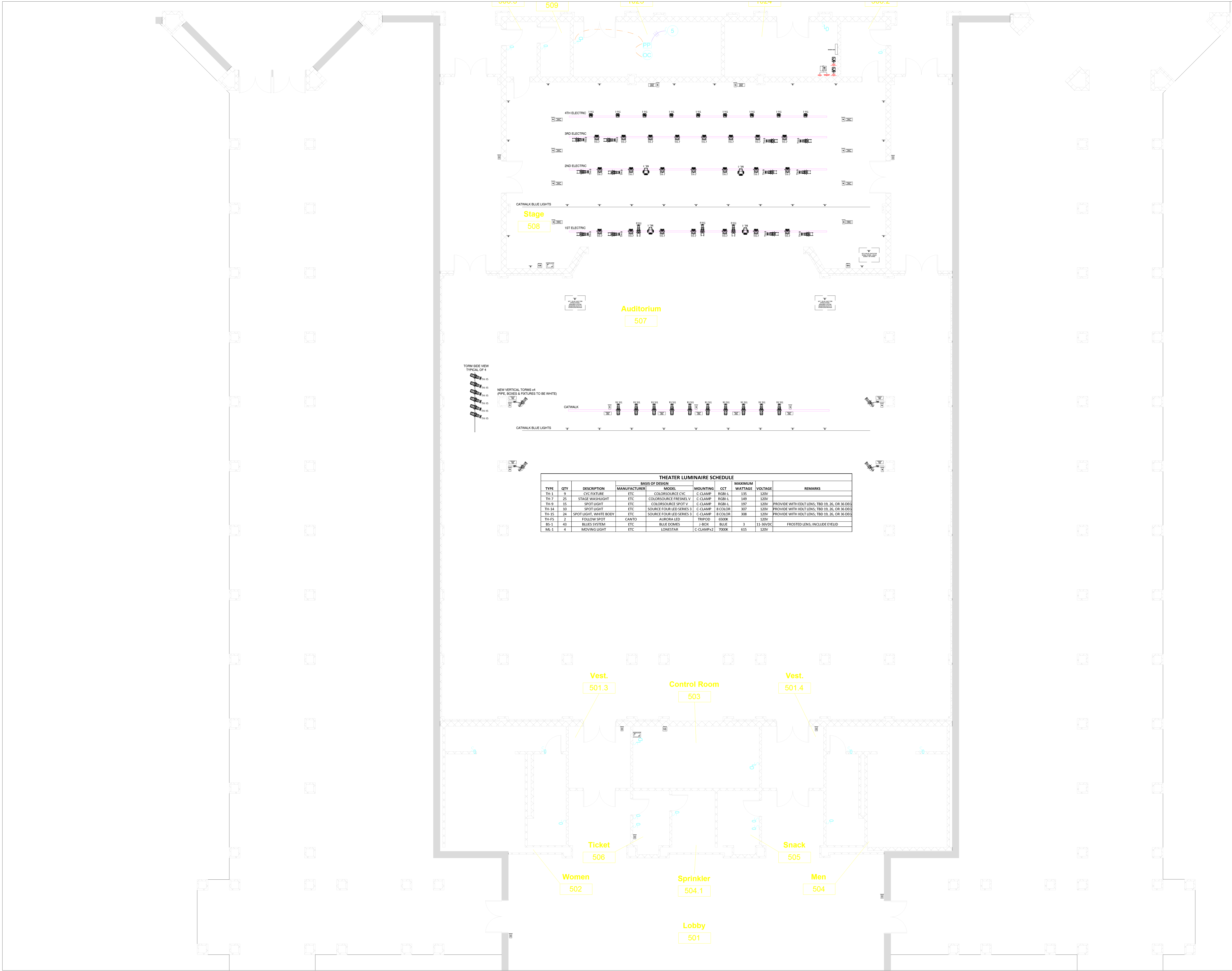
When Excellence and Creativity Merge



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FAYETTE COUNTY SCHOOLS		
DATE		PROJECT NUMBER
09/11/2026		20170081
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No.	Description	Date
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ELECTRICAL LOW VOLTAGE
LEVEL 1 - AREA J FLOOR
PLAN

E-301J



PROJECT: WHITE WATER HIGH SCHOOL
SCHOOL
FAYETTE COUNTY, GA

ARCHITECT:
ENGINEER:
DESIGNER:
INTEGRATOR:



SESCO LIGHTING
5100 Peachtree Industrial Blvd.
Peachtree Corners, GA 30071
Tel: (770) 449-7045
www.sescolighting.com

DESCRIPTION:
THEATRICAL
LIGHTING PLOT

PAGE:

