WBA
ARCHITECTURE

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September 10, 2021

Pearl High School Indoor Training Facility
Pearl, Mississippi

ADDENDUM NO. 02

NOTICE TO ALL DOCUMENT HOLDERS:
The following additions, deletions, changes and clarifications to the drawings and specifications are to be included as part of the Contract Documents.

SPECIFICATIONS

ITEM NO. 01 **00.4100 Bid Form**
Revise per the enclosed sheets.

ITEM NO. 01 **01.2100 ALLOWANCES**
Add this section in its entirety per the enclosed sheets.

ITEM NO. 03 **01.2200 UNIT PRICES**
Add this section in its entirety per the enclosed sheets.

ITEM NO. 04 **07.4213 INSULATED METAL ROOF & WALL PANELS**
Revise in its entirety per the enclosed Specification.

ITEM NO. 05 **10.1400 SIGNAGE**
Revise in its entirety per the enclosed Specification.

ITEM NO. 06 **32.1815 OUTDOOR SYNTHETIC PLAYING FIELD SURFACING**
Part 2 – Products ; Para. 4 Special Maintenance Equipment
Add Subparagraph B to read as follows:

"B. Basis of Design for the groomer/sweeper shall be: Integrated Sports Turf Groomer Model 926 by GreensGroomer www.greensgroomer.com. Note! Products that meet or exceed the Specifications of the Basis of Design shall be considered."

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DRAWINGS

ITEM NO. 07 **COVER SHEET**
Revise per the Enclosed Sheet.

ITEM NO. 08 **A106 FINISH FLOOR PLAN SCHEDULE & LEGEND**
Revise per the enclosed sheet.
Finish Schedule and Finish Legend have been moved to sheet A601.

ITEM NO. 09 **A107 TURF COLOR DIAGRAM**
Add sheetA107 per the enclosed sheet.

ITEM NO. 10 **A201 EXTERIOR ELEVATIONS**
A202 BUILDING SECTIONS
Revise per the enclosed sheetS.

ITEM NO. 11 **A601 PARTITIONS AND FINISHES**
Revise per the enclosed sheet.
Added note to reference A106 for Finish Schedule Wall Orientation

ITEM NO. 12 **A701 ENLARGED PLANS & INTERIOR ELEVATIONS**
A702 ENLARGED PLANS & INTERIOR ELEVATIONS
A703 ENLARGED PLANS & ELEVATIONS
A704 ENLARGED PLANS & INTERIOR ELEVATIONS
Revise per the enclosed sheet.
North Arrows added to each enlarged Plan
Notes re: wall graphics added.
Notes re: owner-provided furniture items added

ITEM NO. 13 **M201 MECHANICAL SCHEDULES**
Revise per the enclosed sheet.
Fan Schedule: Addition of Note 6 in the "Features/Accessories" column stating the requirement for a manufacturer's roof discharge cap and birdscreen to be supplied with the scheduled exhaust fans. This note applies to fans EF-01 through EF-04

ITEM NO. 14 **E0.2 ELECTRICAL DETAILS**
E2.1 PARTIAL POWER PLAN – PART B
Revise per the enclosed sheets.

Encl: Revised 00.4100 Bid Form (2 pages)
Section 01.2100 Allowances (1 page)
Section 01.2200 Unit Prices (2 pages)
Revised Section 10.1400 Signage (4 pages)
Revised Cover Sheet
Revised Sheets A201 & A202 (2 sheets)
Revised Sheets A601, A701, A702, A703 & A704 (5 sheets)
Sheet A107
Revised sheet M201
Revised sheets E0.2 & E2.1 (2 sheets)

cc: All Document Holders
File 5820

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Bid Form

THE PROJECT AND THE PARTIES

1. TO:
   A. Owner: Pearl Public School District.
2. FOR:
   A. Project: PEARL HIGH SCHOOL INDOOR TRAINING FACILITY
3. DATE: _____ (BIDDER TO ENTER DATE)
4. SUBMITTED BY: (BIDDER TO ENTER NAME AND ADDRESS)
   A. Bidder's Full Name _____
      1. Address _____
      2. City, State, Zip_____
5. OFFER
   A. Having examined the Place of The Work and all matters referred to in the Instructions to Bidders and the Bid Documents prepared by [_____] for the above mentioned project, we, the undersigned, hereby offer to enter into a Contract to perform the Work for the Sum of:
   B. _____
      _____ dollars
      ($_____), in lawful money of the United States of America.
   C. We have included the required security deposit as required by the Instruction to Bidders.
   D. We have included the required performance assurance bonds in the Bid Amount as required by the Instructions to Bidders.
   E. All applicable federal taxes are included and State of [_____] taxes are included in the Bid Sum.
   F. All Cash and Contingency Allowances described in Section 01.2100 - Allowances are included in the Bid Sum.
   G. ALTERNATES:
      1. ALTERNATE #1 (ADD or DEDUCT): $_____
         a. (amount in words)_____
6. ACCEPTANCE
   A. This offer shall be open to acceptance and is irrevocable for sixty days from the bid closing date.
   B. If this bid is accepted by Owner within the time period stated above, we will:
      1. Execute the Agreement within seven days of receipt of Notice of Award.
      2. Furnish the required bonds within seven days of receipt of Notice of Award.
      3. Commence work within seven days after written Notice to Proceed of this bid.
   C. If this bid is accepted within the time stated, and we fail to commence the Work or we fail to provide the required Bond(s), the security deposit shall be forfeited as damages to Owner by reason of our failure, limited in amount to the lesser of the face value of the security deposit or the difference between this bid and the bid upon which a Contract is signed.
   D. In the event our bid is not accepted within the time stated above, the required security deposit shall be returned to the undersigned, in accordance with the provisions of the Instructions to Bidders; unless a mutually satisfactory arrangement is made for its retention and validity for an extended period of time.
7. CONTRACT TIME
   A. If this Bid is accepted, we will:
   B. Complete the Work in 365 calendar days from Notice to Proceed.
8. UNIT PRICES
   A. The following are Unit Prices for specific portions of the Work as listed. The following is the list of Unit Prices:

issued via Addendum No. 2

B. ITEM DESCRIPTION
   1. Additional Excavation and Backfill
      a. Words: _____ Dollars per Cubic Yard
      b. Figures: $_____per Cubic Yard

9. ADDENDA
   A. The following Addenda have been received. The modifications to the Bid Documents noted below have been considered and all costs are included in the Bid Sum.
      1. Addendum # _____ Dated _____.
      2. Addendum # _____ Dated _____.
      3. Addendum # _____ Dated _____.
      4. Addendum # _____ Dated _____.

10. ALLOWANCES
   A. The following Allowances are included in the Base Bid (see Section 01.2100):
      1. Vinyl Wall Graphics Allowance: $12,000.00

11. BID FORM SIGNATURE(S)
   A. The Corporate Seal of
   B. _____
   C. (Bidder - print the full name of your firm)
   D. was hereunto affixed in the presence of:
   E. _____
   F. (Authorized signing officer, Title)
   G. (Seal)
   H. _____
   I. (Authorized signing officer, Title)

12. IF THE BID IS A JOINT VENTURE OR PARTNERSHIP, ADD ADDITIONAL FORMS OF EXECUTION FOR EACH MEMBER OF THE JOINT VENTURE IN THE APPROPRIATE FORM OR FORMS AS ABOVE.

13. RESIDENT BIDDER
   A. The Bidder is a : (check which applies) _____ RESIDENT or _____ NON-RESIDENT of the state of Mississippi.
   B. Phone No.: _____
   C. Email: _____

END OF SECTION

Allowances

PART 1 GENERAL

1. SECTION INCLUDES
   A. Cash allowances.
   B. Payment and modification procedures relating to allowances.
2. RELATED REQUIREMENTS
   A. Section 01.2000 - Price and Payment Procedures: Additional payment and modification procedures.
3. CASH ALLOWANCES
   A. Costs Included in Cash Allowances: Cost of product to Contractor or subcontractor, including product delivery to site and handling at the site, including unloading, uncrating, and storage; protection of products from elements and from damage; and labor for installation and finishing, less applicable trade discounts , less Overhead, Profit, Bond and Insurance costs associated with cash allowances. Overhead, Profit, Bond and Insurance costs shall be included in Base Bid costs in addition to the related cash allowances..
   B. Architect Responsibilities:
      1. Consult with Contractor for consideration and selection of products, suppliers , and installers.
      2. Select products in consultation with Owner and transmit decision to Contractor.
      3. Prepare Change Order at Project Closeout to adjust Contract Sum for un-used allowance amounts.
   C. Contractor Responsibilities:
      1. Assist Architect in selection of products, suppliers , and installers.
      2. Advise the Architect of dates when final selection and purchase assocatied with allownaces must be completed to avoid delay of work.
      3. Obtain proposals from suppliers and installers and offer recommendations.
      4. Submit proposals for Architects review and approval prior to purchase.
      5. On notification of which products have been selected, execute purchase agreement with designated supplier and installer.
      6. Arrange for and process shop drawings, product data, and samples. Arrange for delivery.
      7. Promptly inspect products upon delivery for completeness, damage, and defects. Submit claims for transportation damage.
      8. At the direction of the Architect, return unsued materials to manufacturer or supplier for credit, prepare unsuded materials for stroage by Owner, or dispose of unused materials at the Contractor's expense.
   D. Differences in costs will be adjusted by Change Order prior to closeout.
4. ALLOWANCES SCHEDULE
   A. Vinyl Wall Graphics: Include the stipulatede sum of $12,000.00 for the purchase and installation of Vinyl Wall Graphics as indicated in the drawings.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

Unit Prices

PART 1 GENERAL

1. SECTION INCLUDES
   A. List of unit prices, for use in preparing Bids.
   B. Measurement and payment criteria applicable to Work performed under a unit price payment method.
2. COSTS INCLUDED
   A. Unit Prices included on the Bid Form shall include full compensation for all required labor, products, tools, equipment, plant, transportation, services and incidentals; erection, application or installation of an item of the Work; overhead and profit.
3. UNIT QUANTITIES SPECIFIED
   A. Quantities indicated in the Bid Form are for bidding and contract purposes only. Quantities and measurements of actual Work will determine the payment amount.
4. MEASUREMENT OF QUANTITIES
   A. Measurement methods delineated in the individual specification sections complement the criteria of this section. In the event of conflict, the requirements of the individual specification section govern.
   B. Take all measurements and compute quantities. Measurements and quantities will be verified by Architect.
   C. Assist by providing necessary equipment, workers, and survey personnel as required.
   D. Measurement by Weight: Concrete reinforcing steel, rolled or formed steel or other metal shapes will be measured by handbook weights. Welded assemblies will be measured by handbook or scale weight.
   E. Measurement by Volume: Measured by cubic dimension using mean length, width and height or thickness.
   F. Measurement by Area: Measured by square dimension using mean length and width or radius.
   G. Linear Measurement: Measured by linear dimension, at the item centerline or mean chord.
   H. Stipulated Price Measurement: Items measured by weight, volume, area, or linear means or combination, as appropriate, as a completed item or unit of the Work.
5. PAYMENT
   A. Payment for Work governed by unit prices will be made on the basis of the actual measurements and quantities of Work that is incorporated in or made necessary by the Work and accepted by the Architect, multiplied by the unit price.
   B. Payment will not be made for any of the following:
      1. Products wasted or disposed of in a manner that is not acceptable.
      2. Products determined as unacceptable before or after placement.
      3. Products not completely unloaded from the transporting vehicle.
      4. Products placed beyond the lines and levels of the required Work.
      5. Products remaining on hand after completion of the Work.
      6. Loading, hauling, and disposing of rejected Products.
6. SCHEDULE OF UNIT PRICES
   A. Additional Excavation and Backfill
      1. For additional volumes of unstable, weak, or expansive soils discovered during earthwork operations as identified by the testing laboratory and/or design team, which exceeds the requirements for excavation and backfill to accomplish construction work included in the base bid, provide the unit cost per cubic yard (measured as compacted in place volume) to:
         a. Completely excavate, remove, and dispose off site all existing soil not satisfactory for use and
         b. Provide, place, and compact approved select fill in accordance with contract documents.
      2. Words _____Dollars per Cubic Yard

3. Figures $_____per Cubic Yard

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

Edits for Addendum No. 2

SECTION 07.4213

Insulated Metal Roof & Wall Panels

PART 1 GENERAL

1. SECTION INCLUDES
   A. Metal wall backup panel system consisting of foamed-insulation-core metal wall panels and accessories.
   B. Foamed-insulation-core concealed fastener metal wall panels, with related metal trim and accessories.
   C. Foamed-insulation-core standing seam metal roof panels, with related metal trim and accessories.
2. RELATED REQUIREMENTS
   A. 04.2100 - Unit Masonry
   B. Section 05.4000 - Cold-Formed Metal Framing: Stud wall framing system.
   C. Section 07.2100 - Thermal Insulation.
   D. Section 07.4214 - Metal Composite Wall Panels: Field-assembled wall panel system.
   E. Section 07.6200 - Sheet Metal Flashing and Trim.
   F. Section 07.9200 - Joint Sealants: Sealing joints between metal wall panel system and adjacent construction.
   G. Section 08.5115 - Aluminum Transaction Windows.
   H. Section 13.3419 - Metal Building Systems: Building framing system.
3. REFERENCE STANDARDS
   A. AAMA 609 & 610 - Cleaning and Maintenance Guide for Architecturally Finished Aluminum (Combined Document) 2015.
   B. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process 2020.
   C. ASTM A792/A792M - Standard Specification for Steel Sheet, 55% Aluminum-Zinc Alloy-Coated by the Hot-Dip Process 2021a.
   D. ASTM B209/B209M - Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate 2021.
   E. ASTM D1621 - Standard Test Method for Compressive Properties Of Rigid Cellular Plastics 2016.
   F. ASTM D1622 - Standard Test Method for Apparent Density of Rigid Cellular Plastics 2020.
   G. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials 2021a.
   H. FM 4880 - Approval Standard for Class 1 Fire Rating of Building Panels or Interior Finish Materials 2015.
   I. FM 4881 - Approval Standard for Class 1 Exterior Wall Systems 2016.
4. PRE-INSTALLATION MEETING
   A. Preinstallation Meeting: Convene one week before starting work of this section.
5. SUBMITTALS
   A. See Section 01.3000 - Administrative Requirements for submittal procedures.
   B. Product Data: Provide manufacturer documentation on tested structural, thermal, and fire resistance capabilities of assembled panel.
   C. Shop Drawings: Indicate dimensions, panel profile and layout, spans, joints, construction details, methods of anchorage, and method and sequence of installation.
   D. Samples: Submit two samples of panel, ____x____ inch (____x____ mm) in size illustrating finish color, sheen, and texture.
   E. Design and Performance Data: Indicate panel profile and dimensions.
6. QUALITY ASSURANCE
   A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this Section with minimum three years documented experience.
   B. Installer Qualifications: Company specializing in performing the work of this Section with minimum 5 years experience.

7. MOCK-UP
   A. Construct mock-up, 10 feet (10 m) long by [____] feet ([____] m) wide, including panels.
   B. Demonstrate component assembly including panel and glazing materials, weep drainage system, attachments, anchors, and perimeter sealant.
   C. Locate where directed.
   D. Mock-up may remain as part of the Work.
8. DELIVERY, STORAGE, AND HANDLING
   A. Protect panels from accelerated weathering by removing or venting sheet plastic shipping wrap.
   B. Store pre-finished material off ground with weather protection to prevent twisting, bending, or abrasion, and to provide ventilation. Slope metal sheets to ensure drainage.
   C. Prevent contact with materials that could cause discoloration or staining.
9. WARRANTY
   A. Correct defective work within a five year period after Date of Substantial Completion for degradation of panel finish, including color fading caused by exposure to weather.
   B. Correct defective work within a five year period after Date of Substantial Completion, including defects in water tightness and integrity of seals for insulated metal wall panels.
   C. Installation Warranty for Building Rainscreen Assembly: Installer of exterior rainscreen assembly (including water-resistive barrier and attachments, framing, and exterior panels) to provide 10-year warranty that includes coverage for defective materials and/or workmanship. This warranty will also clearly include materials, labor, necessary activity to access these areas, and removal of any materials to effect repairs and restore to watertight conditions. www.edacontractors.com/#sle

PART 2 PRODUCTS

1. MANUFACTURERS
   A. Basis of Design: Metl-Span, a Division of NCI Group Inc.: www.metlspan.com..
   B. Kingspan Insulated Panels: www.kingspan.com/#sle.
   C. Substitutions: See Section 01.6000 - Product Requirements.
2. PANEL SYSTEMS
   A. Provide complete metal panel assemblies incorporating trim, copings, fasciae, gutters and downspouts, and miscellaneous flashings. Provide required fasteners, closure strips, and sealants as indicated in manufacturer's written instructions.
   B. Metal Wall Backup Panel System: Factory-assembled, metal wall backup panel system consisting of foamed-insulation-core metal-skinned wall panels and accessories, attached to metal framing with specified clips or rails, serving as combined thermal, air, and moisture barrier and support for brick veneer specified in another section.
      1. Basis of Design: METL-SPAN BW UNIVERSAL SYSTEM
         a. Panel Face: 0.014 inch / 29GA. thick aluminum zinc alloy coated steel sheet: ASTM A792, Class AZ50 coating designation; structural quality with smooth surface.
         b. Panel Face Finish: 0.2 mil thick primer coat on interior and exterior faces.
         c. Panel Core: Foamed-in-place modified polyisocyanurate, closed-cell, CFC & HCHC free, with minimum density of 2.4 lb/cu.ft. and minimum compressive strength of 15 lb/sq.ft.
         d. Panel Vapor Seal: Factory applied non curing butyl.
         e. Panel Configuration: Provide metal wall backup manels configured for masonry veneer, with manufacturer-furnished Hohmann and Barnard Joint Anchors and Surface Mount Anchors in panel joints and attached at panel midpoints.
         f. Panel Width: 32 inches (914 mm).

g. Panel Thickness: 3 inches (76 mm).
   1) Thermal Resistance: R-20.4 (U-0.076)

2. Provide positive drainage to exterior for moisture entering or condensation occurring within panel system.
3. Accommodate tolerances of building structural framing.
4. Accessories:
   a. Sub-girts: Metallic-coated steel sheet, ASTM A 653/A 653M, G90 (Z275) coating designation; structural quality, 0.054-inch/16-gage (1.37-mm) thick.
   b. Panel Attachment Clips: Metallic-coated steel sheet, ASTM A 653/A 653M, G90 (Z275) coating designation, of thickness indicated, configured to serve as attachment points for secondary metal framing where indicated, manufacturer-furnished.
   c. Self-Adhering Flashing Tape recommended by panel manufacturer for application.
   d. Exposed Sealants: Elastomeric silicone sealant, ASTM C 920, as recommended by panel manufacturer.
   e. Fasteners: Corrosion-resistant, self-tapping and self-drilling screws, bolts, nuts, and other fasteners as recommended by panel manufacturer for application. Size fasteners to prevent penetration of interior panel facing where required

C. Foamed-Insulation-Core Concealed Fastener Metal Wall Panel System: Structural metal panels consisting of a flush, embossed, exterior metal sheet and interior metal sheet with a light mesa profile; with factory foamed-in-place polyurethane core in thermally separated profile; with tongue and groove panel edges, attached to supports using conceald fasteners.
1. Basis of Design: METL-SPAN CF ARCHITECTURAL SYSTEM
   a. Panel Exterior Face: 0.025 inch / 22GA. thick aluminum zinc alloy coated steel sheet: ASTM A792, Class AZ50 coating designation; structural quality with embossed surface.
   b. Panel Interior Face: 0.025 inch / 24GA. thick aluminum zinc alloy coated steel sheet: ASTM A792, Class AZ50 coating designation; structural quality with embossed light mesa profile.
   c. Panel Exterior Face Finish: Fluoropolymer two-coat system 70% PVDF.
      1) Color: As selected by Architect from manufacturer's color selections.
   d. Panel Interior Face Finish: Polyester two-coat system
      1) Color: As selected by Architect from manufacturer's color selections.
   e. Panel Core: Foamed-in-place modified polyurethane, closed-cell, CFC & HCHC free, with minimum density of 2.4 lb/cu.ft. and minimum compressive strength of 15 lb/sq.ft.
      1) Closed Cell Content: 90% or more per ASTM D 6226.
      2) Compressive Strength: As required to meet structural performance requirements and with a minimum 22psi per ASTM D1621.
      3) Shear Strength: As required to meet structural performance requirements and with a minimum 36psi per ASTM C273.
      4) Tensile Strength: As required to meet structural performance requirements and with a minimum 41psi per ASTM D1623.
      5) Minimum Density: 2.0pcf per ASTM D1622.
   f. Panel Vapor Seal: Factory applied non curing butyl.
   g. Panel Width: 36 inches (1067 mm).
   h. Panel Thickness: 2-1/2 inches (64 mm).
2. Provide positive drainage to exterior for moisture entering or condensation occurring within panel system.
3. Accommodate tolerances of building structural framing.

