

## Addendum 2

**To:** Bidding Documents  
Plan-Holders of Record  
Project File

**Date:** September 9<sup>th</sup>, 2024

**Addendum Number:** Two

**Architect's Project #:** 20230011

**Project Name:** CN Catoosa Child  
Development Center

**From:** BLUE RIVER ARCHITECTS, LLC  
320 South Boston, Suite 103  
Tulsa, Oklahoma 74103  
Tel 918.877.9036

**Professional Seal:**



### NOTICE.....

This Addendum supplements and amends the original Bidding Documents, shall be taken into account in preparing proposals, and shall become a part of the Construction Documents. The bidder shall indicate receipt of this addendum and all previously issued addenda on the Bid/Proposal Form.

### PRIOR ADDENDA

Addendum 1

Dated: 08/29/2024

### Changes / Clarifications:

1. **Pre-Bid RFI 10:** HB-1 is on the plans but not on the plumbing schedule. What brand do you prefer?  
**Answer:** FPWH-1 was labeled HB-1 on plans. Labels updated per addendum 2. Refer to FPWH-1 on schedule
2. **Pre-Bid RFI 11:** Does the Ameristar wire works go all the way across south side of the building? Or is it in certain area? Civil landscape and architecture don't match up. Civil and landscape show it run the entire length of the south side but arch. Calls out a 4' guardrail.  
**Answer:** Civil:  
Ameristar is to stop where the retaining wall and railing begin.
3. **Pre-Bid RFI 12:** On page c402 at the entrance to the detention pond they are showing a double barrier gate- can we get specifics on how they want it or just standard pipe gates like normally installed for barrier? also on page L101 they are calling for a 30' double drive barrier arm gate and says " refer to manufacturer requirements. Is there a specific supplier or any details for this gate also.

**Answer:** Civil:

This gate is detailed on C804.

4. **Pre-Bid RFI 13:** Please provide a detail for the mechanical yard fencing.

**Answer:** Refer to revised sheets per Addendum 2.

5. **Pre-Bid RFI 14:** The Pre-engineered structures specification doesn't reference any soffit materials or finish. The plans show a soffit panel, but no description. Please advise.

**Answer:** To be addressed in addendum 3

6. **Pre-Bid RFI 15:** question on the liner. Do they want liner down the whole duct or just the 1<sup>st</sup> 10 feet?

6.1 Exposed, Return-Air Duct and Plenum Minimum Insulation: Closed Cell Liner, 1 inch thick and 0.75-lb/cu. ft. nominal density to prevent condensation.

6.2 Exposed, Supply-

Air Spiral round duct insulation: Closed Cell Liner, 1 inch thick and 0.75-lb/cu. ft. nominal density to prevent condensation.

**Answer:** Provide liner from first 10' from DOAS unit for noise acoustics. Wrap is acceptable after. Exposed duct to be closed cell insulation.

7. **Pre-Bid RFI 16:** This might already be asked but wanting clarification on the storefront system the architect is wanting to us. The basis of design is Kawneer 451T but the drawings are detailed with a 6" system. I haven't run the calculations but wouldn't think it would be necessary at all the windows for structural reasons unless it's just a design thing. If you can clarify what they are wanting/needng I would appreciate it.

**Answer:** Basis of design is to be Kawneer 451T. A 6" system is not required.

8. **Pre-Bid RFI 17:** Hot water insulation schedule lists temperature ranges. I'm assuming I need to figure on at least 125? The thickness listed for 125 and higher are overboard (1.5 – 2.5"). We can not get these thicknesses to fit inside a wall cavity. Should we figure 1.5 on the overhead and 1" for the wall drops? (1" is more than sufficient). Specs also call for all concealed pipe to be jacketed with PVC. I am assuming that is misprint. Unnecessary cost for no benefit.

**Answer:** For 105-140 F water, 1.5" insulation is required for pipes greater than 1-1/2", 1" insulation is required for 1-1/4". It is acceptable to reduce insulation on drops inside wall as required to fit. Do not jacket concealed pipe with PVC, this is a misprint.

9. **Pre-Bid RFI 18:** Specs show a Berridge Tee-Lock. Every time they spec this panel, they end up using Berridge Zee-lock panel. Tee-Lock panel is the most expensive Berridge panel on the market. Just want clarification of what is requested in this bid. We can always VE it later if needed. Just do not want to be the high bid and not be invited to the descope.  
**Answer:** Berridge Zee lock is acceptable. Refer to revised specifications per Addendum 2
10. **Pre-Bid RFI 19:** What is the current access control system? Brand name. What is the current CCTV system? Both say to build new into existing systems. Also is the communications items, access control, cctv, data, fiber etc. Are these going to be bid on their own or under the EC?  
**Answer:** The Owner's standard is Genetec Synergis Enterprise.  
Owner's existing site ID will be utilized, the contractor shall be responsible for furnishing all necessary reader licenses required as well as any other licensing requirements beyond the site ID.  
Coordinate license purchasing with Owner upon bid award for site ID information.  
The Owner's standard for video management software is Genetec Omnicast Enterprise.  
This system will attach to the Owner's existing system ID and utilize the existing site license.  
The contractor will be responsible for furnishing all necessary camera licenses to make fully functional video management system.  
Coordinate license purchase with manufacturer for system ID.
11. **Pre-Bid RFI 20:** What manufacture is required for CK-1, CK-2 and CK-3? Section 10 1100 calls for Claridge Cork. Print ID101A calls for Koroseal.  
**Answer:** Koroseal

LIST OF ATTACHMENTS

Sections – (1)

07 4113 Metal Roof Panels

Sheets – (19) sized 36X48:

Civil:

Landscape: L201, L202, L301, L502,

Architecture:

Structural: S003, S201, S502, S602

Plumbing: P101, P102, P103, P104,

Mechanical: M101, M102

Electrical: E000, E101A, E101B, E302, ES101

END OF ADDENDUM



**SECTION 07 4113  
METAL ROOF PANELS**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Standing Seam Metal Roof Panels.
  - 1. Architectural roofing system of preformed steel panels.
  - 2. Flashing and trim adjacent to or part of architectural preformed steel panel roofing system.
  - 3. Refer to locations shown on drawings.
- B. Accessories and underlayment as required for complete installation.
- C. Gutters and downspouts adjacent to or part of architectural preformed steel panel roofing system.

**1.02 RELATED REQUIREMENTS**

- A. Section 06 1000 - Rough Carpentry: Roof sheathing.
- B. Section 07 2100 - Thermal Insulation: Rigid roof insulation.

**1.03 REFERENCE STANDARDS**

- A. AAMA 2605 - Voluntary Specification, Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Aluminum Extrusions and Panels (with Coil Coating Appendix); 2022.
- 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 A1011/A1011M - Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength; 2018a.
- E. ASTM D1970/D1970M - Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection; 2021.
- F. ASTM E96/E96M - Standard Test Methods for Water Vapor Transmission of Materials; 2016.
- G. IAS AC472 - Accreditation Criteria for Inspection Programs for Manufacturers of Metal Building Systems; 2018.
- H. ICC-ES AC188 - Acceptance Criteria for Roof Underlayments; 2012, with Editorial Revision (2015).

**1.04 SUBMITTALS**

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
  - 1. Storage and handling requirements and recommendations.
  - 2. Installation methods.
    - a. Include installation instructions.
  - 3. Specimen warranty.
- C. Shop Drawings: Include layouts of roof panels, details of edge and penetration conditions, spacing and type of connections, flashings, underlayments, and special conditions.
  - 1. Include accessories.
  - 2. Include project-specific details.
  - 3. Show work to be field-fabricated or field-assembled.
  - 4. Show interface with other work.
  - 5. Show all proposed seam and joint locations.
  - 6. Do not use architect's drawings as shop drawings.
  - 7. Scale of shop drawing details not less than 1-1/2" = 1'-0".

8. Show drawings, text and dimensions in black and white at a clear legible scale and size.
    - a. Color drawings that are not clearly legible will be returned without review.
  9. Include structural analysis signed and sealed by qualified structural engineer, indicating compliance of roofing system to specified loading conditions.
  10. Show roof panel layout on shop drawings. Include full panels and dimensions of cut panels. Comply with layout as indicated on drawings or as specified.
- D. Selection Samples: For each roofing system specified, submit color chips representing manufacturer's full range of available colors and patterns.
  - E. Verification Samples: For each roofing system specified, submit samples of minimum size 12 inches (305 mm) square, representing actual roofing metal, thickness, profile, color, and texture.
    1. Include typical panel joint in sample.
    2. Include typical fastening detail.
  - F. Manufacturer Qualification Statement: Provide documentation showing metal roof panel fabricator is accredited under IAS AC472.
  - G. Qualification Data: For Installer.
  - H. Warranty: Submit specified manufacturer's warranty and ensure that forms have been completed in Owner's name and are registered with manufacturer.

#### **1.05 QUALITY ASSURANCE**

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with not less than twenty years of documented experience.
- B. Installer Qualifications: Company specializing in performing work of the type specified and with at least ten years of documented experience.
  1. Contractor shall be authorized by the manufacturer to install specified materials 5 years prior to the bidding period through satisfactory project completion.
  2. Applicators shall have completed projects of similar scope using same or similar materials specified for a minimum of 10 years.
  3. Contractor shall provide full time, on-site superintendent or foreman experienced with the specified roofing from beginning through satisfactory project completion.
  4. Documentation stating that Project Manager, Job Site Superintendent and all other roofing applicators are employed directly by the Installer (no subcontracting of roofing installation will be permitted).
  5. Evidence of compliance with Oklahoma Bill #2180 "Roofing Contractor Registration Act", and current Commercial Endorsement with Oklahoma Construction Industries Board (CIB)
  6. Applicators shall be skilled in the application methods for all materials.
  7. Contractor shall maintain a daily record, on-site, documenting material installation and related project conditions.
  8. Contractor shall maintain a copy of all submittal documents, on-site, available at all times for reference.

#### **1.06 DELIVERY, STORAGE, AND HANDLING**

- A. Provide strippable plastic protection on prefinished roofing panels for removal after installation.
- B. Store roofing panels on project site as recommended by manufacturer to minimize damage to panels prior to installation.

#### **1.07 WARRANTY**

- A. See Section 01 7800 - Closeout Submittals, for additional warranty requirements.
- B. Finish Warranty: Provide manufacturer's special warranty covering failure of factory-applied exterior finish on metal roof panels and agreeing to repair or replace panels that show evidence of finish degradation, including significant fading, chalking, cracking, or peeling within specified warranty period of twenty years from Date of Substantial Completion.
- C. Waterproofing Warranty: Provide manufacturer's warranty for weathertightness of roofing system, including agreement to repair or replace roofing that fails to keep out water within

specified warranty period of twenty years from Date of Substantial Completion.

## **PART 2 PRODUCTS**

### **2.01 MANUFACTURERS**

- A. Basis of Design:
  - 1. Metal Roof Panels: Zee-Lock Panel manufactured by Berridge Manufacturing Co..
  - 2. Substitutions: See Section 016000-Product Requirements.

### **2.02 ARCHITECTURAL METAL ROOF PANELS**

- A. Architectural Metal Roofing: Provide complete engineered system complying with specified requirements and capable of remaining weathertight while withstanding anticipated movement of substrate and thermally induced movement of roofing system.
- B. Metal Panels: Factory-formed or Field Formed panels with factory-applied finish.
  - 1. Steel Panels:
    - a. Aluminum-zinc alloy-coated steel complying with ASTM A792/A792M; minimum AZ50 (AZM150) coating.
    - b. Steel Thickness: Minimum 22 gage.
  - 2. Profile: Standing seam, with minimum 2.0 inch (51 mm) seam height; concealed fastener system for field seaming with special tool.
  - 3. Texture: Smooth, with intermediate ribs for added stiffness.
  - 4. Length: Full length of roof slope, without lapped horizontal joints.
  - 5. Width: Maximum panel coverage of 18 inches (457 mm).

