



RANDY M. GOODLOE, AIA, APAC
A Professional Architectural Corporation

February 25, 2022

Project: Barbe – Gyms & Cafeteria Repairs, Modular Installation

725 KIRBY ST.
LAKE CHARLES
LA, 70601

OFFICE
(337) 436-3036

FAX
(337) 436-3773

Addendum No. 4

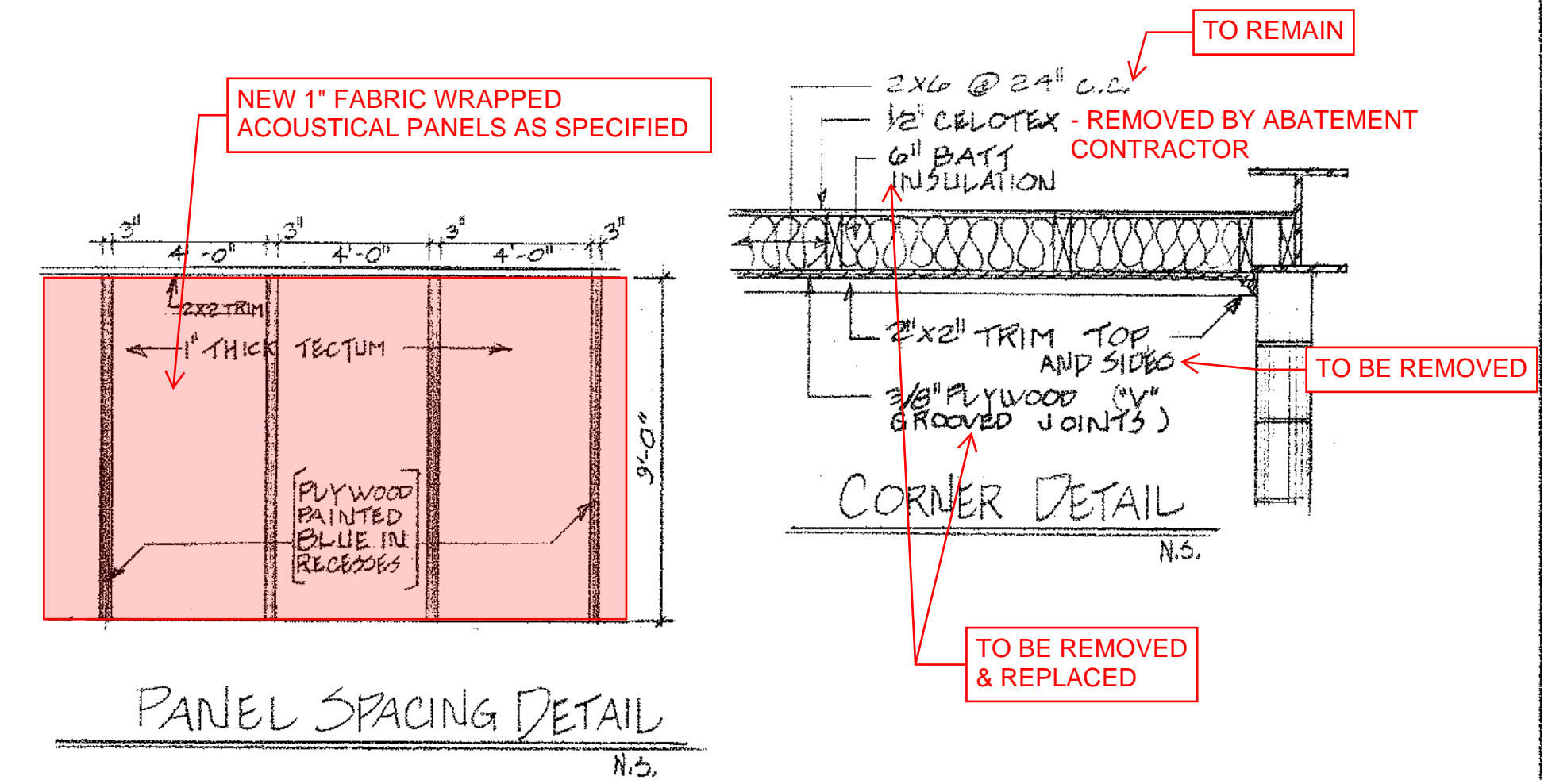
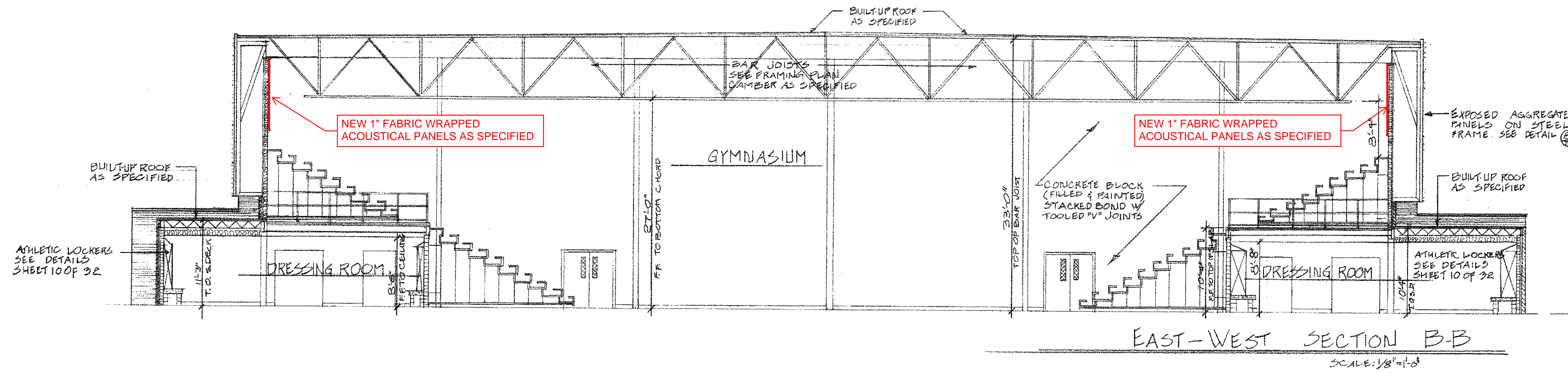
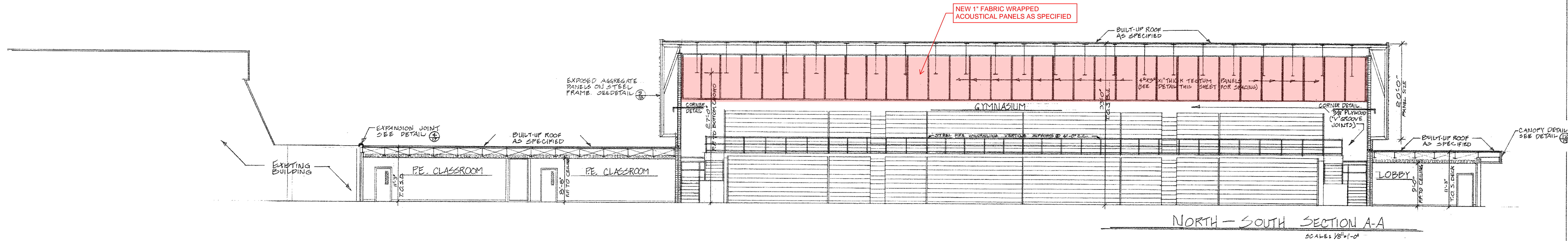
Note: This addendum shall become part of the contract and contract documents and the contractor shall be responsible for each item included in this addendum.

- Item No. 1 - Acoustical panels in Boys gym. East and west walls. See attached reference interior elevations for fabric wrapped acoustical wall panels in Building M – Boys Gym.
- Item No. 2 - See attached revised specification 09 84 33 Fabric Wrapped Acoustical Wall Panels.
- Item No. 3 - Clarification – Sheet A-002, details for interior metal panel on the interior side of the sloped wall on Building J – these are to be prefinished acoustical metal baffles with insulation as specified. Field painting is not required.
- Item No. 4 - See attached specification 09 80 00 Acoustical Metal Baffles.
- Item No. 5 - Eastern Metal Supply is accepted as an approved manufacturer of 10 73 16 Post Supported Canopies, subject to compliance with requirements of Contract Documents & Specifications.
- Item No. 6 - Clarification – Building M – Weight Room roof is not acoustical metal deck. Refer to S-1 for metal decking requirements.
- Item No. 7 - See attached specification 07 13 26 Self Adhering Sheet Waterproofing.
- Item No. 8 - See attached specification 07 42 13.53 Metal Soffit Panels.
- Item No. 9 - See attached revised detail 6 of sheet A-001.
- Item No. 10 - See attached revised sheets A-OP00-A-OP08.
- Item No. 11 - Delete sheets A-OP11 and A-OP12 from this project.

- Item No. 12 - Contractor is responsible for moving furnishing from construction areas. Contractors option to relocate and protect in areas of existing buildings or provide climatized storage units.
- Item No. 13 - Clarification – Linear Metal Ceilings do require sound absorbent insulation above. The system must achieve the NRC .70 rating.
- Item No. 14 - Clarification – where there are conflicts regarding sizes of framing members, Structural drawings will overrule Architectural details.
- Item No. 15 - Question: Detail 6 A-001 above the existing 24 WF 68 steel beam it calls for the existing Tectum between joist to be removed and replaced. Need a clarification if this is part of the Tectum roofing system or is it part of the Tectum wall panel system.
- Response: The entire Tectum Roof system in the Boys Gym area is to be removed and replaced as specified in the Architectural & Structural Drawings. Tectum wall panels are a separate item. See revised details this addendum.
- Item No. 16 - Question: Please confirm if existing metal stud framing is used or will new metal stud framing be required at detail 4 & 6 A-001. The structural drawing S-3 calls for new metal stud wall framing (600S162-54). Also @ detail 1 S-3, can the 12-gauge clip shown welded to the existing C6 Channel be fastened to C6 channel with powder actuated fasteners in lieu of welding?
- Response: New metal stud framing will be required as detailed on Sheet S-3 in the Boys Gym area. Disregard notes stating existing studs to be re-used in Architectural drawings.
- Item No. 17 - Question: At detail 3 A-002 it calls for new 3 5/8” 18 gauge studs @ 24” o.c. (slopped framing) The structural drawing 3 S-1 calls for 600S200-54 @ 16” o.c... Please advise if we use the structural drawings details?
- Response: Disregard the 3 5/8” metal stud sizing on detail 3/A-002 within the Girls Gym area. Contractor to install new studs as detailed in sheet S-1.
- Item No. 18 - Contact for bleacher repairs: Insight Inc., Jeff Barbe 225-907-8515, jeff@insightinc.work
- Item No. 19 - See attached items regarding Abatement package.

- Item No. 20 - ESSI Acoustical Products Company is accepted as an approved manufacturer of 09 84 33 Fabric Wrapped Acoustical Wall Panels, subject to compliance with requirements of Contract Documents & Specifications.
- Item No. 21 - CertainTeed is accepted as an approved manufacturer of 09 54 23 Linear Metal Ceilings, subject to compliance with requirements of Contract Documents & Specifications.
- Item No. 22 - Room H118 – remove and replace suspended acoustic ceiling with 6” 18ga. Steel studs @ 16” o.c. running east and west, with 1 ½” hat channel @ 24” o.c. running north and south with metal soffit panels as specified.
- Item No. 23 - Sheet A-302, detail 2, keynote 16 is to read – Soffit panel replacement: remove and replace with 1 ½” hat channel @ 24” o.c. running north and south with metal soffit panels as specified.
- Item No. 24 - See attached items from Associated Design Group.

End of Addendum No. 4



BUILDING M - BOYS GYM INTERIOR ELEVATIONS (REFERENCE ONLY)

SECTION 09 84 33 - FABRIC WRAPPED ACOUSTICAL WALL PANELS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Fabric wrapped acoustical wall panels and accessories for wall installation.

1.2 REFERENCES

- A. American Society for Testing and Materials (ASTM)
 - 1. ASTM E84: Standard Test Method for Surface Burning Characteristics of Building Materials.
 - 2. ASTM C423: Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method.
 - 3. ASTM E795: Standard Practices for Mounting Test Specimens During Sound Absorption Tests
- B. International Code Council (ICC)
 - 1. ICC IBC: International Building Code

1.3 SUBMITTALS

- A. Product Data: Manufacturer's data sheet and installation instructions.
- B. Samples: Submit, at minimum, a 4" x 4" sample for each type of specified acoustical panel.
- C. Test Reports: Upon request, submit certified test reports to verify specified product performance.

1.4 QUALITY ASSURANCE

- A. Qualifications:
 - 1. Manufacturers: Provide acoustical wall panels from a single manufacturer.
 - 2. Installers: Utilize an installer having demonstrated experience on projects of comparable size and complexity.
- B. Performance Requirements:
 - 1. Surface Burning Characteristics: Acoustical panels to perform as specified when tested in accordance with ASTM E84. Acoustical panel surface burning performance should comply with the International Building Code and other local building code requirements.
 - 2. Acoustical Characteristics: Acoustical panels to perform as specified when tested in accordance with ASTM C423.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Storage and Handling Requirements:

1. Handle panels carefully to avoid any damage.
2. Store panels indoors in a clean, cool, dry place, and out of direct sunlight.
3. Store panels in a space where the ambient temperature and humidity conditions are being maintained at the levels indicated for the project when occupied for its intended use.

1.6 SITE CONDITIONS

A. Ambient Conditions:

1. Maintain ambient temperature and humidity conditions at levels indicated for the project when occupied for its intended use.
2. Do not install products under environmental conditions outside manufacturer's recommended limits.

B. Existing Conditions: Do not install wall panels until space is enclosed and weather proofed, and wet work is completely dry.

1.7 WARRANTY

- A. Provide manufacturer's written product warranty per Section 01 77 00 – Closeout Procedures.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Sound Quality – S-2100 High-Impact
- B. ColorSonix Wall Panels – 1818F-1060-ZIN High Impact

2.2 DESCRIPTION

A. Fabric wrapped acoustical wall panels

B. Product Options:

1. Panel Composition: Fiberglass core with hardened edges and high impact fiberglass, wrapped with acoustically transparent fabric facing
2. Panel Density: 6lb pcf
3. Panel Thickness: 1 1/8"
4. Panel Size: (Custom up to 4' x 10' – match existing)
5. Edge Profile: Square
6. Finish: Fabric covered.
 - a. Guilford & Maine – FR701 2100
 - b. Color – as selected from manufacturer's full range, excluding white.

7. Mounting Method: adhesive and impaling clips

C. Product Performance:

1. Acoustical Performance

a. Noise Reduction Coefficient (NRC) per ASTM C423

Thickness	1 1/8"
E Mount (1/4" airspace)	0.85

2. Surface Burning Performance

a. Fire Rating per ASTM E84: Class A.

2.3 ACCESSORIES

A. Attachment hardware for wall panels as specified by manufacturer for installation.

PART 3 EXECUTION

3.1 EXAMINATION

A. Verification of Conditions:

1. Examine surfaces scheduled to receive furred out or directly attached acoustical units for unevenness, irregularities or dampness that would affect quality and execution of work.
2. All wet work in the installation area must be complete, cured, and dry prior to installation.
3. Wall assembly shall be complete, inspected, and accepted before wall work begins.

3.2 INSTALLATION

A. Comply with manufacturer's instructions and recommendations for installation of wall panels and with industry standards.

3.3 CLEANING

- A. Clean surfaces of wall panels per manufacturer's instructions or recommendations.
- B. Remove and replace damaged or discolored material and material that cannot be properly cleaned.

3.4 PROTECTION

A. Protect installed work from damage due to subsequent construction activity, including temperature and humidity limitations and dust control, so that the work will be without damage and deterioration at the time of acceptance by the owner.

END OF SECTION

SECTION 09 80 00 - ACOUSTICAL METAL BAFFLES

PART 1 - GENERAL

1.1 SUMMARY

- A. Scope: Section includes, but is not limited to, architectural metal panel systems including trims, terminations, miscellaneous steel and sub frames, clips, fasteners and other devices for secure anchorage of panels to structural steel frame members or other substrate provided for this purpose.

1.2 SUBMITTALS

- A. Submittal Drawings: Submit complete shop drawings indicating quantities, finishes, dimensions and attachment relationships.
- B. Product Data: Submit manufacturer's product data, specifications and installation instructions.
- C. Samples: Submit color and finish samples to determine range of texture and consistency of color and finish expected in the finished work. Standard material sample size shall be 3" x 3". Standard product sample size shall be 12" x 12".

1.3 QUALITY ASSURANCE

- A. Manufacturer shall have a minimum of 5 years experience in manufacturing and shall have successfully completed at least twenty projects within the past five years in architectural metals.
- B. Fabricator must own and operate its own manufacturing facilities for all metal components.

1.4 DELIVERY, STORAGE AND HANDLING

- A. Deliver components in clearly marked containers and packages suitable for shipment of specified products so as to prevent finish damage in transit. Provide protective wrapping for protection.
- B. Store components in locations that will avoid damage from job-site traffic, moisture, stacking or other job-site contamination.
- C. Handle components to avoid racking, twisting, denting or scratching of finished surfaces.

1.5 WARRANTY

- A. Provide manufacturers' warranty against defects in material and workmanship for a period of one year beginning on the Date of Substantial Completion.
- B. Fluoropolymer finish warranty: (Note: Warranty must be requested at time of quotation) Warrant fluoropolymer coating to remain free, under normal atmospheric conditions, from peeling, checking, cracking, chalking in excess of numerical rating of 8 when measured in accord with ASTM D4214, of fading in excess of 5 N.B.S. Units during warranty period. Warranty period shall be 20 years, beginning at Date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURER

- A. Basis of design is: **Acoustical Metal Baffle System**
Fry Reglet Corporation
405 N. 75th Ave., Bldg. # 2, Ste. 134
Phone 800-955-2343
Fax 623-344-8276

OR PRIOR APPROVED EQUAL.

Fry Reglet Profile “F”

- B. General Performance: The corrugated metal architectural Wall Baffles shall meet the requirements of ASTM E1265, shall have a flame spread classification of 0-25 feet for Class “A” rating when tested in accordance with ASTM E-84, and shall have an NRC rating of .90 when tested in accordance with ASTM C-423 for noise reduction.

2.2 MATERIALS

A. Baffle System

1. Metal Baffle Panel

- a. Galvannealed steel: Hot-dipped galvanized sheet of an iron-zinc alloy coating complying with ASTM A525, Coating Designation A-60 with surfaces chemically treated for paint adhesion in accord with ASTM D2092, Method.

2. Framing members are to be made from 6063 extruded aluminum

- b. Provide 2 framing members for baffles up to 48” in length.
c. Provide 3 framing members for baffles up to 96” in length.
d. Provide 4 framing members for baffles up to 120” in length

3. Mounting Devices:

- a. Flush mount attachment method: Joggle cleat/Z-clip 6063 Extruded aluminum shall be finished to match baffles

4. Sound Absorption

- a. Provide 4” x 1.5#. The fiberglass shall be wrapped in Class A. Black Polyvinylchloride

2.3 PERFORATIONS

- A. Metal Baffle Panel shall be provided in one of the options listed below. Many of the materials and finishes are available with the following perforation patterns.

R125: 1/8” diameter holes x 21/64” staggered centers

2.4 FABRICATION

- A. Standard height of wall panels shall be up to 10’ without horizontal joints.

2.5 FINISHES

- A. General: Comply with NAAMM’s “Metal Finished Manual for Architectural and Metal Products” for recommendations relative to applying and designating finishes. . Metal finish shall have a Class “A” rating per ASTM E-84-01.
- B. Factory applied Powder Coat finish.
 - 1. All wall systems shall be chemically cleaned prior to receiving powder coat finish.
 - 2. All exposed surfaces shall be coated. Finish to be cured and oven based to ensure paint adhesion and uniform surface hardness.
 - 3. Color to be selected from manufacturer’s custom color to match existing.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine job-site conditions for conditions that may adversely affect installation of Metal Baffles.
- B. Verify dimensions of Metal Baffles prior to installation to ensure compatibility with job-site conditions.
- C. Visually examine finished surfaces to ensure that blemished or dented surfaces are not present prior to installation.

3.2 INSTALLATION

- A. Install components in accord with manufacturer’s installation instructions and approved submittal drawings.
- B. Metal Baffles shall be erected plumb, level, square, true to line, securely anchored and in proper alignment and relationship to work of other trades.
- C. Baffles are all pre-engineered and factory assembled.

3.2 CLEANING AND PROTECTION

- A. Visually inspect all exposed surfaces for scratches or blemishes. Protection of baffles from damage by other trades after installation shall be the responsibility of the General Contractor.

END OF SECTION

SECTION 07 13 26 - SELF-ADHERING SHEET WATERPROOFING

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes self-adhering modified bituminous sheet wall waterproofing underlayment applications.

1.2 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Shop Drawings: Show locations and extent of waterproofing and details of substrate joints and cracks, sheet flashings, penetrations, inside and outside corners, tie-ins with adjoining waterproofing, and other termination conditions.

1.4 INFORMATIONAL SUBMITTALS

- A. Sample warranties.

1.5 QUALITY ASSURANCE

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

1.6 WARRANTY

- A. Manufacturer's Warranty: Manufacturer's standard materials-only warranty in which manufacturer agrees to furnish replacement waterproofing material for waterproofing that does not comply with requirements or that fails to remain watertight within specified warranty period.

- 1. Warranty Period: Five years from date of Recommendation of Acceptance.

PART 2 - PRODUCTS

2.1 MODIFIED BITUMINOUS SHEET WATERPROOFING

- A. Modified Bituminous Sheet: Minimum 40-mil (1.02-mm-) nominal thickness, self-adhering sheet consisting of rubberized asphalt laminated on one side to a 4-mil- (0.10-mm-) thick, polyethylene-film reinforcement, and with release liner on adhesive side.

- 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following: W. R. Grace is specified herein as a standard of quality and construction.

- a. Carlisle Coatings & Waterproofing Inc. – Miradri 860/861

- b. Grace Construction Products; W.R. Grace & Co. -- Bituthene 3000.
 - c. American HydroTech, Inc. – VM 60.
2. Physical Properties:
- a. Overall thickness: 60 mil (1.5 mm).
 - b. Tensile Strength, Membrane: 325 psi (1.7 MPa) minimum; ASTM D 412, Die C, modified.
 - c. Ultimate Elongation: 200 percent minimum; ASTM D 412, Die C, modified.
 - d. Low-Temperature Flexibility: Pass at minus 20 deg F (minus 29 deg C); ASTM D 1970.
 - e. Crack Cycling: Unaffected after 100 cycles of 1/8-inch (3-mm) movement; ASTM C 836.
 - f. Puncture Resistance: 60 lbf (180 N) minimum; ASTM E 154.
 - g. Water Absorption: 0.2 percent weight-gain maximum after 48-hour immersion at 70 deg F (21 deg C); ASTM D 570.
 - h. Water Vapor Permeance: 0.05 perms (2.9 ng/Pa x s x sq. m) maximum; ASTM E 96/E 96M, Water Method.
 - i. Hydrostatic-Head Resistance: 230 feet (60 m) minimum; ASTM D 5385.
3. Flashing Strips: Self-adhering, rubberized-asphalt strips of same material and thickness as sheet waterproofing.

2.2 AUXILIARY MATERIALS

- A. General: If full adherence to substrate cannot be attained, furnish auxiliary materials recommended by waterproofing manufacturer for intended use and compatible with sheet waterproofing.
 - 1. Furnish liquid-type primer and/or auxiliary materials that comply with VOC limits of authorities having jurisdiction.
 - 2. Hi-tack primer/adhesive binder as recommended by manufacturer to achieve bonding quality and performance.
- B. Metal Termination Bars (if required): Aluminum bars, approximately 1 by 1/8 inch (25 by 3 mm) thick, predrilled at 9-inch (229-mm) centers.

PART 3 - EXECUTION

3.1 MODIFIED BITUMINOUS SHEET-WATERPROOFING APPLICATION

- A. Prepare surfaces and install modified bituminous sheets according to waterproofing manufacturer's written instructions and recommendations in ASTM D 6135. Surfaces must be clean and dry.
 - 1. Completely clean all substrates of excess dust, dirt, contaminants, grease or oils.
 - 2. Substrates must be thoroughly dry before installation. If surfaces become wet due to dew, rain, etc. allow to dry before installation.
- B. If full adherence to substrate cannot be achieved, apply primer to substrates at required rate and allow it to dry. Limit priming to areas that will only be covered by sheet waterproofing in same day. Reprime any areas exposed to atmosphere for more than 24 hours.

- C. Apply and firmly adhere sheets over area to receive waterproofing. Accurately align sheets and maintain uniform 3-inch- (75-mm-) minimum lap widths and end laps. Overlap and seal seams, and stagger end laps to ensure watertight installation. Horizontal seams to be top-lapped by upper membrane course by 3”
 - 1. Apply membrane only when ambient and substrate temperatures are above 25 deg F.
 - 2. Maximum exposure to sunlight = 30 days. If membrane is exposed for any longer period, remove and replace with new.
- D. Apply continuous sheets over already-installed sheet strips, bridging substrate cracks, construction, and contraction joints.
- E. Seal edges of sheet-waterproofing terminations with flashing strips.
- F. Repair tears, voids, and lapped seams in waterproofing not complying with Manufacturer requirements with methods recommended by Manufacturer. Slit and flatten fishmouths and blisters. Patch with sheet waterproofing extending 6 inches (150 mm) beyond repaired areas in all directions.

3.2 PROTECTION, REPAIR, AND CLEANING

- A. Correct deficiencies in or remove waterproofing that does not comply with requirements; repair substrates, reapply waterproofing, and repair sheet flashings.
- B. Clean spillage and soiling from adjacent construction using cleaning agents and procedures recommended by manufacturer of affected construction.

END OF SECTION 07 13 26

SECTION 07 42 13.53 - METAL SOFFIT PANELS

1.1 SUMMARY

- A. Section includes metal soffit panels.

1.2 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of metal panel systems that fail in materials or workmanship within specified warranty period.
 - 1. Failures include, but are not limited to, the following:
 - a. Structural failures including rupturing, cracking, or puncturing.
 - b. Deterioration of metals and other materials beyond normal weathering.
 - 2. Warranty Period: Two years from date of Substantial Completion.
- B. Special Warranty on Panel Finishes: Manufacturer's standard form in which manufacturer agrees to repair finish or replace metal panels that show evidence of deterioration of factory-applied finishes within specified warranty period.
 - 1. Exposed Panel Finish: Deterioration includes, but is not limited to, the following:
 - a. Color fading more than 5 Hunter units when tested according to ASTM D 2244.
 - b. Chalking in excess of a No. 8 rating when tested according to ASTM D 4214.
 - c. Cracking, checking, peeling, or failure of paint to adhere to bare metal.
 - 2. Finish Warranty Period: 30 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Recycled Content of Steel Products: Postconsumer recycled content plus one-half of preconsumer recycled content not less than 25 percent.
- B. Structural Performance: Provide metal panel systems capable of withstanding the effects of the following loads, based on testing according to ASTM E 1592:
 - 1. Wind Loads: As indicated on Drawings.
 - 2. Other Design Loads: As indicated on Drawings.
 - 3. Deflection Limits: For wind loads, no greater than 1/175 of the span.
- C. Air Infiltration: Air leakage of not more than 0.06 cfm/sq. ft. when tested according to ASTM E 283 at the following test-pressure difference:
 - 1. Test-Pressure Difference: 6.24 lbf/sq. ft..

- D. Water Penetration under Static Pressure: No water penetration when tested according to ASTM E 331 at the following test-pressure difference:
 - 1. Test-Pressure Difference: 6.24 lbf/sq. ft..
- E. Thermal Movements: Allow for thermal movements from ambient and surface temperature changes by preventing buckling, opening of joints, overstressing of components, failure of joint sealants, failure of connections, and other detrimental effects. Base calculations on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss.
 - 1. Temperature Change (Range): 120 deg F, ambient; 180 deg F, material surfaces.

2.2 METAL SOFFIT PANELS

- A. General: Provide metal soffit panels designed to be installed by lapping and interconnecting side edges of adjacent panels and mechanically attaching through panel to supports using concealed fasteners in side laps. Include accessories required for weathertight installation.
- B. Metal Soffit Panels: Match material of metal wall panels.
 - 1. Finish: Two-coat fluoropolymer.
 - 2. Kynar 500 or Hylar 5000.
- C. Flush-Profile Metal Soffit Panels: Solid panels formed with vertical panel edges and a flat pan between panel edges; with flush joint between panels.
 - 1. Basis-of-Design Product: Subject to compliance with requirements, provide Pac Clad Flush Solid Soffit System panels or comparable product by one of the following:
 - a. AEP Span; a BlueScope Steel company.
 - b. Architectural Building Components.
 - c. MBCI
 - d. McElroy Metal, Inc.
 - e. Metal-Fab Manufacturing, LLC.
 - 2. Material: Same material as metal wall panels.
 - 3. Metallic-Coated Steel Sheet: Zinc-coated (galvanized) steel sheet complying with ASTM A 653/A 653M, G90 coating designation, or aluminum-zinc alloy-coated steel sheet complying with ASTM A 792/A 792M, Class AZ50 coating designation; structural quality. Prepainted by the coil-coating process to comply with ASTM A 755/A 755M.
 - a. Nominal Thickness: Minimum 24 gauge.
 - b. Exterior Finish: Two-coat fluoropolymer.
 - c. Color: As selected by Architect from manufacturer's full range of standard and optional colors and finishes.
 - 1) Color of soffit panels to match adjacent fascia, roof edge and trim unless otherwise indicated.
 - 4. Panel Coverage (Face Width): 12 inches.
 - 5. Panel Height: 1.0 inch.
 - 6. Panel Texture: Smooth, without embossing or other texture.

2.3 MISCELLANEOUS MATERIALS

- A. Miscellaneous Metal Subframing and Furring: ASTM C 645, cold-formed, metallic-coated steel sheet, ASTM A 653/A 653M, G90 coating designation or ASTM A 792/A 792M, Class AZ50 aluminum-zinc-alloy coating designation unless otherwise indicated. Provide manufacturer's standard sections as required for support and alignment of metal panel system.
- B. Panel Accessories: Provide components required for a complete, weathertight panel system including trim, clips, flashings, roof edge trim, sealants, gaskets, fillers, closure strips, and similar items. Match material and finish of metal panels unless otherwise indicated.
 - 1. Closure Strips: Closed-cell, expanded, cellular, rubber or crosslinked, polyolefin-foam or closed-cell laminated polyethylene; minimum 1-inch- thick, flexible closure strips; cut or premolded to match metal panel profile. Provide closure strips where indicated or necessary to ensure weathertight construction.
- C. Flashing, Roof Edges and Trim: Provide flashing, roof edges and trim formed from same material as metal panels as required to seal against weather and to provide finished appearance. Finish flashing and trim with same finish system as adjacent metal soffit panels.
- D. Panel Fasteners: Self-tapping screws designed to withstand design loads. Provide exposed fasteners with heads matching color of metal panels by means of plastic caps or factory-applied coating. Provide EPDM or PVC sealing washers for exposed fasteners.
- E. Panel Sealants: Provide sealant types recommended by manufacturer that are compatible with panel materials, are nonstaining, and do not damage panel finish.
 - 1. Sealant Tape: Pressure-sensitive, 100 percent solids, gray polyisobutylene compound sealant tape with release-paper backing. Provide permanently elastic, nonsag, nontoxic, nonstaining tape 1/2 inch wide and 1/8 inch thick.
 - 2. Joint Sealant: ASTM C 920; elastomeric polyurethane or silicone sealant; of type, grade, class, and use classifications required to seal joints in metal panels and remain weathertight; and as recommended in writing by metal panel manufacturer.
 - 3. Butyl-Rubber-Based, Solvent-Release Sealant: ASTM C 1311.

2.4 FINISHES

- A. Protect mechanical and painted finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.
- B. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Noticeable variations in same piece are not acceptable. Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.
- C. Steel Panels and Accessories:
 - 1. Two-Coat Fluoropolymer: AAMA 621. Fluoropolymer finish containing not less than 70 percent PVDF resin by weight in color coat. Prepare, pretreat, and apply coating to

exposed metal surfaces to comply with coating and resin manufacturers' written instructions.

2. Concealed Finish: Apply pretreatment and manufacturer's standard white or light-colored acrylic or polyester backer finish consisting of prime coat and wash coat with a minimum total dry film thickness of 0.5 mil.

PART 3 - EXECUTION

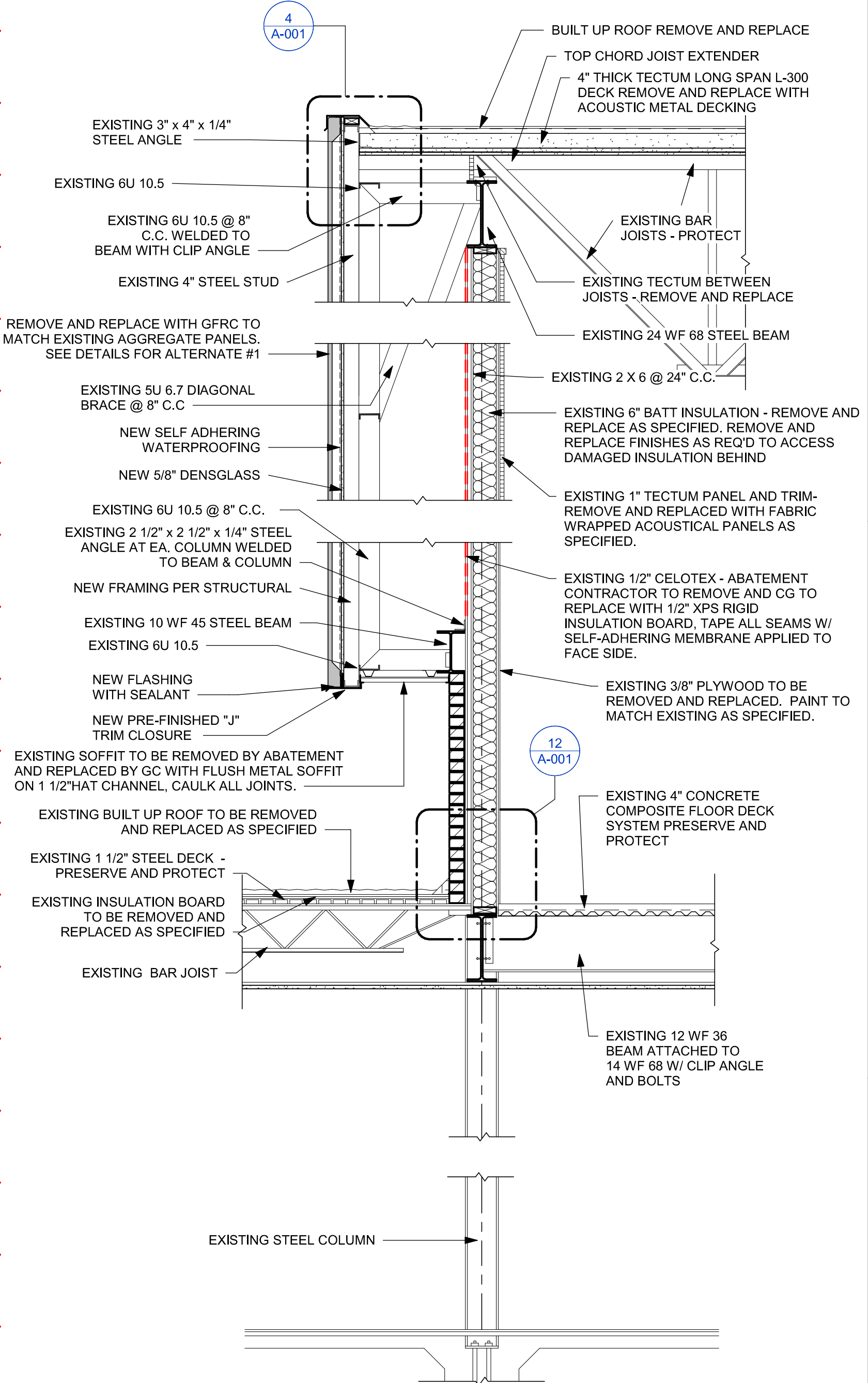
3.1 PREPARATION

- A. Miscellaneous Supports: Install subframing, furring, and other miscellaneous panel support members and anchorages according to ASTM C 754 and metal panel manufacturer's printed instructions.

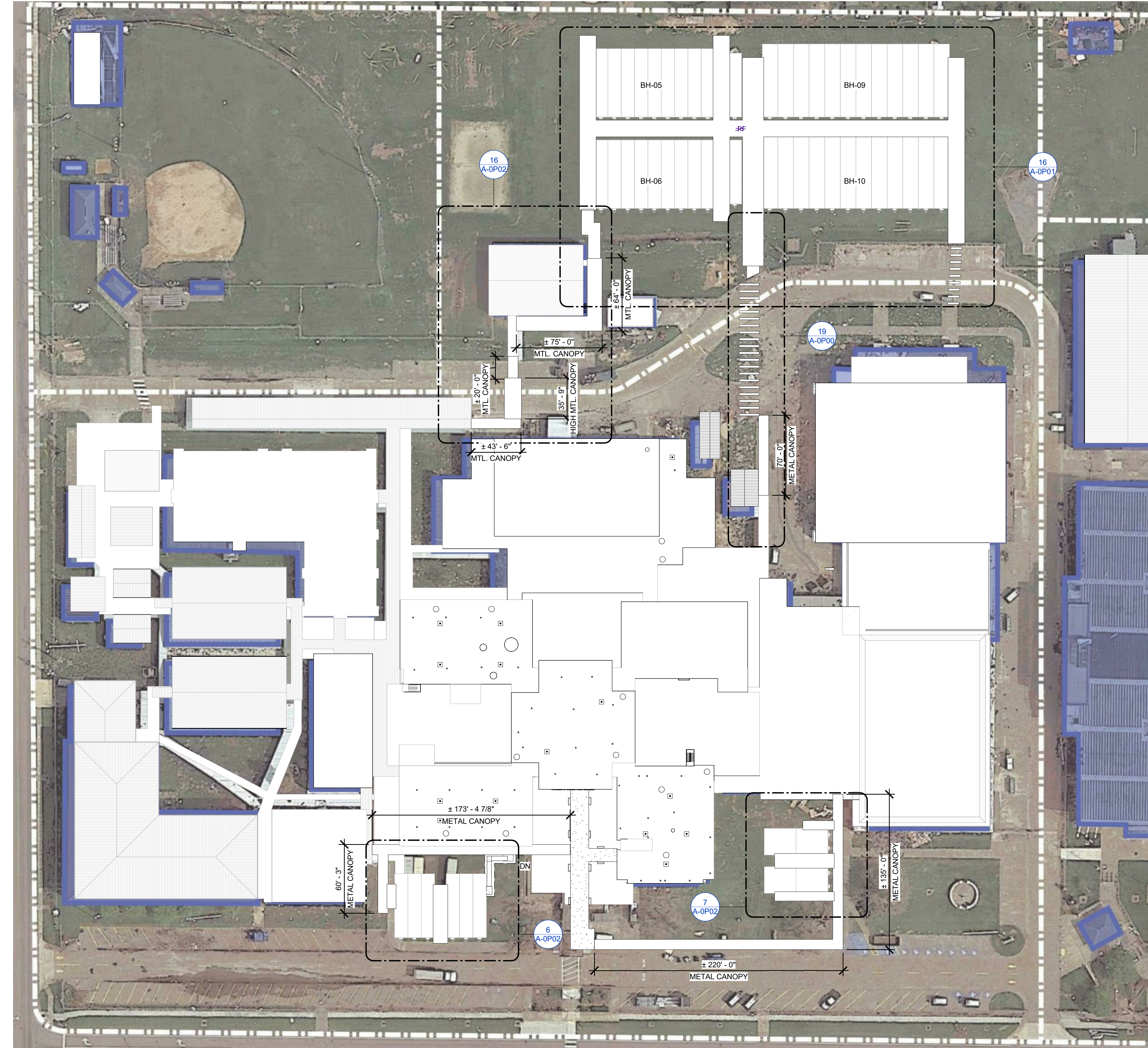
3.2 METAL SOFFIT PANEL INSTALLATION

- A. Accessory Installation: Install accessories with positive anchorage to building and weathertight mounting, and provide for thermal expansion. Coordinate installation with flashings and other components.
- B. Install concealed fastener systems with self-drilling fasteners recommended by panel manufacturer. Include appropriate clips, etc. in pattern shown by manufacturer's printed instructions.
- C. Flashing and Trim: Comply with performance requirements, manufacturer's written installation instructions, and SMACNA's "Architectural Sheet Metal Manual." Provide concealed fasteners where possible, and set units true to line and level. Install work with laps, joints, and seams that are permanently weathertight.

