A D D E N D U M

Project No.: 2401111
Project: WCSC Milford Elementary

Addendum No: 2
Date: 03-03-2025

TO: ALL BIDDERS OF RECORD

ADDENDUM NO. 2, to Drawings and Specifications dated 02-14-2025, for the Renovation to Wawasee Middle School's Pool for the Wawasee Community School Corporation; as prepared by ELEVATUS Architecture, 111 E. Wayne Street, Suite 555, Fort Wayne, IN 46802

This ADDENDUM shall hereby be and become a part of the Contract Documents the same as if originally bound thereto.

The following clarifications, amendments, additions, revisions, changes, and modifications change the original Contract Documents only in the amount and to the extent hereinafter specified and set forth in this ADDENDUM.

Each Bidder shall acknowledge receipt of this ADDENDUM on the Bid Form.

PROJECT MANUAL:

ITEM NO. 1.01 - PROJECT MANUAL, 00 01 10, Table of Contents

A. Re-issue specification section in its entirety to included specifications changed below.

ITEM NO. 1.02 - PROJECT MANUAL,09 96 11, High Performance Coatings

A. Revised Section to remove all references to inmates and/or offenders.
B. Revised Article 3.5.A to remove reference to detention access panels.
C. Revised Article 3.9.B to include an equal primer from PPG Paints
D. Revised Article 3.9.C to remove requirement that paint system shall be spray applied only.
E. Revised Article 3.9.D to add Primer for exposed structure paint system.

ITEM NO. 1.03 - PROJECT MANUAL, Specifications Volume 1

A. Add Section 00 25 12 Prebid Meeting.

ITEM NO. 1.04 - PROJECT MANUAL, Specifications Volume 1

A. Replace Section 00 31 13 Preliminary Schedule with revised section included in this addendum.

ITEM NO. 1.05 - PROJECT MANUAL, 01 12 00, Bid Package 06a General Trades,

A. Delete scope in item 5 in Project Specific Scope.

ITEM NO. 1.06 - PROJECT MANUAL, Bid Package 13a Swimming Pool

A. Add to scope of bid package: "This bid package is responsible to furnish all labor and materials for a complete scoreboard system including all components for a complete timing system as denoted in the contract documents.

ITEM NO. 1.07 - PROJECT MANUAL, 01 12 00, Bid Package 06a General Trades

A. Add item 41 to Project Specific Scope, to read "This bid package is responsible for removal of existing bench seating in Bid Package 09h Paint and Coatings.

ITEM NO. 1.08 - PROJECT MANUAL, Bid Package 23a Mechanical

A. This bid package is to keep exhaust fan for existing Paddock System operational throughout demolition, see revised schedule.

ITEM NO. 1.09 - PROJECT MANUAL, Bid Package 26a Electrical

A. This bid package is to keep exhaust fan for existing Paddock system operational throughout demolition, see revised schedule.

DRAWINGS:

ITEM NO. 2.01 - DRAWING NO. AD101 Architectural Demolition Plans

A. Revision to Demolition note 1.01

B. Revision to extent of concrete demolition.

ITEM NO. 2.02 - DRAWING NO. AD101 Architectural Demolition Plans

A. Revision to number of 14K1 Splice Joists.

ITEM NO. 2.03 – Mechanical and Electrical Addendum

A. See supporting documentation.

Submitted By:

Samuel R. Schaust, AIA

ELEVATUS
ARCHITECTURE

cc: ☐ File: G:\002024\2401111 WCSC Pool Renovation\0800 Bidding\0810 Addenda\Addendum #2\2025-03-03_WCSC MS Pool Reno_Addendum #2_Write-up.docx
☐ Owner:
☐ Contractor:
☐ Consultant:
☐ Consultant:

SECTION 00 01 10 - TABLE OF CONTENTS

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09 30 13	Tiling	2/14/2025	100% CD's
09 51 13	Acoustical Panel Ceilings	2/14/2025	100% CD's
09 72 00	Acoustical Treatment	2/14/2025	100% CD's
09 96 11	High Performance Coatings	~~2/14/2025~~ 3/3/2025	~~100% CD's~~ Addendum #2
DIVISION 10	**SPECIALTIES**		
10 14 00	Identifying Devices	2/14/2025	100% CD's
DIVISION 11	**EQUIPMENT**		
11 32 00	Laundry Equipment	2/14/2025	100% CD's
DIVISION 12	**FURNISHINGS**		
12 61 00	Fixed Audience Seating	2/14/2025	100% CD's
DIVISION 13	**SPECIAL CONSTRUCTION**		
13 11 13	Pool General	2/14/2025	100% CD's
13 11 14	Pool Start-up Maintenance Operations Training	2/14/2025	100% CD's
13 11 20	Pool Pipe and Pipe Fittings	2/14/2025	100% CD's
13 11 23	Pool Pipe Supports	2/14/2025	100% CD's
13 11 24	Pool Valves	2/14/2025	100% CD's
13 11 35	Pool Ultraviolet Disinfection Equipment	2/14/2025	100% CD's
13 11 43	Pool Stainless Steel Gutters	2/14/2025	100% CD's
13 11 45	Pool Rail Goods	2/14/2025	100% CD's
13 11 46	Pool Equipment	2/14/2025	100% CD's
13 11 53	Pool Bulkheads	2/14/2025	100% CD's
DIVISION 21	**FIRE SUPPRESSION**		
21 01 00	Fire Suppression Common Requirements	2/14/2025	100% CD's
21 05 29	Hangers And Supports For Fire-suppression Piping And Equipment	2/14/2025	100% CD's
21 05 53	Identification For Fire-suppression Piping And Equipment	2/14/2025	100% CD's
21 13 13	Wet-pipe Sprinkler Systems	2/14/2025	100% CD's
DIVISION 22	**PLUMBING**		
22 01 00	Plumbing Common Requirements	2/14/2025	100% CD's
22 05 23.12	Ball Valves For Plumbing Piping	2/14/2025	100% CD's
22 05 23.14	Check Valves For Plumbing Piping	2/14/2025	100% CD's
22 05 29	Hangers And Supports For Plumbing Piping And Equipment	2/14/2025	100% CD's
22 05 53	Identification For Plumbing Piping And Equipment	2/14/2025	100% CD's
22 07 19	Plumbing Piping Insulation	2/14/2025	100% CD's
22 11 16	Domestic Water Piping	2/14/2025	100% CD's
22 11 19	Domestic Water Piping Specialties	2/14/2025	100% CD's
22 13 16	Sanitary Waste And Vent Piping	2/14/2025	100% CD's
22 13 19	Sanitary Waste Piping Specialties	2/14/2025	100% CD's

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END OF TOC

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SECTION 09 96 11 - HIGH PERFORMANCE COATINGS

PART 1 - GENERAL

1.1 SUMMARY/DESCRIPTION

A. Provide labor, materials, and equipment necessary for the high-performance coatings as scheduled on the Drawings and as specified herein for all surfaces ~~exposed to inmates offenders.~~

1. Painting Contractor shall be certified and trained by the paint manufacturer for the application of the industrial coating systems as specified herein. Submit written certification to the Architect for review prior to starting work.
2. Paint systems and coatings as specified for this project shall all be by the same manufacturer.

B. The term "paint" as used herein, includes enamels, paints, sealers, stains, fillers, emulsions, and other coatings, whether used as prime, intermediate, or finish coats.

C. The Architect shall not be limited in the number of colors selected for single space or for the complete Project.

D. Material surfaces to be painted include, but are not necessarily limited to, the following:

1. All interior concrete masonry units.
2. Exposed structure

E. References

1. American National Standards Institute (ANSI) - Performance Standards
2. Paint Decorating Contractors of America (PDCA) - Application Standard.
3. National Paint and Coatings Association (NPCA) - Gloss Standard.
4. American Society for Testing Materials (ASTM) - Testing Methods.
5. Ozone Transmission Commission (OTC) - Established levels of Volatile Organic Compounds.

F. Work Not Included in this Section

1. Shop or Factory Primed Surfaces: Shop priming of ferrous and galvanized metal items is included under the various Sections for structural steel, metal decking, miscellaneous metal items, hollow metal work, and similar items, and shop-fabricated or factory-built mechanical and electrical equipment and accessories.
2. Pre-Finished Items: Field finish does not include painting when factory-finishing is specified for items such as acoustical materials, finished mechanical and electrical equipment, including light fixtures and distribution cabinets. Field touch-up is required, however, in all cases where the factory finish is damaged.
3. Concealed Surfaces: Painting is not required on wall or ceiling surfaces in concealed areas and generally inaccessible areas, such as foundation spaces, furred areas, utility tunnels, pipe spaces, duct shafts, elevator shafts and behind the steel cells. Paint piping, equipment, and other such items within these areas as indicated.

1.2 SUBMITTALS

A. All high-performance coatings products and accessories specified in this Section shall be submitted as a single package as practible. Separate submittals for each system or product may not be acceptable.

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B. Do not submit MSDS or SDS sheets with product data submittal. Architect is not responsible for review of this information. Submittals that include MSDS or SDS data sheets will be returned as rejected.

C. Materials List: Prior to the start of Work and before paint materials are delivered to the job site, submit to the Architect a complete list of materials proposed and equivalent to specified painting schedule, to be provided under this portion of the Work.

1. This shall in no way be construed as permitting substitution of materials for those specified or approved for this Work by the Architect.

D. Color Chip Catalog: Paint manufacturer shall provide Architect with a complete current color chip catalog to select colors. (Large 8 x 10 samples may be requested for color selection). Manufacturers may fulfill this requirement by updating catalog that Architect may presently have in his possession. (Large drawdown samples will be required of each color after Architect selection).

E. Manufacturer's Recommendations: In each case where material proposed is not the material specified or specifically described as an acceptable manufacturer in this Section of these Specifications, submit for the Architect's review the current recommended method of application published by the manufacturer of the proposed material.

F. Product Data:

1. Submit a complete list of all materials proposed for use, together with manufacturers' product specifications for such products.
2. No claim by the Contractor concerning the unsuitability of any material specified, or the Contractor's inability to produce first class work with such materials, will be considered unless such claim is made in writing to the Architect before the work is started.
3. Product data shall be clearly labeled indicating the coating system it applies to.

G. Paint color selection draw-down samples shall be photographed in HD color and printed pictures shall also be submitted with the actual draw-down samples.

H. Submit written certification from the paint manufacturer that the applicator has been trained and certified in the application of industrial painting systems.

1.3 QUALITY ASSURANCE

A. Qualifications of Painters: Use only qualified experienced painters for the mixing and application of paint on surfaces ~~exposed to inmates~~; in the acceptance or rejection of installed painting, no allowance will be made for lack of skill on the part of painters.

B. Codes and Standards: In addition to complying with pertinent codes and regulations, comply with PDCA Standards P1 thru P24 in the PDCA Industry Standards, current edition.

C. Field Conditions: Apply coatings only when temperature of surfaces to be coated and ambient air temperatures are between 50 and 95 deg F.

D. Do not apply coatings when relative humidity exceeds 85 percent; at temperatures less than 5 deg F above the dew point; or to damp or wet surfaces.

1.4 PRODUCT HANDLING

A. Delivery: Deliver paint materials to the job site in their original unopened containers with labels intact and legible at time of use.

B. Protection

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1. Store only the approved materials at the job site and store only in a suitable and designated area restricted to the storage of paint materials and related equipment.
2. Use means necessary to ensure the safe storage and use of paint materials and the prompt and safe disposal of waste.
3. Use means necessary to protect paint materials before, during, and after application and to protect the installed work and materials of other trades.

C. Store materials not in use in tightly covered containers in well-ventilated areas with ambient temperatures continuously maintained at not less than 45 deg F., warmer temperatures as manufacturer may require.

1.5 EXTRA STOCK

A. Upon completion of this portion of the Work, deliver to the Owner an extra stock of paint consisting of one gallon of each color used in each coating material used, with such extra stock tightly sealed in clearly labeled containers.

1.6 ENVIRONMENTAL REQUIREMENTS

A. Painting manufacturers and Contractor shall conform to State and local V.O.C. (Volatile Organic Compound) Regulations in area where Project is located. Notify Architect in writing if variations to Specifications herein are required.

1.7 PROJECT CONDITIONS

A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits. Coordinate with general contractor or CM.

1.8 WARRANTY

A. All coatings ~~exposed to inmates offenders~~ shall be provided with a five (5) year warranty from the paint manufacturer and a two (2) year installer's warranty.

B. At project closeout, provide to the Owner or owner's representative an executed copy of the Manufacturer's standard form outlining the terms and conditions of and any exclusions to their Limited Warranty against Manufacturing Defect.

1.9 PREINSTALLATION CONFERENCE

A. Conduct a mandatory preinstallation conference for high performance coatings at least 14 days prior to starting painting work to review materials, installation procedures, schedules, and other requirements. Architect shall be present.

1.10 COMMISSIONING

A. Closeout Submittals: Submit final copies of manufacturer's warranties for each specified product.

B. Corrections: Architect, in concert with the Owner, shall be the sole judge of defective work and the level of acceptability. Depending upon the gloss and texture of a particular surface, it may be necessary for the entire surface (wall exposure, ceiling, steel railings, etc.) to be recoated to meet acceptability standards.

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C. Contractor's Statement of Compliance: High performance coatings contractor shall provide certification that the specified materials have been installed in the required number of coats, and that they were applied to the minimum coating thicknesses in accordance with Contract Documents and manufacturer's written instructions.

PART 2 - PRODUCTS

2.1 PAINTING MATERIALS MANUFACTURER

A. Painting materials shall be the products of one of the following manufacturers, specified as the type, function, and quality of products to be provided. All painting products shall be by a single manufacturer.

B. Products of the following manufacturers are acceptable, providing their products are equal in every respect, or exceed the quality specified.

1. Sherwin Williams, Cleveland, OH
2. Tnemec Company, Inc., Kansas City, MO
3. PPG Paints, Louisville, KY

2.2 COMPATIBILITY

A. Paint materials selected for coating systems for each type of surface shall be the product of a single manufacturer.

B. Paint materials and equipment shall be compatible in use; finish coats shall be compatible with prime coats; prime coats shall be compatible with the surface to be coated; tools and equipment shall be compatible with the coating to be applied.

C. Thinners, when used, shall be only those thinners recommended for that purpose by the manufacturer of the material to be thinned.

2.3 ACCEPTANCE OF SPECIFICATIONS

A. By submitting a bid, the painting contractor acknowledges that the types of paints and the number of coats, all as specified, are sufficient for the project. If the painting contractor or bidder has objections to or other suggestions, they shall be submitted in writing to the Architect at least 10 days prior to bid due date with all product data so additional paint types, etc. can be issued by addendum to all bidders, if approved by the Architect.

PART 3 - EXECUTION

3.1 INSPECTION

A. Applicator must examine areas and conditions under which painting work is to be applied and notify the Architect in writing of conditions detrimental to proper and timely completion of work. Do not proceed with work until unsatisfactory conditions have been corrected in a manner acceptable to Applicator.

B. Starting of painting work will be constructed as Applicator's acceptance of surfaces and conditions within any particular area.

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C. Do not paint over dirt, rust, scale, grease, moisture, scuffed surfaces, or conditions otherwise detrimental to formation of a durable paint surface.

D. Measure moisture content of surfaces using an electronic moisture meter. Do not apply finishes unless moisture content of surfaces are below the maximums as recommended, for the types of coatings to be used, by the manufacturer.