### **2.03 ATTACHMENT SYSTEM**

- A. Concealed System: Provide manufacturer's standard 0.064-inc nominal thickness, aluminum-zinc alloy coated steel concealed anchor clips designed for specific roofing system and engineered to meet performance requirements, including anticipated thermal movement.

### **2.04 SECONDARY FRAMING**

- A. Miscellaneous Secondary Framing: Light gage steel framing incidental to structural supports; fabricated from steel sheet.
- B. Framing Material: ASTM A 1011/A 1011M, Designation SS steel sheet.
  - 1. Profile: Manufacturer's standard cee, zee, asymmetrical zee, hat channel, plain channel, single slope eave strut, double slope eave strut, and angle.
  - 2. Thickness: 12 gage, 0.1046 inch (2.657 mm).
  - 3. Finish: Galvanized per ASTM A653/A653M, G90.
- C. Framing Connectors: Factory-made formed steel sheet, ASTM A653/A653M SS Grade 50, with G60/Z180 hot dipped galvanized coating and factory punched holes.

### **2.05 FABRICATION**

- A. Panels: Provide factory or field fabricated panels with applied finish and accessory items, using manufacturer's standard processes as required to achieve specified appearance and performance requirements.
- B. Joints: Provide captive gaskets, sealants, or separator strips at panel joints to ensure weathertight seals, eliminate metal-to-metal contact, and minimize noise from panel movements.

### **2.06 FINISHES**

- A. Two-Coat Fluoropolymer: AAMA 621. Fluoropolymer finish containing not less than 70 percent PVDF resin by weight in color coat applied by panel manufacturer on a continuous coil coating line, with a top side dry film thickness of  $0.75 \pm 0.05$  mil over  $0.2 \pm 0.05$  mil primer coat, to provide a total dry film thickness of  $0.95 \pm 0.10$  mil. Prepare, pretreat, and apply coating to exposed metal surfaces to comply with coating and resin manufacturers' written instructions.
- B. Mica Fluoropolymer: AAMA 621. Two-coat fluoropolymer finish with suspended mica flakes containing not less than 70 percent PVDF resin by weight in color coat applied by panel manufacturer on a continuous coil coating line, with a top side dry film thickness of  $0.75 \pm 0.05$

mil over 0.2± 0.05 mil primer coat, to provide a total dry film thickness of 0.95± 0.10 mil. Prepare, pretreat, and apply coating to exposed metal surfaces to comply with coating and resin manufacturers' written instructions.

- C. Concealed Finish: Apply pretreatment and manufacturer's standard white or light-colored acrylic or polyester backer finish consisting of prime coat and wash coat with a minimum total dry film thickness of 0.35 mil.

## 2.07 ACCESSORIES

- A. Miscellaneous Sheet Metal Items: Provide flashings, trim, moldings, closure strips, preformed crickets, caps, as indicated or as required for project, and similar sheet metal items of the same material, thickness, and finish as used for the roofing panels. Items completely concealed after installation may optionally be made of stainless steel.
  - 1. Flashing and Trim: Provide flashing and trim, formed from same material and manufacturers run as metal roof panels, required to seal against weather and provide finished appearance. Locations include, but are not limited to, eaves, rakes, corners, bases, framed openings, ridges, fascia, and fillers. Finish flashing and trim with same finish system as adjacent metal panels.
  - 2. Gutters: Formed from same material and manufacturer's run as roof panels, complete with end pieces, outlet tubes, and other special pieces as required. Fabricate in minimum 96-inch- long sections, of size and metal thickness according to SMACNA's "Architectural Sheet Metal Manual." Furnish gutter supports spaced a maximum of 36 inches on center, fabricated from same metal as gutters. Provide wire ball strainers of compatible metal at outlets. Finish gutters to match metal roof panels.
    - a. Gutter Profile: Square.
    - b. Provide continuous exterior-grade perforated gutter guard, concealed from view.
  - 3. Downspouts: Formed from same material and manufacturer's run as roof panels unless indicated otherwise on drawings. Fabricate in 10-foot- long sections, complete with formed elbows and offsets, of size and metal thickness according to SMACNA's "Architectural Sheet Metal Manual." Finish downspouts to match gutters. Furnish gutter supports spaced a maximum of 36 inches on center, fabricated from same metal as gutters.
  - 4. Roof Curbs: Fabricated from same material as roof panels, 22 Ga nominal thickness; galvalume or stainless steel; supply an integral full-length cricket for curbs wider than 24 inches supported by a structural metal deck. Fabricate curb flashing from 22 Ga On open framing, provide roof underlayment and decking at and about roof curb per roofing manufacturer's requirements. Maintain a minimum of 1/2 of roofing panel width on each side of roof curb, and start panels a minimum of 9 inches up slope of roof curb, flashing roofing panels to roof curb per roofing manufacturer's requirements.. Fabricate curb and sub framing to withstand indicated loads of size and height of roof top equipment. Where required insulate roof curbs with rigid insulation.
- B. Panel Fasteners: Zinc-coated steel, corrosion resisting steel, zinc cast head, or nylon capped steel, type and size as approved for the applicable loading requirements.
- C. Rib and Ridge Closures: Provide prefabricated, close-fitting components of steel with corrosion resistant finish or combination steel and closed-cell foam.
- D. Weatherseal: Manufacturer's standard as required for watertight warranty.
- E. Sealants:
  - 1. Exposed Sealant: Elastomeric; silicone, polyurethane, or silyl-terminated polyether/polyurethane.
  - 2. Concealed Sealant: Non-curing butyl sealant or tape sealant.
  - 3. Seam Sealant: Factory-applied, non-skinning, non-drying type.
- F. Underlayment: Self-adhering rubber-modified asphalt sheet complying with ASTM D1970/D1970M; 40 mil (1 mm) total thickness; with strippable release film and woven polyolefin top surface.
  - 1. Minimum Requirements: Comply with requirements of ICC-ES AC188 for non-self-adhesive sheet.
  - 2. Sheet Thickness: 40 mil, 0.040 inch (1.02 mm) minimum total thickness.

3. Self Sealability: Passing nail sealability test specified in ASTM D1970/D1970M.
4. Adhesion to plywood at 40 deg F, lbf/ft: 10 lbf/ft in ASTM D1970
5. Low Temperature Flexibility: Passing test specified in ASTM D1970/D1970M.
6. Water Vapor Permeance: 0.1 perm (5.72 ng/Pa s sq m), maximum, when tested in accordance with ASTM E96/E96M Procedure A (desiccant method).
7. Minimum Thermal Stability:
  - a. Thermal Stability: Stable after testing at 240 deg F (116 deg C); ASTM D 1970.
  - b. Low-Temperature Flexibility: Passes after testing at minus 20 deg F (29 deg C); ASTM D 1970.
8. Building paper or felt is not allowed.
9. Manufacturers:
  - a. Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
    - 1) Henry Company; Blueskin PE200HT: [www.henry.com/#sle](http://www.henry.com/#sle).
    - 2) Polyglass USA, Inc; Polystick MTS Self-Adhered High Temperature Roof Underlayment: [www.polyglass.us/#sle](http://www.polyglass.us/#sle).
    - 3) Soprema Lastobond Shield HT.
    - 4) Substitutions: See Section 01 6000 - Product Requirements.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION**

- A. Do not begin installation of preformed metal roof panels until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

### **3.02 PREPARATION**

- A. Broom clean wood sheathing prior to installation of roofing system.
- B. Coordinate roofing work with provisions for roof drainage, flashing, trim, penetrations, and other adjoining work to assure that the completed roof will be free of leaks.
- C. Remove protective film from surface of roof panels immediately prior to installation. Strip film carefully, to avoid damage to prefinished surfaces.
- D. Separate dissimilar metals by applying a bituminous coating, self-adhering rubberized asphalt sheet, or other permanent method approved by roof panel manufacturer.
- E. Where metal will be in contact with wood or other absorbent material subject to wetting, seal joints with sealing compound and apply one coat of heavy-bodied bituminous paint.

### **3.03 FABRICATION**

- A. General: Fabricate and finish metal panels and accessories at the factory, by manufacturer's standard procedures and processes, as necessary to fulfill indicated performance requirements demonstrated by laboratory testing. Comply with indicated profiles and with dimensional and structural requirements.
- B. On-Site Fabrication: Subject to compliance with requirements of this Section, metal panels may be fabricated on-site using factory set, non-adjustable portable roll-forming equipment if panels are of same profile and warranted by manufacturer to be equal to factory-formed panels. Fabricate according to equipment manufacturer's written instructions and to comply with details shown.
- C. Sheet Metal Flashing and Trim: Fabricate flashing and trim to comply with manufacturer's recommendations and recommendations in SMACNA's "Architectural Sheet Metal Manual" that apply to design, dimensions, metal, and other characteristics of item indicated.
  1. Form exposed sheet metal accessories that are without excessive oil canning, buckling, and tool marks and that are true to line and levels indicated, with exposed edges folded back to form hems.

2. Sealed Joints: Form non-expansion, but movable, joints in metal to accommodate sealant and to comply with SMACNA standards.
3. Fabricate cleats and attachment devices from same material as accessory being anchored or from compatible, noncorrosive metal recommended in writing by metal panel manufacturer.
  - a. Size: As recommended by SMACNA's "Architectural Sheet Metal Manual" or metal panel manufacturer for application, but not less than thickness of metal being secured.

### **3.04 INSTALLATION**

- A. Overall: Install roofing system in accordance with approved shop drawings and panel manufacturer's instructions and recommendations, as applicable to specific project conditions. Anchor all components of roofing system securely in place while allowing for thermal and structural movement.
  1. Install roofing system with concealed clips and fasteners, except as otherwise recommended by manufacturer for specific circumstances.
  2. Minimize field cutting of panels. Where field cutting is absolutely required, use methods that will not distort panel profiles. Use of torches for field cutting is absolutely prohibited.
    - a. Install panels with alignment as indicated on drawings.
      - 1) If layout is not indicated, center panels in area. Provide equally cut panels along perimeter as required for a centered layout. Do not use full panels at one side and work towards the other side resulting in a randomly cut panel.
- B. Accessories: Install all components required for a complete roofing assembly, including flashings, trim, moldings, closure strips, preformed crickets, caps, rib closures, ridge closures, and similar roof accessory items.
- C. Roof Panels: Install panels in strict accordance with manufacturer's instructions, minimizing transverse joints except at junction with penetrations.
  1. Form weathertight standing seams incorporating concealed clips, using an automatic mechanical seaming device approved by the panel manufacturer.
  2. Incorporate concealed clips at panel joints, and apply snap-on battens to provide weathertight joints.
  3. Provide sealant tape or other approved joint sealer at lapped panel joints.
  4. Install sealant or sealant tape, as recommended by panel manufacturer, at end laps and side joints.

### **3.05 CLEANING**

- A. Clean exposed sheet metal work at completion of installation. Remove grease and oil films, excess joint sealer, handling marks, and debris from installation, leaving the work clean and unmarked, free from dents, creases, waves, scratch marks, or other damage to the finish.

### **3.06 PROTECTION**

- A. Do not permit storage of materials or roof traffic on installed roof panels. Provide temporary walkways or planks as necessary to avoid damage to completed work. Protect roofing until completion of project.
- B. Touch-up, repair, or replace damaged roof panels or accessories before Date of Substantial Completion.