4. Accessories:
   a. Flashing and Trim: Match material, thickness, and finish of metal panels.
   b. Panel Clips: ASTM A 653/A 653M, G90 (Z180) hot-dip galvanized zinc coating, one-piece, configured for concealment in panel joints, and identical to clips utilized in tests demonstrating compliance with performance requirements.
   c. Panel Fasteners: Self-drilling or Self-tapping screws and other acceptable fasteners recommended by metal panel manufacturer. Where exposed fasteners cannot be avoided, supply corrosion-resistant fasteners with heads matching color of metal panels by means of factory-applied coating, with weathertight resilient washers.
   d. Sealants: Provide Tape Mastic Sealants, Non-skinning sealants, and Urethane Sealants in accordance with manufacturers standard.
   e. Gaskets: Manufacturers standard vertical joint EPDM gasket. Color: Black.

D. Foamed-Insulation-Core Standing Seam Metal Roof Panel System: Structural metal panels consisting of an exterior standing seam with an interior tongue and groove joint, coupled with a vapor seal in the standing seam, and provides a superior resistance to air and moisture intrusion. Attached with concealed fasteners to the structure.
1. Basis of Design: METL-SPAN CFR INSULATED METAL ROOF PANEL SYSTEM
   a. Panel Exterior Face: 0.025 inch / 24GA. thick aluminum zinc alloy coated steel sheet: ASTM A792, Grade 50 Class AZ55 coating designation; structural quality with stucco embossed surface.
   b. Panel Interior Face: 0.025 inch / 24GA. thick aluminum zinc alloy coated steel sheet: ASTM A792, Class AZ50 coating designation; structural quality with stucco embossed light mesa profile.
   c. Panel Exterior Face Finish: Fluoropolymer two-coat system 70% PVDF.
      1) Color: As selected by Architect from manufacturer's color selections.
   d. Panel Interior Face Finish: Polyester two-coat system.
      1) Color: As selected by Architect from manufacturer's color selections.
   e. Panel Core: Foamed-in-place modified polyurethane, closed-cell, CFC & HCHC free, with minimum density of 2.4 lb/cu.ft. and minimum compressive strength of 15 lb/sq.ft.
      1) Closed Cell Content: 90% or more per ASTM D 6226.
      2) Compressive Strength: As required to meet structural performance requirements and with a minimum 22psi per ASTM D1621.
      3) Shear Strength: As required to meet structural performance requirements and with a minimum 36psi per ASTM C273.
      4) Tensile Strength: As required to meet structural performance requirements and with a minimum 41psi per ASTM D1623.
      5) Minimum Density: 2.0pcf per ASTM D1622.
   f. Panel Vapor Seal: Factory applied non curing butyl.
   g. Panel Width: 42 inches (1067 mm).
   h. Panel Thicknes: 5 inches (127 mm).
2. Endlaps: Provide panels with factory endlaps, notching, swedging and backer plates where panel lengths permit.
3. Low Eave Treatment: Provide cutback for trim/gutter installation; where panel lengths permit.
4. Accommodate tolerances of building structural framing.
5. Accessories:
   a.

b. Panel Fasteners: Self-tapping screws and other acceptable fasteners recommended by metal panel manufacturer. Provide corrosion-resistant fasteners with heads matching color of metal panels by means of factory-applied coating, with weathertight resilient washers.

c. Roof Accessories:

PART 3 EXECUTION

1. EXAMINATION
   A. Verify that structural framing is ready to receive panel system.
2. INSTALLATION
   A. Install panel system on walls and soffits in accordance with manufacturer's instructions.
   B. Protect panel surfaces in contact with cementitious materials with bituminous paint. Allow to dry prior to installation.
   C. Permanently fasten panel system to structural supports; aligned, level, and plumb, within specified tolerances.
   D. Locate panel joints over supports.
   E. Use concealed fasteners unless otherwise approved by Architect.
   F. Seal and place gaskets to prevent weather penetration. Maintain neat appearance.
   G. Metal Wall Backup Panel System:
      1. Attach backup panels to supports at each panel connection point indicated on approved shop drawings.
      2. Install with drain plane of panel facing weather side of installation.
      3. Fasten insulated metal wall backup panels to building framing with panel attachment system provided by manufacturer utilizing recommended fasteners.
      4. Horizontal Joinery: Working from base to top of metal wall backup panel system installation, engage upper panel over lower panel to form a weather tight joint oriented to allow gravity drainage.
      5. Vertical Joinery:
         a. Install vertical butt joints tight with no gap, set against continuous supports.
         b. Set panel ends in continuous bead of non-curing butyl sealant as indicated in manufacturer's installation details.
         c. Seal butt joints between adjacent panels with a continuous strip of self-adhering flashing at bottom row of panels and where additionally recommended by manufacturer or architect.
   H. Foamed-Insulation-Core Concealed Fastener Metal Wall Panel System:
      1. Install metal panel system in accordance with manufacturer's written instructions, approved shop drawings, and project drawings. Install metal panels in orientation, sizes, and locations indicated. Anchor panels and other components securely in place. Provide for thermal and structural movement.
      2. Fasten metal panels to supports with fasteners at each location indicated on approved shop drawings, at spacing and with fasteners recommended by manufacturer.
      3. Cut panels in field where required using manufacturer's recommended methods.
      4. Provide weatherproof jacks for pipe and conduit penetrating metal panels.
      5. Dissimilar Materials: Where elements of metal panel system will come into contact with dissimilar materials, treat faces and edges in contact with dissimilar materials as recommended by metal panel manufacturer.
      6. Attach panel flashing trim pieces to supports using recommended fasteners and joint sealers

7. Install sealants where indicated and where required for weatherproof performance of metal panel assemblies.
    a. Seal panel base assembly, openings, panel head joints, and perimeter joints using sealants indicated in manufacturer's instructions.
    b. Seal wall panel joints; apply continuously without gaps in accordance with manufacturer's written instructions, approved shop drawings, and project drawing.

I. Foamed-Insulation-Core Standing Seam Metal Roof Panel System:
1. Install metal panel system in accordance with manufacturer's written instructions, approved shop drawings, and project drawings. Install metal panels in orientation, sizes, and locations indicated. Anchor panels and other components securely in place. Provide for thermal and structural movement.
2. Fasten metal panels to supports with fasteners at each location indicated on approved shop drawings, at spacing and with fasteners recommended by manufacturer.
3. Cut panels in field where required using manufacturer's recommended methods.
4. Provide weatherproof jacks for pipe and conduit penetrating metal panels.
5. Dissimilar Materials: Where elements of metal panel system will come into contact with dissimilar materials, treat faces and edges in contact with dissimilar materials as recommended by metal panel manufacturer.
6. Attach panel flashing trim pieces to supports using recommended fasteners and joint sealers.
7. Install tape sealers and liquid sealants where indicated and where required for weatherproof performance of metal panel assemblies.
    a. Seal panel side and perimeter joints using joint sealers indicated in manufacturer's instructions.
    b. Seal roof panel joints utilizing tape sealer and vapor seal bead of non-curing butyl.
    c.

3. TOLERANCES
A. Maximum Offset From True Alignment Between Adjacent Members Butting or In Line: 1/16 inch (1.6 mm).
B. Maximum Variation from Plane or Location Indicated on Drawings: 1/4 inch (6 mm).

4. CLEANING
A. Remove site cuttings from finish surfaces.
B. Remove temporary protective films immediately in accordance with metal panel manufacturer's instructions. Clean and wash prefinished surfaces with mild soap and water; rinse with clean water.
C. Upon completion of installation, thoroughly clean prefinished aluminum surfaces in accordance with AAMA 609 & 610.

END OF SECTION

Signage

PART 1 GENERAL

1. SECTION INCLUDES
   - A. Room and door signs.
   - B. Emergency evacuation maps.
   - C. Building identification signs.
   - D. Internally-illuminated Exterior Signage
   - E. Non-illuminated Exterior Building Signage
   - F. Plaque.
2. REFERENCE STANDARDS
   - A. 36 CFR 1191 - Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities; Architectural Barriers Act (ABA) Accessibility Guidelines current edition.
   - B. ADA Standards - Americans with Disabilities Act (ADA) Standards for Accessible Design 2010.
   - C. ICC A117.1 - Accessible and Usable Buildings and Facilities 2009.
3. SUBMITTALS
   - A. See Section 01.3000 - Administrative Requirements, for submittal procedures.
   - B. Product Data: Manufacturer's printed product literature for each type of sign, indicating sign styles, font, foreground and background colors, locations, overall dimensions of each sign.
   - C. Signage Schedule: Provide information sufficient to completely define each sign for fabrication, including room number, room name, other text to be applied, sign and letter sizes, fonts, and colors.
     1. When room numbers to appear on signs differ from those on drawings, include the drawing room number on schedule.
     2. When content of signs is indicated to be determined later, request such information from Owner through Architect at least 2 months prior to start of fabrication; upon request, submit preliminary schedule.
     3. Submit for approval by Owner through Architect prior to fabrication.
   - D. Samples: Submit two samples of each type of sign, of size similar to that required for project, illustrating sign style, font, and method of attachment.
4. QUALITY ASSURANCE
   - A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years of documented experience.
5. DELIVERY, STORAGE, AND HANDLING
   - A. Package signs as required to prevent damage before installation.
   - B. Package room and door signs in sequential order of installation, labeled by floor or building.
   - C. Store tape adhesive at normal room temperature.
6. FIELD CONDITIONS
   - A. Do not install tape adhesive when ambient temperature is lower than recommended by manufacturer.
   - B. Maintain this minimum temperature during and after installation of signs.

PART 2 PRODUCTS

1. MANUFACTURERS
   - A. Flat Signs:
     1. Mohawk Sign Systems, Inc; [____]: www.mohawksign.com/#sle.
     2. Substitutions: See Section 01.6000 - Product Requirements.
   - B. Dimensional Letter Signs:
     1. Mitchell Signs - www.mitchellsigns.com.

2. Substitutions: See Section 01.6000 - Product Requirements.

C. Plaques:
1. A.R.K. Ramos Architectural Signage Systems; Cast Aluminum Plaque: www.arkramos.com/#sle.
2. Substitutions: See Section 01.6000 - Product Requirements.

D. Internally-Illuminated Logo Signage:
1. Mitchell Signs - www.mitchellsigns.com
2. Munn Enterprises Inc. - munnenterprises.com
3. Substitutions: See Section 01.6000 - Product Requirements

2. SIGNAGE APPLICATIONS

A. Accessibility Compliance: Signs are required to comply with ADA Standards and ICC A117.1 and applicable building codes, unless otherwise indicated; in the event of conflicting requirements, comply with the most comprehensive and specific requirements.

B. Room and Door Signs: Provide a sign for every doorway, whether it has a door or not, not including corridors, lobbies, and similar open areas.
1. Sign Type: Flat signs with engraved panel media as specified.
2. Provide "tactile" signage, with letters raised minimum 1/32 inch (0.8 mm) and Grade II braille.
3. Character Height: See drawings.
4. Sign Height: See draw.
5. Office Doors: Identify with room numbers to be determined later, not the numbers indicated on drawings; in addition, provide "window" section for replaceable occupant name.
6. Conference and Meeting Rooms: Identify with room numbers to be determined later, not the numbers indicated on drawings; in addition, provide "window" section with sliding "In Use/Vacant" indicator.
7. Service Rooms: Identify with room names and numbers to be determined later, not those indicated on drawings.
8. Rest Rooms: Identify with pictograms, the names "MEN" and "WOMEN", room numbers to be determined later, and braille.

C. Emergency Evacuation Maps:
1. Refer to Drawings for quantities and locations.
2. Map content to be provided by Architect.
3. Use clear plastic panel silk-screened on reverse, in brushed aluminum frame, screw-mounted.

D. Building Identification Signs:
1. Use individual metal letters.
2. Mount on outside wall in location indicated on drawings.

E. Other Dimensional Letter Signs: Wall-mounted.
1. Exterior: Allow for 27 letters @ 12 inches tall each
   a. RESTROOMS
   b. WOMEN
   c. MEN
   d. CONCESSION
2. Exterior: Allow for 5 letters @ 36 inches tall each
   a. PRIDE
3. Exterior: Allow for 12 letters @ 42 inches tall each
   a. PEARL PIRATES
4. Interior: Allow for 10 letters @ 14 inches tall each
   a. WE ARE PEARL

3. SIGN TYPES
   A. Flat Signs: Signage media without frame.
      1. Edges: Square.
      2. Corners: Square.
      3. Wall Mounting of One-Sided Signs: Tape adhesive.
   B. Color and Font: Unless otherwise indicated:
      1. Character Font: Helvetica, Arial, or other sans serif font.
      2. Character Case: Upper case only.
      3. Background Color: Clear.
      4. Character Color: Contrasting color.
4. TACTILE SIGNAGE MEDIA
   A. Engraved Panels: Laminated colored plastic; engraved through face to expose core as background color:
      1. Total Thickness: 1/16 inch (1.6 mm).
5. NON-TACTILE SIGNAGE MEDIA
   A. Silk Screened Plastic Panels: Letters and graphics silk screened onto reverse side of plastic surface:
      1. Sign Color: Clear.
      2. Total Thickness: 1/8 inch (3 mm).
6. INTERNALLY-ILLUMINATED LOGO SIGNAGE
   A. Channel Logo Signage:
      1. Clamshell Flat FAce with Vinyl Graphics
      2. Internally-illuminated, Multi-Stroke LED internal lighting
      3. Sizes: See drawings
      4. Overall Sign thickness: 5-1/2 inches.
      5. Prefinished Side Walls
      6. Surface Mounted
      7. Logo to consist of 4 colors. Owner to provide Logo graphic
7. PLAQUES
   A. Metal Plaques:
      1. Metal: Aluminum casting.
      2. Metal Thickness: 1/8 inch (3 mm), minimum.
      3. Size: 18" wide x 24" tall
      4. Text and Typeface:
         a. Character Font: Helvetica, Arial, or other sans serif font.
         b. Character Color: Contrast with background color.
      5. Border Style: Single line.
      6. Background Texture: Sand.
      7. Surface Finish: Brushed, satin.
      8. Painted Background Color: Black.
      9. Protective Coating: Manufacturer's standard clear coating.
      10. Mounting: Blind studs.
8. DIMENSIONAL LETTERS
   A. Metal Letters:
      1. Metal: Aluminum casting.
      2. Metal Thickness: 1/8 inch minimum (3 mm).
      3. Letter Height: as specified
      4. Text and Typeface:

a. Character Font: Helvetica, Arial, or other sans serif font.
b. Character Case: Upper case only.

5. Finish: Powercoat
6. Color: from Standard RAL color chart
7. Mounting: Concealed screws.

9. ACCESSORIES
   A. Concealed Screws: Stainless steel, galvanized steel, chrome plated, or other non-corroding metal.
   B. Exposed Screws: Chrome plated.
   C. Tape Adhesive: Double sided tape, permanent adhesive.

PART 3 EXECUTION

1. EXAMINATION
   A. Verify that substrate surfaces are ready to receive work.
2. INSTALLATION
   A. Install in accordance with manufacturer's instructions.
   B. Install neatly, with horizontal edges level.
   C. Locate signs and mount at heights indicated on drawings and in accordance with ADA Standards and ICC A117.1.
   D. Protect from damage until Substantial Completion; repair or replace damaged items.