END OF SECTION 07 42 13.53



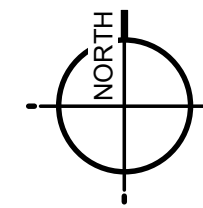
6 BASE BID - WALL SECTION - BLDG M - BASE REPAIR
1/2" = 1'-0" (REF: 1 / A-201)



16 Barbe High - Site Plan - Main Campus
1" = 50'-0"



19 CANOPY ADDITION
1/16" = 1'-0"

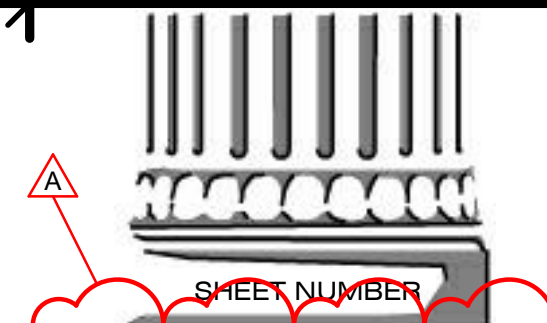


LA. LICENSE NO. 4086

HURRICANE LAURA REPAIRS
**GYMS & CAFETERIA REPAIRS
 MODULAR BLDG INSTALL**
 A.M. BARBE HIGH SCHOOL
 FOR
CALCASIEU PARISH SCHOOL BOARD
 2200 W. McNEESE ST., LAKE CHARLES, LA
 HL-003-08

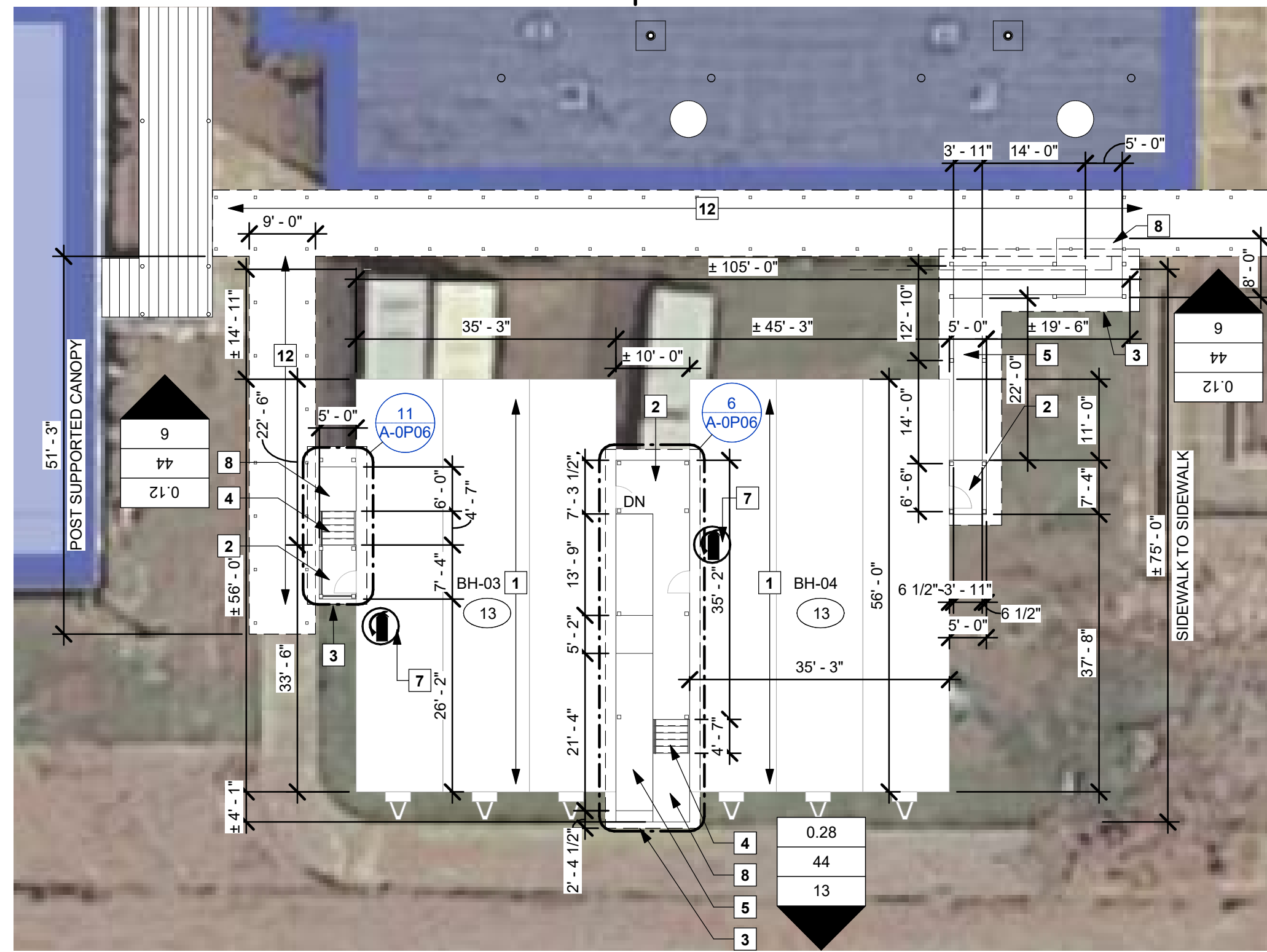
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RMG PROJECT NO.	20042-01H
OWNER PROJECT HL NO.	HL-003-09
PROJECT MANAGER	DAVID BOREL
DATE ISSUED	01.14.2022
REVISED	
A	ADDENDUM 4 2022.02.25

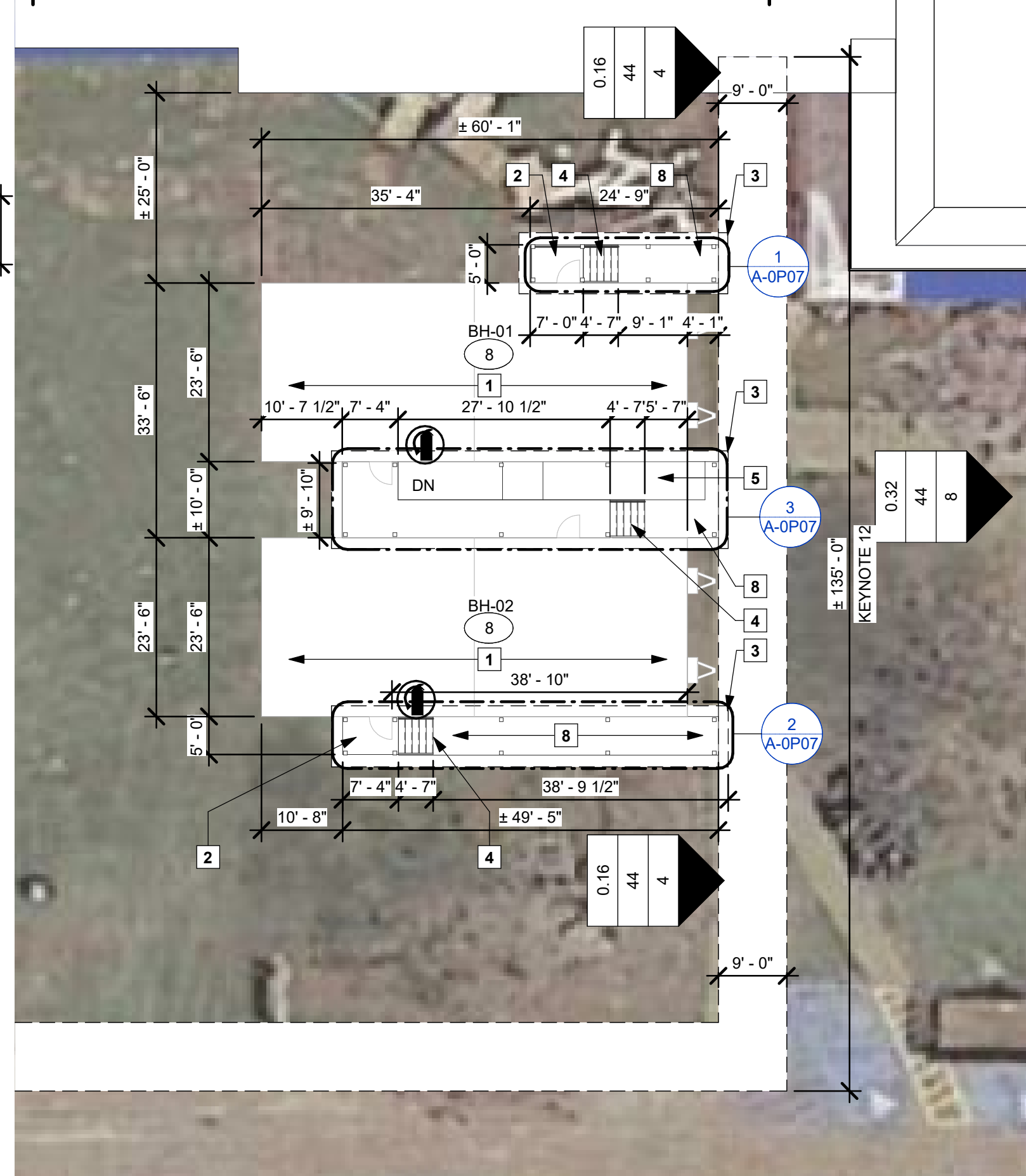


A-0P00
 PORTABLES - OVERALL
 SITE PLAN

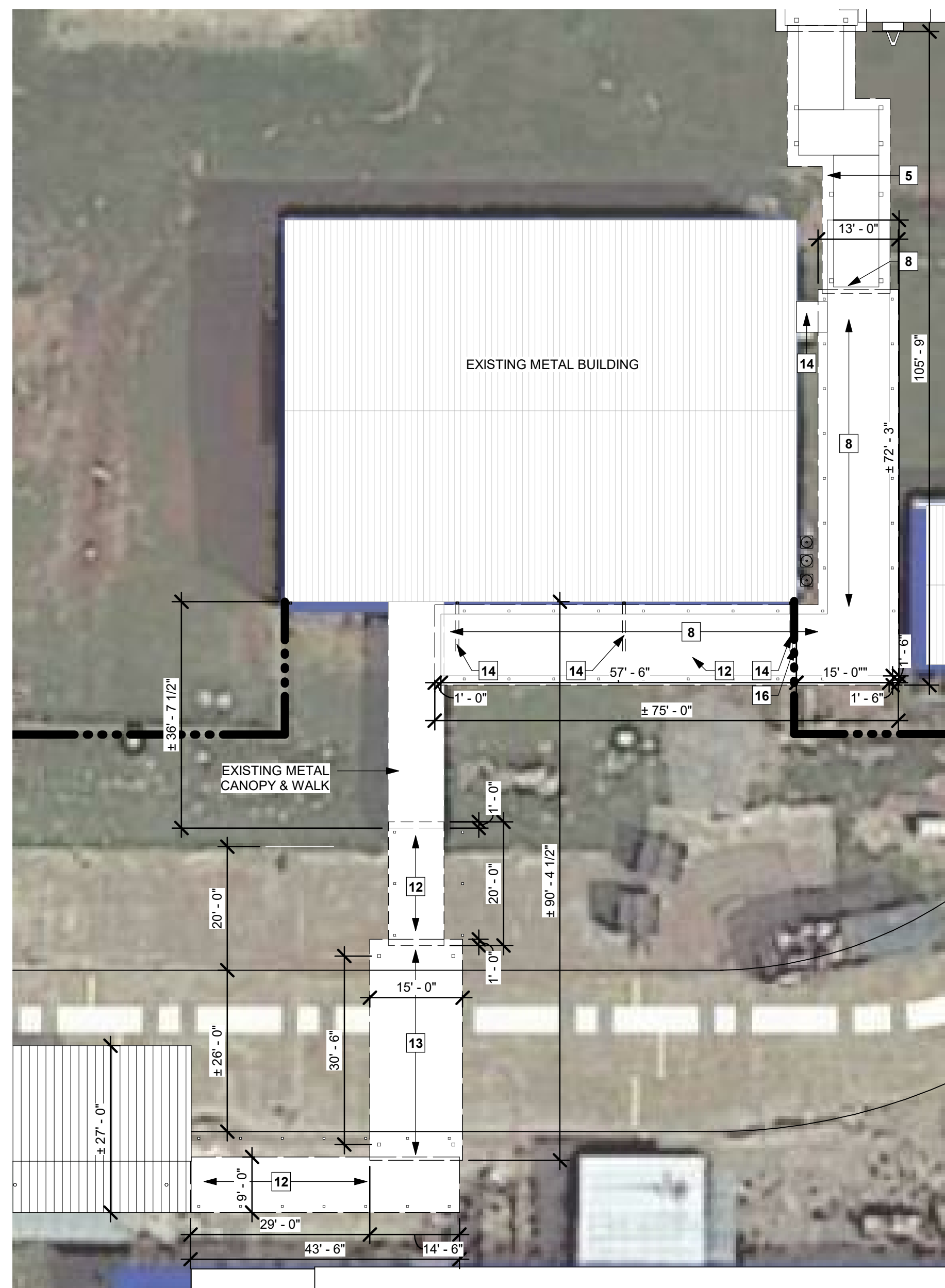
2/25/2022 10:26:15 AM



6 Barbe High - Site Plan - Portable Buildings Southwest
1/16" = 1'-0"



7 Barbe High - Site Plan - Portable Buildings Southeast
1/16" = 1'-0"



16 Detail 0
1/16" = 1'-0"

KEYNOTES TO SHEET

1. TEMPORARY BUILDING PROVIDED BY OTHERS, SEE MEP SHEET FOR UTILITY CONNECTIONS.
2. NEW PRESSURE TREATED WOOD DECK AS DETAILED.
3. NEW PRESSURE TREATED WOOD WALK COVERINGS AS DETAILED.
4. NEW PRESSURE TREATED WOOD STAIRS AS DETAILED.
5. NEW PRESSURE TREATED WOOD RAMP AS DETAILED.
6. NEW DRINKING FOUNTAINS AS SPECIFIED, SEE DETAILED FOR MOUNTING.
7. FIRE EXTINGUISHER AS SPECIFIED TO BE LOCATED ON EGRESS PATH NEAR EXIT DOOR.
8. NEW CONCRETE AS SPECIFIED, SEE DETAILS.
9. PAINTED CROSSWALK AS SPECIFIED, COORDINATE WITH PRINCIPAL ON SITE TO ENSURE STUDENT SAFETY.
10. EXISTING PAVED ROAD.
11. EXISTING PAVED ROAD.
12. NEW 9' METAL POST SUPPORTED CANOPY AS SPECIFIED.
13. NEW 15' HIGH CLEARANCE METAL POST SUPPORTED CANOPY AS SPECIFIED.
14. NEW SIDEWALK TRENCH DRAINS AT EXISTING DOWNSPOUTS. SEE DETAIL 12/A-OP05.
15. EXISTING CONCRETE LANDING.
16. REMOVE CHAIN LINK FENCE TO NEAREST POST AS INDICATED ON PLANS.

EGRESS LEGEND

- 123 OCCUPANT LOAD
- 1234 OCCUPANT LOAD MIN WIDTH
- 0.1 EXIT WIDTH PROVIDED (IN INCHES)
- 123 NUMBER OF OCCUPANTS
- WALL-MOUNTED FIRE EXTINGUISHER AND CABINET (MIN 75 TRAVEL DISTANCE FROM EACH LOCATION)



RANDY M. GOODLOE, AIA, APAC
 725 KIRBY STREET
 LAKE CHARLES, LOUISIANA
 OFFICE: 337.436.3036
 FAX: 337.463.3779



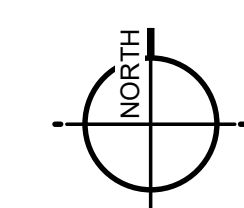
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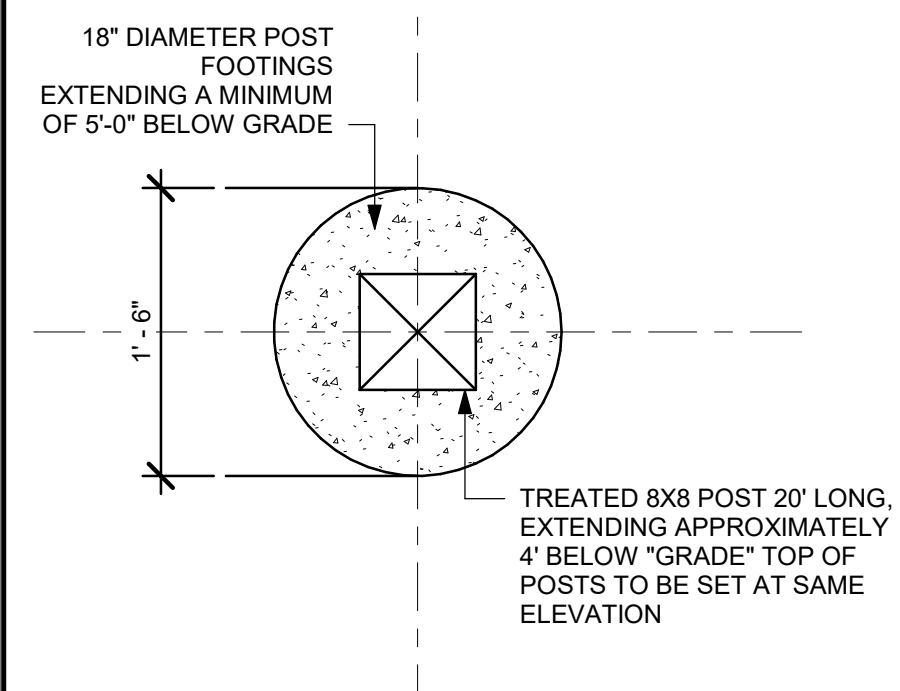
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RMG PROJECT NO.
20042-01H
 OWNER PROJECT HL NO.
HL-003-09
 PROJECT MANAGER
DAVID BOREL
 DATE ISSUED
01.14.2022

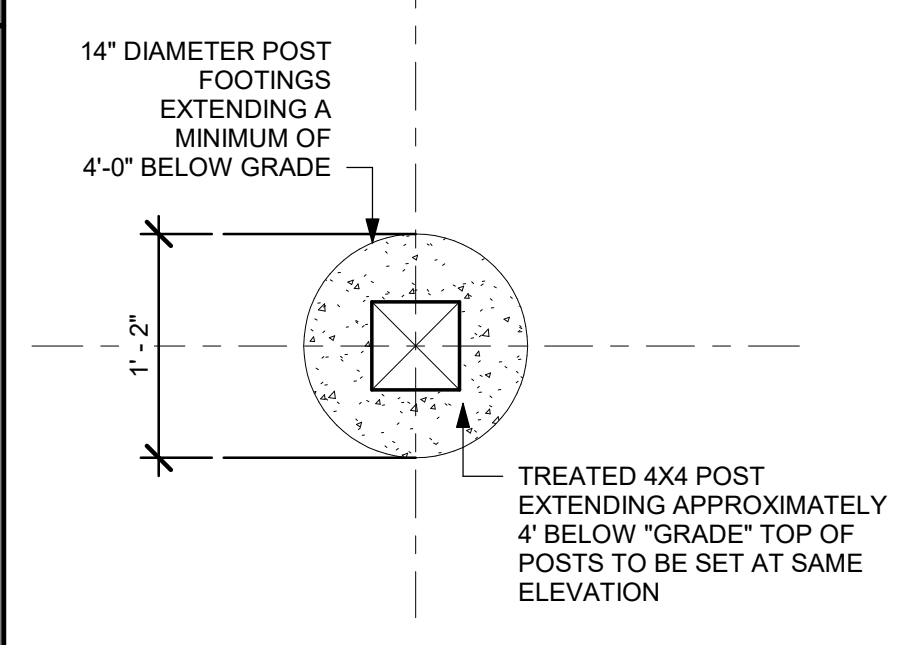
REVISED	
A	ADDENDUM 4 2022.02.25



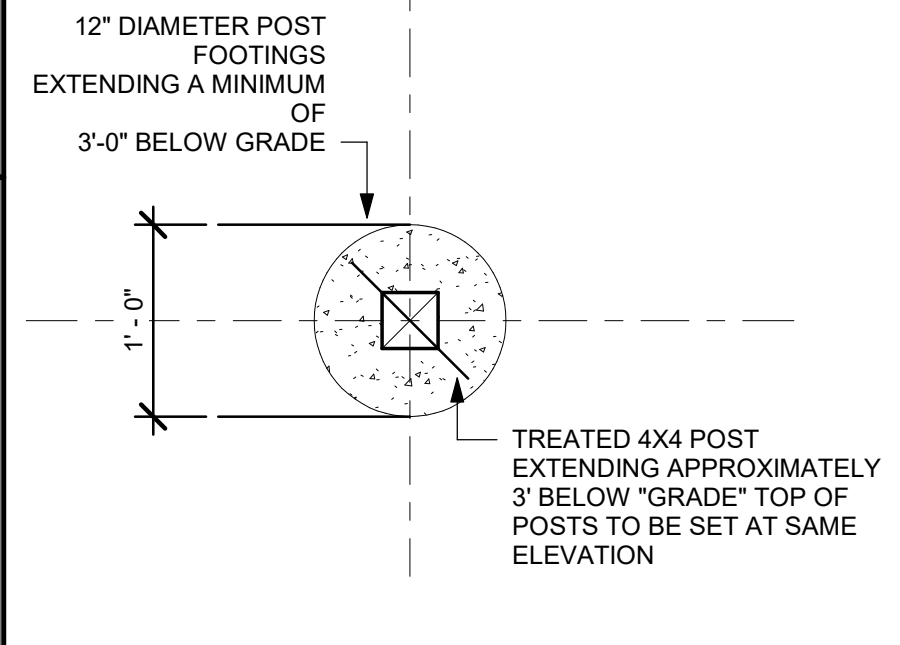
SHEET NUMBER
A-OP02
 PORTABLES - SITE
 PLAN BH-01, 02, 03, 04



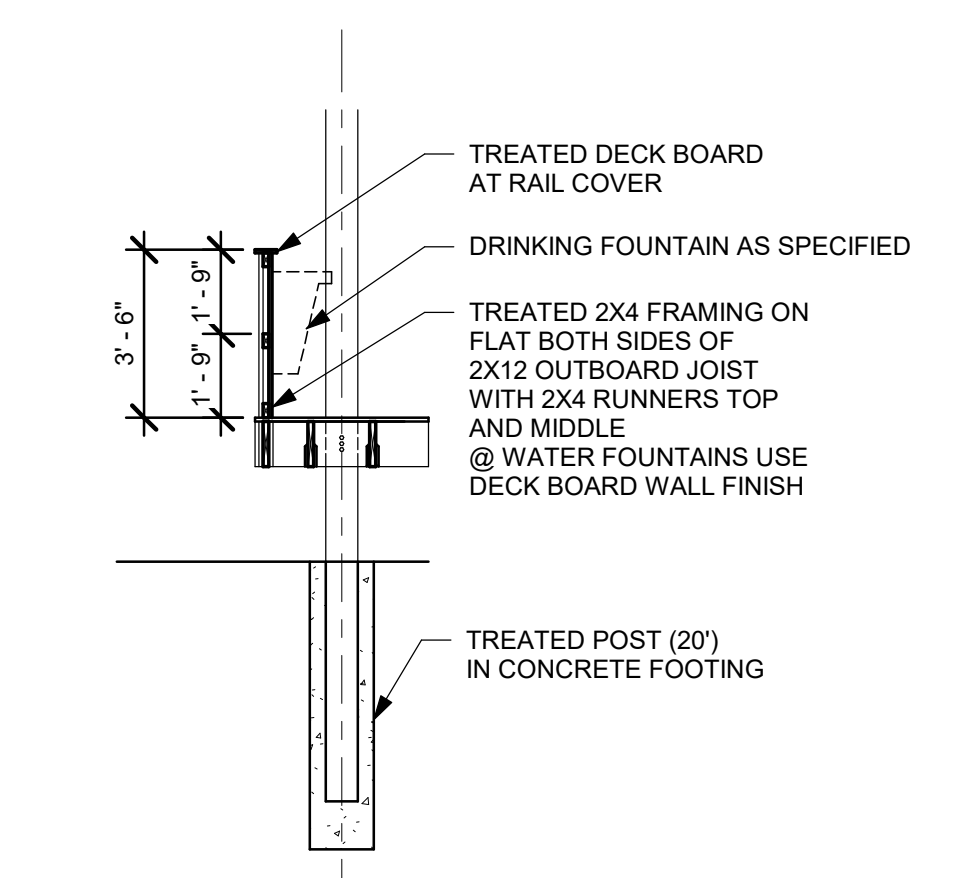
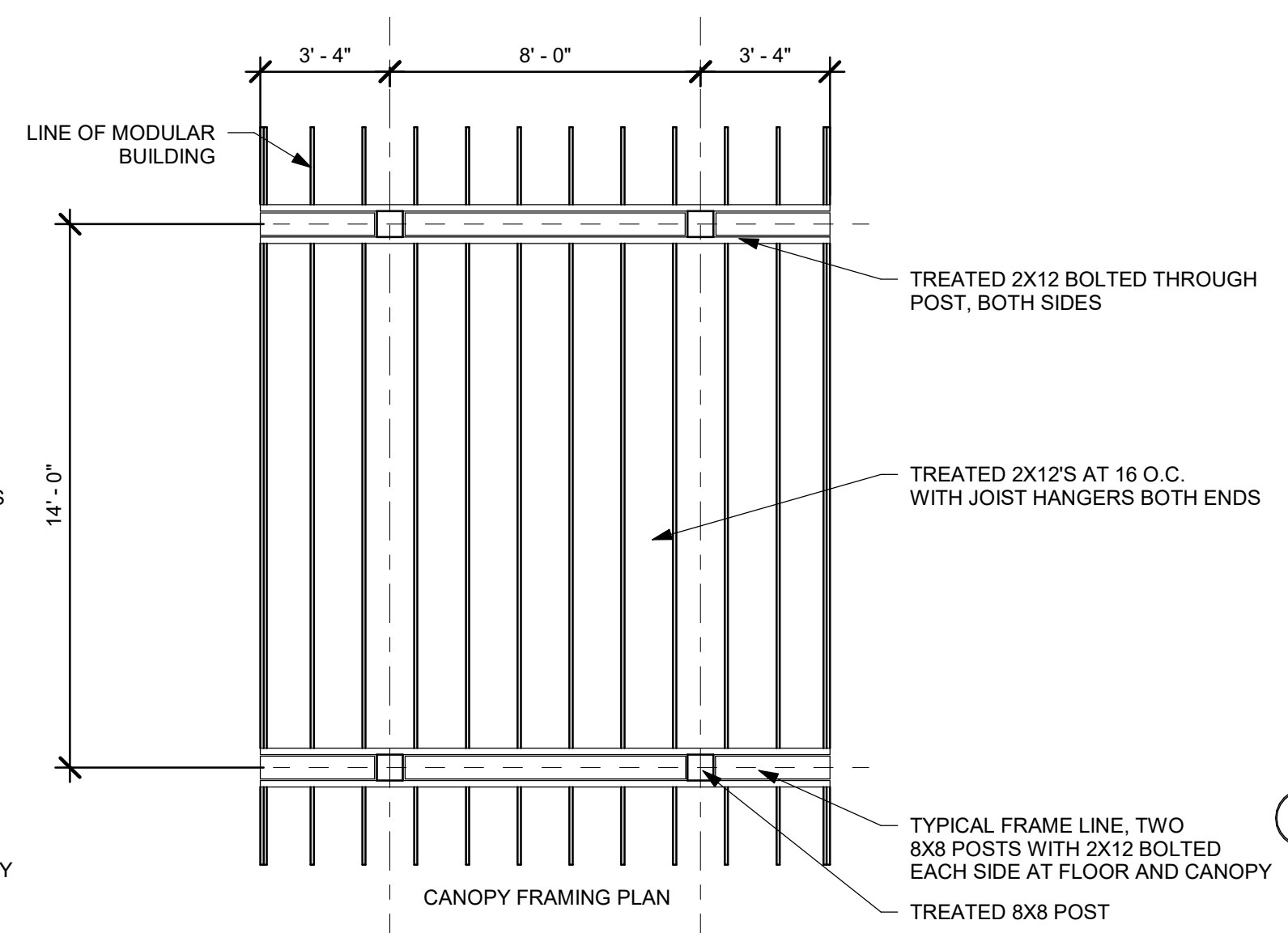
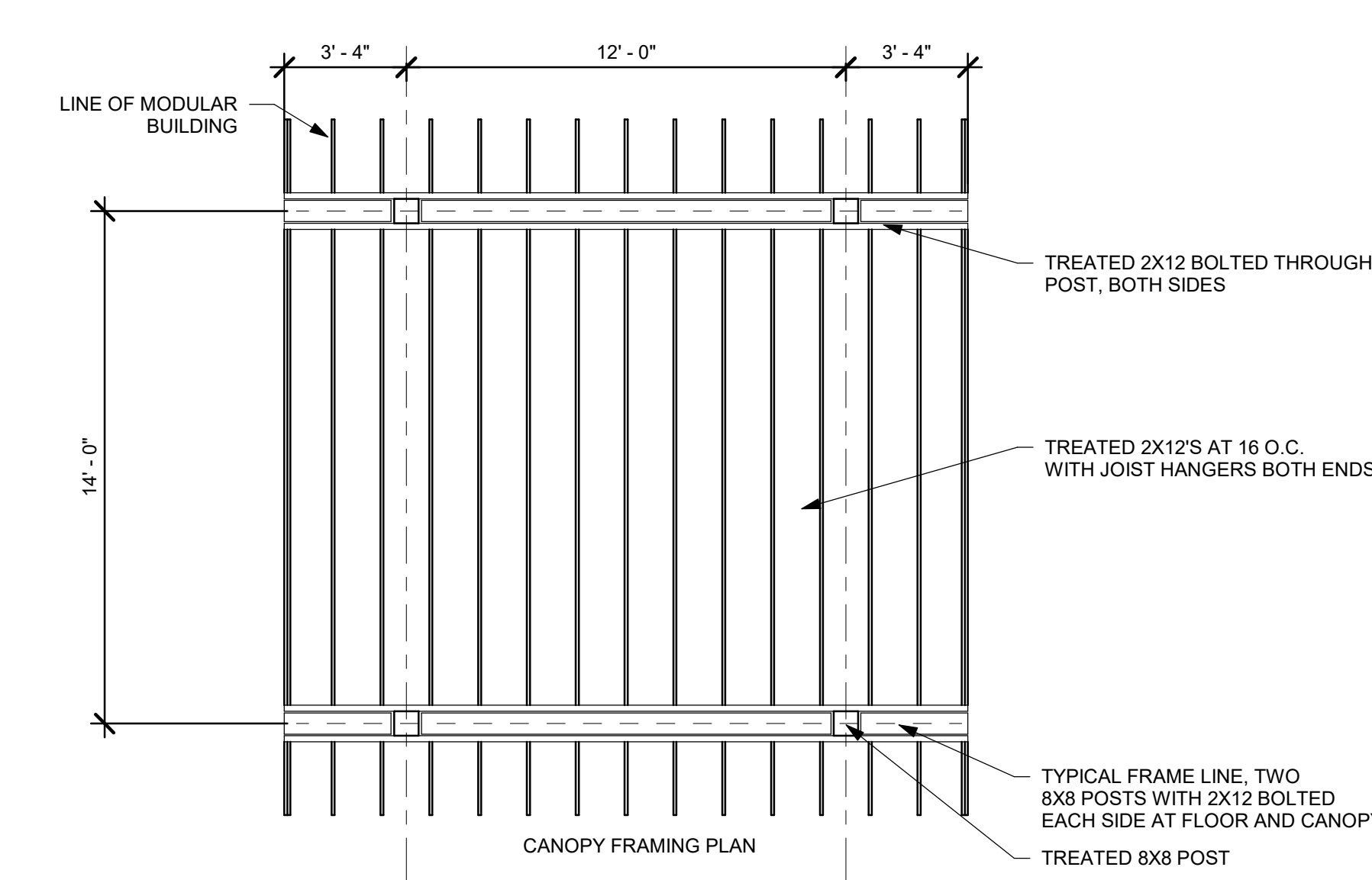
1 TYPICAL 8X8 POST FOOTING
1/4" = 1'-0"



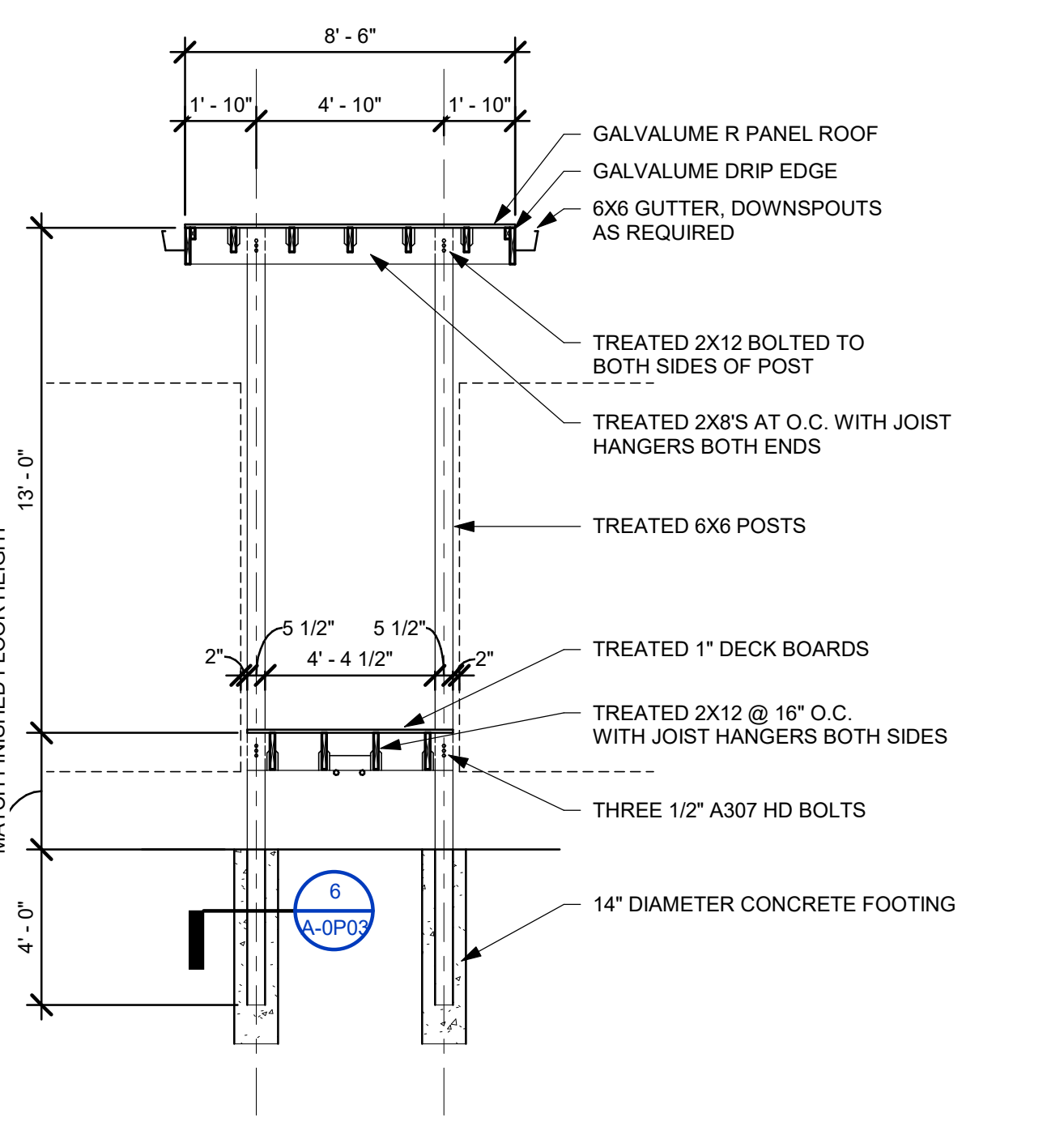
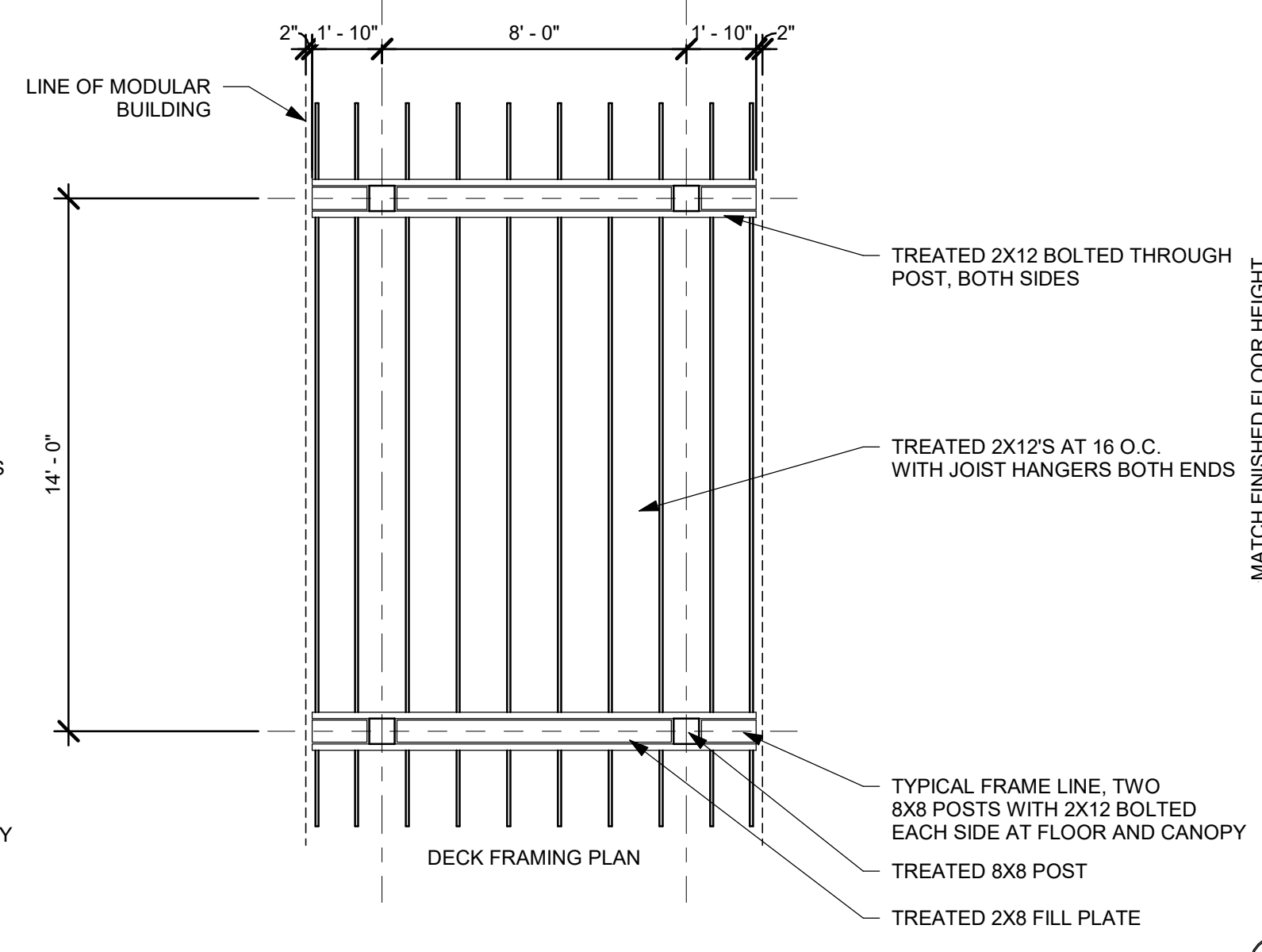
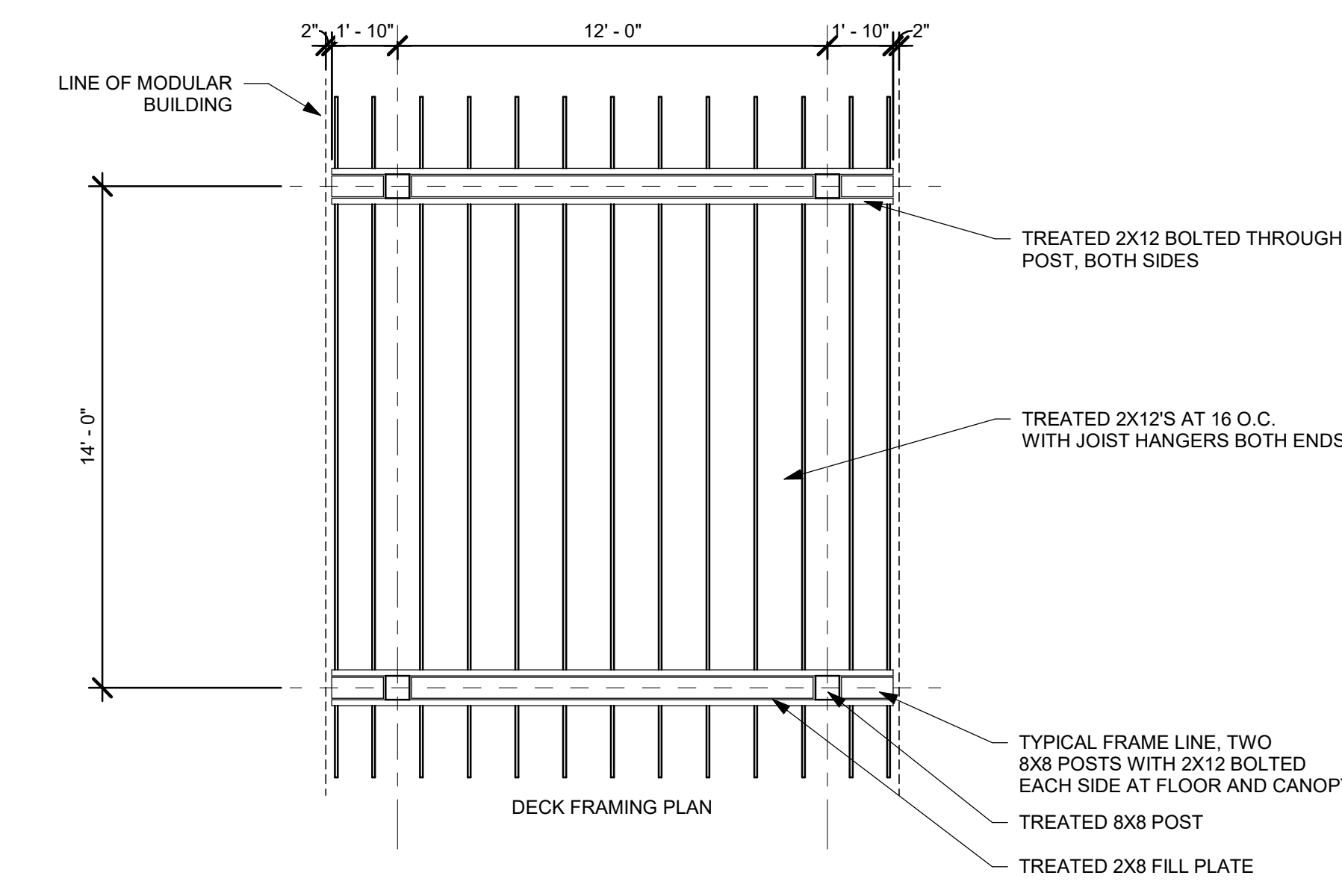
6 TYPICAL 6X6 POST FOOTING
1/4" = 1'-0"



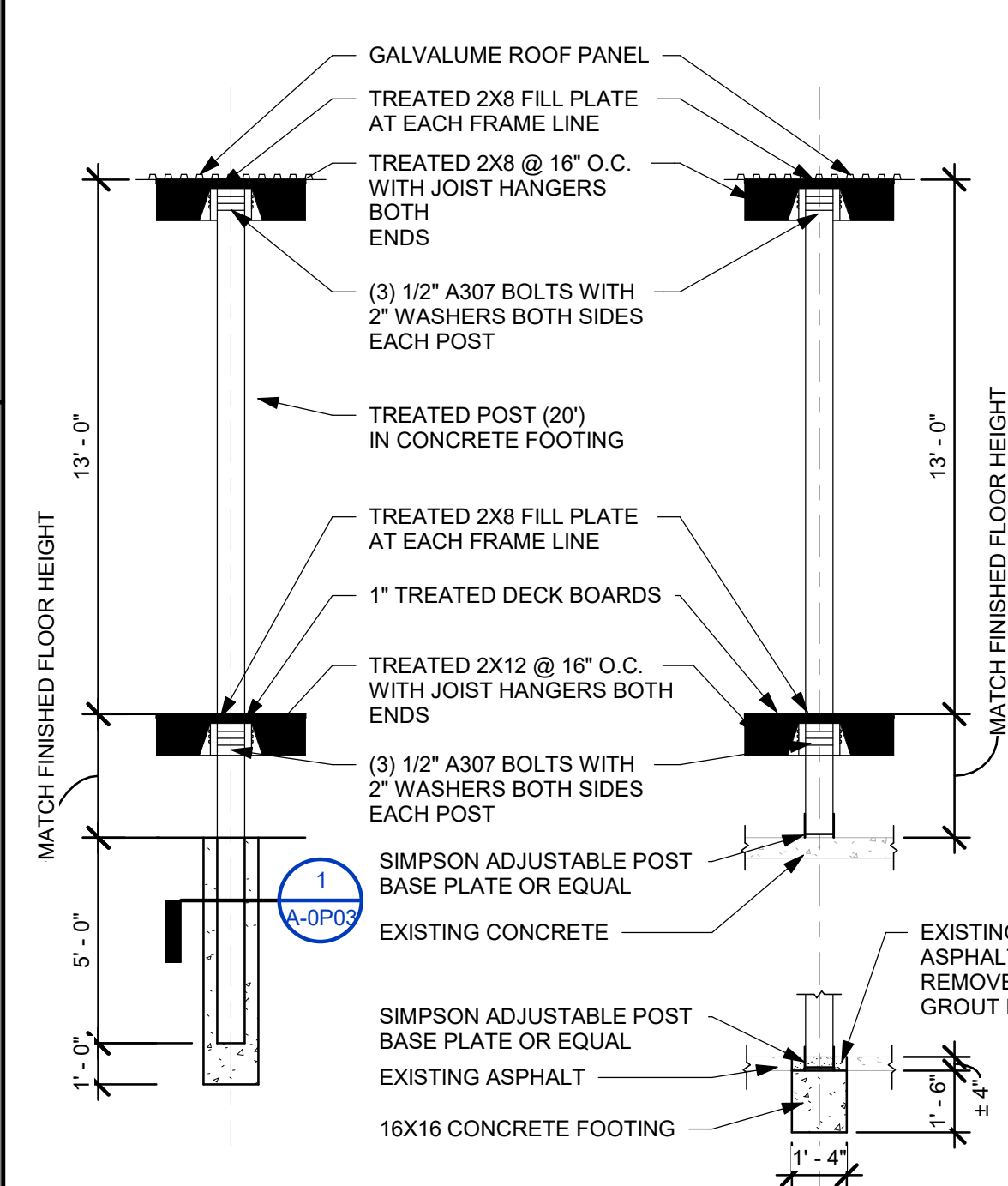
11 TYPICAL 4X4 POST FOOTING
1/4" = 1'-0"