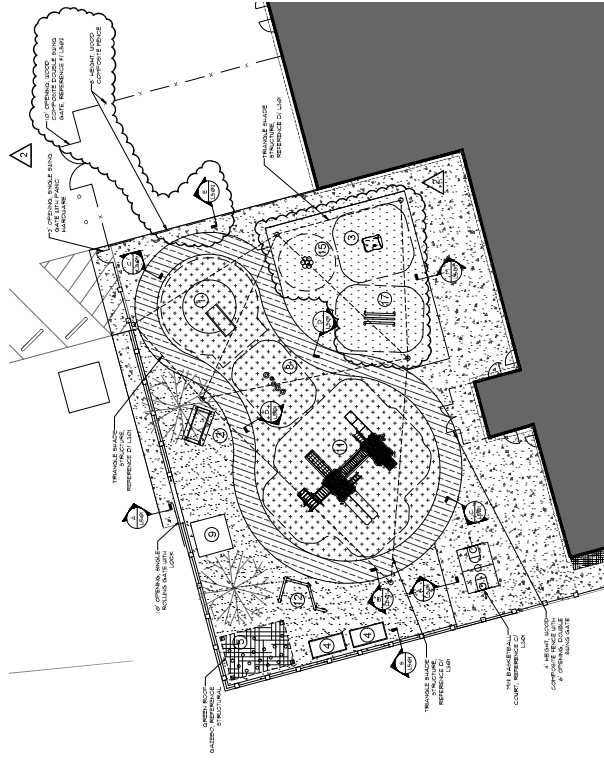
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**LEGEND**

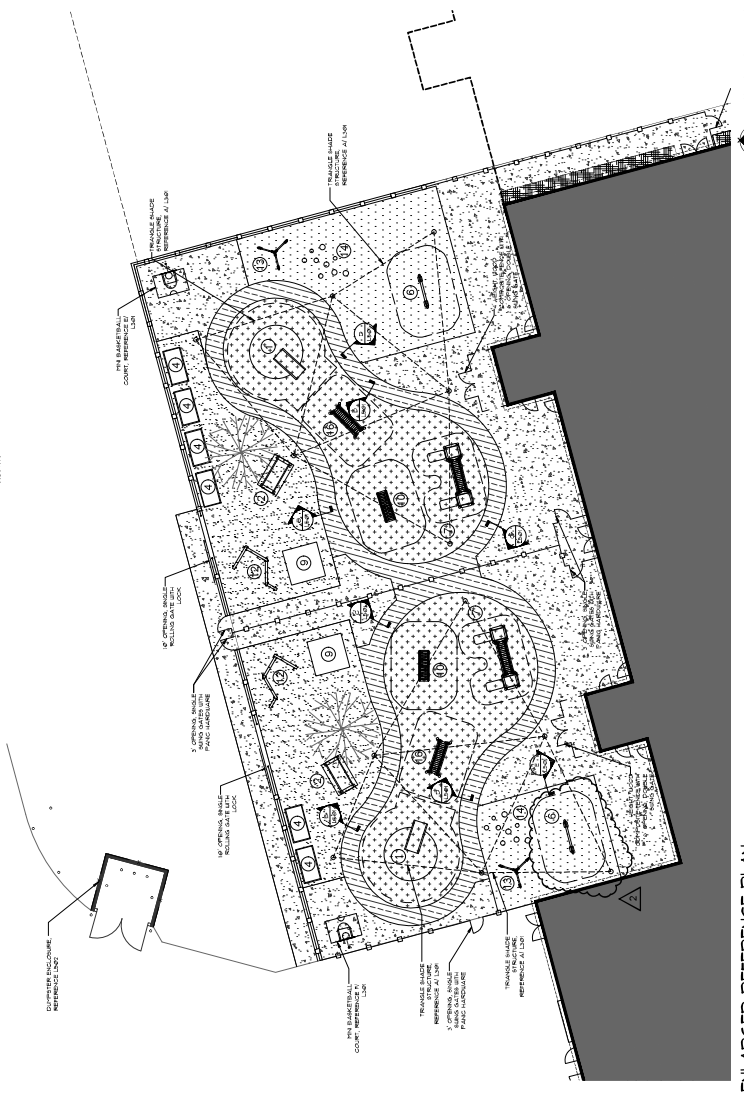
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	SOIL REFERENCE CALL		LANDSCAPE BED REFERENCE CALL
	FENCE REFERENCE CALL		GATE REFERENCE CALL
	PLANT REFERENCE CALL		LIGHT REFERENCE CALL

**PLAYGROUND EQUIPMENT LEGEND**

1. 16' PLAYGROUND SWING SET BY HANOVER LUM
2. 6' SQUARE PLATFORM TABLE BY BEARER PLAYWORKS
3. 6'x6' WOODEN PLATFORM BY BEARER PLAYWORKS
4. 6'x6' WOODEN PLATFORM WITH RAMP BY BEARER PLAYWORKS
5. 6'x6' WOODEN PLATFORM WITH RAMP AND COVER BY BEARER PLAYWORKS
6. 6'x6' WOODEN PLATFORM WITH RAMP AND COVER BY BEARER PLAYWORKS
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17. 6'x6' WOODEN PLATFORM WITH RAMP AND COVER BY BEARER PLAYWORKS
18. 6'x6' WOODEN PLATFORM WITH RAMP AND COVER BY BEARER PLAYWORKS
19. 6'x6' WOODEN PLATFORM WITH RAMP AND COVER BY BEARER PLAYWORKS
20. 6'x6' WOODEN PLATFORM WITH RAMP AND COVER BY BEARER PLAYWORKS



**A** ENLARGED REFERENCE PLAN  
1" = 10'-0"

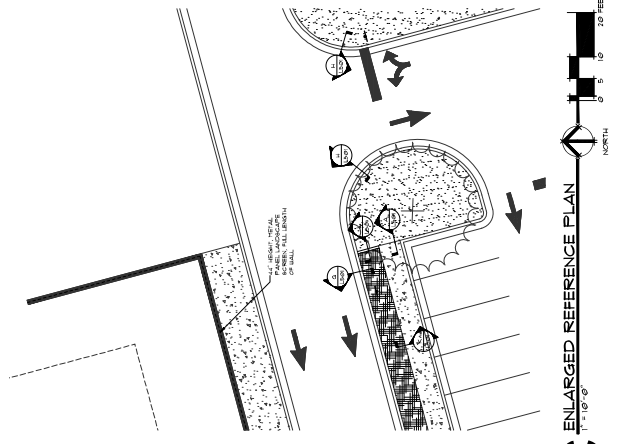
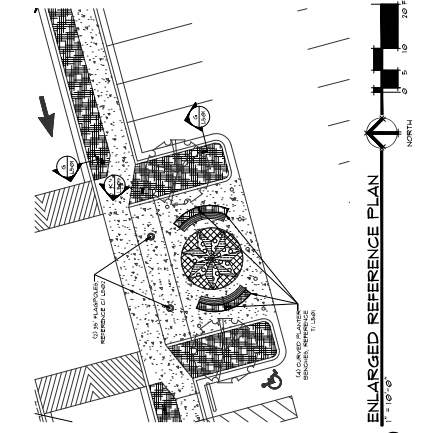
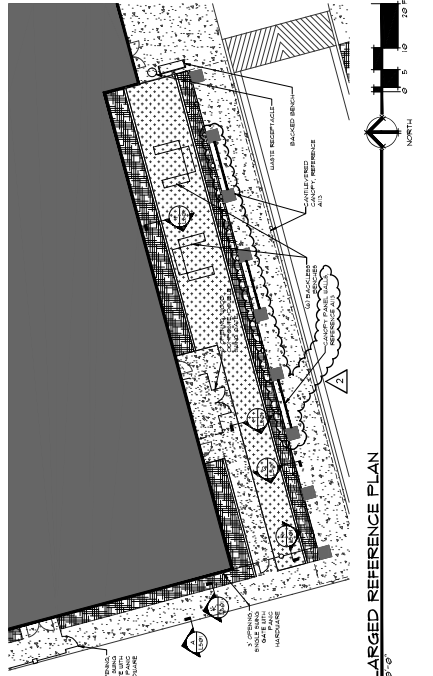
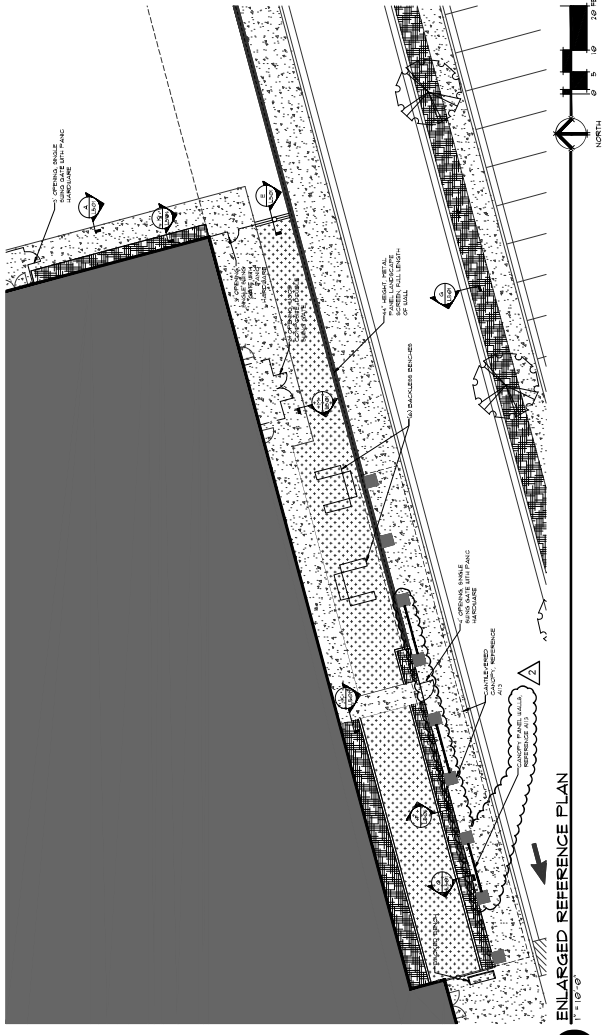


**B** ENLARGED REFERENCE PLAN  
1" = 10'-0"

**LEGEND**

	CONCRETE PAVING REFERENCE GRID		LANDSCAPE BED
	ASPHALT		SYNTHETIC TURF TYPE 1
	DECORATIVE CONCRETE COLORS		DECORATIVE CONCRETE COLORS
	DECORATIVE CONCRETE COLORS		DECORATIVE CONCRETE COLORS
	DECORATIVE CONCRETE COLORS		DECORATIVE CONCRETE COLORS

