

ADDENDUM NO. 3

October 27, 2026

RE: **Athletic Performance Addition**
Perkinston Campus, MGCCC
Perkinston, Mississippi
A/E Project No. 26-028a

FROM: EGH Architects
1091 Tommy Munro Drive
Biloxi, MS 39532
(228) 594-2323

TO: Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated October 1, 2026. Acknowledge receipt of this Addendum in the space provided on the Proposal Form. Failure to do so may subject Bidder to disqualification.

This Addendum consists of 5 pages and 14 pages of attachments.

QUESTIONS

- Q1. Specification Section 012100—Allowances, Part 1.02 B., lists the Contingency Allowance as “Eighty Thousand Dollars (\$35,000)”. Please clarify which amount should be included.
R1. Allowance should read “Thirty Five Thousand Dollars (\$35,000)”
- Q2. The Bid Form lists liquidated damages at \$500/day. Revised AIA Document A101, in Addendum #1, lists “five hundred dollars (\$1,000). Please clarify the amount of liquidated damages.
R2. AIA Document should be blank and contractor to refer to bid form..
- Q3. The Bid Form also applies liquidated damages to partial substantial completion. What is the milestone date or number of days for partial substantial completion?
R3. Per bid form and sheet G100 partial substantial completion should be on June 9, 2027 or three weeks prior to June 30, 2027.
- Q4. Addendum #1 calls for impact rated glazing at GL-2 and GL-3. Specification Section 084113—Aluminum Framed Entrances and Storefronts, still lists Kawneer Trifab 451T and 500 Heavywall Doors, which are not impact rated systems. Specification Section 088000—Glazing, still lists non-laminated glass make-ups. Please confirm impact rated storefront and entrance system is required and provide the design pressures.
R4. Impact rated aluminum framed entrances and storefronts are required. See CHANGES TO PROJECT MANUAL below for corrections.
- Q5. Specification Section 096566—Resilient Athletic Flooring, lists the Mondo Sport Impact System as 10 mm, Part 2.03 of this Spec Section describes an 18 mm (6 mm wear layer over 12 mm base). Please clarify which thickness is required.
R5. Finish Key indicates correct finish thickness of 10 mm. See CHANGES TO PROJECT MANUAL and CHANGES TO DRAWINGS below.
- Q6. Specification Section 101400—Signage and Sheet I100. The specifications call for Fusion Breach. The design shown on Sheet I100 is Fusion 51 with some square signs. The sign types listed in Section 101400 do not match those on the drawings. The Finish

Plan on Sheet I100 includes 4 sign types (10 total signs). Sign Types G.1 and D.1, shown in the Signage Legend (Sheet I100) are not shown in the Finish Plan. Are we to include one each of these sign types? Please clarify. Please update the specs and/or drawings to match.

R6. Signage type is Fusion 51, not Breach. See CHANGES TO PROJECT MANUAL below.

Q7. Sheet A200 shows a 6' x 8'-5" metal sign on the east elevation. Is this covered under the \$1,000 Exterior Logo Allowance or is it furnished by the contractor?

R7. The \$1,000 Exterior Logo Allowance is for this sign.

Q8. Please provide quantity and layout of the HDPE lockers specified in Section 10213.17.

R8. Two HDPE lockers are in TOILET 104.

Q9. Please clarify how the building is braced at the sidewalls.

R9. Per details 2 & 9 on sheet A500, the PEMB frame is braced in the weak direction with the 4x4x3/8 tubes welded to the 8x6x1/2 tube which is attached to the CMU.

Q10. There are two Duct Heaters (one at each unit) shown in the drawings, but no schedule for them. What KW and voltage should be used?

R10. See revised sheet M001 attached.

Q11. Are the TVs, for the new ceiling mounts in Addendum #1, Owner Furnished?

R11. TVs are owner furnished.

Q12. There are no specs included for metal wall panels, sheet metal flashing, gypsum board and termite control. Please provide.

R12. See CHANGES TO PROJECT MANUAL and CHANGES TO DRAWINGS below.

CHANGES TO PROJECT MANUAL

1. Section 00 52 13 – AGREEMENT FORM: Under paragraph 4.5 LIQUIDATED DAMAGES delete and leave blank the amount. Contractor is to refer to bid form for liquidated damages.

2. Section 01 21 00 – ALLOWANCES: Under paragraph 1.02 ALLOWANCES delete and replace subparagraph B.1.a AND add the following subparagraph H as follows:

Delete subparagraph B.1.a in its entirety and replace with "Base Bid: Thirty-Five Thousand Dollars (\$35,000)"

"H. Utility Allowance:

1. Include following amount in the Base Bid for inclusion in Contract Sum:

a. Ten Thousand Dollars (\$10,000).

b. Allowance is for upgrades by Mississippi Power."

3. Section 08 41 13 – ALUMINUM FRAME ENTRANCES AND STOREFRONTS:

a. Delete paragraph 2.03 EXTERIOR STOREFRONT in its entirety and replace with the following:

"2.03 EXTERIOR STOREFRONT

A. Impact Resistant Storefront (Center Plane, Screw Spline):

1. Provide "IR501 Framing System" as manufactured by Kawneer.

B. Framing Member Profile: 2-1/2" x 5" nominal dimension.

1. Provide high performance aluminum subsill at all openings.

C. Provide all necessary components for complete installation including glazing gaskets for flush glazing and adapters as required to accommodate the following:

1. 1-5/16" impact glazing as specified in Division 8 Section "Glazing".

b. Delete paragraph 2.04 ENTRANCE COMPONENTS – HEAVY DUTY in its entirety and replace with the following:

"2.04 ENTRANCE COMPONENTS

A. Standard impact entrances (exterior):

1. Provide "350 IR" as manufactured by Kawneer.

B. All door sections shall be of extruded aluminum alloy and temper to meet or exceed finishing and structural criteria as specified.

C. Doors shall be 1-3/4 inches thick. Major portions of the door members to be 0.125" nominal in thickness.

D. Glazing gaskets shall be either EPDM elastomeric extrusions or a thermoplastic elastomer.

E. Fasteners: aluminum alloys or stainless steel. Exposed fasteners, if any, shall be finished to match door and frame sections.

F. Provide all necessary components for complete installation including glazing gaskets for flush glazing and adapters as required to accommodate the following:

1. Exterior: 9/16" impact glazing as specified in division 8 section "Glazing".

G. Hardware:

1. It is the responsibility of the storefront contractor and Door Hardware provider through the General Contractor to ensure all hardware submitted is compatible with their most current assembly test for impact resistance.

a. Manufacturer to submit letter stating all hardware provided meets assembly testing for large and small missile impact testing.

2 All other hardware to be provided per Division 8 Section "Door Hardware".

a. Where electromechanical hardware is to be provided in lieu of mechanical hardware, coordinate with Door Hardware Contractor and Electrical Contractor for all necessary rough-ins, components, and wiring for a complete working installation.

3. Weatherstripping: manufacturer's standard in addition to specified in Division 8 Section "Door Hardware".

4. Section 08 80 00 – GLAZING:

- a. Delete paragraph 2.03.C in its entirety and replace with the following:

"C. GL2 (Tinted Insulated Safety Glass - Impact Resistant @ Storefront) 1-5/16":

1. Typical:

- a. 1/4" tempered tinted (low-e) Outboard/Exterior Lite
- b. 1/2" Air Space
- c. 1/4" tempered Outboard/Interior Lite
- d. .100 Solutia Saflex HP (PVB)
- e. 1/4" tempered Inboard Lite"

- b. Delete paragraph 2.03.D in its entirety and replace with the following:

"D. GL3 (Tinted Safety Glass – Impact Resistant @ Exterior Doors) 9/16":

1. 1/4" fully tempered tinted (low-e) tinted Outboard Lite
2. .090 Solutia Saflex (PVB)
3. 1/4" tempered Inboard Lite"

5. Section 09 65 66 – RESILIENT ATHLETIC FLOORING: Delete the section in its entirety and replace with attached, "09 65 66 R1 – RESILIENT ATHLETIC FLOORING" section.
6. Section 10 14 00 – SIGNAGE: Delete paragraph 2.04 MANUFACTURED UNITS in its entirety and replace with the following:

"2.04 MANUFACTURED UNITS

A. General:

1. Provide Takeform "Quad – Fusion 51" for all interior sign types (unless noted to be ACM) as manufactured by Takeform Architectural Graphics or approved equal.
2. ACM signs, provide "Signify – Quad" as manufactured by Takeform Architectural Graphics or approved equal.

B. Room identification:

1. Room I.D. Double Line:
 - a. Takeform Type: Breach A.1
 - b. Size: 7.5" x 4.7"
2. Room ID, Single Line:
 - a. Takeform Type: Breach A.2
 - b. Size: 7.5" x 4.7"
 - c. Quantity: provide 1 at storage and janitor doors.
3. Room ID, Office:
 - a. Takeform Type: Breach C.1
 - b. Size: 7.5" x 4.7"

4. Directional Graphic Restroom ID:
 - a. Takeform Type: Flag Mounted Breach D.2
 - b. Size: 7.5" x 4.7"
 5. Visual Graphic (Unisex Restroom)
 - a. Takeform Type: Breach B.1
 - b. Size: 5" x 9"
 6. Max Occupancy, Double Line
 - a. Takeform Type: Breach D.1
 - b. Size: 9" x 12"
 - c. Provide at 2 locations, to be determined by architect prior to installation.
 7. Evacuation Map
 - a. Takeform Type: Breach G.1
 - b. Size: 11" x 21"
 - c. Provide at 2 locations, to be determined by architect prior to installation. "
7. Section 13 34 19 – METAL BUILDING SYSTEMS: Delete the section in its entirety and replace with attached, "13 34 19 R1 – METAL BUILDING SYSTEMS" section.

CHANGES TO DRAWINGS

1. Sheet A500: Detail 2 – Remove 5/8" GYP BD from detail.
2. Sheet I600: FLOORING TRANSITION DETAILS – remove continuous vapor barrier under rolled rubber sports floor.
3. Mechanical Revisions: see attached Mechanical Addenda comments.
4. Remove the following **MECHANICAL** sheets in their entirety and replace with the attached revised sheets with the same sheet number and new revision mark: **M001 & M101**
5. Electrical Revisions:
 - a. Sheet E000 – One Line Diagram
 - i. Revise Panel "P2" and feeder.
 - ii. Remove and replace with attached Sheet E000R.
 - b. Sheet E203 – Mezzanine Electrical Plan
 - i. Demo existing circuits for existing water heater and (2) existing air handler units.
 - ii. Reconnect existing water heater and (2) existing air handler units to new Panel "P2".
 - iii. Add (1) type "EM1" light at new Mezzanine.
 - iv. Revise circuits for new air handler units AHU/1 and AHU/2.
 - v. Add circuits for new duct heaters DH/1 and DH/2.
 - vi. Add Specific Notes.
 - vii. Remove and replace with attached Sheet E203R.
 - c. Sheet E301 – Electrical Panel Schedules
 - i. Revise Existing Panel "MDP".
 - ii. Revise Existing Panel "P2".
 - iii. Remove and replace with attached Sheet E301R.

END OF ADDENDUM 3

DRAWINGS:

Sheet M001

CHANGES:

- Added schedule for the electric duct heaters.
- Removed electric auxiliary heat from HEAT PUMP SPLIT SYSTEM SCHEDULE. This changed the electrical requirements of the air handler. The auxiliary heat is handled by the duct heaters.

Sheet M101

CHANGES:

- The numbering for the electric duct heaters corrected.