E. Where existing walls are scheduled to be re-painted, provide the following examination and test samples:

1. Carefully examine the existing paint systems scheduled to be re-painted.
2. Provide a minimum of fifteen (15) cross hatch or “X” cut tape tests throughout the surfaces scheduled to be re-painted. Provide this test or other tests as recommended by the painting manufacturer to check existing paint adhesion.
3. 30 to 45 days prior to starting painting work, provide spot test samples. The surface preparation to be used and paint or coatings shall be applied to various surfaces and substrates throughout the existing facility where areas are scheduled to be re-painted. After 30 days or longer, the samples shall be tested for adhesion.

3.2 SPECIFIC EXISTING SURFACE PREPARATION

A. Assess the Surface: Inspect for any imperfections, such as cracks, holes, or peeling paint.

B. Clean the Surface: Remove dirt, grease, mildew, and other contaminants using appropriate cleaners2.

C. Remove Old Paint: Scrape off loose or peeling paint. For stubborn areas, sanding might be necessary2.

D. Repair Surface Imperfections: Use fillers to patch holes and cracks. Allow them to dry and then sand smooth3.

E. Sand the Surface: Sanding helps to smooth out the surface and create a better profile for the new paint to adhere to1.

F. Prime the Surface: Apply a primer to ensure better adhesion of the paint and to cover any stains or color variations. Refer to the paint system specifications herein.

3.3 SURFACE PREPARATION (Existing and New Surfaces)

A. General

1. Perform preparation and cleaning procedures in accordance with paint manufacturer's instructions, and as herein specified, for each particular substrate condition.
2. Remove hardware, hardware accessories, machined surfaces, plates, lighting fixtures, and similar items in place and not to be finish painted or provide surface applied protection prior to surface preparation and painting operations; remove, if necessary, for complete painting of items and adjacent surfaces. Following completion of painting of each space or area, reinstall removed items.
3. Clean surfaces to be painted before applying paint or surface treatments. Remove oil and grease prior to mechanical cleaning. Program cleaning and painting so that contaminates from cleaning process will not fall onto wet, newly painted surfaces.

B. Cementitious Materials

1. Prepare cementitious surfaces of concrete, concrete block, and cement plaster to be painted by removing efflorescence, chalk, dirt, grease, oils, and by roughening as required to remove glaze.

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2. Determine alkalinity and moisture content of surfaces to be painted by performing appropriate tests. If surfaces are found to be sufficiently alkaline to cause blistering and burning of finish paint, correct this condition before application of paint. Do not paint over surfaces where moisture content exceeds that permitted in manufacturer's printed directions.

C. Ferrous Metals

1. Clean ferrous surfaces, which are not galvanized or shop coated, of oil, grease, dirt, loose mill scale, and other foreign substances by solvent or mechanical cleaning.
2. Touch-up shop applied prime coats wherever damaged or bare, where required by other Sections or these Specifications. Clean and touch-up with same type shop primer.

D. Galvanized Surfaces

E. Clean free of oil and surface contaminates with non-petroleum-based solvent.

3.4 MATERIALS PREPARATION

A. Mix and prepare painting materials in accordance with manufacturer's direction.

B. Store materials not in actual use in tightly covered containers. Maintain containers used in storage, mixing, and application of paint in a clean condition, free of foreign materials and residue.

C. Stir materials before application to produce a mixture of uniform density and stir as required during application. Do not stir surface film into material. Remove film and, if necessary, strain material before using.

3.5 APPLICATION

A. General: Apply paint in accordance with manufacturer's directions. Use applicators and techniques best suited for substrate and type of material being applied.

1. ~~Paint back sides of detention access panels and removable or hinged covers to match exposed surfaces~~.
2. Finish exterior doors on tops, bottoms, and side edges same as exterior faces unless otherwise indicated.
3. Omit first coat (primer) on metal surfaces which have been shop primed and touch-up painted, unless otherwise indicated.
4. Obtain approval of coating manufacturer with pre-primed surfaces. Verify compatibility.

B. Scheduling Painting: Apply first coat material to surfaces that have been cleaned, pretreated, or otherwise prepared for painting as soon as practicable after preparation and before subsequent surface deterioration.

1. Allow sufficient time between successive coatings to permit proper drying. Do not recoat until paint has dried to where it feels firm, does not deform or feel sticky under moderate thumb pressure and application of another coat of paint does not cause lifting or loss of adhesion of the undercoat.
2. Slightly vary the color of succeeding coats.

C. Minimum Coating Thickness: Apply materials at not less than manufacturer's recommended spreading rate and as specified herein, to establish a total dry film thickness as indicated or, if not indicated, as recommended by the coating manufacturer.

D. Prime Coats: Apply prime coat of material which is required to be painted or finished and which has not been prime coated by others. Primer may not be required on shop-primed items, coordinate with manufacturer and verify compatibility with shop primed items and second and third coats as specified.

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1. Re-coat primed and sealed surfaces where there is evidence of suction spots or unsealed areas in first coat, to assure a finish coat with no burn through or other defects due to insufficient sealing.
2. Coordinate shop-primed surfaces and materials with primers as specified herein. Verify compatibility and submit verification letters to the Architect with the shop drawing submittals.
3. If compatibility is not obtained or approved by the painting manufacturer or the primer manufacturer, then this painting contractor shall properly prepare substrate surfaces to receive primers as specified herein.

E. Pigmented (Opaque), Finishes: Completely cover to provide an opaque, smooth surface of uniform finish, color, appearance, and coverage. Cloudiness, spotting, holidays, laps, brush marks, runs, sags, ropiness, or other surface imperfections will not be acceptable.

F. Completed Work: Match approved samples for color, texture, and coverage. Remove, refinish, or repaint work not in compliance with specified requirements.

3.6 FIELD QUALITY CONTROL

A. The right is reserved by Owner/Architect to invoke the following material testing procedure when and as often as he deems necessary during the period of field painting.

1. Engage services of an independent testing laboratory to sample paint being used. Samples of materials delivered to project site will be taken, identified, and sealed, and certified in presence of Contractor.
2. Testing laboratory will perform appropriate test for one or each of the following characteristics: Abrasion resistance, apparent reflectivity, flexibility, washability, absorption, accelerated weathering, dry opacity, accelerated yellowness, re- coating, skinning, color retention, alkali resistance, and quantitative materials analysis.

B. If test results show that material being used does not comply with specified requirements, Contractor may be directed to stop painting work, and remove non-complying paint; pay for testing; repaint surface coated with rejected paint; remove rejected paint from previously painted surfaces if, upon repainting with specified paint, the 2 coatings are non- compatible.

3.7 CLEAN-UP AND PROTECTION

A. Clean-Up: During progress of Work remove from site discarded paint materials, rubbish, cans, and rags at end of each workday.

B. Upon completion of painting work clean window glass and other paint- spattered surfaces. Remove spattered paint by proper methods of washing and scraping, using care not to scratch or otherwise damage finished surfaces.

C. Protection: Protect work of other trades, whether to be painted or not, against damage by painting and finishing work. Correct damage by cleaning, repairing or replacing and repainting, as acceptable to Architect.

D. Provide "Wet Paint" signs as required to protect newly painted finishes. Remove temporary protective wrappings provided by others for protection of their work, after completion of painting operations.

E. At the completion of Work of other trades, touch-up and restore damaged or defaced painted surfaces.

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3.8 PAINT TYPES AND NUMBER OF COATS

A. The following painting schedules are intended to identify the type of finishes which are required for the various surfaces, and to identify the surfaces to which each finish is to be applied. Refer to Finish Schedule.

B. To define requirements for quality, function, size, gages, textures, and color, the following list of materials designates the manufacturer's brand, types, and number of coats required; and other requirements that are to be furnished to conform to the requirements of this Project.

C. Where specific finishes are called for on the Drawings and in the Finish Schedule by code designation, it shall specifically refer to the following identified types of coatings.

D. The primer indicated under Material Identification is intended for the particular substrate surface specified. Where the same numbered finish is scheduled, but for another substrate, provide the proper primer compatible with substrate and the finish.

E. Where the substrate has a compatible and satisfactory prime coat already on it, the prime coat specified for the numbered finish may be omitted. Test prime coat for compatibility before applying additional coats. Obtain paint manufacturers written approval.

F. Abbreviation Definitions:

1. SW = Sherwin Williams
2. TNEC = Tnemec
3. PPG = PPG Industries

3.9 INTERIOR PAINTING SCHEDULE

A. Provide the following **interior paint systems** for substrates indicated:

B. **Concrete Masonry Units**: Provide the following finish systems over interior concrete masonry block units ~~exposed to inmates offenders~~:

1. Waterborne Acrylic Epoxy Coating:

a. **Filler Coat:** Waterborne cementitious acrylic concrete masonry block filler.

1) SW: Cement-Plex 875
2) TNEC: Envirofill Series 130
~~2)~~3) PPG: Pitt-Flex 400

a) Cementitious filler coat shall be back rolled and squeegeed. Prior to application of second and third coats, verify that all CMU surfaces are **PINHOLE FREE.**

b. **Second and Third Coats: Gloss** finish, high - performance, acrylic epoxy, water-based coating.

1) SW: Pro Industrial Water Based Catalyzed Epoxy B73-300 Series
2) TNEC: H.B. Tneme-Tufcoat Series 113
3) PPG: Amerlock 2

c. Spreading Rate: 6.0 DFT mils per coat, min.

d. Surfaces: Exposed CMU walls

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C. **Ferrous Metal**: Provide the following finish systems over interior exposed ferrous metal ~~exposed to inmates offenders~~. Primer may not be required on shop-primed items if coordinated with paint manufacturer to verify compatibility with shop primed items, and second and third coats as specified below. If compatibility is not ascertained during the bidding period, Contractor shall provide primer and preparation as specified herein.

1. High-Build Acrylic Polyurethane Enamel:

a. **Primer:** Metal primer applied at spreading rate (minimum) as recommended by the manufacturer.

1) SW: Macropoxy 646
2) TNEC: Uni-Bond Series 115
3) PPG: Amerlock 600

b. **Second Coat:** **Epoxy** intermediate coat applied at spreading rate recommended by the manufacturer.

1) SW: Macropoxy 646
2) TNEC: Series 66 Hi-Build Expoxoline
3) PPG: Amerlock 600

c. **Third Coat:** **Semi-gloss**, acrylic polyurethane enamel applied at spreading rate recommended by the manufacturer.

1) SW: Hi-Solids Polyurethane 250
2) TNEC: Series 1075 Endura-Shield
3) PPG: Pitthane HB S/G 95-8800

d. Surfaces: Steel doors and frames and all other miscellaneous exposed steel items as may be required and exposed to view, whether or not shown on the Drawings.

~~e. This painting system shall be applied by spray application only. Contractor shall provide all necessary masking and protection of adjacent surfaces to accomplish this spray application procedure.~~

D. **Exposed Structure:** Provide the following finish system over interior ferrous metal where scheduled at exposed structure:

1. Waterborne Acrylic Dryfall:

a. Primer:
1) SW: Pro Industrial Pro-Cryl
2) TNEC Series 27 F.C. Typoxy
3) PPG Pitt-Tech Plus

~~a.~~b. **First and Second Coats: Flat,** waterborne acrylic dryfall applied at spreading rate as recommended by the manufacturer:

1) SW: Pro Industrial Waterborne Acrylic Dryfall
2) TNEC: Series V115 Uni-Bond DF
3) PPG: Speedhide 6-724

(If a primer or surface preparation is required on the new galvanized steel deck, then that cost shall be included in the bid proposal).

2. Surfaces: Exposed structure where scheduled to be painted.
3. Note: When the manufacturing of paint supplied does not require or recommend a primer, and a single coat will provide required coverage, approval from the Architect must be obtained to delete second coat; and a credit shall be due the Owner.

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END OF SECTION

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00 25 13 Prebid Meetings

Wawasee Middle School Pool Renovations
Location: 9850 IN-13, Syracuse, IN
When: 11:00 a.m.

PRE CONSTRUCTION TEAM

- Michael Kinder and Sons, Inc.
- Elevatus Architecture
- Primary Engineering
- Water Technology Inc.

HIGH LEVEL OVERVIEW

- Project has 6 bid packages – Can be found in Div 01 – Section 01 12 00 Summary of Multiple Contracts
- Scope of Work
    - Renovations to the pool & pool equipment
    - Replace dehumidification unit
    - Replace ceramic tile on the pool deck

DRAWINGS & SPECIFICATIONS

- 1 set of drawings
- 2 volumes of specifications
- Addenda will be distributed as needed.

ALTERNATES

1. Replace ceramic tile in the seating area
2. Replace pool seating
3. Credit Perf & Payment Bond

SAFETY

- Project site is kept clean and organized throughout the duration of the project.
- MKS safety director will conduct routine site visits.

BIDS DUE AT 2 P.M.
WHEN MARCH 5, 2025
WHERE WCSC ADMIN OFFICE, 801 S SYCAMORE STREET, SYRACUSE, IN

INCLUDE WITH BID

- See Section 00 41 13 for all forms required
- State Bid Form 96
- Financial Statement
- Project is IN sales tax exempt.
- 5% Bid Bond included on AIA Form 310 or Certified check payable to owner
- Allowance Included in Bid Package
- Performance and Payment Bond included in Base Bid

QUESTIONS AND CLARIFICATIONS

- SEND TO leasterday@kinderandsons.com
- WHEN SUBMITTING QUESTIONS, BE SURE TO INDICATE SPECIFIC DRAWING, SPECIFICATION SECTION, ETC. WITH YOUR QUESTION.

ADDENDA/RFI

ADDENDUM #1 – WILL BE ISSUED 02/26

ADDENDUM #2 – WILL BE ISSUED 03/03

WALK THROUGH OF EXISTING – AFTER THIS MEETING

Meeting Minutes:
No questions were asked. Pictures I took above the ceiling grid will be available in the Bid Documents folder on Procore.