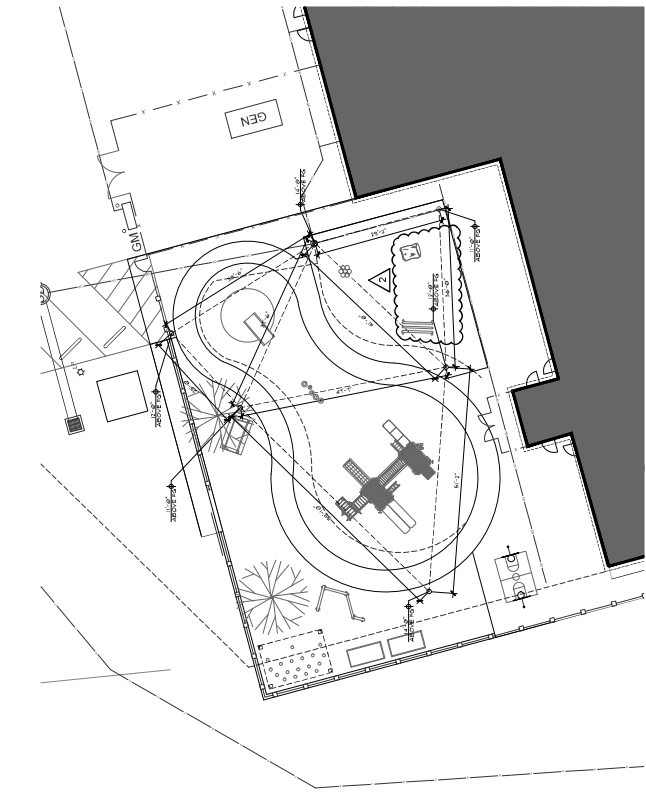
IF HEIGHT ANTICIPATES WIND PROBLEMS AND GATES BLUISH  
 A. 1/8" DIA. UNFINISHED CONCRETE CHAIN LINK FENCING AND GATES WITH PRIVACY ARCHITECT  
 B. 1/8" DIA. UNFINISHED CONCRETE CHAIN LINK FENCING AND GATES WITH PRIVACY ARCHITECT  
 C. 1/8" DIA. UNFINISHED CONCRETE CHAIN LINK FENCING AND GATES WITH PRIVACY ARCHITECT  
 D. 1/8" DIA. UNFINISHED CONCRETE CHAIN LINK FENCING AND GATES WITH PRIVACY ARCHITECT  
 E. 1/8" DIA. UNFINISHED CONCRETE CHAIN LINK FENCING AND GATES WITH PRIVACY ARCHITECT  
 F. 1/8" DIA. UNFINISHED CONCRETE CHAIN LINK FENCING AND GATES WITH PRIVACY ARCHITECT  
 G. 1/8" DIA. UNFINISHED CONCRETE CHAIN LINK FENCING AND GATES WITH PRIVACY ARCHITECT  
 H. 1/8" DIA. UNFINISHED CONCRETE CHAIN LINK FENCING AND GATES WITH PRIVACY ARCHITECT  
 I. 1/8" DIA. UNFINISHED CONCRETE CHAIN LINK FENCING AND GATES WITH PRIVACY ARCHITECT  
 J. 1/8" DIA. UNFINISHED CONCRETE CHAIN LINK FENCING AND GATES WITH PRIVACY ARCHITECT  
 K. 1/8" DIA. UNFINISHED CONCRETE CHAIN LINK FENCING AND GATES WITH PRIVACY ARCHITECT  
 L. 1/8" DIA. UNFINISHED CONCRETE CHAIN LINK FENCING AND GATES WITH PRIVACY ARCHITECT  
 M. 1/8" DIA. UNFINISHED CONCRETE CHAIN LINK FENCING AND GATES WITH PRIVACY ARCHITECT  
 N. 1/8" DIA. UNFINISHED CONCRETE CHAIN LINK FENCING AND GATES WITH PRIVACY ARCHITECT  
 O. 1/8" DIA. UNFINISHED CONCRETE CHAIN LINK FENCING AND GATES WITH PRIVACY ARCHITECT  
 P. 1/8" DIA. UNFINISHED CONCRETE CHAIN LINK FENCING AND GATES WITH PRIVACY ARCHITECT  
 Q. 1/8" DIA. UNFINISHED CONCRETE CHAIN LINK FENCING AND GATES WITH PRIVACY ARCHITECT  
 R. 1/8" DIA. UNFINISHED CONCRETE CHAIN LINK FENCING AND GATES WITH PRIVACY ARCHITECT  
 S. 1/8" DIA. UNFINISHED CONCRETE CHAIN LINK FENCING AND GATES WITH PRIVACY ARCHITECT  
 T. 1/8" DIA. UNFINISHED CONCRETE CHAIN LINK FENCING AND GATES WITH PRIVACY ARCHITECT  
 U. 1/8" DIA. UNFINISHED CONCRETE CHAIN LINK FENCING AND GATES WITH PRIVACY ARCHITECT  
 V. 1/8" DIA. UNFINISHED CONCRETE CHAIN LINK FENCING AND GATES WITH PRIVACY ARCHITECT  
 W. 1/8" DIA. UNFINISHED CONCRETE CHAIN LINK FENCING AND GATES WITH PRIVACY ARCHITECT  
 X. 1/8" DIA. UNFINISHED CONCRETE CHAIN LINK FENCING AND GATES WITH PRIVACY ARCHITECT  
 Y. 1/8" DIA. UNFINISHED CONCRETE CHAIN LINK FENCING AND GATES WITH PRIVACY ARCHITECT  
 Z. 1/8" DIA. UNFINISHED CONCRETE CHAIN LINK FENCING AND GATES WITH PRIVACY ARCHITECT



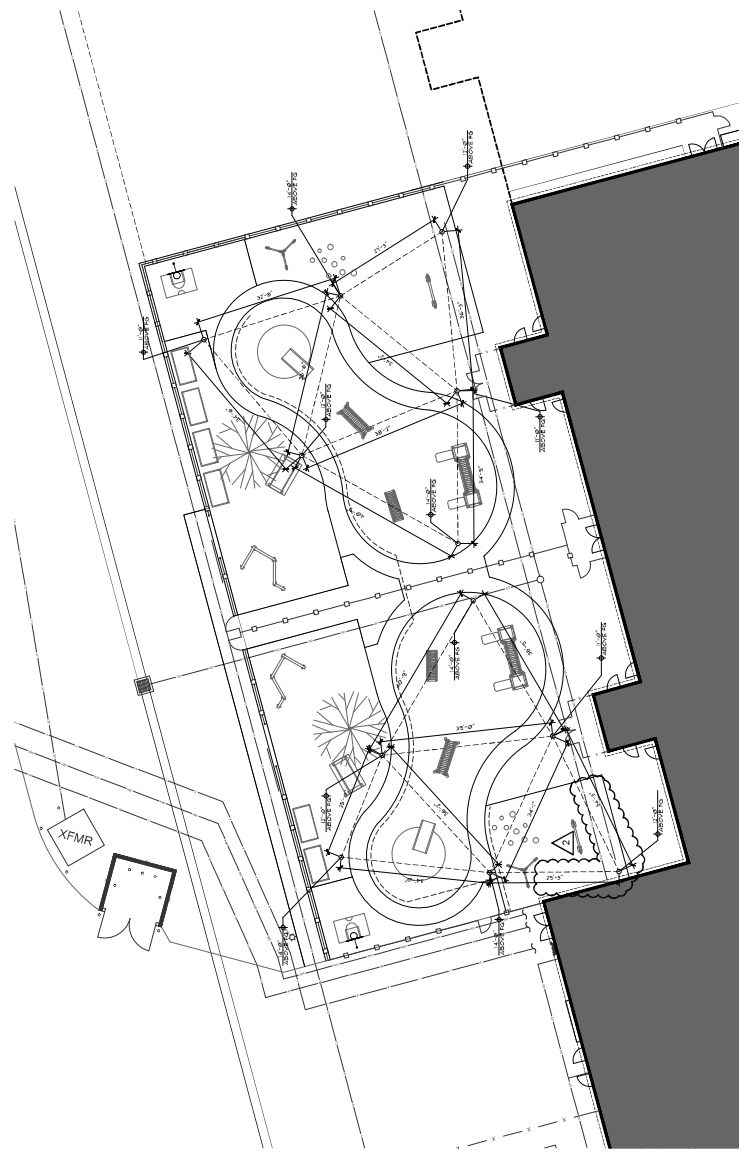


**LEGEND**

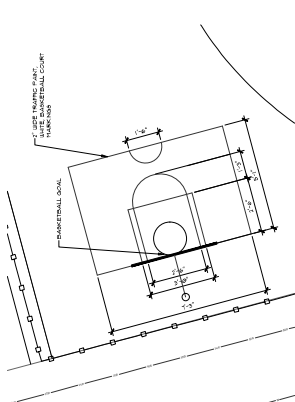
	CONCRETE SLAB		LANDSCAPE BED
	ARCHITECTURAL CONCRETE, COUR 1		ARCHITECTURAL CONCRETE, COUR 2
	ARCHITECTURAL CONCRETE, COUR 3		ARCHITECTURAL CONCRETE, COUR 4
	ARCHITECTURAL CONCRETE, COUR 5		



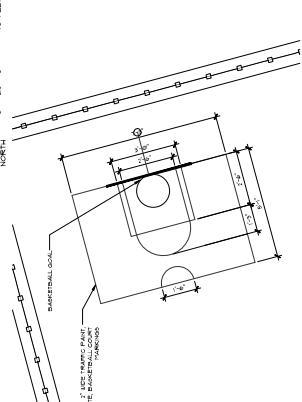
**D** LAYOUT AND DIMENSION PLAN



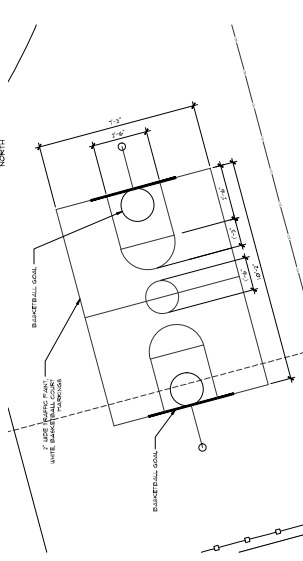
**A** LAYOUT AND DIMENSION PLAN



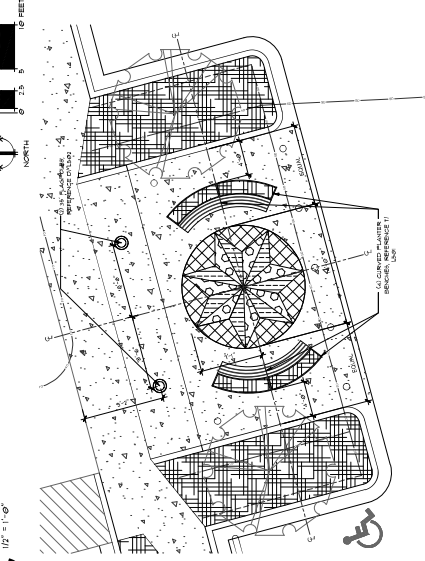
**F** LAYOUT AND DIMENSION PLAN



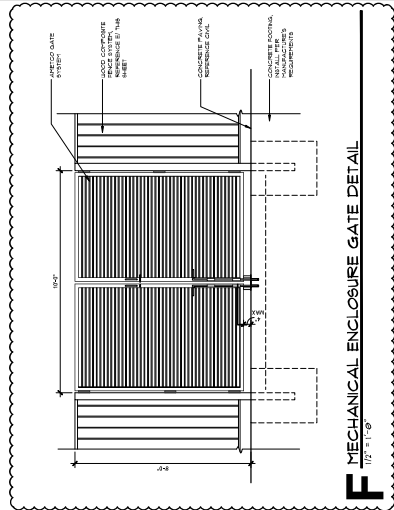
**E** LAYOUT AND DIMENSION PLAN



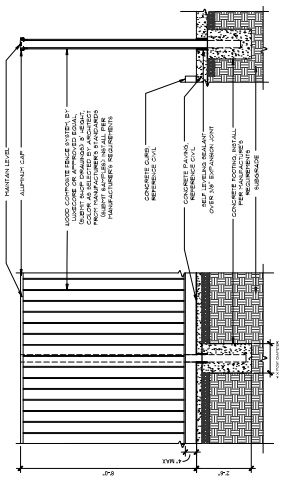
**C** LAYOUT AND DIMENSION PLAN



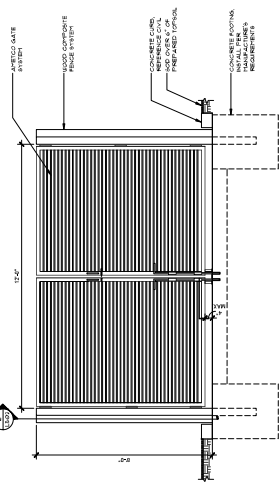
**B** LAYOUT AND DIMENSION PLAN



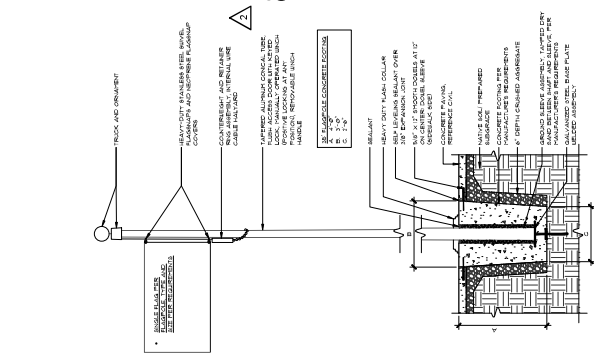
**F** MECHANICAL ENCLOSURE GATE DETAIL  
1/2" = 1'-0"