SECTION 09 65 66 R1
RESILIENT ATHLETIC FLOORING

PART 1 – GENERAL

1.01 REFERENCE STANDARDS

- A. ASTM E1643 - Standard Practice for Selection, Design, Installation, and Inspection of Water Vapor Retarders Used in Contact with Earth or Granular Fill Under Concrete Slabs; 2024.
- B. ASTM F2772 - Standard Specification for Athletic Performance Properties of Indoor Sports Floor Systems; 2024.

1.02 SUMMARY

- A. Section Includes: Prefabricated multi-layer vulcanized rubber athletic flooring system designed for heavy weight room impact.
- B. System Composition: Dual-layer vulcanized rubber surface field-assembled with a shock-absorbing honeycomb underlayment over concrete subfloors using polyurethane adhesive.

1.03 REFERENCES

- A. ASTM F2772: Standard Specification for Athletic Performance Properties of Indoor Sports Systems (Meets Class 2 Performance).
- B. ASTM E1643 / E1745: Standard Practice and Specification for Water Vapor Retarders used under Concrete Slabs.

1.04 SUBMITTALS

- A. Product Data: Submit manufacturer's current printed technical data sheets, installation instructions, and maintenance guidelines.
- B. Samples: Provide three samples of each color specified, minimum 6x6 inches.
- C. Warranty: Submit documentation of manufacturer's standard warranty.

1.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum 10 years experience manufacturing vulcanized rubber athletic flooring.
- B. Installer Qualifications: Certified in writing by the flooring manufacturer for field assembly of dual-layer underlayment systems.

1.06 PROJECT CONDITIONS

- A. Substrate Preparation: Concrete must be fully cured (minimum 28 days), structurally sound, and have a minimum compressive strength of 3,500 psi (24131.66 kPa).
- B. Moisture Testing: Conduct relative humidity and alkalinity testing prior to installation.
- C. Acclimatization: Store materials in the installation space at a controlled temperature between 65°F and 80°F for 48 hours prior to unrolling.

PART 2 – PRODUCTS

2.01 MANUFACTURERS

- A. Basis of Design: Mondo Sport Impact Strength System (10mm).
- B. List of accepted Manufactures
 - 1. Northwest Rubber Sports Flooring
 - 2. Ecore Athletic Flooring
 - 3. Tarkett Sports Flooring (Rolled Good only, 10.5mm)
 - 4. Equal as approved.

2.02 PERFORMANCE & MATERIAL REQUIREMENTS

- A. Prefabricated resilient athletic flooring, calendared and vulcanized, with a base of natural and synthetic rubbers, stabilizing agents and pigmentation.
 - 1. Dual durometer construction, vulcanized into a single prefabricated sheet/tile for optimal performance and durability. The Shore hardness of the top layer (wear layer) will be greater than that of the bottom layer (backing); Shore hardness of layers to be recommended by the Manufacturer and to respect limits specified.
 - 2. Health-Conscious Production: Sport Impact is free from red listed ingredients (LBC Red List) and is manufactured without bisphenol A (BPA), formaldehyde, halogens, heavy metals, isocyanates, phthalates and polyvinyl chloride (PVC).
- B. Total System Thickness: 0.394" (10 mm) nominal.
- C. Wear Layer: 3 mill anti-microbial wear layer with hammered finish
- D. Format: Field-assembled multi-layer rolls.
 - 1. Roll width: maximum size rolls to limit joints.
- E. Color: as select by Owner and Architect from manufacturer's standard color palette.
- F. Impact Attributes: Dent, tear, and heavy equipment wear-resistant.

2.03 ACCESSORIES

- A. Provide adhesive certified by Manufacturer: Mondo PU 105 (polyurethane) or equal as recommended by manufacturer of resilient sports floor to satisfy the full warranty.
 - 1. For suitability, recommendations and use please refer to Manufacturer's current printed adhesive guidelines.
- B. Patching Compound: High-strength moisture-resistant cementitious leveling compound as recommended by the flooring manufacturer.
 - 1. Contractor to patch and level new and existing slabs to ensure smooth and even transition in all floor areas between the existing slab and new slab connection.

PART 3 – EXECUTION

3.01 PREPARATION

- A. Concrete Substrates: Prepare according to ASTM F710.
 - 1. Verify that substrates are dry and free of curing compounds, sealers, and hardeners. Remove substrate coatings and other substances that are incompatible with adhesives and that contain paint, grease, soap, wax, oil, or silicone, using mechanical methods recommended by manufacture. Do not use solvents.
- B. Installation of the resilient athletic flooring to be carried out no sooner than the specified curing time of concrete subfloor (normal density concrete curing time is approximately 28 days for development of design strength). Refer to current version of ASTM F710.
- C. Concrete to have smooth, dense finish, and be highly compacted with a tolerance of 1/8" in a 10ft radius.
- D. Moisture and alkalinity tests must be performed on all concrete substrates, under in-service conditions. It is recommended to turn on the HVAC unit prior to performing moisture testing, in order to ensure stable testing conditions and accurate results. It is the responsibility of the Flooring Contractor to perform moisture testing prior to starting the installation.
 - 1. The concrete's surface pH should be between 7 and 10.
 - 2. Relative humidity of the concrete slab must not exceed 85%, in accordance with ASTM F2170 (in situ probes). Moisture vapor emissions from the concrete slab must not exceed the tolerance of the adhesive specified, in accordance with ASTM F1869 (anhydrous calcium chloride).

3. Three test results for the first 1,000 sq. ft. are required, with 1 test result for every 1,000 sq. ft. thereafter.
4. If after 3 rounds of testing the test results are still not within applicable range, the Flooring Contractor is to propose a moisture remediation method acceptable to the Architect.
 - a. NOTE: The total cost of the moisture mitigation will be paid by the Flooring Contractor (at no cost to the Owner), with reimbursement amount calculated by the Construction Manager and Architect once the cause of the moisture testing failures have been determined.
5. Results must be submitted in writing to the Architect prior to start of installation.
- E. Maintain a stable room and subfloor temperature within the recommended range of 65oF to 86oF, 48 hours prior to installation, during the installation, and 48 hours after the installation. Recommended ambient humidity control level is between 35 to 55%.
- F. Prior to installing any product, inspect all materials and notify manufacturer immediately of any defects before adhering product.
- G. Installation of resilient athletic flooring will not commence until the building is enclosed and all other trades have completed their work. Maintain a secure and clean working area before, during and after the installation of the resilient athletic flooring.
 1. The beginning of installation stipulates the acceptance of surface and site conditions.

3.02 INSTALLATION

- A. Rolled Goods:
 1. Prep concrete to receive flooring material in accordance with installation instructions.
 2. Unroll product, inspect and allow to relax before cutting and fitting.
 3. Install rolls of resilient athletic flooring following Manufacturer's current printed guidelines.
 4. Install all accessories following Manufacturer's current printed guidelines.

3.03 CLEANING

- A. Remove all excess and waste materials from the area of work. Dispose of empty containers in accordance with federal and local statutes.
- B. Allow 72 hours for the adhesive to set before cleaning floor.
- C. Clean the indoor resilient surfacing in accordance with the manufacturer's instructions.

END OF SECTION 09 65 66

SECTION 13 34 19 R1
METAL BUILDING SYSTEMS

PART 1 - GENERAL

1.01 REFERENCE STANDARDS

- A. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2025a.
- B. ASTM A1011/A1011M - Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength; 2025.
- C. ASTM B117 - Standard Practice for Operating Salt Spray (Fog) Apparatus; 2026.

1.02 SECTION INCLUDES

- A. Structural layout and architectural criteria for a pre-engineered metal building system.
 - 1. Building Dimensions to match existing: 66'-6" wide x 68'-2" long x 16'-8" eave height with a 1:12 roof slope.
 - 2. Contractor to verify size and slope of existing Weight Room Building
 - 3. Primary and secondary structural steel framing assemblies including 8" depth purlins.
 - 4. BattenLoc structural standing seam roof panels, wall panels, and PBR interior liner panels.
 - 5. Pre-formed soffit panel profiles configured with integral venting arrays.
 - 6. Simple Saver System thermal insulation for the roof.
 - 7. Thermal barrier assembly featuring R-19 fiberglass batt insulation.
 - 8. Fastener design types, configurations, performance constraints, and color-matched finishes.
 - 9. Provide straight columns design refer to drawings for layout and design intent.

1.03 PERFORMANCE REQUIREMENTS

- A. General Structural Performance:
 - 1. The metal building system shall be designed by a qualified professional engineer to withstand all applicable structural loads, wind pressures, thermal movements, and seismic criteria according to local building code requirements.
 - 2. Engineer should refer to existing metal building drawings and existing metal building for alignment, height and size variations between existing conditions and new structure.
Refer to Drawings for Design Intent.
- B. Wind Design Load Requirements:
 - 1. Wind Speed Requirement: 130 mph (3-second gust).
 - 2. Wind Importance Factor (Iw): 1.0.
 - 3. Wind Exposure Category: C.
- C. Seismic Design Parameters:
 - 1. Seismic Importance Factor (Ie): 1.0.
 - 2. Mapped Spectral Response Acceleration at Short Periods (Ss): 0.13.
 - 3. Design Spectral Acceleration at Short Periods (Sds): 0.14.
 - 4. Mapped Spectral Response Acceleration at 1-Second Period (S1): 0.06.
 - 5. Design Spectral Acceleration at 1-Second Period (Sd1): 0.09.
 - 6. Seismic Group Classification: Group I.
 - 7. Geotechnical Site Profile Classification: Site Class D.
 - 8. Seismic Design Category: Category B.

PART 2 - PRODUCTS

2.01 SECONDARY FRAMING MEMBERS

- A. Purlins and Girts:

1. Roll-formed structural steel shapes complying with ASTM A1011/A1011M or ASTM A653/A653M, Grade 55 minimum.
2. Purlin Profile Depth: 8 inches (203.2 mm) nominal depth, pre-punched for structural framing linkages.

2.02 ROOF AND WALL PANEL SYSTEMS

A. Roof Panels (BattenLoc Profile):

1. Type: Structural standing seam profile, mechanically seamed at 180 degrees over floating structural clips.
2. Material: Minimum 24-gauge high-strength structural steel sheet.
3. Finish: Prepainted premium fluoropolymer coating system (PVDF) containing minimum 70% resin finish. Custom color to match existing

B. Wall Panels (PBR Profile):

1. Type: Standard PBR (Pur-Lin Bearing Rib) high-rib structural profile.
2. Material: Minimum 24-gauge high-strength structural steel sheet.
3. Application: Screw-fastened to internal framing faces covering secondary steel members.
4. Finish: Prepainted premium fluoropolymer coating system (PVDF) containing minimum 70% resin finish. Custom color to match existing.

C. Interior Liner Panels (PBR Profile):

1. Type: Standard PBR (Pur-Lin Bearing Rib) high-rib structural profile.
2. Material: Minimum 26-gauge high-strength structural steel sheet.
3. Application: Screw-fastened to internal framing faces covering secondary steel members.
4. Finish: Prepainted premium fluoropolymer coating system (PVDF) containing minimum 70% resin finish. Color: White.