END OF SECTION

Addendum No. 2

WIER BOERNER ALLIN ARCHITECTURE,
PEARL HIGH SCHOOL
INDOOR TRAINING
FACILITY
PEARL PUBLIC SCHOOL
DISTRICT

WED 25 SEP 2021

CONSTRUCTION DOCUMENTS
WBA #: 5820

PEARL HIGH SCHOOL INDOOR TRAINING FACILITY

PEARL PUBLIC SCHOOL DISTRICT
500 PIRATES COVE
PEARL, MS 39208

WED 25 SEP 2021

CONSTRUCTION DOCUMENTS
WBA # 5820

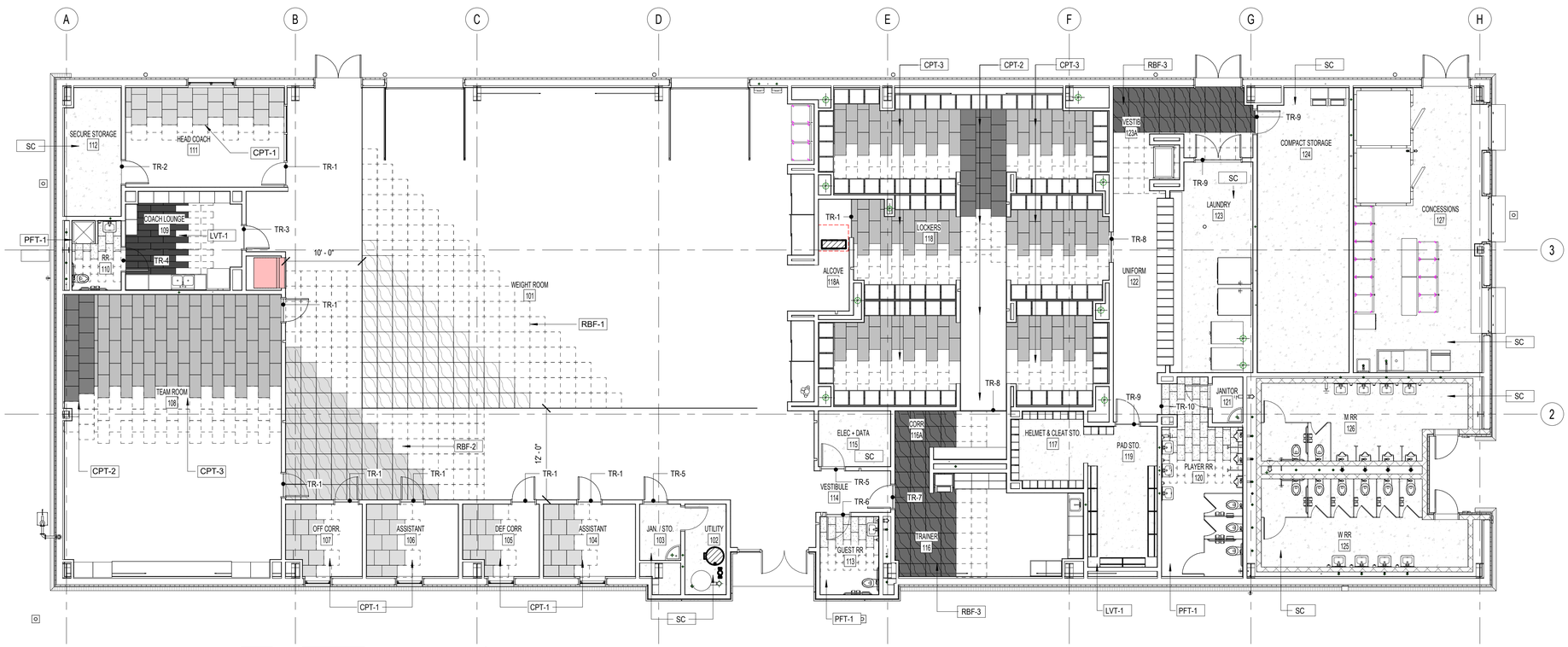
REGISTERED ARCHITECT
JAMES RICHMON
WIER, Jr.
4446
STATE OF MISSISSIPPI

WBA ARCHITECTURE
2727 OLD CANTON ROAD | SUITE 200 | JACKSON, MISSISSIPPI 39216 | P:601.321.9107 | F:601.321.9108 | WWW.WBAARCHITECTURE.COM

WBA ARCHITECTURE

PEARL HIGH SCHOOL INDOOR TRAINING FACILITY

PEARL PUBLIC SCHOOL DISTRICT
500 PIRATES COVE
PEARL, MS 39208



1 FINISH FLOOR PLAN
1/8" = 1'-0"

NORTH

0' 4' 8' 16' 32'

FINISH KEY

- SC
- CPT-1 ASHLAR
- CPT-2 ASHLAR
- CPT-3 ASHLAR
- LVT-1 ASHLAR
- PFT-1
- RBF-1 SQUARE LAY
- RBF-2 SQUARE LAY
- RBF-3 SQUARE LAY

2 SEE A601 FOR FINISH INFORMATION

WED 25 SEP 2021

CONSTRUCTION DOCUMENTS
WBA # 5820

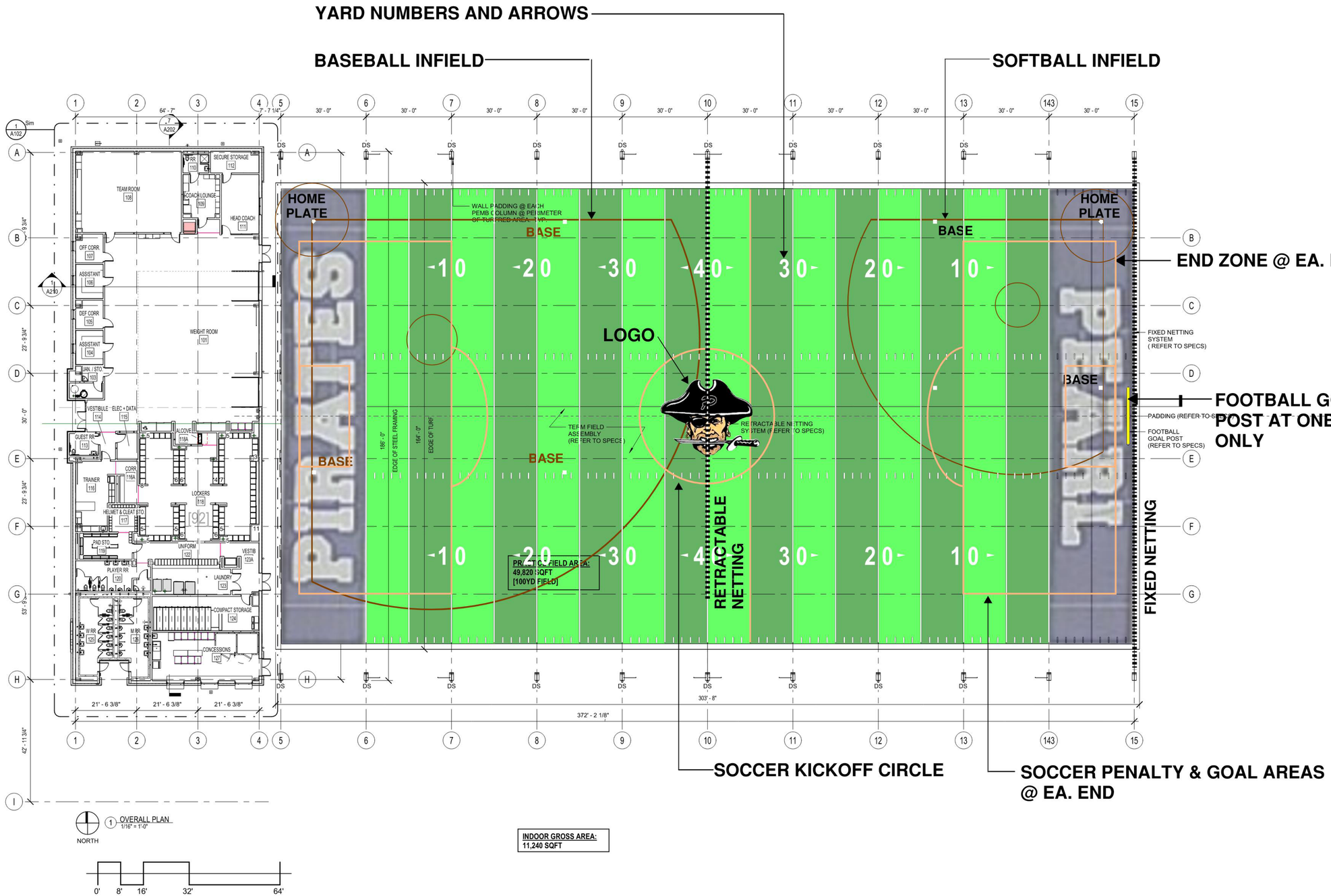
REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 1	09-03-2021
2	ADDENDUM NO. 2	09-10-2021

A106
FINISH FLOOR PLAN

COLORS:

- WHITE
- BLACK
- VEGAS GOLD
- LIME GREEN
- FIELD GREEN
- GREY
- NAVY
- BROWN
- RED CLAY



ALL LAYOUT DIMENSIONS SHALL CONFORM WITH NFHS STANDARDS FOR EACH SPORT TYPICAL.

WBA ARCHITECTURE

PEARL HIGH SCHOOL INDOOR TRAINING FACILITY

PEARL PUBLIC SCHOOL DISTRICT
500 PIRATES COVE
PEARL, MS 39208

REGISTERED ARCHITECT JAMES RICHMOND WIER, Jr. 4946 STATE OF MISSISSIPPI

WED 25 SEP 2021

CONSTRUCTION DOCUMENTS
WBA # 5820

REVISIONS

NO.	DESCRIPTION	DATE
2	ADDENDUM NO. 2	09-10-2021

A107
TURF COLOR DIAGRAM

GENERAL ASSEMBLY NOTES:
1. SEE SPECIFICATIONS FOR MORE DETAILED REQUIREMENTS OF EA. ASSEMBLY ITEM, TYP.
2. COORD. FRAMING W/ STRUCT. DWGS.
3. COORD. SHEATHING W/ STRUCT. DWGS. TAPE ALL JOINTS & SEAL ALL PENETRATIONS.
4. COORD. MASONRY REINFORCING W/ STRUCT. DWGS.
5. SEE FINISH SCHED. FOR INTERIOR FINISH MATERIALS

ROOF ASSEMBLIES:

TYP. INSUL. METAL ROOF PANEL ASSEMBLY:
- CFR INSULATED METAL ROOF PANEL SYSTEM
- PURLIN (BY PEMD MANUF.)

WALLS ASSEMBLIES:

TYP. MASONRY VENEER ON PRE-ENGINEERED METAL BUILDING WALL ASSEMBLY
- MASONRY VENEER ANCHORED TO INSUL. METAL PANEL w/TIES @24" O.C. HORIZ. MAX. AND 16" O.C. VERT. MAX.
- AIR SPACE
- INSULATED METAL PANEL BACKUP WALL SYSTEM
- METAL BUILDING GIRTS
- 2.5" COLD FORMED METAL FRAMING — 1
- 5/8" GYPSUM BOARD
- OTHER INTERIOR FINISHES AS NOTED IN SCHEDULE

TYP. MASONRY VENEER ON CMU WALL ASSEMBLY
- MASONRY VENEER ANCHORED TO INSUL. METAL PANEL w/TIES @24" O.C. HORIZ. MAX. AND 16" O.C. VERT. MAX.
- AIR SPACE
- INSULATED METAL PANEL BACKUP WALL SYSTEM
- 7/8" METAL FURRING CHANNEL
- CMU MASONRY WALL w/HORIZ. REINFORCEMENT 16" O.C. VERT. MAX.
- PAINTED CMU INTERIOR AS PER SCHEDULE

TYP. INSUL. METAL PANEL ON PRE-ENGINEERED METAL BUILDING ASSEMBLY
- CF ARCHITECTURAL VERTICAL INSUL. METAL WALL PANEL
- METAL GIRTS - PROVIDED BY METAL BLDG. MANUF.
- 2.5" COLD FORMED METAL FRAMING — 1
- 5/8" GYPSUM BOARD
- OTHER INTERIOR FINISHES AS NOTED IN SCHEDULE

TYP. INSUL. METAL PANEL PARAPET ASSEMBLY
- CF ARCHITECTURAL VERTICAL INSUL. METAL WALL PANEL
- METAL GIRTS - PROVIDED BY METAL BLDG. MANUF.
- CONT. 1/2" PLYWOOD SHEATHING
- CONT. WEATHER BARRIER — 1
- METAL PARAPET LINER PANEL

TYP. INSUL. METAL PANEL ON CMU WALL ASSEMBLY
- CF ARCHITECTURAL VERTICAL INSUL. METAL WALL PANEL
- METAL FURRING CHANNEL
- CMU MASONRY WALL w/HORIZ. REINFORCEMENT 16" O.C. VERT. MAX.
- PAINTED CMU INTERIOR AS PER SCHEDULE

TYP. ACM PANEL ON CFSF WALL ASSEMBLY
- ACM WALL PANEL
- 2" CONT. GALVANIZED CHANNELS BTWN. RIGID INSUL.
- 2" CONT. RIGID INSULATION
- CONT. PLYWOOD SHEATHING
- WATERPROOFING
- 6" COLD FORMED MTL FRAMING FILLED W/CONT. BATT. INSUL.
- 5/8" GYPSUM BOARD
- OTHER INTERIOR FINISHES AS NOTED IN SCHEDULE

FOUNDATION ASSEMBLIES:

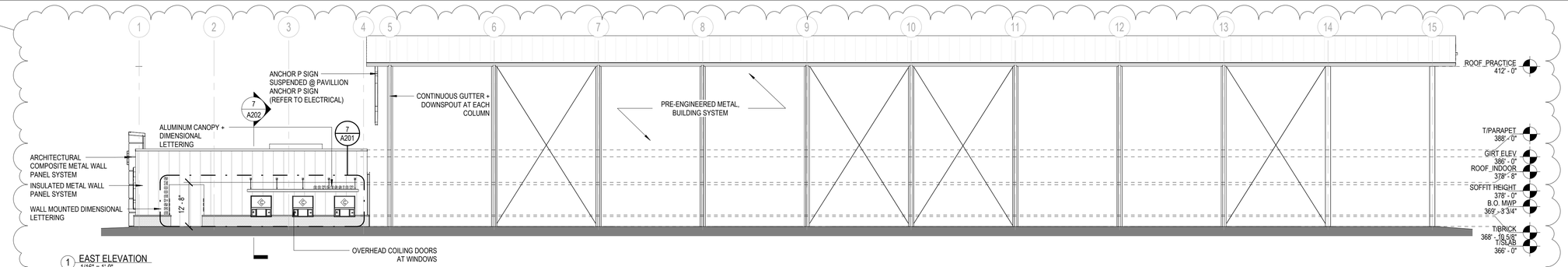
TYP. SLAB-ON-GRADE ASSEMBLY
- CONCRETE FOUNDATION SYSTEM (SEE STRUCT.)
- CONT. UNDER SLAB VAPOR BARRIER
- GRAVEL FILL (SEE STRUCT. & CONFIRM W/ GEO-TECH.)
- COMPACTED SUBGRADE

BASIS OF DESIGN NOTES

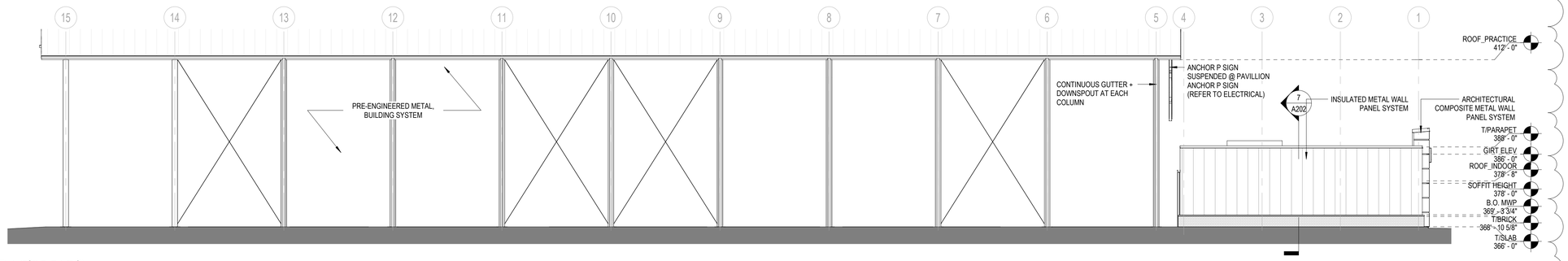
INSULATED METAL WALL PANEL SYSTEM:
CENTRIA VERSAWALL

ARCHITECTURAL COMPOSITE METAL WALL PANEL:
EVO+ ZERO RIVET SYSTEM

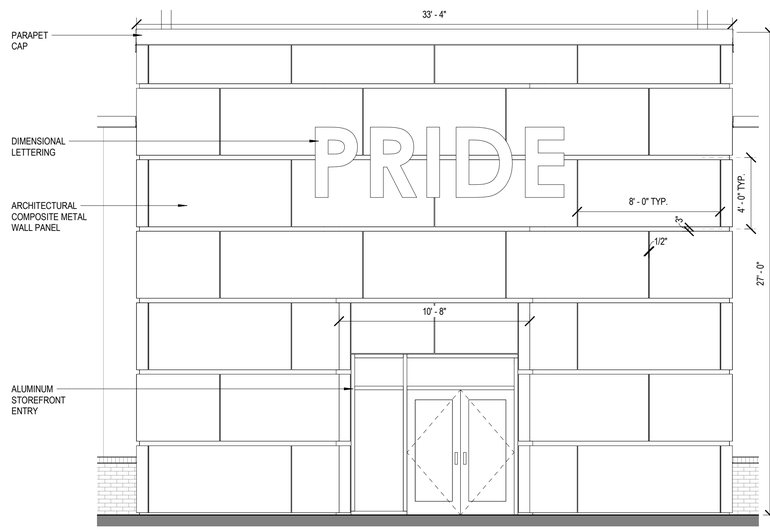
ALUMINUM FRAMED STOREFRONT:
EFCO 403(T)



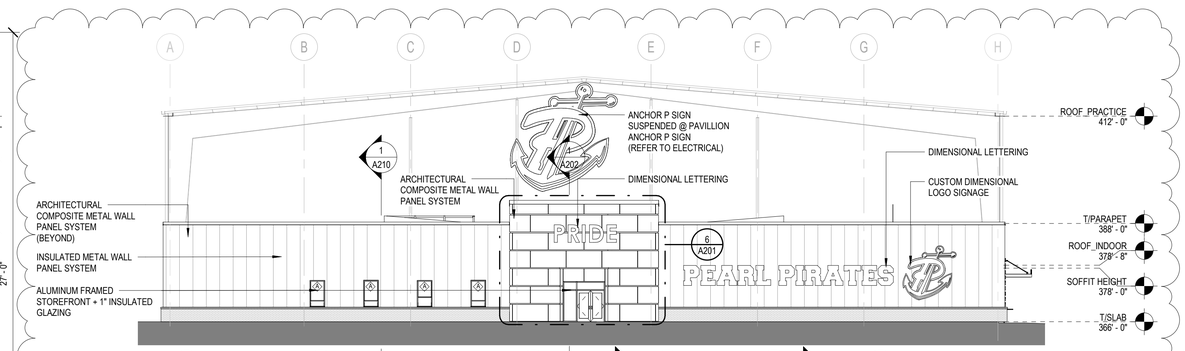
1 EAST ELEVATION
1/16" = 1'-0"



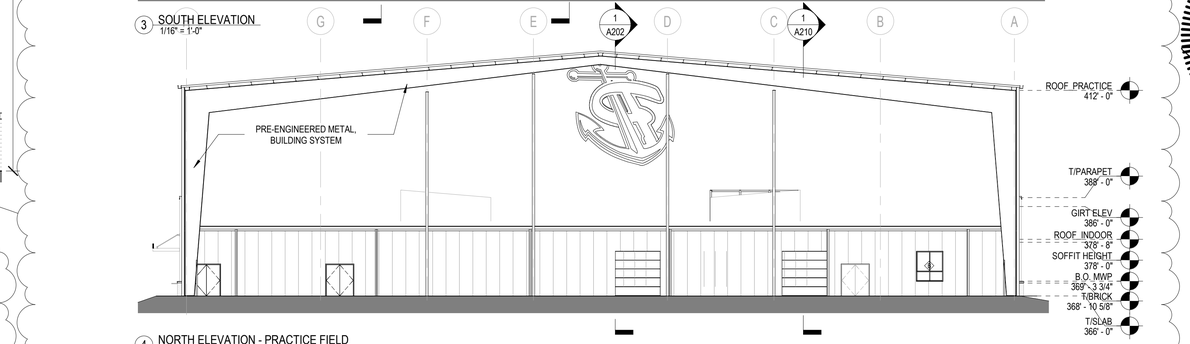
2 WEST ELEVATION
1/16" = 1'-0"



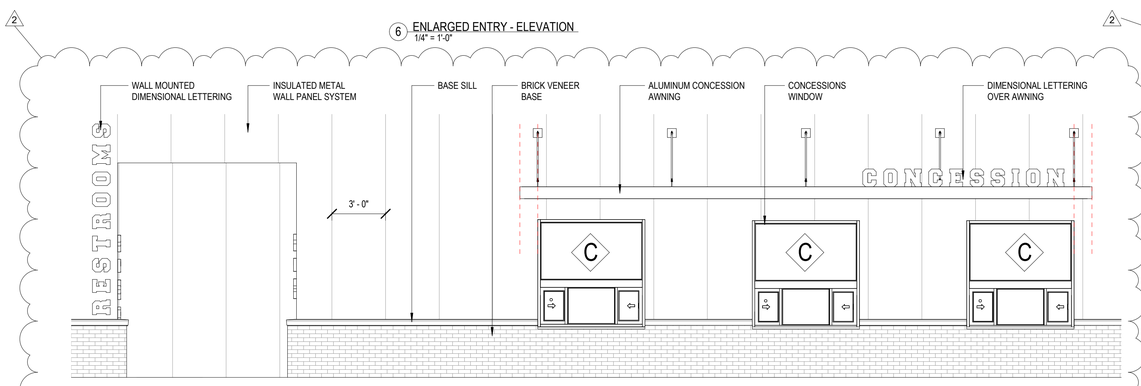
6 ENLARGED ENTRY - ELEVATION
1/4" = 1'-0"