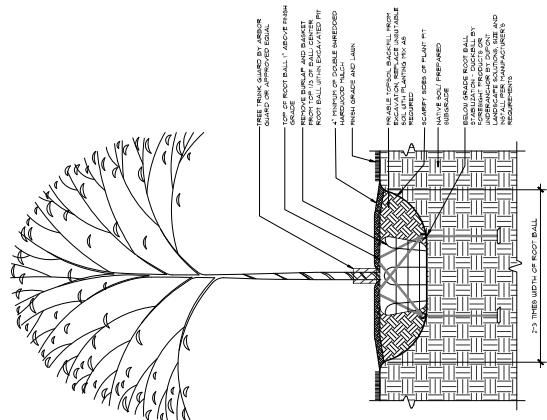
**E** WOOD COMPOSITE WALL SECTION DETAIL  
1/2" = 1'-0"



**B** DUMPSTER ENCLOSURE GATE DETAIL  
1/2" = 1'-0"



**C** FLAGPOLE DETAIL  
1/2" = 1'-0"

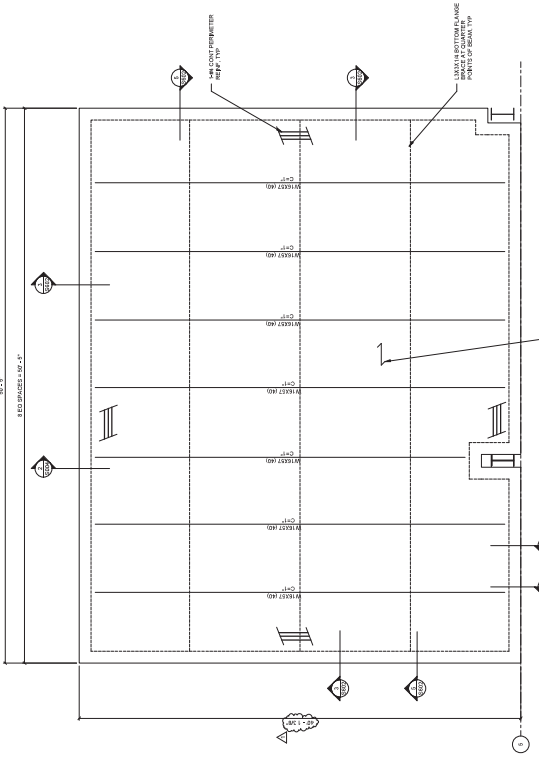
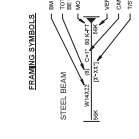


**D** DUMPSTER ENCLOSURE PLAN DETAIL  
1/2" = 1'-0"

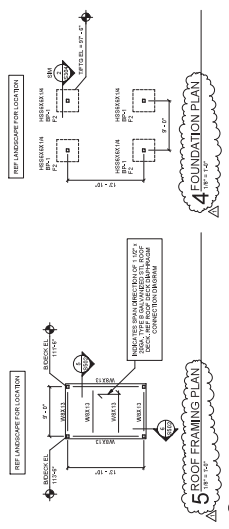
**A** DUMPSTER ENCLOSURE PLAN DETAIL  
1/2" = 1'-0"



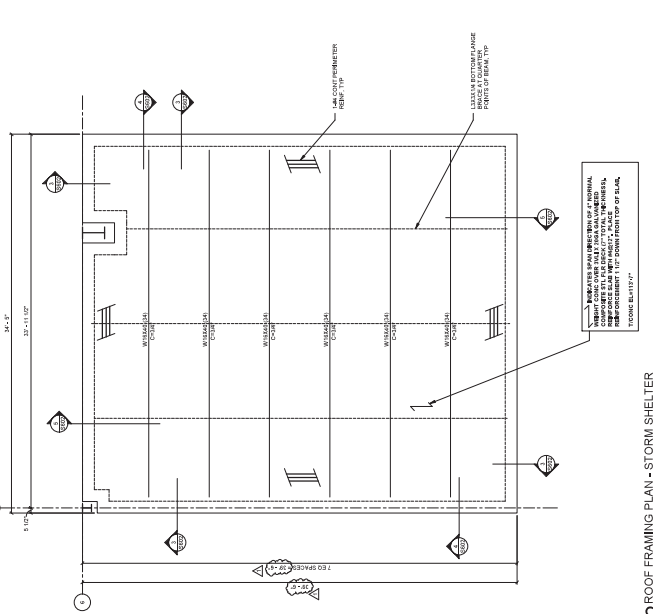
- GENERAL NOTES:**
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  2. REFER TO ALL DRAWINGS FOR DIMENSIONS AND NOTES.
  3. REFER TO ALL DRAWINGS FOR DIMENSIONS AND NOTES.
  4. REFER TO ALL DRAWINGS FOR DIMENSIONS AND NOTES.
  5. REFER TO ALL DRAWINGS FOR DIMENSIONS AND NOTES.
  6. REFER TO ALL DRAWINGS FOR DIMENSIONS AND NOTES.
  7. REFER TO ALL DRAWINGS FOR DIMENSIONS AND NOTES.
  8. REFER TO ALL DRAWINGS FOR DIMENSIONS AND NOTES.
  9. REFER TO ALL DRAWINGS FOR DIMENSIONS AND NOTES.
  10. REFER TO ALL DRAWINGS FOR DIMENSIONS AND NOTES.
  11. REFER TO ALL DRAWINGS FOR DIMENSIONS AND NOTES.
  12. REFER TO ALL DRAWINGS FOR DIMENSIONS AND NOTES.
  13. REFER TO ALL DRAWINGS FOR DIMENSIONS AND NOTES.
  14. REFER TO ALL DRAWINGS FOR DIMENSIONS AND NOTES.
  15. REFER TO ALL DRAWINGS FOR DIMENSIONS AND NOTES.
  16. REFER TO ALL DRAWINGS FOR DIMENSIONS AND NOTES.



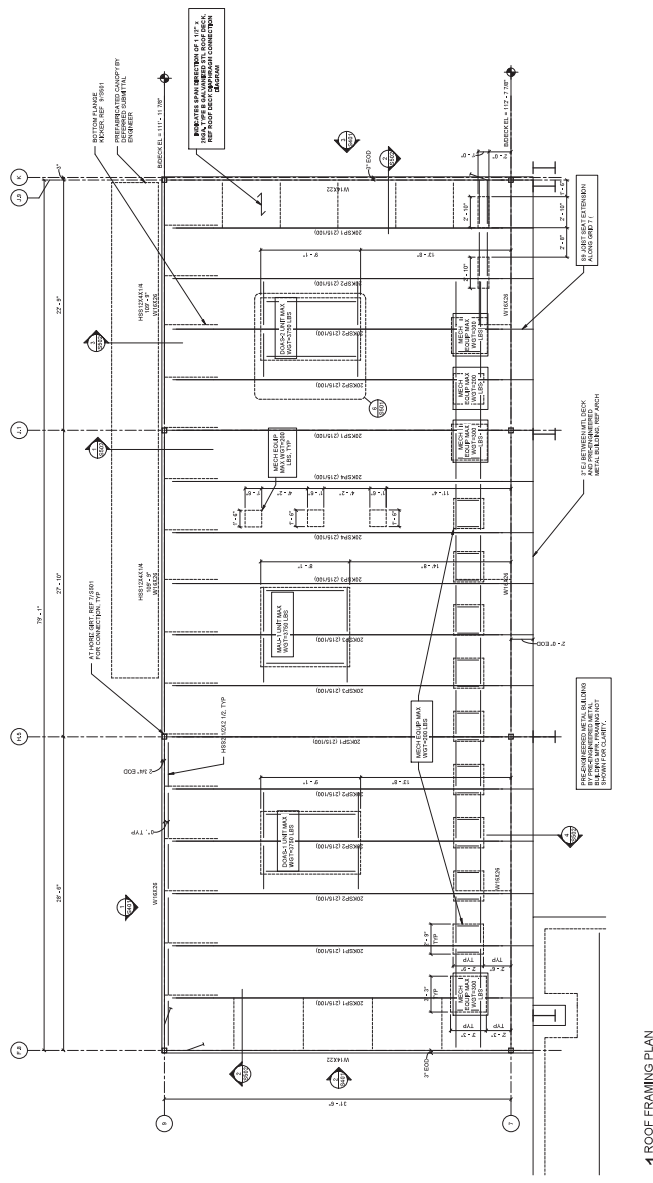
3 ROOF FRAMING PLAN - STORM SHELTER



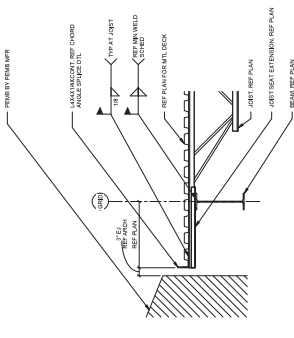
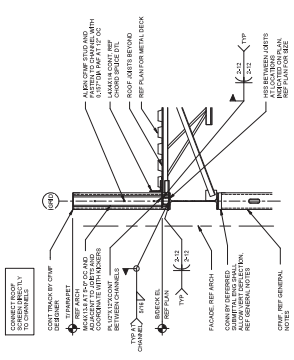
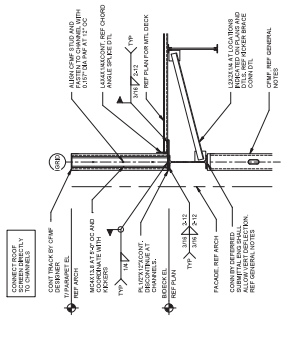
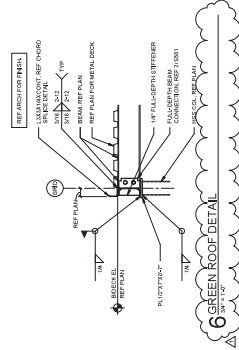
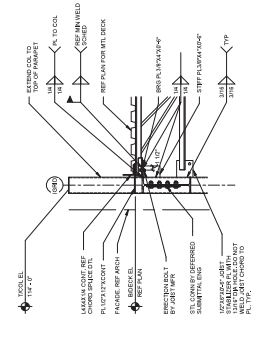
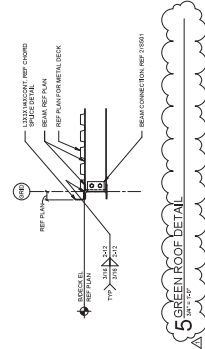
4 FOUNDATION PLAN