D. Soffit Panels (Vented Configuration):

1. Type: Pre-formed flush or V-groove interlocking soffit panel profiles.
2. Material: Minimum 26-gauge structural steel sheet.
3. Venting Configuration: Provide factory-perforated linear venting arrays integrated into the profile geometry.
4. Net Free Vent Area (NFVA): Minimum 15 sq. inches per linear foot of soffit length to satisfy cross-ventilation calculations.
5. Finish: Prepainted premium fluoropolymer coating system (PVDF) containing minimum 70% resin finish. Custom color to match existing

E. Perimeter Columns

1. Provide straight columns, refer to drawings for design intent.

2.03 FASTENERS AND COMPONENT ATTACHMENTS

A. Primary Roofing and Wall Cladding Fasteners:

1. Type: Premium self-drilling, self-tapping structural screws with an integral carbon steel shank and an incorporated high-strength alloy or stainless-steel capped head design.
2. Material/Finish: High-grade carbon steel core layered with a mechanical or electro-plated zinc-tin coating system to achieve a minimum 1,000-hour salt spray corrosion resistance validation per ASTM B117 standards.
3. Sealing Element: Molded, bonded EPDM synthetic rubber washers securely recessed beneath the fastener cap to seal out ambient moisture and prevent electrolytic corrosion.
4. Exposed Head Finish: Factory-baked thermosetting powder coat finish, precision custom color-matched to the adjacent roof, liner, or soffit panel surface coatings.

B. Fastener Spacing and Patterning Configuration:

1. Structural Liner Panels (PBR Profile): Fasteners must be installed at specified spacings matching engineering calculations based on regional wind uplift coefficients. Screw patterns shall target structural framing members at a max spacing of 12 inches (304.8 mm) on center along internal girts or purlin segments.

2. Roof Standing Seam Components: Hidden clips require internal structural fastening to the 8" purlins using verified self-drilling screws engineered to handle localized negative pressure wind-pull limits.

2.04 ACCESSORIES:

- A. Accessories (i.e., fascia): Standard with metal building system manufacturer, unless otherwise noted and furnished as specified.
- B. Exterior Metal Coating on Gutters, Downspouts, Gable Trim, Flashings, and Eave Trim: 70 percent "Kynar 500" or "Hylar 5000" fluoropolymer (PVDF) coating. Custom Color as selected by Architect to match existing.
- C. Location of Standard Accessories: Indicated on erection drawings furnished by metal building system manufacturer.
- D. Material used in flashing and transition parts and furnished by metal building system manufacturer to match panel material.
 1. Parts: Compatible and not cause corrosive condition.
 2. Copper and Lead Materials: Do not use with Galvalume panels.
- E. Provide "beauty caps" over plumbing penetrations and curbs in metal to match gauge and roof color.

2.05 INSULATION ASSEMBLY

- A. Thermal Barrier Requirements (roof & walls):
 1. Type: R-19 fiberglass batt insulation blanket system.
 2. Facing Material: Code-compliant, reinforced polypropylene-scrim-kraft (PSK) or vinyl vapor retarder backing material featuring an flame-spread index under 25 and smoke-developed rating below 50.
- B. Thermal Barrier Requirements (roof):
 1. Provide "Simple Saver System" as manufactured by Thermal Design on all walls and roof areas.
 2. Simple Saver System consists of Batt Insulation, Vapor Barrier Liner Fabric, Thermal Breaks, Straps, and other devices and components in a proprietary insulation system as follows:
 - a. General:
 - 1) Fiberglass batt or fiberglass blanket complying with ASTM C 665 and ASTM E 84.
 - 2) Batt Size: Equal to purlin/girt spacing by manufacturer's standard lengths.
 - b. Roof Insulation: Fiberglass batt or fiberglass blanket complying with ASTM C 665 and ASTM E 84 with a thermal resistance and thickness as follows:
 - 1) R-25; 8 inches.
 - c. Vapor Barrier Liner Fabric: Syseal 9801 woven fabric, reinforced, high-density polyethylene yarns coated on both sides with a continuous white or colored polyethylene coatings, as follows:
 - 1) Product complies with ASTM C 1136, Types I through Type VI.
 - 2) Perm rating: 0.02 for fabric and for seams in accordance with ASTM E 96.
 - 3) Flame/Smoke Properties:
 - (a) 25/50 in accordance with ASTM E 84.
 - (b) Self-extinguishes with field test using matches or butane lighter.
 - 4) Ultraviolet radiation inhibitor to minimum UVMax rating of 8.
 - 5) Size and seaming: Manufactured in large custom pieces by extrusion welding from roll goods and fabricated to substantially fit defined building area with minimum practicable job site sealing.
 - 6) Provide with factory double, extrusion welded seams. Stapled seams or heat-melted seams are not acceptable due to degradation of fabric.

- 7) Color: White.
- d. Vapor Barrier Lap Sealant: Solvent-based, Simple Saver polyethylene fabric adhesive.
- e. Vapor Barrier Tape: Double-sided sealant tape 3/4 inch wide by 1/32 inch thick.
- f. Vapor Barrier Patch Tape: Single-sided, adhesive backed sealant tape 3 inches wide made from same material as Syseal type liner fabric.
- g. Thermal Breaks:
 - 1) 1/8 inch thick by 3 inch wide white (108 foot rolls), closed-cell polyethylene foam tape with pre-applied adhesive film.
 - 2) Apply to exterior side of all roof purlins and wall girts prior to placement of finished panels.
- h. Straps:
 - 1) 100 KSI minimum yield tempered, high-tensile-strength steel.
 - 2) Size: Not less than 0.020 inch thick by 1 inch by continuous length
 - 3) Galvanized, primed, and painted to match specified finish color on the exposed side.
- i. Fasteners:
 - 1) For heavy gage steel: #12 by 1-1/2 inch plated Tek 4 type screws with sealing washer, painted to match specified color.

PART 3 – EXECUTION

3.1 ERECTION

- A. Framing: Erect structural framing true to line, level and plumb, rigid and secure. Level base plates to a true even plane with full bearing to supporting structures, set with double-nutted anchor bolts. Use a non-shrinking grout to obtain uniform bearing and to maintain a level base line elevation. Moist cure grout for not less than 7 days after placement.
- B. Purlins and Girts: Provide rake or gable purlins with tight fitting closure channels and fascias. Locate and space wall girts to suit door and window arrangements and heights. Secure purlins and girts to structural framing and hold rigidly to a straight line by sag rods.
- C. Bracing: Provide diagonal rod or angle bracing in both roof and sidewalls. Cable or wire rope will not be allowed
- D. Framed Openings: Provide shapes of proper design and size to reinforce opening and to carry loads and vibrations imposed, including equipment furnished under mechanical or electrical work. Securely attach to building structural frame.

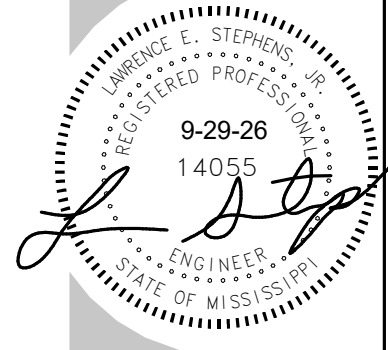
3.2 PROTECTION

- A. Protect installed metal building system to ensure that, except for normal weathering, metal building system will be without damage or deterioration at time of Substantial Completion.
- B. Touch-up: Touch-up abrasions, marks, skips or other defects to shop-primed surfaces with same type material as shop primer.

3.4 FIELD QUALITY CONTROL

- A. Inspect the steel frame and joint details for compliance with the Contract Documents.
 - 1. Verify material identification for structural steel conform to AISC 360 criteria or other specified standards.
 - 2. Member placement
 - 3. Application of joint details at each connection.
 - 4. Bracing and stiffening details.
- B. High Strength Bolting:
 - 1. Verify material identification of bolts, nuts and washers with specified ASTM requirements. Review manufacturer's Certificate of Compliance.
 - 2. Inspect bolted connections according to RCSC's "Specification for Structural Joints Using ASTM A 325 or A 490 Bolts.
 - 3. Visually inspect bolt installation for all of bolted connections for general conformance with the Contract Documents. Confirm that all plies of connected elements have been brought into contact.
- C. Welding:
 - 1. Verify qualifications of welders as AWS certified.
 - 2. Verify material identification of weld filler materials conform to AWS specifications. Review manufacturer's Certificate of Compliance
 - 3. Verify proper weld procedures are being applied.
 - 4. Verify adequate preparation of faying surfaces.
 - 5. Verify preheat and inter-pass temperatures of steel, proper technique and sequence of welding, cleaning and number of passes are provided as required
 - 6. Visually inspect all fillet welds, plug or slot welds for size, length and quality in accordance with AWS D1.1.
 - 7. Shear Stud Connector welds. Inspect size, number, placement and welding of all shear connectors. Visually inspect 100% of installed studs for full 360-degree flash. Ring test all shear connectors with a 3 lb hammer. Test all questionable studs, not showing full 360-degree flash, by bending studs 15 degrees from vertical away from the weld discontinuity in accordance with AWS D1.1. Randomly test all other studs by bending to 15 degrees from vertical.
 - 8. Miscellaneous fasteners. Visually inspect all fasteners for specified size, spacing, embedment and location.

END OF SECTION



REV: DATE / DESCRIPTION:
10-23-26 / SCHEDULES
10-27-26 / DH-1, DH-2, AUX. HEAT

ELEY GUILD HARDY
ARCHITECTS
1091 TOMMY MUNRO DRIVE, BILOXI, MS 39532
228-594.2323
www.egh.ms

NUMBER: 26-028a
DATE: OCT. 1, 2026
DRAWN: JW
CHECKED: LES

M001

HVAC LEGEND

	RECTANGULAR DUCT WITH 2" DUCT WRAP		MANUAL VOLUME DAMPER
	RECTANGULAR DUCT WITH 1" LINER		MOTORIZED VOLUME DAMPER
	ROUND DUCT WITH 2" DUCT WRAP		CEILING DIFFUSER (FLOW DIRECTION INDICATED)
	ROUND DUCT WITH 2" DUCT WRAP		RETURN AIR GRILLE
	FLEX DUCT		THERMOSTAT (CONTROLLER LOCATION)
	SUPPLY DUCT UP		THERMOSTAT (BULB LOCATION)
	SUPPLY DUCT DOWN		EQUIPMENT TAG
	RETURN/EXHAUST DUCT UP		SQUARE ELBOW WITH TURNING VANES - RECT. DUCT
	RETURN/EXHAUST DUCT DOWN		

ABBREVIATIONS

CFM	CUBIC FEET PER MINUTE
□	DIAMETER
RAG	RETURN AIR GRILLE
WG	WALL GRILLE
DG	DOOR GRILLE
CG	CEILING GRILLE
CD	CEILING DIFFUSER
RD	RETURN DIFFUSER
LD	LINEAR DIFFUSER
OSA	OUTSIDE AIR
BD	MANUAL BALANCE DAMPER
MD	MOTORIZED BALANCE DAMPER
AFD	AUTOMATIC FIRE DAMPER

ABBREVIATIONS

CFM	CUBIC FEET PER MINUTE
F/SD	FIRE/SMOKE DAMPER
F	FURNACE
EH	ELECTRIC HEATER
DH	DUCT HEATER
UH	UNIT HEATER
CU	CONDENSING UNIT
HP	HEAT PUMP UNIT
CC	COOLING COIL
FC	FAN COIL
AHU	AIR HANDLING UNIT
CH	CHILLER
B	BOILER