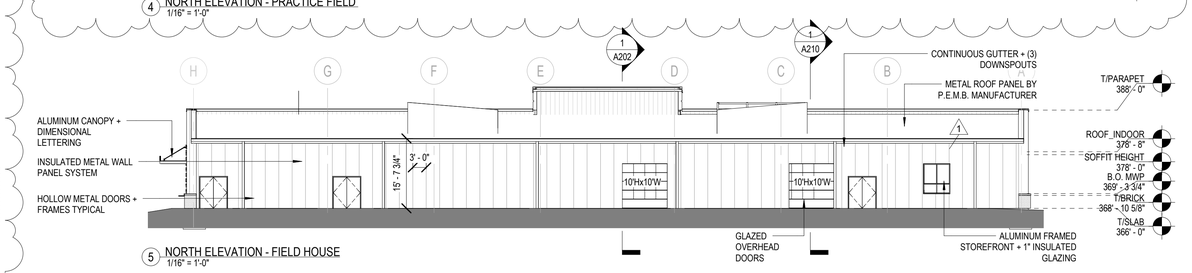
3 SOUTH ELEVATION
1/16" = 1'-0"



4 NORTH ELEVATION - PRACTICE FIELD
1/16" = 1'-0"



7 RESTROOMS AND CONCESSION - ELEVATION
1/4" = 1'-0"



5 NORTH ELEVATION - FIELD HOUSE
1/16" = 1'-0"

WBA ARCHITECTURE

PEARL HIGH SCHOOL INDOOR TRAINING FACILITY

PEARL PUBLIC SCHOOL DISTRICT
500 PIRATES COVE
PEARL, MS 39208

REGISTERED ARCHITECT
JAMES RICHMON WIER, Jr.
4446
STATE OF MISSISSIPPI

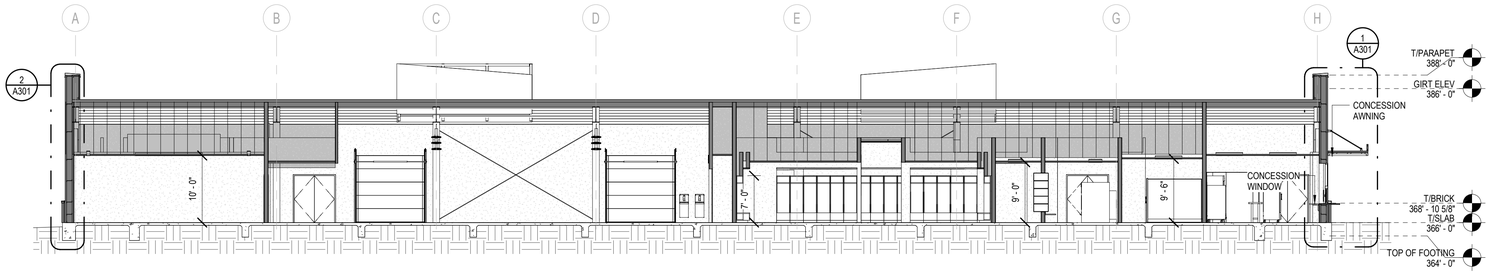
WED 25 SEP 2021

CONSTRUCTION DOCUMENTS
WBA # 5820

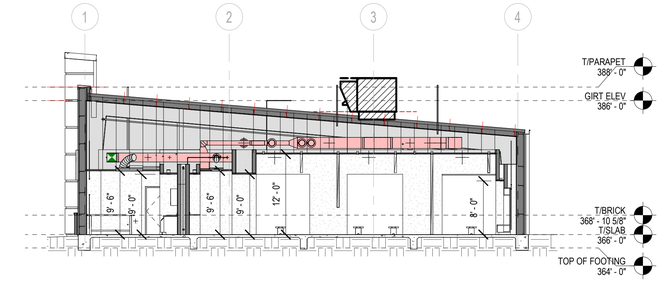
REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 1	09-03-2021
2	ADDENDUM NO. 2	09-10-2021

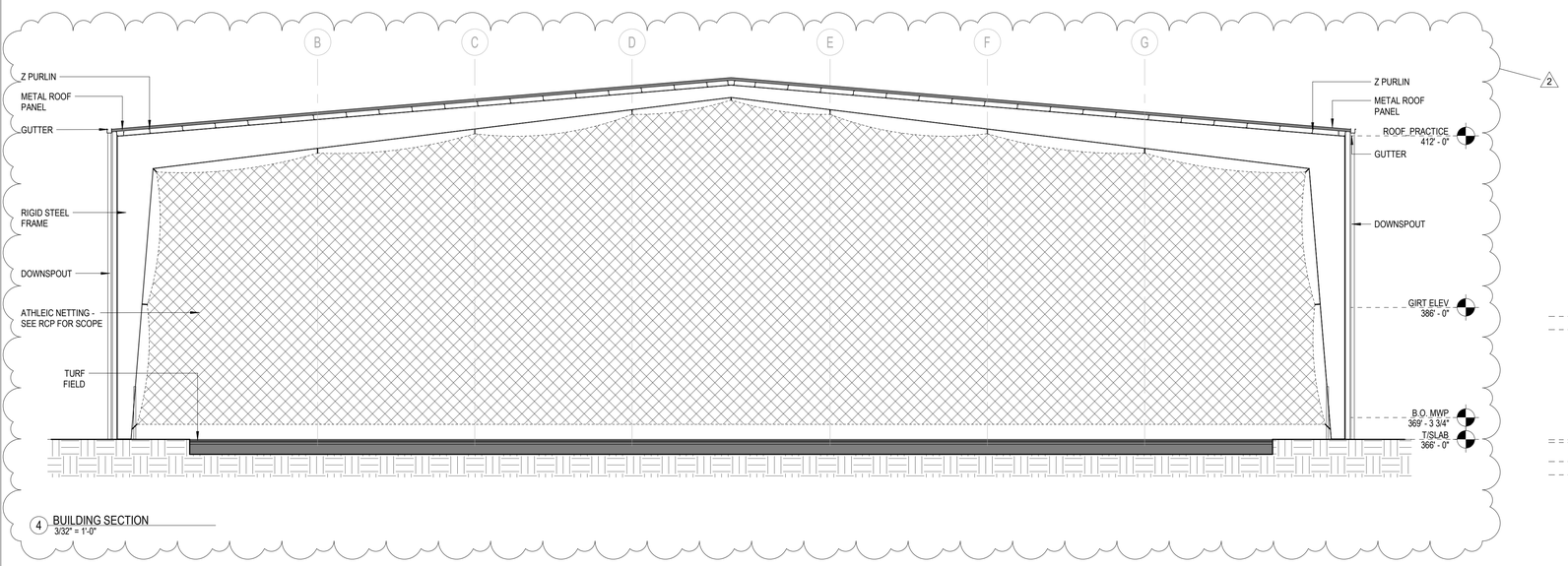
A201
EXTERIOR ELEVATIONS



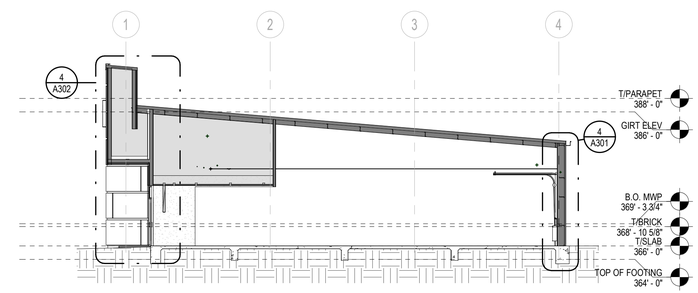
7 BUILDING SECTION
3/32" = 1'-0"



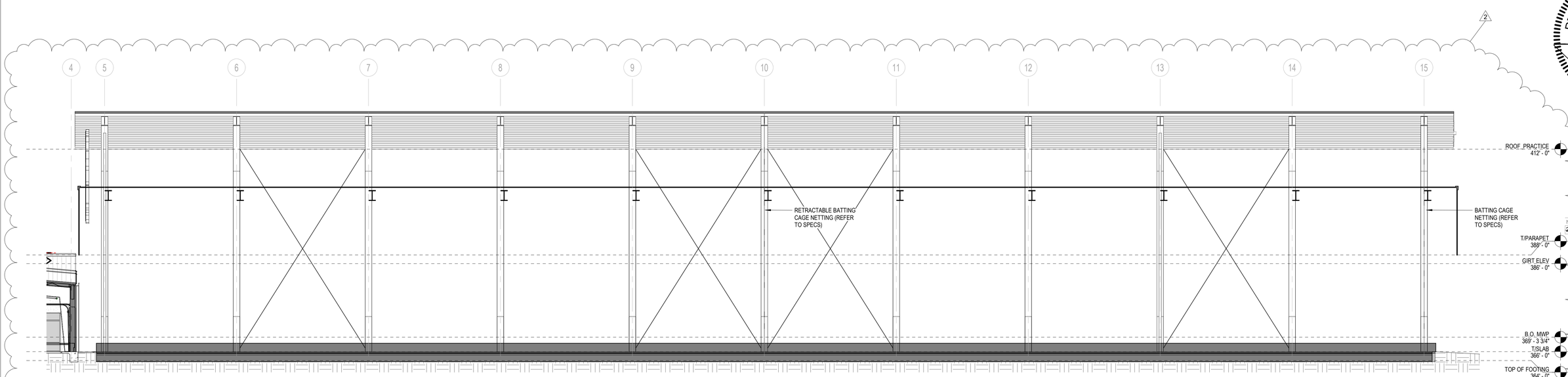
6 BUILDING SECTION
3/32" = 1'-0"



4 BUILDING SECTION
3/32" = 1'-0"



5 WEIGHT ROOM SECTION
3/32" = 1'-0"



1 BUILDING SECTION
3/32" = 1'-0"

WBA ARCHITECTURE

PEARL HIGH SCHOOL INDOOR TRAINING FACILITY

PEARL PUBLIC SCHOOL DISTRICT
500 PIRATES COVE
PEARL, MS 39208

BASIS OF DESIGN NOTES

INSULATED METAL WALL PANEL SYSTEM:
CENTRIA VERSAWALL

ARCHITECTURAL COMPOSITE METAL WALL PANEL:
EVO+ ZERO RIVET SYSTEM

ALUMINUM FRAMED STOREFRONT:
EFCO 403(T)

REGISTERED ARCHITECT
JAMES RICHMOND WIER, Jr.
4446
STATE OF MISSISSIPPI

WED 25 SEP 2021

CONSTRUCTION DOCUMENTS
WBA # 5820

REVISIONS

NO.	DESCRIPTION	DATE
2	ADDENDUM NO. 2	09-10-2021

A202
BUILDING SECTIONS

WBA ARCHITECTURE

PEARL HIGH SCHOOL INDOOR TRAINING FACILITY

PEARL PUBLIC SCHOOL DISTRICT
500 PIRATES COVE
PEARL, MS 39208

FINISH LEGEND

CATEGORY	FINISH CODE	TYPE	MANUF.	NAME	COLOR	SIZE	INSTALLATION METHOD	MATERIAL PRICING	COMMENTS
CEILING FINISH	ACT-1	ACOUS. CLG. - GENERIC	ARMSTRONG	ULTIMA BEVELED TEGULAR 9/16	WHITE/FINE	24" X 24"			
CEILING FINISH	EXP	EXPOSED CEILING STRUCTURE, PTD.	TBD			TBD			
CEILING FINISH	GYP	GYPSUM WALLBOARD CEILING, PAINTED	TBD			TBD			
COUNTERTOP	PLAM-1	COUNTERTOP, PLASTIC LAMINATE - COLOR 1	WILSONART	STANDARD LAMINATE	CRISP LINEN 4942-38	TBD			
COUNTERTOP	SST-1	COUNTERTOP, STAINLESS STEEL	TBD			TBD			
FLOOR FINISH	CPT-1	CARPET - STYLE 1	J+J FLOORING	KINETEX - NETWORK	FIREWALL 2852	24" X 24"	ASHLAR	$3.00/SF	
FLOOR FINISH	CPT-2	CARPET - STYLE 2	J+J FLOORING	KINETEX - NETWORK	FABRIC 2917	24" X 24"	ASHLAR	$3.00/SF	
FLOOR FINISH	CPT-3	CARPET - STYLE 3	J+J FLOORING	KINETEX - Z FACTOR	STATISTIC 2861	18" X 36"	ASHLAR	$3.00/SF	
FLOOR FINISH	LVT-1	LUXURY VINYL TILE	INTERFACE	DRAWN LINES	A00908 SILVER	9.845" X 39.38"	ASHLAR	$3.00/SF	
FLOOR FINISH	PFT-1	PORCELAIN FLOOR TILE - FIELD TILE	DALTILE	VOLUME 1.0 COVE BASE	STEREO GREY VL73	12" X 24" X 5/16"	VERTICAL RUNNING BOND. 33% OFFSET	$2.90/SF	GROUT: LATICRETE 60 DUSTY GREY
FLOOR FINISH	RBF-1	RUBBER FLOORING, STYLE 1	TARKETT	TRIUMPH	MICROTONE RAINSTORM	24" X 24" 9.53MM THICK	SQUARE LAY	$11.50/SF	
FLOOR FINISH	RBF-2	RUBBER FLOORING, STYLE 2	TARKETT	TRIUMPH	MICROTONE MARINO	24" X 24" 9.53MM THICK	SQUARE LAY	$11.50/SF	
FLOOR FINISH	RBF-3	RUBBER FLOORING, STYLE 3	TARKETT	INERTIA	MICROTONE RAINSTORM	24" X 24" 6.35MM THICK	SQUARE LAY	$8.25/SF	
FLOOR FINISH	SC	SEALED CONCRETE	TBD			TBD			
FLOOR TRANSITION	TR-1	RBF-1 OR RBF-2 TO CPT	-	RESILIENT TRANSITION	TBD	TBD			
FLOOR TRANSITION	TR-2	CPT TO SC	-	RESILIENT REDUCER	TBD	TBD			
FLOOR TRANSITION	TR-3	RBF-2 TO LVT-1	-	RESILIENT TRANSITION	TBD	TBD			
FLOOR TRANSITION	TR-4	LVT-1 TO PFT-1	SCHLUTER SYSTEMS	STAINLESS STEEL	TBD	TBD			
FLOOR TRANSITION	TR-5	RBF-2 TO SC	-	RESILIENT REDUCER	TBD	TBD			
FLOOR TRANSITION	TR-6	RBF-2 TO PFT-1	SCHLUTER SYSTEMS	STAINLESS STEEL	TBD	TBD			
FLOOR TRANSITION	TR-7	RBF-2 TO RBF-3	-	RESILIENT TRANSITION	TBD	TBD			
FLOOR TRANSITION	TR-8	RBF-3 TO CPT	-	RESILIENT TRANSITION	TBD	TBD			
FLOOR TRANSITION	TR-9	RBF-3 TO SC	-	RESILIENT REDUCER	TBD	TBD			
FLOOR TRANSITION	TR-10	RBF-3 TO PFT-1	SCHLUTER SYSTEMS	STAINLESS STEEL	TBD	TBD			
MILLWORK	PLAM-1	MILLWORK, PLASTIC LAMINATE - COLOR 1	FORMICA	NATURAL GRAIN	BEIGE ELM	TBD			
MILLWORK	PLAM-2	MILLWORK, PLASTIC LAMINATE - COLOR 2	WILSONART	STANDARD LAMINATE	DOVE GREY D92-60	TBD			
MILLWORK	WD-1	MILLWORK, WHITE OAK, STAINED	-	-	-	TBD			
WALL BASE	PWB-1	PORCELAIN WALL BASE, STYLE 1	DALTILE	VOLUME 1.0 COVE BASE	STEREO GREY VL73	6" X 12"		$7.22/PIECE	
WALL BASE	RB-1	RUBBER BASE, COLOR 1	JOHNSONITE	THERMOPLASTIC (DURACOVE) SERIES	DOCKSIDE WG 199	4"		$1.25/ LINEAR FT	
WALL BASE	WB-1	WOOD BASE, PAINTED COLOR 1 (WHITE)	TBD			TBD			
WALL FINISH	CWT-1	CERAMIC WALL TILE - STYLE 1	ANATOLIA	SOHO	CEMENT CHIC, GLOSSY	3" X 6"	HORIZTONAL STACK BOND	$2.42/SF	GROUT: LATICRETE 60 DUSTY GREY

FINISH LEGEND

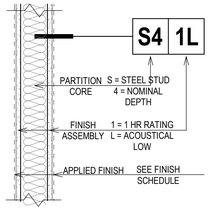
CATEGORY	FINISH CODE	TYPE	MANUF.	NAME	COLOR	SIZE	INSTALLATION METHOD	MATERIAL PRICING	COMMENTS
WALL FINISH	CWT-2	CERAMIC WALL TILE - STYLE 2	DALTILE	COLOR WHEEL COLLECTION-CLASSIC	GALAXY 1469	3" X 6"	HORIZTONAL STACK BOND	$4.03/SF	GROUT: LATICRETE 60 DUSTY GREY
WALL FINISH	FRP	FIBER REINFORCED PANELING	TBD		TO BE SELECTED FROM MANUFACTURERS FULL RANGE	TBD			
WALL FINISH	P-1	WALL PAINT - MAIN WALL COLOR	SHERWIN WILLIAMS		SW 7004 SNOWBOUND	TBD			
WALL FINISH	P-2	WALL PAINT - ACCENT COLOR	SHERWIN WILLIAMS		SW 7658 GRAY CLOUDS	TBD			
WALL FINISH	P-3	WALL PAINT - ACCENT COLOR	SHERWIN WILLIAMS		SW 9177 SALTY DOG	TBD			
WALL FINISH	PWT-1	PORCELAIN WALL TILE	DALTILE	VOLUME 1.0	SONIC WHITE VL75	12" X 24"	VERTICAL RUNNING BOND. 33% OFFSET	$2.90/SF	GROUT: LATICRETE 60 DUSTY GREY
WALL FINISH	WG-1	WALL GRAPHIC - STYLE 1	TBD	-	N/A	TBD	-		
WALL FINISH	WG-2	WALL GRAPHIC - STYLE 2	TBD	-	N/A	TBD	-		
WALL FINISH	WG-3	WALL GRAPHIC - STYLE 3	TBD	-	N/A	TBD	-		
WALL FINISH	WG-4	WALL GRAPHIC - STYLE 4	TBD	-	N/A	TBD	-		
WALL FINISH	WG-5	WALL GRAPHIC - STYLE 5	TBD	-	N/A	TBD	-		

FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR FIN.	BASE	Wall Finish Up	Wall Finish Down	Wall Finish Left	Wall Finish Right	CEILING FIN.	MILLWORK	COUNTER TOP	COMMENTS
101	WEIGHT ROOM	RBF-1, RBF-2	RB-1	P-2	P-2,P-3, WG-2	P-2, P-3	P-2, WG-3	EXP., ACT-1, GYP	WD-1		
102	UTILITY	SC	RB-1	P-1	P-1	P-1	P-1	ACT-1			
103	JAN. / STO.	SC	RB-1	P-1	P-1	P-1	P-1	ACT-1			
104	ASSISTANT	CPT-1	RB-1	P-1	P-1	P-1	P-1	ACT-1	DESK, PLAM-1		
105	DEF CORR	CPT-1	RB-1	P-1	P-1	P-1	P-1	ACT-1			
106	ASSISTANT	CPT-1	RB-1	P-1	P-1	P-1	P-1	ACT-1	DESK, PLAM-1		
107	OFF CORR.	CPT-1	RB-1	P-1	P-1	P-1	P-1	ACT-1			
108	TEAM ROOM	CPT-2/CPT-3	RB-1	WG-1	P-2, P-3	P-1	P-1	ACT-1, GYP	WD-1		EXPOSED STRUCTURE PTD. P-3
109	COACH LOUNGE	LVT-1	RB-1	P-3	P-3, CWT-1	P-1	P-1	ACT-1	PLAM-2	PLAM-1	
110	RR	PFT-1	PWB-1	PWT-1, P-1	PWT-1	PWT-1	P-1	GYP			
111	HEAD COACH	CPT-1	RB-1	P-1	P-1	P-1	P-1	ACT-1			
112	SECURE STORAGE	SC	RB-1	P-1	P-1	P-1	P-1	EXP			
113	GUEST RR	PFT-1	PWB-1	P-1	PWT-1	PWT-1	PWT-1	ACT-1			
114	VESTIBULE	RBF-3	RB-1	P-2	P-2	P-2	P-2	ACT-1			
115	ELEC + DATA	SC	RB-1	P-1	P-1	P-1	P-1	ACT-1			
116	TRAINER	RBF-3	RB-1	P-1	WG-4	P-1	P-1, CWT-2	ACT-1	PLAM-1, PLAM-2	PLAM-1	
116A	CORR	RBF-3	RB-1	P-1	WG-5	P-1	WG-5	ACT-1	PLAM-1		
117	HELMET & CLEAT STO.	SC	RB-1	P-1	P-1	P-1	P-1	ACT-1			
118	LOCKERS	CPT-2/CPT-3	RB-1	P-1,P-3	P-1, P-3	P-1	P-1	ACT-1, GYP			
118A	ALCOVE	RBF-1	RB-1	WG-5	P-1	WG-5	P-1	GYP			
119	PAD STO.	SC	RB-1	P-1	P-1	P-1	P-1	ACT-1			
120	PLAYER RR	PFT-1	PWB-1	PWT-1, P-2	PWT-1	PWT-1, CWT-2	PWT-1	ACT-1			
121	JANITOR	SC	RB-1	P-1	P-1	P-1	P-1	ACT-1			
122	UNIFORM	RBF-3	RB-1	P-2	P-2	P-2	P-2, P-3	ACT-1, GYP			
123	LAUNDRY	SC	RB-1	P-2	P-2	P-2	P-2	ACT-1			
123A	VESTIB	RBF-3	RB-1	P-2	P-2	P-2	P-2	ACT-1			
124	COMPACT STORAGE	SC	RB-1	P-1	P-1	P-1	P-1	ACT-1			
125	W RR	SC	RB-1	EPOXY PTD. CMU, P-2	EPOXY PTD. CMU, P-2	EPOXY PTD. CMU, P-2	EPOXY PTD. CMU, P-2	ACT-1			
126	M RR	SC	RB-1	EPOXY PTD. CMU, P-2	EPOXY PTD. CMU, P-2	EPOXY PTD. CMU, P-2	EPOXY PTD. CMU, P-2	ACT-1			
127	CONCESSIONS	SC	RB-1	FRP	FRP	FRP	FRP	ACT-1			

2 SEE A106 PLAN FOR ORIENTATION OF WALL FINISHES LISTED IN SCHEDULE ABOVE

PARTITION SCHEDULE



NOTE:
SEE FINISH SCHEDULE & INTERIOR ELEVATIONS FOR TYPES & EXTENTS OF APPLIED FINISHES .

FIRE RATED CRITERIA

N = NON-RATED | **S** = SMOKE PARTITION | **1** = 1 HR RATED | **2** = 2 HR RATED

ADDITIONAL PERFORMANCE CRITERIA

F = FURRED OUT | **L** = ACOUSTICAL LOW | **H** = ACOUSTICAL HIGH

PARITION CORE: CORE MAT.	NOM. WIDTH	FINISH ASSEMBLY: N = NON-RATED	S = SMOKE PARTITION	1 = 1 HR RATED	2 = 2 HR RATED	F = FURRED OUT	L = ACOUSTICAL LOW		H = ACOUSTICAL HIGH	
		EXTEND FIN. 6" ABV. CLG., OR TO UNDERSIDE OF DECK WHERE NO CLG. IS PRESENT OR EXPOSED TO VIEW.	EXTEND FULL ASSEMBLY TO UNDERSIDE OF DECK & SEAL SEAMS, PENETRATIONS, & TRANSITIONS AS REQ'D. BY CODE & INDICATED UL ASY.			ADD THE FOLLOWING TO THE FIN. ASY.	EXTEND FIN. ASY. TO UNDERSIDE OF DECK, & ADD THE FOLLOWING TO THE FIN. ASY.			
C = C.I.P. CONC.	**6** = 6" C.I.P.	N/A	N/A	N/A	N/A	ADD 5/8" GYP. BD. 1 SIDE ON 7/8" MTL. FURRING	N/A		N/A	
SEE STRUCT. DWGS. FOR DTL'D. REQ.	**8** = 8" C.I.P.	N/A	N/A	N/A	N/A		N/A		N/A	
M = CMU (CONC. MAS. UNITS)	**4** = 4" CMU	N/A	N/A	N/A	N/A	ADD 5/8" GYP. BD. 1 SIDE ON 7/8" MTL. FURRING	N/A		N/A	
SEE STRUCT. DWGS. FOR DTL'D. REQ.	**6** = 6" CMU	N/A	N/A	UL ASSEMBLY U906			ADD GROUT TO CELLS	STC 51	N/A	
	8 = 8" CMU	N/A	N/A					STC 55	N/A	
S = STEEL STUD FRAMING	**0 = 7/8" FURRING**	5/8" GYP. BD. 1 SIDE ONLY		N/A	N/A	N/A	N/A		N/A	
FRAMING EXTENDS TO UNDERSIDE OF DECK U.N.O.	**1 = 1 1/2" STUD**			N/A	N/A	N/A	N/A		N/A	
	2 = 2 1/2" STUD			5/8" GYP. BD. EA. SIDE UL ASY. U419	2 LAYERS OF 5/8" GYP. BD. EA. SIDE UL ASY. U419	N/A	ADD ACOUS. BATT IN FRAMING	STC 45-48	ADD 2ND GYP. BD. LAYER 1 SIDE, 1/2" RC. ON OPP. SIDE, ACCOUS. BATT IN FRAMING	STC 50-56
	4 = 3 5/8" STUD	5/8" GYP. BD. EA. SIDE				N/A		STC 49-52		STC 54-59
	6 = 6" STUD					N/A		STC 51-54		STC 56-61
W = WOOD STUD FRAMING	**0 = 1/2" FURRING**	5/8" GYP. BD. 1 SIDE ONLY		N/A	N/A	N/A	N/A		N/A	
FRAMING EXTENDS TO UNDERSIDE OF DECK U.N.O.	**4 = 3 1/2" STUD**	5/8" GYP. BD. EA. SIDE		5/8" GYP. BD. EA. SIDE UL ASY. U305	2 LAYERS 5/8" GYP. BD. EA. SIDE, 1/2" RC. 1 SIDE UL ASSEMBLY U334	N/A	ADD ACOUS. BATT IN FRAMING	STC 39-52	N/A	
	6 = 5 1/2" STUD					N/A		STC 39-52		
X = SPECIAL CONSTRUCTION	**2 = 2 1/2" C-H STUD SHAFT WALL**	N/A	N/A	5/8" GYP. BD. 1 SIDE, 1" GYP. BD. LINER PANEL FRICTION FIT UL ASY. U415 A	2 LAYERS 5/8" GYP. BD. 1 SIDE, 1" GYP. BD. LINER PANEL FRICTION FIT UL ASY. U415 B	N/A	ADD ACOUS. BATT IN FRAMING	STC 45-48	ADD 1/2" RC. 1 SIDE, ACOUS. BATT IN FRAMING	N/A
	4 = 4" C-H STUD SHAFT WALL	N/A	N/A			N/A		STC 47-50		N/A
	6 = 6" C-H STUD SHAFT WALL	N/A	N/A			N/A		STC 49-52		N/A

REGISTERED ARCHITECT
JAMES RICHMOND WIER, Jr.
#4446
STATE OF MISSISSIPPI

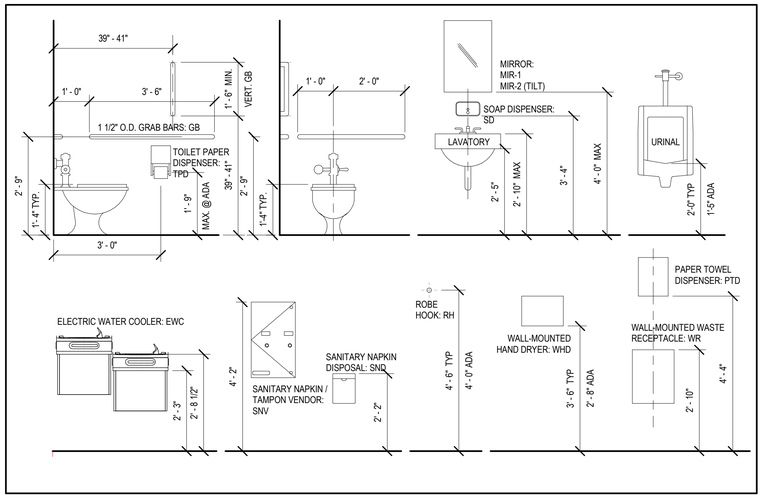
WED 25 SEP 2021

CONSTRUCTION DOCUMENTS
WBA # 5820

REVISIONS

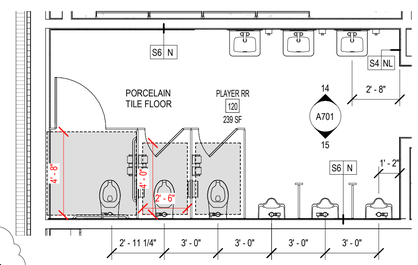
NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 1	09-03-2021
2	ADDENDUM NO. 2	09-10-2021

A601
PARTITIONS & FINISHES

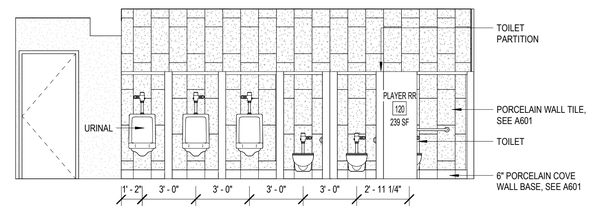


TOILET ACCESSORIES

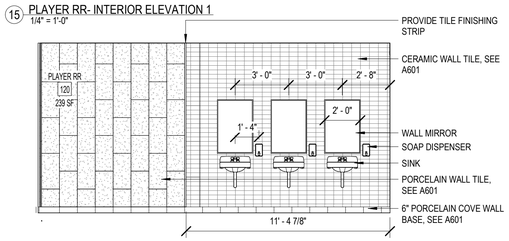
A	WALL MOUNTED SOAP DISPENSER
B	PAPER TOWEL DISPENSER
C	MIRROR
D	TRASH RECEPTACLE
E	TOILET PAPER DISPENSER
F	SANITARY NAPKIN RECEPTACLE
G	WALL MOUNTED SANITARY NAPKIN DISPENSER
H	GRAB BAR
I	JANITORIAL SINK
J	EDF- BOTTLE FILLER



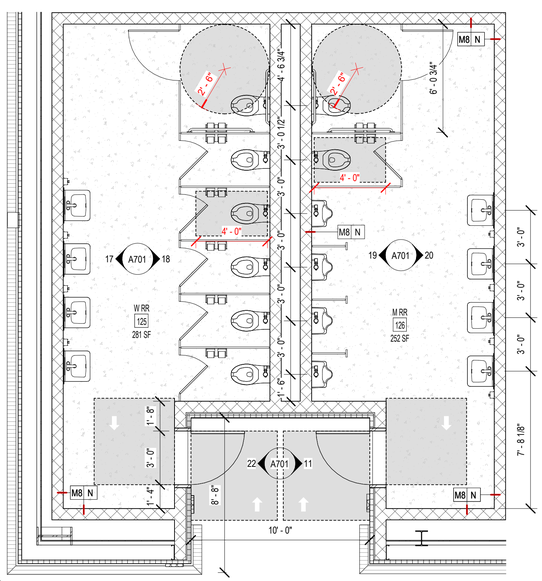
21 PLAYER'S RESTROOM PLAN
1/4" = 1'-0"



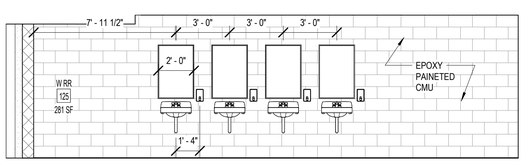
15 PLAYER RR- INTERIOR ELEVATION 1
1/4" = 1'-0"



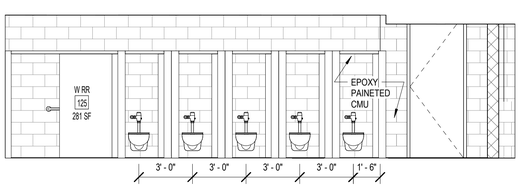
14 PLAYER RR - INTERIOR ELEVATION 2
1/4" = 1'-0"



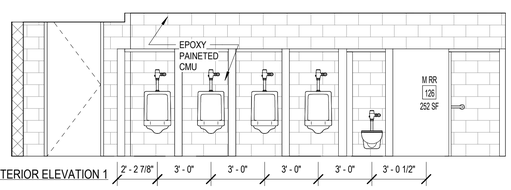
16 PUBLIC RESTROOM PLAN
1/4" = 1'-0"



17 WOMENS - INTERIOR ELEVATION 1
1/4" = 1'-0"



18 WOMENS - INTERIOR ELEVATION 2
1/4" = 1'-0"



19 MENS - INTERIOR ELEVATION 1
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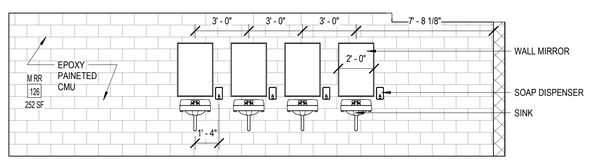
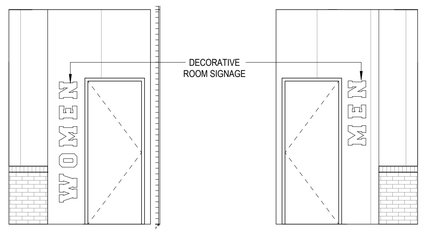


20 MENS - INTERIOR ELEVATION 2
1/4" = 1'-0"



22 WOMEN'S ENTRANCE - INTERIOR ELEVATION
1/4" = 1'-0"

11 MENS ENTRANCE - INTERIOR ELEVATION
1/4" = 1'-0"

WBA ARCHITECTURE

PEARL HIGH SCHOOL INDOOR TRAINING FACILITY

PEARL PUBLIC SCHOOL DISTRICT
500 PIRATES COVE
PEARL, MS 39208

REGISTERED ARCHITECT
JAMES RICHMON WIER, Jr.
4446
STATE OF MISSISSIPPI

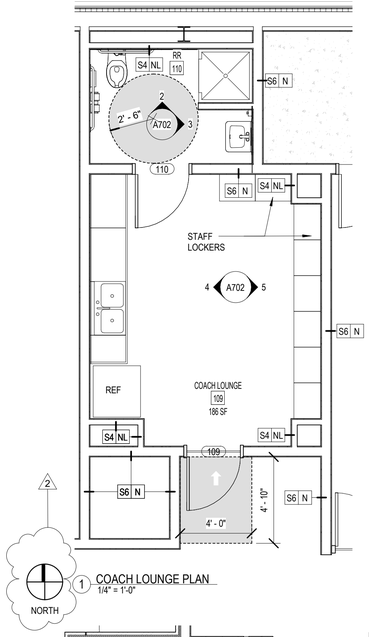
WED 25 SEP 2021

CONSTRUCTION DOCUMENTS
WBA # 5820

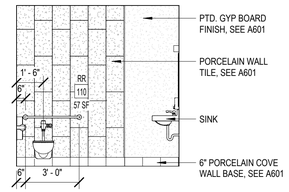
REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 1	09-03-2021
2	ADDENDUM NO. 2	09-10-2021

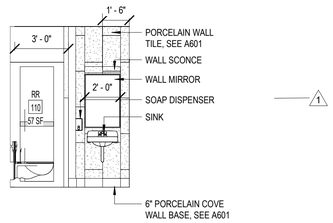
A701
ENLARGED PLANS & INTERIOR ELEVATIONS



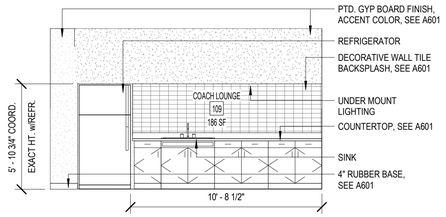
1 COACH LOUNGE PLAN
1/4" = 1'-0"



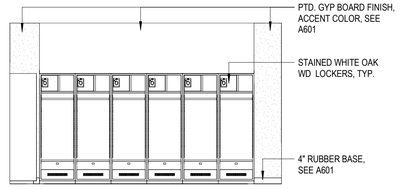
2 LOUNGE RR - INTERIOR ELEVATION 2
1/4" = 1'-0"



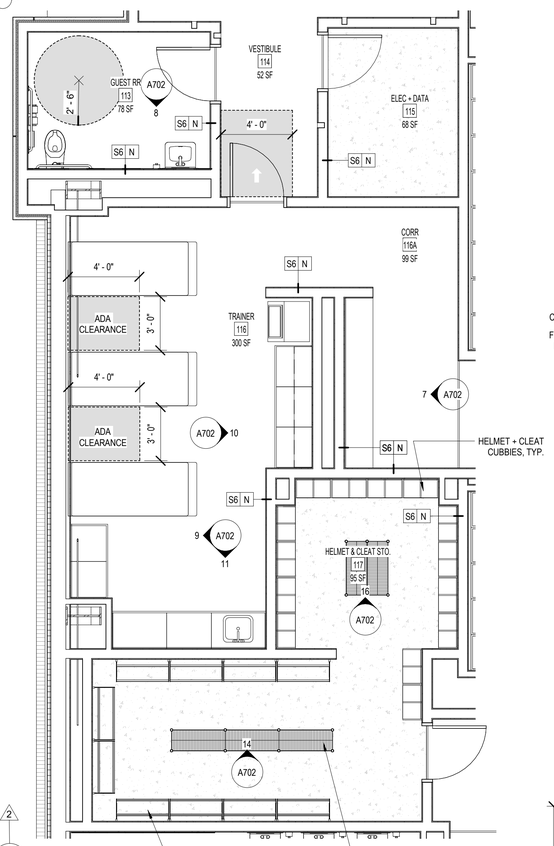
3 LOUNGE RR - INTERIOR ELEVATION 1
1/4" = 1'-0"