2 ROOF FRAMING PLAN - STORM SHELTER



1 ROOF FRAMING PLAN



5 GREEN ROOF DETAIL

1 FRAMING DETAIL

6 GREEN ROOF DETAIL

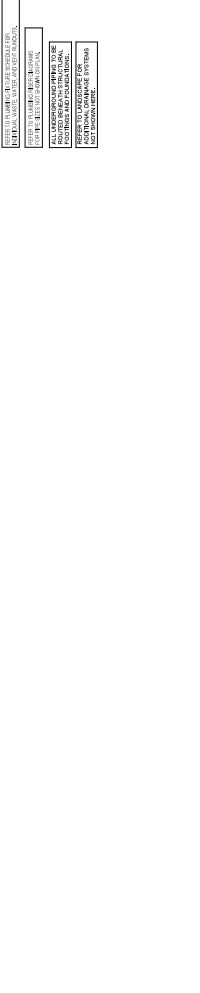
2 FRAMING DETAIL

3 FRAMING DETAIL

4 FRAMING DETAIL



KITCHEN EQUIPMENT PLUMBING CONNECTION SCHEDULE									
EQP. PNO.	EQP. SIZE	EQP. PCONN.	EQP. PREVIC TO	EQP. P/MP	EQP. P/MP	EQP. PREMARKS			
PH	4"	FLOOR DRAIN	4" WATER DRAIN	FLOOR	VERIFY	LOCATE FLOOR DRAIN BY COLUMBIA			
PH	1/2"	FLOOR DRAIN	GENERAL AREA DRAIN	FLOOR	VERIFY	LOCATE FLOOR DRAIN BY DRAWING			
PH	1/2"	DIRECT DRAIN	WALL DRAIN	WALL	VERIFY	LOCATE FLOOR DRAIN BY DRAWING			
PH	1/2"	FLOOR DRAIN	ICE MACHINE	FLOOR	VERIFY	LOCATE FLOOR DRAIN BY DRAWING			
PH	1/2"	FLOOR DRAIN	COFFEE MAKER	FLOOR	VERIFY	LOCATE FLOOR DRAIN BY DRAWING			
PH	1/2"	DIRECT DRAIN	WALL DRAIN	WALL	VERIFY	LOCATE FLOOR DRAIN BY DRAWING			
PH	1/2"	FLOOR DRAIN	WALL DRAIN	WALL	VERIFY	LOCATE FLOOR DRAIN BY DRAWING			
PH	1/2"	FLOOR DRAIN	CONNECTOR STEAMER	FLOOR	VERIFY	LOCATE FLOOR DRAIN BY DRAWING			
PH	1/2"	FLOOR DRAIN	EQUIPMENT	FLOOR	VERIFY	LOCATE FLOOR DRAIN BY DRAWING			
PH	1/2"	FLOOR DRAIN	ICE MACHINE	FLOOR	VERIFY	LOCATE FLOOR DRAIN BY DRAWING			
PH	1/2"	FLOOR DRAIN	ICE MACHINE	FLOOR	VERIFY	LOCATE FLOOR DRAIN BY DRAWING			



- REVISIONS**
1. CORRECT REVISIONS TO THE DRAWING FOR THE CLIENT'S REVIEW.
  2. CORRECT REVISIONS TO THE DRAWING FOR THE CLIENT'S REVIEW.
  3. CORRECT REVISIONS TO THE DRAWING FOR THE CLIENT'S REVIEW.
  4. CORRECT REVISIONS TO THE DRAWING FOR THE CLIENT'S REVIEW.
  5. CORRECT REVISIONS TO THE DRAWING FOR THE CLIENT'S REVIEW.
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  7. CORRECT REVISIONS TO THE DRAWING FOR THE CLIENT'S REVIEW.
  8. CORRECT REVISIONS TO THE DRAWING FOR THE CLIENT'S REVIEW.
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  18. CORRECT REVISIONS TO THE DRAWING FOR THE CLIENT'S REVIEW.
  19. CORRECT REVISIONS TO THE DRAWING FOR THE CLIENT'S REVIEW.
  20. CORRECT REVISIONS TO THE DRAWING FOR THE CLIENT'S REVIEW.

**blue river ARCHITECTS**

20230511  
081624  
CONSTRUCTION DOCUMENTS

1924 COUNTRY CLUB DRIVE, CATOOSA, OKLAHOMA 74015

**CHEROKEE NATION CATOOSA CHILD DEVELOPMENT CENTER**

PLUMBING PLAN - WASTE & VENT - AREA A

P101

**blue river ARCHITECTS**

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P101

**blue river ARCHITECTS**

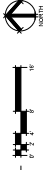
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1924 COUNTRY CLUB DRIVE, CATOOSA, OKLAHOMA 74015

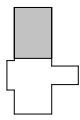
**CHEROKEE NATION CATOOSA CHILD DEVELOPMENT CENTER**

PLUMBING PLAN - WASTE & VENT - AREA A

P101

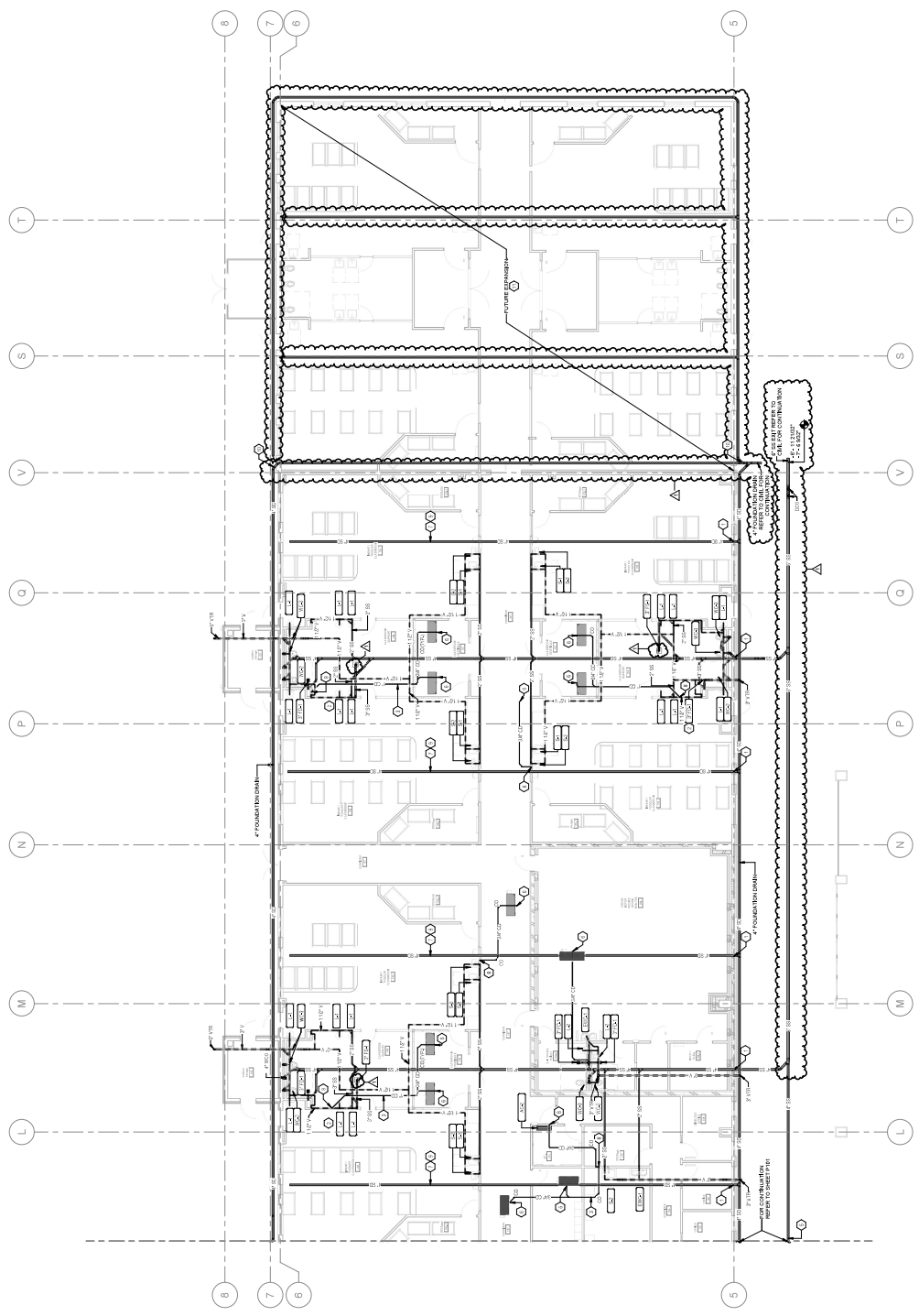


**A PLUMBING PLAN - WASTE & VENT**  
1/8" = 1'-0"



- REVISIONS**
1. CORRECT WASTE PIPING CONNECTIONS FOR ALL TOILETS, SINKS, AND SHOWERS.
  2. VERIFY ALL SINKS AND TOILETS ARE PROPERLY CONNECTED TO THE MAIN WASTE LINE.
  3. PROVIDE SINKS AND TOILETS WITH PROPER VENTING TO THE ROOF.
  4. VERIFY ALL SINKS AND TOILETS ARE PROPERLY CONNECTED TO THE MAIN WASTE LINE.
  5. VERIFY ALL SINKS AND TOILETS ARE PROPERLY CONNECTED TO THE MAIN WASTE LINE.
  6. VERIFY ALL SINKS AND TOILETS ARE PROPERLY CONNECTED TO THE MAIN WASTE LINE.
  7. VERIFY ALL SINKS AND TOILETS ARE PROPERLY CONNECTED TO THE MAIN WASTE LINE.
  8. VERIFY ALL SINKS AND TOILETS ARE PROPERLY CONNECTED TO THE MAIN WASTE LINE.
  9. VERIFY ALL SINKS AND TOILETS ARE PROPERLY CONNECTED TO THE MAIN WASTE LINE.
  10. VERIFY ALL SINKS AND TOILETS ARE PROPERLY CONNECTED TO THE MAIN WASTE LINE.
  11. VERIFY ALL SINKS AND TOILETS ARE PROPERLY CONNECTED TO THE MAIN WASTE LINE.

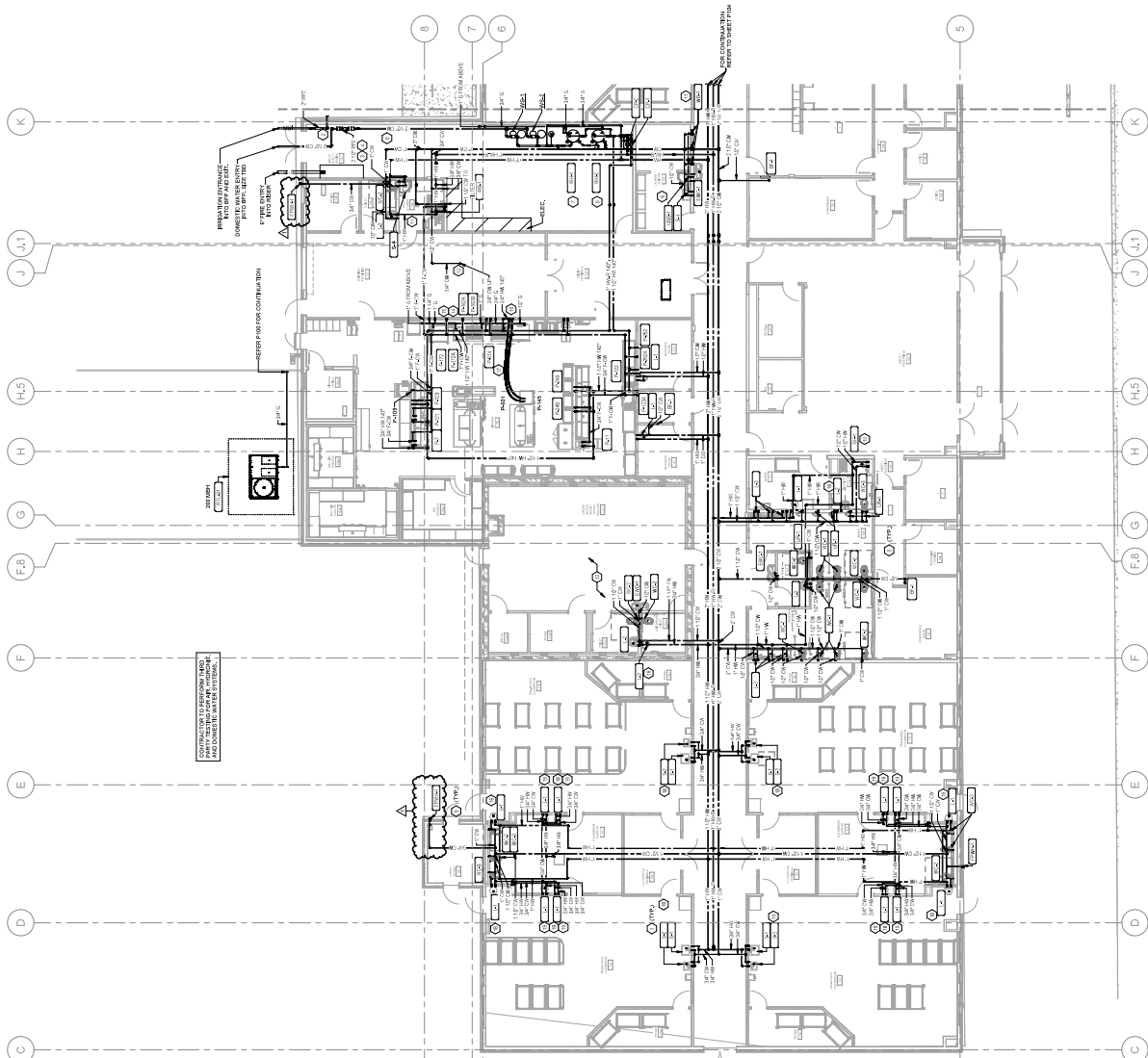
SEE PLAN FOR THE LOCATION OF ALL WASTE AND VENT PIPING. ALL CONNECTIONS MUST BE MADE IN ACCORDANCE WITH THE OREGON PLUMBING CODE. PROVIDE SINKS AND TOILETS WITH PROPER VENTING TO THE ROOF.