ABBREVIATIONS

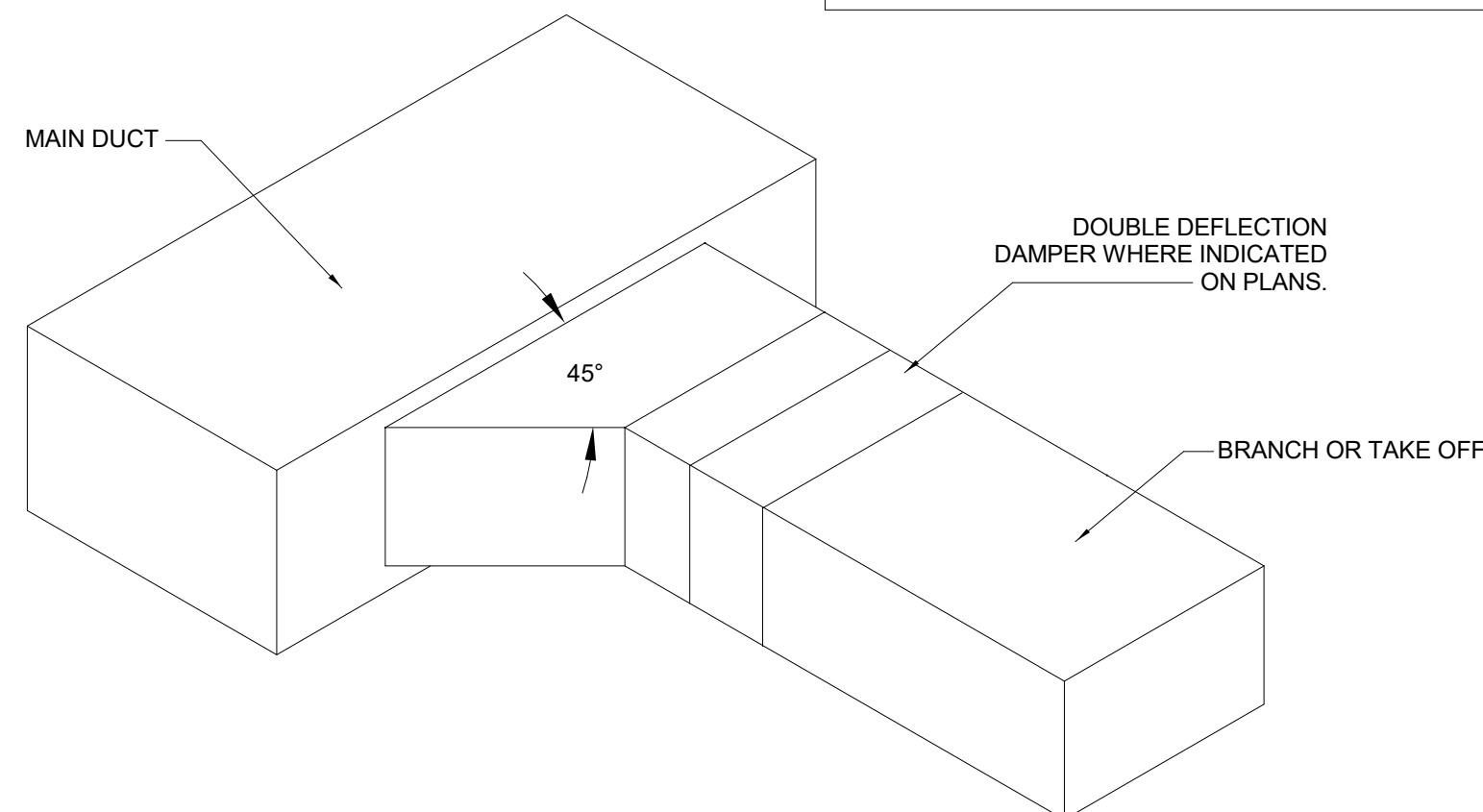
CFM	CUBIC FEET PER MINUTE
EF	EXHAUST FAN
GV	GRAVITY VENTILATOR
P-	PUMP
VFD	VARIABLE FREQUENCY DRIVE
EXIST.	EXISTING
AFF	ABOVE FINISHED FLOOR
TYP.	TYPICAL
REQ'D	REQUIRED
HWS	HOT WATER SUPPLY
HWR	HOT WATER RETURN
CWS	CHILLED WATER SUPPLY
CWR	CHILLED WATER RETURN

HVAC NOTES

1. RECTANGULAR DUCT DIMENSIONS ARE METAL-TO-METAL SIZE. SEE HVAC LEGEND FOR INSULATION TYPE.
2. ROUND DUCT DIMENSIONS ARE METAL-TO-METAL SIZE AND SHALL BE WRAPPED IN 2" INSULATION.
3. EXPOSED ROUND DUCT SHALL BE RIGID SPIRAL DUCT.
4. CONCEALED ROUND DUCT MAY BE SNAP-LOCK. SEAL ALL JOINTS AND SEAMS.
5. CEILING DIFFUSERS SHALL HAVE FOUR-WAY DEFLECTION UNLESS OTHERWISE INDICATED.
6. CENTER GRILLES, DIFFUSERS, REGISTERS, & ZONE UNITS IN LAY-IN CEILING TILES.
7. OUTSIDE A/C UNITS SHALL BE INSTALLED ON HOUSEKEEPING PADS W/ TURNED-DOWN EDGES.
8. SEE SPECIFICATIONS SECTION 15000 FOR APPROVAL OF SUBSTITUTED EQUIPMENT OTHER THAN AS SCHEDULED.

HEAT PUMP SPLIT SYSTEM SCHEDULE

AIR HANDLING UNIT												CONDENSING UNIT - AIR COOLED							
SPECIFICATIONS								ELECTRICAL				UNIT WIRING							
MARK	TYPE	COOLING CAP.	HEATING CAP.	CFM	OA	ESP	AUX. HEAT KW	VOLT.	□	MCA	MOCP	MODEL	MARK	SEER/ EER	VOLT.	□	MCA	OVER CURRENT	MODEL
AHU-1	DUAL CIRCUIT CONVERTIBLE	118,000	105,000	4000	600	0.5	N/A	230	1	14	20	TRANE TWE120K1B	HP-1A	15	230	1	33	50	TRANE 5TWR5060
													HP-1B	15	230	1	33	50	TRANE 5TWR5060
AHU-2	DUAL CIRCUIT CONVERTIBLE	118,000	105,000	4000	600	0.5	N/A	230	1	14	20	TRANE TWE120K1B	HP-2A	15	230	1	33	50	TRANE 5TWR5060
													HP-2B	15	230	1	33	50	TRANE 5TWR5060
NOTES:	1) MIN. SEER SHALL BE ENERGY STAR (OR ASHRAE 90.1)			2) UNITS SHALL USE R-454B REFRIGERANT															
ACCESSORIES: HARDWIRED REMOTE WALL MOUNTED THERMOSTATS, ANTI-SHORT CYCLE TIMER, BIPOLAR IONIZATION UNIT, UV LIGHT, RUBBER ISOLATORS ON AIR HANDLERS 5 TON AND BELOW, STEEL SPRING ISOLATORS ON AIR HANDLERS 6 TON AND ABOVE, MOTORIZED DAMPER FOR OSA, SMOKE DETECTOR IN RETURN PLENUM																			
NOTES: MOTORIZED DAMPER INTERLOCKED WITH COMPRESSOR OF UNIT, SMOKE DETECTOR SHALL SHUT OFF SYSTEM AND CLOSE THE MOTORIZED DAMPER IN THE EVENT OF SMOKE																			
EQUALS: TRANE, LENNOX, YORK, CARRIER																			



RECTANGULAR DUCT TAP SCHEMATIC - ISOMETRIC VIEW

SCALE : N.T.S.

EXHAUST FAN SCHEDULE

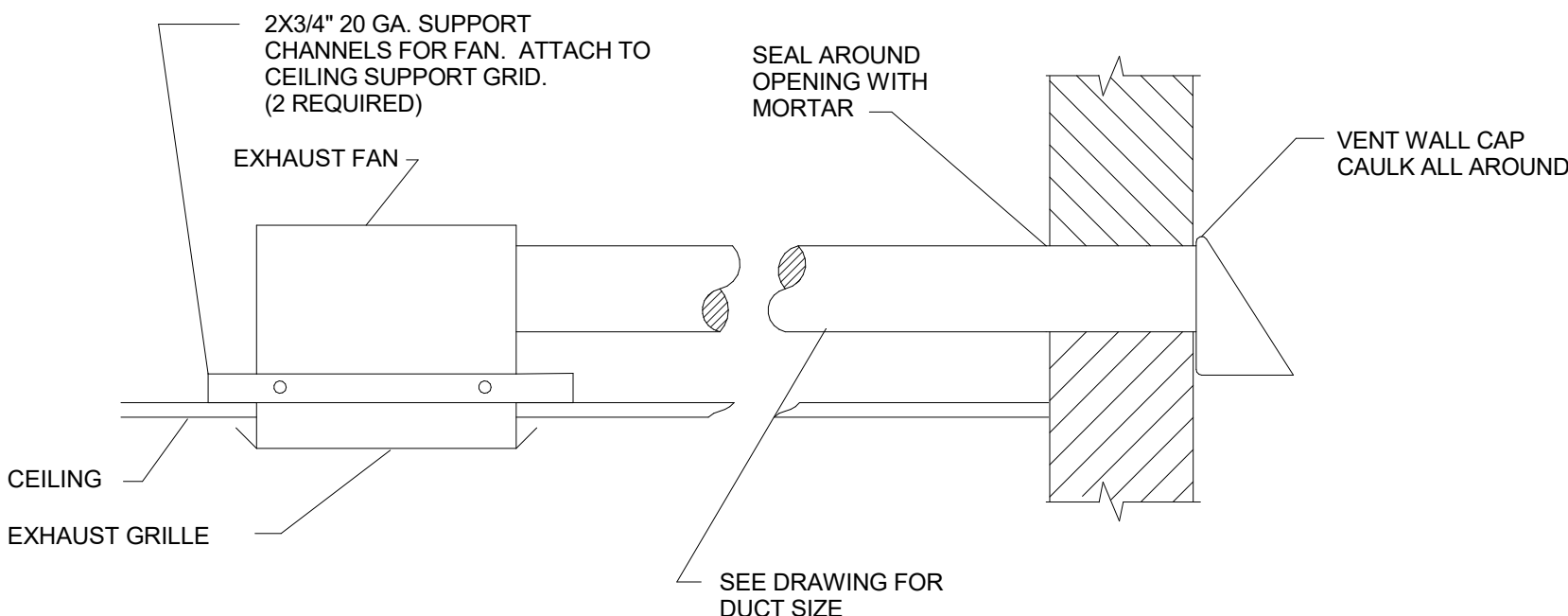
MARK	SERVICE	CFM	SP	TYPE	OPENING	OUTLET	INTERLOCKED	ACCES.	MOTOR HP	VOLT	φ	MODEL
EF-1	RESTROOM	35	0.25"	CEILING	10-5/8" SQUARE	6"□	LIGHTS. SEE ELECTRICAL	ALL	FRAC	115	1	GREENHECK SP-AP0511W
ACCESSORIES: BACKDRAFT DAMPER, DISCONNECT, BIRDSCREEN, WALL CAP, CEILING GRILLE, PLUG AND PLAY MOTION SENSOR, SPEED CONTROLLER												
EQUALS: ACME, PENN, COOK, CARNES												

ELECTRIC DUCT HEATER SCHEDULE

MARK	KW	VOLTS	φ	HEATER STAGES	WIDTH X HEIGHT	MODEL
DH- 1,2	30	240	1	3	24 X 16	GREENHECK IDHB-30KW
ACCESSORIES: BUILT IN T-STAT, BUILT IN CIRCUIT BREAKER, DISCONNECT, MOUNTING HARDWARE						