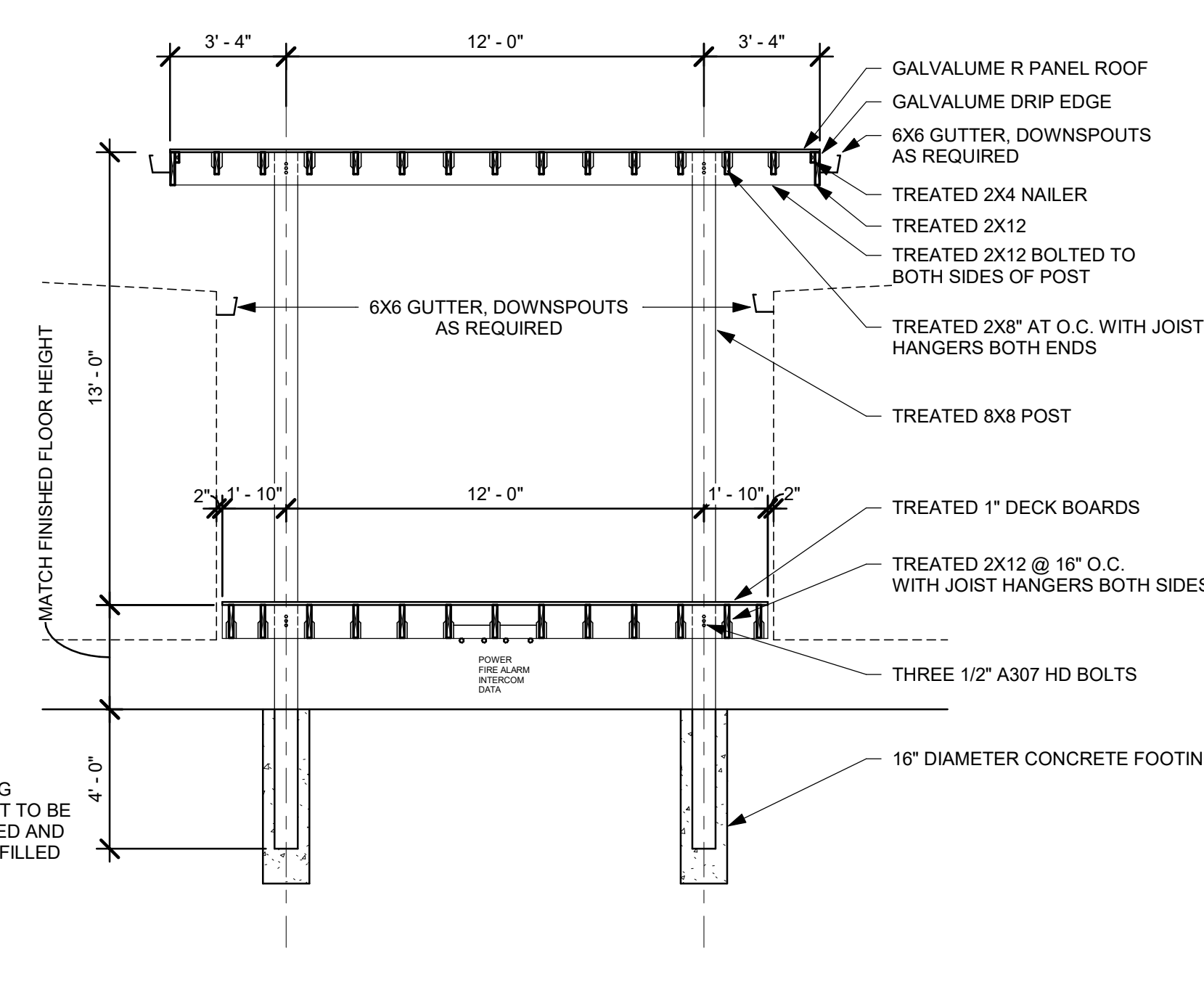
4 TYPICAL GUARDRAIL DETAIL
1/4" = 1'-0"



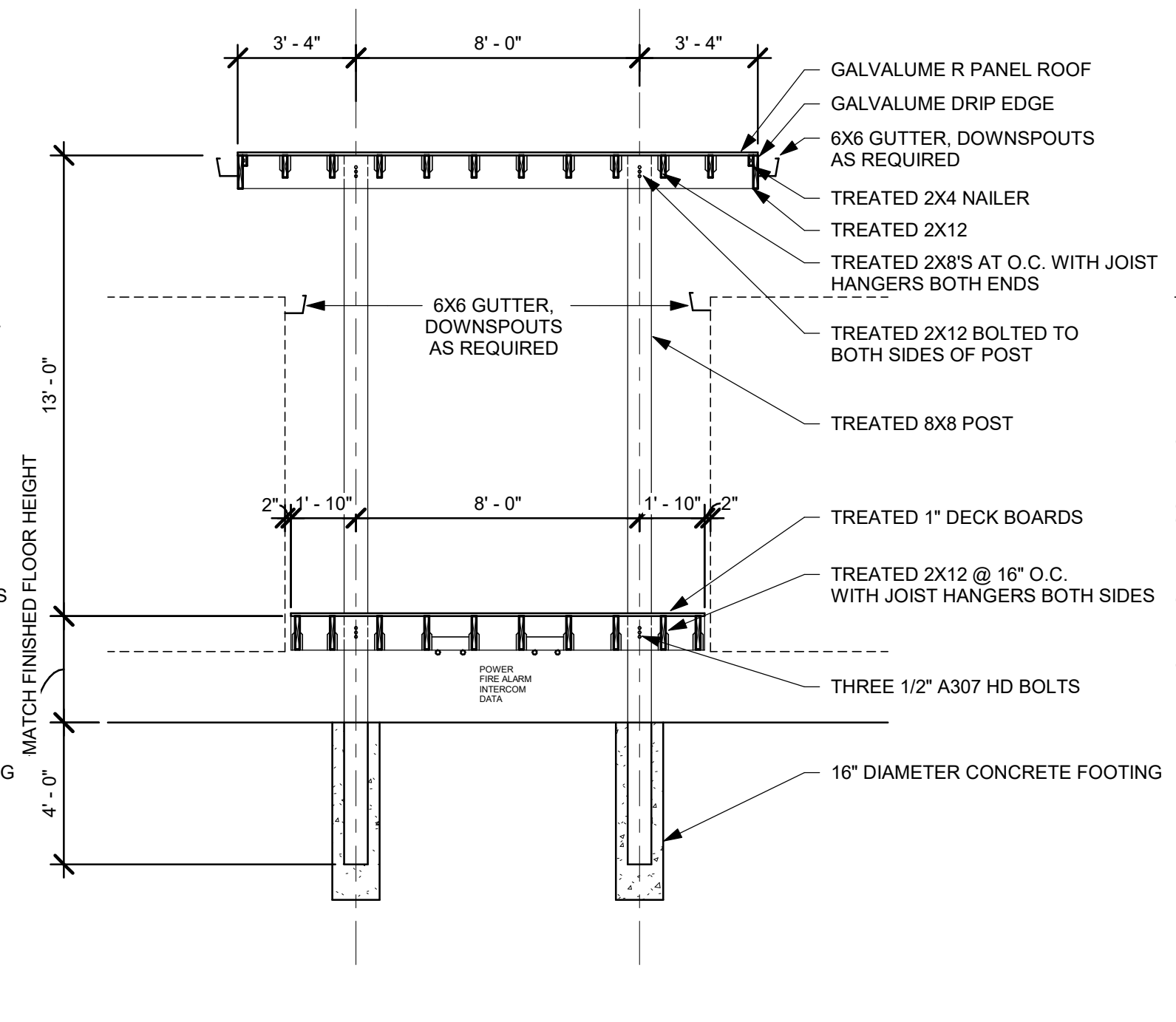
14 5' ELEVATED DECK SECTION
1/4" = 1'-0"



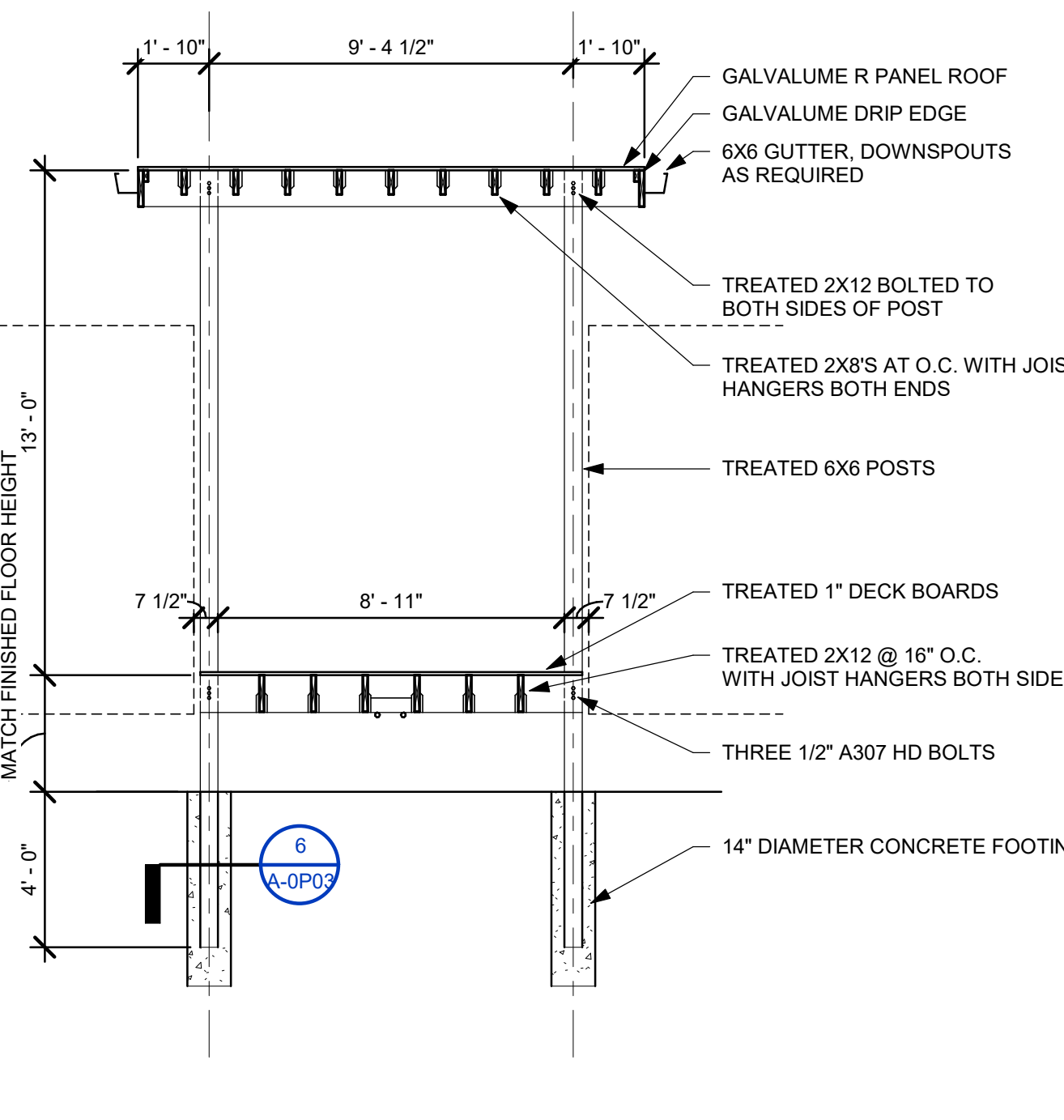
16A TYPICAL FRAME LINE
1/4" = 1'-0"



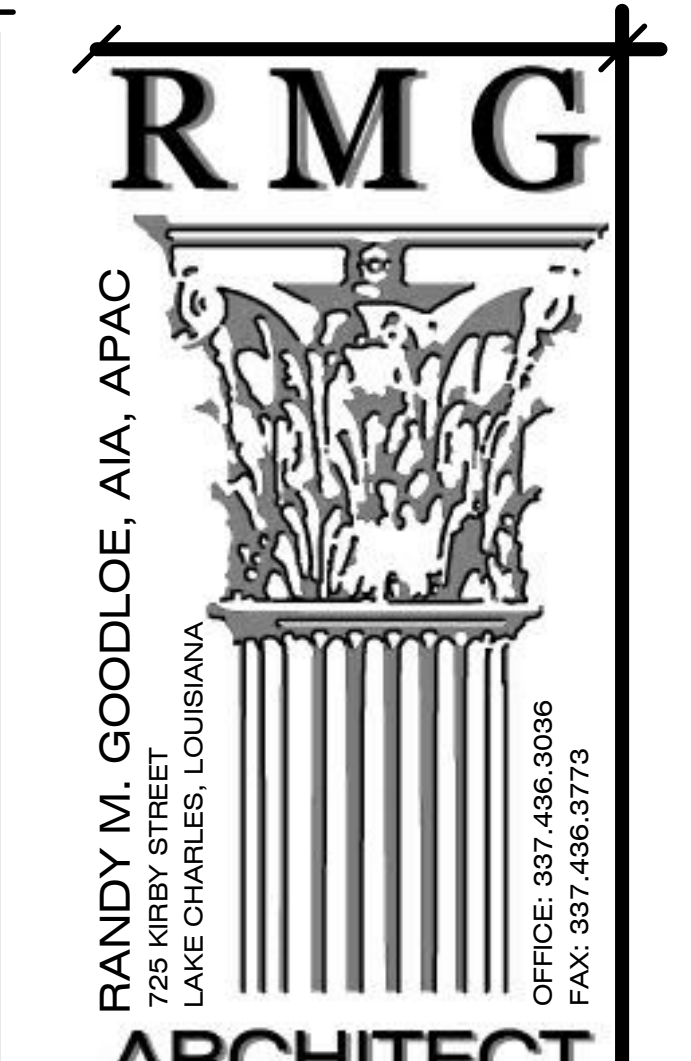
16B TYPICAL FRAME LINE @ EXISTING CONDITIONS
1/4" = 1'-0"



18 14' ELEVATED DECK SECTION
1/4" = 1'-0"



19 10' ELEVATED DECK SECTION
1/4" = 1'-0"



RANDY M. GOODLOE, AIA, APAC
725 KIRBY STREET
LAKE CHARLES, LOUISIANA
OFFICE: 337.436.3036
FAX: 337.466.3773

RANDY MICHAEL GOODLOE
No. 888
REGISTERED ARCHITECT
LA LICENSE NO. 4086

HURRICANE LAURA REPAIRS
ROOFING, FACADES, & GYM INTERIOR REPAIRS
FOR
CALCASIEU PARISH SCHOOL BOARD
LAKE CHARLES, LA
HL-738-01.02

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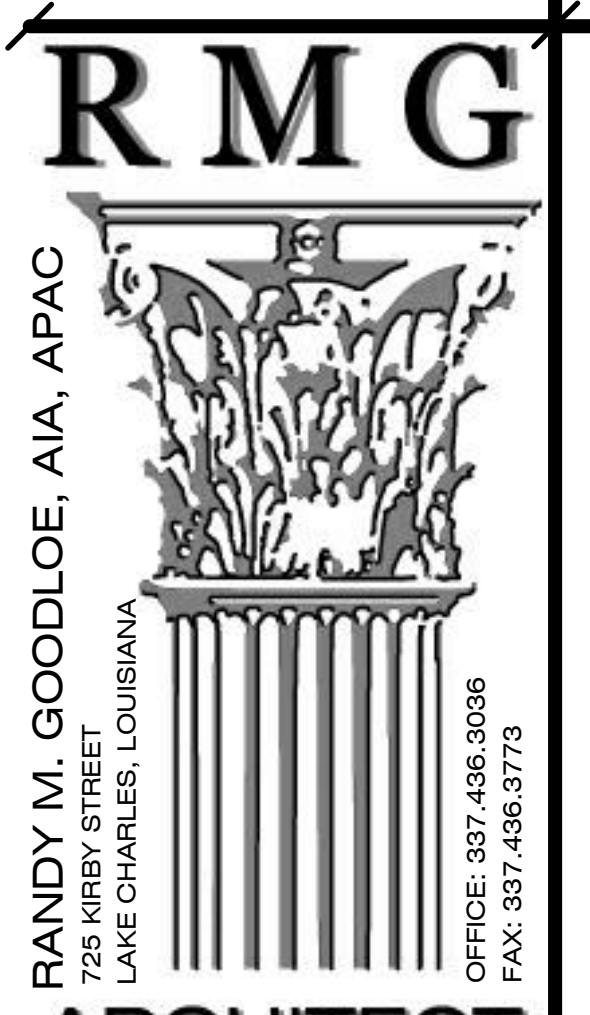
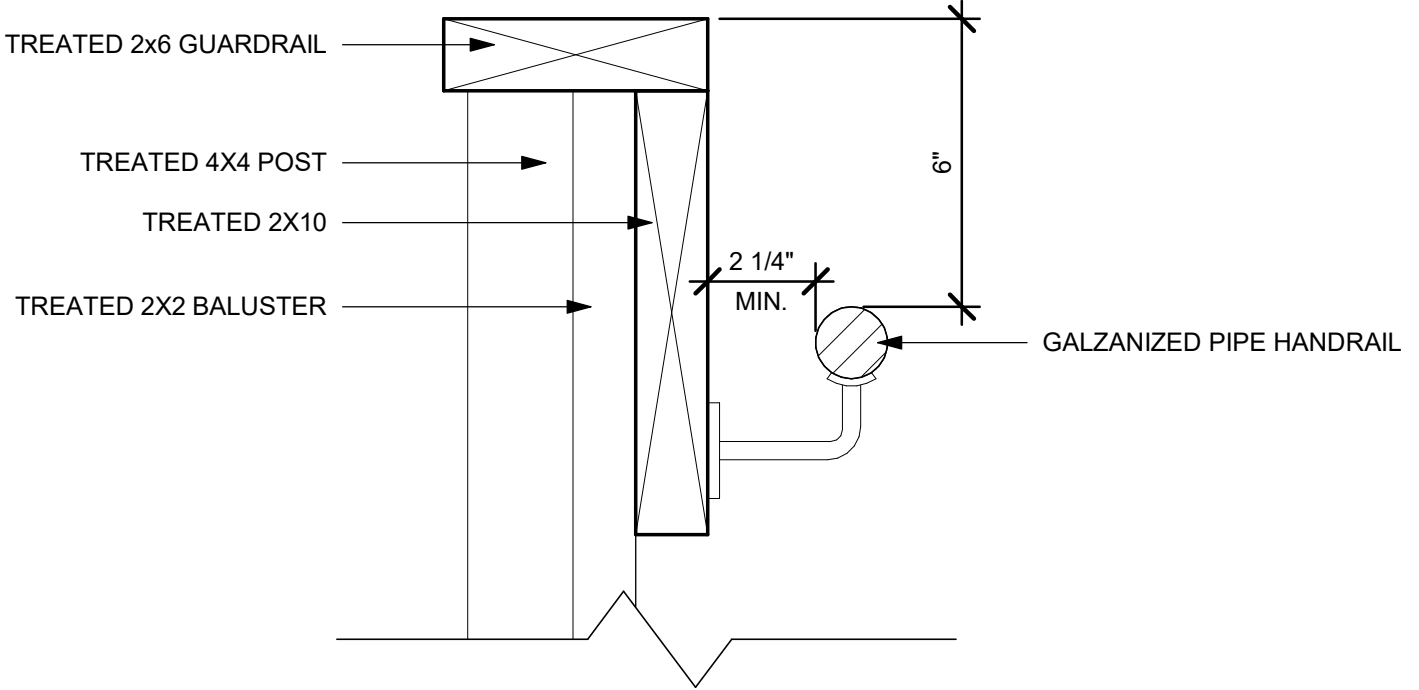
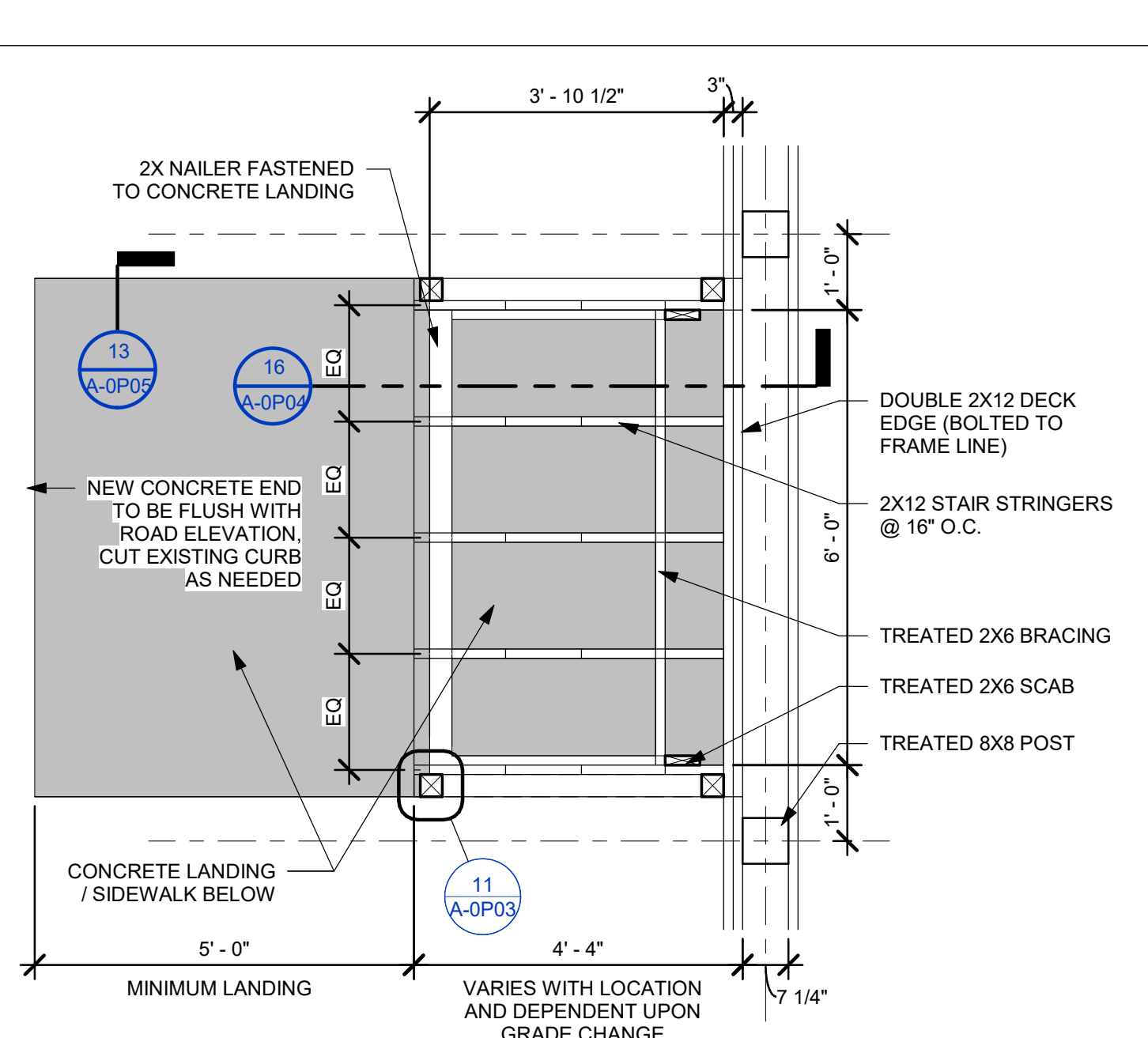
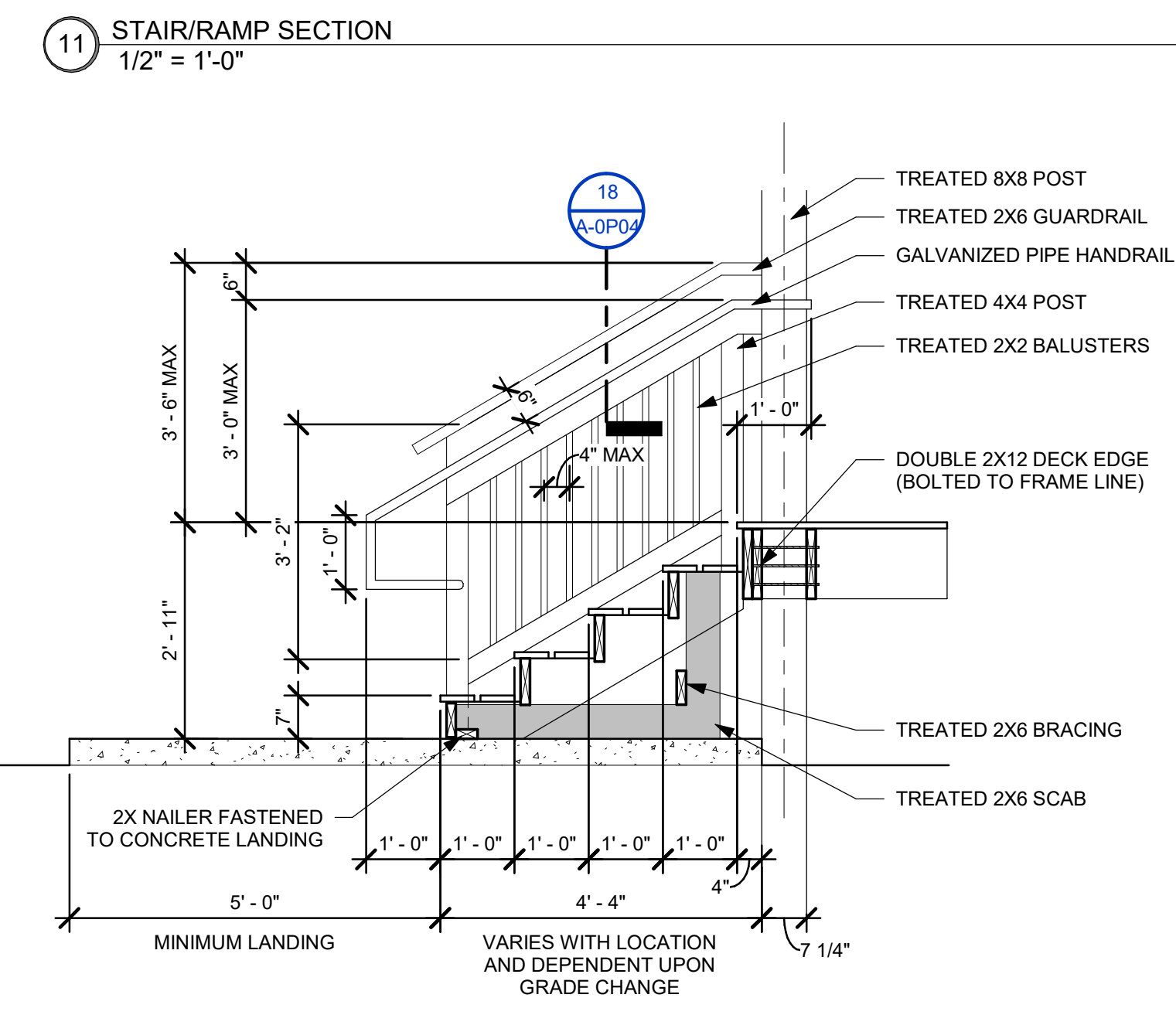
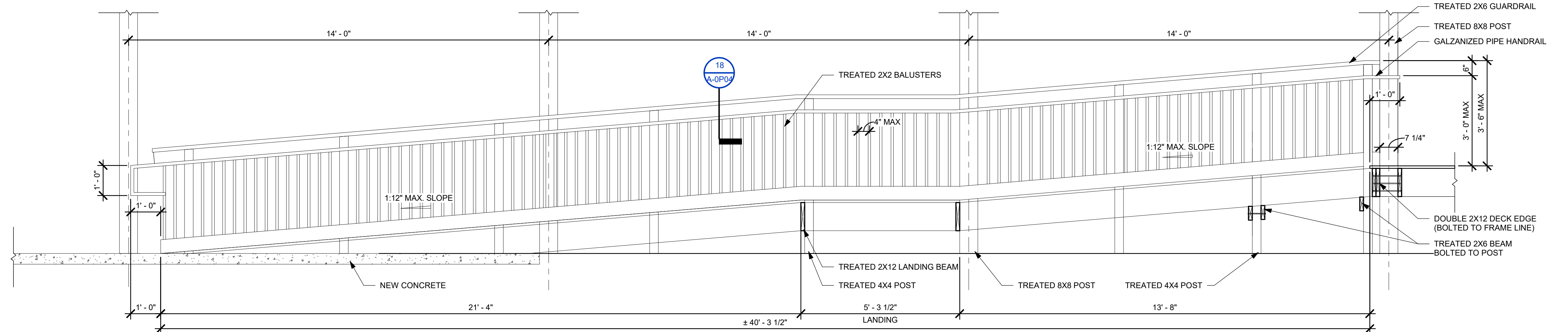
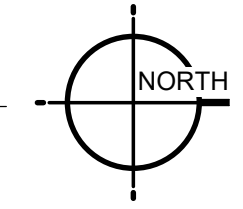
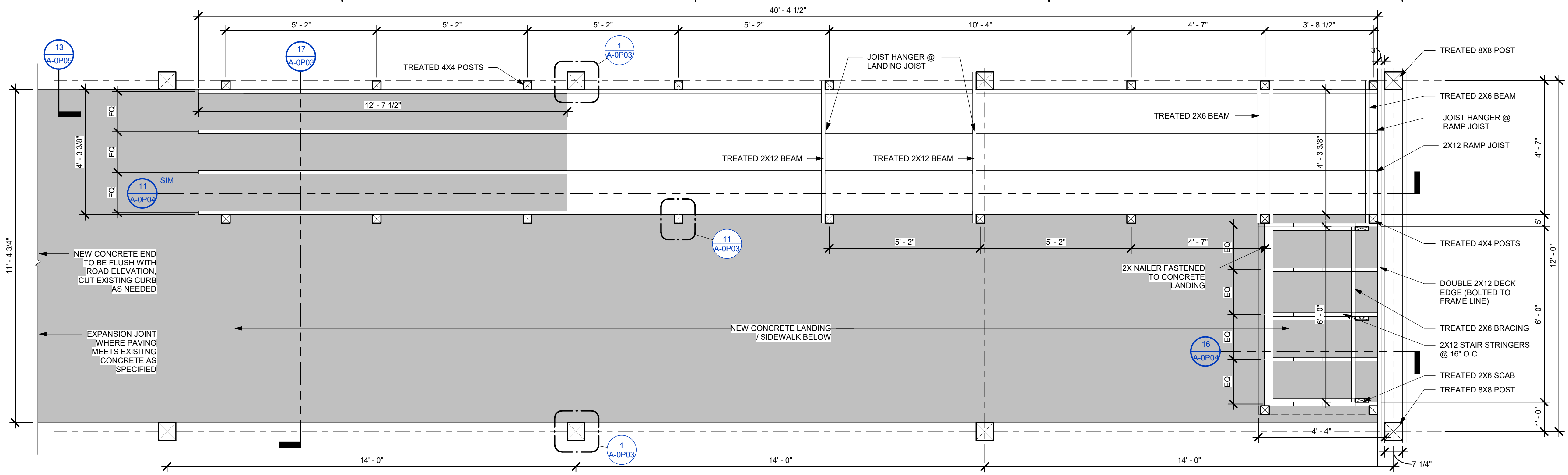
PROJECT NO. 20042-01
OWNER PROJECT NO. HL-738-01.02
PROJECT MANAGER

DATE ISSUED
PROJECT DRIVEN

A	ADDENDUM 4	2022.02.25
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16A
A-OP03
PORTABLES - ELEVATED DECK DETAILS

2/25/2022 10:26:15 AM



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725 KIRBY STREET
LAKE CHARLES, LOUISIANA
OFFICE: 337.436.3036
FAX: 337.466.3773

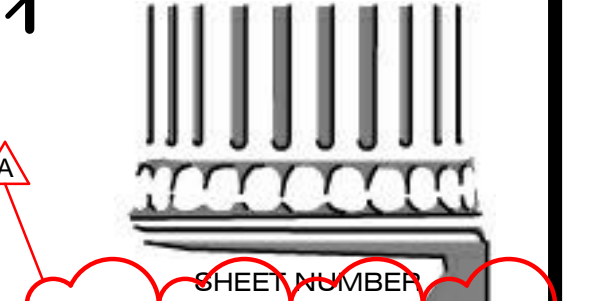


LA LICENSE NO. 4086

HURRICANE LAURA REPAIRS
**GYMS & CAFETERIA REPAIRS
MODULAR BLDG INSTALL**
FOR
CALCASIEU PARISH SCHOOL BOARD
A.M. BARBE HIGH SCHOOL
2200 W. MCNEESE ST., LAKE CHARLES, LA
HL-003-08

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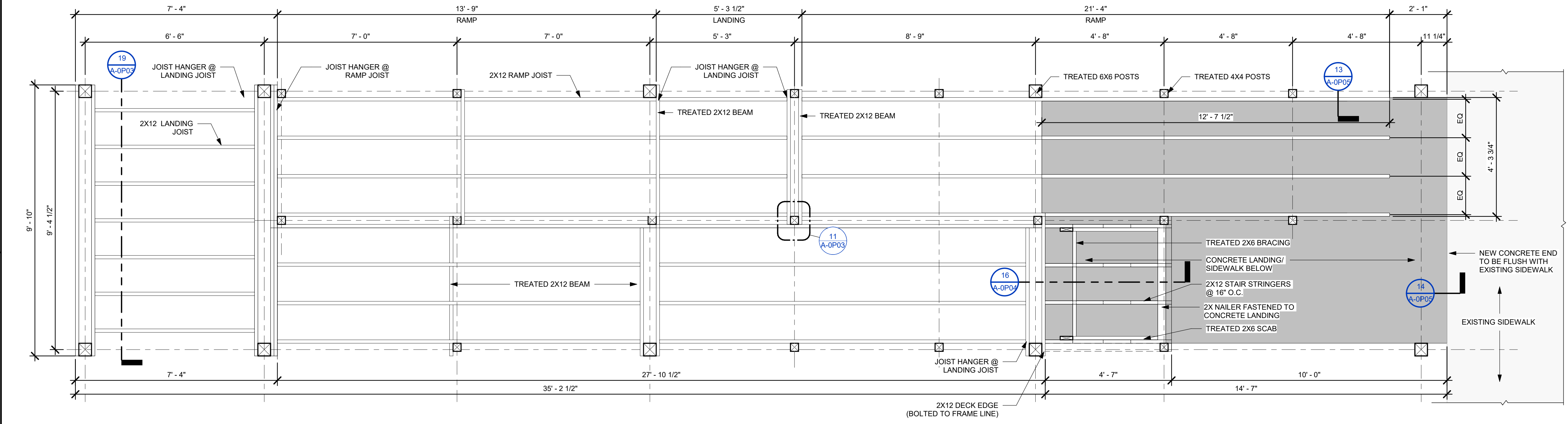
RMG PROJECT NO. 20042-01H	
OWNER PROJECT HL NO. HL-003-09	
PROJECT MANAGER DAVID BOREL	
DATE ISSUED 01.14.2022	
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A	ADDENDUM 4 2022.02.25



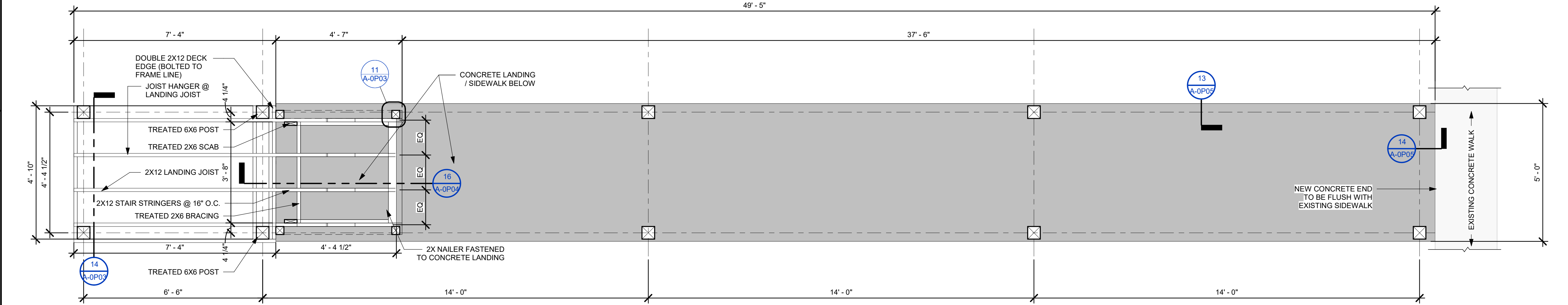
A-0P04
PORTABLES - STAIRS &
RAMP DETAILS

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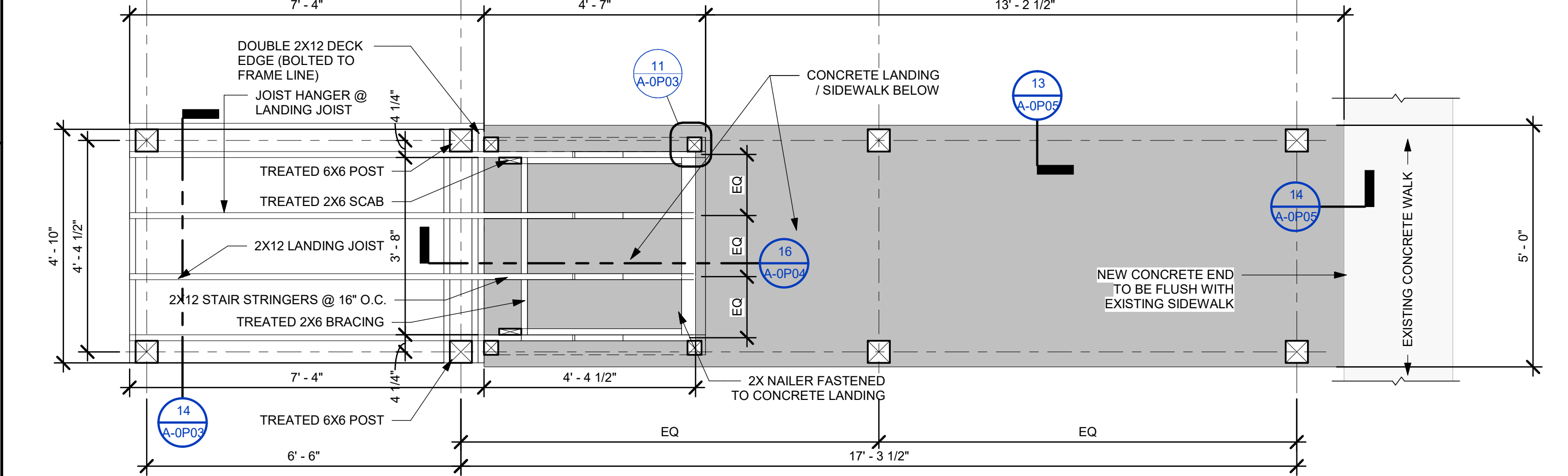
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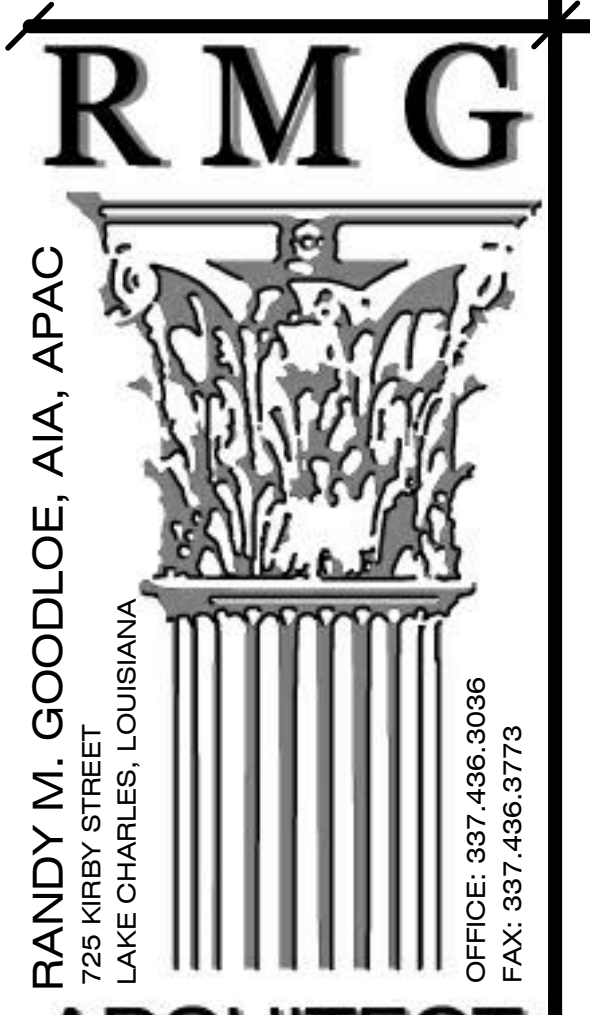
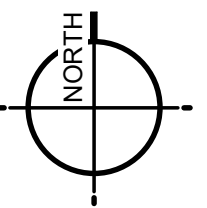
3 STAIR/RAMP FRAMING PLAN BH-01/BH-02
1/2" = 1'-0"