**A** PLUMBING PLAN - WASTE & VENT  
1/8" = 1'-0"



ROOM NO.	PIPE	PIPE ROOM	PIPE SERVICE TO	PIPE SIZE	PIPE MATERIAL
P101	3/4"	MECH	MECH ROOM	3/4"	CPVC
P102	1/2"	MECH	MECH ROOM	1/2"	CPVC
P103	1/2"	MECH	MECH ROOM	1/2"	CPVC
P104	1/2"	MECH	MECH ROOM	1/2"	CPVC
P105	1/2"	MECH	MECH ROOM	1/2"	CPVC
P106	1/2"	MECH	MECH ROOM	1/2"	CPVC
P107	1/2"	MECH	MECH ROOM	1/2"	CPVC
P108	1/2"	MECH	MECH ROOM	1/2"	CPVC
P109	1/2"	MECH	MECH ROOM	1/2"	CPVC
P110	1/2"	MECH	MECH ROOM	1/2"	CPVC
P111	1/2"	MECH	MECH ROOM	1/2"	CPVC
P112	1/2"	MECH	MECH ROOM	1/2"	CPVC
P113	1/2"	MECH	MECH ROOM	1/2"	CPVC
P114	1/2"	MECH	MECH ROOM	1/2"	CPVC
P115	1/2"	MECH	MECH ROOM	1/2"	CPVC
P116	1/2"	MECH	MECH ROOM	1/2"	CPVC
P117	1/2"	MECH	MECH ROOM	1/2"	CPVC
P118	1/2"	MECH	MECH ROOM	1/2"	CPVC
P119	1/2"	MECH	MECH ROOM	1/2"	CPVC
P120	1/2"	MECH	MECH ROOM	1/2"	CPVC
P121	1/2"	MECH	MECH ROOM	1/2"	CPVC
P122	1/2"	MECH	MECH ROOM	1/2"	CPVC
P123	1/2"	MECH	MECH ROOM	1/2"	CPVC
P124	1/2"	MECH	MECH ROOM	1/2"	CPVC
P125	1/2"	MECH	MECH ROOM	1/2"	CPVC
P126	1/2"	MECH	MECH ROOM	1/2"	CPVC
P127	1/2"	MECH	MECH ROOM	1/2"	CPVC
P128	1/2"	MECH	MECH ROOM	1/2"	CPVC
P129	1/2"	MECH	MECH ROOM	1/2"	CPVC
P130	1/2"	MECH	MECH ROOM	1/2"	CPVC
P131	1/2"	MECH	MECH ROOM	1/2"	CPVC
P132	1/2"	MECH	MECH ROOM	1/2"	CPVC
P133	1/2"	MECH	MECH ROOM	1/2"	CPVC
P134	1/2"	MECH	MECH ROOM	1/2"	CPVC
P135	1/2"	MECH	MECH ROOM	1/2"	CPVC
P136	1/2"	MECH	MECH ROOM	1/2"	CPVC
P137	1/2"	MECH	MECH ROOM	1/2"	CPVC
P138	1/2"	MECH	MECH ROOM	1/2"	CPVC
P139	1/2"	MECH	MECH ROOM	1/2"	CPVC
P140	1/2"	MECH	MECH ROOM	1/2"	CPVC
P141	1/2"	MECH	MECH ROOM	1/2"	CPVC
P142	1/2"	MECH	MECH ROOM	1/2"	CPVC
P143	1/2"	MECH	MECH ROOM	1/2"	CPVC
P144	1/2"	MECH	MECH ROOM	1/2"	CPVC
P145	1/2"	MECH	MECH ROOM	1/2"	CPVC
P146	1/2"	MECH	MECH ROOM	1/2"	CPVC
P147	1/2"	MECH	MECH ROOM	1/2"	CPVC
P148	1/2"	MECH	MECH ROOM	1/2"	CPVC
P149	1/2"	MECH	MECH ROOM	1/2"	CPVC
P150	1/2"	MECH	MECH ROOM	1/2"	CPVC
P151	1/2"	MECH	MECH ROOM	1/2"	CPVC
P152	1/2"	MECH	MECH ROOM	1/2"	CPVC
P153	1/2"	MECH	MECH ROOM	1/2"	CPVC
P154	1/2"	MECH	MECH ROOM	1/2"	CPVC
P155	1/2"	MECH	MECH ROOM	1/2"	CPVC
P156	1/2"	MECH	MECH ROOM	1/2"	CPVC
P157	1/2"	MECH	MECH ROOM	1/2"	CPVC
P158	1/2"	MECH	MECH ROOM	1/2"	CPVC
P159	1/2"	MECH	MECH ROOM	1/2"	CPVC
P160	1/2"	MECH	MECH ROOM	1/2"	CPVC
P161	1/2"	MECH	MECH ROOM	1/2"	CPVC
P162	1/2"	MECH	MECH ROOM	1/2"	CPVC
P163	1/2"	MECH	MECH ROOM	1/2"	CPVC
P164	1/2"	MECH	MECH ROOM	1/2"	CPVC
P165	1/2"	MECH	MECH ROOM	1/2"	CPVC
P166	1/2"	MECH	MECH ROOM	1/2"	CPVC
P167	1/2"	MECH	MECH ROOM	1/2"	CPVC
P168	1/2"	MECH	MECH ROOM	1/2"	CPVC
P169	1/2"	MECH	MECH ROOM	1/2"	CPVC
P170	1/2"	MECH	MECH ROOM	1/2"	CPVC
P171	1/2"	MECH	MECH ROOM	1/2"	CPVC
P172	1/2"	MECH	MECH ROOM	1/2"	CPVC
P173	1/2"	MECH	MECH ROOM	1/2"	CPVC
P174	1/2"	MECH	MECH ROOM	1/2"	CPVC
P175	1/2"	MECH	MECH ROOM	1/2"	CPVC
P176	1/2"	MECH	MECH ROOM	1/2"	CPVC
P177	1/2"	MECH	MECH ROOM	1/2"	CPVC
P178	1/2"	MECH	MECH ROOM	1/2"	CPVC
P179	1/2"	MECH	MECH ROOM	1/2"	CPVC
P180	1/2"	MECH	MECH ROOM	1/2"	CPVC
P181	1/2"	MECH	MECH ROOM	1/2"	CPVC
P182	1/2"	MECH	MECH ROOM	1/2"	CPVC
P183	1/2"	MECH	MECH ROOM	1/2"	CPVC
P184	1/2"	MECH	MECH ROOM	1/2"	CPVC
P185	1/2"	MECH	MECH ROOM	1/2"	CPVC
P186	1/2"	MECH	MECH ROOM	1/2"	CPVC
P187	1/2"	MECH	MECH ROOM	1/2"	CPVC
P188	1/2"	MECH	MECH ROOM	1/2"	CPVC
P189	1/2"	MECH	MECH ROOM	1/2"	CPVC
P190	1/2"	MECH	MECH ROOM	1/2"	CPVC
P191	1/2"	MECH	MECH ROOM	1/2"	CPVC
P192	1/2"	MECH	MECH ROOM	1/2"	CPVC
P193	1/2"	MECH	MECH ROOM	1/2"	CPVC
P194	1/2"	MECH	MECH ROOM	1/2"	CPVC
P195	1/2"	MECH	MECH ROOM	1/2"	CPVC
P196	1/2"	MECH	MECH ROOM	1/2"	CPVC
P197	1/2"	MECH	MECH ROOM	1/2"	CPVC
P198	1/2"	MECH	MECH ROOM	1/2"	CPVC
P199	1/2"	MECH	MECH ROOM	1/2"	CPVC
P200	1/2"	MECH	MECH ROOM	1/2"	CPVC



**A** PLUMBING PLAN - WATER & GAS  
TYPE - 100

- NOTES**
1. REFER TO ALL OTHER PLUMBING PLANS FOR COMPLETE INFORMATION.
  2. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF OKLAHOMA PLUMBING CODE.
  3. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL PLUMBING CONFERENCE CODE.
  4. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE INTERNATIONAL ASSOCIATION OF PLUMBERS AND PIPEFITTERS CODE.
  5. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS CODE.
  6. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL FIRE PROTECTION ASSOCIATION CODE.
  7. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION CODE.
  8. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ASSOCIATION OF ELECTRICAL ENGINEERS CODE.
  9. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ASSOCIATION OF MECHANICAL ENGINEERS CODE.
  10. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ASSOCIATION OF ARCHITECTS CODE.
  11. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ASSOCIATION OF BUILDERS CODE.
  12. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ASSOCIATION OF CONTRACTORS CODE.
  13. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ASSOCIATION OF ENGINEERS CODE.
  14. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ASSOCIATION OF MANAGERS CODE.
  15. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ASSOCIATION OF PROFESSIONALS CODE.
  16. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ASSOCIATION OF SCIENTISTS CODE.
  17. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ASSOCIATION OF STUDENTS CODE.
  18. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ASSOCIATION OF TEACHERS CODE.
  19. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ASSOCIATION OF WORKERS CODE.
  20. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ASSOCIATION OF YOUTH CODE.