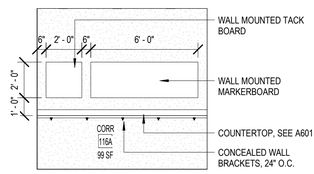
4 COACH LOUNGE - INTERIOR ELEVATION
1/4" = 1'-0"



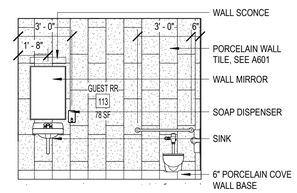
5 COACH LOUNGE - INTERIOR ELEVATION 2
1/4" = 1'-0"



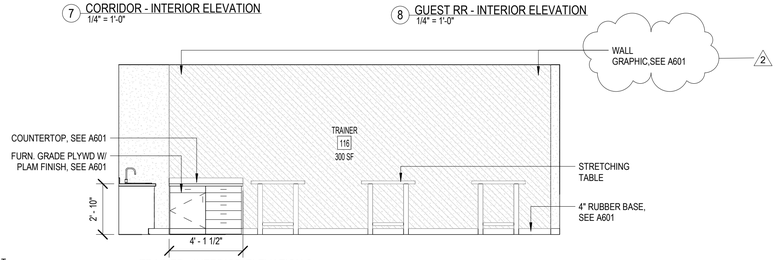
6 TRAINING ROOM PLAN
1/4" = 1'-0"



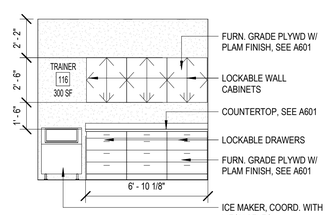
7 CORRIDOR - INTERIOR ELEVATION
1/4" = 1'-0"



8 GUEST RR - INTERIOR ELEVATION
1/4" = 1'-0"



9 TRAINER - INTERIOR ELEVATION 2
1/4" = 1'-0"



10 TRAINER - INTERIOR ELEVATION 1
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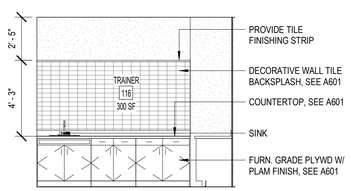

11 TRAINER - INTERIOR ELEVATION 3
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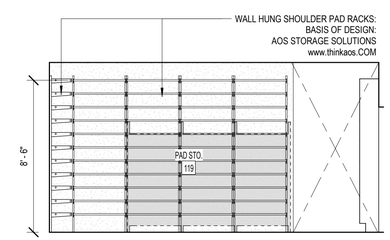
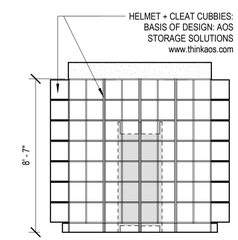
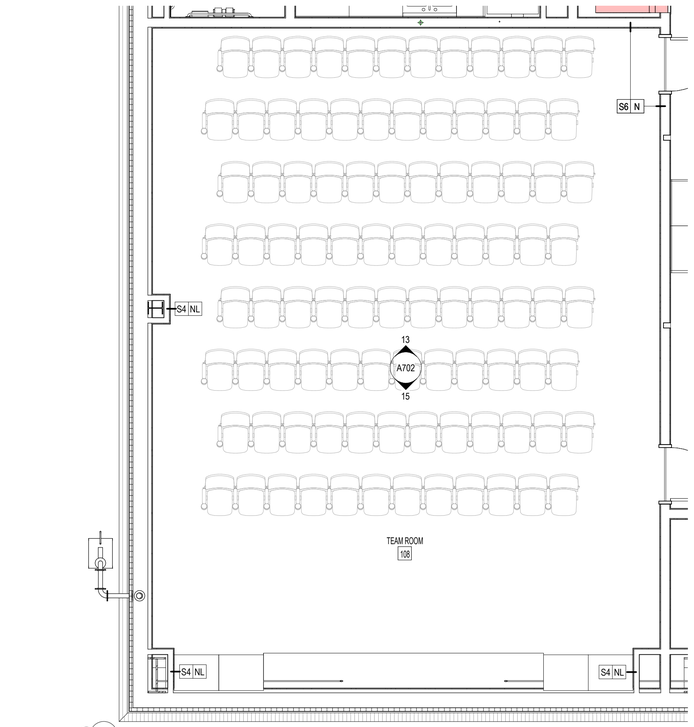


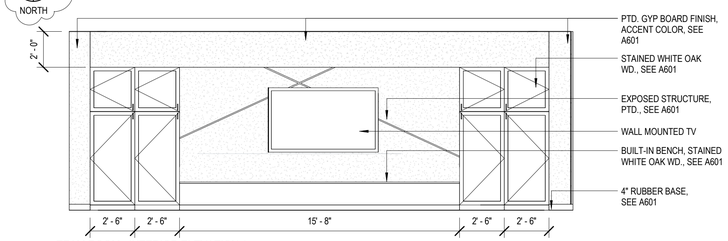
14 STORAGE - INTERIOR ELEVATION 2
1/4" = 1'-0"



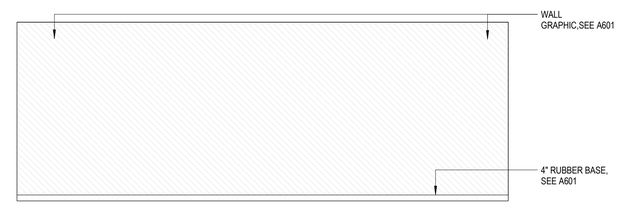
16 INTERIOR ELEVATION
1/4" = 1'-0"



12 TEAM ROOM PLAN
1/4" = 1'-0"



15 TEAM ROOM - INTERIOR ELEVATION 1
1/4" = 1'-0"



13 TEAM ROOM - INTERIOR ELEVATION 2
1/4" = 1'-0"

WBA ARCHITECTURE

PEARL HIGH SCHOOL INDOOR TRAINING FACILITY

PEARL PUBLIC SCHOOL DISTRICT
500 PIRATES COVE
PEARL, MS 39208

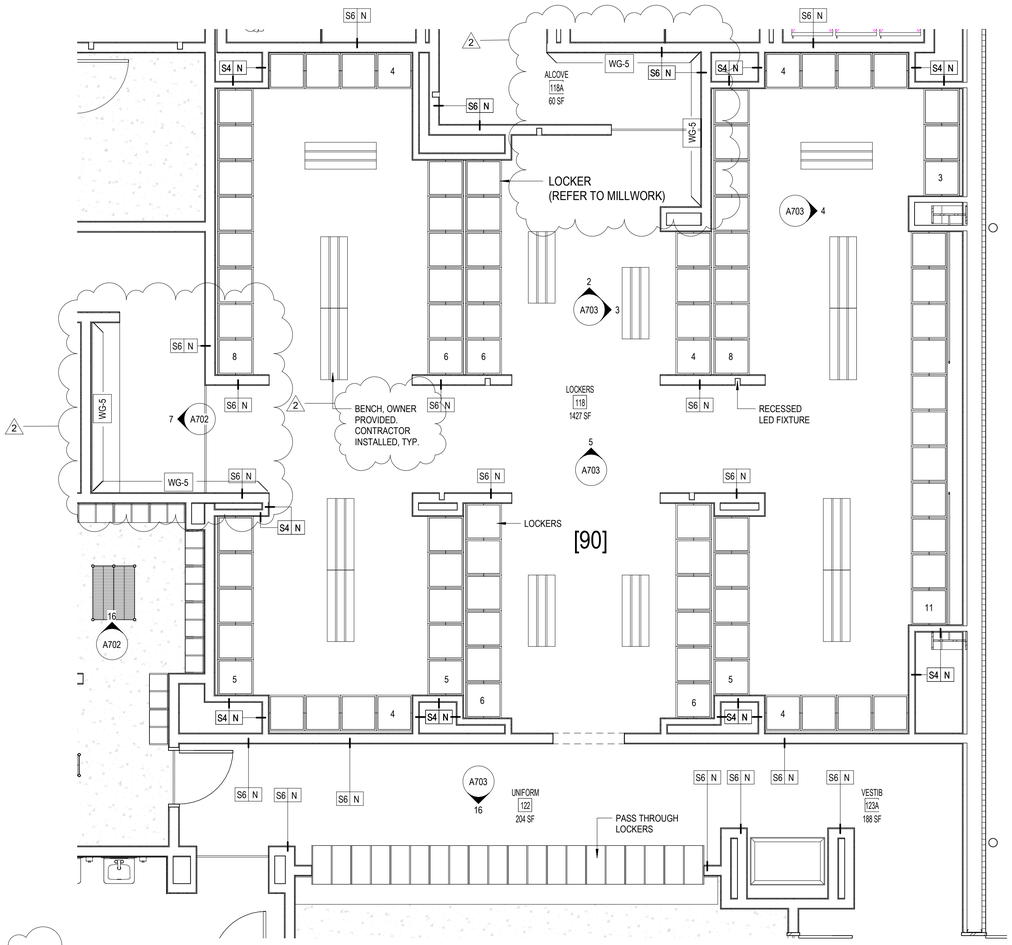
WED 25 SEP 2021

CONSTRUCTION DOCUMENTS
WBA # 5820

REVISIONS

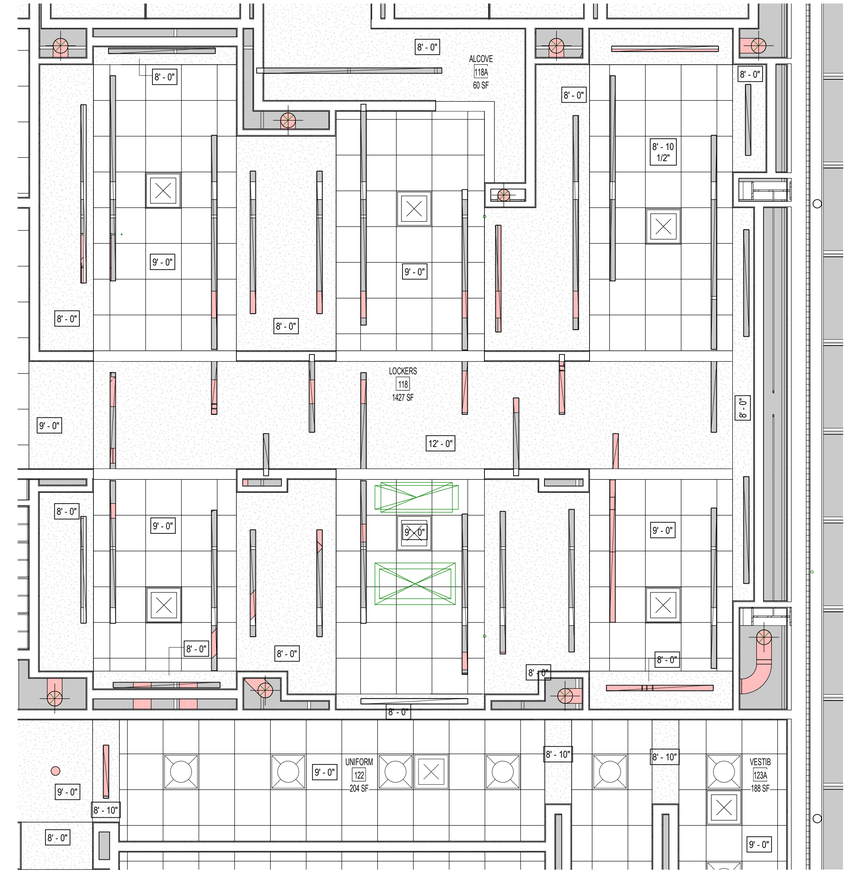
NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 1	09-03-2021
2	ADDENDUM NO. 2	09-10-2021

A702
ENLARGED PLANS & INTERIOR ELEVATIONS

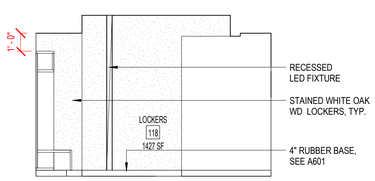


1 LOCKER ROOM - ENLARGED PLAN
1/4" = 1'-0"

NORTH

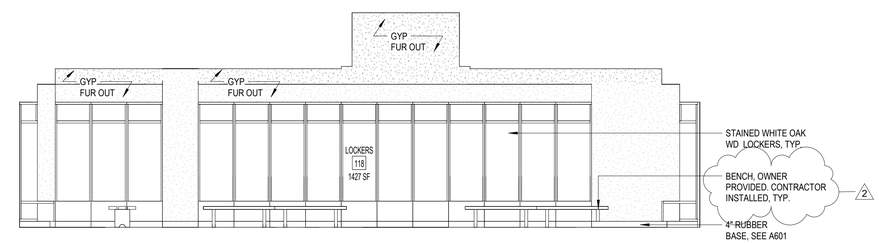


17 LOCKER ROOM - ENLARGED RCP
1/4" = 1'-0"

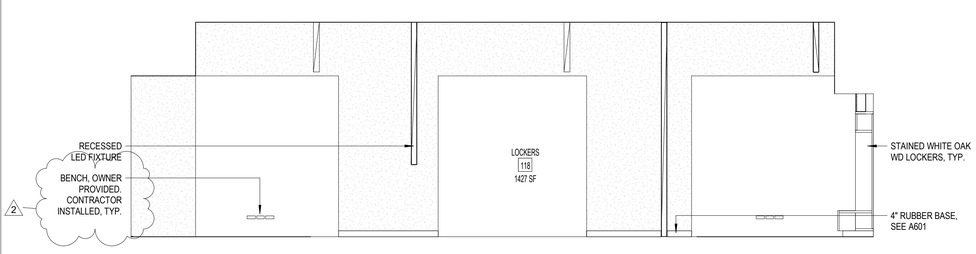


2 LOCKER ROOM 1- INTERIOR ELEVATION
1/4" = 1'-0"

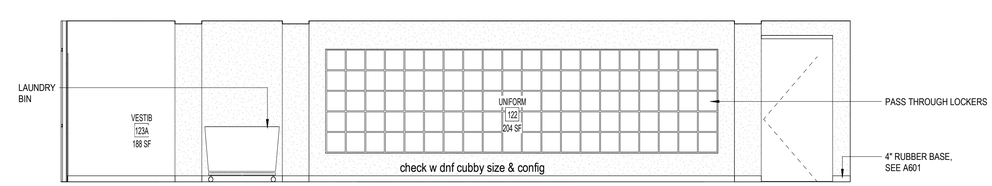
3 LOCKER ROOM 2 - INTERIOR ELEVATION
1/4" = 1'-0"



4 LOCKER ROOM 3 - INTERIOR ELEVATION
1/4" = 1'-0"



5 LOCKER ROOM 4 - INTERIOR ELEVATION
1/4" = 1'-0"



16 CUBBY WALL - INTERIOR ELEVATION
1/4" = 1'-0"

WBA ARCHITECTURE

PEARL HIGH SCHOOL INDOOR TRAINING FACILITY

PEARL PUBLIC SCHOOL DISTRICT
500 PIRATES COVE
PEARL, MS 39208

REGISTERED ARCHITECT
JAMES RICHMOND WIER, Jr.
4446
STATE OF MISSISSIPPI

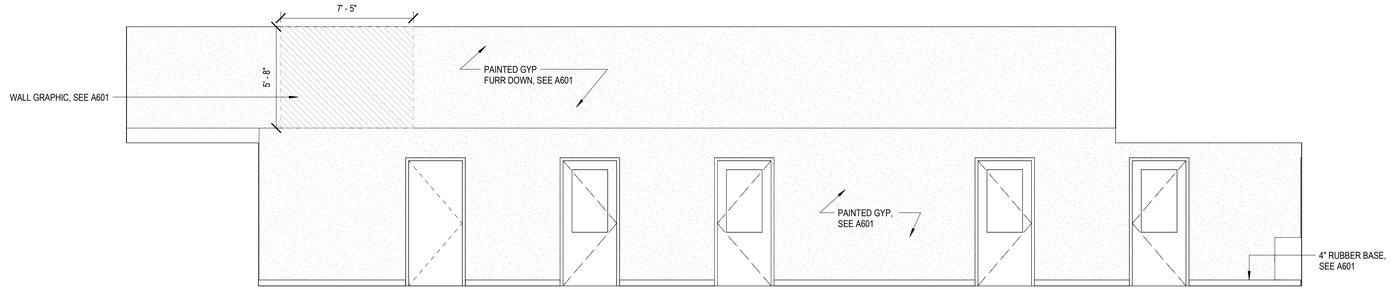
WED 25 SEP 2021

CONSTRUCTION DOCUMENTS
WBA # 5820

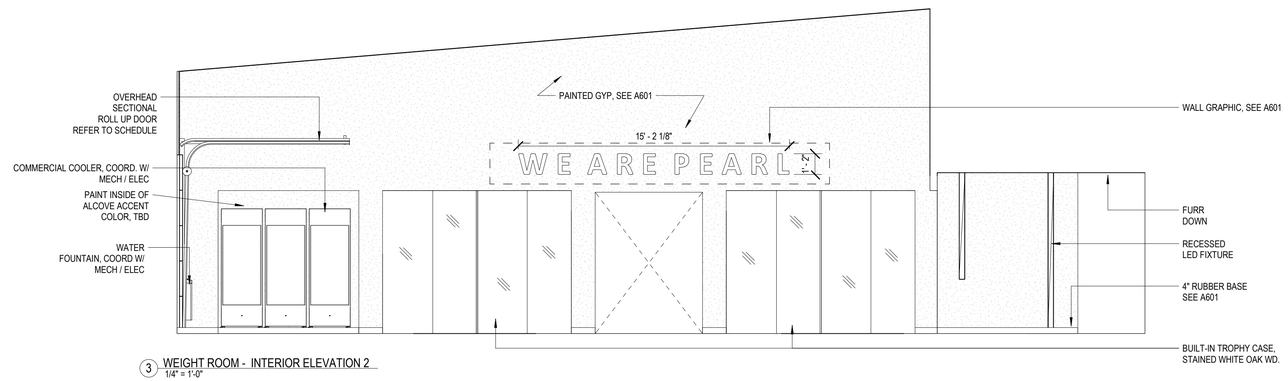
REVISIONS

NO.	DESCRIPTION	DATE
2	ADDENDUM NO. 2	09-10-2021

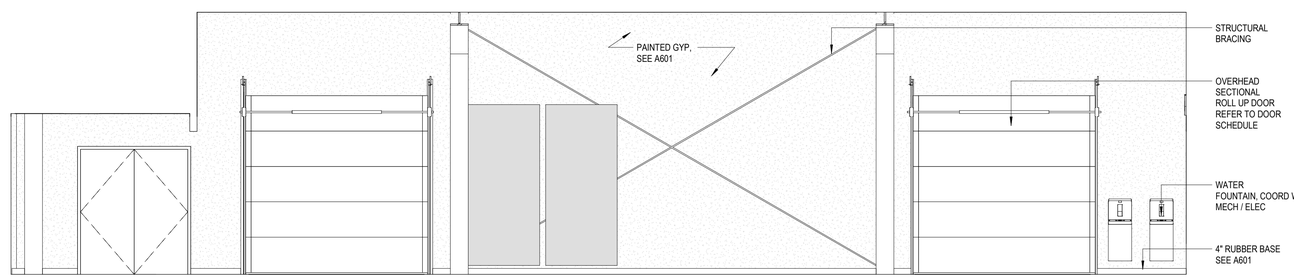
A703
ENLARGED PLANS & ELEVATIONS



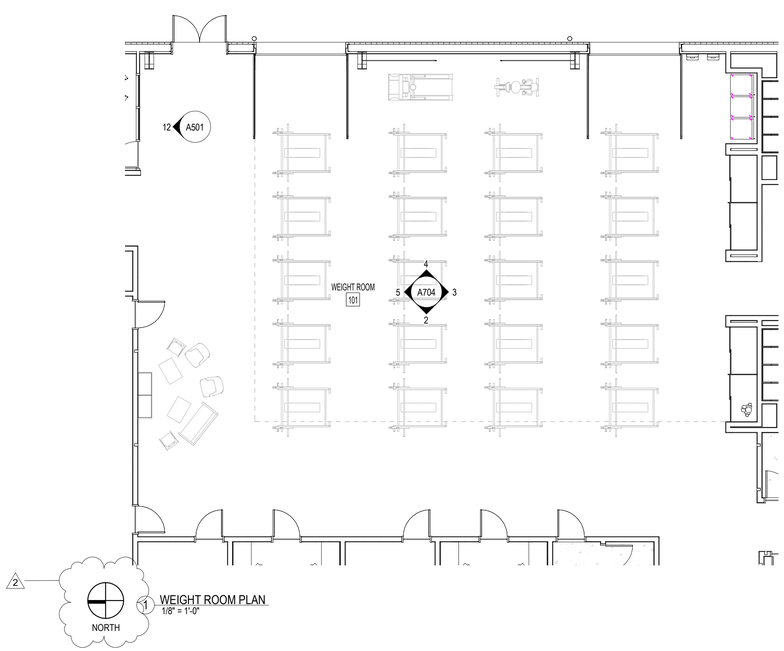
2 WEIGHT ROOM - INTERIOR ELEVATION 1
1/4" = 1'-0"