THANK YOU

MKS
MICHAEL KINDER & SONS
PLAN | DESIGN | BUILD

Wawasee Middle School – Pool Renovations
DATE: 02/26/2025
TIME: 11:00 am
LOCATION: Wawasee MS

NAME	COMPANY	EMAIL
Larry Easterday	MKS	leasterday@kinderandsons.com
David Michael	MKS	dmichael@kinderandsons.com
Jason Van Kampen	Hanna	
MARK RAGER	DILLING	mrager@dillinggroup.com
CULLAN MAGNUSON	PRIMARY ENGINEERING	
Carlos Reive	Grubin POW	
Gren Hicks	Gibson Lewis	ghicks@gl.mccusa.com
SAM SCHAUST	ELEVATUS	
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Tim Popielski	Core Mechanical	Tim@core-m-s.com
Dr Steve Troyer	WCSC	
Dr Brandon Penrod	WCSC	
Mike Payton	WCSC	

END OF SECTION

SECTION 00 31 13 PRELIMINARY SCHEDULE

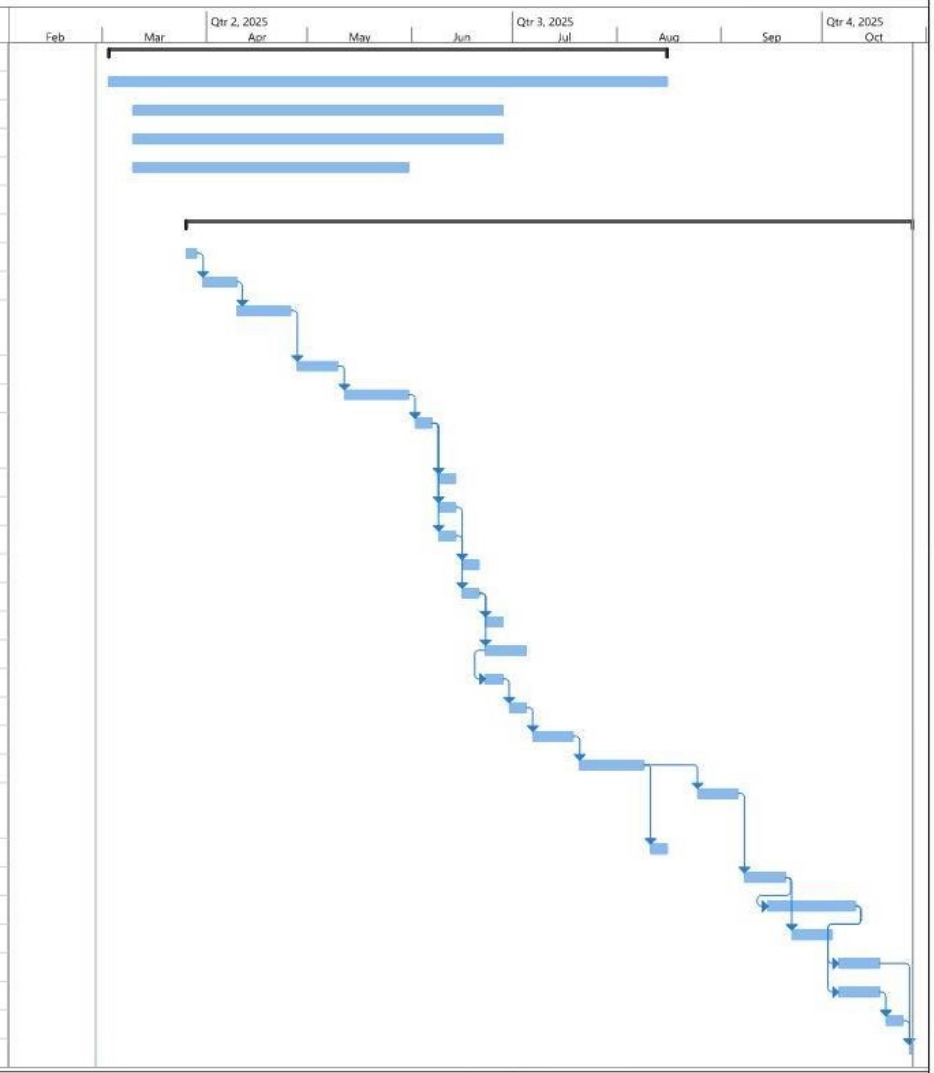
PART 1 - Next Page REVISED FOR ADDENDUM 2

MKS
MICHAEL KINDER & SONS

WAWASEE MS POOL UPGRADES
OVERALL SCHEDULE DRAFT

2/27/25

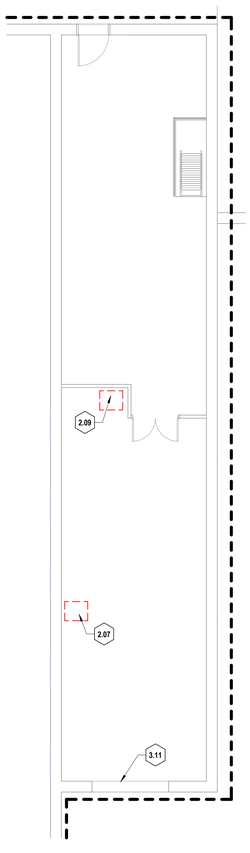
ID	Task Mode	Task Name	% Complete	Duration	Start	Finish
1		**PROCUREMENTS**	**0%**	**120 days**	**Mon 3/3/25**	**Fri 8/15/25**
2		AHU-1	0%	120 days	Mon 3/3/25	Fri 8/15/25
3		STAINLESS GUTTER	0%	80 days	Mon 3/10/25	Fri 6/27/25
4		BULKHEAD	0%	80 days	Mon 3/10/25	Fri 6/27/25
5		LIGHT FIXTURES	0%	60 days	Mon 3/10/25	Fri 5/30/25
6						
7		**CONSTRUCTION**	**0%**	**154 days**	**Wed 3/26/25**	**Mon 10/27/25**
8		Drain Pool	0%	3 days	Wed 3/26/25	Fri 3/28/25
9		Scaffold Over Pool	0%	8 days	Mon 3/31/25	Wed 4/9/25
10		Demo Ceiling / Lights / Ductwork	0%	12 days	Thu 4/10/25	Fri 4/25/25
11		Paint Prep	0%	10 days	Mon 4/28/25	Fri 5/9/25
12		New MEPFP Overhead Rough	0%	15 days	Mon 5/12/25	Fri 5/30/25
13		Paint Structure / Walls down to scaffold	0%	5 days	Mon 6/2/25	Fri 6/6/25
14		Light Fixture Install	0%	5 days	Mon 6/9/25	Fri 6/13/25
15		Duct Sox Install	0%	5 days	Mon 6/9/25	Fri 6/13/25
16		Acoustic Baffle Install	0%	5 days	Mon 6/9/25	Fri 6/13/25
17		Overhead Punch	0%	5 days	Mon 6/16/25	Fri 6/20/25
18		Scaffold Removal	0%	5 days	Mon 6/16/25	Fri 6/20/25
19		Demo Pool Deck Tile	0%	5 days	Mon 6/23/25	Fri 6/27/25
20		Selective Demo Pool Deck Slab	0%	10 days	Mon 6/23/25	Fri 7/4/25
21		Scaffold Deep end in pool	0%	5 days	Mon 6/23/25	Fri 6/27/25
22		Demo Existing Coping	0%	5 days	Mon 6/30/25	Fri 7/4/25
23		Sawcut & Demo Pool Wall	0%	10 days	Mon 7/7/25	Fri 7/18/25
24		Set Gutter	0%	15 days	Mon 7/21/25	Fri 8/8/25
25		Underground Duct / Gutter tie-ins	0%	10 days	Mon 8/25/25	Fri 9/5/25
26		Re-pour for gutter	0%	5 days	Mon 8/11/25	Fri 8/15/25
27		Re-pour Slab	0%	10 days	Mon 9/8/25	Fri 9/19/25
28		New deck tile	0%	20 days	Mon 9/15/25	Fri 10/10/25
29		Paint Walls / Doors / Frames	0%	10 days	Mon 9/22/25	Fri 10/3/25
30		Clean-up / Punch	0%	10 days	Mon 10/6/25	Fri 10/17/25
31		Mechanical start-up / balance	0%	10 days	Mon 10/6/25	Fri 10/17/25
32		Fill Pool	0%	5 days	Mon 10/20/25	Fri 10/24/25
33		Turnover	0%	1 day	Mon 10/27/25	Mon 10/27/25



Project: Wawasee MS Pool Upgra
Date: Thu 2/27/25

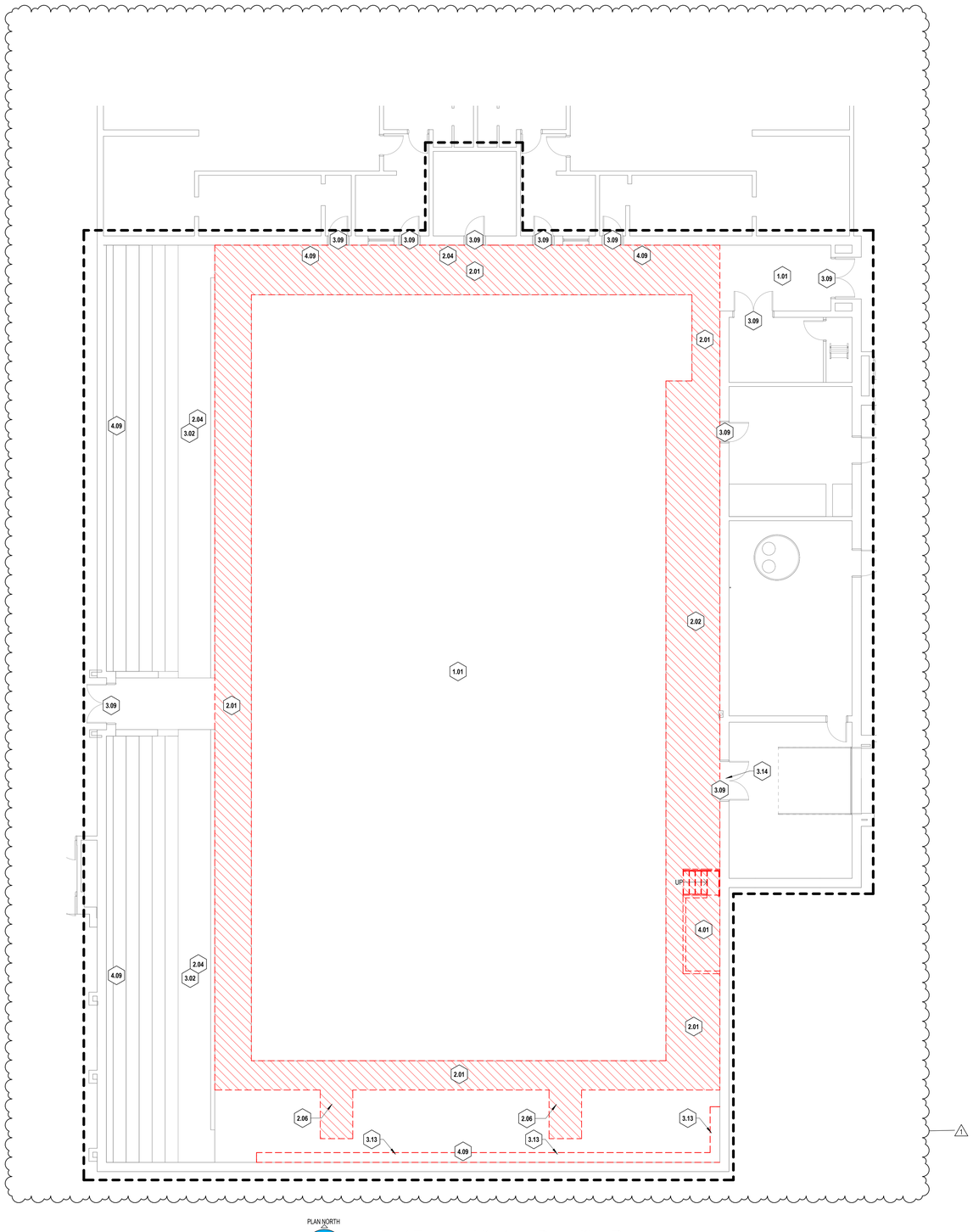
Task | Split | Milestone | Summary | Project Summary | Manual Task | Manual Summary Rollup | Manual Summary | Progress | Manual Progress

END OF SECTION 00 31 13



PLAN NORTH

3 Mezzanine Demolition Plan
1/8" = 1'-0"



PLAN NORTH

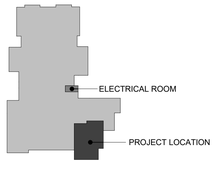
1 First Floor Architectural Demolition Plan
1/8" = 1'-0"

DEMOLITION GENERAL NOTES

1. DEMOLITION PLANS SHALL SERVE TO AID IN EVALUATION OF THE WORK AND EXTENT OF DEMOLITION BUT SHALL NOT BE HELD TO BE ALL INCLUSIVE. FIELD VERIFY EXISTING CONDITIONS, DEMOLITION AND REMOVALS AS REQUIRED FOR INSTALLATION OF THE NEW WORK AND FINISHES INDICATED WHETHER OR NOT SPECIFICALLY NOTED IN THESE DRAWINGS.
2. SCHEDULE DEMOLITION WORK EFFECTING OCCUPIED AREAS OF THE FACILITY IN ADVANCE WITH THE OWNER THROUGH CONSTRUCTION/PROJECT MANAGER. REFER TO SPECIFICATIONS.
3. FINISH REMOVAL NOTES APPLY TO PARTITIONS/WALLS THAT REMAIN. REMOVE ALL FINISHES FROM WALLS THAT REMAIN WITHIN THE LIMIT OF CONSTRUCTION, UNLESS NOTED OTHERWISE.
4. REMOVE INTERIOR WALLS/PARTITIONS ENTIRELY FROM DECK ABOVE TO DECK BELOW.
5. WHERE WALLS, PARTITIONS, FLOORING, ACCESSORIES OR OTHER TYPES OF CONSTRUCTION ARE REMOVED, PATCH AND REPAIR ADJACENT AREAS AS REQUIRED TO RECEIVE NEW CONSTRUCTION OR FINISHES AND TO MATCH ADJACENT SURFACES. MAINTAIN ALL EXISTING AND REQUIRED FIRE RATED CONSTRUCTION THROUGHOUT.
6. WHERE NEW FLOOR FINISHES ARE SCHEDULED OR INDICATED, REMOVE ALL EXISTING FLOOR FINISHES AND PREPARE & CLEAN SLAB TO RECEIVE NEW FLOOR FINISHES IN ACCORDANCE WITH THE NEW FLOOR FINISH MANUFACTURERS' WRITTEN RECOMMENDATIONS UNLESS NOTED OTHERWISE. PROPER PREPARATION OF EXISTING SURFACES SHALL INCLUDE, BUT NOT BE LIMITED TO, REMOVAL OF ACCUMULATED ADHESIVES & MASTICS, FILLING AND REPAIR OF CRACKS & VOIDS, SURFACE RESTORATION, THOROUGH CLEANING, ETC. & OTHER PROCEDURES AS MAY BE RECOMMENDED BY MANUFACTURER OF NEW FLOORING.
7. UNLESS NOTED OTHERWISE, REMOVE ALL EXISTING ACCESSORIES & HARDWARE. PATCH & REPAIR ALL SURFACES TO RECEIVE NEW FINISHES.
8. OFFER REMOVED ITEMS SUCH AS DOORS, HARDWARE, PLUMBING FIXTURES AND TOILET ACCESSORIES TO OWNER BEFORE REMOVAL FROM THE SITE. DETERMINE SALVAGE ITEMS WITH THE OWNER BEFORE DEMOLITION BEGINS. ALL ITEMS NOT DESIRED BY OWNER SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE LEGALLY DISPOSED OF OFF SITE.
9. PROTECT ALL ITEMS TO REMAIN AND REPAIR/REPLACE ANY DAMAGED ITEMS OR CONSTRUCTION.
10. REPLACE FIREPROOFING OF STRUCTURAL MEMBERS DISPLACED DURING DEMOLITION AND CONSTRUCTION.
11. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE WORK WITH OTHER TRADES.
12. CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AS NECESSARY TO COMPLETE THE WORK.
13. ALL TRADES ARE RESPONSIBLE FOR SECURING CHASES AND RISERS BEFORE DEMOLITION WORK PROCEEDS TO PREVENT DEBRIS FROM FALLING THROUGH INTO SPACES BELOW.
14. CAP AND REROUTE EXISTING UTILITY SERVICES LOCATED IN WALLS, CEILINGS, OR FLOORS TO BE REMOVED. AS REQUIRED FOR NEW CONDITIONS AND IN ACCORDANCE WITH APPLICABLE CODES. SEE ENGINEERING DRAWINGS FOR ADDITIONAL INFORMATION.
15. HOLES LEFT IN CONCRETE FLOORS FROM REMOVED ITEMS SUCH AS PLUMBING PIPES, CONDUITS, ETC. SHALL BE PATCHED BY GENERAL CONTRACTOR.
16. REFER TO ENGINEERING DRAWINGS FOR RELATED WORK AND ITEMS TO BE REMOVED OR RE-INSTALLED IN NEW CONSTRUCTION. COORDINATE TEMPORARY LIGHTING, COMMUNICATION AND MECHANICAL SYSTEMS WITH OTHER TRADES. MAINTAIN ALL LIFE SAFETY DEVICES.
17. REMOVE ABANDONED UTILITY SERVICES, SUCH AS ELECTRICAL, PLUMBING, GAS LINES, AND MECHANICAL DUCTWORK, DISCOVERED AND NOT SCHEDULED FOR REUSE BACK TO THEIR SOURCE (INCLUDING ALL HANGARS, STRAPS, WIRES, ETC.). MAINTAIN ANY SYSTEM SERVICING ADJACENT BUILDING AREAS THAT ARE NOT INCLUDED IN THE CONTRACT; REROUTE AS REQUIRED. SEE ENGINEERING DRAWINGS FOR ADDITIONAL INFORMATION.
18. PROVIDE ALL NECESSARY DEMOLITION OF EXISTING CONSTRUCTION FOR NEW UTILITY SERVICES AS REQUIRED.
19. COORDINATE LOCATION AND SIZE OF ALL REQUIRED OPENINGS IN EXISTING FLOOR SYSTEM BETWEEN ARCHITECTURAL FLOOR PLAN AND ENGINEERING DRAWINGS.