2 STAIR FRAMING PLAN BH-02
1/2" = 1'-0"



1 STAIR FRAMING PLAN BH-01
1/2" = 1'-0"



RANDY M. GOODLOE, AIA, APAC
 725 KIRBY STREET
 LAKE CHARLES, LOUISIANA
 OFFICE: 337.436.3036
 FAX: 337.466.3773

ARCHITECT

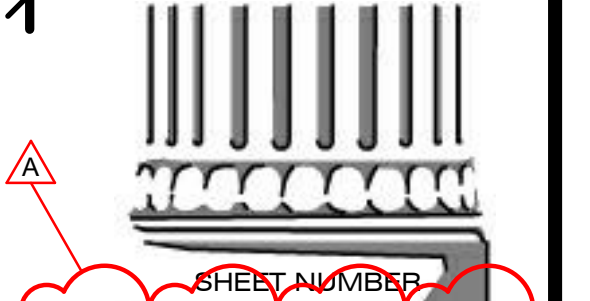


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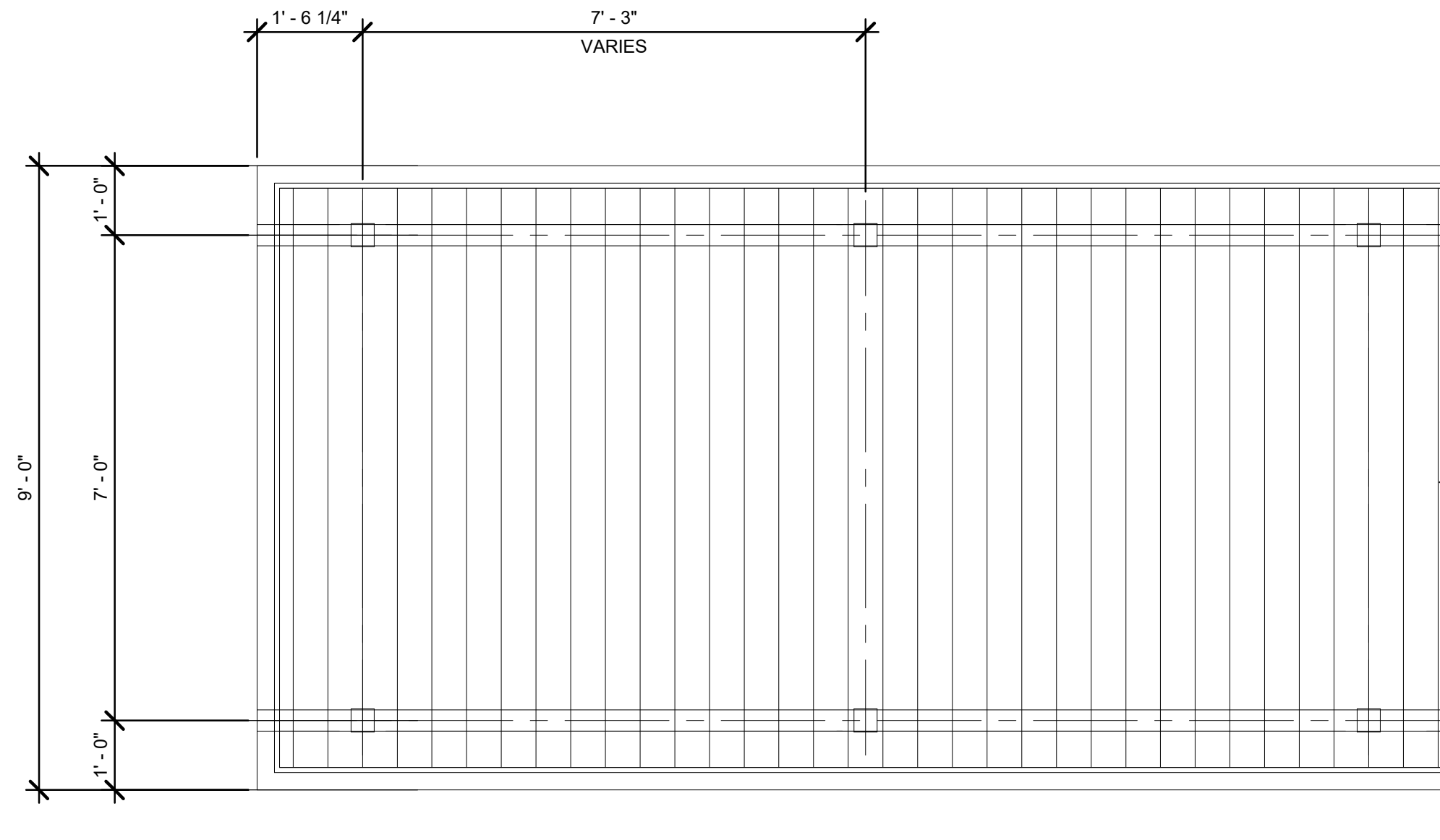
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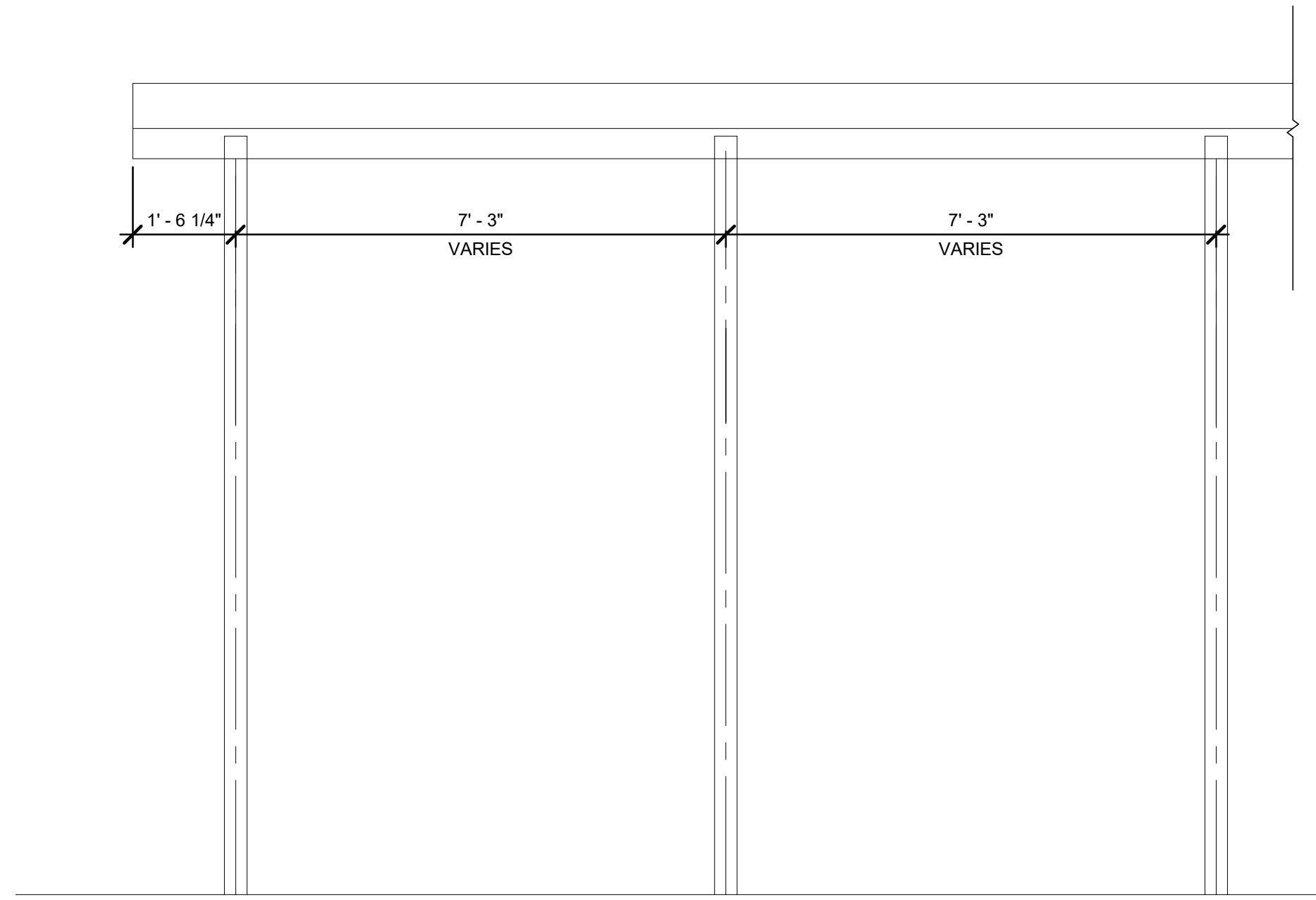
RMG PROJECT NO. 20042-01H	
OWNER PROJECT HL NO. HL-003-09	
PROJECT MANAGER DAVID BOREL	
DATE ISSUED 01.14.2022	
REVISED	
A	ADDENDUM 4 2022.02.25



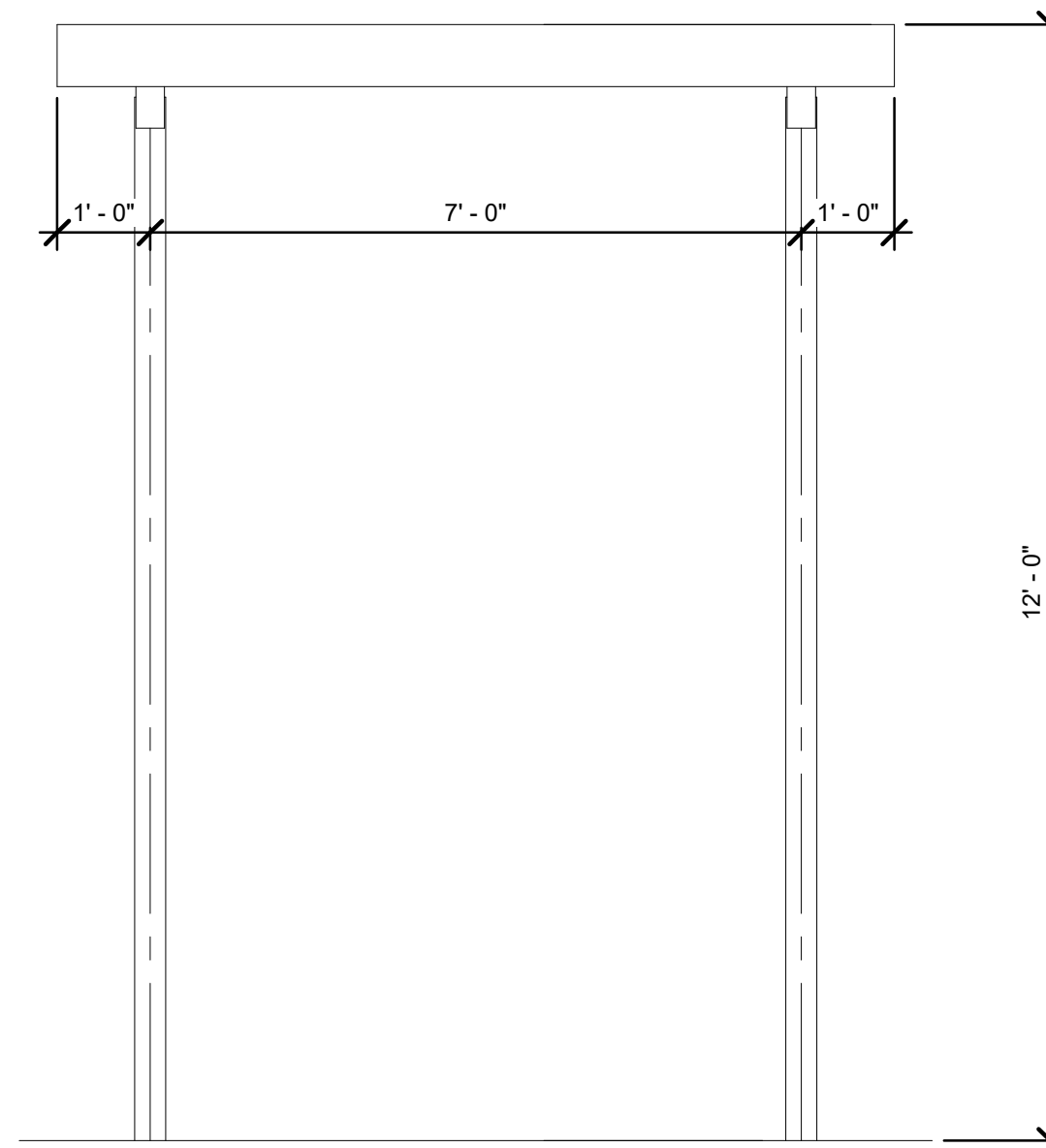
A-0P07
 BH-01/02 STAIR & RAMP
 DETAILS



6 CANOPY PLAN
1/2" = 1'-0"



16 CANOPY ELEVATIONS
1/2" = 1'-0"



2/25/2022 10:26:16 AM



HURRICANE LAURA REPAIRS
**GYMS & CAFETERIA REPAIRS
 MODULAR BLDG INSTALL**
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PROJECT MANAGER DAVID BOREL	
DATE ISSUED 01.14.2022	
REVISED	
A	ADDENDUM 4 2022.02.25

SHEET NUMBER
A-0P08
 POST SUPPORTED
 CANOPY PLAN &
 ELEVATIONS

Abatement Addendum Number 1
February 24, 2022

Calcasieu Parish School Board

Asbestos Abatement at Barbe High School

Engineer's Project Number: 20046

Owner's Project Number: HL-003-09

The following changes, additions, deletions or alterations to the Specifications or Drawings shall be incorporated into the Specifications and Drawings for the above captioned project and acknowledged in the Contractor's Proposal and in the agreement between Owner and Contractor.

Item 1 Contractor shall demolish and dispose of materials as required to access asbestos containing materials. Contractor shall remove and dispose of as regulated asbestos containing materials all soffit materials beneath aggregate panels removed during work of this project. Contractor shall remove and dispose of Celotex as asbestos containing materials. Coordinate demolition and abatement phasing with General Contractor as required.

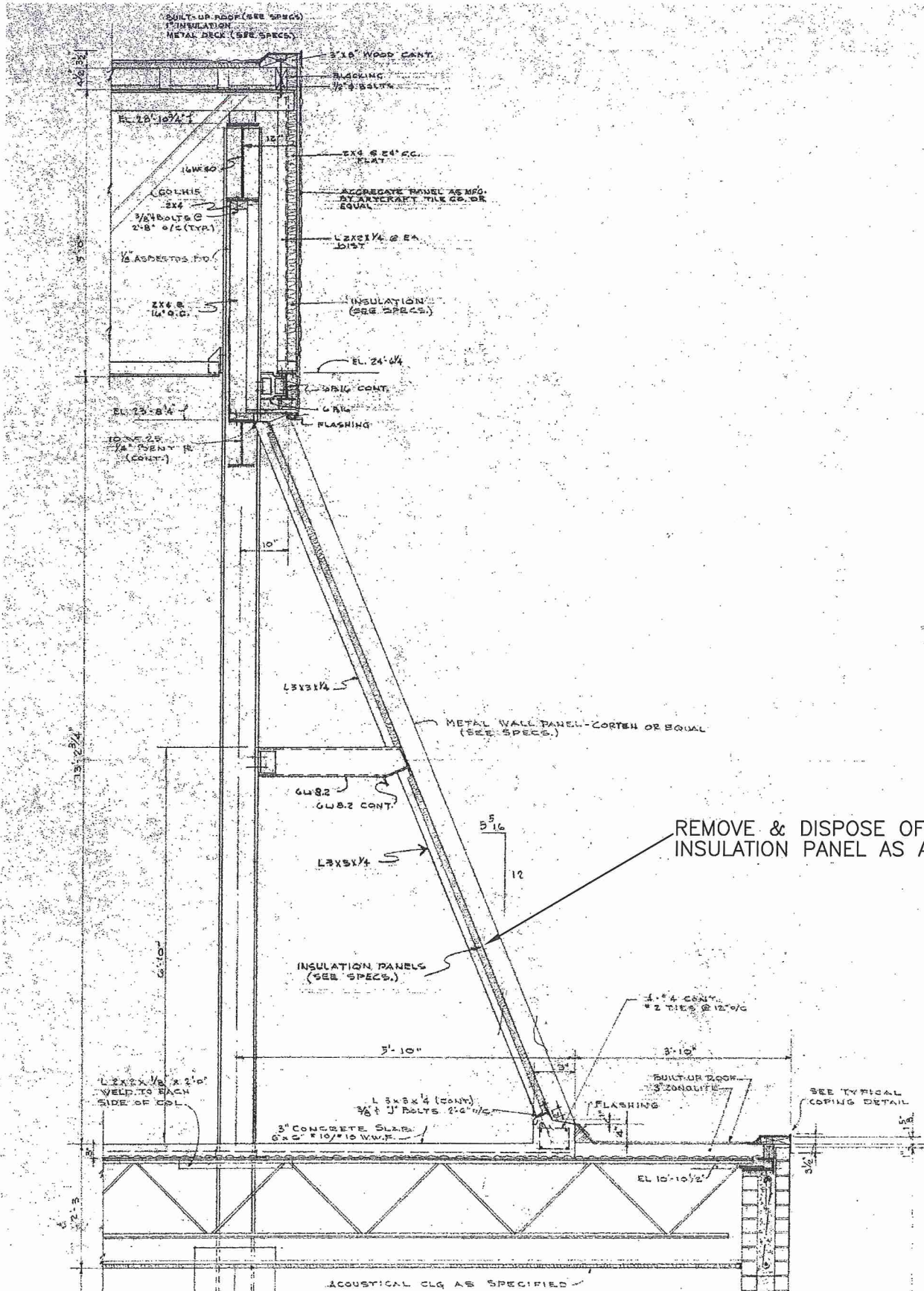
Item 2 Add Drawing Sheet 4 of 4 dated 2/24/22 to project drawings.

This Addendum Number 1 contains:

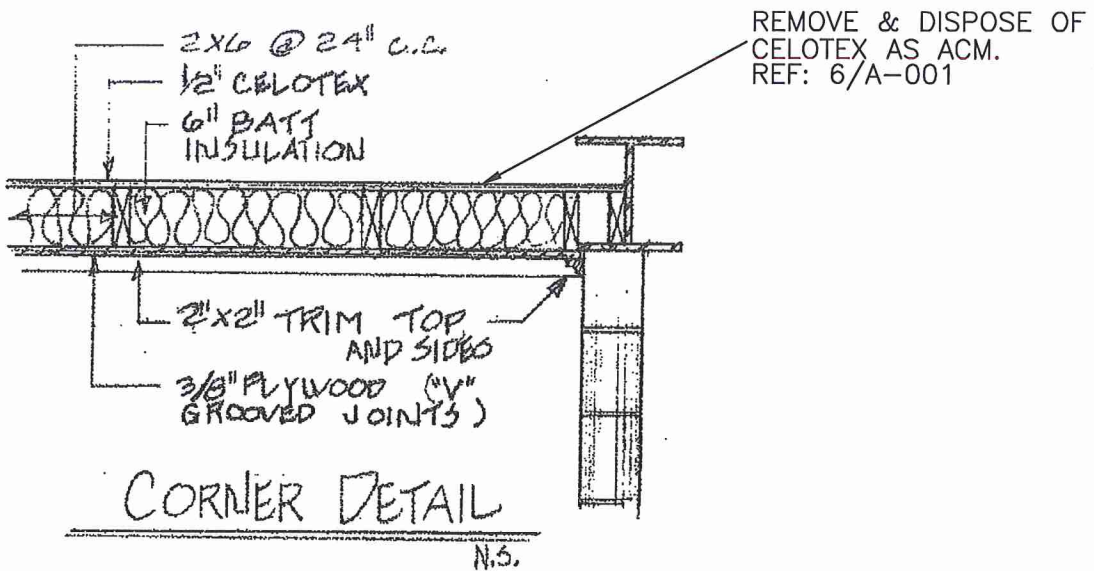
- Items 1-2 (1 page).
- Drawing Sheet 1 of 1, dated 2/24/22 (1 11" x 17" sheet)

End of Abatement Addendum Number 1





GIRL'S GYM WALL DETAIL - N.T.S.



BOY'S GYM WALL DETAIL - N.T.S.

REMOVE & DISPOSE OF INSULATION PANEL AS ACM.

REMOVE & DISPOSE OF CELOTEX AS ACM. REF: 6/A-001

CLIENT: CALCASIEU PARISH SCHOOL BOARD
PROJECT: BARBE HIGH SCHOOL HL-003-09
SHEET: ABATEMENT ADDENDUM 1



PROJECT NUMBER		
20046		
REVISION		
NO.	DATE	BY
DRAWN BY:		CMW
CHECKED BY:		CMW
DATE:		2/24/22
SCALE:		NONE
SHEET 4 OF 4		

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◆ THIS DRAWING IS APPROVED FOR CONSTRUCTION
◇ THIS DRAWING IS NOT APPROVED FOR CONSTRUCTION

February 24, 2022

Mr. David Borel
Randy M. Goodloe, AIA, APAC Architect
725 Kirby Street
Lake Charles, LA 70601

RE: Barbe High School – Gyms, Cafeteria, and Modulars
Mechanical and Electrical Addendum
ADG #20300

David,

Please include the following mechanical, plumbing and electrical addendum items in your next addendum:

MECHANICAL ITEMS:

1. Drawings:

- a. Sheet M-4 – Barbe Building J Mechanical Details: The attached Sheet M-4R1 (full size) shall replace the sheets that were previously issued as part of the construction documents.
- b. Sheet M-5 – Barbe Building M Mechanical Details: The attached Sheet M-5R1 (full size) shall replace the sheets that were previously issued as part of the construction documents.
- c. Sheet M-4.J.3 – Barbe Re-roofing Bldg. H&J: The attached Sheet M-4.J.3R1 (full size) shall replace the sheets that were previously issued as part of the construction documents.
- d. Sheet M-4.M.1 – Barbe Re-roofing Bldg. M: The attached Sheet M-4.M.1R1 (full size) shall replace the sheets that were previously issued as part of the construction documents.
- e. Sheet P-0P0 – Barbe Portables Overall Plumbing Site Plan: The attached Sheet P-0P0R1 (full size) shall replace the sheets that were previously issued as part of the construction documents.
- f. Sheet P-0P1 – Barbe Portables - Site Plan BH-05, 06, 09 & 10: The attached Sheet P-0P1R1 (full size) shall replace the sheets that were previously issued as part of the construction documents.
- g. Sheet P-0P2 – Barbe Portables - Site Plan BH-01, 01, 03 & 4: The attached Sheet P-0P2R1 (full size) shall replace the sheets that were previously issued as part of the construction documents.
- h. Sheet E-0P0 – Barbe Portables Overall Electrical Site Plan: The attached Sheet E-0P0R1 (full size) shall replace the sheet that was previously issued as part of the construction documents.
- i. Sheet E-0P1 – Barbe Portables Site Plan BH-05, 06, 07, 08, 09 & 10: The attached Sheet E-0P1 (full size) is a new sheet added to the project with an issue date of 02-24-2022.
- j. Sheet E-0P1A – Barbe Portables Plan BH-09 & 10: The attached Sheet E-0P1A (full size) is a new sheet added to the project with an issue date of 02-24-2022.
- k. Sheet E-0P1B – Barbe Portables Plan BH-05, 06, 07 & 08: The attached Sheet E-0P1B (full size) is a new sheet added to the project with an issue date of 02-24-2022.
- l. Sheet E-0P2 – Barbe Portables Site Plan BH-01, 02, 03 & 04: The attached Sheet E-0P2 (full size) is a new sheet added to the project with an issue date of 02-24-2022.

- m. Sheet E-OP2A – Barbe Portables Plan BH-01 & 02: The attached Sheet E-OP2A (full size) is a new sheet added to the project with an issue date of 02-24-2022.
 - n. Sheet E-OP2B – Barbe Portables Plan BH-05 & 08: The attached Sheet E-OP2B (full size) is a new sheet added to the project with an issue date of 02-24-2022.
2. Prior Approvals: Subject to compliance with the provisions of the Contract/Documents, Specifications, the following manufacturers may be substituted.

<u>MANUFACTURER</u>	<u>PRODUCT</u>
MetalAire	Grilles
Z-Vent	Boiler Vent
Electric Unit Heaters	Raywall
Fan Coil Units	Daikin Applied
Light Fixtures	Acuity Brands

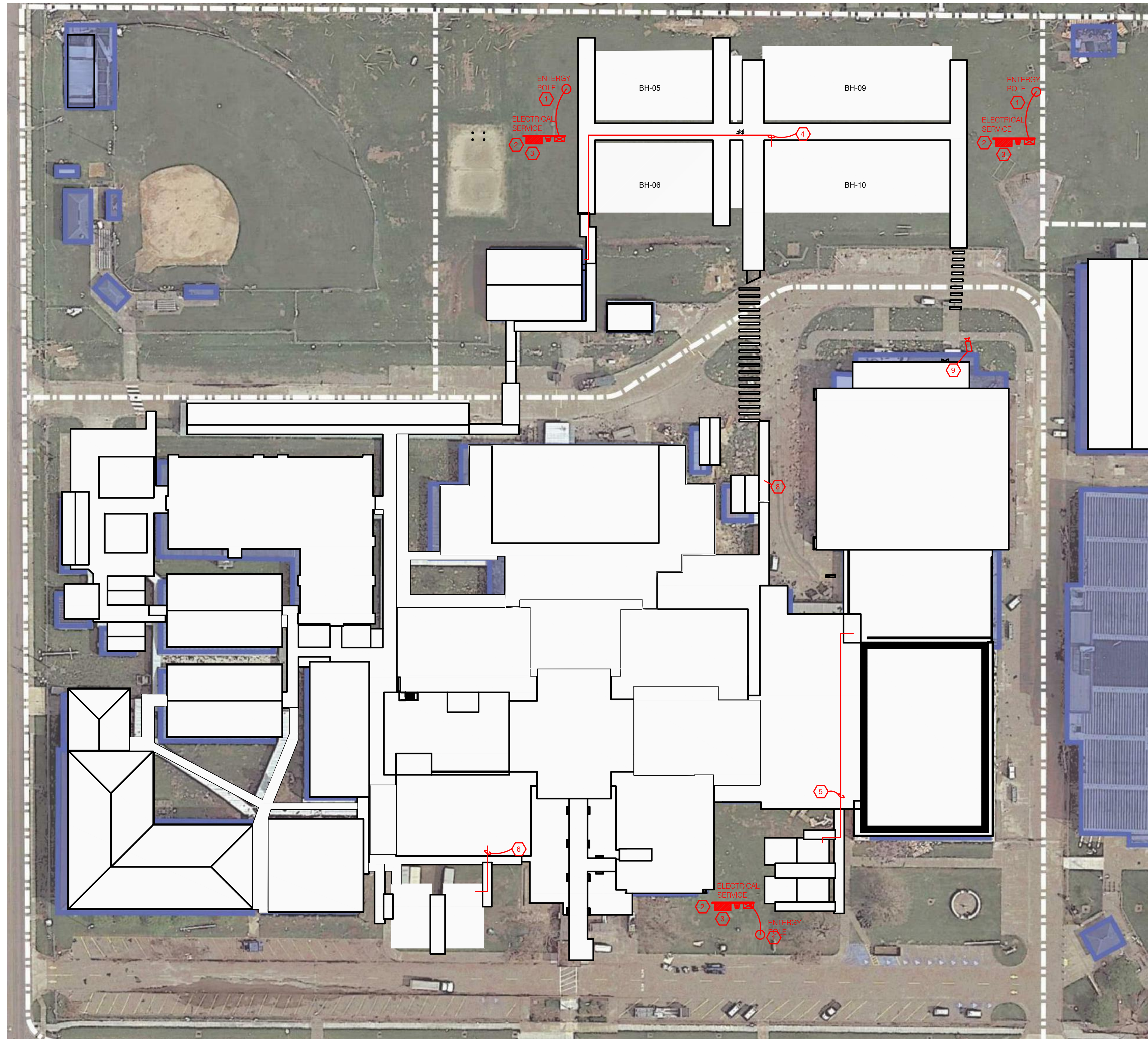
Contractor shall note that prior approval is by manufacturer's name only. Contractor shall ensure that the products used in preparation of his proposal and proposed to be used on this project, is equivalent to that specified in appearance, performance, size, installation type, and shape. Any material found to not be equivalent to that specified will be rejected. Prior approval of one manufacturer does not automatically prior approve any subsidiary company, parent company and/or sister company and their associated products.

- 3. Reference sheet E-1 (Bldg J Girls Gym Lighting): Contractor shall delete the requirement for new sports fixtures in the girls gym. Existing LED fixtures to remain. Delete the requirement for a new control system.
- 4. Reference all electrical sheets for cafeteria, boys gym, and girls gym: Any existing fire alarm devices or intercom devices to be removed during construction shall be coordinated with Sylvan Sound. Devices shall be labeled and stored for re-installation. Contractor is responsible for any cut or removed fire alarm wiring and intercom wiring.
- 5. Reference all electrical sheets for cafeteria, boys gym, and girls gym: Any existing cameras or wireless access points to be removed during construction shall be coordinated with CPSB IT department. Devices shall be labeled and stored for re-installation. Contractor is responsible for any cut or removed camera or communications cabling.

If you have any questions, please contact our office.

Thanks,

Tom Van Deventer
Senior Electrical Project Manager
ADG Engineering



1 Portables Electrical Site Plan - Main Campus
1" = 50'-0"



2 Canopy Addition
1/16" = 1'-0"

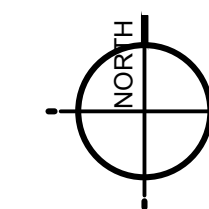
GENERAL NOTES:

- A. THE CONTRACTOR SHALL VISIT THE SITE AND THOROUGHLY FAMILIARIZE HIMSELF OR HERSELF WITH THE SITE CONDITIONS VERIFYING THAT THE WORK CAN BE PERFORMED AS DESCRIBED IN THESE DRAWINGS, PRIOR TO SUBMITTING A BID.
- B. THE CONTRACTOR SHALL COORDINATE ALL SITE WORK WITH LOCAL UTILITIES PRIOR TO ANY ROUGH-INS.
- C. CONTRACTOR SHALL PROPERLY SEAL PENETRATIONS TO RATED ASSEMBLIES AND ALL EXTERIOR WALLS TO PROPERLY MAINTAIN RATING & ASSEMBLIES AND BUILDING ENVELOPE.
- D. FURTHERMORE, THE CONTRACTOR SHALL AT ALL TIMES CONSULT WITH THE ENGINEER AND FOLLOW DIRECTIVES ISSUED BY THE ENGINEER WHICH WILL INSURE THE CONTINUED SAFE FUNCTIONING OF THE OWNERS OPERATIONS. THE CONTRACTOR SHALL MINIMIZE ENCUMBRANCES TO THE OWNERS OPERATIONS AT ALL TIMES AND SHALL NOTIFY THE ENGINEER OF ANY WORK AFFECTING THE OPERATION OF THE OWNER AT LEAST THREE DAYS PRIOR TO PERFORMING SAID WORK.
- E. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO COMMENCING CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION. DIMENSIONS AND CONDITIONS TYING INTO OR GOVERNED BY EXISTING CONSTRUCTION ARE APPROXIMATE AND ARE NOT PURPORTED TO BE CORRECT. ALL SUCH DIMENSIONS AND CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO PERFORMING, PREPARING SHOP DRAWINGS, OR ORDERING MATERIALS.
- F. THE CONTRACTOR SHALL ASK FOR DETAILS AND/OR INSTRUCTIONS WHEN UNCERTAIN HOW TO PROCEED. THE LACK OF NOT REQUESTING DETAILS DOES NOT EXCUSE SLOPPY OR IMPROPER WORK. CORRECTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AT NO COSTS TO THE OWNER.
- G. CONTRACTOR MUST COMPLY WITH 2017 NEC AND ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.
- H. CONTRACTOR SHALL REFER TO ALL OTHER PORTIONS OF THE CONTRACT DOCUMENTS (PLANS, SPECIFICATIONS, ADDENDA, ARCHITECTURAL SUPPLEMENTAL INSTRUCTIONS AND ANY APPROVED CHANGE ORDERS) AND PROVIDE ALL EQUIPMENT AND DEVICES AS IF ORIGINALLY INCLUDED ON THE PLANS. IF THERE ARE ANY DISCREPANCIES, CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING PRIOR TO ORDERING EQUIPMENT, ROUGH-IN FOR EQUIPMENT AND/OR INSTALLATION OF EQUIPMENT.
- I. COORDINATE ALL IT WORK WITH CPSS IT DEPARTMENT PRIOR TO STARTING ANY WORK. ALL DIRECTIONS FOR IT WORK SHALL COME FROM CPSS IT DEPARTMENT.

ELECTRICAL KEYNOTES:

- 1 CONTRACTOR SHALL COORDINATE FINAL CONNECTIONS WITH ENTERGY. SEE RISER SHEETS FOR MORE INFORMATION.
- 2 PROVIDE A UNISTRUT RACK AND INSTALL CT CAN, METER, AND NEW PANEL MDP. SEE RISER SHEETS FOR MORE INFORMATION.
- 3 SEE RISER SHEETS FOR DIAGRAMS. CONDUITS SHALL BE RUN FROM MAIN DISTRIBUTION PANEL UNDERGROUND TO TERMINATION POINTS AT PANELS ON PORTABLE BUILDINGS. CONTRACTOR SHALL COORDINATE TERMINATION REQUIREMENTS WITH PORTABLE BUILDING MANUFACTURER PRIOR TO ROUGH IN. NOTE ON RISER SHEET E-0P5 THE FEEDS FROM PANEL MDP (BH-01, 02, 03, 04) GOING TO BUILDINGS BH-03 AND BH-04 SHALL BE DIRECTIONALLY BORED FROM SERVICE LOCATION TO ASSOCIATED BUILDING PANELS.
- 4 CONTRACTOR SHALL RUN A 3" EMT CONDUIT OVER TO BLUE BELL BUILDING AND CONTINUE OVER EXISTING NETWORK RACK LOCATED ABOVE THE OFFICE. PROVIDE A G60c/SFP AT EXISTING NETWORK RACK. RUN 12 STRAND ARMORED MULTIMODE OM3 OUTDOOR FIBER CABLE AND COORDINATE FINAL TERMINATIONS WITH CPSS NETWORK OPERATIONS DEPARTMENT. INTERCOM AND FIRE ALARM SHALL SHARE STRANDS. INTERCOM RACK TO BE PROVIDED BY SYLVAN SOUND. PROVIDE 120V, 20A/1P CIRCUIT.
- 5 CONTRACTOR SHALL RUN A 3" EMT OVER TO THE BOILER ROOM IN THE CAFETERIA BUILDING. RUN ABOVE CEILING AND CONTINUE OVER EXISTING NETWORK RACK IN THE GIRL'S DRESSING ROOM. PROVIDE A G60c/SFP AT EXISTING NETWORK RACK. RUN 12 STRAND ARMORED MULTIMODE OM3 OUTDOOR FIBER CABLE AND COORDINATE FINAL TERMINATIONS WITH CPSS NETWORK OPERATIONS DEPARTMENT. INTERCOM AND FIRE ALARM SHALL SHARE STRANDS. INTERCOM RACK TO BE PROVIDED BY SYLVAN SOUND. PROVIDE 120V, 20A/1P CIRCUIT.
- 6 CONTRACTOR SHALL RUN A 3" EMT OVER TO THE CLASSROOM BUILDING 'A'. RISE TO ABOVE CEILING AND CONTINUE OVER EXISTING NETWORK RACK IN THE STORAGE ROOM. PROVIDE A G60c/SFP AT EXISTING NETWORK RACK. RUN 12 STRAND ARMORED MULTIMODE OM3 OUTDOOR FIBER CABLE AND COORDINATE FINAL TERMINATIONS WITH CPSS NETWORK OPERATIONS DEPARTMENT. INTERCOM AND FIRE ALARM SHALL SHARE STRANDS. INTERCOM RACK TO BE PROVIDED BY SYLVAN SOUND. PROVIDE 120V, 20A/1P CIRCUIT.
- 7 CONTRACT SHALL FURNISH AND INSTALL LIGHT FIXTURES TYPE 'PA' AT THE NEW PORTION OF THE CANOPY. MOUNT FIXTURES TO THE BOTTOM OF THE CANOPY. COORDINATE FINAL LOCATIONS WITH CANOPY LAYOUT. CONNECT TO NEAREST EXISTING EXTERIOR LIGHT CIRCUIT WITH AVAILABLE CAPACITY, AND SWITCH THROUGH PHOTOCELL.
- 8 SEE DRAWING NO. 2 ON THIS SHEET.
- 9 IP CAMERA SHALL BE OWNER FURNISHED AND CONTRACTOR INSTALLED. CONTRACTOR SHALL RUN A PINK CAT 6 ARMORED CABLE FROM CAMERA TO ABOVE CEILING IN GYM BUILDING AND DROP DOWN AT NETWORK RACK.

NOTE:
REFER TO ARCHITECTURAL DRAWINGS
FOR ALL DIMENSIONS.



ASSOCIATED DESIGN GROUP, INC.
3909 W Congress Street, Suite 201
Lafayette, Louisiana 70506
Phone: (337) 234-5710
Email: adginc@adginc.org

Project No. 20300



RANDY M. GOODLOE, AIA, APAC
725 KIRBY STREET
LAKE CHARLES, LOUISIANA

OFFICE: 337.436.3036
FAX: 337.436.3773

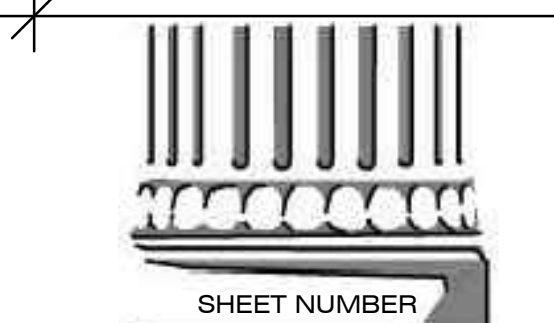


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MODULAR BLDG INSTALL**
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CALCASIEU PARISH SCHOOL BOARD
A.M. BARBE HIGH SCHOOL
2200 W. MCNEESE ST., LAKE CHARLES, LA
HL-003-08

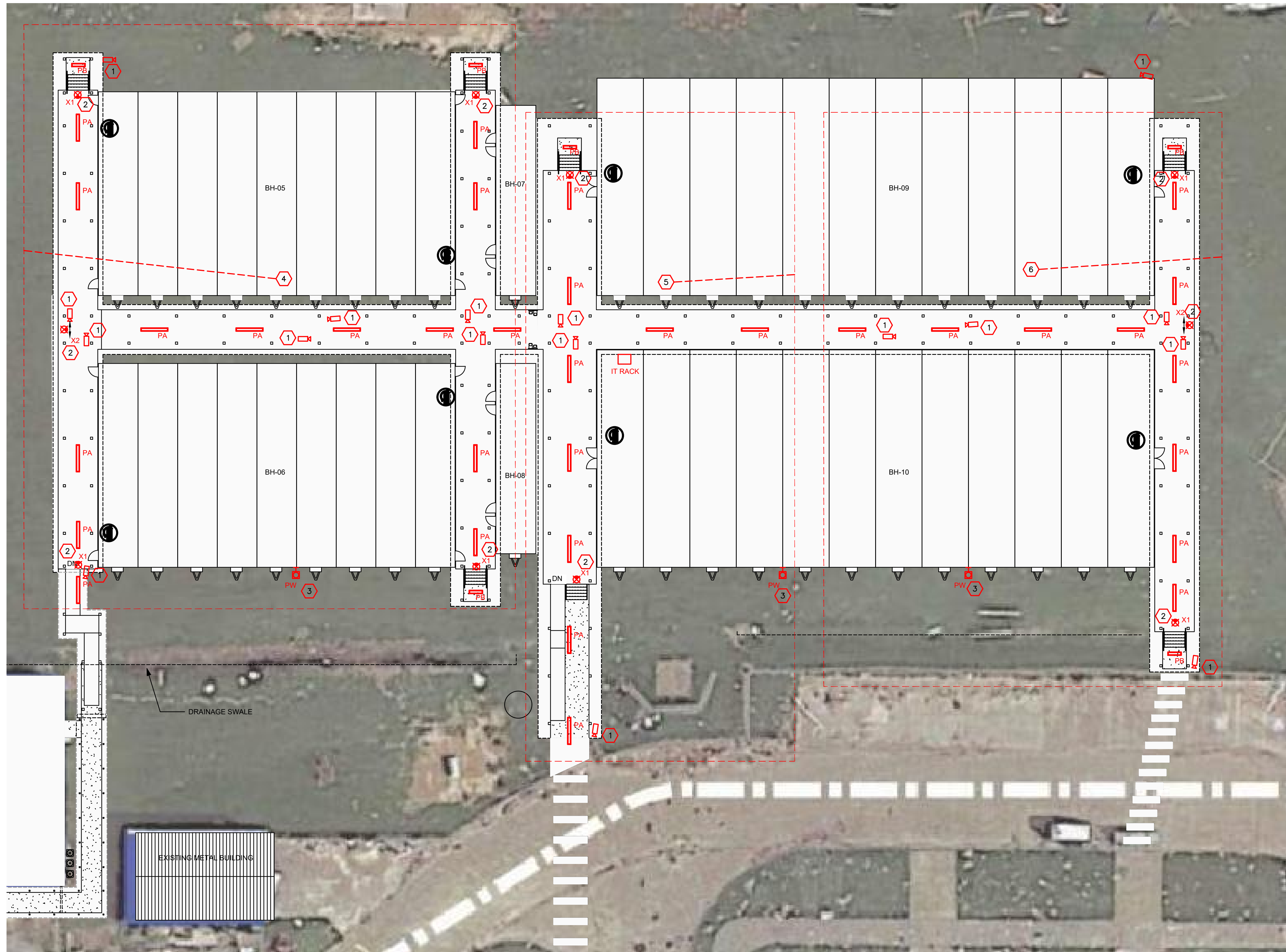
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RMG PROJECT NO.
20042-01H
OWNER PROJECT HL NO.
HL-003-09
PROJECT MANAGER
TV/DS
DATE ISSUED
01.14.2022

REVISED	
1	Addendum No.4 2/24/2022



E-0P0R1
PORTABLES OVERALL
ELEC. SITE PLAN



1 Electrical Site Plan - Portable Buildings North
1/16" = 1'-0"

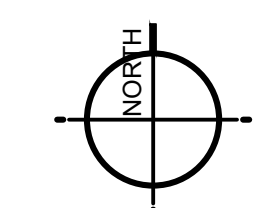
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- D. FURTHERMORE, THE CONTRACTOR SHALL AT ALL TIMES CONSULT WITH THE ENGINEER AND FOLLOW DIRECTIVES ISSUED BY THE ENGINEER WHICH WILL INSURE THE CONTINUED SAFE FUNCTIONING OF THE OWNERS OPERATIONS. THE CONTRACTOR SHALL MINIMIZE ENCUMBRANCES TO THE OWNER'S OPERATIONS AT ALL TIMES AND SHALL NOTIFY THE ENGINEER OF ANY WORK AFFECTING THE OPERATION OF THE OWNER AT LEAST THREE DAYS PRIOR TO PERFORMING SAID WORK.
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- I. COORDINATE ALL IT WORK WITH CPSS IT DEPARTMENT PRIOR TO STARTING ANY WORK. ALL DIRECTIONS FOR IT WORK SHALL COME FROM CPSS IT DEPARTMENT.
- J. CONTRACTOR SHALL USE SYLVAN SOUND FOR ALL INTERCOM AND FIRE ALARM WORK. SYLVAN SOUND WILL PROVIDE TURNKEY PACKAGES FOR INTERCOM AND FIRE ALARM TYING INTO EXISTING SYSTEMS.
- K. INTERCOM AND FIRE ALARM DEVICES INSTALLED UNDER COVERED WALKWAY SHALL BE LISTED FOR OUTDOOR USE.
- L. EXIT SIGNS SHALL BE LISTED FOR OUTDOOR USE.
- M. SEE ARCHITECTURAL DRAWINGS FOR CANOPY ELEVATIONS, DETAILS, AND CONFIGURATIONS.