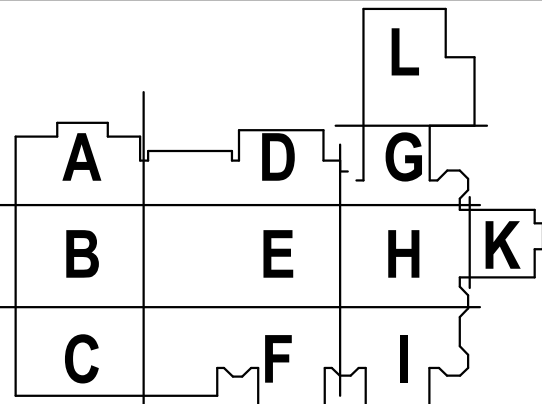


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Renovations
100 Willicat Way
Fayetteville, GA 30215
CLIENT PROJECT NUMBER: 240477
Bid Set



When Excellence and Creativity Merge



KEY PLAN NORTH: PLAN TRUE

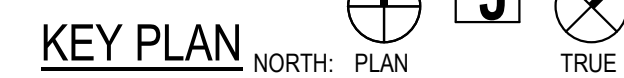


CLIENT		
FAYETTE COUNTY SCHOOLS		
DATE	PROJECT NUMBER	
09/11/2026	20170081	
DRAWING HISTORY		
No.	Description	Date
1	ADDENDUM #4	10/21/2026
CHECKED BY: NHO		
DRAWN BY: CTS		

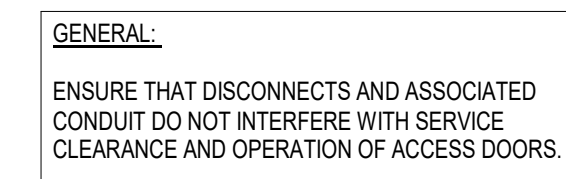
ELECTRICAL STAGE
LIGHTING PLAN



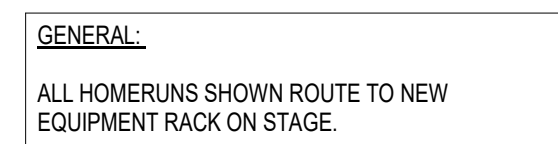
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CHECKED BY: NHO
DRAWN BY: CTS