1.01 DEMOLITION PLAN NOTES

V	DESCRIPTION
CEILING DEMOLITION	
1.01	REMOVE ACOUSTICAL LAY-IN CEILING SYSTEM: PANELS,GRID AND ALL RELATED HANGERS AND SUPPORTS. SALVAGE PANELS AND GIVE TO OWNER.
FLOORING DEMOLITION	
2.01	DEMOLISH CONCRETE SLAB AS REQUIRED FOR REMOVAL OF EXISTING TRENCH DRAIN. SEE PLUBMING DOCUMENT FOR ADDITIONAL INFORMATION.
2.02	DEMOLISH CONCRETE SLAB AS REQUIRED FOR INSTALLATION OF NEW UNDERGROUND DUCTWORK. SEE MECHANICAL DOCUMENTS FOR ADDITIONAL INFORMATION.
2.04	REMOVE BED-SET CERAMIC TILE FLOORING. CLEAN/PREP SUBFLOOR TO ACCEPT NEW FLOORING AS SCHEDULED.
2.06	DEMOLISH EXISTING CONCRETE SLAB AS REQUIRED FOR NEW DIVING BOARDS. SEE POOL DRAWINGS FOR MORE INFORMATION.
2.07	DEMOLISH MEZZANINE CONCRETE SLAB AND METAL DECK AS REQUIRED FOR INSTALLATION OF NEW DUCTWORK. SEE MECHANICAL DOCUMENTS FOR ADDITIONAL INFORMATION.
2.09	REMOVE EXISTING EXHAUST LOUVER (SEE MECHANICAL FOR MORE INFORMATION) AND MODIFY EXISTING ROOF OPENING AS REQUIRED TO RECEIVE NEW ROOF HATCH AND LADDER.
PARTITION DEMOLITION	
3.02	REMOVE CERAMIC TILE WALL BASE. PATCH/REPAIR WALL SURFACE TO ACCEPT NEW FINISHES AS SCHEDULED.
3.09	DOOR(S) AND FRAME TO REMAIN. PREP/REPAIR AS NEEDED FOR PAINT. REPAIR/REPLACE DAMAGED COMPONENTS AT CONCLUSION OF THE WORK.
3.11	REMOVE PREVIOUSLY INFILLED PORTION OF WALL IN ITS ENTIRETY. PREP OPENING AS REQUIRED TO RECEIVE NEW CONSTRUCTION
3.13	REMOVE CERAMIC TILE ON ALL SURFACES OF BENCH AND DEMOLISH CONCRETE BENCH AND BASE IN ITS ENTIRETY. PATCH/REPAIR ALL FLOOR AND WALL SURFACES TO ACCEPT NEW FINISHES AS SCHEDULED.
3.14	DEMOLISH PORTION OF FOUNDATION AS REQUIRED FOR NEW DUCTWORK PENETRATION. DO NOT PENETRATE FOOTING AND ENSURE PENETRATION IS UNDER DOOR OPENING. SEE MECHANICAL FOR MORE INFORMATION.
FIXTURE DEMOLITION	
4.01	REMOVE PRE-FABRICATED SCORERS TABLE. OFFER TO OWNER BEFORE DISPOSING.
4.09	REMOVE BRANDING/SIGNAGE AND RELATED HANGERS. OFFER TO OWNER BEFORE DISPOSING. PATCH/REPAIR WALL SURFACE TO ACCEPT NEW FINISHES AS SCHEDULED.



PLAN NORTH

Key Plan
Not To Scale

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111 E. Wayne Street, Suite 555, Fort Wayne, IN 46802
260 424-9080 ElevatusArchitecture.com

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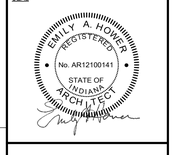
SEAL



Wawasee Middle School Pool Renovations

9850 IN-13
Syracuse, IN 46567

REVISIONS

NO.	DESCRIPTION	DATE
1	Addendum #2	03-03-2025

PROJECT NO. 2401111
ISSUE DATE 2/14/2025
SUBMITTAL
Issue for Bids, Permits, and Construction

Architectural Demolition Plans

AD101

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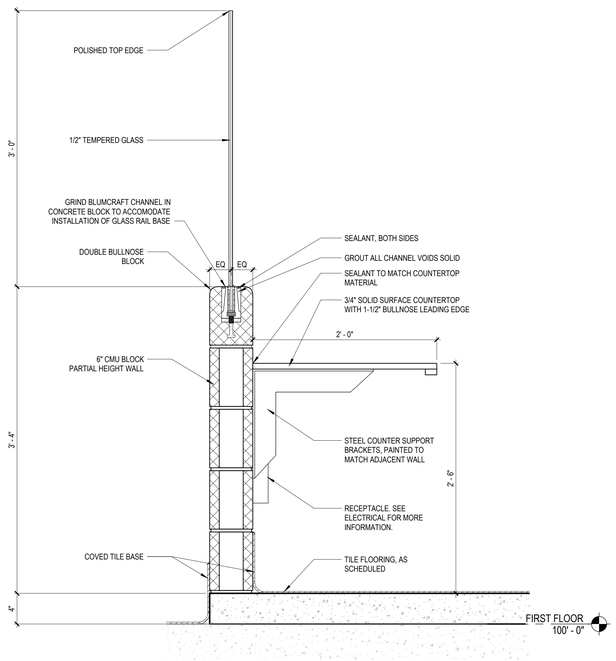
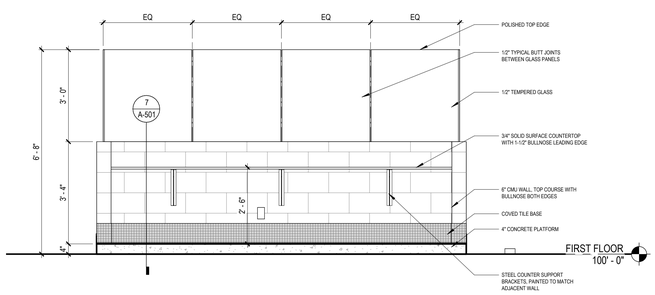
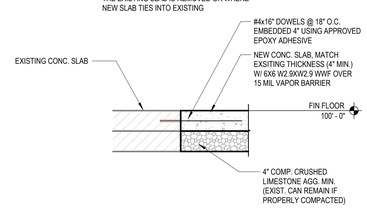


7 Scorer's Table Detail
1 1/2" = 1'-0"



6 Scorer's Table Elevation
1/2" = 1'-0"

USE THIS DETAIL AT ALL LOCATIONS WHERE THE EXISTING SLAB IS REMOVED OR WHERE NEW SLAB TIES INTO EXISTING



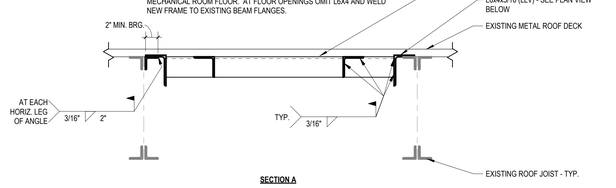
5 Slab Repair Detail
1" = 1'-0"

STRUCTURAL NOTES:

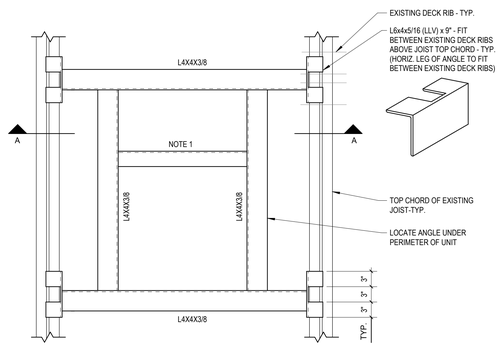
1. PROVIDE L3X3X1/4 AT PERIMETER OF SUPPLY AND RETURN DUCT OPENINGS (IN ADDITION TO ANGLE FRAME UNDER PERIMETER OF UNIT)

2. PROVIDE ROOF FRAMES AT OPENINGS THAT ARE NOT UNDER ROOF TOP UNIT - PROVIDE DETAIL SIMILAR TO SHOWN BELOW, BUT ALL ANGLE FRAMES CAN BE L3X3X1/4 FOR ROOF OPENINGS NOT ALSO SUPPORTING THE WEIGHT OF A AIR HANDLING UNIT (ROOF ACCESS HATCH, EXHAUSE FAN).

3. PROVIDE SIMILAR DETAIL FOR FLOOR OPENINGS THROUGH EXISTING MECHANICAL ROOM FLOOR. AT FLOOR OPENINGS OMIT L6X4 AND WELD NEW FRAME TO EXISTING BEAM FLANGES.

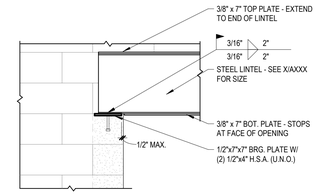


SECTION A

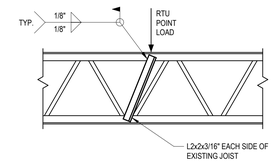


PLAN VIEW

4 Frame Reinforcement Details
1" = 1'-0"

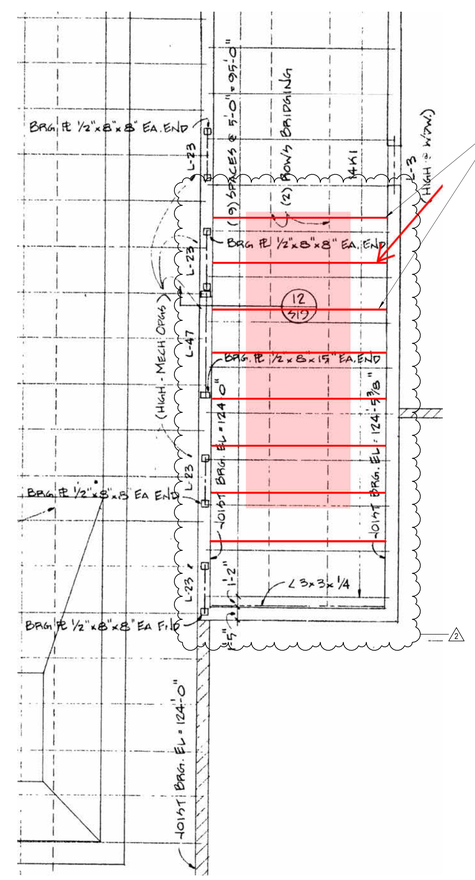


3 Steel Beam Bearing Detail
3/4" = 1'-0"



PROVIDE ANGLES AS SHOWN ABOVE IF ROOF TOP UNIT CURB BEARS ON JOIST MORE THAN 6" AWAY FROM A TOP CHORD PANEL POINT. IF UNIT CURB IS PARALLEL TO JOIST AND IN CONTINUOUS BEARING ABOVE THE JOIST, THIS DETAIL IS NOT REQUIRED.

2 Chord Reinf. Detail
1" = 1'-0"



STRUCTRAL NOTES:

(8) NEW 14K1 SPLICE JOISTS LOCATED BELOW NEW MECHANICAL UNIT AND BETWEEN EXISTING JOISTS. BEAR ON NEW 6"X6"X1/2" BEARING PLATE AT EACH JOIST BEARING LOCATION. SEE SPLICE JOIST NOTES BELOW FOR ADDITIONAL INFORMATION.

2

SPLICE JOISTS NOTES:

1. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION AND CONSTRUCTION.

2. ALL SPLICE JOISTS SHALL BE DESIGNED AS LATERALLY BRACED AT BRIDGING LOCATIONS ONLY.

3. PROVIDE NEW BRIDGING PER JOIST MANUFACTURER'S REQUIREMENTS AND PER SJI (BUT NOT LESS THAN EXISTING BRIDGING).

4. SPLICE JOISTS SHALL BE SUPPLIED WITH NO CAMBER.

5. WHERE GAP EXISTS BETWEEN THE TOP CHORD OF THE SPLICE JOIST AND THE UNDERSIDE OF THE EXISTING ROOF DECK, PROVIDE 4"x4" MIN. SHIM PLATES @ 24" O.C. TO PROVIDE TIGHT BEARING. TACK WELD SHIMS TO JOIST.

6. FIELD VERIFY SEAT DEPTH AND PROVIDE 2" JOIST SEATS AT EAST END AND 4 1/2" JOIST SEATS AT WEST END. PROVIDE SHIM PLATES AS REQUIRED AT BEARING LOCATIONS. WELD SHIMS TO JOIST AND SUPPORT PER SUPPLIER REQUIREMENTS.

1 Structural Reinforcement for Mech. Unit
N.T.S

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260 424-9080 ElevatusArchitecture.com

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SEAL

Wawasee Middle School Pool Renovations

9850 IN-13
Syracuse, IN 46567

REVISIONS

NO.	DESCRIPTION	DATE
1	Addendum #1	02-24-2025
2	Addendum #2	03-03-2025

PROJECT NO. 2401111
ISSUE DATE 2/14/2025

SUBMITTAL
Issue for Bids, Permits, and Construction

Architectural Details

A-501

3/3/2025 10:07:25 AM
Autodesk Docs://PSCC_Fort Wayne/Wawasee/2401111/WSSC-Pool Renovations-MODV.rvt

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2828 Lake Ave.
Fort Wayne, Indiana 46805
260-424-0444 ph
www.primary-eng.com

MICHAEL E. LUBBEHUSEN
REGISTERED
No. PE10302397
STATE OF
INDIANA
PROFESSIONAL ENGINEER

Addendum: **2**

Date: 03/03/2025

Project: **Wawasee Natatorium**

Comm #: **24687**

The following items shall be incorporated into the specifications and drawings and are considered to be integral to the bid documents for the project. Acknowledgement of receipt of this addendum is required on the bid form.

Item #1: Sheet M201, "Mechanical Plan"

A. Mezzanine Mechanical Plan – Revised hydronic hot water line size. Refer to supplemental information drawing sheet M201 labeled addendum #2.

Item #2: Sheet M202, "Roof Mechanical Plan"

A. Added heat trace to condensate line. Refer to supplemental information drawing sheet M202 labeled addendum #2.

Item #3: Sheet M401, "Mechanical Details"

A. Added 2-way control valve piping detail. Refer to supplemental information drawing sheet M401 labeled addendum #2.

Item #4: Sheet M501, "Mechanical Schedules"

A. Revised Air Handler Schedule to accurately reflect latest AHU submittal. Refer to supplemental information drawing sheet M501 labeled addendum #2.