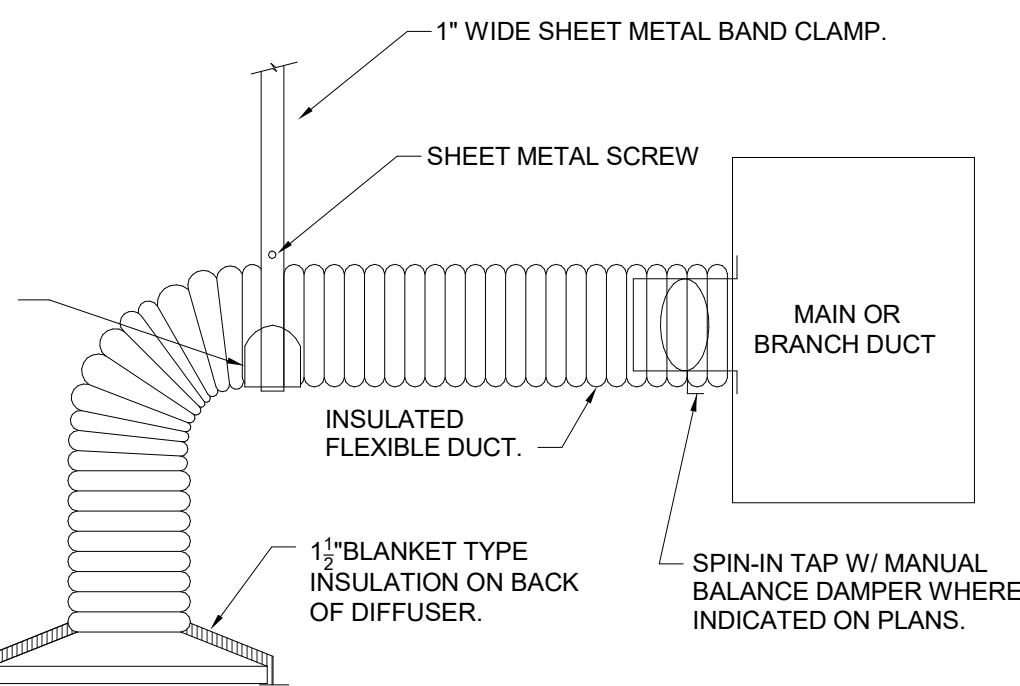
EXHAUST FAN DETAIL

SCALE :NONE



GREENHECK SP-A50 EXHAUST FAN DETAIL

SCALE : N.T.S.

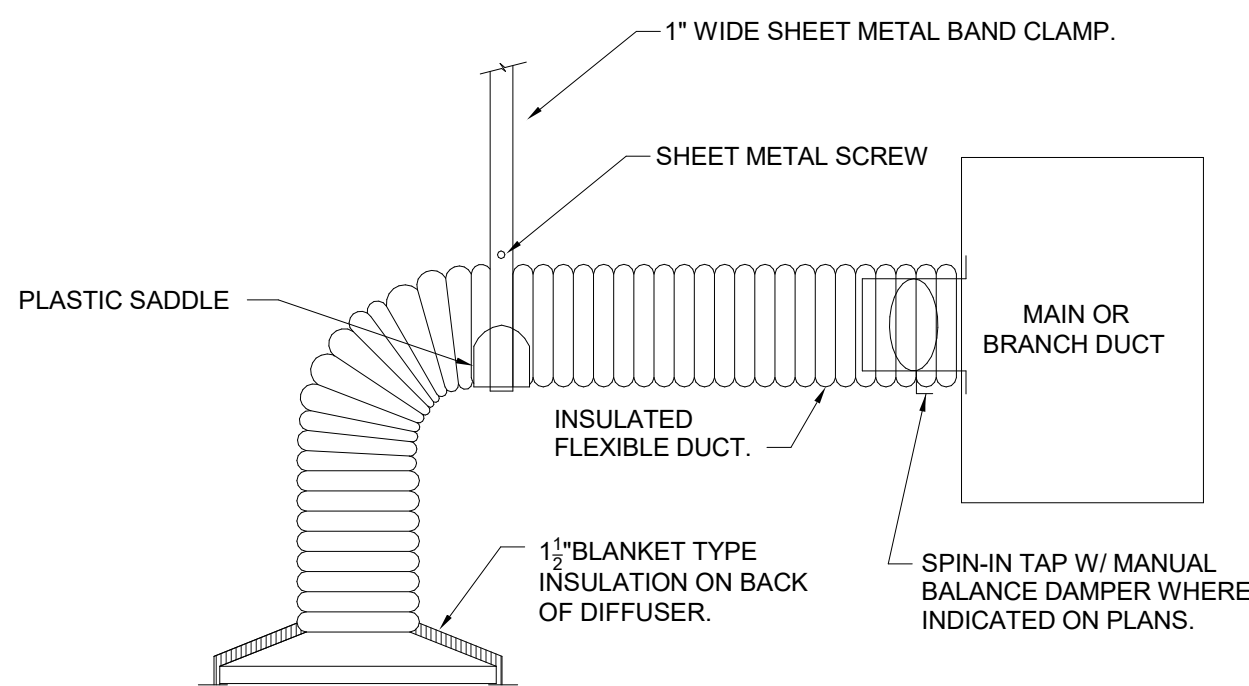


FLEXIBLE DUCT NOTES

1. FLEX DUCT MAX LENGTH 5'-0".
2. SPACE HANGERS SO THAT DUCT SAG IS LESS THAN 1/2" PER FOOT.
3. SECURE FLEX DUCT TO SPIN-IN FITTING AND DIFFUSER WITH GALVANIZED ADJUSTABLE BAND CLAMP WITH CADMIUM PLATED BUCKLE AND SCREW. PLACE BAND CLAMP BETWEEN THE WIRES OF LAST SPIRAL OF THE FLEX DUCT.

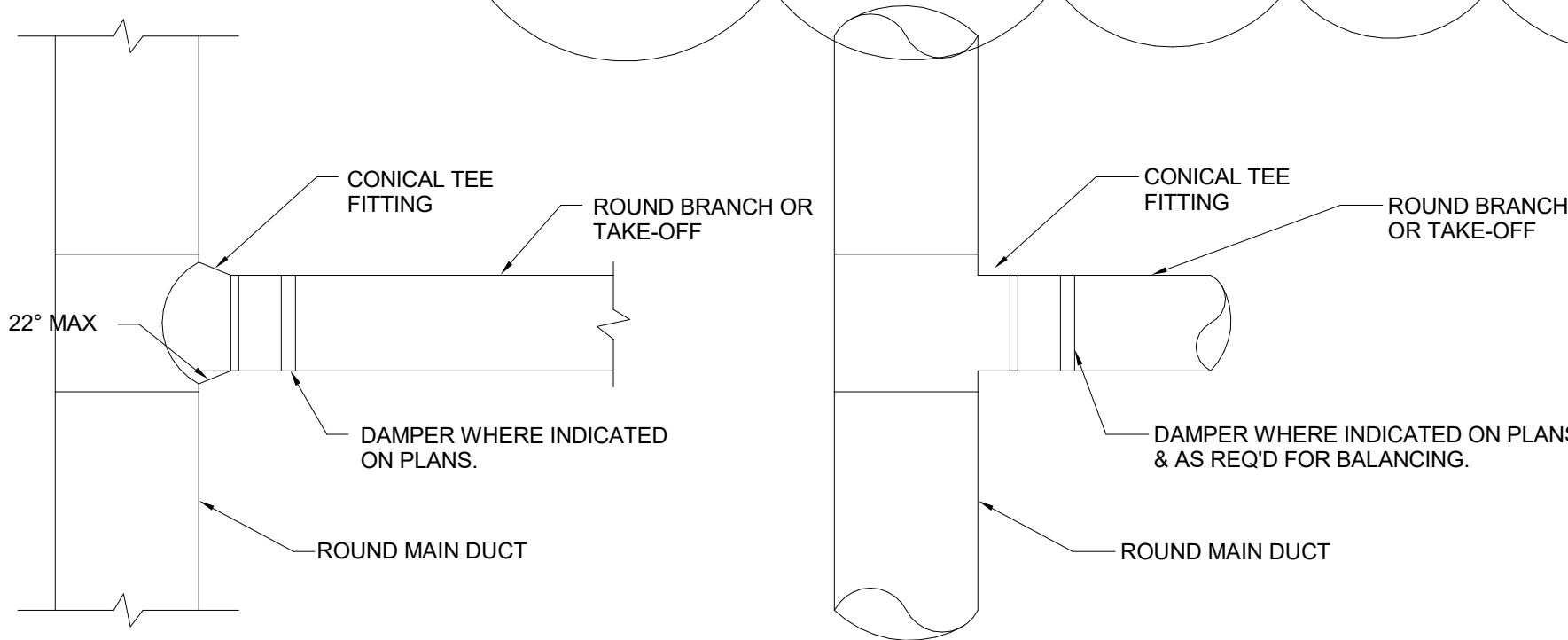
FLEXIBLE DUCT TAP SCHEMATIC ELEVATION VIEW

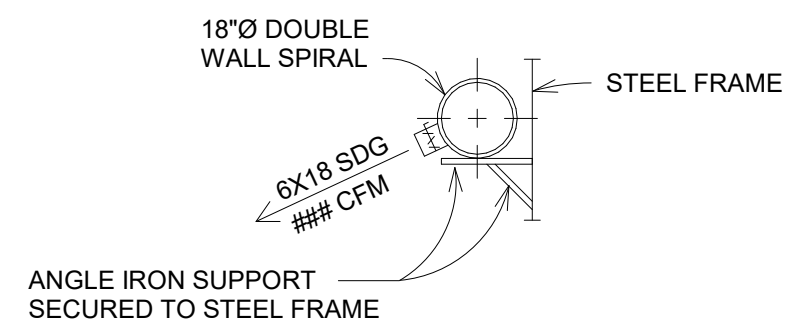
SCALE : N.T.S.



ROUND DUCT TAP SCHEMATIC - PLAN VIEW

SCALE : N.T.S.