ELECTRICAL KEYNOTES:

- 1 IP CAMERAS SHALL BE OWNER FURNISHED AND CONTRACTOR INSTALLED. CONTRACTOR SHALL RUN A PINK CAT 6 ARMORED CABLE FROM CAMERAS ALONG CANOPY TO ABOVE CEILING IN BUILDING 10 AND DROP DOWN AT NETWORK RACK.
- 2 EXIT SIGNS SHALL BE CONNECTED TO ASSOCIATED LIGHTING CIRCUIT UNSWITCHED FOR 24 HOUR OPERATION.
- 3 MOUNT LIGHT FIXTURE 'PW' ON EXTERIOR WALL OF BUILDING AND CIRCUIT PER THE RECTANGLE AREA SHOWN. MOUNT AT 10' ABOVE GROUND.
- 4 LIGHT FIXTURES LOCATED IN THE RECTANGLE SHALL BE CIRCUITED TOGETHER AND SWITCHED THROUGH A PHOTOCELL. CONNECT TO BUILDING PANEL 'E' IN BUILDING 05 AND PROVIDE A NEW 20A/1P CIRCUIT BREAKER IN PANEL.
- 5 LIGHT FIXTURES LOCATED IN THE RECTANGLE SHALL BE CIRCUITED TOGETHER AND SWITCHED THROUGH A PHOTOCELL. CONNECT TO BUILDING PANEL 'K' IN BUILDING 09 AND PROVIDE A NEW 20A/1P CIRCUIT BREAKER IN PANEL.
- 6 LIGHT FIXTURES LOCATED IN THE RECTANGLE SHALL BE CIRCUITED TOGETHER AND SWITCHED THROUGH A PHOTOCELL. CONNECT TO BUILDING PANEL 'C' IN BUILDING 09 AND PROVIDE A NEW 20A/1P CIRCUIT BREAKER IN PANEL.

NOTE:
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ASSOCIATED DESIGN GROUP, INC.
3909 W Congress Street, Suite 201
Lafayette, Louisiana 70506
Phone: (337) 234-5710
Email: adginc@adginc.org
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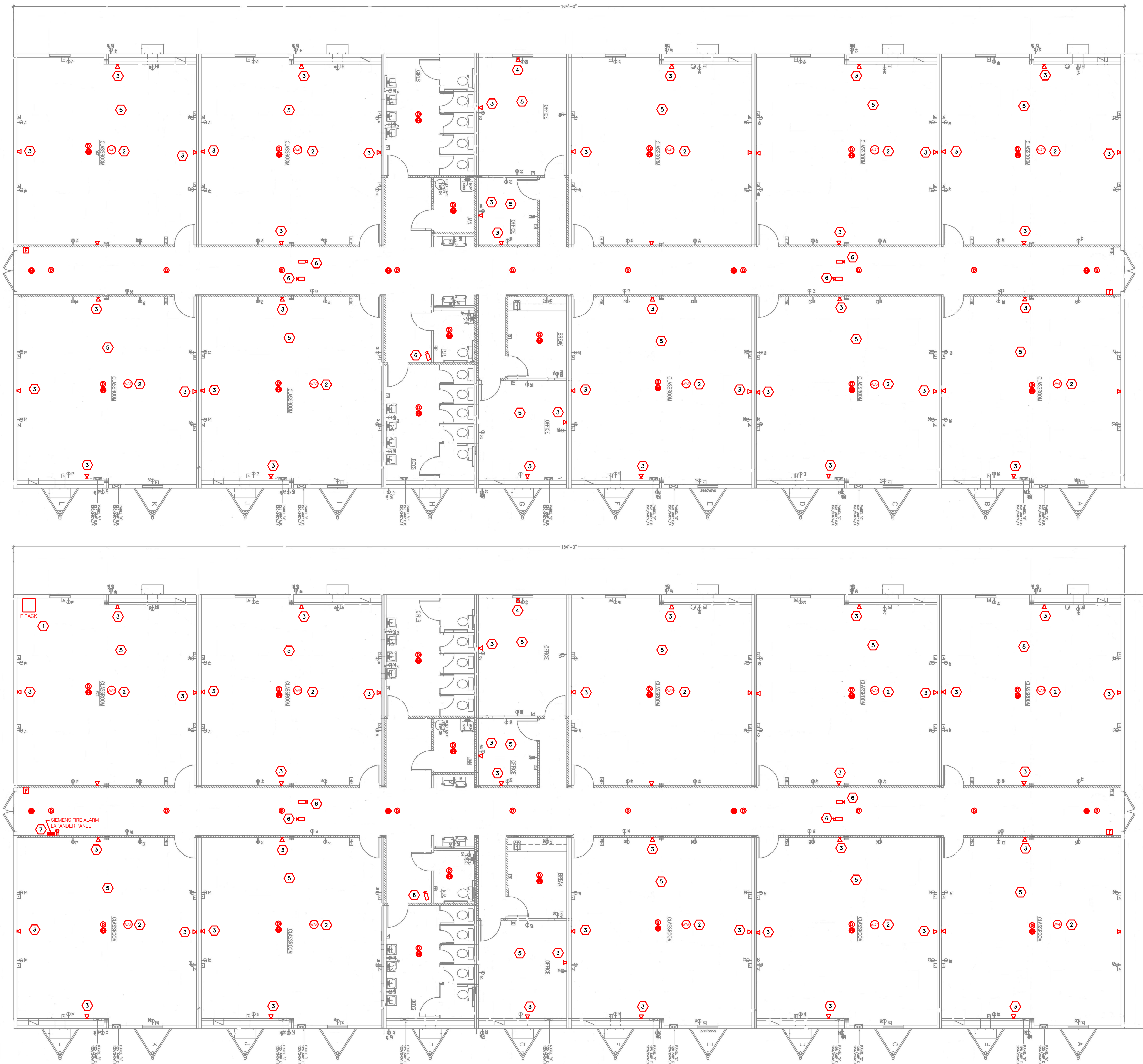


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RMG PROJECT NO. 20042-01H
OWNER PROJECT HL NO. HL-003-09
PROJECT MANAGER TV/DS
DATE ISSUED 02.24.2022
REVISED

SHEET NUMBER
E-0P1
PORTABLES - SITE
PLAN BH-05, 06, 07, 08, 09, 10



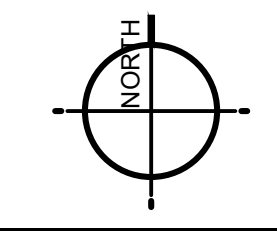
ELECTRICAL KEYNOTES:

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- 2 WIRELESS ACCESS POINT SHALL BE OWNER FURNISHED AND CONTRACTOR INSTALLED. CONTRACTOR SHALL RUN A CAT 6 ARMORED CABLE FROM WIRELESS ACCESS POINT ABOVE CEILING AND DROP DOWN AT NETWORK RACK.
- 3 CONTRACTOR SHALL ADD A JUNCTION BOX AND RUN A 3/4" CONDUIT UP WALL TO ABOVE CEILING. RUN TWO (2) CAT 6 ARMORED CABLES AT JUNCTION BOX UP THE WALL AND OVER TO NETWORK RACK. PROVIDE A TWO PORT DATA JACK AND FACEPLATE. FACEPLATE COLOR TO MATCH EXISTING OUTLETS.
- 4 CONTRACTOR SHALL RUN TWO (2) CAT 6 ARMORED CABLES AT JUNCTION BOX UP THE WALL AND OVER TO NETWORK RACK. PROVIDE A TWO PORT DATA JACK AND FACEPLATE. FACEPLATE COLOR TO MATCH EXISTING OUTLETS.
- 5 CONTRACTOR TO PROVIDE DEVICES IN EACH CLASSROOM AND OFFICE USING NEW TELECOR ESERIES INTERCOM SYSTEM INCLUDING, HUBS, CALL SWITCHES, SPEAKERS, CABLING, ALL MISCELLANEOUS DEVICES, AND ALL COMPONENTS REQUIRED FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM. PROVIDE A SINGLE GANG SWITCHBOX WITH 3/4" C STUBBED UP FROM SWITCHBOX INTO CEILING ADJACENT TO DOOR FRAME FOR EACH ROOM. COORDINATE WITH SYLVAN SOUND FOR A TURNKEY INTERCOM SYSTEM WHICH WILL USE A HYBRID CONNECTION TO EXISTING TELECOR II SYSTEM IN MAIN BUILDING.
- 6 IP CAMERAS SHALL BE OWNER FURNISHED AND CONTRACTOR INSTALLED. CONTRACTOR SHALL RUN A PINK CAT 6 ARMORED CABLE FROM CAMERAS ABOVE CEILING AND DROP DOWN AT NETWORK RACK.
- 7 COORDINATE WITH SYLVAN SOUND FOR NEW FIRE ALARM EXPANDER PANEL AND ALL DEVICES SHOWN ON THE PLAN. CONTRACTOR SHALL PROVIDE 120V POWER FOR NEW EXPANDER PANEL.

FIRE ALARM GENERAL NOTES:

- A. INDICATING CIRCUIT LAYOUT SHALL BE BASED ON 1.5 AMP PER INDICATING CIRCUIT. AVAILABLE NUMBER AND LAYOUT OF CIRCUITS MAY BE REVISED UPON APPROVAL OF THE ENGINEER IF AVAILABLE INDICATING APPLIANCE POWER PER CIRCUIT DIFFERS FROM THE 1.5 AMP UTILIZED IN DESIGN. HOWEVER THE DESIGN SHALL NOT RESULT IN A LOAD GREATER THAN (80) EIGHTY PERCENT OF THE AVAILABLE POWER FOR THE ALARM INDICATING CIRCUIT.
- B. ALL WIRE/CABLE FOR INITIATING AND INDICATING CIRCUITS SHALL COMPLY WITH NFPA 70 ARTICLE 760. ALL WIRE SHALL BE RUN IN CONDUIT, WHERE WIRE IS SUBJECT TO DAMAGE, WHICH SHALL BE RUN IN NEAT AND ORDERLY MANNER AS HIGH AS POSSIBLE.
- C. FIRE ALARM STROBE SIGNALS SHALL CONTINUE TO FLASH, AFTER AUDIBLE SIGNALS ARE SILENCED, UNTIL SYSTEM IS RESET.
- D. SEAL PENETRATIONS OF RATED WALLS TO MAINTAIN THE INTEGRITY OF THE WALL ASSEMBLY.
- E. PENETRATIONS OF EXTERIOR WALLS AND ROOF DECK SHALL BE WEATHER PROOFED.
- F. ROUTING AND LOCATION OF EQUIPMENT AND CIRCUITS SHALL BE FIELD DETERMINED AND INDICATED ON AS-BUILT DRAWINGS. FINAL INSTALLATION SHALL BE IN STRICT COMPLIANCE WITH NFPA 72 AND ADAAG.
- G. FIRE ALARM CONTRACTOR SHALL COORDINATE CONDUIT AND CONDUCTOR SIZES WITH SYSTEMS VENDOR AND SHALL PROVIDE MATERIAL AS REQUIRED.
- H. SPEAKER/STROBES AND STROBES SUPPLIED FOR THIS JOB SHALL BE WHITE IN COLOR.
- I. PROVIDE AND INSTALL DITEK NO ZMHLPB-WS ON ALL INITIATING CIRCUITS ENTERING INTO THE BUILDING. PROVIDE AND INSTALL DEVICES IN JUNCTION BOX CONCEALED ABOVE ACCESSIBLE CEILING IMMEDIATELY AT BUILDING EXTERIOR WALL. PROPERLY GROUND DEVICE PER MANUFACTURER'S INSTRUCTIONS.
- J. CONTRACTOR SHALL COORDINATE FINAL LOCATIONS OF ALL CEILING MOUNTED DEVICES WITH FINAL LOCATIONS OF FACTORY INSTALLED LIGHT FIXTURES AND HVAC DIFFUSERS IN THE FIELD.

NOTE: REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.



NOTE: ALL ELECTRICAL DEVICES SHOWN ON ELECTRICAL PLAN ARE FACTORY INSTALLED AND WIRED UNLESS NOTED OTHERWISE.

NOTE: FIRE ALARM DEVICES SHOWN ARE PRESCRIPTIVE. FINAL DESIGN TO BE COMPLETED BY FIRE ALARM CONTRACTOR AND APPROVED BY FIRE MARSHALL PRIOR TO INSTALLATION.



ASSOCIATED DESIGN GROUP, INC.
 3909 W Congress Street, Suite 201
 Lafayette, Louisiana 70506
 Phone: (337) 234-5710
 Email: adginc@adginc.org
 Project No. 20300

RMG ARCHITECT
 RANDY M. GOODLOE, AIA, APAC
 725 KIRBY STREET
 LAKE CHARLES, LOUISIANA
 OFFICE: 337.436.3036
 FAX: 337.436.3773

STATE OF LOUISIANA
 David B. Stelly
 License No. 26070
 PROFESSIONAL ENGINEER

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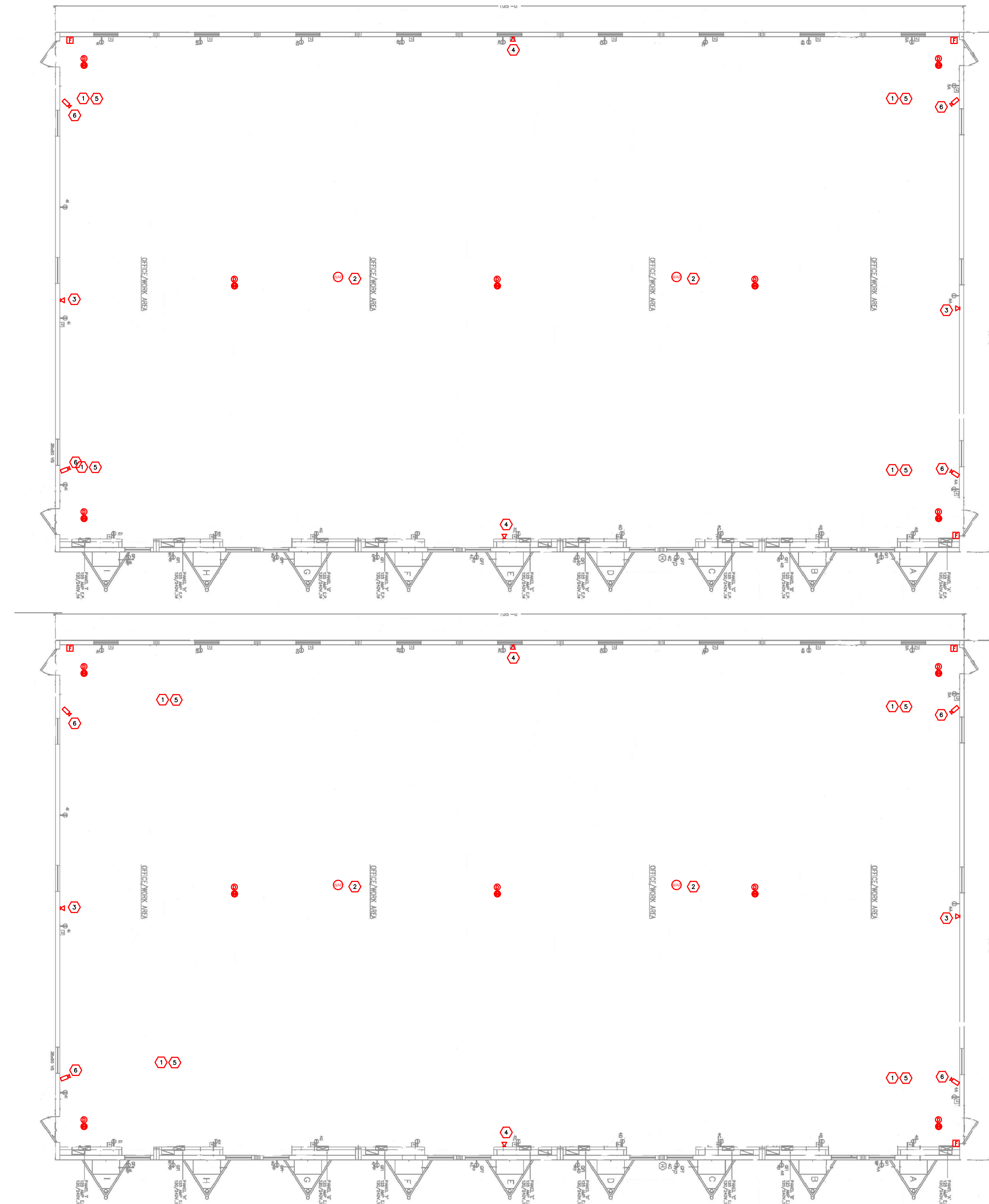
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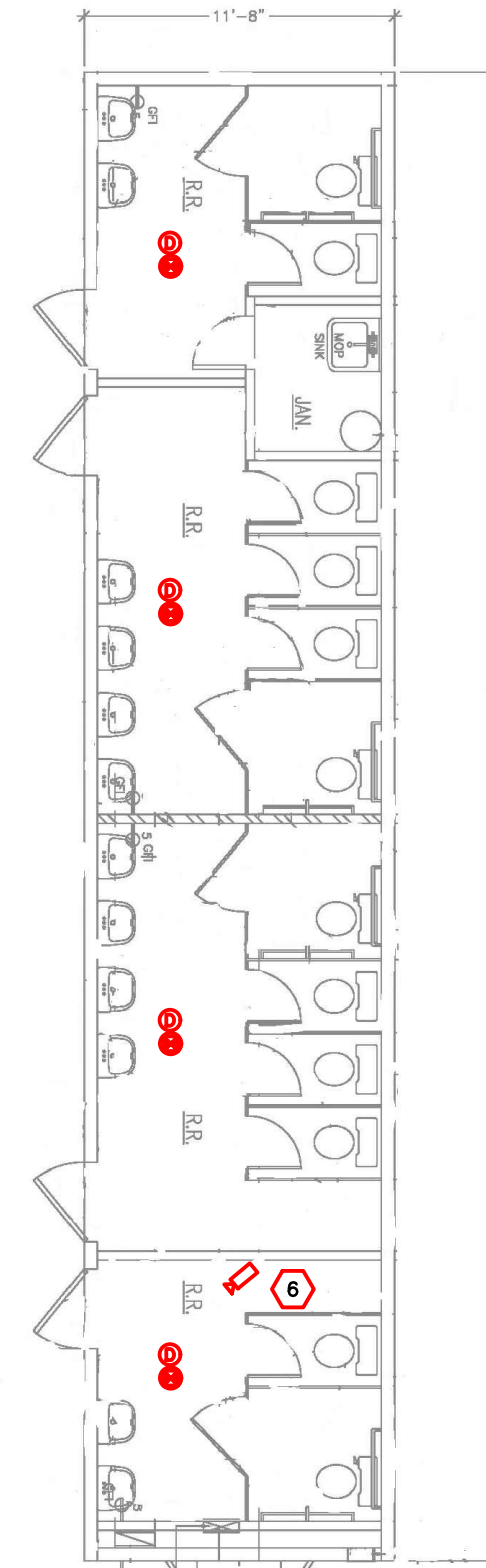
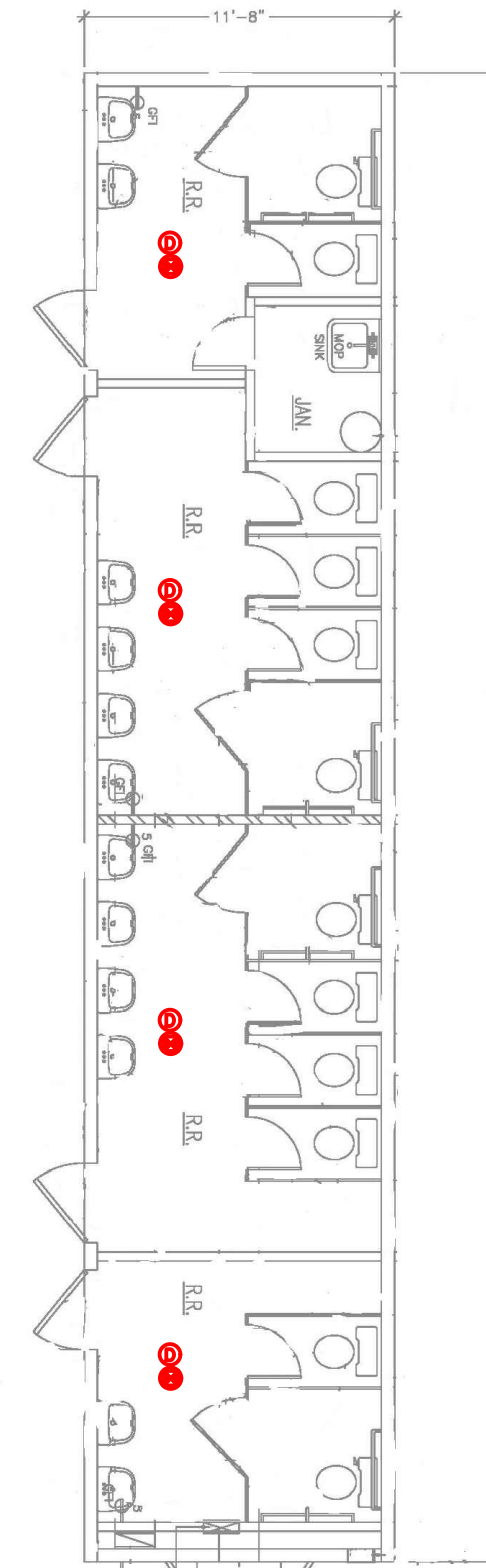
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SHEET NUMBER
E-0P1A
 PORTABLES - ELEC
 PLANS BH-09, 10

1 Portables Electrical Plans - BH-09 & BH-10
 N.T.S.



1 Portables Electrical Plans - BH-05, BH-06, BH-07, AND BH-08
N.T.S.



ELECTRICAL KEYNOTES:

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- 6 IP CAMERAS SHALL BE OWNER FURNISHED AND CONTRACTOR INSTALLED. CONTRACTOR SHALL RUN A PINK CAT 6 ARMORED CABLE FROM CAMERAS ABOVE CEILING AND DROP DOWN AT NETWORK RACK IN BUILDING 10.

FIRE ALARM GENERAL NOTES:

- A. INDICATING CIRCUIT LAYOUT SHALL BE BASED ON 1.5 AMP PER INDICATING CIRCUIT. AVAILABLE NUMBER AND LAYOUT OF CIRCUITS MAY BE REVISED UPON APPROVAL OF THE ENGINEER IF AVAILABLE INDICATING APPLIANCE POWER PER CIRCUIT DIFFERS FROM THE 1.5 AMP UTILIZED IN DESIGN. HOWEVER, THE DESIGN SHALL NOT RESULT IN A LOAD GREATER THAN (80) EIGHTY PERCENT OF THE AVAILABLE POWER FOR THE ALARM INDICATING CIRCUIT.
- B. ALL WIRE/CABLE FOR INITIATING AND INDICATING CIRCUITS SHALL COMPLY WITH NFPA 70 ARTICLE 760. ALL WIRE SHALL BE RUN IN CONDUIT, WHERE WIRE IS SUBJECT TO DAMAGE, WHICH SHALL BE RUN IN NEAT AND ORDERLY MANNER AS HIGH AS POSSIBLE.
- C. FIRE ALARM STROBE SIGNALS SHALL CONTINUE TO FLASH, AFTER AUDIBLE SIGNALS ARE SILENCED, UNTIL SYSTEM IS RESET.
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- F. ROUTING AND LOCATION OF EQUIPMENT AND CIRCUITS SHALL BE FIELD DETERMINED AND INDICATED ON AS-BUILT DRAWINGS. FINAL INSTALLATION SHALL BE IN STRICT COMPLIANCE WITH NFPA 72 AND ADAAG.
- G. FIRE ALARM CONTRACTOR SHALL COORDINATE CONDUIT AND CONDUCTOR SIZES WITH SYSTEMS VENDOR AND SHALL PROVIDE MATERIAL AS REQUIRED.
- H. SPEAKER/STROBES AND STROBES SUPPLIED FOR THIS JOB SHALL BE WHITE IN COLOR.
- I. PROVIDE AND INSTALL DITEK NO ZMHLPB-WS ON ALL INITIATING CIRCUITS ENTERLEAVING THE BUILDING. PROVIDE AND INSTALL DEVICES IN JUNCTION BOX CONCEALED ABOVE ACCESSIBLE CEILING IMMEDIATELY AT BUILDING EXTERIOR WALL. PROPERLY GROUND DEVICE PER MANUFACTURER'S INSTRUCTIONS.
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NOTE:
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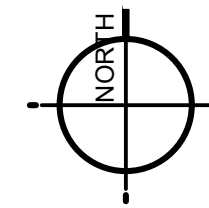
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3909 W Congress Street, Suite 201
Lafayette, Louisiana 70506
Phone: (337) 234-5710
Email: adginc@adginc.org

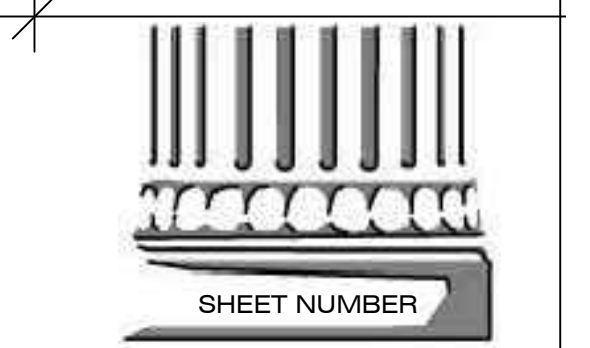
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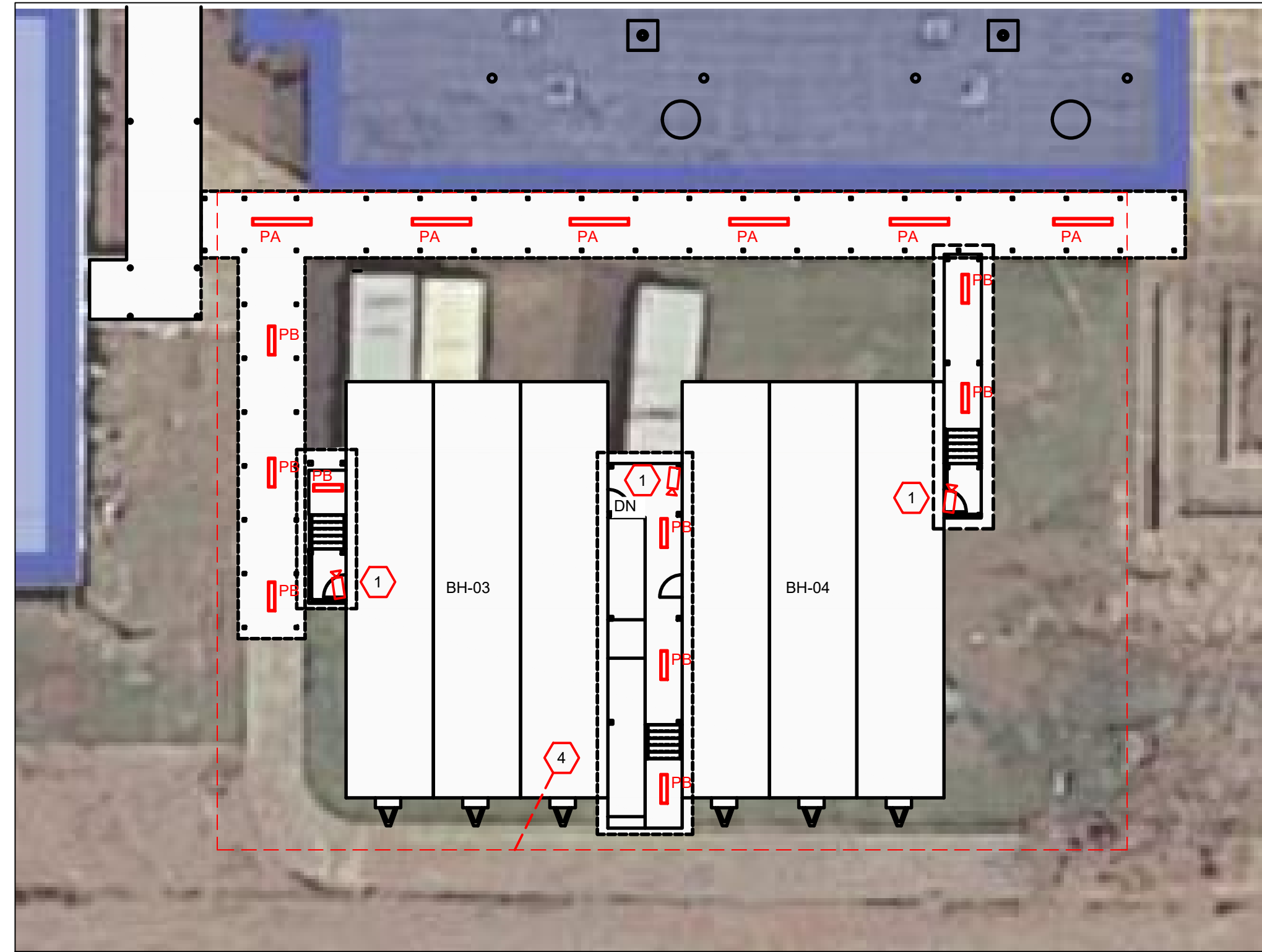
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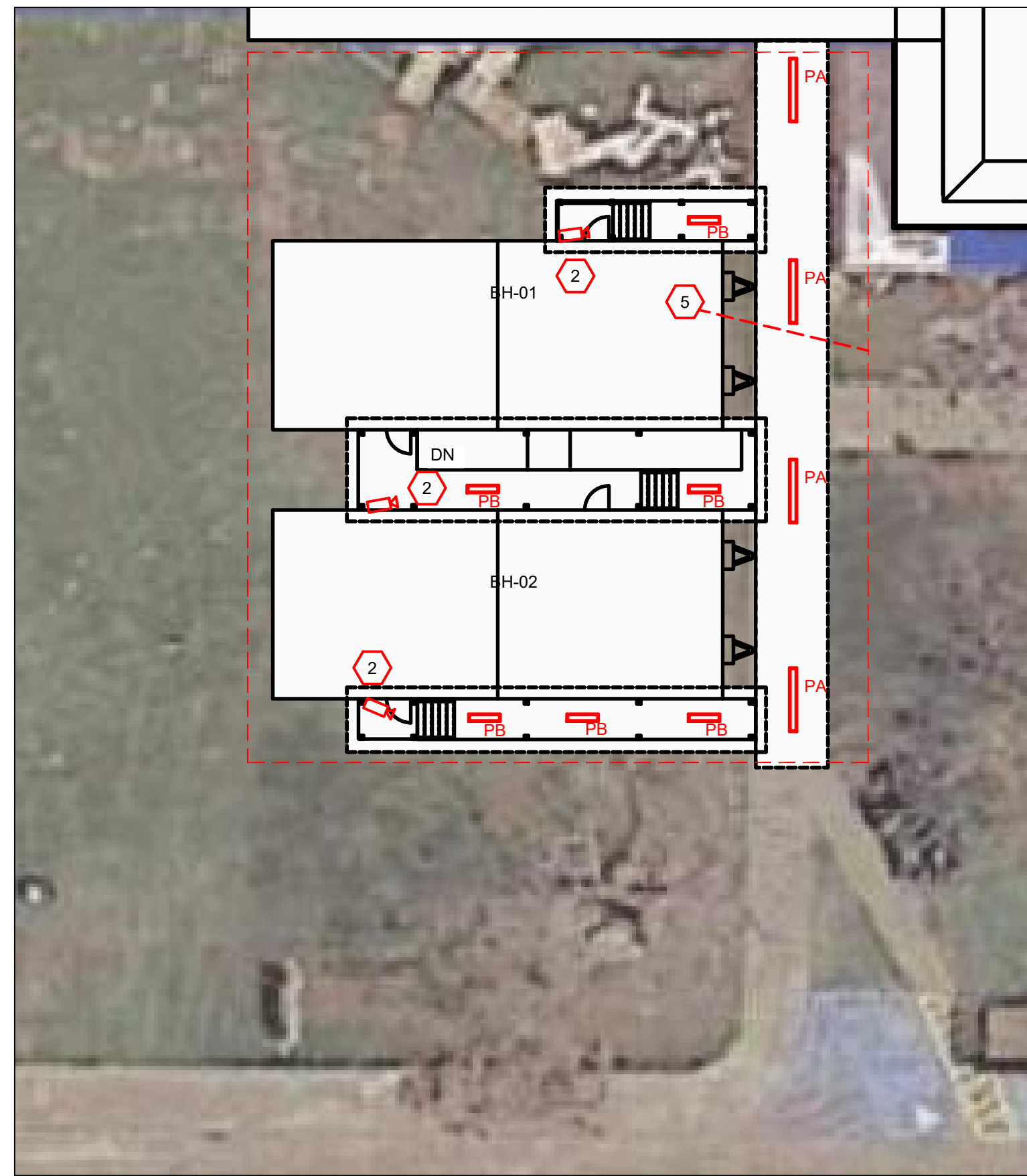
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DATE ISSUED
02.24.2022



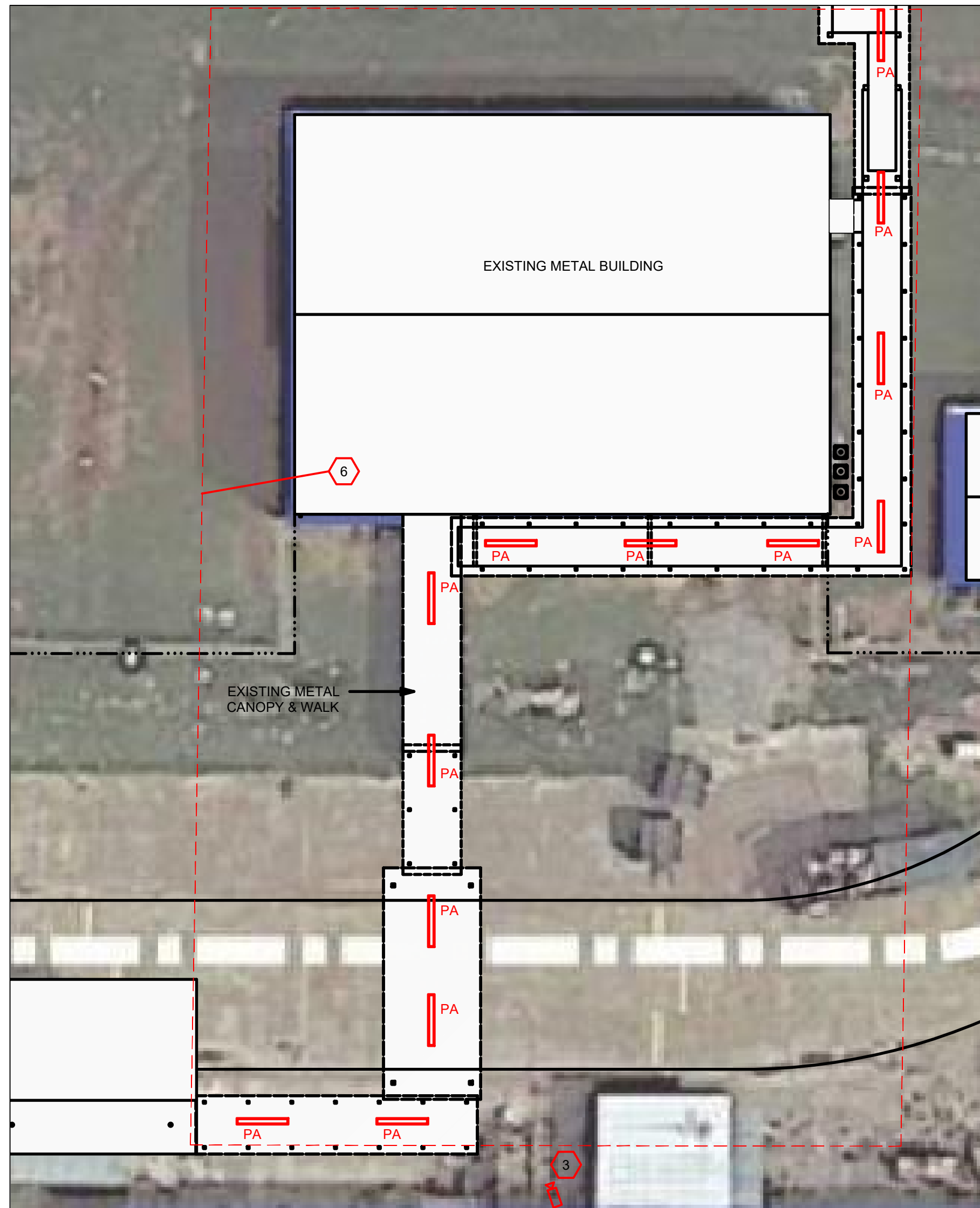
E-0P1B
PORTABLES - ELEC.
PLANS BH-05, 06, 07, 08



1 Electrical Site Plan - Portable Buildings Southwest
1/16" = 1'-0"



2 Electrical Site Plan - Portable Buildings Southwest
1/16" = 1'-0"



3 Electrical Site Plan - New Canopy at Blue Bell Building
1/16" = 1'-0"

FIRE ALARM LEGEND	
NOT ALL DEVICES ARE NECESSARILY USED ON THIS PROJECT	
SYMBOL	DESCRIPTION
	SMOKE DETECTOR (CEILING MOUNTED)
	WEATHER PROOF HEAT DETECTOR (CEILING MOUNTED)
	WEATHER PROOF FIRE ALARM PULL STATION WITH STI STOPPER II COVER
	FIRE ALARM SPEAKER/STROBE UNIT (CEILING MOUNTED)
	FIRE ALARM STROBE UNIT (CEILING MOUNTED)
	FIRE ALARM EXPANDER PANEL - SIEMENS XL
	DP DENOTES WEATHERPROOF DEVICE

LIGHTING FIXTURE SCHEDULE						
MARK	DESCRIPTION	LAMPS	VOLTS	MOUNTING	MANUFACTURER	CATALOG NUMBER
PA	8' LED VAPORTITE	LED	UNV	SURFACE	METALUX OR EQUAL	8VT2-LD5-9-DR-UNV-L840-CD1-U
PB	4' LED VAPORTITE	LED	UNV	SURFACE	METALUX OR EQUAL	4VT2-LD5-6-DR-UNV-L840-CD1-U
PW	LED WALL PAK	LED	UNV	SURFACE	LUMARK OR EQUAL	WPMLED20B-120V
X1	LED EXIT SIGN WET LOCATION	LED	120	SURFACE	SURE-LITES OR EQUAL	LPXW7-1-R-WH
X2	LED EXIT SIGN WET LOCATION	LED	120	SURFACE	SURE-LITES OR EQUAL	LPXW7-1-R-WH

NOTE:
REFER TO ARCHITECTURAL DRAWINGS
FOR ALL DIMENSIONS.

GENERAL NOTES:

- THE CONTRACTOR SHALL VISIT THE SITE AND THOROUGHLY FAMILIARIZE HIMSELF OR HERSELF WITH THE SITE CONDITIONS VERIFYING THAT THE WORK CAN BE PERFORMED AS DESCRIBED IN THESE DRAWINGS, PRIOR TO SUBMITTING A BID.
- THE CONTRACTOR SHALL COORDINATE ALL SITE WORK WITH LOCAL UTILITIES PRIOR TO ANY ROUGH-INS.
- CONTRACTOR SHALL PROPERLY SEAL PENETRATIONS TO RATED ASSEMBLIES AND ALL EXTERIOR WALLS TO PROPERLY MAINTAIN RATING & ASSEMBLIES AND BUILDING ENVELOPE.
- FURTHERMORE, THE CONTRACTOR SHALL AT ALL TIMES CONSULT WITH THE ENGINEER AND FOLLOW DIRECTIVES ISSUED BY THE ENGINEER WHICH WILL INSURE THE CONTINUED SAFE FUNCTIONING OF THE OWNERS OPERATIONS. THE CONTRACTOR SHALL MINIMIZE ENCUMBRANCES TO THE OWNER'S OPERATIONS AT ALL TIMES AND SHALL NOTIFY THE ENGINEER OF ANY WORK AFFECTING THE OPERATION OF THE OWNER AT LEAST THREE DAYS PRIOR TO PERFORMING SAID WORK.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO COMMENCING CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION. DIMENSIONS AND CONDITIONS TYING INTO OR GOVERNED BY EXISTING CONSTRUCTION ARE APPROXIMATE AND ARE NOT PURPORTED TO BE CORRECT. ALL SUCH DIMENSIONS AND CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO PERFORMING, PREPARING SHOP DRAWINGS, OR ORDERING MATERIALS.
- THE CONTRACTOR SHALL ASK FOR DETAILS AND/OR INSTRUCTIONS WHEN UNCERTAIN HOW TO PROCEED. THE LACK OF NOT REQUESTING DETAILS DOES NOT EXCUSE SLOPPY OR IMPROPER WORK. CORRECTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AT NO COSTS TO THE OWNER.
- CONTRACTOR MUST COMPLY WITH 2017 NEC AND ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.
- CONTRACTOR SHALL REFER TO ALL OTHER PORTIONS OF THE CONTRACT DOCUMENTS (PLANS, SPECIFICATIONS, ADDENDA, ARCHITECTURAL SUPPLEMENTAL INSTRUCTIONS AND ANY APPROVED CHANGE ORDERS) AND PROVIDE ALL EQUIPMENT AND DEVICES AS IF ORIGINALLY INCLUDED ON THE PLANS. IF THERE ARE ANY DISCREPANCIES, CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING PRIOR TO ORDERING EQUIPMENT, ROUGH-IN FOR EQUIPMENT AND/OR INSTALLATION OF EQUIPMENT.
- COORDINATE ALL IT WORK WITH CPSB IT DEPARTMENT PRIOR TO STARTING ANY WORK. ALL DIRECTIONS FOR IT WORK SHALL COME FROM CPSB IT DEPARTMENT.
- CONTRACTOR SHALL USE SYLVAN SOUND FOR ALL INTERCOM AND FIRE ALARM WORK. SYLVAN SOUND WILL PROVIDE TURNKEY PACKAGES FOR INTERCOM AND FIRE ALARM TYING INTO EXISTING SYSTEMS.
- INTERCOM AND FIRE ALARM DEVICES INSTALLED UNDER COVERED WALKWAY SHALL BE LISTED FOR OUTDOOR USE.
- EXIT SIGNS SHALL BE LISTED FOR OUTDOOR USE.
- SEE ARCHITECTURAL DRAWINGS FOR CANOPY ELEVATIONS, DETAILS, AND CONFIGURATIONS.