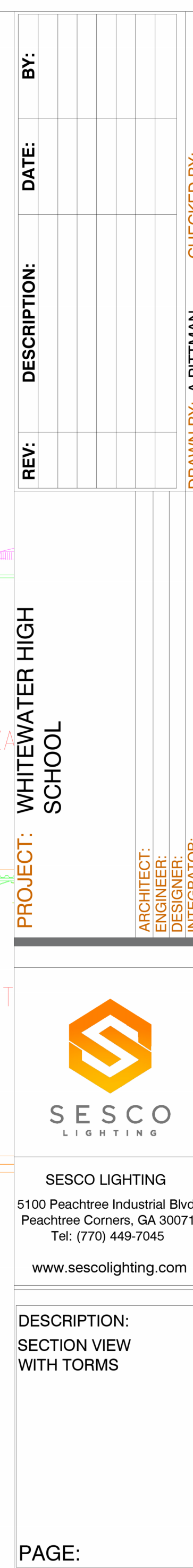
ELECTRICAL DISCONNECT SUPPORT RAIL
NOT TO SCALE



AUDITORIUM 12X12 JUNCTION BOX ELEVATION
NOT TO SCALE



AUDITORIUM PENDANT SPEAKER ARRAY
NOT TO SCALE



AUDITORIUM SECTION VIEW
NOT TO SCALE

WATER SOURCE HEAT PUMP POWER SCHEDULE					
MECHANICAL TAG	VOLTAGE REQUIRED	DISCONNECT	CIRCUIT #	NOTES	
WSHP-1	480V/3PH	DISCONNECT BY MECHANICAL	HA1-	2,4	
WSHP-2	277V/1PH	DISCONNECT BY MECHANICAL	HA1-EXISTING	1,2	
WSHP-4	480V/3PH	DISCONNECT BY MECHANICAL	HA1-EXISTING	1,2	
WSHP-5	480V/3PH	DISCONNECT BY MECHANICAL	HB1-EXISTING	2,6,7	
WSHP-6	480V/3PH	DISCONNECT BY MECHANICAL	HB1-EXISTING	2,6,7	
WSHP-7	480V/3PH	DISCONNECT BY MECHANICAL	HB2-EXISTING	2,6,7	
WSHP-8	480V/3PH	DISCONNECT BY MECHANICAL	HB2-EXISTING	2,6,7	
WSHP-9	480V/3PH	DISCONNECT BY MECHANICAL	HB1-EXISTING	2,6,7	
WSHP-10	480V/3PH	DISCONNECT BY MECHANICAL	HB1-EXISTING	2,6,7	
WSHP-11	480V/3PH	DISCONNECT BY MECHANICAL	HB1-EXISTING	2,6,7	
WSHP-12	480V/3PH	DISCONNECT BY MECHANICAL	HB2-EXISTING	2,6,7	
WSHP-13	480V/3PH	DISCONNECT BY MECHANICAL	HB1-EXISTING	1,2	
WSHP-14	480V/3PH	DISCONNECT BY MECHANICAL	HB2-EXISTING	2,6,7	
WSHP-15	480V/3PH	DISCONNECT BY MECHANICAL	HB2-EXISTING	2,6,7	
WSHP-16	480V/3PH	DISCONNECT BY MECHANICAL	HB2-EXISTING	2,6,7	
WSHP-17	480V/3PH	DISCONNECT BY MECHANICAL	HB2-EXISTING	2,6,7	
WSHP-18	480V/3PH	DISCONNECT BY MECHANICAL	HB2-EXISTING	2,6,7	
WSHP-19	480V/3PH	DISCONNECT BY MECHANICAL	HB2-EXISTING	2,6,7	
WSHP-20	480V/3PH	DISCONNECT BY MECHANICAL	HC1-	2,3	
WSHP-21	480V/3PH	DISCONNECT BY MECHANICAL	HC1-EXISTING	2,5	
WSHP-22	480V/3PH	DISCONNECT BY MECHANICAL	HC2-EXISTING	2,5	
WSHP-23	480V/3PH	DISCONNECT BY MECHANICAL	HC1-EXISTING	2,6,7	
WSHP-24	480V/3PH	DISCONNECT BY MECHANICAL	HC1-EXISTING	2,6,7	
WSHP-25	480V/3PH	DISCONNECT BY MECHANICAL	HC1-EXISTING	2,6,7	
WSHP-26	480V/3PH	DISCONNECT BY MECHANICAL	HC1-EXISTING	2,6,7	
WSHP-27	480V/3PH	DISCONNECT BY MECHANICAL	HC2-EXISTING	2,5	
WSHP-28	277V/1PH	DISCONNECT BY MECHANICAL	HC1-EXISTING	2,8	
WSHP-29	480V/3PH	DISCONNECT BY MECHANICAL	HC1-EXISTING	2,6,7	
WSHP-30	480V/3PH	DISCONNECT BY MECHANICAL	HC1-EXISTING	2,6,7	
WSHP-31	480V/3PH	DISCONNECT BY MECHANICAL	HC2-EXISTING	2,6,7	
WSHP-32	480V/3PH	DISCONNECT BY MECHANICAL	HC1-EXISTING	2,6,7	
WSHP-33	480V/3PH	DISCONNECT BY MECHANICAL	HC2-EXISTING	2,6,7	
WSHP-34	480V/3PH	DISCONNECT BY MECHANICAL	HC2-EXISTING	2,6,7	
WSHP-35	480V/3PH	DISCONNECT BY MECHANICAL	HC2-EXISTING	2,6,7	
WSHP-36	480V/3PH	DISCONNECT BY MECHANICAL	HC2-EXISTING	2,6,7	
WSHP-37	480V/3PH	DISCONNECT BY MECHANICAL	HC2-EXISTING	2,6,7	
WSHP-38	480V/3PH	DISCONNECT BY MECHANICAL	HC2-EXISTING	2,6,7	
WSHP-39	480V/3PH	DISCONNECT BY MECHANICAL	HC2-EXISTING	2,5	
WSHP-40	480V/3PH	DISCONNECT BY MECHANICAL	HE1-EXISTING	2,6,7	
WSHP-43	480V/3PH	DISCONNECT BY MECHANICAL	HE1-EXISTING	2,6,7	
WSHP-44	480V/3PH	DISCONNECT BY MECHANICAL	HE1-EXISTING	2,4	
WSHP-45	480V/3PH	DISCONNECT BY MECHANICAL	HE1-EXISTING	2,6,7	
WSHP-46	480V/3PH	DISCONNECT BY MECHANICAL	HE1-EXISTING	2,5	
WSHP-47	480V/3PH	DISCONNECT BY MECHANICAL	HE1-EXISTING	2,6,7	
WSHP-48	480V/3PH	DISCONNECT BY MECHANICAL	HE1-EXISTING	2,6,7	
WSHP-49	277V/1PH	DISCONNECT BY MECHANICAL	HE1-EXISTING	1,2	
WSHP-50	480V/3PH	DISCONNECT BY MECHANICAL	HE1-EXISTING	2,6,7	
WSHP-51	480V/3PH	DISCONNECT BY MECHANICAL	HE2-EXISTING	2,6,7	
WSHP-52	480V/3PH	DISCONNECT BY MECHANICAL	HE2-EXISTING	2,6,7	
WSHP-53	480V/3PH	DISCONNECT BY MECHANICAL	HE2-EXISTING	2,6,7	
WSHP-54	480V/3PH	DISCONNECT BY MECHANICAL	HE2-EXISTING	1,2,6	
WSHP-55	277V/1PH	DISCONNECT BY MECHANICAL	HE2-EXISTING	2,6,9	
WSHP-56	480V/3PH	DISCONNECT BY MECHANICAL	HE2-EXISTING	2,6,7	
WSHP-57	480V/3PH	DISCONNECT BY MECHANICAL	HE2-EXISTING	2,6,7	
WSHP-58	480V/3PH	DISCONNECT BY MECHANICAL	HE2-EXISTING	2,6,7	
WSHP-59	480V/3PH	DISCONNECT BY MECHANICAL	HE2-EXISTING	2,6,7	
WSHP-60	480V/3PH	DISCONNECT BY MECHANICAL	HE2-EXISTING	2,6,7	
WSHP-61	480V/3PH	DISCONNECT BY MECHANICAL	HE2-EXISTING	1,2,6	
WSHP-62	277V/1PH	DISCONNECT BY MECHANICAL	HE2-EXISTING	2,6,9	
WSHP-63	277V/1PH	DISCONNECT BY MECHANICAL	HF1-EXISTING	1,2	
WSHP-64	480V/3PH	DISCONNECT BY MECHANICAL	HF1-EXISTING	2,6,7	
WSHP-65	480V/3PH	DISCONNECT BY MECHANICAL	HF1-EXISTING	2,6,7	
WSHP-66	480V/3PH	DISCONNECT BY MECHANICAL	HF1-EXISTING	2,6,7	
WSHP-67	480V/3PH	DISCONNECT BY MECHANICAL	HF1-EXISTING	1,2,6	
WSHP-68	480V/3PH	DISCONNECT BY MECHANICAL	HF1-EXISTING	2,6,7	
WSHP-69	480V/3PH	DISCONNECT BY MECHANICAL	HF1-EXISTING	2,6,7	
WSHP-70	480V/3PH	DISCONNECT BY MECHANICAL	HF1-EXISTING	2,6,7	
WSHP-71	277V/1PH	DISCONNECT BY MECHANICAL	HF1-EXISTING	1,2,6	
WSHP-72	480V/3PH	DISCONNECT BY MECHANICAL	HF3-EXISTING	2,6,7	
WSHP-73	480V/3PH	DISCONNECT BY MECHANICAL	HF3-EXISTING	2,6,7	
WSHP-74	480V/3PH	DISCONNECT BY MECHANICAL	HF3-EXISTING	2,6,7	
WSHP-75	480V/3PH	DISCONNECT BY MECHANICAL	HF3-EXISTING	2,6,7	