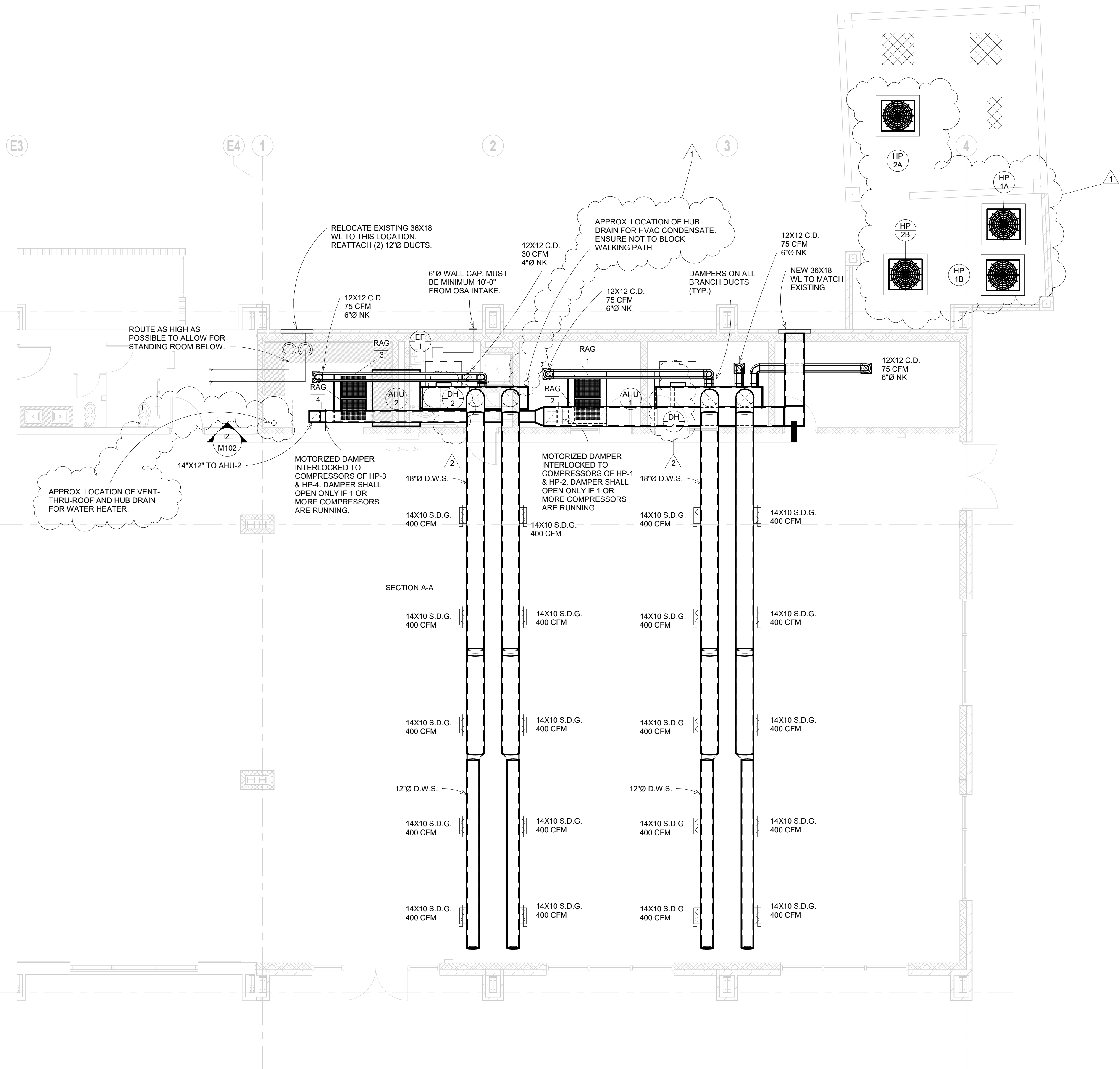




1 SECTION A - A
1/4" = 1'-0"

NOTES :

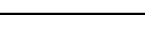
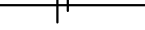
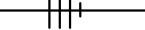
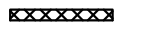
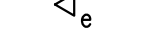
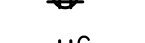
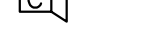
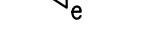
- 1) SEE DUCTWORK IN EXISTING PORTION OF BUILDING. MATCH NEW DUCTWORK, GRILLES, AND COLORS TO EXISTING.
- 2) SUPPORT DUCT IN SAME WAY AS EXISTING DUCTWORK IS SUPPORTED.
- 3) CERTIFIED TEST AND BALANCE COMPANY SHALL PERFORM TEST AND BALANCE ON ALL NEW HVAC SYSTEMS.
- 4) ENSURE OUTDOOR UNITS PLACED AWAY FROM BUILDING TO PREVENT ROOF DRAINAGE FROM DIRECTLY DUMPING ON UNIT.
- 5) DUCTWORK IN EXISTING PORTION OF BUILDING TO BE PAINTED TO MATCH ARCH. COLORS. SEE ARCH.



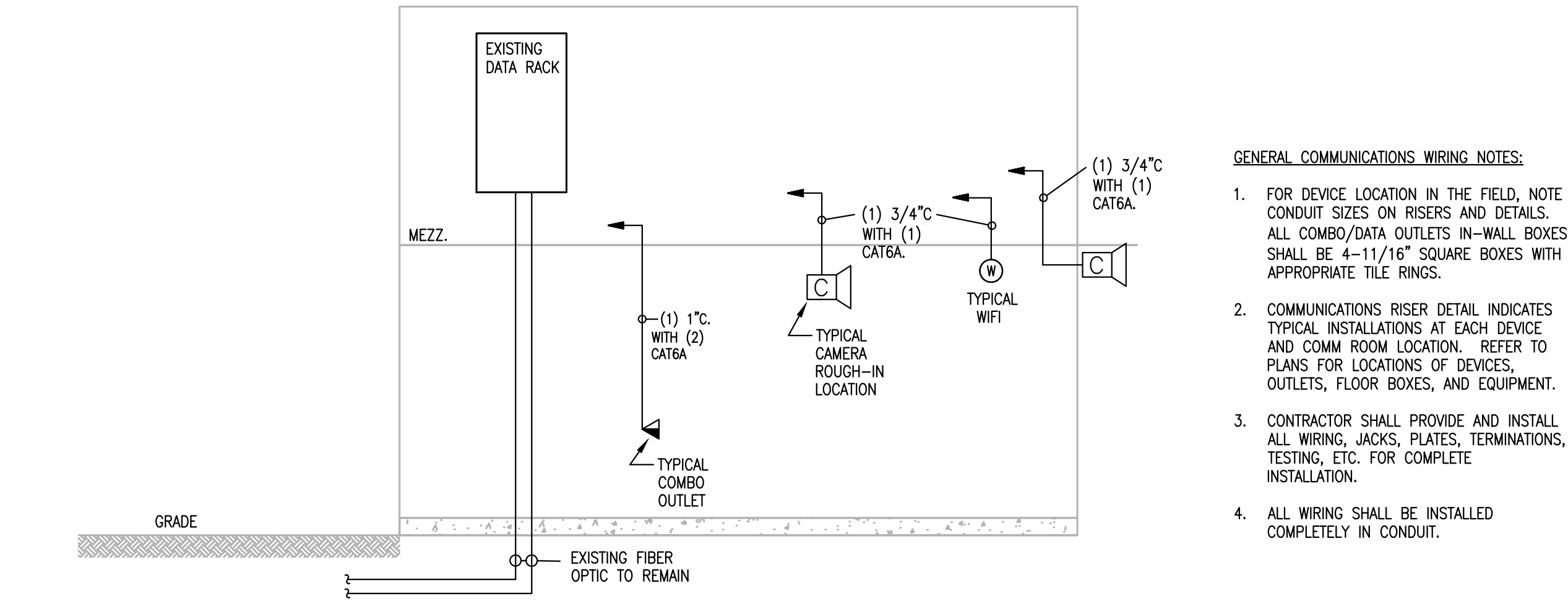
2 HVAC PLAN
3/16" = 1'-0"



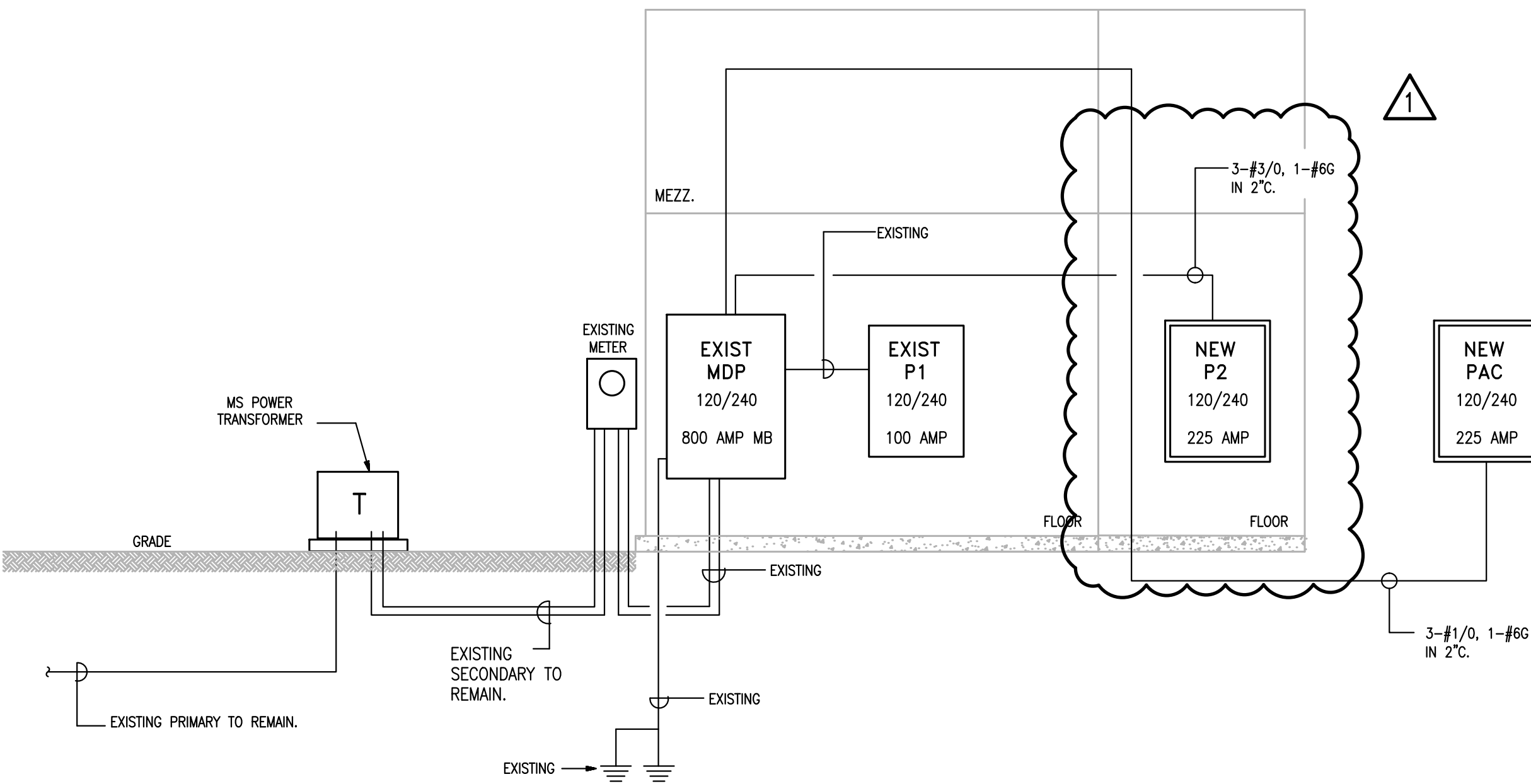
REV: DATE / DESCRIPTION:
10-23-26 / HP RENAMED, NOTES
10-27-26 / DUCT HEATERS

ELECTRICAL LEGEND	
LIGHTING	CONDUIT AND WIRE
 2X4 LAY-IN FIXTURE	 FLEXIBLE CONDUIT, SEALTITE AT WET LOCATIONS
 SUSPENDED, LINEAR FIXTURE	 CONDUIT CONCEALED IN WALL OR ABOVE CEILING
 BATTERY BACKUP EMERGENCY/EGRESS FIXTURE	 CONDUIT BELOW FLOOR OR CONCEALED IN WALL
 BATTERY BACKUP COMBO EMERGENCY/EXIT FIXTURE	 CONDUIT EXPOSED
 WALL MOUNTED FIXTURE	 CIRCUIT CONDUCTORS IN CONDUIT
 EXISTING RECESSED CEILING FIXTURE	 MULTIPLE CIRCUIT CONDUCTORS IN CONDUIT WITH NEUTRALS
	 GROUND CONDUCTORS IN CONDUIT
	 CONDUIT UP
	 CONDUIT DOWN
	 CIRCUIT HOMERUN TO PANEL BOARD. XX-XX DENOTES PANEL NAME AND CIRCUIT NUMBER
	 CONTINUATION OF CONDUIT RUN
SWITCHES	COMMUNICATIONS
 SINGLE POLE SWITCH - 20A, 120/277V, +48" AFF, UNLESS NOTED	 COMBO DATA/TELEPHONE OUTLET +18" AFF, UNLESS NOTED
 THREE WAY SWITCH - 20A, 120/277V +48" AFF, UNLESS NOTED	 TELEPHONE/TELEVISION TERMINAL BOARD 3/4" 4'x8' FIRE RATED PLYWOOD
 FOUR WAY SWITCH - 20A, 120/277V +48" AFF, UNLESS NOTED	 EXISTING DATA OUTLET
 MOTION SENSOR SWITCH, WALL MOUNT 48" AFF	 WIRELESS ACCESS POINT
SWITCHGEAR	DEVICES
 FUSED SAFETY SWITCH NEMA 3R AT WET LOCATIONS	 SINGLE RECEPTACLE - 20A, 120V
 LIGHT AND POWER PANELBOARD	 DUPLEX RECEPTACLE - 20A, 120V
 DISTRIBUTION PANELBOARD	 QUADRAPLEX RECEPTACLE - 20A, 120V
 TRANSFORMER	 GFI DUPLEX RECEPTACLE - 20A, 120V
 WATER HEATER ELECTRICAL CONNECTION	 GFI, WEATHER RESISTANT DUPLEX RECEPTACLE - 20A, 120V WITH IN-USE WEATHERPROOF COVER
 EX. FAN ELECTRICAL CONNECTION	 EXISTING SINGLE RECEPTACLE
 AIR-HANDLER UNIT ELECTRICAL CONNECTION	
 CONDENSING UNIT ELECTRICAL CONNECTION	
	MOUNT ALL DEVICES AT +18" AFF, UNLESS NOTED OTHERWISE.
	* - DEVICES MOUNTED ABOVE COUNTER HEIGHTS SHALL BE 6" ABOVE BACKSPASH.
	SPECIAL SYSTEMS
	 SECURITY CAMERA
	 EXISTING SECURITY CAMERA