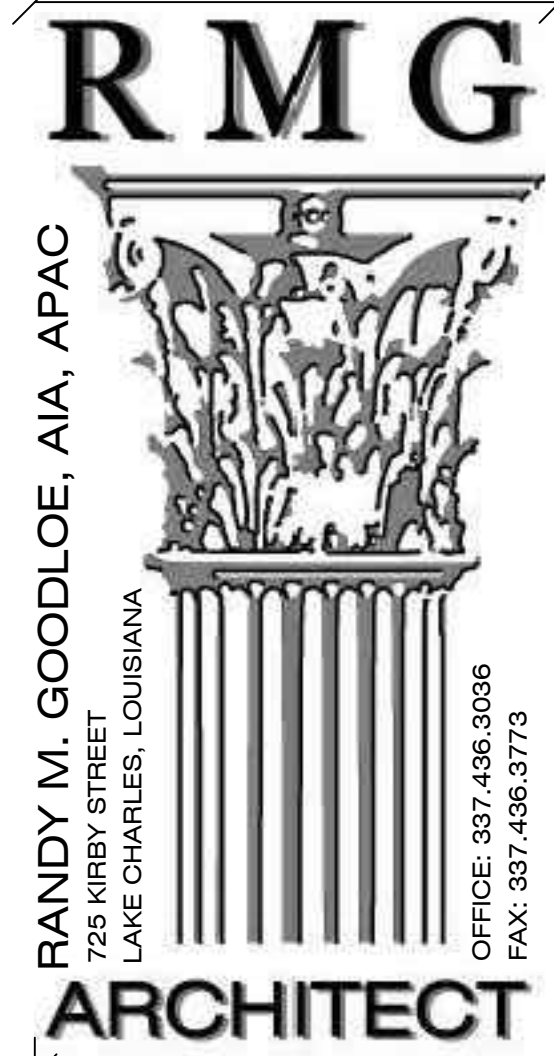
ELECTRICAL KEYNOTES:

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ASSOCIATED DESIGN GROUP, INC.
3909 W Congress Street, Suite 201
Lafayette, Louisiana 70506
Phone: (337) 234-5710
Email: adginc@adginc.org

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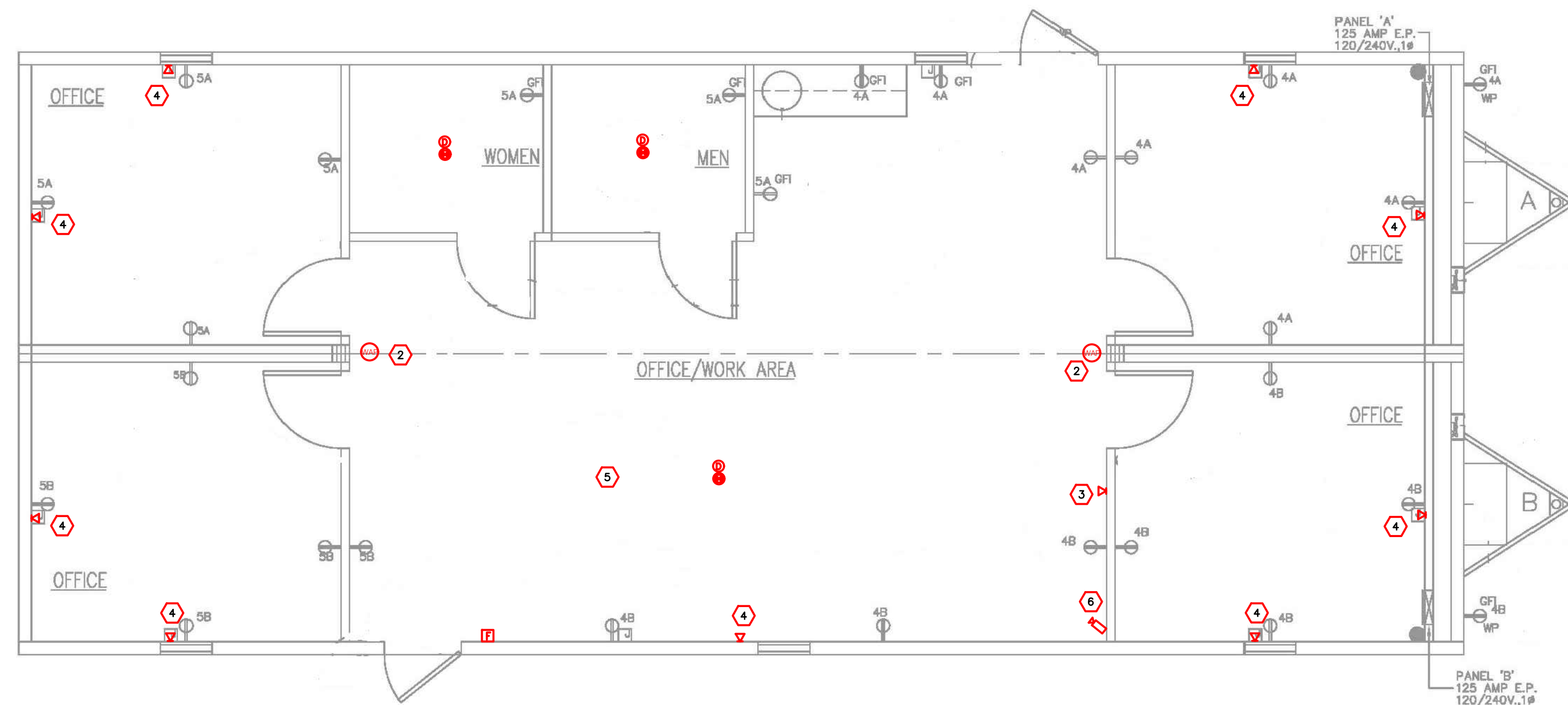
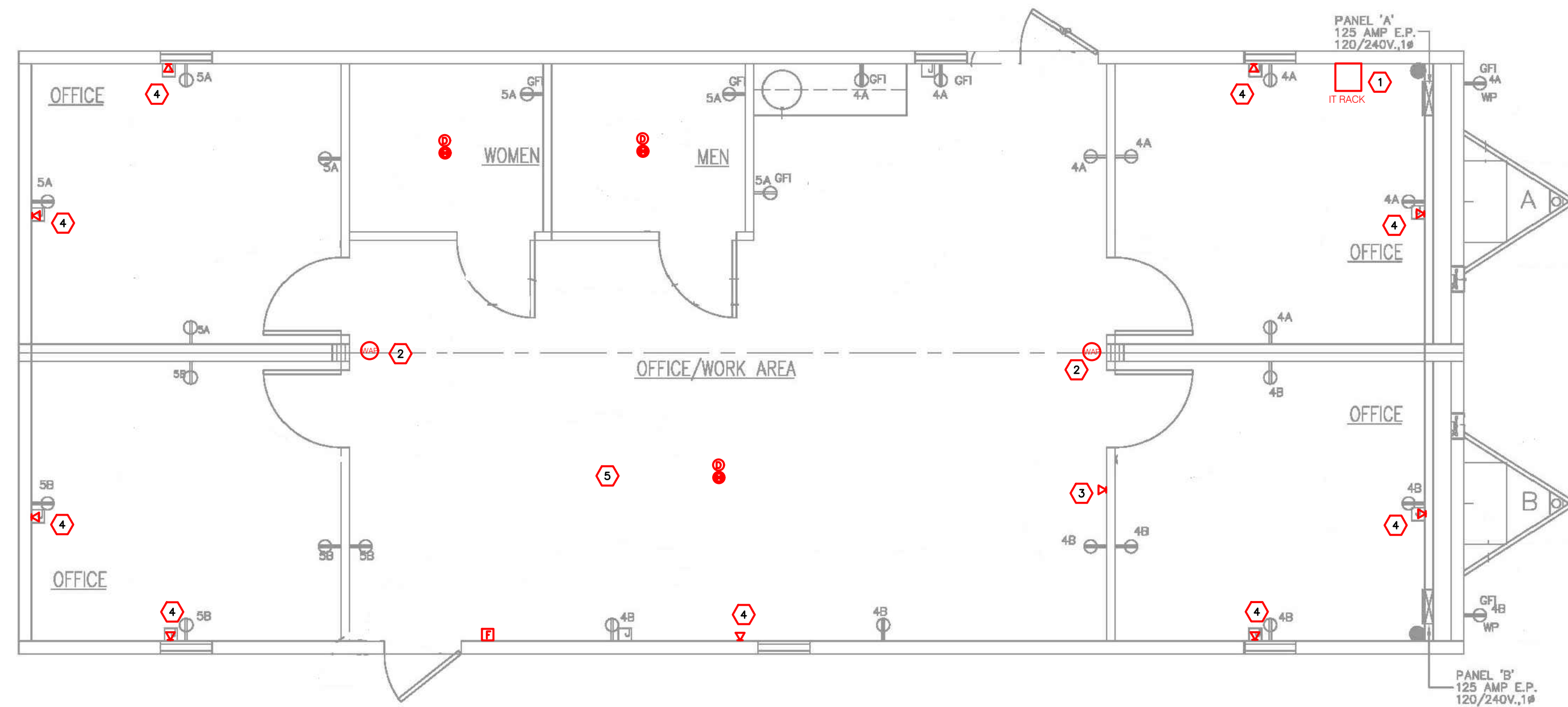
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SHEET NUMBER
E-0P2
PORTABLES - SITE
PLAN BH-01, 02, 03, 04



ELECTRICAL KEYNOTES:

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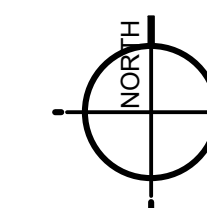
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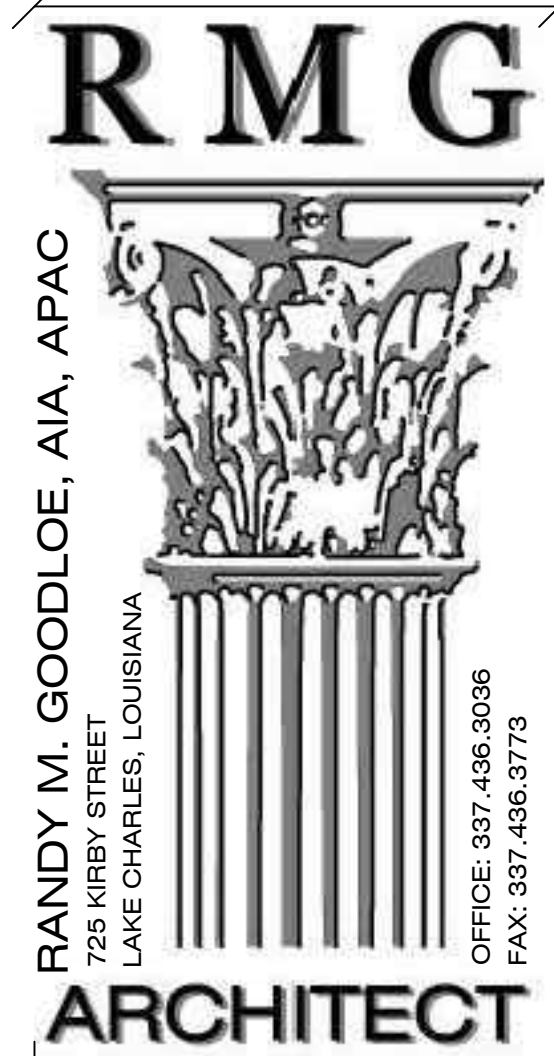
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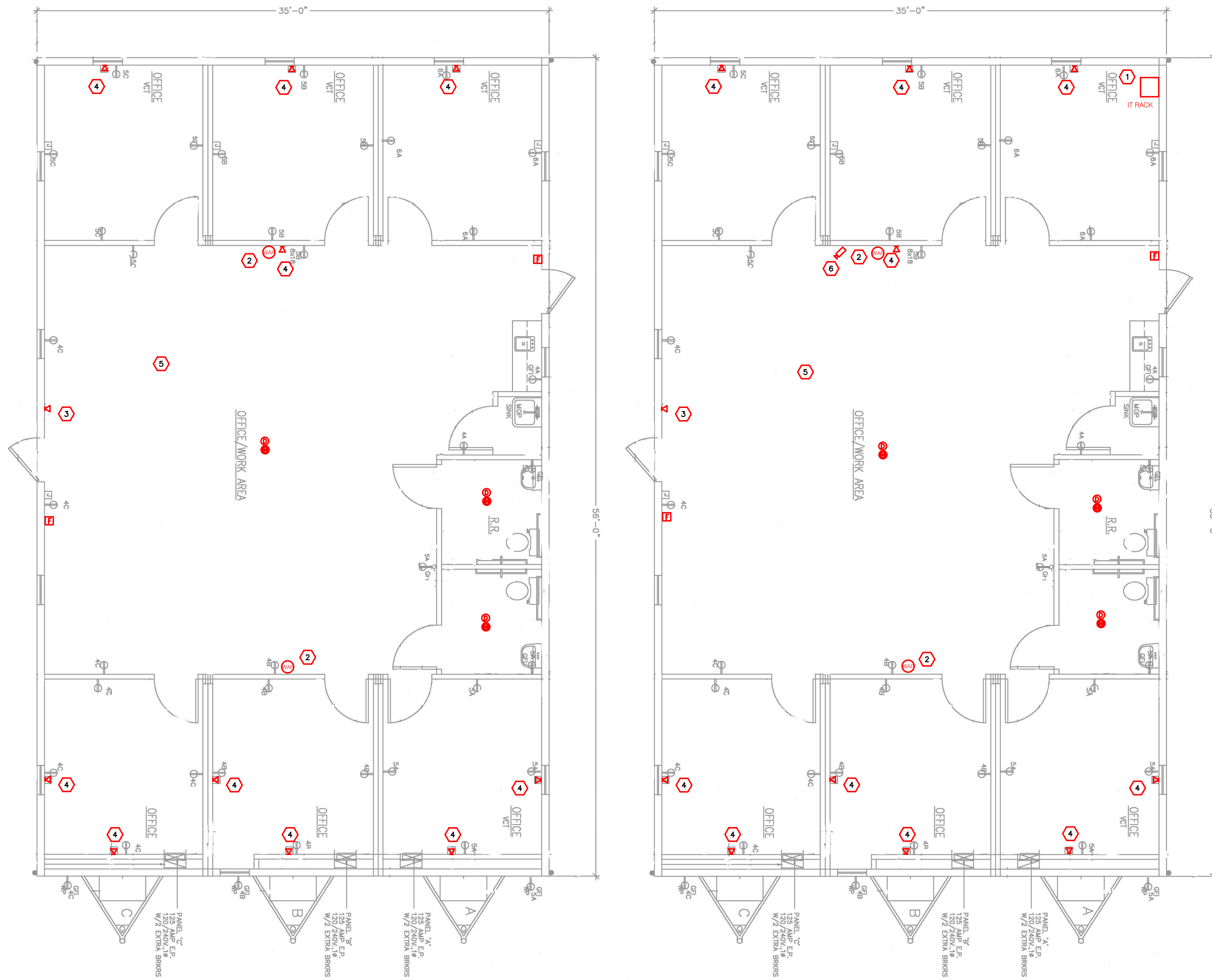
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PLANS BH-01, 02



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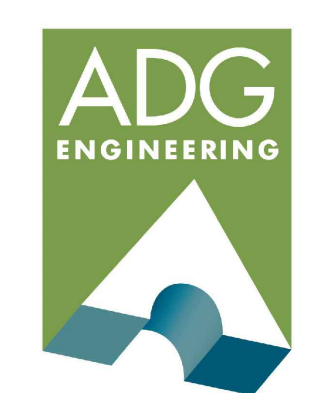
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- J. CONTRACTOR SHALL COORDINATE FINAL LOCATIONS OF ALL CEILING MOUNTED DEVICES WITH FINAL LOCATIONS OF FACTORY INSTALLED LIGHT FIXTURES AND HVAC DIFFUSERS IN THE FIELD.

NOTE:
REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.

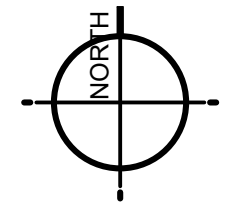
NOTE:
ALL ELECTRICAL DEVICES SHOWN ON ELECTRICAL PLAN ARE FACTORY INSTALLED AND WIRED UNLESS NOTED OTHERWISE.

NOTE:
FIRE ALARM DEVICES SHOWN ARE PRESCRIPTIVE. FINAL DESIGN TO BE COMPLETED BY FIRE ALARM CONTRACTOR AND APPROVED BY FIRE MARSHALL PRIOR TO INSTALLATION.



ASSOCIATED DESIGN GROUP, INC.
3909 W Congress Street, Suite 201
Lafayette, Louisiana 70506
Phone: (337) 234-5710
Email: adginc@adginc.org

Project No. 20300

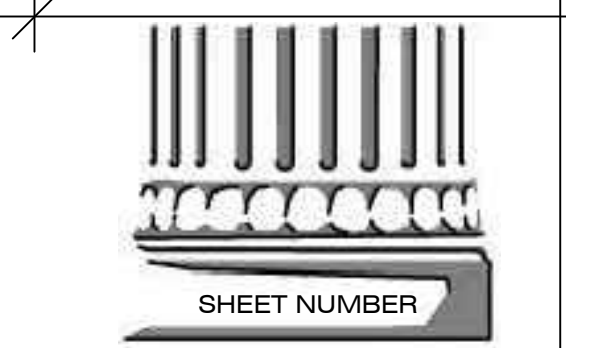


HURRICANE LAURA REPAIRS
**GYMS & CAFETERIA REPAIRS
MODULAR BLDG INSTALL**
A.M. BARBE HIGH SCHOOL
FOR
CALCASIEU PARISH SCHOOL BOARD
2200 W. MCNEESE ST., LAKE CHARLES, LA
HL-003-08

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02.24.2022

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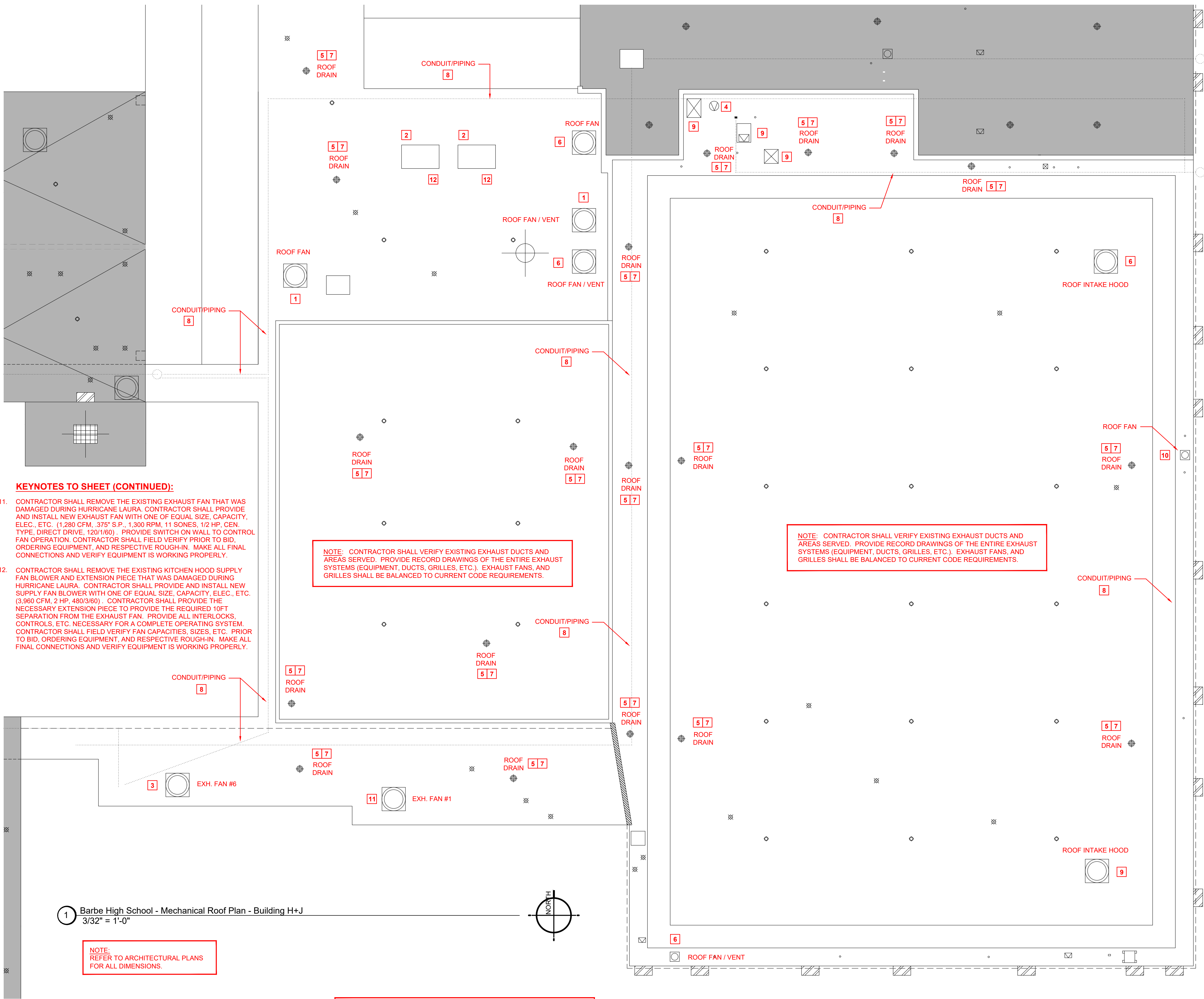
E-0P2B
PORTABLES - ELEC.
PLANS BH-03, 04

GENERAL NOTES:

- A. CONTRACTOR SHALL FIELD VERIFY EXISTING EQUIPMENT TAGS (WHERE POSSIBLE) IN FIELD PRIOR TO DEMOLITION. COORDINATE ALL SITE VISITS THROUGH GENERAL CONTRACTOR AND C.P.S.B. CONTRACTOR WEAR REQUIRED PERSONAL PROTECTIVE GEAR (PPG) SPECIFICALLY REQUIRED FOR EACH BUILDING.
- B. CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES IDENTIFIED IN THE FIELD PRIOR TO FABRICATING DUCTWORK OR ORDERING EQUIPMENT.
- C. CONTRACTOR SHALL PROVIDE TESTING AND BALANCING OF ALL HVAC SYSTEMS WHICH WERE REPLACED, MODIFIED AND/OR CLEANED.
- D. ALL WORK SHALL COMPLY WITH LOCAL, STATE, AND FEDERAL CODES TO THE SATISFACTION OF CODE AUTHORITIES HAVING JURISDICTION.
- E. ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF NFPA 90A & 101, THE CLEAN AIR ACT AND THE AMERICANS WITH DISABILITIES ACT.
- F. PRIOR TO DRAINING, DISCONNECTING, AND REMOVING OF ANY SERVICES IN THE DESIGNATED AREAS SHOWN, THE CONTRACTOR MUST ENSURE THAT THE SERVICES REMOVED DO NOT AFFECT THE NORMAL OPERATION OF AREAS OUTSIDE THE CONSTRUCTION AREA.
- G. VERIFY ADEQUATE SPACE AVAILABLE PER MANUFACTURERS' RECOMMENDATIONS. COORDINATE CLEARANCE REQUIREMENTS OF ALL MECHANICAL EQUIPMENT.

KEYNOTES TO SHEET:

- 1. CONTRACTOR SHALL REMOVE THE EXISTING EXHAUST FAN. CONTRACTOR SHALL PROVIDE AND INSTALL NEW EXHAUST FAN WITH ONE OF EQUAL SIZE, CAPACITY, ELEC., ETC. CONTRACTOR SHALL FIELD VERIFY PRIOR TO BID, ORDERING EQUIPMENT, AND RESPECTIVE ROUGH-IN. MAKE ALL FINAL CONNECTIONS AND VERIFY EQUIPMENT IS WORKING PROPERLY.
- 2. CONTRACTOR SHALL REMOVE EXISTING ROOF MOUNTED KITCHEN HOOD EXHAUST FAN AND AND INSTALL ON NEW CURB. NEW CURB SHALL MATCH THE EXISTING SIZE, STYLE, HEIGHT, ETC. OF EXISTING CURB.
- 3. CONTRACTOR SHALL REMOVE THE EXISTING EXHAUST FAN THAT WAS DAMAGED DURING HURRICANE LAURA. CONTRACTOR SHALL PROVIDE AND INSTALL NEW EXHAUST FAN WITH ONE OF EQUAL SIZE, CAPACITY, ELEC., ETC. (400 CFM, 25" S.P., 1000 RPM, 4.4 SONES, 1/10 HP, CEN. TYPE, DIRECT DRIVE, 120/1/60). PROVIDE SWITCH ON WALL TO CONTROL FAN OPERATION. CONTRACTOR SHALL FIELD VERIFY PRIOR TO BID, ORDERING EQUIPMENT, AND RESPECTIVE ROUGH-IN. MAKE ALL FINAL CONNECTIONS AND VERIFY EQUIPMENT IS WORKING PROPERLY.
- 4. CONTRACTOR SHALL REMOVE AND REPLACE EXISTING BOILER VENT (LIKE FOR LIKE) THAT WAS DAMAGED DURING HURRICANE LAURA. REPLACE WITH ONE OF EQUAL SIZE.
- 5. CONTRACTOR SHALL REMOVE EXISTING ROOF DRAIN AN INSTALLED NEW ROOF DRAIN WITH DOME STRAINER IN SAME LOCATION. THE NEW ROOF DRAIN W/ DOME STRAINER SHALL MATCH THE EXISTING SIZE, STYLE, ETC. OF THE EXISTING THAT IS BEING REPLACED AS PART OF THE RE-ROOFING PROJECT. VERIFY NEW ROOF DRAIN ELEVATION WITH ARCHITECT PRIOR TO ROUGH-IN.
- 6. CONTRACTOR SHALL REMOVE EXISTING ROOF MOUNTED HOOD/FAN AND AND INSTALL ON NEW CURB. NEW CURB SHALL MATCH THE EXISTING SIZE, STYLE, HEIGHT, ETC. OF EXISTING CURB.
- 7. ALL EXISTING ROOF DRAIN PIPING SHALL BE FLUSHED TO REMOVE LEAVES, DEBRIS, ETC. ONCE THE NEW ROOF DRAINS ARE INSTALLED.
- 8. EXISTING PIPING (GAS, CHILLED WATER, ETC.) SHALL BE TEMPORARILY SUPPORTED AND PROTECTED DURING THE RE-ROOFING PROJECT. ONCE NEW ROOF IS COMPLETED PERMANENT PIPING SUPPORT SHALL BE PROVIDED AS REQUIRED. REFER TO CODE REQUIREMENTS FOR SPACING OF SUPPORTS. SHIELDS SHALL BE PLACED BETWEEN CHILLED WATER PIPING SUPPORTS AND PIPING INSULATION. SECURE PIPING TO SUPPORTS WITH CLAMPS AS NECESSARY.
- 9. CONTRACTOR SHALL REPLACE EXISTING ROOF INTAKE HOOD VENT (LIKE FOR LIKE) WITH ONE OF EQUAL SIZE AS PREVIOUSLY INSTALLED. CONTRACTOR SHALL FIELD VERIFY PRIOR TO BID, ORDERING, AND RESPECTIVE ROUGH-IN.
- 10. CONTRACTOR SHALL PROVIDE AND INSTALL NEW EXHAUST FAN WITH ONE OF EQUAL SIZE, CAPACITY, ELEC., ETC. OF THE EXISTING THAT WAS BLOWN OFF. CONTRACTOR SHALL FIELD VERIFY PRIOR TO BID, ORDERING EQUIPMENT, AND RESPECTIVE ROUGH-IN. MAKE ALL FINAL CONNECTIONS AND VERIFY EQUIPMENT IS WORKING PROPERLY.



KEYNOTES TO SHEET (CONTINUED):

- 11. CONTRACTOR SHALL REMOVE THE EXISTING EXHAUST FAN THAT WAS DAMAGED DURING HURRICANE LAURA. CONTRACTOR SHALL PROVIDE AND INSTALL NEW EXHAUST FAN WITH ONE OF EQUAL SIZE, CAPACITY, ELEC., ETC. (1280 CFM, 375" S.P., 1300 RPM, 11 SONES, 1/2 HP, CEN. TYPE, DIRECT DRIVE, 120/1/60). PROVIDE SWITCH ON WALL TO CONTROL FAN OPERATION. CONTRACTOR SHALL FIELD VERIFY PRIOR TO BID, ORDERING EQUIPMENT, AND RESPECTIVE ROUGH-IN. MAKE ALL FINAL CONNECTIONS AND VERIFY EQUIPMENT IS WORKING PROPERLY.
- 12. CONTRACTOR SHALL REMOVE THE EXISTING KITCHEN HOOD SUPPLY FAN BLOWER AND EXTENSION PIECE THAT WAS DAMAGED DURING HURRICANE LAURA. CONTRACTOR SHALL PROVIDE AND INSTALL NEW SUPPLY FAN BLOWER WITH ONE OF EQUAL SIZE, CAPACITY, ELEC., ETC. (3,960 CFM, 2 HP, 480/3/60). CONTRACTOR SHALL PROVIDE THE NECESSARY EXTENSION PIECE TO PROVIDE THE REQUIRED 10FT SEPARATION FROM THE EXHAUST FAN. PROVIDE ALL INTERLOCKS, CONTROLS, ETC. NECESSARY FOR A COMPLETE OPERATING SYSTEM. CONTRACTOR SHALL FIELD VERIFY FAN CAPACITIES, SIZES, ETC. PRIOR TO BID, ORDERING EQUIPMENT, AND RESPECTIVE ROUGH-IN. MAKE ALL FINAL CONNECTIONS AND VERIFY EQUIPMENT IS WORKING PROPERLY.

NOTE: CONTRACTOR SHALL VERIFY EXISTING EXHAUST DUCTS AND AREAS SERVED. PROVIDE RECORD DRAWINGS OF THE ENTIRE EXHAUST SYSTEMS (EQUIPMENT, DUCTS, GRILLES, ETC.). EXHAUST FANS, AND GRILLES SHALL BE BALANCED TO CURRENT CODE REQUIREMENTS.

NOTE: CONTRACTOR SHALL VERIFY EXISTING EXHAUST DUCTS AND AREAS SERVED. PROVIDE RECORD DRAWINGS OF THE ENTIRE EXHAUST SYSTEMS (EQUIPMENT, DUCTS, GRILLES, ETC.). EXHAUST FANS, AND GRILLES SHALL BE BALANCED TO CURRENT CODE REQUIREMENTS.

NOTE: REFER TO ARCHITECTURAL PLANS FOR ALL DIMENSIONS.

NOTE: THE HVAC SCOPE OF WORK IS LIMITED TO REPLACING OR REPAIRING THE HVAC SYSTEM BACK TO ITS ORIGINAL CONDITION (LIKE FOR LIKE) IN MOST CIRCUMSTANCES. THIS PROJECT'S SCOPE OF WORK DOES NOT INCLUDE BRINGING ALL THE EXISTING HVAC SYSTEMS UP TO CODE OR ADDRESSING EXISTING CONDITIONS. ALTHOUGH ALL WORK MUST COMPLY WITH FEMA CONSENSUS-BASED, "LATEST PUBLISHED EDITIONS" OF CODES NOT NECESSARILY THOSE CODES ADOPTED BY THE LOCAL MUNICIPALITY.

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ROOFING SYMBOL LEGEND

- EXISTING SKYLIGHT
- ONE-WAY ROOF VENT
- ROOF DRAIN
- ROOF PIPING PENETRATION
- ROOF FAN / VENT
- ROOF FAN / VENT
- DOWNSPOUT
- MISC MEP
- CONDUIT/PIPING RUNS
- EXPANSION JOINT

1 Barbe High School - Mechanical Roof Plan - Building H+J
3/32" = 1'-0"

RMG ARCHITECT
 RANDY M. GOODLOE, AIA, APAC
 725 KIRBY STREET
 LAKE CHARLES, LOUISIANA
 OFFICE: 337.436.3036
 FAX: 337.436.3773

STATE OF LOUISIANA
 R. CRAIG CAMPBELL, II
 License No. 29380
 2/24/22
 PROFESSIONAL ENGINEER

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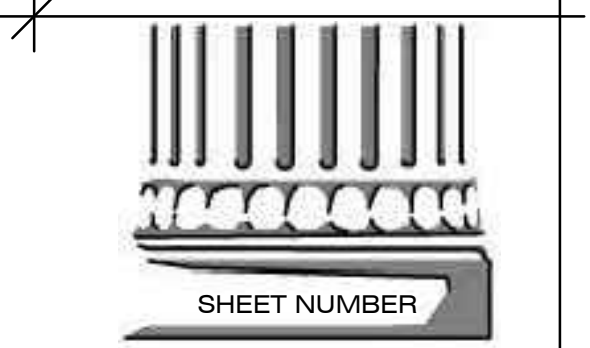
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1	Addendum No. 4 2/04/2022

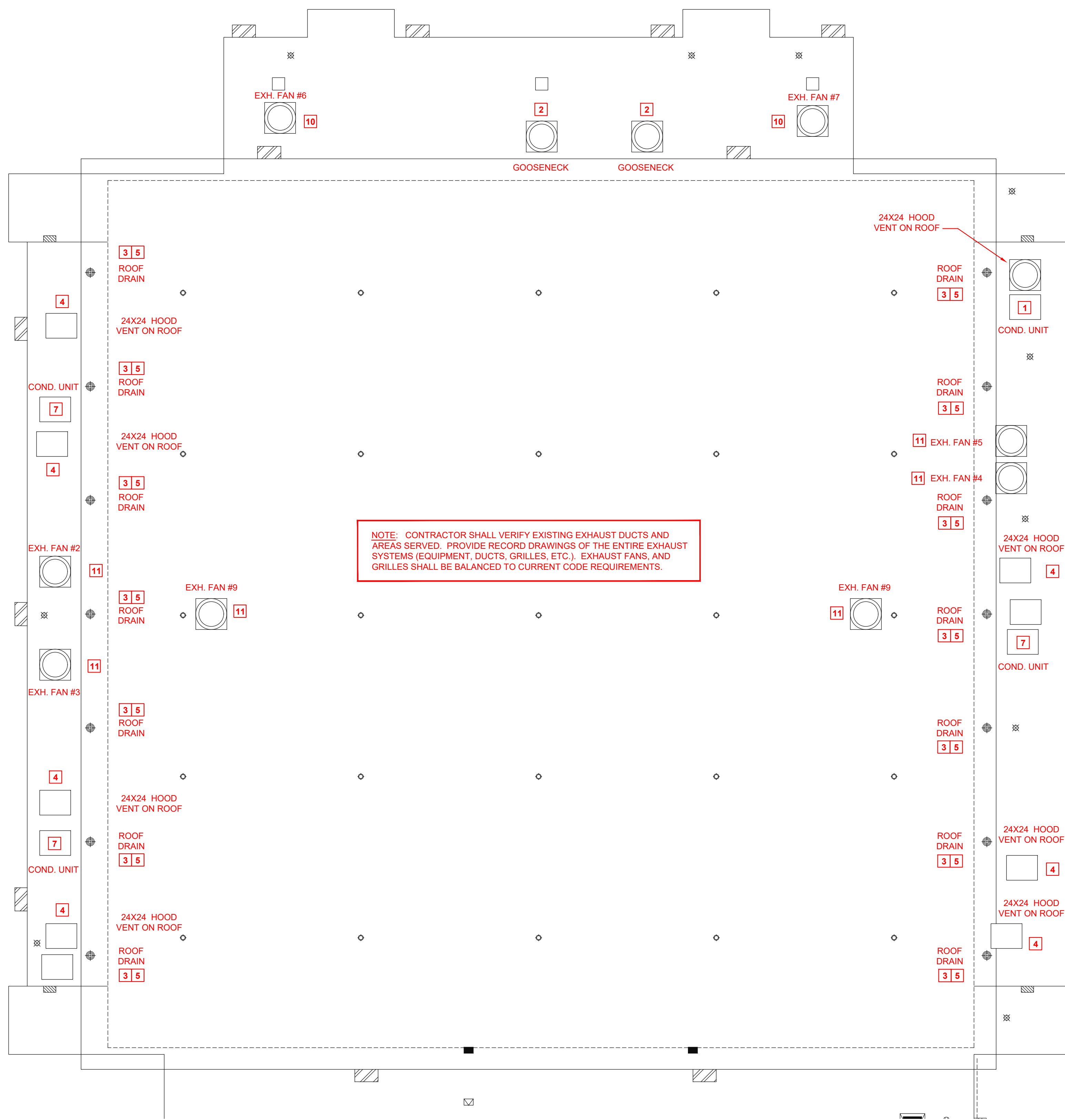
ADG ENGINEERING
 ASSOCIATED DESIGN GROUP, INC.
 3909 W Congress Street, Suite 201
 Lafayette, Louisiana 70506
 Phone: (337) 234-5710
 Email: adginc@adginc.org

M-4.J.3R1
 BARBE - RE-ROOFING
 BLDG H+J



ASSOCIATED DESIGN GROUP, INC.
 3909 W Congress Street, Suite 201
 Lafayette, Louisiana 70506
 Phone: (337) 234-5710
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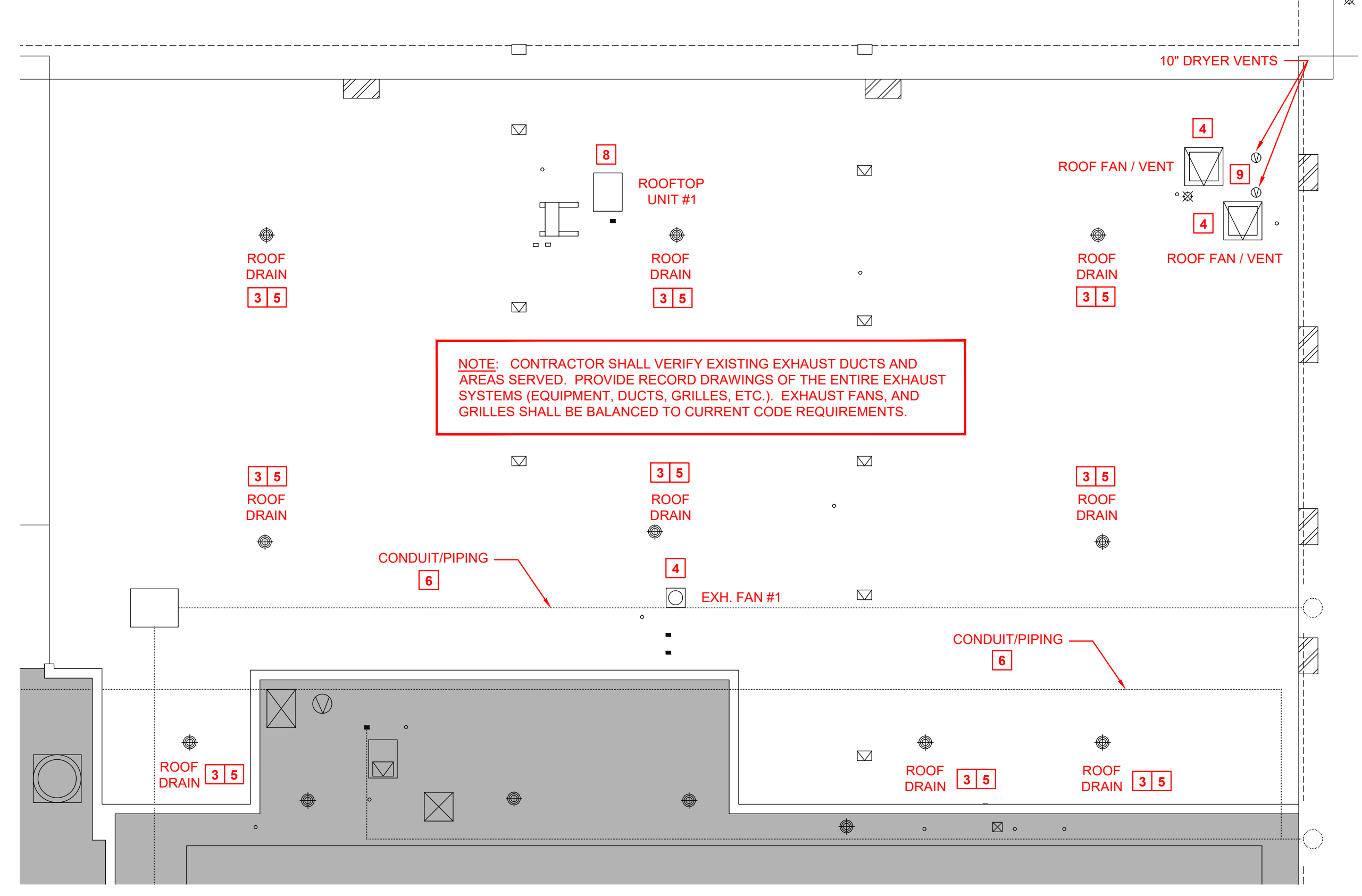




2 Barbe High School - Mechanical Roof Plan - Building M
3/32" = 1'-0"

EXHAUST FAN SCHEDULE									
NO.	SERVICE	MIN. C.F.M.	MAX. C.F.M.	EXT. S.D.	FAN H.P.	TYPE	DRIVE	ELECTRICAL SERVICE	REMARKS
1	TOILET 108	310	970	1/8"	1/40	CENT	DIRECT	120-1-60	
2,3	DRESSING 115 & 108	8760	470	1/4"	1/2	CENT	BELT	208-3-60	
4,5	DRESSING 127 & 123	9680	510	1/4"	2	CENT	BELT	208-3-60	
6,7	MEN 104 & WOMEN 105	1,100	860	1/8"	1/20	CENT	DIRECT	120-1-60	
8,9	GYMNASIUM	1,800	430	1/8"	1/2	CENT	DIRECT	208-3-60	
10	LAUNDRY	2,040	860	1/8"	1/6	CENT	DIRECT	120-1-60	

2 Barbe High School - Existing Mechanical Schedules - Building M
N.T.S.

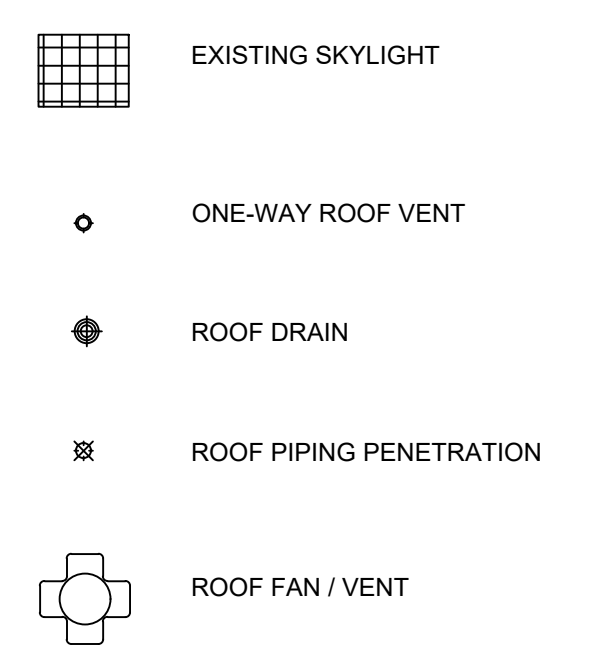


1 Barbe High School - Mechanical Roof Plan - Building M
3/32" = 1'-0"

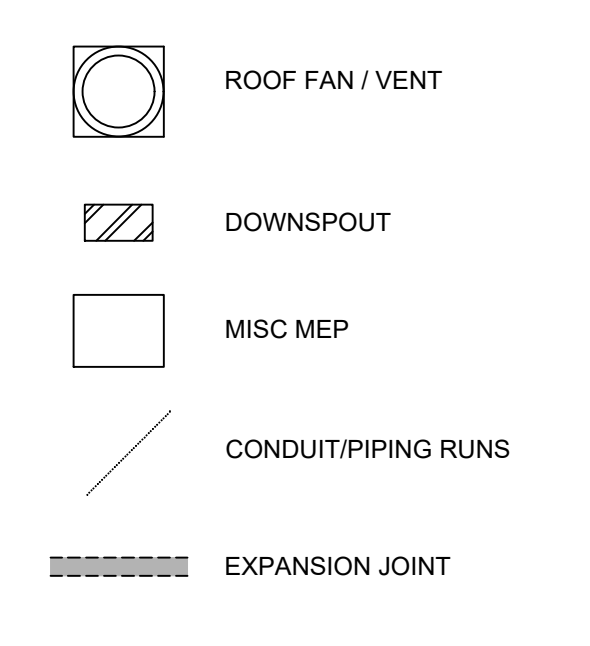
KEYNOTES TO SHEET:

- CONTRACTOR SHALL REMOVE THE EXISTING CONDENSING UNIT THAT WAS DAMAGED DURING HURRICANE LAURA. CONTRACTOR SHALL PROVIDE AND INSTALL NEW CONDENSING UNIT WITH ONE OF EQUAL SIZE, CAPACITY, ELEC., ETC. CONTRACTOR SHALL FIELD VERIFY PRIOR TO BID, ORDERING EQUIPMENT, AND RESPECTIVE ROUGH-IN. MAKE ALL FINAL CONNECTIONS AND VERIFY EQUIPMENT IS WORKING PROPERLY.
- CONTRACTOR SHALL REPLACE EXISTING GOOSENECK (LIKE FOR LIKE) WITH ONE OF EQUAL SIZE AS PREVIOUSLY INSTALLED. CONTRACTOR SHALL FIELD VERIFY PRIOR TO BID, ORDERING, AND RESPECTIVE ROUGH-IN.
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- EXISTING CONDENSING UNIT SHALL BE TEMPORARILY SUPPORTED AND PROTECTED DURING THE RE-ROOFING PROJECT. ONCE NEW ROOF IS COMPLETED, PERMANENT SUPPORTS / SLEEPERS SHALL BE PROVIDED AS REQUIRED.
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- CONTRACTOR SHALL REPLACE EXISTING 10"Ø DRYER VENT (LIKE FOR LIKE) WITH ONE OF EQUAL SIZE AS PREVIOUSLY INSTALLED. CONTRACTOR SHALL FIELD VERIFY PRIOR TO BID, ORDERING, AND RESPECTIVE ROUGH-IN.
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ROOFING SYMBOL LEGEND



ROOFING SYMBOL LEGEND



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ASSOCIATED DESIGN GROUP, INC.
3909 W Congress Street, Suite 201
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RMG ARCHITECT
RANDY M. GOODLOE, AIA, APAC
725 KIRBY STREET
LAKE CHARLES, LOUISIANA
OFFICE: 337-436-3036
FAX: 337-436-3773

STATE OF LOUISIANA
R. CRAIG CAMPBELL, II
License No. 29380
2/14/22
PROFESSIONAL ENGINEER

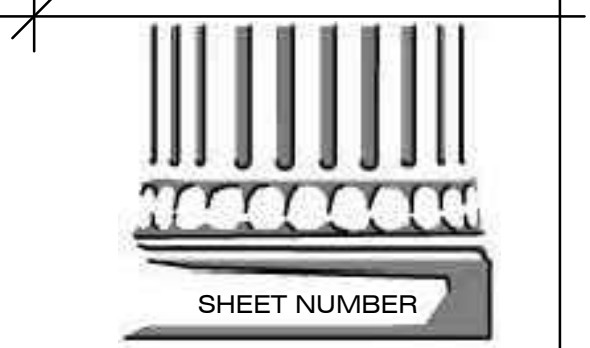
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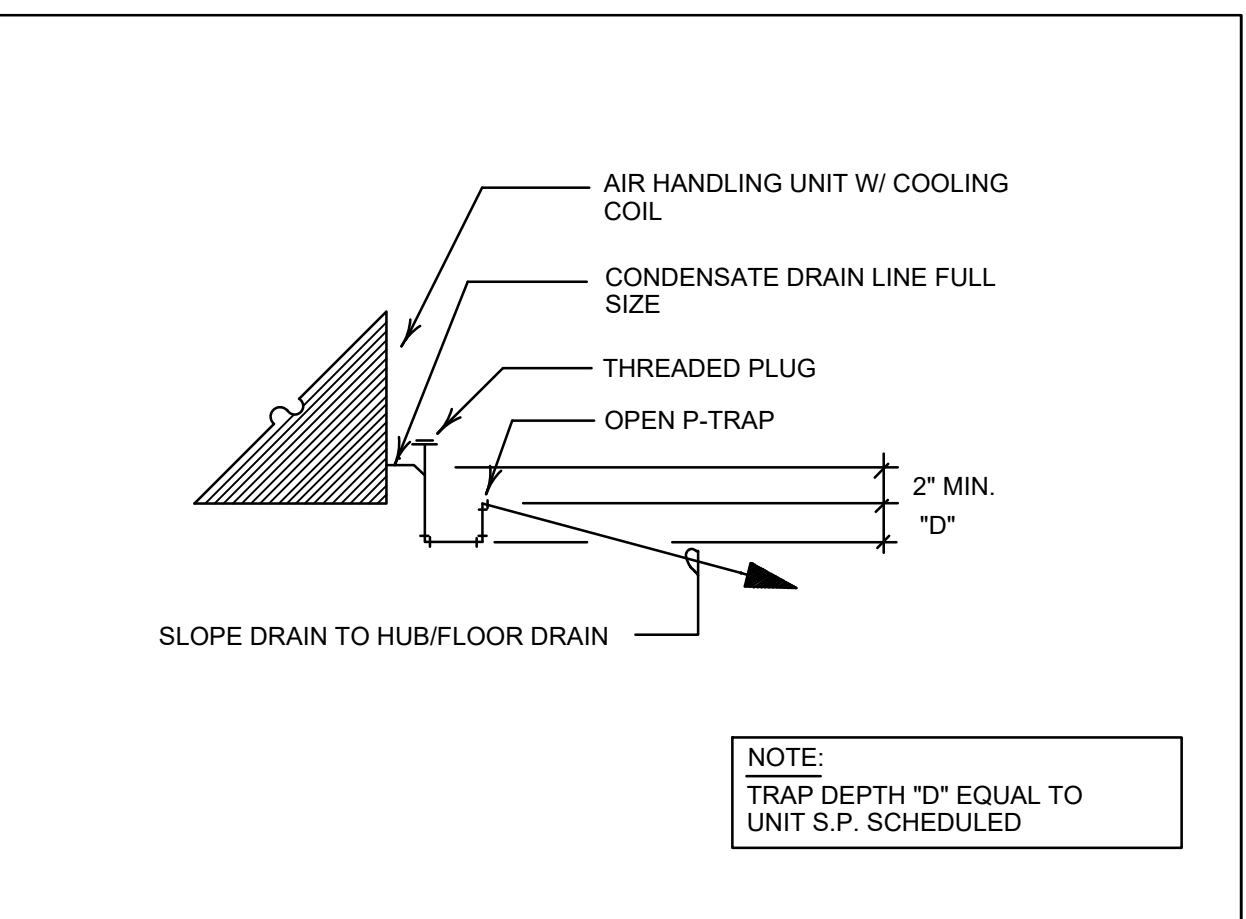
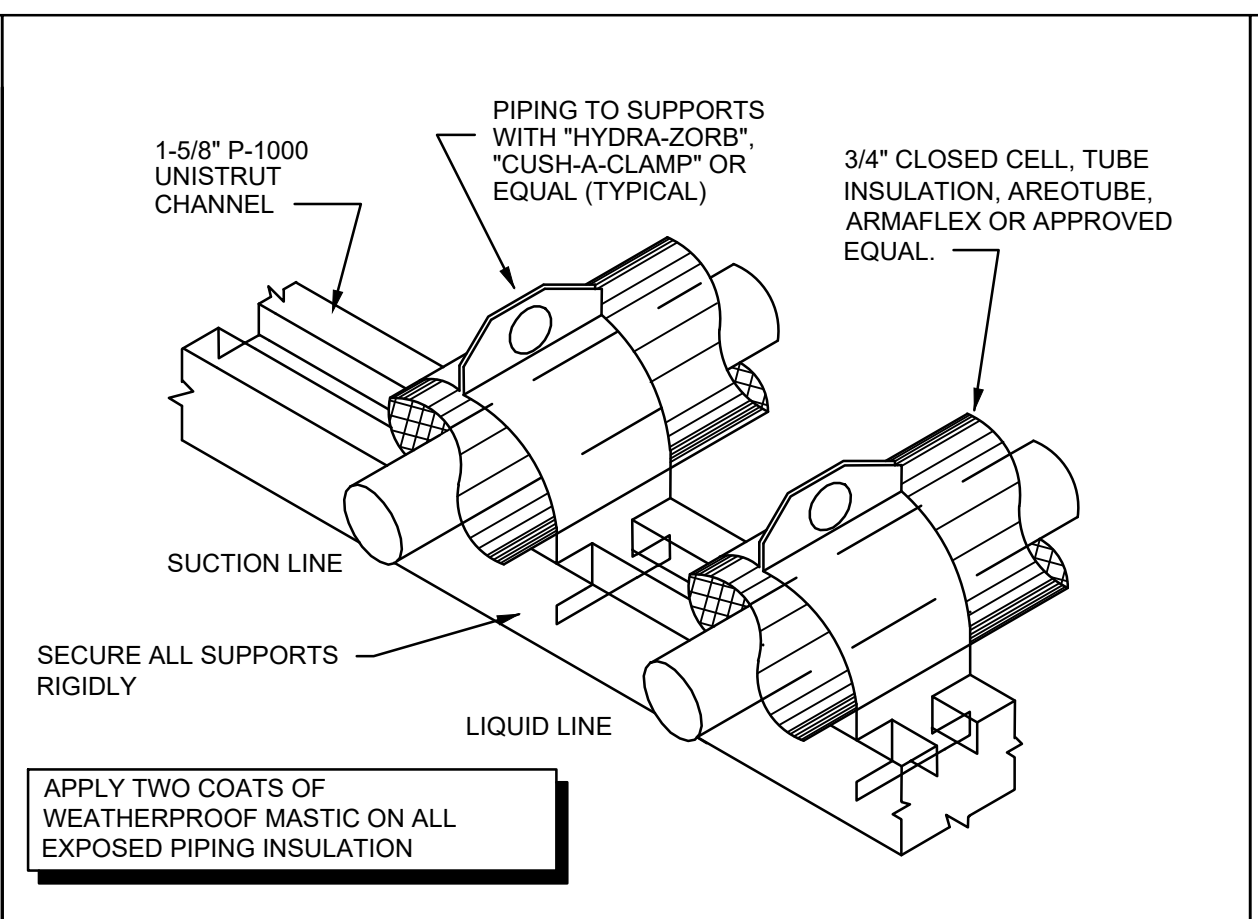
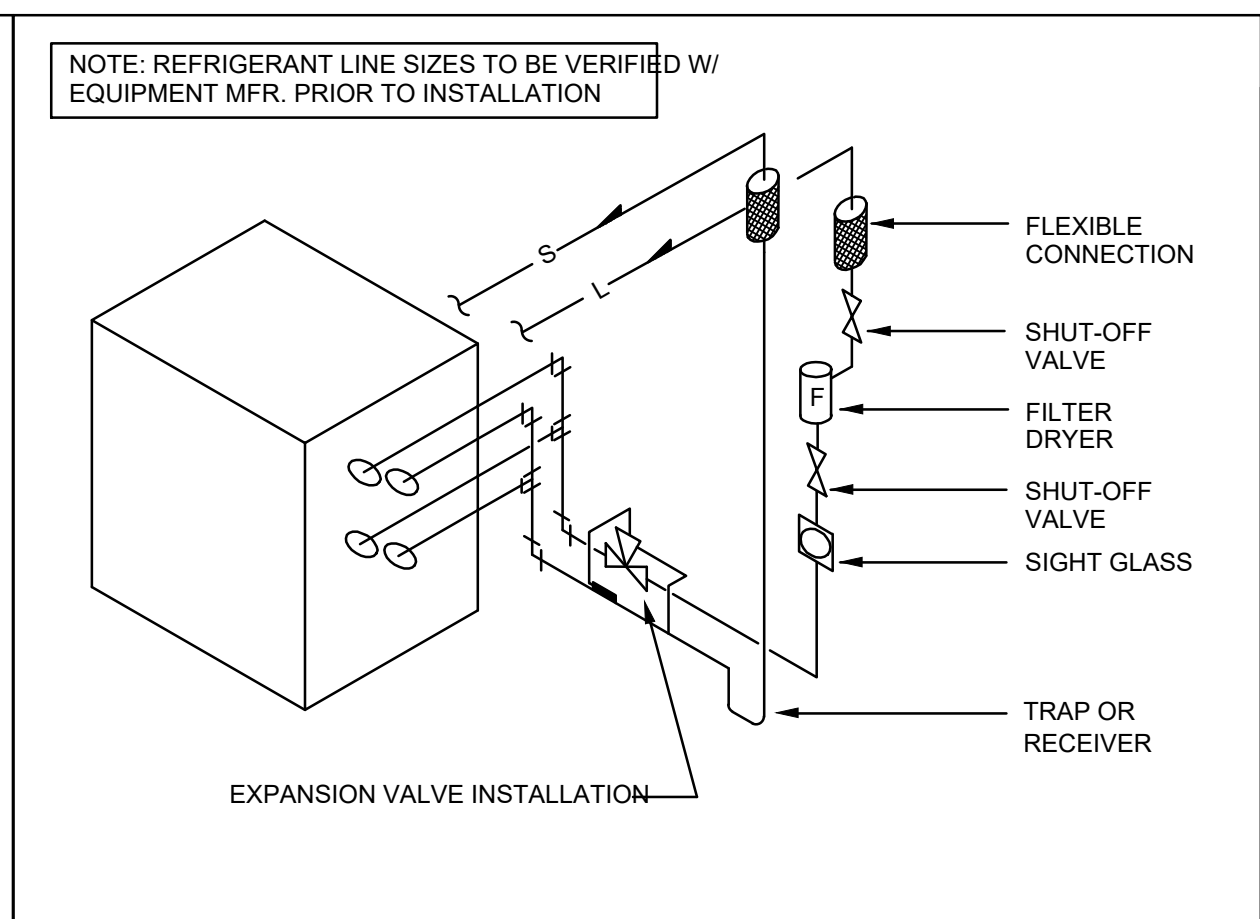
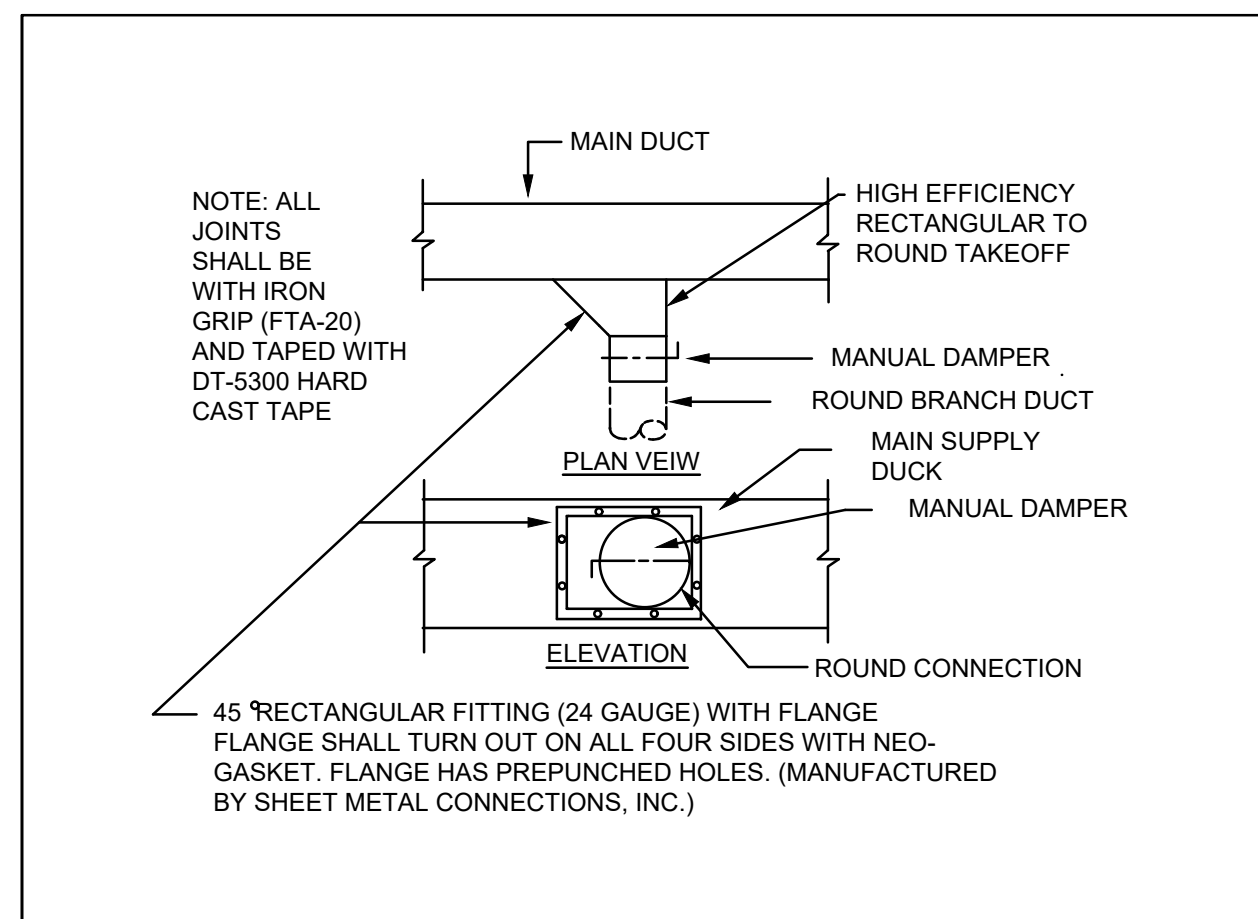
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REVISED		
1	Addendum No. 4	2/04/2022



M-4.M.1R1
BARBE - RE-ROOFING
BLDG M

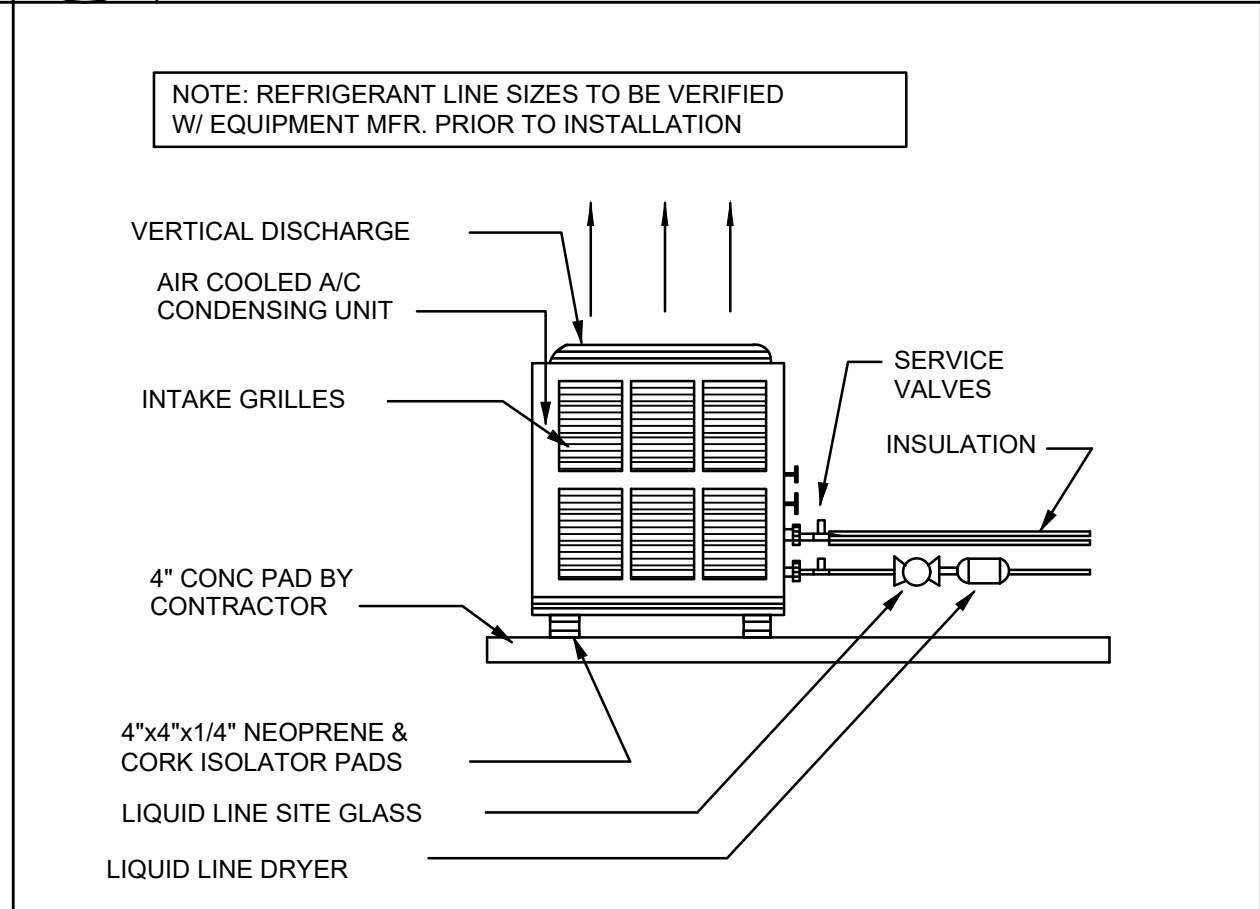
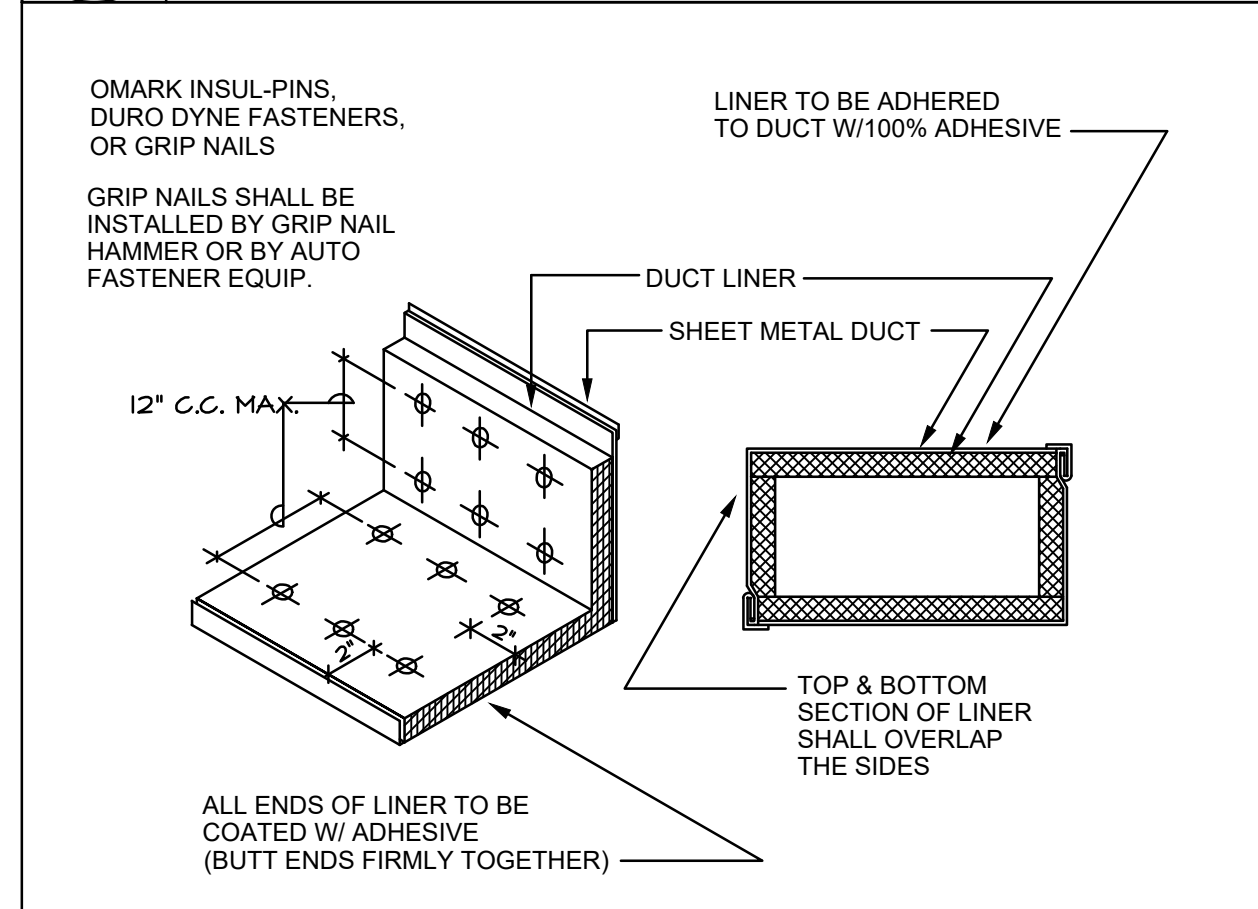


1 SUPPLY OR RETURN AIR DUCT CONNECTION DETAIL NO SCALE

2 TYPICAL REFRIGERANT SCHEME NO SCALE

3 REFRIGERANT PIPE SUPPORT DETAIL NO SCALE

4 AIR HANDLING UNIT DRAIN PIPING DIAGRAM NO SCALE



5 INTERNALLY LINED DUCTWORK NO SCALE

6 CONDENSING UNIT DETAIL NO SCALE

1 Barbe High School - Building J - Mechanical Details N.T.S.

UNIT NO.	BUILDING	C.C.M. OUTSIDE AIR	C.F.M.	BTU/HR COOLING TOTAL	E.A.D.B.	E.A.W.D.	L.A.D.B.	L.A.W.S.	REHEAT BTU/HR	TOTAL BTU/HR	FAN H.P.	ELECTRICAL CHARACTERISTICS	G.P.M. H ₂ O	INT H ₂ O TEMP	LEAVING H ₂ O TEMP	MAX. P.D. FT. H ₂ O	BTU/HR HEATING	E.A.	L.A.	NO CIRCUITS	KW PER CIR.	ELECTRICAL CHARACTERISTICS	TYPE UNIT	DRIVE	REMARKS
15	J	900	5300	194000	76.8	67.8	57.0	54.5	---	25	3	480/3/60	32.4	45	57	12	102300	72	88.5	1	30	480/3/60	VERTICAL		#10
16	J	1800	12400	497000	79.8	66.6	55.0	52.3	---	60	7	480/3/60	76.2	45	57	12	204600	72	88.5	2	30	480/3/60	VERTICAL		#11
17	J	200	1800	62600	79.4	66.7	57.0	53.2	---	40	1	480/3/60	10.4	45	57	12	34100	72	91.5	1	10	480/3/60	HORIZONTAL		#3
18	J	2000	11400	623000	80.2	67.2	59.0	53.0	102300	30	7	480/3/60	14.0	45	57	12	102300	72	80.2	1	30	480/3/60	VERTICAL		#21
19	J	2000	11400	623000	80.2	67.2	59.0	53.0	102300	30	7	480/3/60	14.0	45	57	12	102300	72	80.2	1	30	480/3/60	VERTICAL		#21
20	J	200	2500	78000	78.6	65.8	59.0	57.2	---	60	1	480/3/60	13.0	45	57	12	51150	72	90.5	1	15	480/3/60	HORIZONTAL		#6

2 Barbe High School - Building J - Schedules N.T.S.

RMG ARCHITECT
 RANDY M. GOODLOE, AIA, APAC
 725 KIRBY STREET
 LAKE CHARLES, LOUISIANA
 OFFICE: 337.436.3036
 FAX: 337.436.3773

STATE OF LOUISIANA
 R. CRAIG CAMPBELL, II
 License No. 29380
 2/24/22
 PROFESSIONAL ENGINEER

HURRICANE LAURA REPAIRS
**GYMS & CAFETERIA REPAIRS
 MODULAR BLDG INSTALL**
 A.M. BARBE HIGH SCHOOL
 FOR
CALCASIEU PARISH SCHOOL BOARD
 2200 W. MCNEESE ST., LAKE CHARLES, LA
 HL-003-09

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RMG PROJECT NO.
20042-01H
 OWNER PROJECT HL NO.
HL-003-09
 PROJECT MANAGER

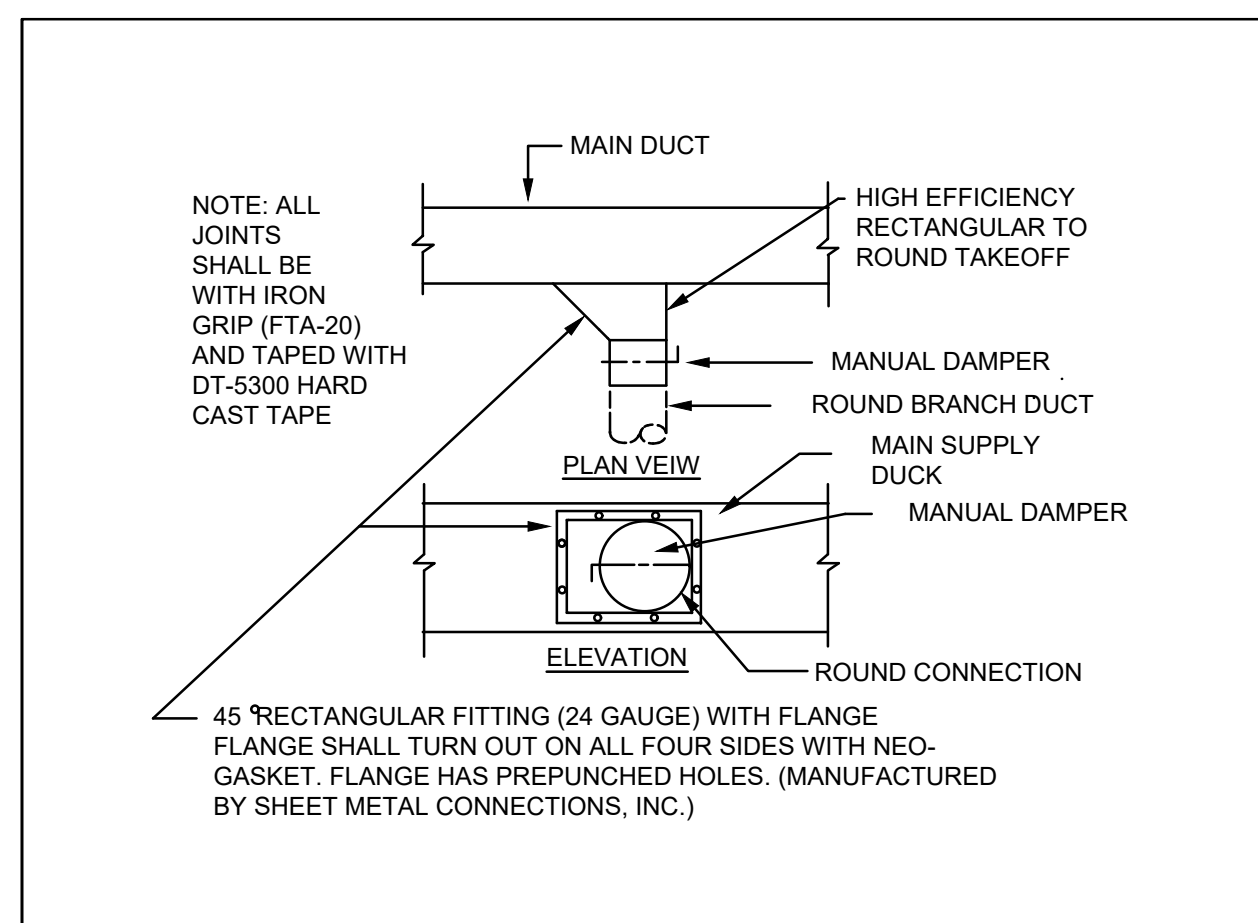
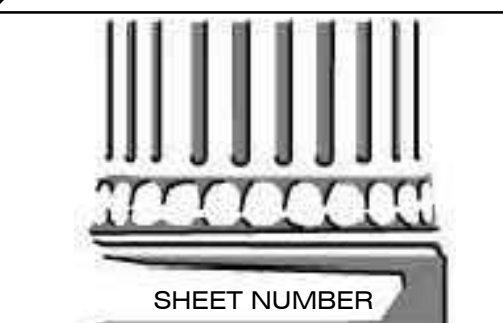
DATE ISSUED
01.14.2022

REVISED	
1	Addendum No.4 2/24/2022

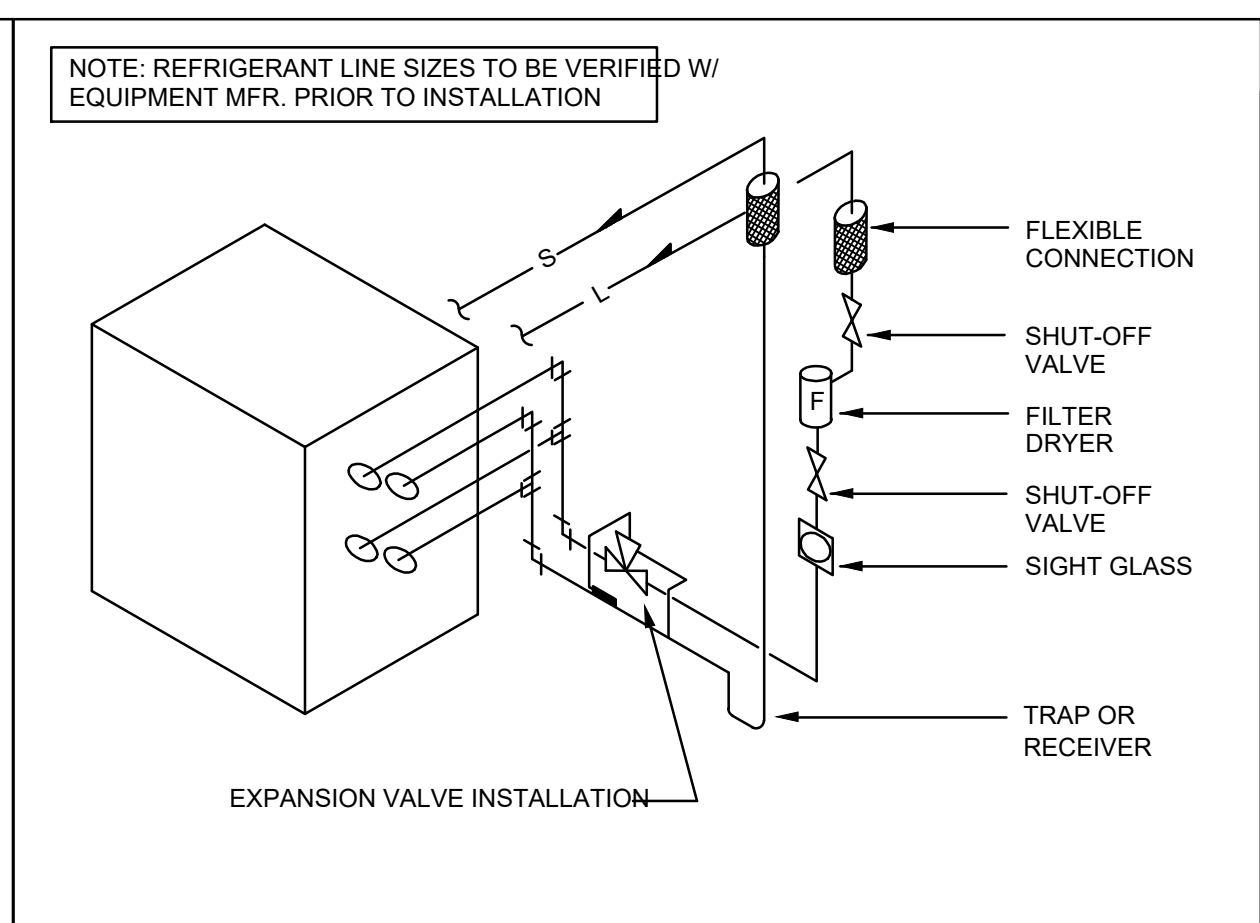
ADG ENGINEERING
 ASSOCIATED DESIGN GROUP, INC.
 3909 W Congress Street, Suite 201
 Lafayette, Louisiana 70506
 Phone: (337) 234-5710
 Email: adginc@adginc.org
 Project No. 20300

SHEET NUMBER
M-4R1
 BLDG J - MECH. DETAILS

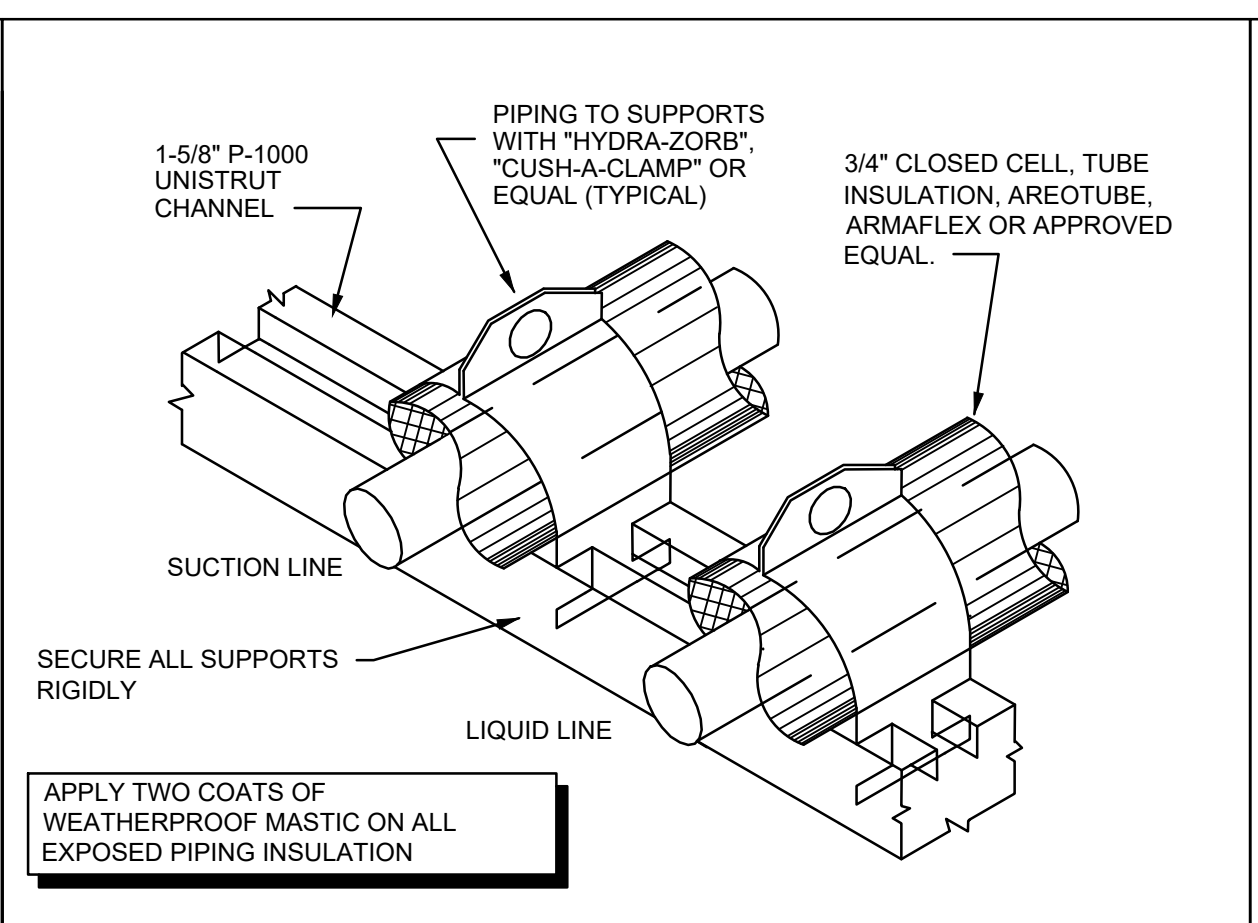
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1	Addendum No.4	2/24/2022