Item #5: Sheet E201, "Power and Routing Plans"

A. First Floor Power Plan – See attached revised drawing sheet dated 03-03-2025 for plan and note revisions.

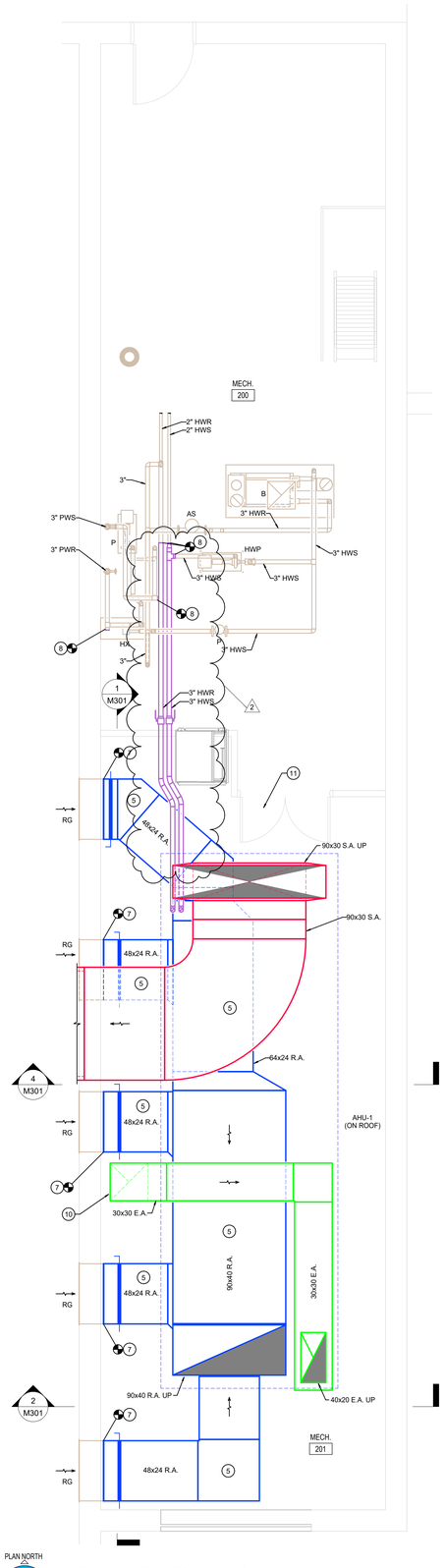
Item #6: Sheet E202, "Roof and Mezzanine Power Plans"

A. Roof Power Plan – See note 3 added for connection to heat trace cabling on AHU-1 condensate piping.

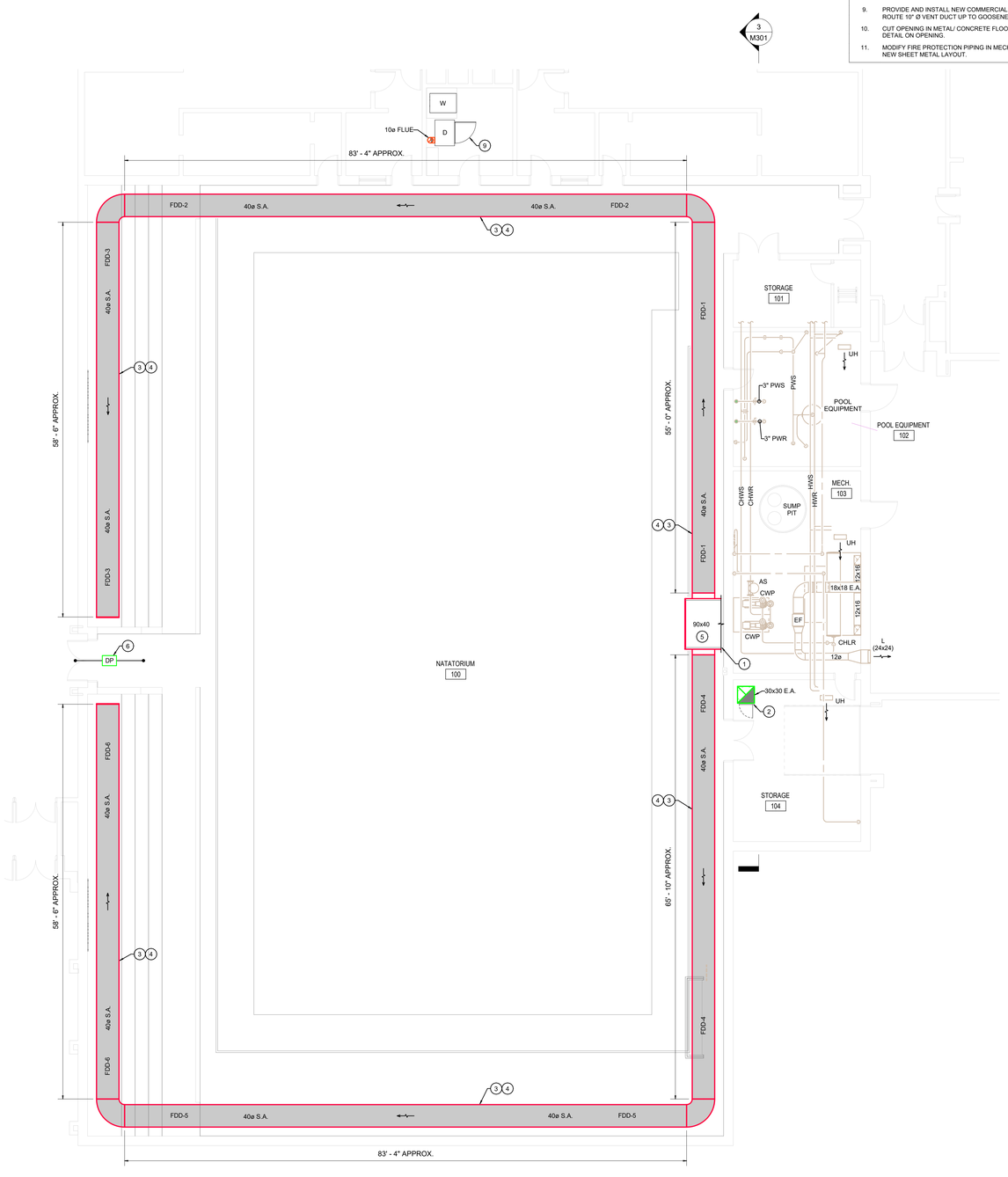
PRIOR TO DEMOLITION, CONTRACTOR SHALL ENGAGE CHEMICAL TREATMENT SERVICE PROVIDER "HEAT POWER ENGINEERING" TO FURNISH RECOMMENDED CHEMICAL CLEANING SOLUTION FOR EXISTING HYDRONIC PIPING. CONTRACTOR SHALL DRAIN ALL EXISTING SYSTEM FLUID IN ITS ENTIRETY AND FILL, FLUSH, AND DRAIN REPEATEDLY WITH WATER AND RECOMMENDED CHEMICAL CLEANING SOLUTION UNTIL CLEAR. OPEN ALL MANUALLY OPERATED VALVES. COORDINATE WITH TCC TO OPEN ALL AUTOMATIC CONTROL VALVES AND ENABLE PUMPS. FILL SYSTEM WITH WATER AND RECOMMENDED CHEMICAL TREATMENT SOLUTIONS. PURGE AND VENT ALL AIR FROM EXISTING SYSTEM.

PLAN NOTES

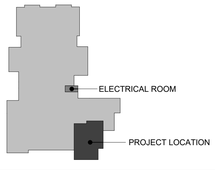
1. REFER TO MEZZANINE MECHANICAL PLAN ON SHEET M201 FOR CONTINUATION OF DUCTWORK.
2. 24"x24" ACCESS HATCH TO ALLOW FOR SUMP PUMP TO BE MANUALLY DROPPED INTO PERRY FIBERGLASS TEE FITTING. REFER TO SECTION ON SHEET M301.
3. ALL HARDWARE SHALL BE ALUMINUM. NO GALVANIZED SHALL BE PERMITTED.
4. PROVIDE AND INSTALL NEW FABRIC DUCTWORK. COLOR SHALL BE SELECTED BY ARCHITECT. REFER TO FABRIC DUCT SCHEDULE ON SHEET M501 AND REFER TO MANUFACTURER'S INSTALLATION REQUIREMENTS FOR MORE INFORMATION.
5. ALL DUCTWORK SHALL BE ALUMINUM. NO GALVANIZED SHALL BE PERMITTED. DUCTWORK SHALL BE INSULATED WITH DUCT BOARD. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
6. TEMPERATURE CONTROL CONTRACTOR SHALL PROVIDE AND INSTALL DIFFERENTIAL PRESSURE SENSOR AND WIRE TO POOL AIR HANDLER. INTENT IS TO KEEP NATATORIUM AT A CONSTANT -0.05" W.C. NEGATIVE PRESSURE IN RESPECT TO THE CORRIDOR. ROUTE WIRE UP WALL TO CEILING DECK WITH WIREMOLD EQUAL TO LEGRAND 400 SERIES.
7. PROVIDE AND INSTALL NEW DUCTWORK AND TIE-IN AT LOCATION SHOWN.
8. TIE-IN TO EXISTING HYDRONIC PIPING AT LOCATION SHOWN. PIPING TO BE ABANDONED SHALL BE CAPPED. ALL HYDRONIC PIPING SHALL BE WELDED AND PAINTED WITH (2) COATS OF RUSTOLEUM RUST INHIBITIVE PAINT. INSULATE PER SPECIFICATIONS.
9. PROVIDE AND INSTALL NEW COMMERCIAL DRYER. REFER TO DRYER VENT DETAIL ON SHEET M401 TO ROUTE 10" Ø VENT DUCT UP TO GOOSENECK ON ROOF.
10. CUT OPENING IN METAL/ CONCRETE FLOOR. COORDINATE WITH STRUCTURAL DRAWINGS FOR MORE DETAIL ON OPENING.
11. MODIFY FIRE PROTECTION PIPING IN MECHANICAL MEZZANINE AS REQUIRED TO ACCOMMODATE NEW SHEET METAL LAYOUT.



MEZZANINE MECHANICAL PLAN
1/4" = 1'-0"



FIRST FLOOR MECHANICAL PLAN
1/8" = 1'-0"



IF THE WHEEL PRINTED BELOW IS NOT SHOWN IN COLOR, THIS SET OF PRINTS MAY BE REPRESENTING ALL LINE TYPES CORRECTLY. CONTACT PRIMARY ENGINEERING FOR DIRECTIONS ON HOW TO OBTAIN A FULL COLOR SET OF PRINTS.

SCALE: 1/16" = 1'-0" | SCALE: 3/32" = 1'-0" | SCALE: 1/8" = 1'-0" | SCALE: 1/4" = 1'-0" | SCALE: 1/2" = 1'-0" | SCALE: 3/4" = 1'-0" | SCALE: 1" = 1'-0"

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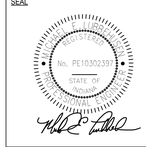

Wawasee Middle School Pool Renovations

9850 IN-13
Syracuse, IN 46567

REVISIONS

NO.	DESCRIPTION	DATE
2	ADDENDUM #2	03/03/2025

PROJECT NO. 2401111
ISSUE DATE 2/14/2025
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MECHANICAL PLAN

M201

Primary Job #24687 Rvt 23

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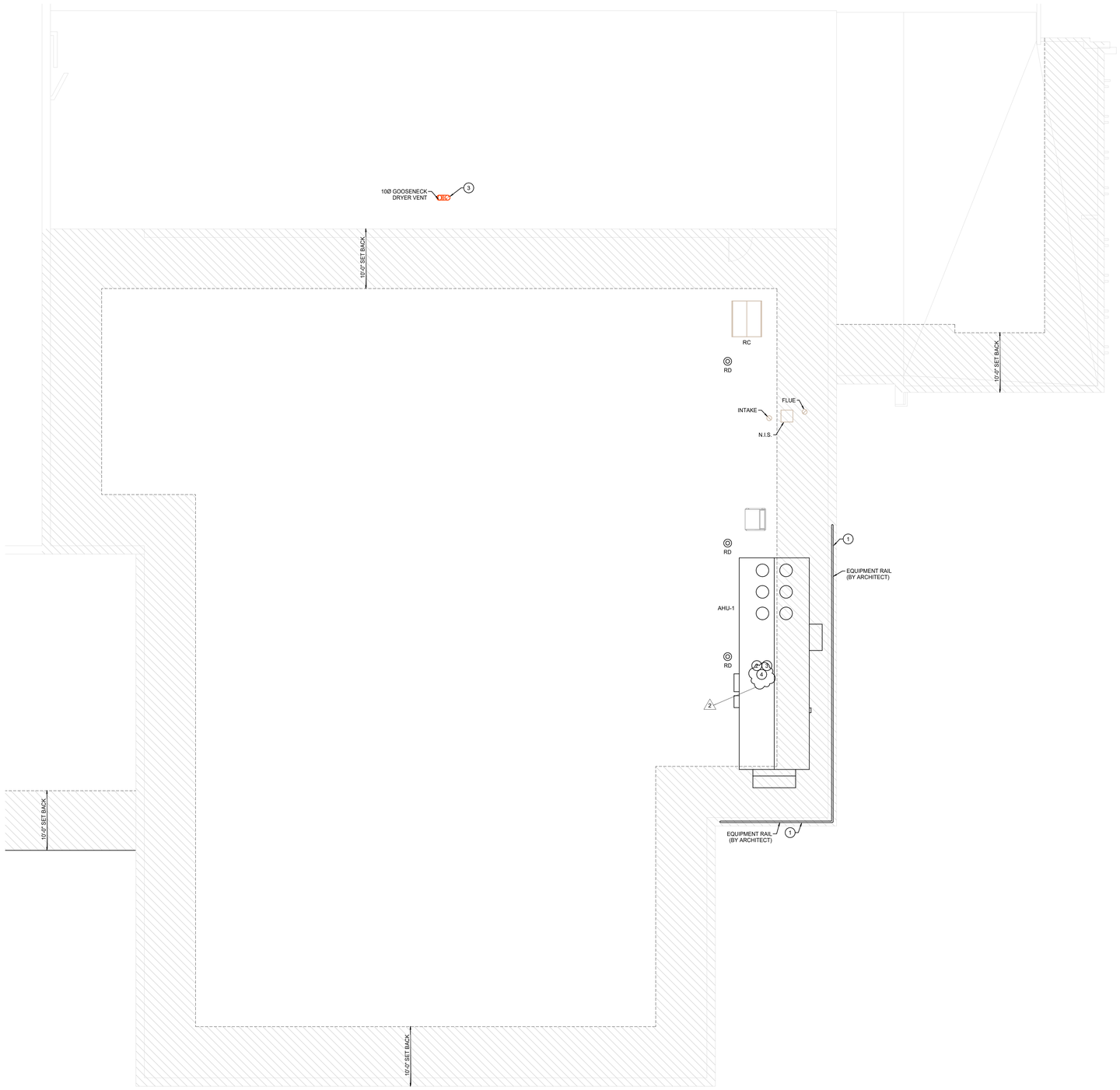
Autodesk Docs://PMDC/ Fort Renovations/24687 - WCDC Pool Renovations - West and Pool6 - Rvt 23.rvt

PLAN NOTES

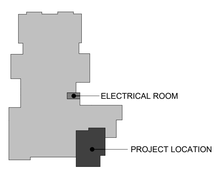
1. SAFETY EQUIPMENT RAIL BY G.C. SAFETY RAIL SHALL EXTEND MIN 30" PAST EQUIPMENT EDGE AND SHALL BE MINIMUM 42" ABOVE ROOF DECK. CONTRACTOR SHALL VERIFY FINAL DIMENSIONS PRIOR TO ORDERING.
2. COORDINATE WITH ARCHITECT FOR ALL CRICKETS, FLASHING AND ROOF WARRANTY INFORMATION FOR A COMPLETE AND FULLY FUNCTIONAL INSTALLATION.
3. COORDINATE WITH STRUCTURAL DRAWINGS FOR ROOF OPENING INFORMATION. REFER TO DETAIL ON SHEET M401.
4. PROVIDE AND INSTALL HEAT TRACE AND TEMPERATURE SENSOR ON CONDENSATE WITH ELECTRICAL CONTRACTOR FOR POWER SUPPLY.