WATER SOURCE HEAT PUMP NOTES:

- CONNECT TO EXISTING CIRCUIT. MATCH EXISTING CONDUCTOR AND CONDUIT SIZES TO EXTEND.
- VOLTAGE, PHASE, AND AMPERAGE SHOWN ARE BASED ON THE ORIGINAL DRAWINGS. FIELD VERIFY EXISTING CIRCUIT AND COORDINATE ANY DISCREPANCY WITH MECHANICAL CONTRACTOR.
- PROVIDE A 15A/3P CIRCUIT BREAKER IN DESIGNATED PANELBOARD UTILIZING 3/12"1/2 IN 1/2" CONDUIT AND MAKE ALL CONNECTIONS.
- CONNECT TO EXISTING PANEL. PROVIDE 20A/3P CIRCUIT BREAKER IN EXISTING PANELBOARD UTILIZING EXISTING WIRE. MAKE ALL CONNECTIONS. SAFE OFF ALL WIRES NOT USED. MATCH EXISTING CONDUCTOR AND CONDUIT SIZES TO EXTEND AS REQUIRED.
- CONNECT TO EXISTING PANEL. PROVIDE 15A/3P CIRCUIT BREAKER IN EXISTING PANELBOARD UTILIZING EXISTING WIRE. MAKE ALL CONNECTIONS. SAFE OFF ALL WIRES NOT USED. MATCH EXISTING CONDUCTOR AND CONDUIT SIZES TO EXTEND AS REQUIRED.
- CIRCUIT SHARED WITH OTHER EQUIPMENT.
- PROVIDE A 25A/3P CIRCUIT BREAKER IN DESIGNATED PANELBOARD UTILIZING 3/10"1/8 IN 3/4" CONDUIT AND MAKE ALL CONNECTIONS.
- CONNECT TO EXISTING PANEL. PROVIDE 15A/1P CIRCUIT BREAKER IN EXISTING PANELBOARD UTILIZING EXISTING WIRE. MAKE ALL CONNECTIONS. SAFE OFF ALL WIRES NOT USED. MATCH EXISTING CONDUCTOR AND CONDUIT SIZES TO EXTEND AS REQUIRED.
- CONNECT TO EXISTING PANEL. PROVIDE 25A/1P CIRCUIT BREAKER IN EXISTING PANELBOARD UTILIZING EXISTING WIRE. MAKE ALL CONNECTIONS. SAFE OFF ALL WIRES NOT USED. MATCH EXISTING CONDUCTOR AND CONDUIT SIZES TO EXTEND AS REQUIRED.