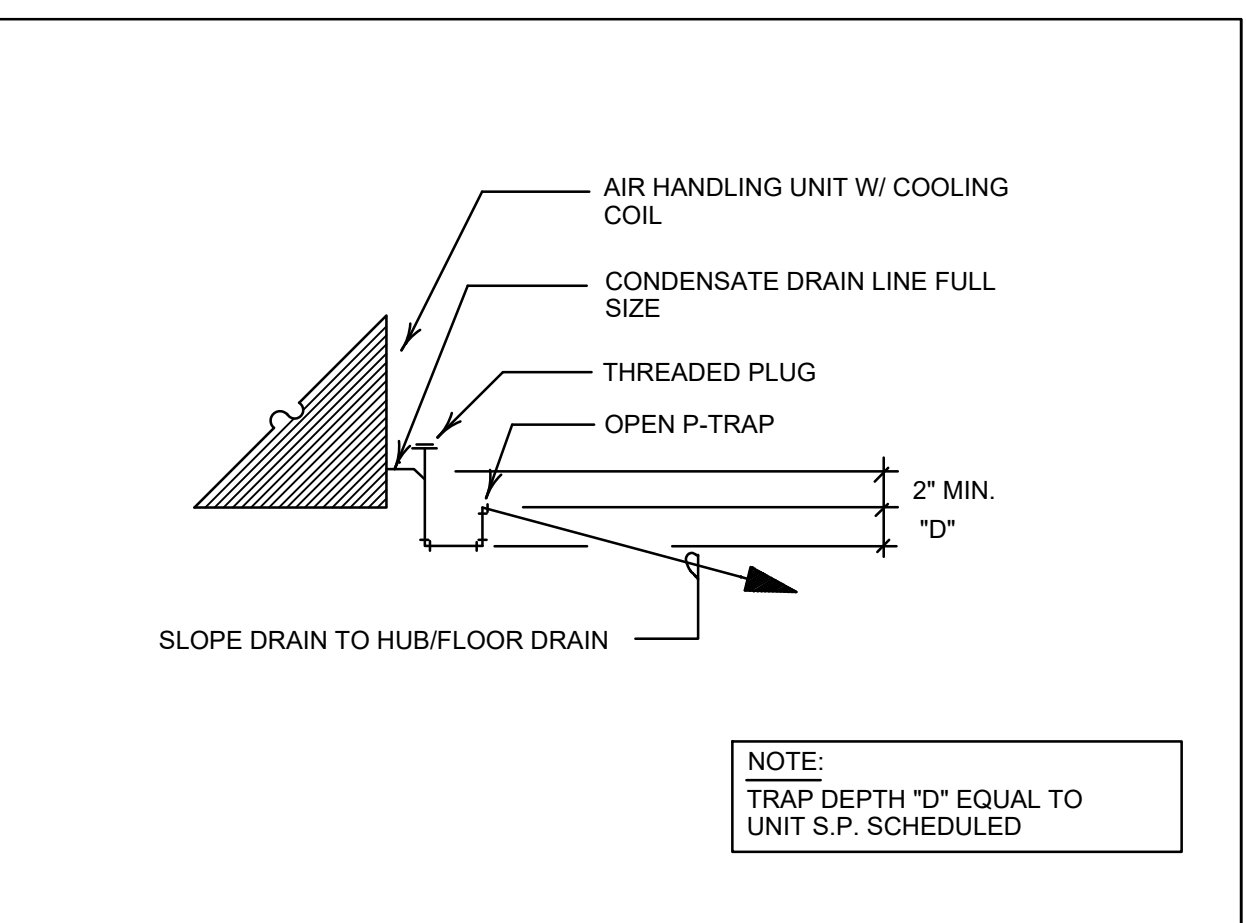
1 SUPPLY OR RETURN AIR DUCT CONNECTION DETAIL
 NO SCALE



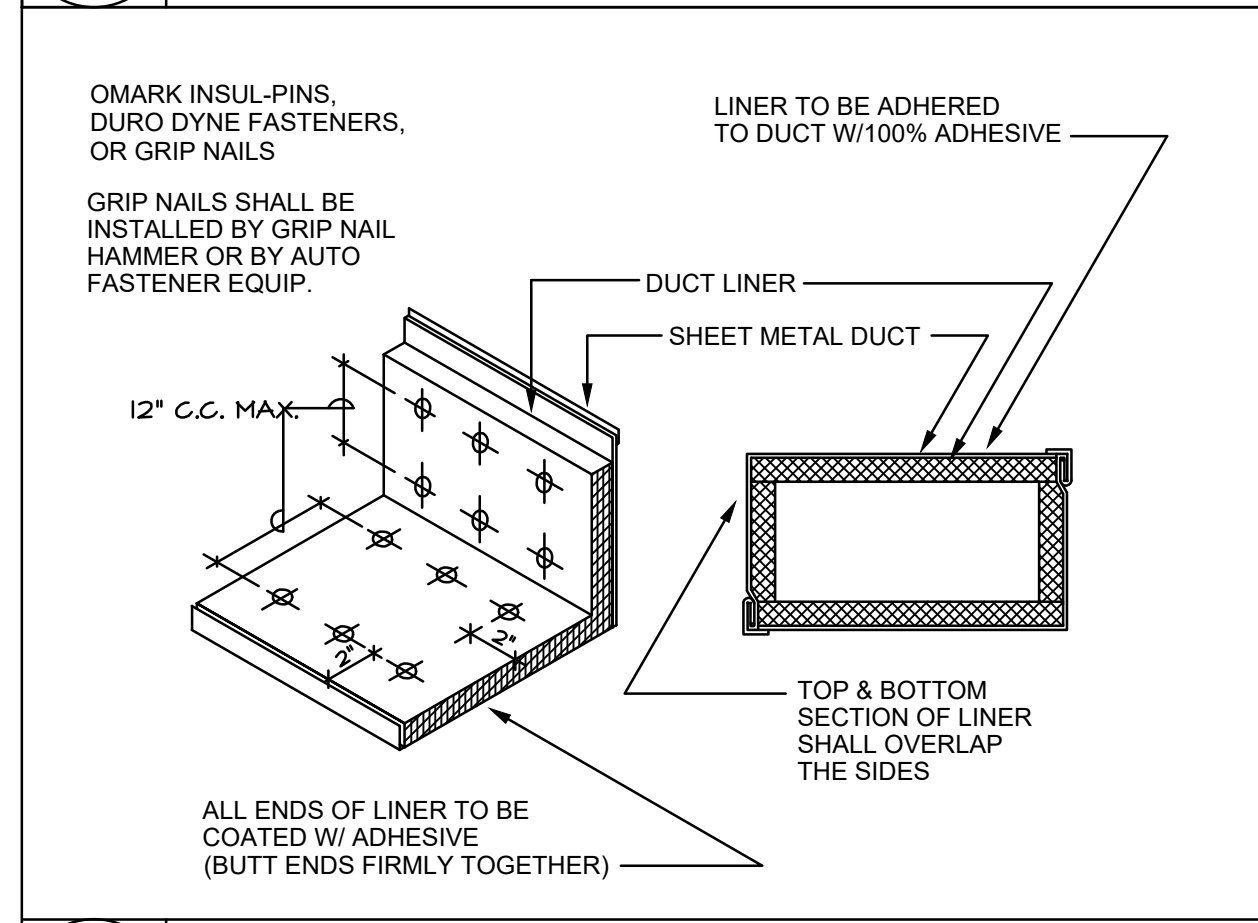
2 TYPICAL REFRIGERANT SCHEME
 NO SCALE



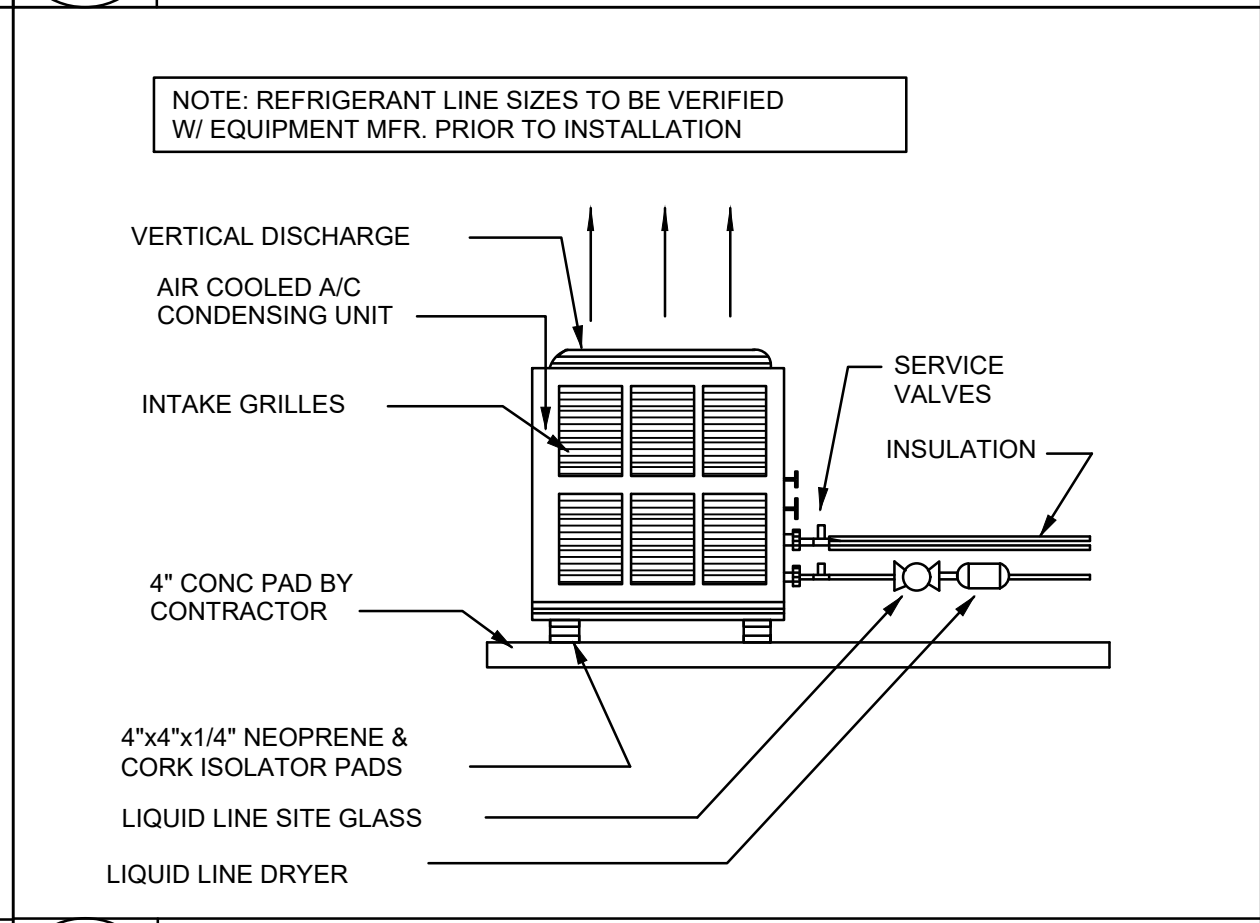
3 REFRIGERANT PIPE SUPPORT DETAIL
 NO SCALE



4 AIR HANDLING UNIT DRAIN PIPING DIAGRAM
 NO SCALE



5 INTERNALLY LINED DUCTWORK
 NO SCALE



6 CONDENSING UNIT DETAIL
 NO SCALE

1 Barbe High School - Building M - Mechanical Details
 N.T.S.

AIR CONDITIONING UNIT SCHEDULE																							
NO.	SERVICE	FAN				ELECTRIC SERVICE	COOLING								HEATING					REMARKS			
		MIN. C.F.M.	C.F.M.	HP	FAN H.P.		MIN. SENSIBLE BTUH OUTPUT	MIN. LATENT BTUH	ENT. AIR S.B.	LEAV. AIR H.B.	LEAV. AIR D.B.	WATER TEMP. IN	G.P.M.	MIN. BTUH OUTPUT	ENT. AIR	LEAV. AIR	WEG. STRIP MIN.	NO. STAGES	ELECTRIC SERVICE				
1,2,3,4	GYMNASIUM	15,440	22,500	3 1/4	10	480-3-60	202,415	245,550	78.4	67.2	52.0	51.0	45	57	105	2,60,215	65.8	83.7	76.5	30	3	480-3-60	VERTICAL DRAW-THRU CENTRAL STATION UNIT
5,6,7	WEIGHT ROOM	1,000	50	0 1/8	1/8	208-1-60	18,026	4,294	76.0	63.6	59.3	56.0	45	57	3.8	12,048	72.3	83.5	3.6	4	1	208-1-60	HORIZONTAL PAN COIL-CEILING SURFACE MOUNT
8	TRAINING ROOM	600	50	0 1/8	1/8	208-1-60	11,216	3,884	76.7	64.2	59.4	55.7	45	57	3.5	5,927	70.4	79.6	1.8	4	1	208-1-60	HORIZONTAL PAN COIL-CEILING SURFACE MOUNT
9,10,11,12	PE. CLASSROOMS	800	75	0 1/8	1/8	208-1-60	14,513	5,760	76.9	64.4	60.1	55.8	45	57	3.4	11,425	69.8	83.1	3.4	4	1	208-1-60	HORIZONTAL PAN COIL-CEILING SURFACE MOUNT
13	CONCESSION	3,170	500	1 1/8	2	480-3-60	79,238	32,690	78.2	65.8	55.0	54.0	45	57	18.7	80,391	66.3	89.8	23.7	30	1	480-3-60	HORIZONTAL DRAW-THRU CENTRAL STATION UNIT

EXHAUST FAN SCHEDULE									
NO.	SERVICE	MIN. C.F.M.	MAX. R.P.M.	EXT. S.P.	FAN H.P.	TYPE	DRIVE	ELECTRIC SERVICE	REMARKS
1	TOILET 108	310	970	1/8"	1/40	CENT	DIRECT	180-1-60	
2,3	DRESSING 115 & 108	8,760	470	1/4"	1/20	CENT	BELT	208-3-60	
4,5	DRESSING 127 & 123	9,680	510	1/4"	2	CENT	BELT	208-3-60	
6,7	MEN 104 & WOMEN 105	1,100	860	1/8"	1/20	CENT	DIRECT	120-1-60	
8,9	GYMNASIUM	1,500	430	1/8"	1/2	CENT	DIRECT	208-3-60	
10	LAUNDRY	2,040	860	1/8"	1/6	CENT	DIRECT	120-1-60	

GRILLE SCHEDULE					
SYMBOL	SIZE	SERVICE	LOCATION	FINISH	REMARKS
(A)	48"x24"	RETURN	CEILING	WHITE ENAMEL	
(B)	20"x8"	TRANSFER	DOOR	ALUMINUM	
(C)	12"x12"	EXHAUST	CEILING	WHITE ENAMEL	
(D)	48"x24"	TRANSFER	CEILING	WHITE ENAMEL	
(E)	24"x24"	EXHAUST	CEILING	WHITE ENAMEL	
(F)	48"x48"	TRANSFER	WALL	ALUMINUM	
(G)	22"x60"	TRANSFER	DOOR	ALUMINUM	
(H)	98"x48"	RETURN	WALL	ALUMINUM	

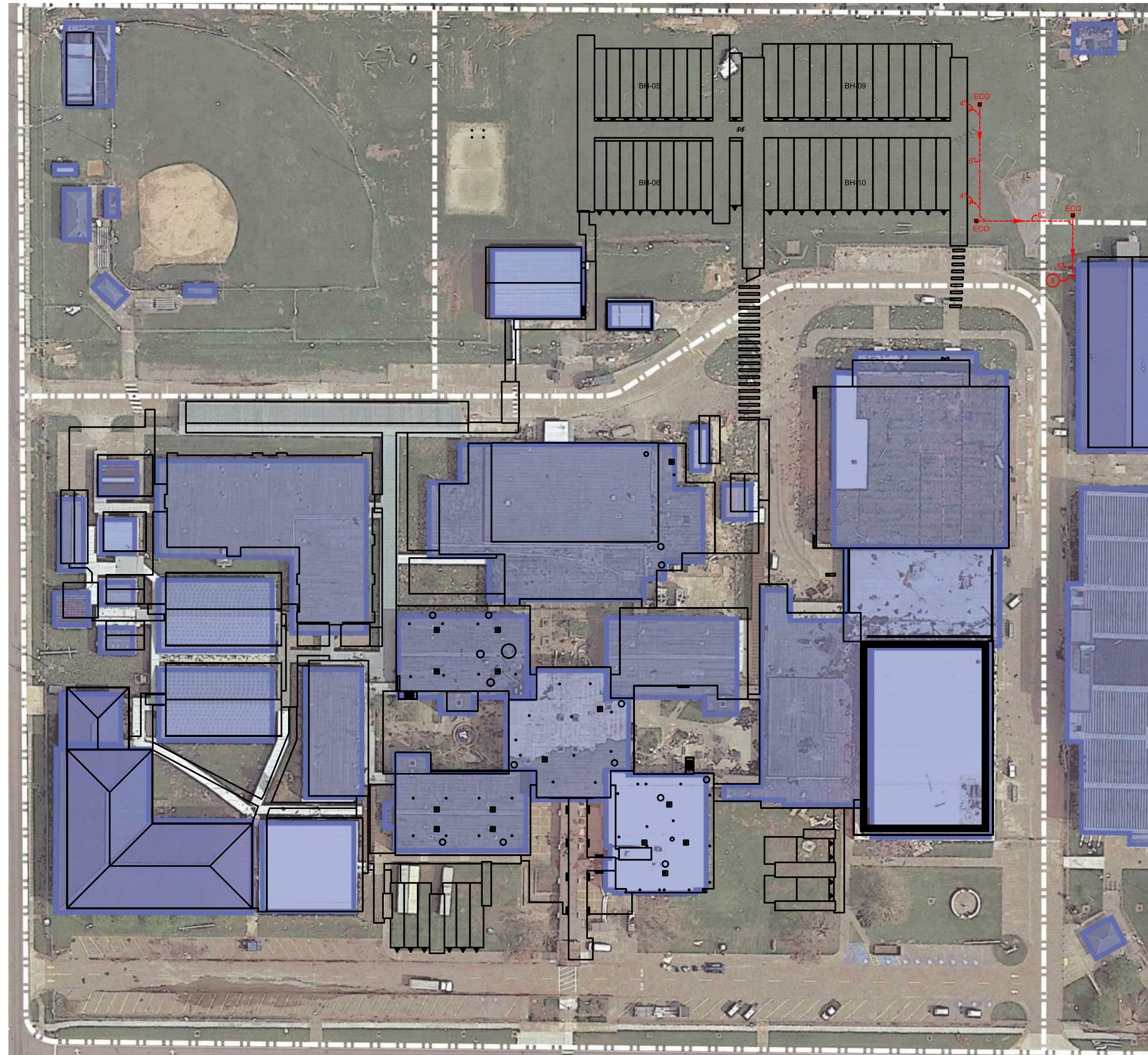
ELECTRIC HEATER SCHEDULE							
NO.	SERVICE	MIN. BTUH OUTPUT	KW STRIP MIN.	KW STRIP MAX.	C.F.M.	ELECTRIC SERVICE	REMARKS
1	CORRIDOR-142	10,500	3	6	250	277-1-60	WALL RECESSED MOUNTED UNIT
2,3	CORRIDOR-151	21,300	6	10	500	277-1-60	WALL RECESSED MOUNTED UNIT
4,5	DRESSING-115	20,500	6	6	500	277-1-60	CEILING SURFACE MOUNTED UNIT
6,7	DRESSING-108	20,500	6	6	500	277-1-60	CEILING SURFACE MOUNTED UNIT
8,9	DRESSING-127	20,500	6	6	500	277-1-60	CEILING SURFACE MOUNTED UNIT
10	DRYING-125	15,700	4	6	250	277-1-60	CEILING SURFACE MOUNTED UNIT
11	DRESSING-123	20,500	6	6	500	277-1-60	CEILING SURFACE MOUNTED UNIT

1 Barbe High School - Building M - Original Schedules
 N.T.S.



ASSOCIATED DESIGN GROUP, INC.
 3909 W Congress Street, Suite 201
 Lafayette, Louisiana 70506
 Phone: (337) 234-5710
 Email: adginc@adginc.org

Project No. 20300



16 Barbe High - Plumbing Site Plan - Main Campus
1" = 50'-0"



19 Plumbing Canopy Addition
1/16" = 1'-0"

PLUMBING SPECIFICATIONS:

ALL WORK SHALL BE DONE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL CODES INCLUDING THE 2015 INTERNATIONAL PLUMBING CODE WITH LOUISIANA AMENDMENTS AND THE STATE SANITARY CODE.

DOMESTIC WATER PIPING AND FITTINGS ABOVE GRADE SHALL BE TYPE L HARD COPPER. PROVIDE 1" FIBERGLASS INSULATION WITH ASJ. INSULATION SHALL MEET 25/50 SMOKE AND FLAME SPREAD REQUIREMENTS. PROVIDE ALUMINUM JACKETS FOR ALL EXTERIOR PIPE AND FITTINGS.

DOMESTIC WATER PIPING ON SITE BELOW GRADE SHALL BE SCH 40 PVC PRESSURE PIPE (ASTM D1785).

2" - 4" SEWER WASTE AND VENT PIPING AND FITTINGS SHALL BE SOLID WALL SCH 40 PVC.

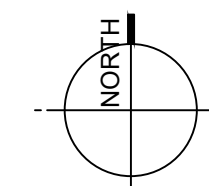
PROVIDE HANGERS TO SUPPORT DOMESTIC WATER AND SEWER WASTE AND VENT PIPING.

PLUMBING KEYNOTES:

- 1 PROVIDE EXTERIOR CLEANOUT WITH CONCRETE PAD.
- 2 CONNECT SEWER AND WATER TO ALL PLUMBING FIXTURES AND WATER HEATER IN TEMPORARY BUILDING. REFER TO MANUFACTURERS DETAILS FOR CONNECTION LOCATIONS AND SIZES. PROVIDE P-TRAPS AS REQUIRED FOR CONNECTION TO FIXTURES.
- 3 RISE UP WITH WATER LINE TO ABOVE GRADE BELOW TEMPORARY BUILDING. ALL WATER LINES ABOVE GRADE SHALL BE INSULATED AND COVERED WITH ALUMINUM JACKETS. PROVIDE HANGERS AND CONNECT TO ALL PLUMBING FIXTURE WATER CONNECTION POINTS.
- 4 PROVIDE A 2" HUB DRAIN FOR INDIRECT CONDENSATE DRAIN AT EACH A/C UNIT. EXTEND A/C UNIT DRAIN LINE TO HUB DRAIN. CONNECT HUB DRAINS TO NEW SEWER LINES AS SHOWN. CONDENSATE DRAIN LINES MAY RUN ABOVE GRADE WHERE CONCEALED BY BUILDINGS AND WALKWAYS.
- 5 DROP DOWN WITH SEWER LINE FROM ABOVE GRADE TO BELOW GRADE IN THIS VICINITY.
- 6 PROVIDE END CLEANOUT CAP AT EDGE OF TEMPORARY BUILDING. TURN UP AND RISE TO FLUSH WITH FINISHED FLOOR ELEVATION.
- 7 PROVIDE DOMESTIC WATER SHUTOFF VALVE IN CAST IRON VALVE BOX WITH CONCRETE PAD AND METAL COVER MARKED "WATER".
- 8 CONNECT TO EXISTING SANITARY SEWER LINE IN THIS VICINITY IN ACCORDANCE WITH STATE AND LOCAL UTILITIES DEPARTMENT REQUIREMENTS. VERIFY FLOW DIRECTION, INVERT, LINE SIZE, AND TIE-IN LOCATION PRIOR TO ANY ROUGH-INS.
- 9 CONNECT TO EXISTING DOMESTIC WATER LINE BELOW GRADE IN THIS VICINITY. CONTRACTOR SHALL VERIFY EXACT LOCATION AND LINE SIZE PRIOR TO ROUGH IN.

GENERAL NOTES:

- A. ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL CODES (INCLUDING INTERNATIONAL PLUMBING CODE, INTERNATIONAL BUILDING CODE, INTERNATIONAL FUEL GAS CODE, NFPA, ETC.) AND APPLICABLE DEQ AND DHPD REGULATIONS TO THE SATISFACTION OF THE AUTHORITIES HAVING JURISDICTION. CONTRACTOR SHALL OBTAIN REQUIRED PERMITS AND APPROPRIATE WORK AUTHORIZATION PRIOR TO BEGINNING WORK.
- B. CONTRACTOR SHALL VERIFY EXACT LOCATION OF UTILITIES, INVERT ELEVATIONS, ETC. PRIOR TO BEGINNING ANY ROUGH-IN OF SUBSURFACE WORK. COORDINATE ALL UTILITY TIE-IN REQUIREMENTS WITH RESPECTIVE UTILITIES.
- C. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS, DETAILS, ETC. INSTALL WORK TO CONFORM TO ARCHITECTURAL AND STRUCTURAL DRAWINGS AS REQUIRED. REVIEW COMPLETE SET OF CONTRACT DOCUMENTS PRIOR TO SUBMITTING BID.
- D. CONTRACTOR SHALL RUN ALL NEW UTILITIES (WATER, SEWER, ETC.) AROUND NEW CONSTRUCTION AREA AS INDICATED PRIOR TO SHUTTING DOWN OR TIE-ING INTO ANY SYSTEMS. COORDINATE ALL UTILITY SERVICE DISRUPTIONS TO OTHER UTILITY CUSTOMERS WITH RESPECTIVE UTILITY. ALL UTILITY RELOCATION (SUCH AS WATER) SHALL BE DONE IN STRICT COMPLIANCE WITH UTILITY COMPANY STANDARDS AND REQUIREMENTS. CONTACT UTILITY COMPANY, VERIFY AND DOCUMENT REQUIREMENTS, COSTS, CHARGES, ETC. CONTRACTOR SHALL FULLY COMPLY WITH ALL UTILITY COMPANY REQUIREMENTS.
- E. COORDINATE ALL WORK THROUGH GENERAL CONTRACTOR. COORDINATE CUTTING, PATCHING, TRENCHING WORK WITH SITE GRADING / PAVING PLAN.
- F. UNDERGROUND UTILITIES ARE APPROXIMATE. VERIFY INVERTS AND EXACT LOCATIONS WITH UTILITY PERSONNEL. VERIFY ALL EASEMENTS WITH APPROPRIATE PARTIES. ADJUST ALL UTILITY LINES ACCORDINGLY.
- G. COORDINATE INSTALLATION OF ALL PLUMBING, PIPING, ETC. WITH ARCHITECTURAL, STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL, EXISTING AND NEW CONDITIONS. ALL TRADES, ETC.
- H. ALL DOMESTIC WATER BRANCH LINES SHALL HAVE VALVES AT MAINLINES.



ASSOCIATED DESIGN GROUP, INC.
3909 W Congress Street, Suite 201
Lafayette, Louisiana 70506
Phone: (337) 234-5710
Email: adginc@adginc.org
Project No. 20300

RMG
ARCHITECT
RANDY M. GOODLOE, AIA, APAC
725 KIRBY STREET
LAKE CHARLES, LOUISIANA
OFFICE: 337.436.3036
FAX: 337.436.3773



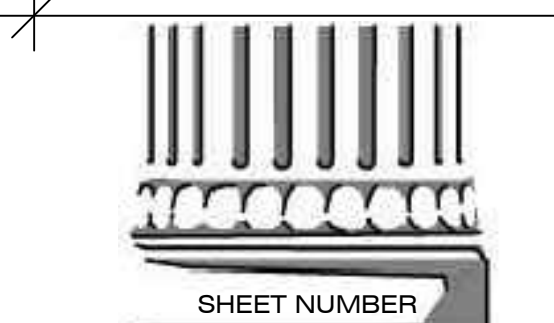
HURRICANE LAURA REPAIRS
**GYMS & CAFETERIA REPAIRS
MODULAR BLDG INSTALL**
FOR
CALCASIEU PARISH SCHOOL BOARD
2200 W. MCNEESE ST., LAKE CHARLES, LA
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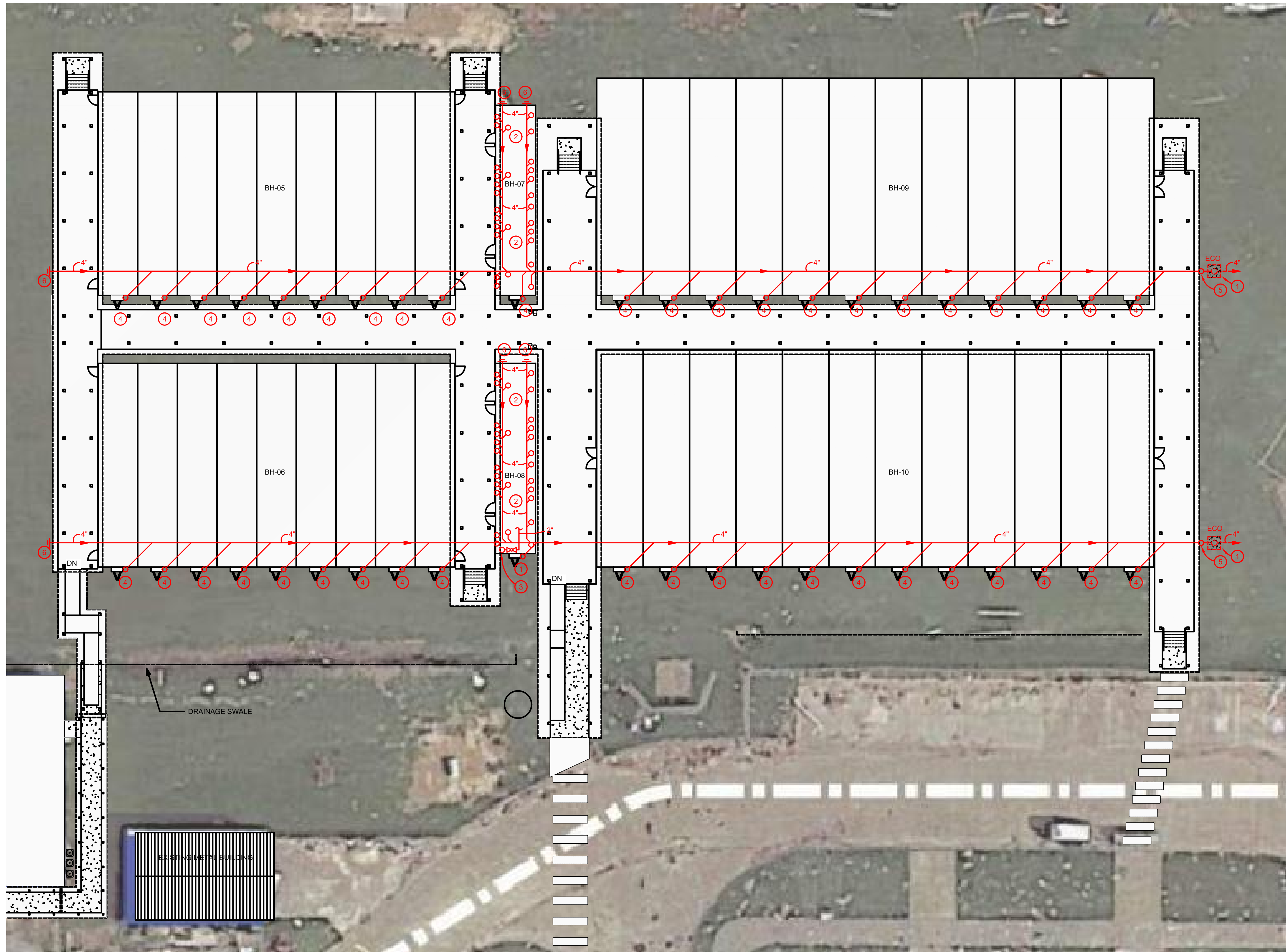
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HL-003-09
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DATE ISSUED
01.14.2022

REVISED	
1	Addendum No.4 2/24/2022



SHEET NUMBER
P-0P0R1
PORTABLES OVERALL
PLUM. SITE PLAN



16 Plumbing Site Plan - Portable Buildings North
1/16" = 1'-0"

NOTE: REFER TO SHEET P-0P0 FOR SPECIFICATIONS,
GENERAL NOTES, AND KEY NOTES.



ASSOCIATED DESIGN GROUP, INC.
3909 W Congress Street, Suite 201
Lafayette, Louisiana 70506
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OFFICE: 337.436.9036
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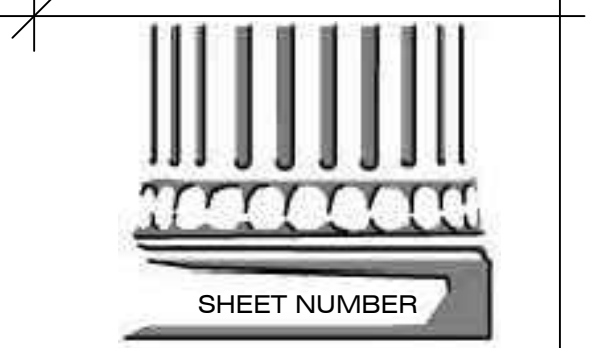
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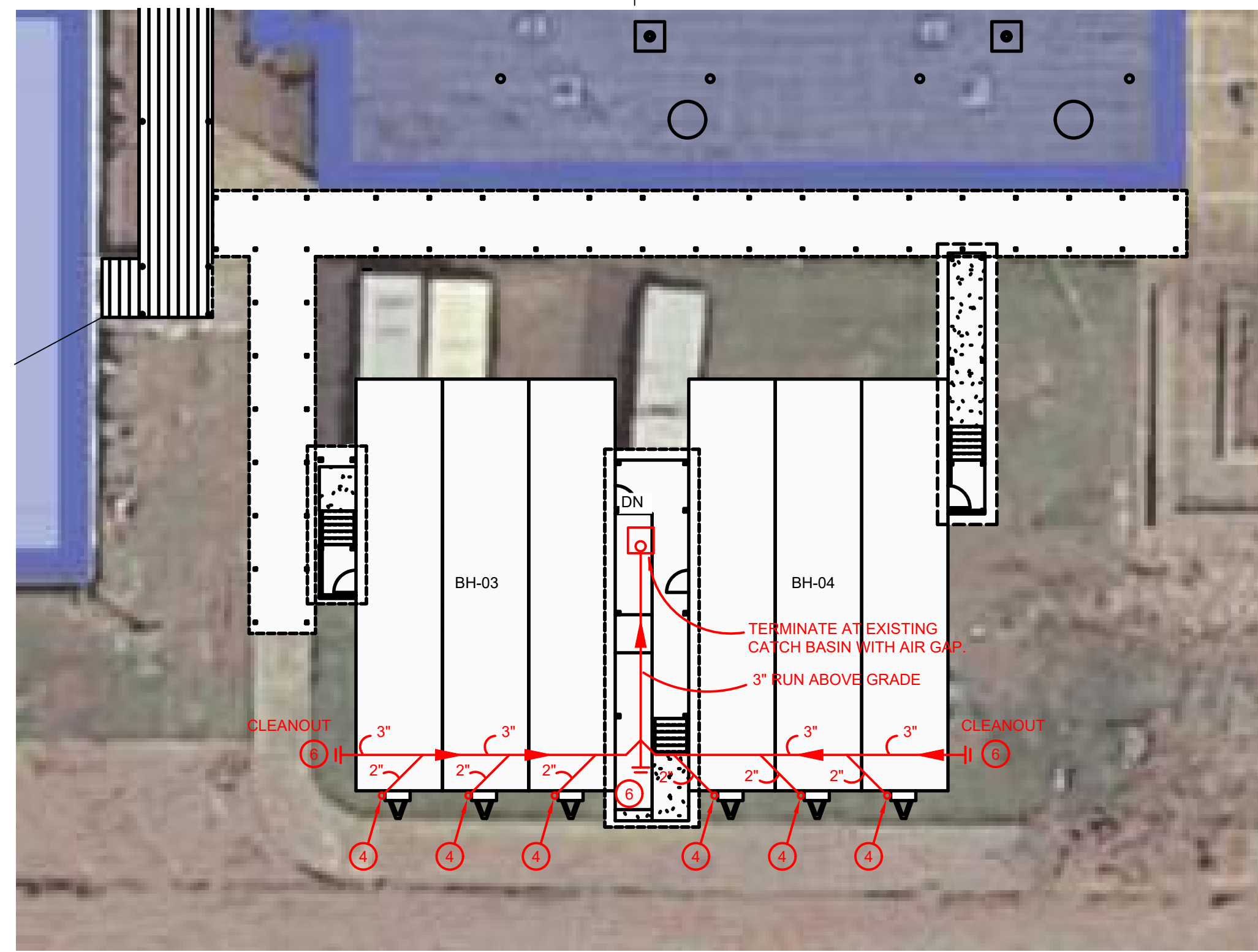
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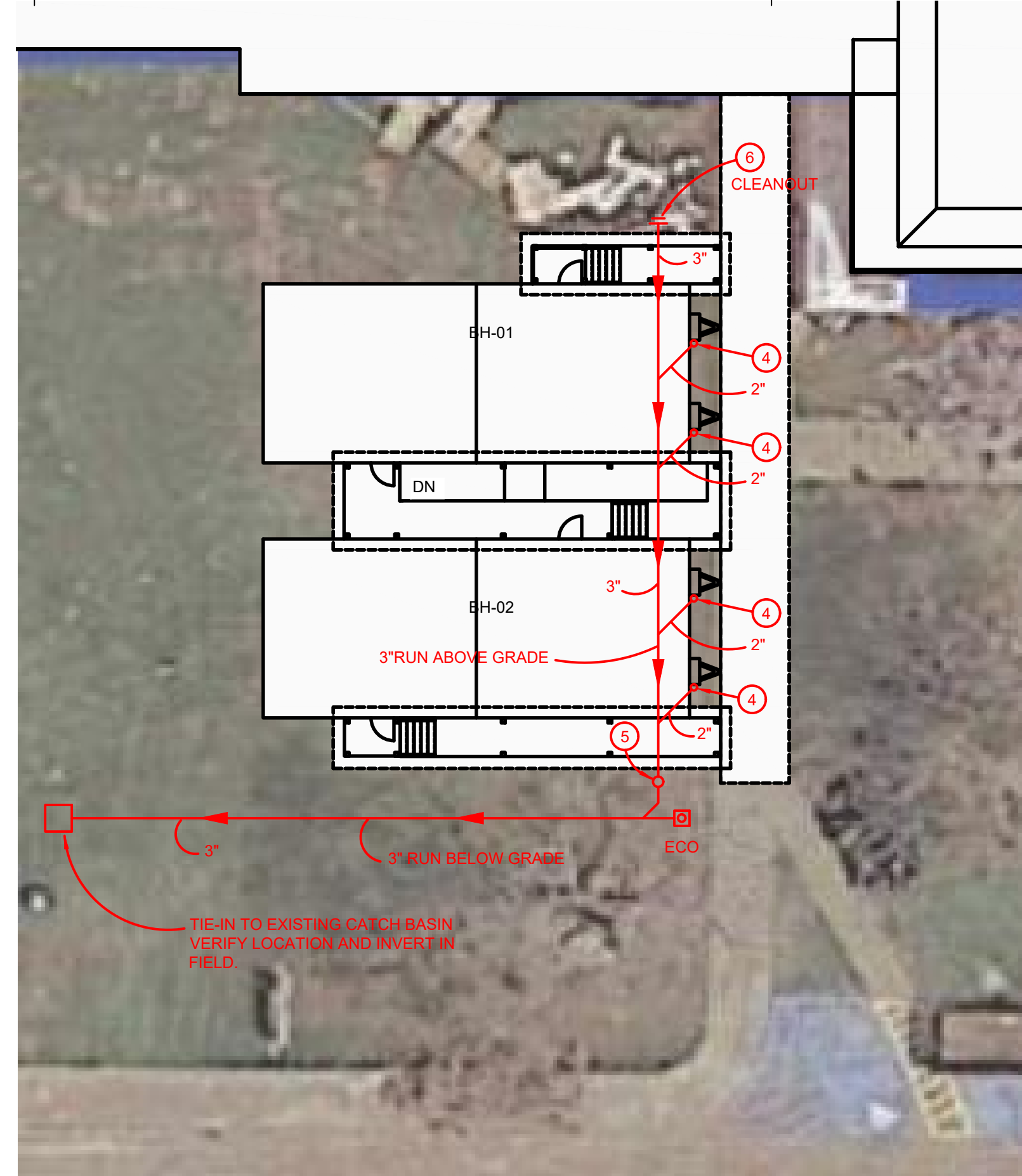
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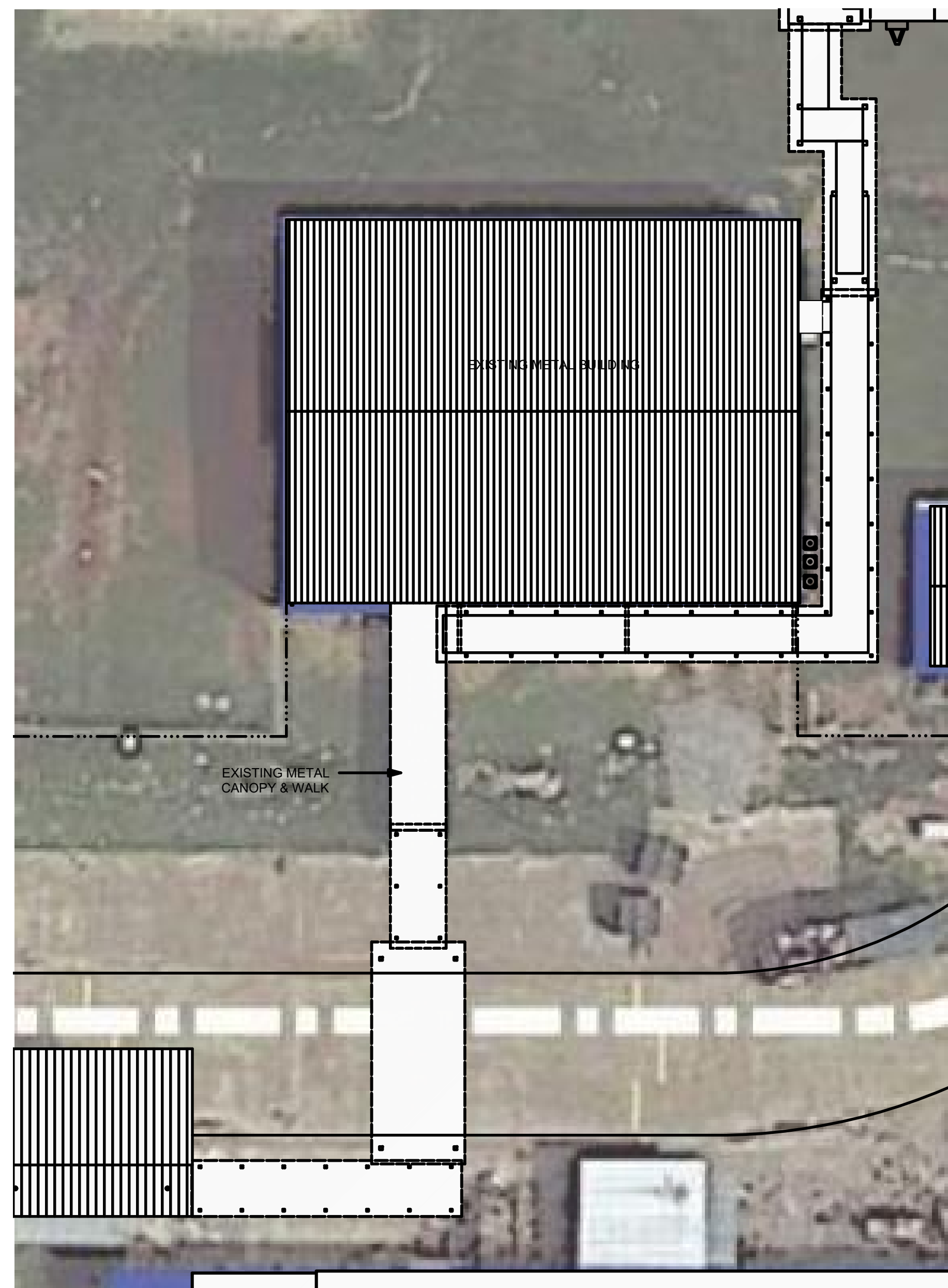
P-0P1R1
PORTABLES - SITE
PLAN BH-05, 06, 09, 10



6 Barbe High - Plumbing Site Plan - Portable Buildings Southwest
1/16" = 1'-0"



7 Barbe High - Plumbing Site Plan - Portable Buildings Southeast
1/16" = 1'-0"

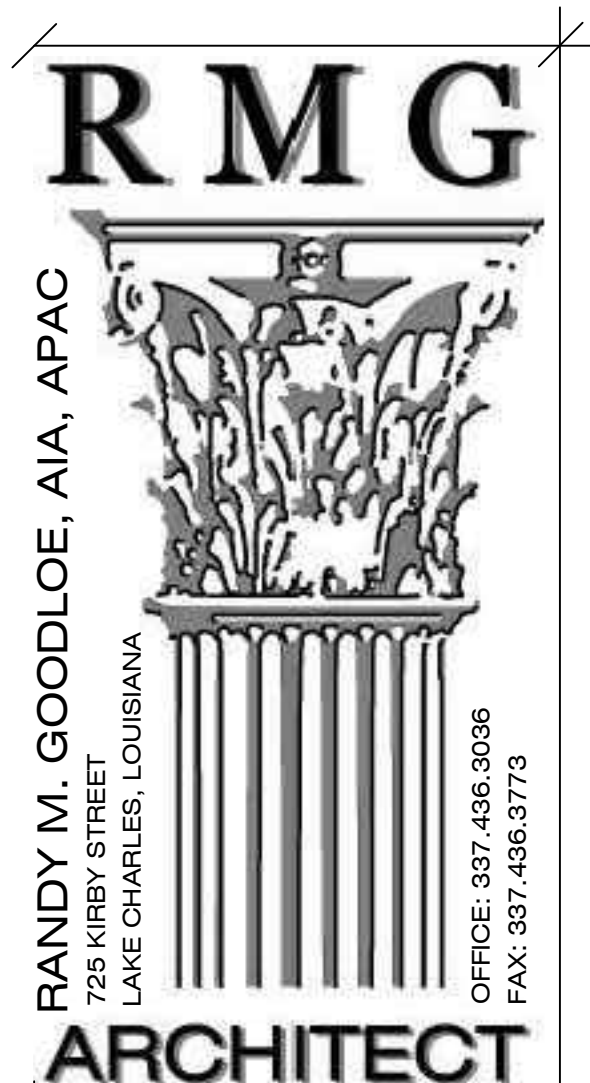


16 Plumbing Detail 0
1/16" = 1'-0"

NOTE: REFER TO SHEET P-0P0 FOR SPECIFICATIONS, GENERAL NOTES, AND KEY NOTES.



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3909 W Congress Street, Suite 201
Lafayette, Louisiana 70506
Phone: (337) 234-5710
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**GYMS & CAFETERIA REPAIRS
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SHEET NUMBER
P-0P2R1
PORTABLES - SITE
PLAN BH-01, 02, 03, 04