PLAN NORTH

ROOF MECHANICAL PLAN

1/8" = 1'-0"



IF THE WHEEL PRINTED BELOW IS NOT SHOWN IN COLOR, THIS SET OF PRINTS IS NOT REPRESENTING ALL LINE TYPES CORRECTLY. CONTACT ARSENAL ENGINEERING FOR DIRECTIONS ON HOW TO OBTAIN A FULL COLOR SET OF PRINTS

SCALE: 1/16" = 1'-0" | SCALE: 3/32" = 1'-0" | SCALE: 1/8" = 1'-0" | SCALE: 1/4" = 1'-0" | SCALE: 1/2" = 1'-0" | SCALE: 3/4" = 1'-0" | SCALE: 1" = 1'-0"

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No. PE10302397
STATE OF Indiana

Wawasee Middle School Pool Renovations

9850 IN-13
Syracuse, IN 46567

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ISSUE DATE 2/14/2025
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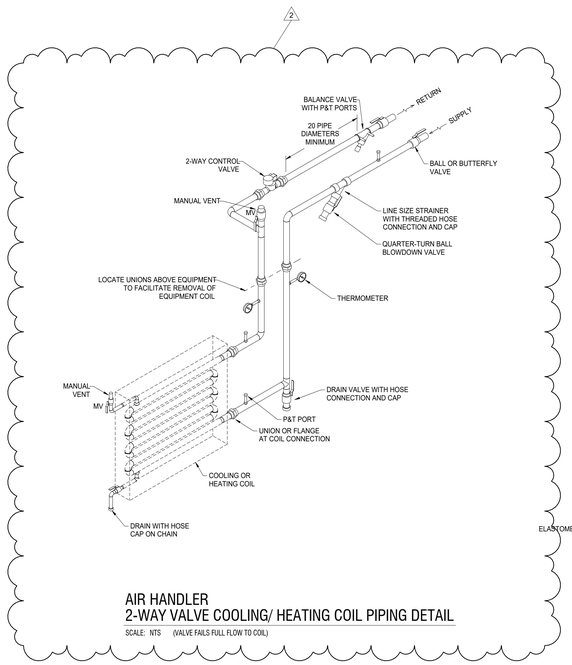
ROOF MECHANICAL PLAN

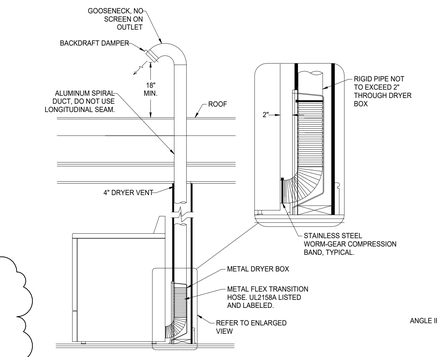
M202

Primary Job #24687 Rvt 23



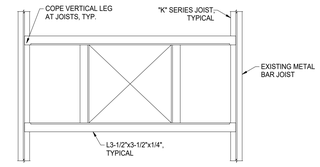
AIR HANDLER 2-WAY VALVE COOLING/ HEATING COIL PIPING DETAIL

SCALE: NTS (VALVE FAILS FULL FLOW TO COIL)



DRYER VENT DETAIL

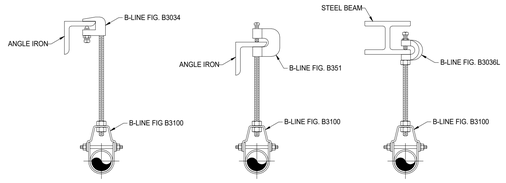
SCALE: NTS



- AT OPENINGS 12"x12" OR LARGER

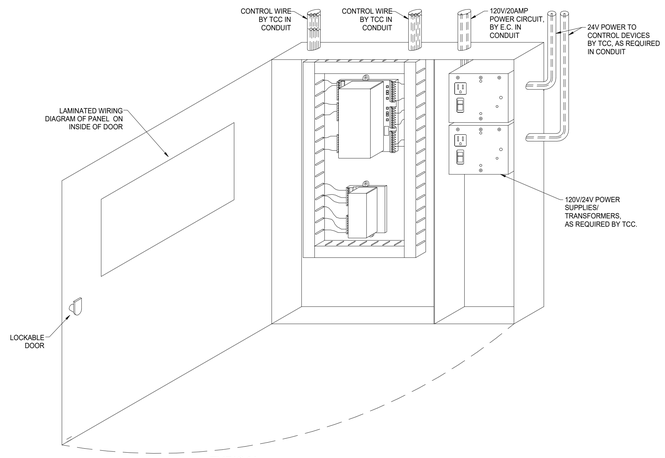
NEW EQUIPMENT ROOF OPENING DETAIL

SCALE: NTS



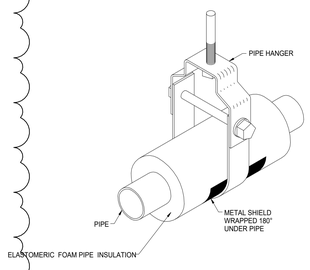
HANGER ASSEMBLY DETAIL

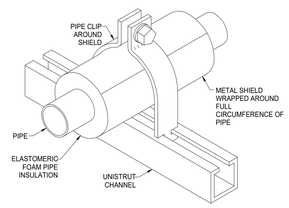
SCALE: NTS



TYPICAL TEMPERATURE CONTROL PANEL DETAIL

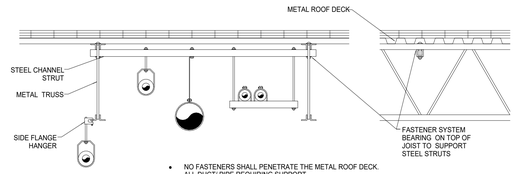
NOT TO SCALE





TYPICAL PIPE SUPPORT DETAIL FOR INSULATED PIPE

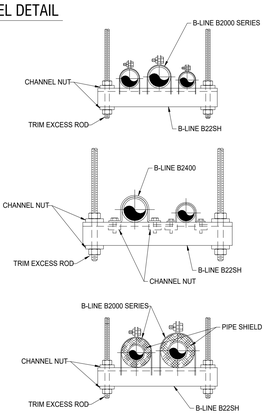
NOT TO SCALE



- NO FASTENERS SHALL PENETRATE THE METAL ROOF DECK. ALL DUCT/ PIPE REQUIRING SUPPORT
- BETWEEN STRUCTURAL FRAMING MEMBERS SHALL BE SUPPORTED FROM STEEL CHANNEL SYSTEMS
- INSTALLED BY THIS CONTRACTOR
- COORDINATE TO MAXIMIZE PLENUM SPACE WITH OTHER TRADES

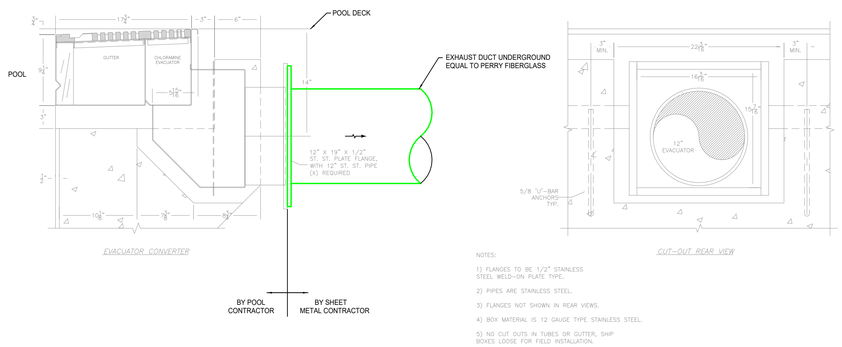
TYPICAL INTERMEDIATE DUCT/ PIPE HANGER SUPPORT FRAMING DETAIL

NOT TO SCALE



HANGER ASSEMBLY DETAIL

SCALE: NTS

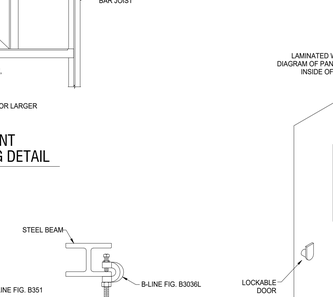


NOTES:

1) FLANGES TO BE 1/2" STAINLESS STEEL WELD-ON PLATE TYPE.
2) PIPES ARE STAINLESS STEEL.
3) FLANGES NOT SHOWN IN REAR VIEWS.
4) BOX MATERIAL IS 12 GAUGE TYPE STAINLESS STEEL.
5) NO CUT OUTS IN TUBES OR GUTTER. SHIP BOXES LOOSE FOR FIELD INSTALLATION.

EVACUATOR CONVERTER SECTION

NOT TO SCALE



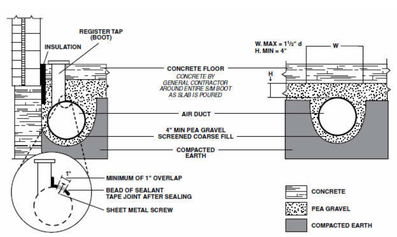
PIPE LABEL DETAIL

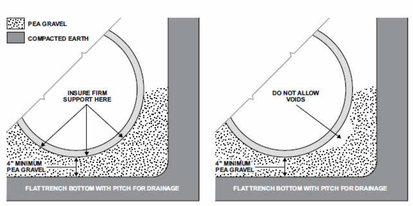
SCALE: NTS

* INSTALL TAG ON FRONT FACE OF EQUIPMENT LOCATED IN EQUIPMENT ROOMS. IN FINISHED SPACES INSTALL TAG ON INTERIOR OF EQUIPMENT UNDER SERVICE ACCESS DOOR/PANELS IN A CONCEALED LOCATION.

TYPICAL EQUIPMENT TAG DETAIL

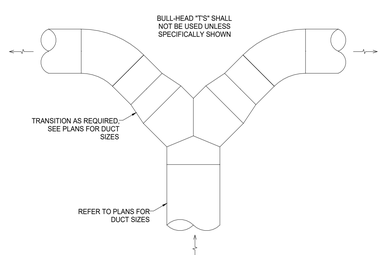
SCALE: NTS





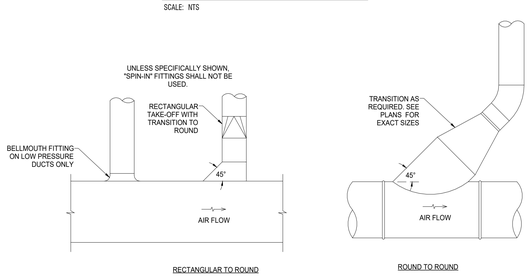
FIBERGLASS UNDERGROUND INSTALLATION PROCEDURES

NOT TO SCALE



TYPICAL REDUCING WYE DETAIL

NOT TO SCALE



TYPICAL DUCT TAKE-OFF DETAIL

NOT TO SCALE

IF THE WHEEL PRINTED BELOW IS NOT MULTI-COLOR, THIS SET OF PRINTS IS NOT REPRESENTING ALL LINE TYPES CORRECTLY. CONTACT PRIMARY ENGINEERING FOR DIRECTIONS ON HOW TO OBTAIN A FULL COLOR SET OF PRINTS

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MECHANICAL DETAILS

M401

Primary Job #24687 Rvt 23

CONTROLS POINT LIST SCHEDULE

WCSC / WAWASEE MS NATATORIUM	OUTPUT (O) DGTAL	OUTPUT (O) ANALOG			HARDWARE INPUT (T, D, V, C) DIGITAL							HARDWARE INPUT (T, D, V, C) ANALOG									ALARMS DGTAL					ALARMS ANALOG		SOFTWARE BMS FUNCTIONS						
Point Description	Control Relay/Contactor	Floating Point Control	Solenoid Valve	Pneumatic Transducer	Electrical Transducer	4-20 ma or 0-10 VDC	Pressure Switch	Flow Switch	Power Occupancy Sensor	Current Switch	Over-ride button	Contact Closure	Photocell	Auxiliary Contact	KW Meter Contact	Temperature	Relative Humidity	Static Pressure Measurement	Carbon Dioxide Level (ppm)	Carbon Monoxide (ppm)	Lightting Level (Foot candles)	Pressure (in H2O, ft H2O, DP)	Flow Measurement (gpm;cfm)	Electrical Current Flow (amps)	Position Feedback	Trending	Equipment Alarm	Emergency Alarm	Maintenance Notification	High Limit	Low Limit (Temperature)	Run Time Alarm	Scheduled On/Off	Optimum Start/Stop	Totalization	O.A. Reset	Load Log Control	BACnet Software point	Lighting Control Integration	Color Graphics Item
Outside Air																																									
Pool Dehum. Unit (AHU-1)																																									
Supply fan(s)																																									
OA damper																																									
RA damper																																									
Stages of gas heat																																									
Stages of DX cooling																																									
Return air																																									
Mixed air																																									
Supply air																																									
Freezestat sensor																																									
Relief fan(s)																																									
Relief damper																																									
Zone differential pressure																																									
Space occupancy																																									

FABRIC DUCT DIFFUSER SCHEDULE (FDD)

MANUFACTURER/ FLOW MODEL	PLAN MARK	LENGTH (LINEAR FT)	SIZE (ROUND)	INLET ESP	CFM	INSTALLATION TYPE	DISPERSION TYPE / LOCATION	REMARKS
DUCTSOX / LASER CUT PERFORATIONS	FDD-1	55	40"	1" WG	5500	SINGLE TRACK WITH 360 ° INTERNAL RINGS	PERFORATIONS: 1° @ 90 °, 135° & 180°	1, 2, 3, 4
DUCTSOX / LASER CUT PERFORATIONS	FDD-2	83.3	40"	1" WG	5500	SINGLE TRACK WITH 360 ° INTERNAL RINGS	PERFORATIONS: 1° @ 90 °, 135° & 180°	1, 2, 3, 4
DUCTSOX / LASER CUT PERFORATIONS	FDD-3	58.5	40"	1" WG	5500	SINGLE TRACK WITH 360 ° INTERNAL RINGS	PERFORATIONS: 1° @ 90 °, 135° & 180°	1, 2, 3, 4
DUCTSOX / LASER CUT PERFORATIONS	FDD-4	65.8	40"	1" WG	5500	SINGLE TRACK WITH 360 ° INTERNAL RINGS	PERFORATIONS: 1° @ 90 °, 135° & 180°	1, 2, 3, 4
DUCTSOX / LASER CUT PERFORATIONS	FDD-5	83.3	40"	1" WG	5500	SINGLE TRACK WITH 360 ° INTERNAL RINGS	PERFORATIONS: 1° @ 90 °, 135° & 180°	1, 2, 3, 4
DUCTSOX / LASER CUT PERFORATIONS	FDD-6	58.5	40"	1" WG	5500	SINGLE TRACK WITH 360 ° INTERNAL RINGS	PERFORATIONS: 1° @ 90 °, 135° & 180°	1, 2, 3, 4

REMARKS:
1. ALL SUSPENSION AND MOUNTING MATERIALS SHALL BE ALUMINUM.
2. ALL LENGTHS ARE APPROXIMATE AND MUST BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING.
3. PERFORATION LOCATIONS TO BE REVIEWED AND VERIFIED DURING SUBMITTAL.
4. FABRIC TO BE WHITE PERMABLE UL CLASSIFIED (723/2918).