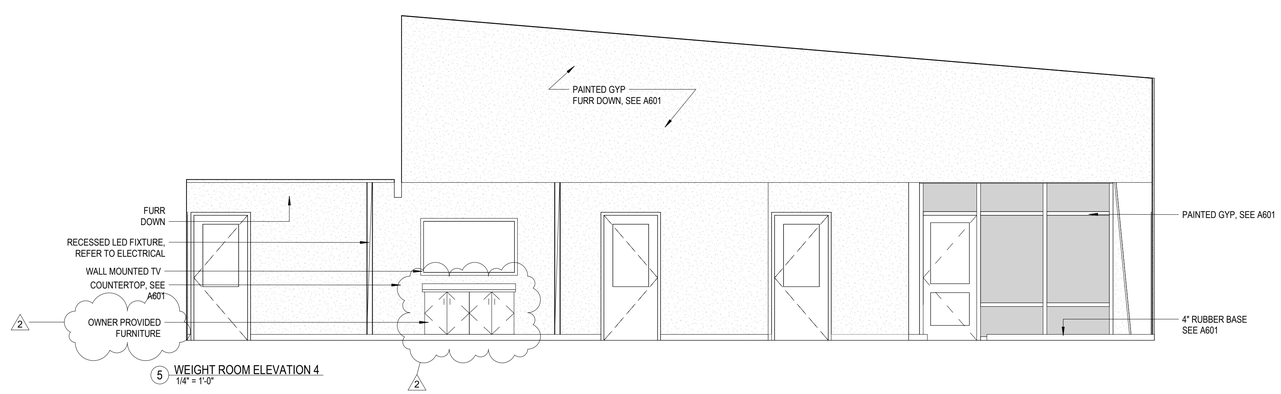
3 WEIGHT ROOM - INTERIOR ELEVATION 2
1/4" = 1'-0"



4 WEIGHT ROOM ELEVATION 3
1/4" = 1'-0"



1 WEIGHT ROOM PLAN
1/8" = 1'-0"



5 WEIGHT ROOM ELEVATION 4
1/4" = 1'-0"

WBA ARCHITECTURE

PEARL HIGH SCHOOL INDOOR TRAINING FACILITY

PEARL PUBLIC SCHOOL DISTRICT
500 PIRATES COVE
PEARL, MS 39208

REGISTERED ARCHITECT
JAMES RICHMON WIER, Jr.
4446
STATE OF MISSISSIPPI

WED 25 SEP 2021

CONSTRUCTION DOCUMENTS
WBA # 5820

REVISIONS

NO.	DESCRIPTION	DATE
2	ADDENDUM NO. 2	09-10-2021

A704
ENLARGED INTERIOR ELEVATIONS

SELF-CONTAINED PACKAGED UNIT SCHEDULE

MARK	AIRFLOW DATA			COOLING CAPACITY (ALL VALUES LISTED ARE NET CAPACITIES)										HEATING CAPACITY (REHEAT POSITION)						ELECTRICAL DATA						WEIGHT (LBS)	BASIS OF DESIGN	FEATURES/ACCESSORIES	MARK
	SUPPLY AIR		OUTSIDE AIR C.F.M.	DESIGN CONDITIONS								GENERAL		PRIMARY	SECONDARY														
	TOTAL CFM	E.S.P. IN. W.G.	OCCUPIED MIN.	O.A. TEMP. °F D.B.	O.A. TEMP. °F W.B.	COIL E.A.T. °F D.B.	COIL E.A.T. °F W.B.	COIL L.A.T. °F D.B.	COIL L.A.T. °F W.B.	TOTAL MBH	SENS. MBH	MIN. NO. OF STAGES	MIN. E.E.R.	HOT GAS REHEAT COIL CAPACITY (MBH)	FUEL	MAX. INPUT MBH	MAX. OUTPUT MBH	MIN. NO. OF STAGES	MIN. A.F.U.E.	SERVICE	SUPPLY FAN HP	SUPPLY FAN DRIVE TYPE	EXHAUST FAN HP	MCA	MOCP				
RTU-01	9,550	1.00	2,500	95.6	79.8	80.4	69.5	56.7	56.6	404.6	244.1	2	11.0	239.0	N. GAS	600.0	480.0	4	80	208V.,3ph	3	DIRECT	2	163.6	200	8,000	GREENHECK MODEL RV-75-30	1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15	RTU-01
RTU-02	3,500	1.00	750	95.0	78.0	80.0	67.0	56.3	56.0	111.7	89.7	2	12.4	91.4	N. GAS	150.0	120.0	2	80	208V.,3ph	2.75	DIRECT	-	48.0	60	1,850	TRANE MODEL YHC120	1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 15	RTU-02

NOTES:

1. ALL RATINGS ARE AT SPECIFIED DESIGN DAY, CFM AND EXTERNAL STATIC PRESSURE CONDITIONS.
2. MINIMUM A.F.U.E. - AS SCHEDULED.
3. FANS SHALL BE EITHER DIRECT DRIVE CENTRIFUGAL MULTI-SPEED MOTOR DESIGN, BELT DRIVE CENTRIFUGAL DESIGN OR DIRECT DRIVE PLENUM FAN DESIGN. ALL SELECTIONS SHALL INCLUDE A MINIMUM 15% SAFETY FACTOR (I.E. NOMINAL BHP/HP SHALL BE MAXIMUM 85% AND/OR DIRECT DRIVE FAN WIDTH UTILIZED SHALL NOT EXCEED 85% OPEN).
4. ALSO DEFINED AS NUMBER OF INDEPENDENT REFRIGERANT CIRCUITS.
5. MINIMUM REHEAT CAPACITY COINCIDENT WITH ONLY LEAD CIRCUIT COOLING SYSTEM ENERGIZED.
6. SEE SPECIFICATIONS FOR CONTROLS INFORMATION.
7. SEE SPECIFICATIONS FOR COORDINATION OF SMOKE DETECTORS.
8. ALL UNITS SHALL UTILIZE R-410A REFRIGERANT.
9. FOR UNITS WITH VARIABLE SPEED DRIVES, PROVIDE SUBMITTAL DATA FOR BOTH THE OPERATING AND MAXIMUM TOTAL STATIC PRESSURE AT DESIGN SUPPLY CFM (UTILIZING MAXIMUM BHP AVAILABLE IN MOTOR). BELTS/PULLEYS TO BE PROVIDED BASED UPON MAXIMUM TOTAL STATIC PRESSURE.

FEATURES/ACCESSORIES:

1. EVAPORATOR LOW LIMIT TEMPERATURE AND TIME DELAY AUTOMATIC RESTART CONTROLS FOR EACH CIRCUIT.
2. SINGLE POINT POWER CONNECTION WITH INTEGRAL DISCONNECT.
3. HINGED ACCESS DOORS, WEATHERPROOF GASKETED SEALS AND QUARTER TURN LATCHES ON COMPRESSOR, EVAPORATOR FAN, CONTROLS AND AIR FILTER SECTIONS.
4. PHASE LOSS/PHASE REVERSAL, OVER/UNDER VOLTAGE AND BROWN OUT ELECTRICAL PROTECTION ON ENTIRE UNIT.
5. THRU-BASE ELECTRICAL CONNECTION.
6. HEAVY DUTY CONDENSER COIL HAIL GUARDS.
7. LOW AMBIENT CONTROLS DOWN TO 0°F.
8. TWO POSITION HOT GAS REHEAT COIL.
9. MODULATING HOT GAS REHEAT COIL.
10. PROVIDE WITH NEEDLE POINT IONIZATION DEVICES PER SCHEDULE.
11. FULL ECONOMIZER WITH DIFFERENTIAL ENTHALPY BASED CONTROLS AND VARIABLE SPEED POWERED RELIEF FAN WITH BUILDING PRESSURE CONTROLS.
12. VARIABLE SPEED COMPRESSOR ON LEAD REFRIGERANT CIRCUIT.
13. DOUBLE WALL FOAM FILLED CONSTRUCTION CABINET.
14. SINGLE ZONE VARIABLE AIR VOLUME CONTROL.
15. VIBRATION ISOLATION CURB

COMPARABLE PRODUCTS:
AAON, VALENT

DUCTLESS SPLIT SYSTEM (INDOOR SECTION) SCHEDULE

MARK	TYPE	TOTAL CFM	HEATING CAPACITY INDOOR D.B., °F	HEATING CAPACITY OUTDOOR D.B., °F	COOLING CAPACITY EAT (°F) D.B.	COOLING CAPACITY EAT (°F) W.B.	COOLING CAPACITY TOTAL MBH	ELECTRICAL SERVICE	BASIS OF DESIGN	FEATURES/ ACCESSORIES	MATCHED TO
DSS-01	WALL	350	70	47	80	67	12.0	208V.,1ph	TRANE MODEL NTYWST12	1, 2	DCU-01

FEATURES/ACCESSORIES:

1. PROVIDE WITH HARD WIRED WALL MOUNTED THERMOSTAT.
2. MANUFACTURER'S INTEGRAL CONDENSATE PUMP.
3. PROVIDE WITH NEEDLE POINT IONIZATION DEVICES PER SCHEDULE

COMPARABLE PRODUCTS:
MITSUBISHI, DAIKIN, LG

DUCTLESS SPLIT SYSTEM (OUTDOOR SECTION) SCHEDULE

MARK	COOLING CAPACITY OUTDOOR D.B., °F	COOLING CAPACITY TOTAL MBH	COOLING CAPACITY MIN. S.E.E.R.	MAXIMUM REFRIGERANT PIPE LENGTH (FT.)	ELECTRICAL SERVICE	BASIS OF DESIGN	MATCHED TO
DCU-01	95	12.0	24.0	50	208V.,1ph	TRANE MODEL NTYSST12	DSS-01

COMPARABLE PRODUCTS:
MITSUBISHI, DAIKIN, LG

NOTES:

1. REFRIGERANT PIPE SIZE SHALL BE AS PER MANUFACTURER'S RECOMMENDATION TO PROVIDE SCHEDULED MINIMUM COOLING CAPACITY AND MAXIMUM EQUIPMENT LIFE.
2. PROVIDE LOW AMBIENT CONTROLS/CAPABILITY.
3. ALL UNITS TO BE PROVIDED WITH HIGH/LOW PRESSURE SWITCHES, HARD SHUTOFF KIT, LIQUID LINE FILTER DRYER AND WARRANTY AS SPECIFIED.

HEAT RECOVERY UNITS SCHEDULE

MARK	HEAT EXCHANGER DESIGN CONDITIONS																				COOLING CAPACITY (ALL VALUES LISTED ARE NET CAPACITIES)									
	OUTSIDE AIR / SUPPLY AIR SIDE										EXHAUST AIR / RETURN AIR SIDE										DESIGN CONDITIONS									
	CFM	EXT. S.P. IN W.G.	WINTER E.A.T. °F D.B.	WINTER E.A.T. °F W.B.	WINTER L.A.T. °F D.B.	WINTER L.A.T. °F W.B.	SUMMER E.A.T. °F D.B.	SUMMER E.A.T. °F W.B.	SUMMER L.A.T. °F D.B.	SUMMER L.A.T. °F W.B.	CFM	EXT. S.P. IN W.G.	WINTER E.A.T. °F D.B.	WINTER E.A.T. °F W.B.	WINTER L.A.T. °F D.B.	WINTER L.A.T. °F W.B.	SUMMER E.A.T. °F D.B.	SUMMER E.A.T. °F W.B.	SUMMER L.A.T. °F D.B.	SUMMER L.A.T. °F W.B.	OUTSIDE AIR TEMP. D.B.	OUTSIDE AIR TEMP. W.B.	COIL E.A.T. °F D.B.	COIL E.A.T. °F W.B.	COIL L.A.T. °F D.B.	COIL L.A.T. °F W.B.	TOTAL MBH	SENS. MBH	MIN. NO. OF STAGES	MIN. ISMRE
HRU-01	6,825	1.00	22.0	18.3	52.8	43.5	95.6	76.7	82.3	68.3	6,000	1.00	72.0	55.8	36.1	31.4	75.0	52.5	89.6	72.9	95.6	76.7	82.3	68.3	53.8	53.5	320	214	2	6.5

NOTES:

1. FANS SHALL BE EITHER DIRECT DRIVE CENTRIFUGAL MULTI-SPEED MOTOR DESIGN, BELT DRIVE CENTRIFUGAL DESIGN, OR DIRECT DRIVE PLENUM FAN WITH VFD. ALL SELECTIONS SHALL INCLUDE A MINIMUM 15% SAFETY FACTOR (I.E. NORMAL BHP/HP SHALL BE MAXIMUM 85%).
2. ALSO DEFINED AS NUMBER OF INDEPENDENT REFRIGERANT CIRCUITS.
3. MINIMUM REHEAT CAPACITY COINCIDENT WITH ONLY LEAD CIRCUIT COOLING SYSTEM ENERGIZED.
4. SEE SPECIFICATIONS FOR MORE INFORMATION AND CONTROL SEQUENCES.

FEATURES/ACCESSORIES:

1. EVAPORATOR LOW LIMIT TEMPERATURE AND TIME DELAY AUTOMATIC RESTART CONTROLS FOR EACH CIRCUIT.
2. EQUIPMENT VIBRATION ISOLATION CURBS.
3. VARIABLE SPEED COMPRESSOR ON LEAD COMPRESSOR REFRIGERANT CIRCUITS.
4. MODULATING OUTSIDE AIR AND RETURN AIR DAMPERS (COORDINATE ACTUATOR REQUIREMENTS WITH CONTROLS CONTRACTOR).
5. THRU-BASE ELECTRICAL CONNECTION.
6. FACTORY MOUNTED AND WIRED DISCONNECT SWITCH.
7. 2" DEEP FILTER RACK.
8. HINGED ACCESS DOORS, WEATHER PROOF GASKETED SEALS AND QUARTER TURN LATCHES ON COMPRESSOR, EVAPORATOR FAN, CONTROLS, AND AIR FILTER SECTIONS.
9. MODULATING HOT GAS REHEAT COIL.

HEAT RECOVERY UNITS SCHEDULE (CONT.)

HEATING CAPACITY (REHEAT POSITION)					ELECTRICAL DATA					UNIT WEIGHT (LBS.)	BASIS OF DESIGN	FEATURES/ACCESSORIES	MARK
COOLING AND DEHUMIDIFICATION MODE	HEATING MODE												
	SECONDARY HEATING MODE												
HOT GAS REHEAT COIL CAPACITY (MBH)	FUEL	MAX. INPUT MBH	MIN. MOD. TURNDOWN	MIN. A.F.U.E.	SUPPLY FAN HP.	RETURN/ EXHAUST FAN HP.	SERVICE	MCA	MOCP				
165	N. GAS	400	16:1	80%	7.5	5	208V.,3ph	159.4	200	6,500	GREENHECK MODEL RVE-85-58-30H-25	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	HRU-01

10. PROVIDE WITH NEEDLE POINT IONIZATION DEVICES PER SCHEDULE.
11. HEAVY DUTY CONDENSER COIL HAIL GUARDS.
12. FULL ECONOMIZER WITH DIFFERENTIAL ENTHALPY BASED CONTROLS AND VARIABLE SPEED POWERED RELIEF FAN WITH BUILDING PRESSURE CONTROLS.

COMPARABLE PRODUCTS:
AAON, VALENT

NEEDLEPOINT BI-POLAR IONIZATION DEVICES SCHEDULE

EQUIPMENT SERVED	DEVICE MOUNTING LOCATION	BASIS OF DESIGN	FEATURES/ ACCESSORIES
PACKAGED UNITS (ROOFTOP, GROUND MOUNTED, ETC.)	INDOORS DOWNSTREAM OF UNIT IN SUPPLY AIR DUCTWORK	GLOBAL PLASMA MODEL GPS-DM48-AC	1, 2, 3, 4
DUCTLESS INDOOR UNITS	IN UNIT DOWNSTREAM OF FILTERS	GLOBAL PLASMA MODEL IRIB	1, 2, 4

FEATURES/ACCESSORIES:

1. 24 VAC POWER SUPPLY VOLTAGE.
2. CONNECT TO UNIT CONTROL POWER AS REQUIRED.
3. MULTIPLE UNITS MAY BE REQUIRED BASED UPON AIRFLOW OF EQUIPMENT BEING SERVED. COORDINATE WITH INDIVIDUAL UNIT AIRFLOW.
4. PROVIDE HANDHELD ELECTRICAL TESTING DEVICE WITH BOTH VISIBLE AND AUDIBLE INDICATION (ONE PER PROJECT TO BE TURNED OVER TO OWNER).