HEAT PUMP POWER SCHEDULE				
MECHANICAL TAG	VOLTAGE REQUIRED	DISCONNECT	CIRCUIT #	NOTES
HP-1	208V/1PH	60A/2P/NEMA 3R	SLBP-EXISTING	1,2,3

HEAT PUMP NOTES:

- DO NOT MOUNT DISCONNECT SWITCH TO THE UNIT. LOCATE DISCONNECT AS CLOSE AS POSSIBLE TO UNIT BEING SERVED WHILE MAINTAINING NEC WORKING CLEARANCES.
- CONNECT TO EXISTING CIRCUIT. MATCH EXISTING CONDUCTOR AND CONDUIT SIZES TO EXTEND.
- VOLTAGE, PHASE, AND AMPERAGE SHOWN ARE BASED ON THE ORIGINAL DRAWINGS. FIELD VERIFY EXISTING CIRCUIT AND COORDINATE ANY DISCREPANCY WITH MECHANICAL CONTRACTOR.

FAN COIL UNIT POWER SCHEDULE				
MECHANICAL TAG	VOLTAGE REQUIRED	DISCONNECT	CIRCUIT #	NOTES
FCU-1	208V/1PH	60A/2P/NEMA 1	SLBP-EXISTING	1,2,3

FAN COIL UNIT NOTES:

- DO NOT MOUNT DISCONNECT SWITCH TO THE UNIT. LOCATE DISCONNECT AS CLOSE AS POSSIBLE TO UNIT BEING SERVED WHILE MAINTAINING NEC WORKING CLEARANCES.
- CONNECT TO EXISTING CIRCUIT. MATCH EXISTING CONDUCTOR AND CONDUIT SIZES TO EXTEND.
- VOLTAGE, PHASE, AND AMPERAGE SHOWN ARE BASED ON THE ORIGINAL DRAWINGS. FIELD VERIFY EXISTING CIRCUIT AND COORDINATE ANY DISCREPANCY WITH MECHANICAL CONTRACTOR.

ROOF TOP AIR CONDITION POWER SCHEDULE				
MECHANICAL TAG	VOLTAGE REQUIRED	DISCONNECT	CIRCUIT #	NOTES
EDH-1	480V/3PH	100A/3P/NEMA 1	HPFL-EXISTING	2,8,9
EDH-2	480V/3PH	100A/3P/NEMA 1	HPFL-EXISTING	2,8,9
RTAC-57	480V/3PH	100A/3P/NEMA 3R	HPFL-EXISTING	1,2,3,4,5,6,9
RTAC-58	480V/3PH	60A/3P/NEMA 3R	HPFL-EXISTING	1,2,3,4,5,6,9

ROOF TOP AIR CONDITION NOTES:

- CONTRACTOR SHALL ROUTE ALL POWER CONCEALED WITH MECHANICAL ROOF CURB. CONTRACTOR SHALL ROUTE UTILITIES IN FACTORY DESIGNATED LOCATIONS. UNDER NO CIRCUMSTANCE SHALL THE CONTRACTOR CUT OPENINGS IN THE BOTTOM OF THE UNIT. FIELD CUTTING OF UNIT SHALL RESULT IN REJECTION OF UNIT AND NEW UNIT SHALL BE PROVIDED AT NO ADDITIONAL COST TO OWNER.
- PROVIDE SINGLE POINT POWER CONNECTION TO UNITS THROUGH ELECTRICAL PROVIDED AND INSTALLED DISCONNECT. COORDINATE EXACT LOCATION WITH EQUIPMENT SUPPLIER.
- UNIT PROVIDED WITH NON-POWERED 120V CONVENIENCE POWER OUTLET. MAKE RECONNECTION TO EXISTING 120V CONVENIENCE CIRCUIT.
- PROVIDE DUCK MOUNTED SMOKE DETECTOR FOR UNIT AS SPECIFIED IN DIVISION 28.
- PROVIDE TEST/RESET STATION ON CEILING WHEN HEIGHT IS 12' OR LESS ABOVE FINISHED FLOOR. PROVIDE TEST/RESET STATION ON WALL WHEN HEIGHT EXCEEDS 12'.
- PROVIDE A 70A/3P CIRCUIT BREAKER IN DESIGNATED PANELBOARD AND MAKE CONNECTIONS TO EXISTING CONDUCTORS. EXTEND EXISTING CONDUCTORS AND CONDUIT AS REQUIRED.
- PROVIDE A 45A/3P CIRCUIT BREAKER IN DESIGNATED PANELBOARD AND MAKE CONNECTIONS TO EXISTING CONDUCTORS. EXTEND EXISTING CONDUCTORS AND CONDUIT AS REQUIRED.
- PROVIDE A 70A/3P CIRCUIT BREAKER IN DESIGNATED PANELBOARD AND MAKE CONNECTIONS UTILIZING 3/4, 1/8"(G) IN 1-1/4" C.
- VOLTAGE, PHASE, AND AMPERAGE SHOWN ARE BASED ON THE ORIGINAL DRAWINGS. FIELD VERIFY EXISTING CIRCUIT AND COORDINATE ANY DISCREPANCY WITH MECHANICAL CONTRACTOR.