FIXED CORE HEAT RECOVERY UNIT SCHEDULE

				RETURN AIR					OUTSIDE VENTILATION AIR					
TAG	MFR.	MODEL	SERVICE	MODE	AIRFLOW (CFM)	ESP (IN W.C.)	ENTER EDB/EWB (DEG F / %RH)	LEAVING EDB/EWB (DEG F / %RH)	MODE	AIRFLOW (CFM)	ESP (IN W.C.)	ENTER EDB/EWB (DEG F)	LEAVING EDB/EWB (DEG F / %RH)	REMARKS
AHU-1	INNOVENT	H-1-50C-2250	POOL	SUMMER	19,800	0.93	82 / 60	84.6 / 55.2	SUMMER	16,500	0.69	87 / 77.6	83.9 / 76.8	1
				WINTER	11,550	0.37	82 / 47	49.2 / 100	WINTER	8,250	0.2	-10 / -10.9	57.7 / 37.6	

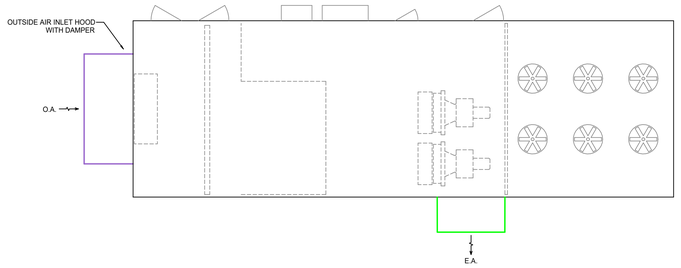
REMARKS:
1. REFER TO AIR HANDLER SCHEDULE FOR MORE INFORMATION.

(OWNER PROVIDED) AIR HANDLER SCHEDULE (REV. 3/3/25)

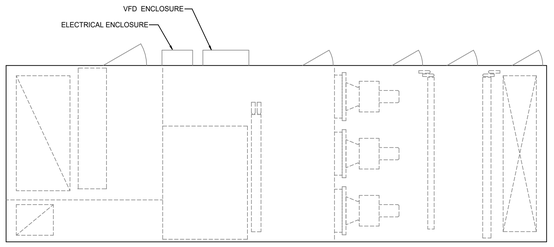
2

TAG	AHU-1					
MFR.	INNOVENT					
MODEL	NDHU-OU-PL-33000					
UNIT DIM WxL (IN)	11.5'x35'					
UNIT WIEGHT (LBS)	22,600					
FILTER TYPE	PLEATED MERV 13					
SUPPLY FAN						
AIRFLOW (CFM)	33,000					
TSP (IN W.C.)	4.91					
ESP (IN W.C.)	2.0					
RPM	2182					
FAN TYPE	PLENUM					
DRIVE TYPE	DIRECT					
MOTOR (HP)	(3) 15					
MOTOR (BHP)	(3) 13					
HOT WATER COIL						
TOTAL CAP (MBH)	1255					
EAT (DEG F)	62.7					
LAT (DEG F)	97.8					
FLOW (GPM)	101.6					
EWT (DEG F)	135					
LWT (DEG F)	110					
ROWS	3					
PD (IN W.C.)	0.56					
CONTROL VALVE	2-WAY					
DX COIL						
TOTAL CAP (MBH)	1141					
SENS CAP (MBH)	461.8					
EAT DB/WB (DEG F)	83.9 / 76.8					
LAT DB/WB (DEG F)	58.2 / 57.8					
ROWS	6					
FPI	10					
PD (IN W.C.)	0.74					
REFRIGERANT	R-454B					
CIRCUITS	1					
HOT GAS REHEAT						
TOTAL CAP (MBH)	577					
EAT DB/WB (DEG F)	69.1 / 64.3					
LAT DB/WB (DEG F)	84.7 / 69.3					
ROWS	2					
FPI	11					
PD (IN W.C.)	0.37					
REFRIGERANT	R-454B					
CIRCUITS	2					
SKIM EXHAUST FAN						
AIRFLOW (CFM)	5000					
DRIVE TYPE	DIRECT					
RPM	1976					
MOTOR (HP)	5					
MOTOR (BHP)	3.85					
EXHAUST FAN						
AIRFLOW (CFM)	14,800					
TSP (IN W.C.)	3.3					
ESP (IN W.C.)	1.5					
RPM	1703					
FAN TYPE	PLENUM					
DRIVE TYPE	DIRECT					
MOTOR (HP)	(2) 7.5					
MOTOR (BHP)	(2) 5.7					
AIR-COOLED REFRIGERATION						
TONS	95.1					
AMBIENT (DEG F)	95					
CIRCUITS	2					
STAGES	4					
EER	10					
ELECTRICAL						
VOLTAGE/PHASE	460/3					
MCA	273.5					
MOP	300					
REMARKS:	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12					

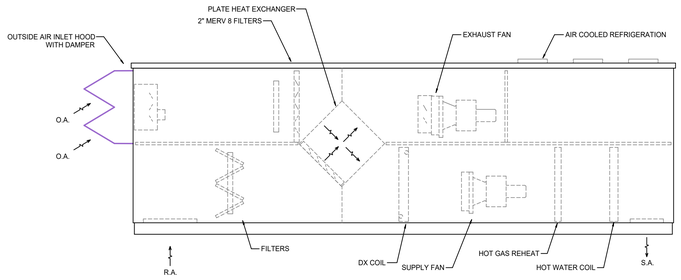
REMARKS:
1. ALL SECTIONS SHALL BE DOUBLE WALL CONST WITH INJECTED FOAM INSUL.
2. PROVIDE AND INSTALL ON 6" HIGH FULL LENGTH BASE RAIL (MINIMUM).
3. MOTOR SHALL BE MULTI-TAP 460/240/208 BALDOR SUPER-E WITH INTEGRAL SHAFT GROUNDING RING AND COMPLY WITH NEMA MG1 FOR VARIABLE SPEED OPERATION.
4. MOTOR SHALL HAVE CLASS F INSULATION FOR USE WITH VARIABLE SPEED DRIVE.
5. PROVIDE AND INSTALL WITH CUSTOM 18" ROOF CURB.
6. PROVIDE AND INSTALL WITH PACKAGED CONTROLS AND ALL ASSOCIATED ACTUATORS, CONTROLERS, CABLING ETC FOR A COMPLETE AND FULLY FUNCTIONING UNIT IN EVERY RESPECT. PROVIDE AND INSTALL BACNET INTERFACE.
7. PROVIDE AND INSTALL WITH FACTORY MOUNTED VSD FOR SUPPLY FAN MOTOR MODULATION.
8. REFER TO FIXED CORE ENERGY RECOVERY SCHEDULE FOR MORE INFORMATION.
9. PROVIDE AND INSTALL WITH SINGLE POINT FACTORY WIRED DISCONNECT AND MOTOR VSDS.
10. CONSTRUCTION OF UNIT SHALL BE 2" THICK DOUBLE WALL ALUMINUM PANELS.
11. PROVIDE AND INSTALL AHU ON CUSTOM INSULATED ROOF CURB.
12. PROVIDE ALL ACCESS PANELS ON WEST FACING SIDE OF AHU.



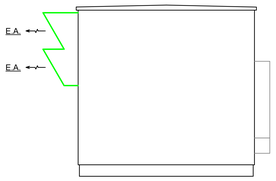
PLAN VIEW (UPPER)



PLAN VIEW (LOWER)



SIDE VIEW



RIGHT END VIEW

1 AHU-1 DETAIL
Not To Scale

IF THE WHEEL PRINTED BELOW IS NOT MULTI-COLOR, THIS SET OF PRINTS IS NOT REPRESENTING ALL LINE TYPES CORRECTLY. CONTACT PRIMARY ENGINEERING FOR DIRECTIONS ON HOW TO OBTAIN A FULL COLOR SET OF PRINTS

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Wawasee Middle School Pool Renovations
9850 IN-13
Syracuse, IN 46567

REVISIONS

NO.	DESCRIPTION	DATE
2	ADDENDUM #2	03/03/2025

PROJECT NO. 2401111
ISSUE DATE 2/14/2025
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MECHANICAL SCHEDULES

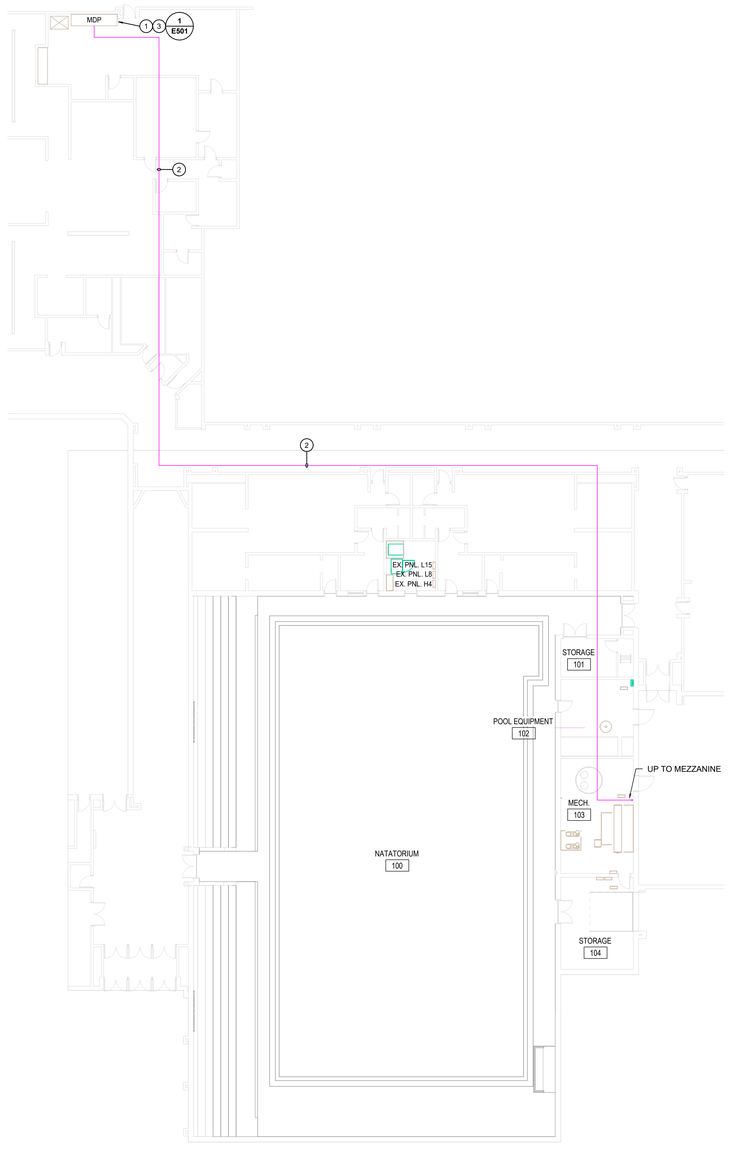
M501

Primary Job #24687 Rvt 23

SEE ALL POOL EQUIPMENT (PL SERIES) DRAWINGS FOR ADDITIONAL ELECTRICAL SCOPE OF WORK.