COMPARABLE PRODUCTS:
PLASMA AIR, BIOCLIMATIC

2

FAN SCHEDULE

MARK	TYPE [1]	CONTROL SEQ. [2]	OPERATING CFM	S.P. in W.G.	R.P.M.	MAX. SONES	MOTOR DATA H.P.	MOTOR DATA B.H.P.	MOTOR DATA WATTS	ELEC. SERVICE	DRIVE	BASIS OF DESIGN	FEATURES/ACCESSORIES
EF-01	A	A	75	0.375	950	2.0	-	-	80.2	115V.,1ph	DIRECT	GREENHECK MODEL SP-B110	1, 2, 3, 4, 5, 6
EF-02	A	A	75	0.375	950	2.0	-	-	80.2	115V.,1ph	DIRECT	GREENHECK MODEL SP-B110	1, 2, 3, 4, 5, 6
EF-03	A	A	75	0.375	950	2.0	-	-	80.2	115V.,1ph	DIRECT	GREENHECK MODEL SP-B110	1, 2, 3, 4, 5, 6
EF-04	A	A	75	0.375	950	2.0	-	-	80.2	115V.,1ph	DIRECT	GREENHECK MODEL SP-B110	1, 2, 3, 4, 5, 6

[1] TYPE - SEE DETAILS FOR MORE INFORMATION:

A. CEILING CABINET TYPE

[2] CONTROL SEQUENCE:

A. EXHAUST FAN SHALL BE INTERLOCKED WITH LIGHT SWITCH IN SAME ROOM AS FAN.

COMPARABLE PRODUCTS:
GREENHECK, COOK, PENN-BARRY

[3] FEATURES/ACCESSORIES:

PROVIDE THE FOLLOWING MANUFACTURER'S ACCESSORIES

1. UL AND AMCA RATING
2. FACTORY MOUNTED & WIRED DISCONNECT
3. BACKDRAFT DAMPER
4. FACTORY MOUNTED & WIRED SOLID STATE SPEED CONTROLLER
5. ALUMINUM GRILLE
6. ROOF DISCHARGE CURB AND CAP WITH BIRDSCREEN

WBA ARCHITECTURE

PEARL HIGH SCHOOL INDOOR TRAINING FACILITY

PEARL PUBLIC SCHOOL DISTRICT
500 PIRATES COVE
PEARL, MS 39208

KEVIN WILLIAM LANDERS
LICENSED PROFESSIONAL ENGINEER
15585
08/25/21
STATE OF MISSISSIPPI

WED 25 AUG 2021

CONSTRUCTION DOCUMENTS
WBA # 5820

REVISIONS

NO.	DESCRIPTION	DATE
2	ADDENDUM 2	9/10/21

GSK MECHANICAL
Consulting Engineering
251 Park Court - Suite A | Ridgeland, MS 39157
P: 601.605.2930 F: 844.493.3111
www.gskmech.com
GSK#:116-035

M201
HVAC Schedules

PANEL MB	LOCATION: ELECTRICAL ROOM	LUG LOCATION: BOTTOM FEED
	VOLT: 208Y/120V, 3Ø, 4W	MAIN BUS: 800A MAIN BREAKER
	BUS: 800A	MOUNTING: SURFACE
		PANELBOARD AIC RATING (A): 22,000

CIRCUIT NO.	BREAKER AMPS	BREAKER POLES	DESCRIPTION	PHASE LOAD (KVA) A		B		C		DESCRIPTION	BREAKER AMPS	BREAKER POLES	CIRCUIT NO.
1	225	3	PANEL PA	17.7	6.6					PANEL PB	225	3	2
3	-	-	-			16.3	4.8			-	-	-	4
5	-	-	-					18.0	4.4	-	-	-	6
7	200	3	RTU-1	15.6	4.6					RTU-2	60	3	8
9	-	-	-			15.6	4.6			-	-	-	10
11	-	-	-					15.6	4.6	-	-	-	12
13	200	3	HRU-1	15.3	0.0					SPARE	200	3	14
15	-	-	-			15.3	0.0			-	-	-	16
17	-	-	-					15.3	0.0	-	-	-	18
19	125	3	SPARE	0.0	0.0					SPARE	125	3	20
21	-	-	-			0.0	0.0			-	-	-	22
23	-	-	-					0.0	0.0	-	-	-	24
25	15	3	WASHER	0.9	0.9					WASHER	15	3	26
27	-	-	-			0.9	0.9			-	-	-	28
29	-	-	-					0.9	0.9	-	-	-	30
31			SPACE	0.0	0.0					SPACE			32
33			SPACE			0.0	0.0			SPACE			34
35			SPACE					0.0	0.0	SPACE			36
37			SPACE	0.0	0.0					SPACE			38
39			SPACE			0.0	0.0			SPACE			40
41			SPACE					0.0	0.0	SPACE			42
TOTAL				61.7		58.5		59.8					

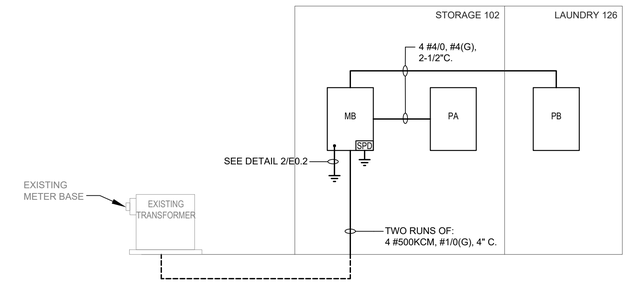
PANEL PA	LOCATION: ELECTRICAL ROOM	LUG LOCATION: TOP FEED
	VOLT: 208Y/120V, 3Ø, 4W	MAIN BUS: MAIN LUGS ONLY
	BUS: 225A	MOUNTING: SURFACE
		PANELBOARD AIC RATING (A): 22,000

CIRCUIT NO.	BREAKER AMPS	BREAKER POLES	DESCRIPTION	PHASE LOAD (KVA) A		B		C		DESCRIPTION	BREAKER AMPS	BREAKER POLES	CIRCUIT NO.
1	20	1	LTS. - CONCESSION, LAUNDRY, UNIFORM, VESTIBULE	1.2	1.1					EXTERIOR REC.	20	1	2
3	20	1	LTS. - RR, PLAYERS RR, STOR, TRAIN, ELEC.			1.0	0.7			EXTERIOR REC.	20	1	4
5	20	1	LTS. - LOCKER RM					1.4	0.7	EXTERIOR REC.	20	1	6
7	20	1	LTS. - WEIGHT RM	0.7	0.5					REC. WEIGHT/EXTERIOR	20	1	8
9	20	1	LTS. - OFFICES, TEAM RM, COACH LNGE, HEAD COACH			1.3	0.4			REC. RM 102	20	1	10
11	20	2	DCU-01 / DSS-01					1.5	0.9	REC. RM 103/ WEIGHT	20	1	12
13	-	-	-	1.5	0.7					REC. RM 103	20	1	14
15	20	1	FIRE ALARM CONTROL PANEL			0.5	1.1			REC. RM 104/WEIGHT	20	1	16
17	20	1	FIRE ALARM BELL					0.5	1.4	REC. RM 105	20	1	18
19	20	1	LTS. - (PRACTICE FIELD)	1.3	1.4					REC. RM 106/107	20	1	20
21	20	1	LTS. - (PRACTICE FIELD)			1.3	0.9			REC. RM 107/108	20	1	22
23	20	1	LTS. - (PRACTICE FIELD)					1.3	0.7	REC. RM 108/WEIGHT	20	1	24
25	20	1	LTS. - (PRACTICE FIELD)	1.3	1.1					REC. RM 108/109	20	1	26
27	20	1	LTS. - (PRACTICE FIELD)			1.3	0.5			REC. RM 109/110	20	1	28
29	20	1	LTS. - (PRACTICE FIELD)					1.3	1.4	REC. RM 109/111	20	1	30
31	20	1	LTS. - (PRACTICE FIELD)	1.3	0.5					REC. WEIGHTS	20	1	32
33	20	1	LTS. - (PRACTICE FIELD)			1.3	0.5			LVR-I01	20	1	34
35	20	1	LTS. - (PRACTICE FIELD)					1.3	0.5	WH-01 AND CP-01	20	1	36
37	20	1	LTS. - (PRACTICE FIELD)	1.3	0.8					REC. COACH LOUNGE 109	20	1	38
39	20	1	LTS. - (PRACTICE FIELD)			1.3	1.3			LTS. - (PRACTICE FIELD)	20	1	40
41	20	1	LTS. - (PRACTICE FIELD)					1.3	1.3	LTS. - (PRACTICE FIELD)	20	1	42
43	20	1	LTS. - (PRACTICE FIELD)	1.3	0.5					CONTACTOR C1	20	1	44
45	20	1	LTS. - (PRACTICE FIELD)			1.3	0.5			POWER FOR SIGNAGE	20	1	46
47	20	1	LTS. - (PRACTICE FIELD)					1.3	0.0	SPARE	20	1	48
49	20	1	LTS. - (PRACTICE FIELD)	1.3	0.0					SPARE	20	1	50
51	20	1	LTS. - (PRACTICE FIELD)			1.3	0.0			SPARE	20	1	52
53	20	1	LTS. - (PRACTICE FIELD)					1.3	0.0	SPARE	20	1	54
TOTAL				17.7		16.3		18.0		* GFCI BREAKER			

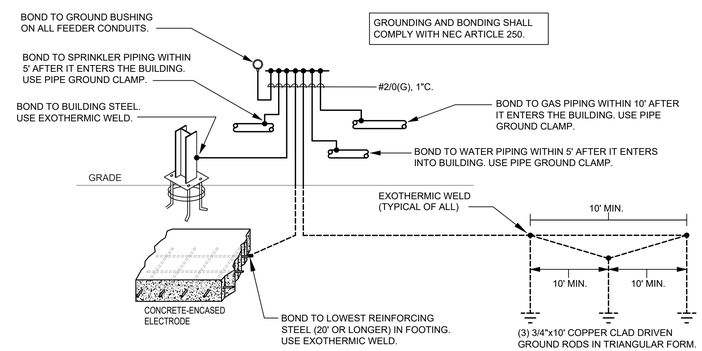
PANEL PB	LOCATION: ELECTRICAL ROOM	LUG LOCATION: TOP FEED
	VOLT: 208Y/120V, 3Ø, 4W	MAIN BUS: MAIN LUGS ONLY
	BUS: 225A	MOUNTING: SURFACE
		PANELBOARD AIC RATING (A): 22,000

CIRCUIT NO.	BREAKER AMPS	BREAKER POLES	DESCRIPTION	PHASE LOAD (KVA) A		B		C		DESCRIPTION	BREAKER AMPS	BREAKER POLES	CIRCUIT NO.
1	20	2	FREEZER CONDENSING UNIT	0.7	1.1					EXTERIOR REC.	20	1	2
3	-	-	-			0.7	0.7			EXTERIOR REC.	20	1	4
5	20	2	COOLER CONDENSING UNIT					0.7	0.7	EXTERIOR REC.	20	1	6
7	-	-	-	0.7	0.7					LAUNDRY REC.	*20	1	8
9	15	2	COOLER EVAPORATOR			0.1	1.0			DRYER	20	1	10
11	-	-	-					0.1	1.0	DRYER	20	1	12
13	15	2	FREEZER EVAPORATOR	0.3	0.8					REC. - (ICE MAKER) TRAINING	20	1	14
15	-	-	-			0.3	0.0			SPARE	20	1	16
17	20	1	LTS. - COOLER/FREEZER					0.5	0.5	RESTROOM REC.	20	1	18
19	20	1	REC. - CONCESSION	0.2	0.5					REC. RM 125, 122, 120	20	1	20
21	20	1	REC. - CONCESSION			0.2	0.5			REC. KITCHEN GFI	20	1	22
23	20	1	REC. - CONCESSION					0.2	0.4	REC. RM 113, 115	20	1	24
25	20	1	REC. - CONCESSION	0.2	1.1					REC. RM 121, 120	*20	1	26
27	20	1	REC. - CONCESSION			0.2	0.9			REC. RM 119	20	1	28
29	20	1	REC. - CONCESSION					0.2	0.0	SPARE	20	1	30
31	20	1	REC. - CONCESSION	0.2	0.0					SPARE	20	1	32
33	20	1	REC. - CONCESSION			0.2	0.0			SPARE	20	1	34
35	20	1	REC. - CONCESSION					0.2	0.0	SPARE	20	1	36
37	20	1	REC. - CONCESSION	0.2	0.0					SPARE	20	1	38
39	20	1	LTS. - EXTERIOR			0.1	0.0			SPARE	20	1	40
41	20	1	SPARE					0.0	0.0	SPARE	20	1	42
43	20	1	SPARE	0.0	0.0					SPARE	20	1	44
45	20	1	SPARE			0.0	0.0			SPARE	20	1	46
47	20	1	SPARE					0.0	0.0	SPARE	20	1	48
49	20	1	SPARE	0.0	0.0					SPARE	20	1	50
51	20	1	SPARE			0.0	0.0			SPARE	20	1	52
53	20	1	SPARE					0.0	0.0	SPARE	20	1	54
TOTAL				6.6		4.8		4.4		* GFCI BREAKER			

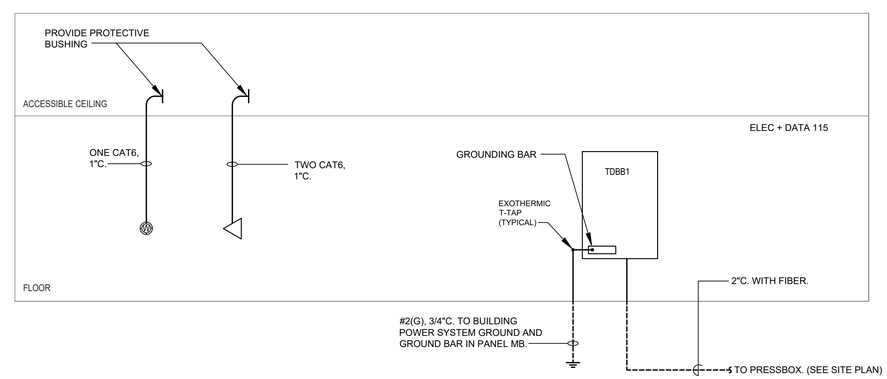
2



1 / E0.2 ONE LINE DIAGRAM
Scale: NONE



2 / E0.2 GROUNDING DETAIL
Scale: NONE



3 / E0.2 TELEPHONE/DATA RISER DIAGRAM
Scale: NONE

THE POWER SOURCE PLLC
305 HIGHWAY 51
RIDGELAND, MS 39157
VOICE (601) 605-4820
FAX (601) 605-4875
TPS PROJ. # 21094

WBA ARCHITECTURE

CHRISTOPHER L. GREEN, LICENSED PROFESSIONAL ENGINEER, 16778, STATE OF MISSISSIPPI, 9/3/21

PEARL HIGH SCHOOL INDOOR TRAINING FACILITY

PEARL PUBLIC SCHOOL DISTRICT
500 PIRATES COVE
PEARL, MS 39208

23 AUG 2021

CONSTRUCTION DOCUMENTS
WBA # 5820

REVISIONS

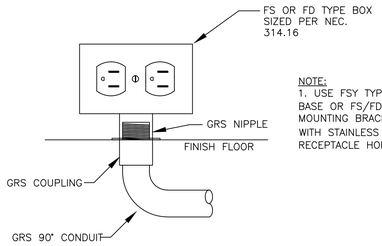
NO.	DESCRIPTION	DATE
1	ADDENDUM #1	2021-09-03
2	ADDENDUM #2	2021-09-10

E0.2

ELECTRICAL DETAILS

KEYED NOTES

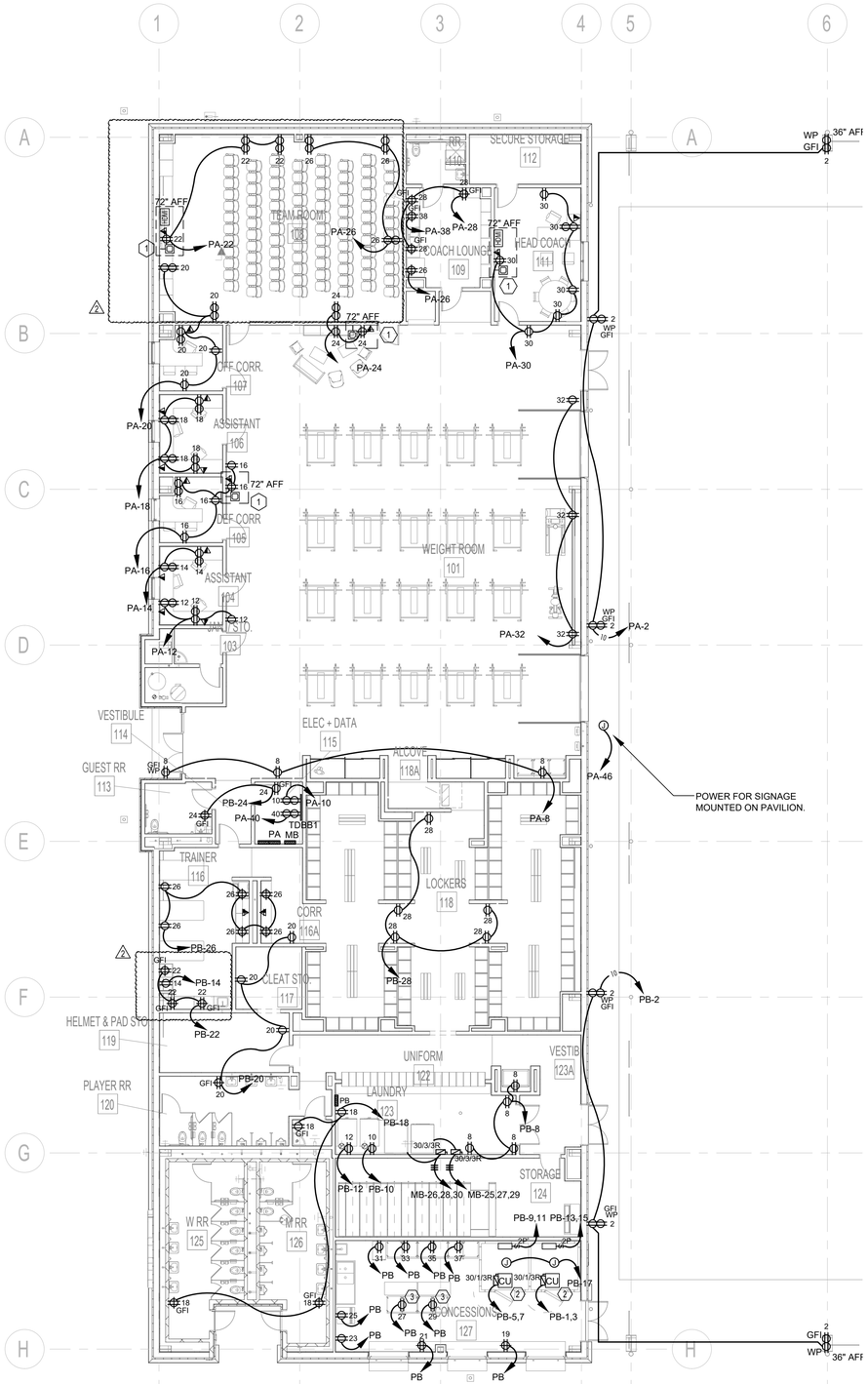
Mark	Description
1	PROVISIONS FOR TELEVISION. VERIFY MOUNTING HEIGHT AND EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN
2	VERIFY LOCATION OF FREEZER/COOLER CONDENSING UNITS PRIOR TO ROUGH-IN.
3	SEE DETAIL 2/2.1.



NOTE:
1. USE FSY TYPE CAST BOX WITH MOUNTING BASE OR FS/FD CAST BOXES WITH EXTERNAL MOUNTING BRACKETS SECURED TO THE FLOOR WITH STAINLESS STEEL "L" BRACKETS. MOUNT RECEPTACLE HORIZONTALLY

2 / E2.1 KITCHEN FLOOR RECEPTACLE ABOVE SLAB AND BELOW EQUIPMENT MOUNTING DETAIL

Scale: NONE



1 / E2.1 PARTIAL POWER PLAN - PART A

Scale: 3/32" = 1'- 0"

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PEARL, MS 39208

23 AUG 2021

CONSTRUCTION DOCUMENTS
WBA # 5820

REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM #1	2021-09-03
2	ADDENDUM #2	2021-09-10

E2.1

PARTIAL POWER PLAN - PART B