EXHAUST FAN POWER SCHEDULE				
MECHANICAL TAG	VOLTAGE REQUIRED	DISCONNECT	CIRCUIT #	NOTES
EF-4	208V/1PH	30A/2P/NEMA 1	LA2	10,13
EF-41	120V/1PH	DISCONNECT BY MECHANICAL	LA1-EXISTING	1,2,7
EF-50	120V/1PH	DISCONNECT BY MECHANICAL	LA1-EXISTING	1,2,4,11
EF-58	120V/1PH	DISCONNECT BY MECHANICAL	LFV-EXISTING	1,2,3,4
EF-59	120V/1PH	DISCONNECT BY MECHANICAL	LFV-EXISTING	1,2,3,4
EF-60	120V/1PH	DISCONNECT BY MECHANICAL	LFV-EXISTING	1,2,3,4
EF-61	120V/1PH	DISCONNECT BY MECHANICAL	LFV-EXISTING	1,2,3,4
EF-62	120V/1PH	DISCONNECT BY MECHANICAL	LFV-EXISTING	1,2,3,4
EF-63	120V/1PH	DISCONNECT BY MECHANICAL	LFH-EXISTING	1,2,3,4
EF-64	120V/1PH	DISCONNECT BY MECHANICAL	LFH-EXISTING	1,2,3,4
EF-65	120V/1PH	DISCONNECT BY MECHANICAL	LFH-EXISTING	1,2,3,4
EF-66	120V/1PH	DISCONNECT BY MECHANICAL	LFH-EXISTING	1,2,3,4
EF-67	120V/1PH	DISCONNECT BY MECHANICAL	LFH-EXISTING	1,2,3,4
EF-73	120V/1PH	DISCONNECT BY MECHANICAL	LH-EXISTING	1,2,4,7
EF-74	120V/1PH	DISCONNECT BY MECHANICAL	LPBF-19	3,4,5,6
EF-75	120V/1PH	DISCONNECT BY MECHANICAL	LPBF-19	3,4,5,6
EF-76	120V/1PH	DISCONNECT BY MECHANICAL	LPBF-19	3,4,7
EF-77	480V/3PH	DISCONNECT BY MECHANICAL	HPBF-33	3,9
EF-78	480V/3PH	DISCONNECT BY MECHANICAL	HPBF-33	3,9
EF-79	120V/1PH	DISCONNECT BY MECHANICAL	LPBF-26	3,12

EXHAUST FAN NOTES:

- VOLTAGE, PHASE, AND AMPERAGE SHOWN IS BASED ON THE ORIGINAL DRAWINGS. FIELD VERIFY EXISTING CIRCUIT AND COORDINATE ANY DISCREPANCY WITH MECHANICAL CONTRACTOR.
- CONNECT TO EXISTING CIRCUIT. EXTEND CONDUCTORS AND CONDUIT.
- CIRCUIT SHARED WITH OTHER EQUIPMENT.
- WIRE THRU SPEED CONTROLLER AS FURNISHED BY DIV 23.
- CONTROL EXHAUST FAN VIA ELECTRICAL PROVIDED SWITCH ADJACENT TO LIGHT SWITCH.
- INTERLOCK FAN WITH ASSOCIATED LOUVER. SEE MECHANICAL DRAWINGS FOR EXACT LOCATION.
- WIRE THRU LINE VOLTAGE THERMOSTAT AS FURNISHED BY DIV 23.
- INTERLOCK LOUVER WITH ASSOCIATED FAN. SEE MECHANICAL DRAWINGS FOR EXACT LOCATION.
- ELECTRICAL TO PROVIDE STARTERS AND RELAYS TO INTERFACE CONTROL OPERATIONS FOR EF-77 AND EF-78 WITH LOUVERS L-7 AND L-8. SEE MECHANICAL SHEET FOR MORE INFORMATION. PROVIDE NEMA 1 INDOOR COMBO NTR STARTER DISC (NEMA SZ 0 FVNR STARTER W/ 3A MCP AND AUX CONTACTS)
- WIRE THRU OVERRIDE TIMER BY DIV 23.
- CONNECT TO EXISTING 120V CIRCUIT. EXTEND CONDUCTORS AND CONDUIT.
- ELECTRICAL TO PROVIDE STARTERS AND RELAYS TO INTERFACE CONTROL OPERATIONS FOR EF-79 WITH LOUVERS L-6. SEE MECHANICAL SHEET FOR MORE INFORMATION. PROVIDE NEMA 1 INDOOR COMBO NTR STARTER DISC (NEMA SZ 0 FVNR STARTER W/ 3A MCP AND AUX CONTACTS)
- PROVIDE 2P/20A BREAKER. CONNECT WITH #12,#12G 1/2" C. WIRE. MAKE ALL CONNECTS.