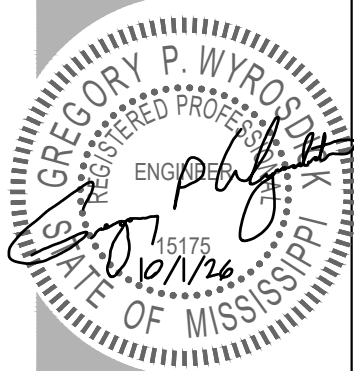
LUMINAIRE SCHEDULE					
MARK	LAMPS	MOUNTING	DESCRIPTION	MANUFACTURER	EQUALS
F1	LED	RECESSED CEILING	LED, 2x4 LAY-IN TROFFER, FLAT PANELS	LITHONIA CPANL-2X4-ALO6-SWW7-M2	OR EQUAL
EM1	LED	WALL/CEILING	EMERGENCY/EGRESS FIXTURE	ISOLITE BUG-3W-WH-MB-SD	OR EQUAL
EM2	LED	WALL/CEILING	EMERGENCY/EGRESS FIXTURE	ISOLITE BUG-6W-WH-MB-SD	OR EQUAL
L4	LED	SUSPENDED; VERIFY	LED, 4' LINEAR DIRECT / INDIRECT	PEERLESS PRPID-LSL-MSL4-90CRI-PROR-I600LMF-1200LMF-120-SCT-72A-C099-CTEP-MCS	OR EQUAL
L8	LED	SUSPENDED; VERIFY	LED, 8' LINEAR DIRECT / INDIRECT	PEERLESS PRPID-LSL-MSL8-90CRI-PROR-I600LMF-1200LMF-120-SCT-72A-C099-CTEP-MCS	OR EQUAL
S1	LED	SURFACE/STRUCTURE	LED, 4' STRIP FIXTURE	LITHONIA ZL1D-L48-SMR-3000LM-FST-MVOLT-35K-80CRI-WH	OR EQUAL
XE	GREEN LED	WALL/CEILING	COMBO EXIT/EMERGENCY EGRESS - 1 SIDE - WHITE HOUSING	ISOLITE RLP-G-U-BK-MTEB-SD	OR EQUAL
W1	LED	WALL; VERIFY	LED, EXTERIOR WALL PACK, W/ PHOTOCELL	LITHONIA WDGE2-P5-40K-80CRI-RFT-MVOLT-SRM-AWS-FINISH	OR EQUAL
W1E	LED	WALL; VERIFY	LED, EXTERIOR WALL PACK, W/ PHOTOCELL, W/ EMERGENCY	LITHONIA WDGE2-P5-40K-80CRI-RFT-MVOLT-SRM-AWS-E20WC-PE-FINISH	OR EQUAL
W2	LED	WALL; VERIFY	LED, EXTERIOR WALL	LITHONIA WDGE3-P4-40K-80CRI-RFT-MVOLT-SRM-AWS-FINISH	OR EQUAL
NOTE: LUMINAIRES WITH "E" DESIGNATION SHALL HAVE INTEGRAL EMERGENCY BALLAST. CONNECT EMERGENCY BALLAST ONLY AHEAD OF ANY SWITCHING. NORMAL BALLAST TO BE SWITCHED AS INDICATED, UNLESS NOTED OTHERWISE.					

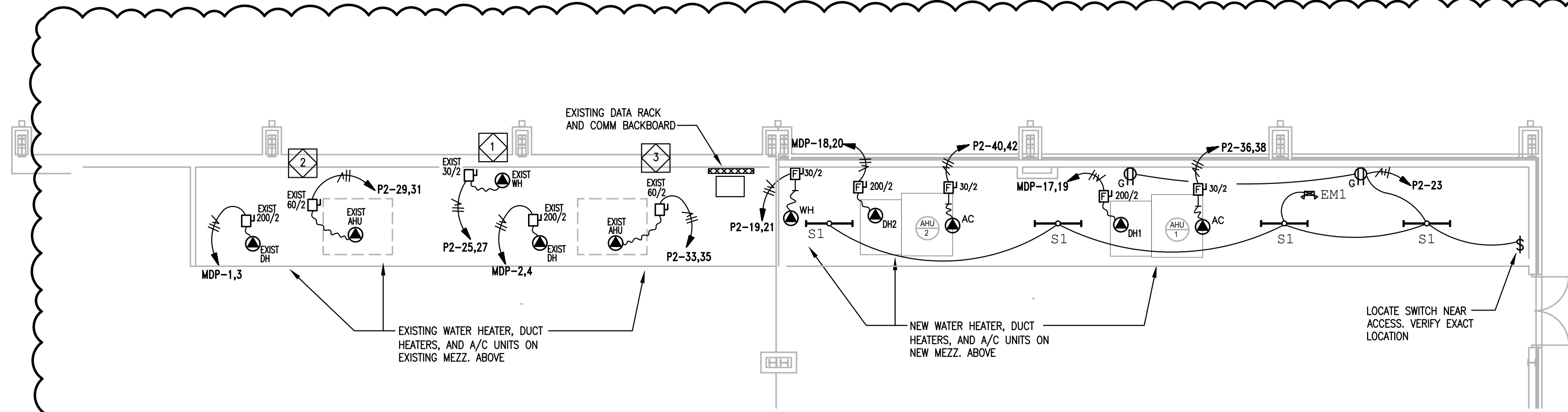


1 COMMUNICATIONS DETAIL
E-000 SCALE: NONE



2 ONE-LINE DIAGRAM
E-000 SCALE: NONE

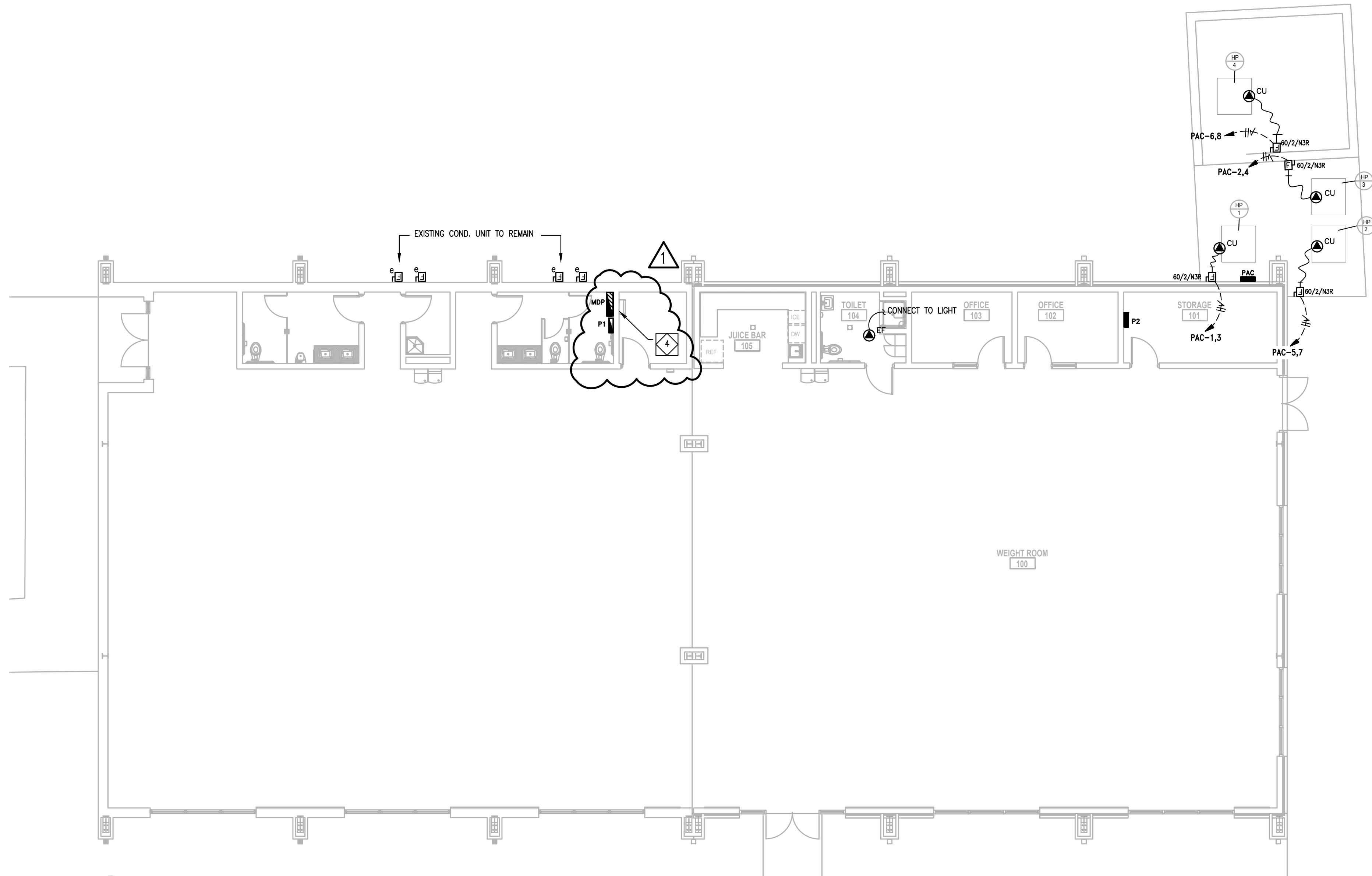




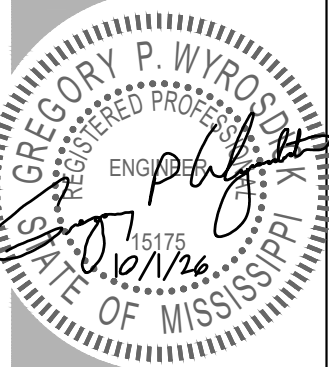
1 MEZZANINE ELECTRICAL PLAN
E-203 SCALE: 1/8" = 1'-0"

SPECIFIC NOTES (THIS SHEET):