(X) PLAN NOTES

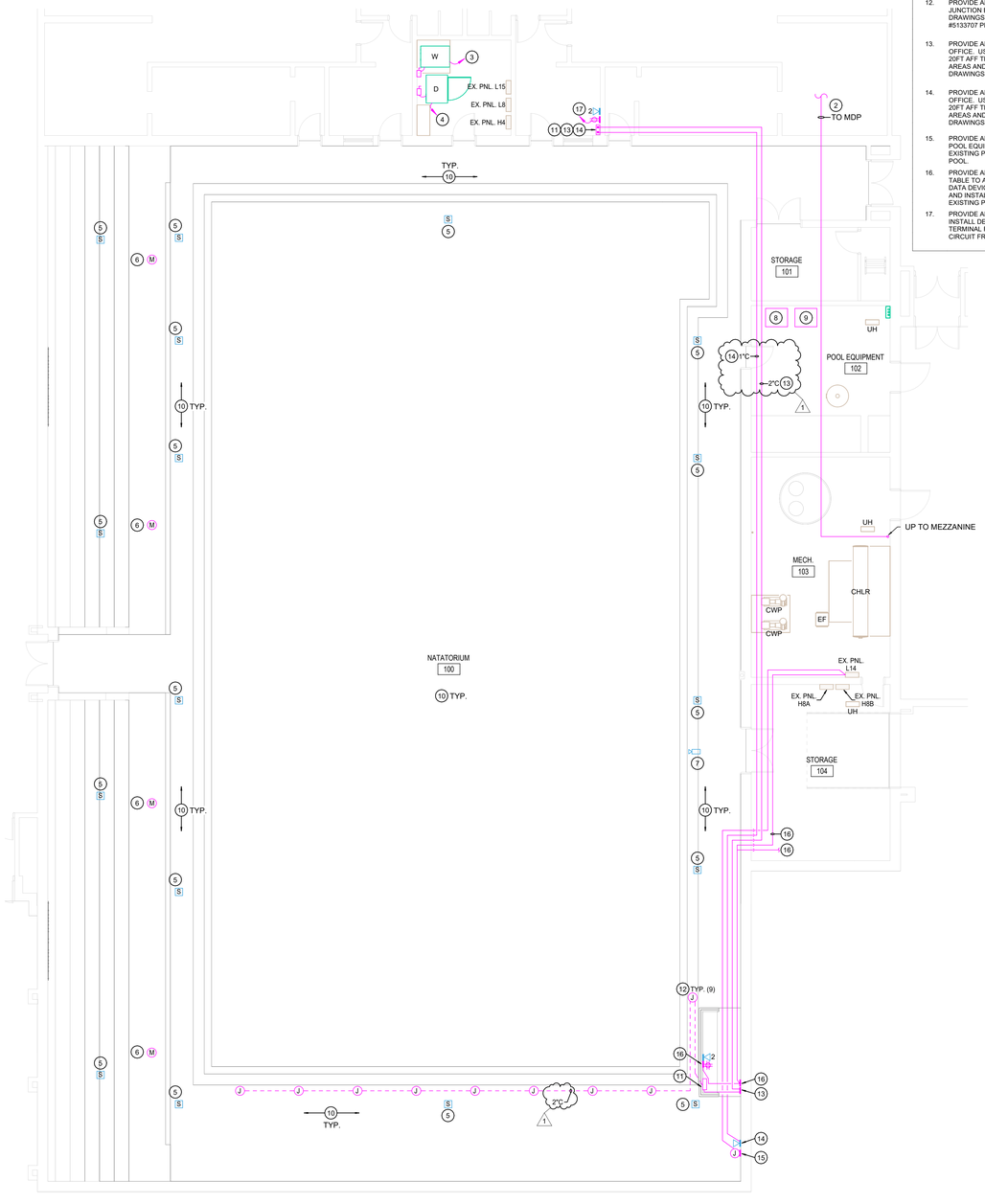
1. PROVIDE MODIFICATIONS TO EXISTING PANEL HMD TO ALLOW INSTALLATION OF NEW SWITCH FOR MECHANICAL EQUIPMENT. SEE DETAIL.
2. VERIFY PATHWAY ABOVE CEILINGS FOR FEED TO NEW MECHANICAL EQUIPMENT ON ROOF ABOVE POOL MECHANICAL MEZZANINE. CONTRACTOR SHALL VERIFY PATHWAY PRIOR TO WORK. PROVIDE ALL WALL PENETRATIONS AND SEALS.
3. PROVIDE AND INSTALL 120V 20A DUPLEX RECEPTACLE FOR NEW WASHING MACHINE. CONNECT TO EXISTING PANEL L8-31 USING 3/4"C, 2-#12, 1-#12 GROUND.
4. PROVIDE AND INSTALL 208V/1PH, 30A/2P POWER SUPPLY TO DISCONNECT SWITCH AND RECEPTACLE FOR DRYER. VERIFY NEMA PLUG REQUIREMENT. PROVIDE AND INSTALL NEW 208V,30A/2P BREAKER IN PANEL L8 WITH 3/4"C, 3-#8, 1-#10 GROUND TO NEMA PLUG.
5. PROVIDE AND INSTALL ALL SUPPORT, RACEWAYS AND BOXES REQUIRED TO RE-SUPPORT EXISTING PA SYSTEM SPEAKER FROM STRUCTURE. ALL CABLING TO BE IN CONDUIT.
6. PROVIDE AND INSTALL ALL SUPPORT, RACEWAYS AND BOXES REQUIRED TO RE-SUPPORT CEILING FAN FROM STRUCTURE. ALL WIRING TO BE IN CONDUIT.
7. RESUPPORT CAMERA FROM STRUCTURE ABOVE. ALL CABLING SHALL BE IN CONDUIT.
8. DISCONNECT POWER SUPPLY TO POOL EQUIPMENT (ACCUTAB CHLORINE FEEDER) AND RECONNECT TO NEW EQUIPMENT. SEE POOL EQUIPMENT PLANS FOR ADDITIONAL REQUIREMENTS.
9. DISCONNECT POWER SUPPLY TO UV DISINFECTION UNIT. RECONNECT NEW EQUIPMENT TO EXISTING CIRCUIT. SEE POOL EQUIPMENT PLANS FOR ADDITIONAL REQUIREMENTS.
10. PROVIDE AND INSTALL BONDING AND GROUNDING BELOW SLAB FOR ALL AREAS DISTURBED BY SLAB DEMOLITION AND BOND/GROUND ALL POOL EQUIPMENT PER NEC ARTICLE 680, SEE ARCHITECTURAL PLANS FOR DEMOLITION LOCATIONS.
11. PROVIDE AND INSTALL 12"X12"X6" PVC JUNCTION BOX WITH COVER AT SCORE TABLE AND IN POOL OFFICE. COORDINATE LOCATIONS WITH POOL EQUIPMENT CONTRACTOR. BOX SHALL BE CARLON #E989R OR CANTEX #5133713 PER COLORADO TIME REQUIREMENTS.
12. PROVIDE AND INSTALL (9) 4"X4"X6"D PVC JUNCTION BOXES IN POOL DECK WITH (1) 2" PVC TO 12"X12"X6" JUNCTION BOX AT SCORE TABLE. COORDINATE LOCATIONS WITH POOL EQUIPMENT DIMENSIONED DRAWINGS AND POOL EQUIPMENT CONTRACTOR. BOXES SHALL BE CARLON #E989NNR OR CANTEX #5133707 PER COLORADO TIME REQUIREMENTS.
13. PROVIDE AND INSTALL PATHWAY FROM JUNCTION BOX AT SCORE TABLE TO JUNCTION BOX IN OFFICE. USE SURFACE NON-METALLIC RACEWAY (WHITE) WHERE EXPOSED IN POOL ROOM UP TO 20FT AFF THEN DOWN TO STORAGE 104 THEN USE 1" METALLIC CONDUIT IN OTHER OPEN CEILING AREAS AND ABOVE ACCESSIBLE CEILING. COORDINATE LOCATIONS WITH POOL EQUIPMENT DRAWINGS AND POOL EQUIPMENT CONTRACTOR.
14. PROVIDE AND INSTALL PATHWAY FROM JUNCTION BOX AT SCOREBOARD TO JUNCTION BOX IN OFFICE. USE SURFACE NON-METALLIC RACEWAY (WHITE) WHERE EXPOSED IN POOL ROOM UP TO 20FT AFF THEN DOWN TO STORAGE 104 THEN USE 1" METALLIC CONDUIT IN OTHER OPEN CEILING AREAS AND ABOVE ACCESSIBLE CEILING. COORDINATE LOCATIONS WITH POOL EQUIPMENT DRAWINGS AND POOL EQUIPMENT CONTRACTOR.
15. PROVIDE AND INSTALL (6) 120V CIRCUITS TO NEW SCOREBOARD. COORDINATE LOCATIONS WITH POOL EQUIPMENT CONTRACTOR. PROVIDE AND INSTALL (6) NEW 120V, 20A/1P BREAKERS IN EXISTING PANEL L14. INSTALL IN NON-METALLIC SURFACE RACEWAY (WHITE) WHERE EXPOSED IN POOL.
16. PROVIDE AND INSTALL TWO CELL WHITE SURFACE NON-METALLIC RACEWAY ON WALL BELOW SCORE TABLE TO ABOVE CEILING IN STORAGE 104. PROVIDE AND INSTALL DEVICE PLATE WITH (2) CAT6 DATA DEVICES WITH (2) CAT6 DATA CABLES TO NEAREST TERMINAL RACK PER OWNER. PROVIDE AND INSTALL (2) 120V, 20A DUPLEX RECEPTACLE WITH CIRCUIT FROM NEW 120V, 20A/1P BREAKER IN EXISTING PANEL L14.
17. PROVIDE AND INSTALL TWO CELL WHITE SURFACE NON-METALLIC RACEWAY ON WALL. PROVIDE AND INSTALL DEVICE PLATE WITH (2) CAT6 DATA DEVICES WITH (2) CAT6 DATA CABLES TO NEAREST TERMINAL RACK PER OWNER. PROVIDE AND INSTALL (2) 120V, 20A DUPLEX RECEPTACLES WITH CIRCUIT FROM NEW 120V, 20A/1P BREAKER IN EXISTING PANEL L8.



PLAN NORTH

FIRST FLOOR POWER ROUTING PLAN

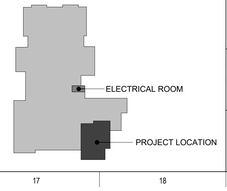
1/16" = 1'-0"



PLAN NORTH

FIRST FLOOR POWER PLAN

1/8" = 1'-0"



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STATE OF INDIANA REGISTERED PROFESSIONAL ENGINEER No. PE10302397 TIMOTHY J. PETRIE

Wawasee Middle School Pool Renovations

9850 IN-13
Syracuse, IN 46567

REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM #2	03/03/2025

PROJECT NO. 2401111
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POWER AND ROUTING PLANS

E201

Primary Job #24087 Rvt 23

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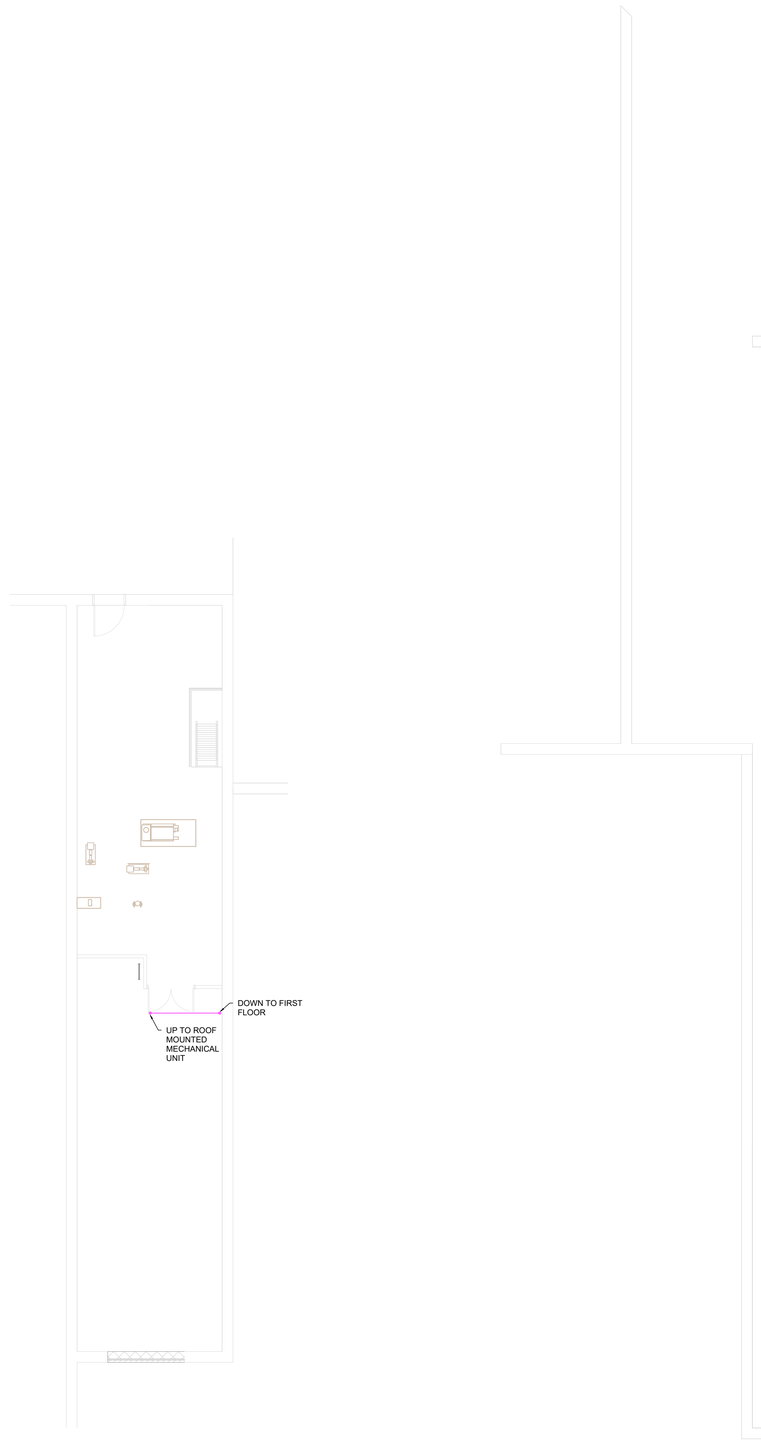
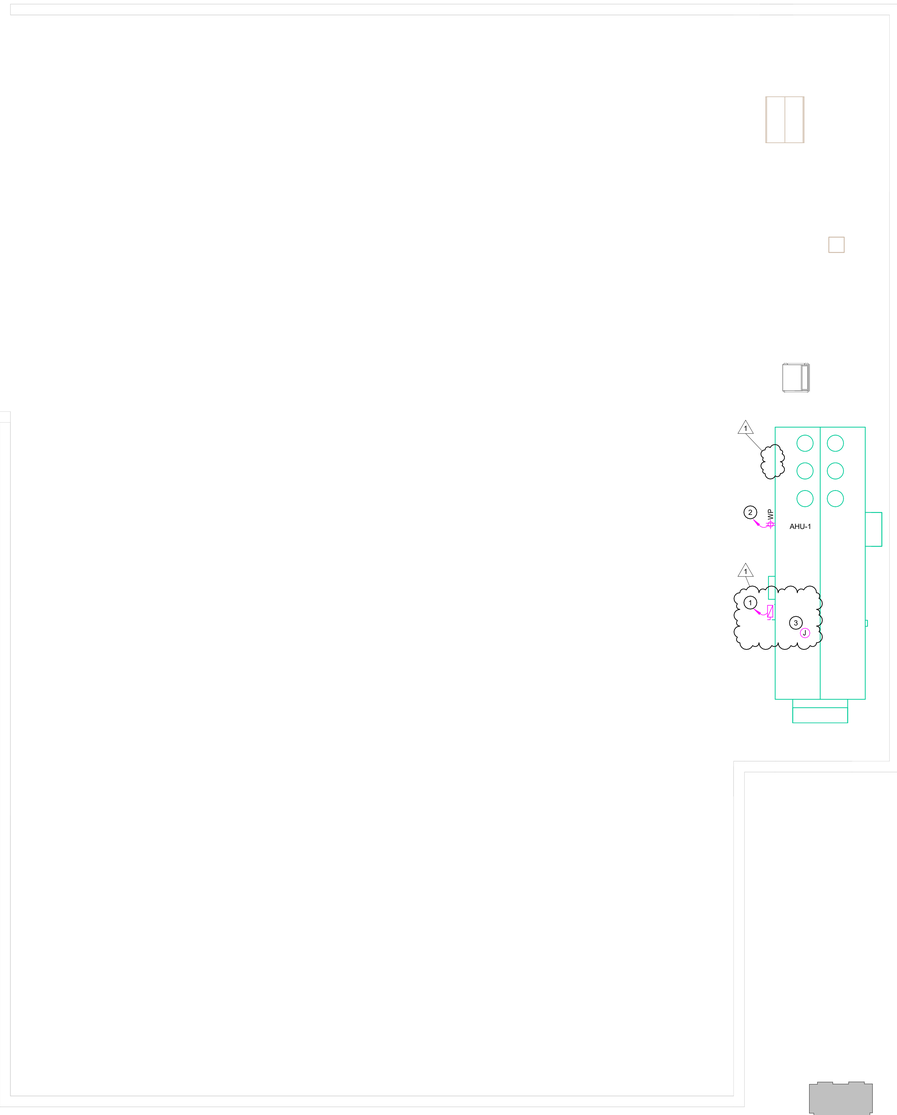
PLAN NOTES

1. PROVIDE POWER SERVICE TO MECHANICAL UNIT. SEE EQUIPMENT SCHEDULE FOR ALL REQUIREMENTS. COORDINATE WORK WITH ALL TRADES.
2. PROVIDE AND INSTALL WP RATED DUPLEX RECEPTACLE AT MECHANICAL UNIT ON ROOF. CONNECT TO EXISTING 120V RECEPTACLE BRANCH CIRCUIT ON MEZZANINE BELOW. PROVIDE ROOF PENETRATIONS AND SEALS PER SPECIFICATIONS AND ROOF WARRANTY HOLDER REQUIREMENTS.
3. EC TO PROVIDE AND INSTALL POWER CONNECTION FROM AHU-1 CONTROL PANEL TO FIELD INSTALLED (BY OTHERS) HEAT TRACE CABLE ON CONDENSATE PIPING.



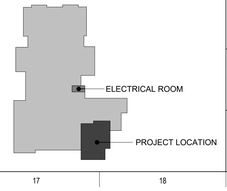
PLAN NORTH

MEZZANINE POWER PLAN
1/8" = 1'-0"



PLAN NORTH

ROOF POWER PLAN
1/8" = 1'-0"



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ROOF AND MEZZANINE POWER PLANS

E202

Primary Job #24087 Rvt 23