PUMP POWER SCHEDULE				
MECHANICAL TAG	VOLTAGE REQUIRED	DISCONNECT	CIRCUIT #	NOTES
P-1	480V/3PH	VFD BY MECHANICAL	MCC-EXISTING	1,2,5
P-2	480V/3PH	VFD BY MECHANICAL	MCC-EXISTING	1,2,5
P-3	480V/3PH	FVNR, NEMA SZ 2, START/DISCONNECT	MCC-EXISTING	1,4,5
P-4	480V/3PH	FVNR, NEMA SZ 2, START/DISCONNECT	MCC-EXISTING	1,4,5
P-5	480V/3PH	FVNR, NEMA SZ 0, START/DISCONNECT	MCC-EXISTING	1,4,5
P-6	480V/3PH	FVNR, NEMA SZ 0, START/DISCONNECT	MCC-EXISTING	1,4,5
RP-1	208V/1PH	MOTOR RATED SWITCH NEMA1	LA1- EXISTING	1,3,5
RP-3	120V/1PH	MOTOR RATED SWITCH NEMA1	LK2-EXISTING	1,3,5
RP-4	120V/1PH	MOTOR RATED SWITCH NEMA1	LPF-EXISTING	1,3,5

PUMP NOTES:

- VOLTAGE, PHASE, AND AMPERAGE SHOWN ARE BASED ON THE ORIGINAL DRAWINGS. FIELD VERIFY EXISTING CIRCUIT AND COORDINATE ANY DISCREPANCY WITH MECHANICAL CONTRACTOR.
- ROUTE CIRCUIT VIA ASSOCIATED VFD.
- LOCATE DISCONNECT AS CLOSE AS POSSIBLE TO UNIT BEING SERVED WHILE MAINTAINING NEC WORKING CLEARANCES.
- PROVIDE MOTOR CONTROLLER (STARTER/DISCONNECT) PER SECTION 262816 WITH MOTOR CIRCUIT PROTECTOR AND HOA SWITCH.
- CONNECT TO EXISTING CIRCUIT. MATCH EXISTING CONDUCTOR AND CONDUIT SIZES TO EXTEND.

BOILER POWER SCHEDULE				
MECHANICAL TAG	VOLTAGE REQUIRED	DISCONNECT	CIRCUIT #	NOTES
B-1	120V/1PH	MOTOR RATED SWITCH NEMA1	LA1-EXISTING	1,2,3,4,5
B-2	120V/1PH	MOTOR RATED SWITCH NEMA1	LA1-EXISTING	1,2,3,4,5

BOILER NOTES:

- ROUTE POWER CIRCUIT VIA "EMERGENCY SHUTDOWN" PUSH/BUTTONS PROVIDED BY HVAC CONTRACTOR. COORDINATE LOCATION WITH EQUIPMENT INSTALLER.
- COORDINATE DELAYED TRIP SETTING WITH BOILER MANUFACTURER PRIOR TO EQUIPMENT TESTING.
- CONNECT TO EXISTING CIRCUIT. EXTEND CONDUCTORS AND CONDUIT.
- VOLTAGE, PHASE, AND AMPERAGE SHOWN ARE BASED ON THE ORIGINAL DRAWINGS. FIELD VERIFY EXISTING CIRCUIT AND COORDINATE ANY DISCREPANCY WITH MECHANICAL CONTRACTOR.
- CONTRACTOR SHALL COORDINATE CARBON MONOXIDE CUT OFF FOR BOILER UNIT WITH MECHANICAL CONTRACTOR.