- 1 DEMO EXISTING HOMERUN CIRCUIT FOR EXISTING WATER HEATER TO PANEL "MDP". INSTALL CIRCUIT TO PANEL "P2" AS NOTED.
- 2 DEMO EXISTING HOMERUN CIRCUIT FOR EXISTING AHU #1 TO PANEL "MDP". INSTALL NEW CIRCUIT TO PANEL "P2" AS NOTED.
- 3 DEMO EXISTING HOMERUN CIRCUIT FOR EXISTING AHU #2 TO PANEL "MDP". INSTALL NEW CIRCUIT TO PANEL "P2" AS NOTED.
- 4 REMOVE EXISTING 30A/2P WATER HEATER BREAKER AND (2) EXISTING 40A/2P AHU BREAKERS TO ALLOW FOR INSTALLATION OF NEW BREAKERS



2 MECHANICAL SYSTEMS PLAN
E-203 SCALE: 1/8" = 1'-0"



EXISTING PANEL		BUSS: 800 AMP	VOLT: 120/240V, 1 PHASE, 3 WIRE						AIC RATING: 42,000			
MDP		MAINS: 800 AMP M.B.	MOUNT: SURFACE, NEMA 1						LOCATION: ROOOM 105			
CKT.	BKR.	DESCRIPTION	FEEDER	LOAD (AMPS)		LOAD (AMPS)		FEEDER	DESCRIPTION	BKR.	CKT.	
				A	B	A	B					
1	175/2E	DUCT HEATER 1 (EXIST)	EXISTING	100		100		EXISTING	DUCT HEATER 2 (EXIST)	175/2E	2	
3					100		100				4	
5	150/2E	SCORE BOARD PANEL (EXIST)	EXISTING	50		74		EXISTING	PANEL "P1" (EXIST)	100/2E	6	
7					50		60.5				8	
9	50/2E	COND. UNIT AHU1-1 (EXIST)	EXISTING	34		34		EXISTING	COND. UNIT AHU2-1 (EXIST)	50/2E	10	
11					34		34				12	
13	50/2E	COND. UNIT AHU1-2 (EXIST)	EXISTING	34		34		EXISTING	COND. UNIT AHU2-2 (EXIST)	50/2E	14	
15					34		34				16	
17	175/2N	DUCT HEATER 1 (NEW)	3-2/0, 1-6G	125		125		3-2/0, 1-6G	DUCT HEATER 2 (NEW)	175/2N	18	
19					125		125				20	
21	150/2N	PANEL "PAC" (NEW)	3-1/0, 1-6G	100		153.5		3-3/0, 1-6G	PANEL "P2" (NEW)	200/2N	22	
23					100		155				24	
				443.0	443.0	520.5	508.5					
NOTES: 1. "E" = EXISTING BREAKER 2. "N" = NEW BREAKER 3. INSTALL BREAKER KITS AS REQUIRED. 4. PANEL IS EATON POW-R-LINE "PRL4"			CONNECTED LOADS PER PHASE					A phase	963.5	amps		
								B phase	951.5	amps		
			DEMAND LOADS PER PHASE					A phase	578.1	amps		
								B phase	570.9	amps		

EXISTING PANEL		BUSS: 100 AMP		VOLT: 120/240V, 1 PHASE, 3 WIRE				AIC RATING: 10,000			
P1		MAINS: MLO		MOUNT: SURFACE, NEMA 1				LOCATION: ROOOM 105			
CKT.	BKR.	DESCRIPTION	FEEDER	LOAD (AMPS)		LOAD (AMPS)		FEEDER	DESCRIPTION	BKR.	CKT.
				A	B	A	B				
1	20/1E	LIGHTS-WEIGHT ROOM	2-12, 1-12G	11.5		6		2-12, 1-12G	RECEPT-WT ROOM EAST	20/1E	2
3	20/1E	LIGHTS-WEIGHT ROOM	2-12, 1-12G		13	6		2-12, 1-12G	RECEPT-WT ROOM SOUTH	20/1E	4
5	20/1E	LIGHTS-RR/STORAGE/JANITOR	2-12, 1-12G	6		6		2-12, 1-12G	RECEPT-WT ROOM WEST	20/1E	6
7	20/1E	LIGHTS-EMER/EGRESS	2-12, 1-12G		3		7.5	2-12, 1-12G	RECEPT-WT RM NORTH/ENTRY	20/1E	8
9	20/1E	LIGHTS-FRONT ENTRANCE/WALL	2-12, 1-12G	7		7.5		2-12, 1-12G	RECEPT-RR/HALLS	20/1E	10
11	20/1E	LIGHTS-HIGH WALL	2-12, 1-12G		4		3	2-12, 1-12G	RECEPT-MEZZANINE	20/1E	12
13	20/1E	LIGHTS-EXTERIOR POLE	2-8, 1-10G	6		6		2-12, 1-12G	RECEPT-EDF	20/1E	14
15	20/1E	SECURITY CAMERA	2-12, 1-12G		3		6	2-12, 1-12G	RECEPT-EDF	20/1E	16
17	20/1E	TELECOMM BACKBOARD "TCB"	2-12, 1-12G	6		3		2-12, 1-12G	EXHAUST FANS	20/1E	18
19	20/1E	AUTOMATIC DOORS	2-12, 1-12G		6		3	2-12, 1-12G	RECEPT-WP EXTERIOR	20/1E	20
21	20/1E	SPARE				3		2-12, 1-12G	RECEPT-WP EXTERIOR	20/1E	22
23	20/1E	SPARE					3	2-12, 1-12G	RECEPT-WP EXTERIOR	20/1E	24
25	20/1E	SPARE				3		2-12, 1-12G	RECEPT-WP EXTERIOR	20/1E	26
27	20/1E	SPARE					3	2-12, 1-12G	RECEPT-WP EXTERIOR	20/1E	28
29	20/1E	SPARE				3		2-12, 1-12G	AHU SHUTDOWN	20/1E	30
				36.5	29.0	37.5	31.5				
			CONNECTED LOADS PER PHASE				A phase		74.0	amps	
							B phase		60.5	amps	

NEW PANEL		BUSS: 225 AMP	VOLT: 120/240V, 1 PHASE, 3 WIRE						AIC RATING: 10,000			
P2		MAINS: MLO	MOUNT: SURFACE, NEMA 1						LOCATION: STORAGE 101			
CKT.	BKR.	DESCRIPTION	FEEDER	LOAD (AMPS)		LOAD (AMPS)		FEEDER	DESCRIPTION	BKR.	CKT.	
				A	B	A	B					
1	20/1	EXTERIOR LIGHTS	2-12, 1-12G	3		7.5		2-12, 1-12G	RECEPTACLES (WEIGHT ROOM)	20/1	2	
3	20/1	LIGHTS (STORAGE,OFFICE,JUICE)	2-12, 1-12G		4		6	2-12, 1-12G	RECEPTACLES (WEIGHT ROOM)	20/1	4	
5	20/1	LIGHTS (WEIGHT ROOM)	2-12, 1-12G	9		4.5		2-12, 1-12G	RECEPTACLES (OFFICE)	20/1	6	
7	20/1	LIGHTS (WEIGHT ROOM)	2-12, 1-12G		9		4.5	2-12, 1-12G	RECEPTACLES (OFFICE)	20/1	8	
9	20/1	ICE MACHINE	2-12, 1-12G	3		3		2-12, 1-12G	RECEPTACLES (STORAGE)	20/1	10	
11	20/1G	DISHWASHER	2-12, 1-12G		10		1.5	2-12, 1-12G	RECEPTACLES (JUICE BAR)	20/1	12	
13	20/1	REFRIGERATOR	2-12, 1-12G	3		6		2-12, 1-12G	ELEC DRINKING FOUNTAINS	20/1G	14	
15	20/1	RECEPTACLES (WEIGHT ROOM)	2-12, 1-12G		3		6	2-12, 1-12G	RECEPTACLES (WEIGHT ROOM)	20/1	16	
17	20/1	RECEPTACLES (WEIGHT ROOM)	2-12, 1-12G	6		4.5		2-12, 1-12G	RECEPTACLES (WEIGHT ROOM)	20/1	18	
19	30/2	WATER HEATER	2-10, 1-10G		18		6	2-12, 1-12G	RECEPTACLES (WEIGHT ROOM)	20/1	20	
21				18		6	2-12, 1-12G	RECEPTACLES (WEIGHT ROOM)	20/1	22		
23	20/1	MEZZ. LIGHTS & REC.	2-12, 1-12G		4		3	2-12, 1-12G	RECEPTACLES (JUICE BAR)	20/1	24	
25	30/2	WATER HEATER (EXISTING)	2-10, 1-10G	18					SPARE	20/1	26	
27					18				SPARE	20/1	28	
29	40/2	AIR HANDLING UNIT AHU1 (EXIST)	2-8, 1-10G	17					SPARE	20/1	30	
31					17				SPARE	20/1	32	
33	40/2	AIR HANDLING UNIT AHU2 (EXIST)	2-8, 1-10G	17					SPARE	20/1	34	
35					17		14	2-10, 1-10G	AIR HANDLING UNIT AHU1 (NEW)	30/2	36	
37	20/1	SPARE			14		38					
39	20/1	SPARE				14	2-10, 1-10G	AIR HANDLING UNIT AHU2 (NEW)	30/2	40		
41	20/1	SPARE				14				42		
				94.0	100.0	99.5	55.0					
G = GFCI BREAKER			CONNECTED LOADS PER PHASE						A phase	153.5	amps	
									B phase	155.0	amps	

NEW PANEL		BUSS: 225 AMP		VOLT: 120/240V, 1 PHASE, 3 WIRE				AIC RATING: 22,000			
PAC		MAINS: MLO		MOUNT: SURFACE, NEMA 3R				LOCATION: EXTERIOR BLDG			
CKT.	BKR.	DESCRIPTION	FEEDER	LOAD (AMPS)		LOAD (AMPS)		FEEDER	DESCRIPTION	BKR.	CKT.
				A	B	A	B				
1	50/2	HP-1 (CONDENSING UNIT)	2-8, 1-10G	25		25		2-8, 1-10G	HP-3(CONDENSING UNIT)	50/2	2
3					25		25				4
5	50/2	HP-2 (CONDENSING UNIT)	2-8, 1-10G	25		25		2-8, 1-10G	HP-4 (CONDENSING UNIT)	50/2	6
7					25		25				8
9	20/1	SPARE									10
11	20/1	SPARE									12
13	20/1	SPARE									14
15	20/1	SPARE									16
				50.0	50.0	50.0	50.0				
			CONNECTED LOADS PER PHASE					A phase	100.0	amps	
								B phase	100.0	amps	



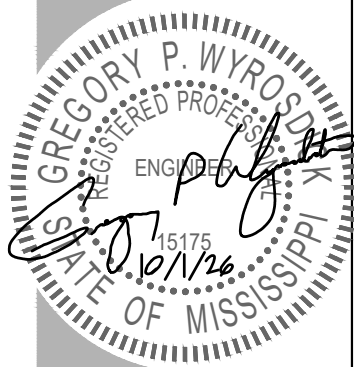
NUMBER: 26-028a
DATE: OCT 1, 2026
DRAWN: GMV
CHECKED: GW

E301R



ELECTRICAL PANEL SCHEDULES

MGCCC - ATHLETIC PERFORMANCE ADDITION



REV: 1
DATE / DESCRIPTION: 10/27/26-ADDENDUM NO. 3

ELEY GUILD HARDY ARCHITECTS
1091 TOMMY MUNRO DRIVE, BILOXI, MS 39532
228.694.2323
www.egh.ms

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