COOLING TOWER POWER SCHEDULE				
TG	VOLTAGE REQUIRED	DISCONNECT	CIRCUIT #	NOTES
CT-1	480V/3PH	VFD BY MECHANICAL	MCC-EXISTING	1,2,3
CT-2	480V/3PH	VFD BY MECHANICAL	MCC-EXISTING	1,2,3
HEAT TAPE	120V/1PH	HARDWIRED	LB2-EXISTING	1,2
FAN HEATER	480V/3PH	30A/3P/NEMA 3R/F20A	MCC-EXISTING	1,2

COOLING TOWER NOTES:

- VOLTAGE, PHASE, AND AMPERAGE SHOWN IS BASED ON THE ORIGINAL DRAWINGS. FIELD VERIFY EXISTING CIRCUIT AND COORDINATE ANY DISCREPANCY WITH MECHANICAL CONTRACTOR.
- CONNECT TO EXISTING CIRCUIT. EXTEND CONDUCTORS AND CONDUIT.
- ROUTE CIRCUIT VIA ASSOCIATED VFD.

UNIT HEATER POWER SCHEDULE				
MECHANICAL TAG	VOLTAGE REQUIRED	DISCONNECT	CIRCUIT #	NOTES
UH-1	120V/1PH	MOTOR RATED SWITCH NEMA1	LA1-EXISTING	1,2,3
UH-2	120V/1PH	MOTOR RATED SWITCH NEMA1	LA1-EXISTING	1,2,3
UH-3	120V/1PH	MOTOR RATED SWITCH NEMA1	LA1-EXISTING	1,2,3
UH-4	120V/1PH	MOTOR RATED SWITCH NEMA1	LA1-EXISTING	1,2,3

UNIT HEATER NOTES:

- VOLTAGE, PHASE, AND AMPERAGE SHOWN IS BASED ON THE ORIGINAL DRAWINGS. FIELD VERIFY EXISTING CIRCUIT AND COORDINATE ANY DISCREPANCY WITH MECHANICAL CONTRACTOR.
- CONNECT TO EXISTING CIRCUIT. EXTEND CONDUCTORS AND CONDUIT.
- WIRE THRU LOW VOLTAGE THERMOSTAT AS FURNISHED BY DIV 23.

ELECTRIC UNIT HEATER SCHEDULE				
MECHANICAL TAG	VOLTAGE REQUIRED	DISCONNECT	CIRCUIT #	NOTES
EUH-1	480V/3PH	30A/3P/NEMA 1	HA1-EXISTING	1,2,3
EUH-2	480V/3PH	30A/3P/NEMA 1	HA1-EXISTING	1,2,3
EUH-3	480V/3PH	30A/3P/NEMA 1	HK1-EXISTING	1,2,3
EUH-4	480V/3PH	INTERGRAL DISCONNECT	HPBF-7	3
EUH-5	480V/3PH	INTERGRAL DISCONNECT	HPBF-7	3
EUH-6	480V/3PH	INTERGRAL DISCONNECT	HPBF-8	3
EUH-7	480V/3PH	INTERGRAL DISCONNECT	HPBF-15	3
EUH-8	480V/3PH	INTERGRAL DISCONNECT	HPBF-16	3
EUH-9	480V/3PH	INTERGRAL DISCONNECT	HPBF-21	3
EUH-10	480V/3PH	INTERGRAL DISCONNECT	HPBF-22	3
EUH-11	480V/3PH	INTERGRAL DISCONNECT	HPBF-27	3
EUH-12	480V/3PH	INTERGRAL DISCONNECT	HPBF-28	3

ELECTRIC UNIT HEATER NOTES:

- VOLTAGE, PHASE, AND AMPERAGE SHOWN IS BASED ON THE ORIGINAL DRAWINGS. FIELD VERIFY EXISTING CIRCUIT AND COORDINATE ANY DISCREPANCY WITH MECHANICAL CONTRACTOR.
- CONNECT TO EXISTING CIRCUIT. EXTEND CONDUCTORS AND CONDUIT.
- WIRE THRU LINE VOLTAGE THERMOSTAT AS FURNISHED BY DIV 23.

ELECTRIC WALL HEATER SCHEDULE				
MECHANICAL TAG	VOLTAGE REQUIRED	DISCONNECT	CIRCUIT #	NOTES
EWH-1	120V/1PH	DISCONNECT BY MECHANICAL	LFV-EXISTING	1,2,3
EWH-2	120V/1PH	DISCONNECT BY MECHANICAL	LFV-EXISTING	1,2,3
EWH-3	120V/1PH	DISCONNECT BY MECHANICAL	LFH-EXISTING	1,2,3
EWH-4	120V/1PH	DISCONNECT BY MECHANICAL	LFH-EXISTING	1,2,3
EWH-5	277V/1PH	MOTOR RATED SWITCH NEMA-1	HK1-EXISTING	
EWH-6	277V/1PH	DISCONNECT BY MECHANICAL	HPBF-14	3
EWH-7	277V/1PH	DISCONNECT BY MECHANICAL	HPBF-14	3