**blueriver**  
ARCHITECTS

1924 COUNTRY CLUB DRIVE, CATOOSA, OKLAHOMA 74015

PLUMBING PLAN - WATER & GAS - AREA A

**P103**

CHEROKEE NATION CATOOSA CHILD DEVELOPMENT CENTER

blueriver ARCHITECTS  
20230011  
0811624  
CONSTRUCTION DOCUMENTS

APR 11 2024

PLUMBING PLAN - WATER & GAS - AREA A

**P103**

PLUMBING PLAN - WATER & GAS - AREA A

blueriver ARCHITECTS

20230011

0811624

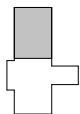
CONSTRUCTION DOCUMENTS

APR 11 2024

PLUMBING PLAN - WATER & GAS - AREA A

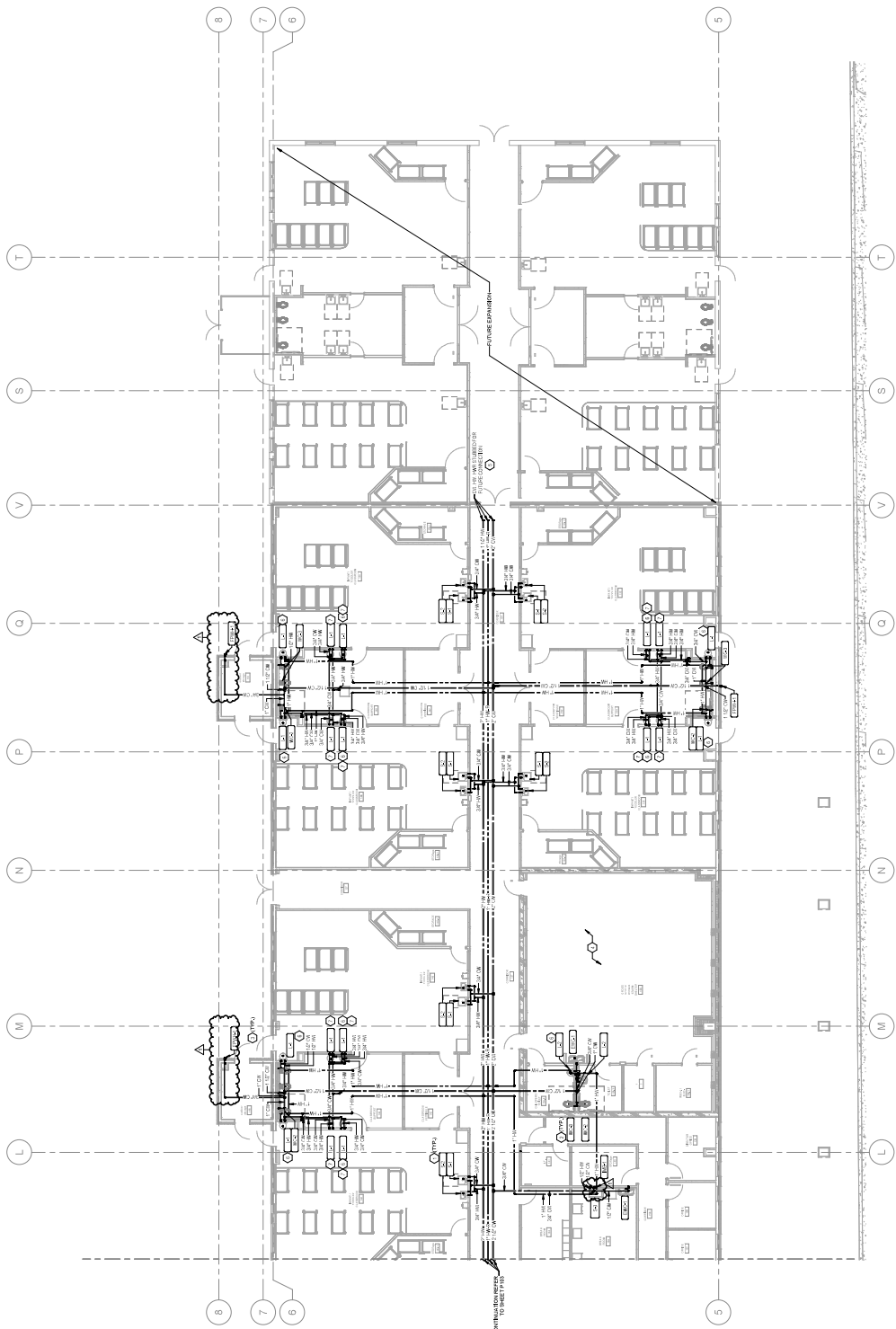
**P103**

PLUMBING PLAN - WATER & GAS - AREA A



- NOTES**
1. PROVIDE ALL WATER AND GAS SERVICES TO ALL ROOMS TO BE SERVED TO MATCH EXISTING CONDITIONS.
  2. PROVIDE ALL WATER AND GAS SERVICES TO ALL ROOMS TO BE SERVED TO MATCH EXISTING CONDITIONS.
  3. PROVIDE ALL WATER AND GAS SERVICES TO ALL ROOMS TO BE SERVED TO MATCH EXISTING CONDITIONS.
  4. PROVIDE ALL WATER AND GAS SERVICES TO ALL ROOMS TO BE SERVED TO MATCH EXISTING CONDITIONS.
  5. PROVIDE ALL WATER AND GAS SERVICES TO ALL ROOMS TO BE SERVED TO MATCH EXISTING CONDITIONS.
  6. PROVIDE ALL WATER AND GAS SERVICES TO ALL ROOMS TO BE SERVED TO MATCH EXISTING CONDITIONS.
  7. PROVIDE ALL WATER AND GAS SERVICES TO ALL ROOMS TO BE SERVED TO MATCH EXISTING CONDITIONS.
  8. PROVIDE ALL WATER AND GAS SERVICES TO ALL ROOMS TO BE SERVED TO MATCH EXISTING CONDITIONS.

- LEGEND**
- 1. 1/2" DIA. COPPER WATER PIPING
  - 2. 1/2" DIA. COPPER GAS PIPING
  - 3. 1/2" DIA. COPPER WATER PIPING
  - 4. 1/2" DIA. COPPER GAS PIPING
  - 5. 1/2" DIA. COPPER WATER PIPING
  - 6. 1/2" DIA. COPPER GAS PIPING
  - 7. 1/2" DIA. COPPER WATER PIPING
  - 8. 1/2" DIA. COPPER GAS PIPING



**A** PLUMBING PLAN - WATER & GAS  
1/8" = 1'-0"







### ELECTRICAL SYMBOL NOTES

- SHALL BE INSTALLED AND SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC), OSHA, AND ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. THE DESIGNATED CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPLICABLE AGENCIES.
- SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC), OSHA, AND ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. THE DESIGNATED CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPLICABLE AGENCIES.

### SPECIAL CODE NOTES

- REFER TO ALL APPLICABLE CODES AND STANDARDS.
- REFER TO ALL APPLICABLE CODES AND STANDARDS.
- REFER TO ALL APPLICABLE CODES AND STANDARDS.
- REFER TO ALL APPLICABLE CODES AND STANDARDS.

### ELECTRICAL DRAWINGS INDEX OF ELECTRICAL DRAWINGS

NO.	DESCRIPTION	DATE
1001	GENERAL NOTES	
1002	SCHEDULE	
1003	GENERAL ELECTRICAL	
1004	CONCRETE	
1005	CONCRETE	
1006	CONCRETE	
1007	CONCRETE	
1008	CONCRETE	
1009	CONCRETE	
1010	CONCRETE	
1011	CONCRETE	
1012	CONCRETE	

### ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION
	4/0 AWG ALUMINUM
	3/0 AWG ALUMINUM
	2/0 AWG ALUMINUM
	1/0 AWG ALUMINUM
	4/0 AWG COPPER
	3/0 AWG COPPER
	2/0 AWG COPPER
	1/0 AWG COPPER
	4/0 AWG ALUMINUM
	3/0 AWG ALUMINUM
	2/0 AWG ALUMINUM
	1/0 AWG ALUMINUM
	4/0 AWG COPPER
	3/0 AWG COPPER
	2/0 AWG COPPER
	1/0 AWG COPPER

### GENERAL ELECTRICAL NOTES

- ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC), OSHA, AND ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
- ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC), OSHA, AND ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

### ELECTRICAL ADDRESSING SCHEDULE

NO.	DESCRIPTION	DATE
1001	GENERAL NOTES	
1002	SCHEDULE	
1003	GENERAL ELECTRICAL	
1004	CONCRETE	
1005	CONCRETE	
1006	CONCRETE	
1007	CONCRETE	
1008	CONCRETE	
1009	CONCRETE	
1010	CONCRETE	
1011	CONCRETE	
1012	CONCRETE	

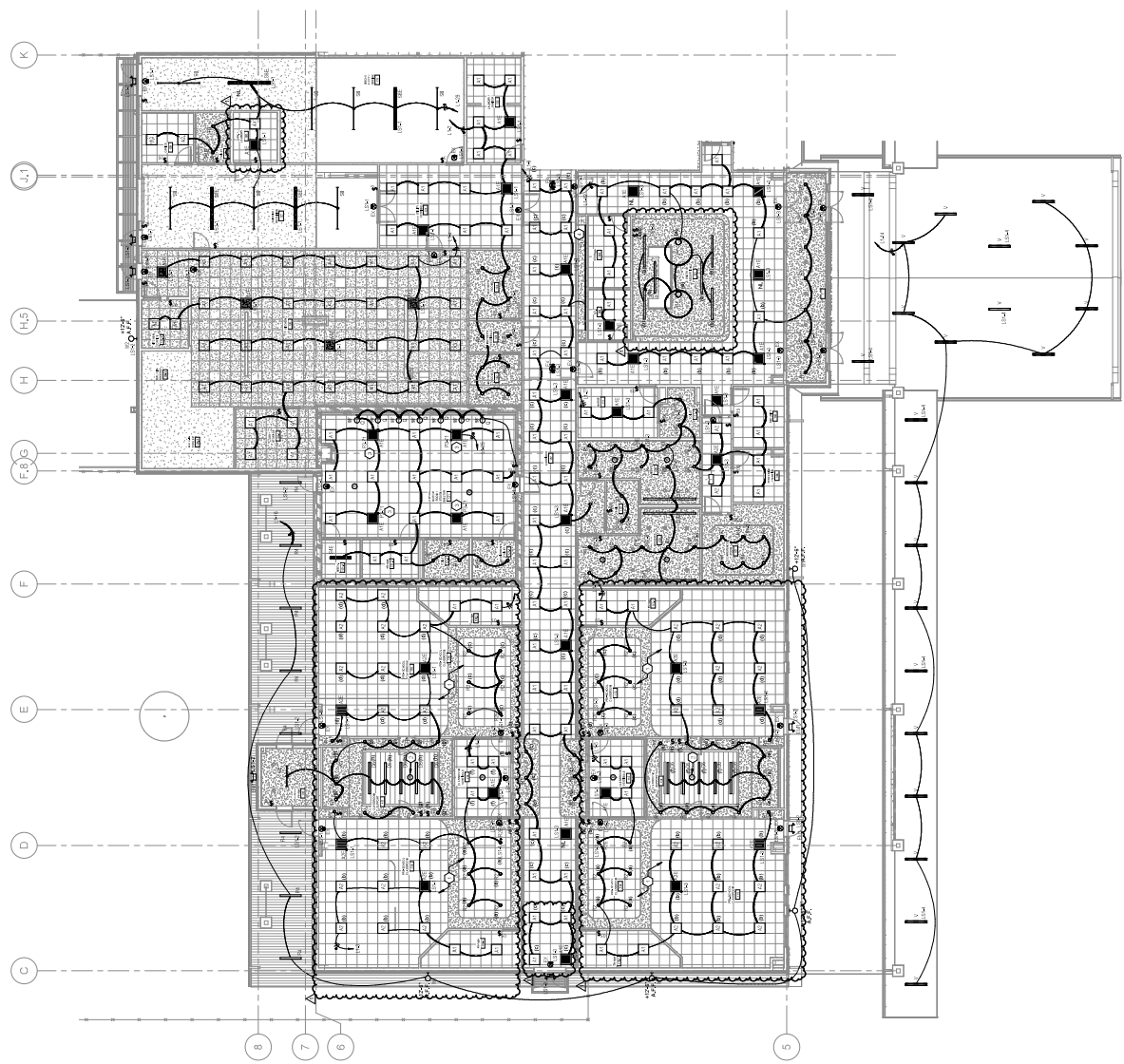
### CONCRETE SCHEDULE

NO.	DESCRIPTION	DATE
1001	GENERAL NOTES	
1002	SCHEDULE	
1003	GENERAL ELECTRICAL	
1004	CONCRETE	
1005	CONCRETE	
1006	CONCRETE	
1007	CONCRETE	
1008	CONCRETE	
1009	CONCRETE	
1010	CONCRETE	
1011	CONCRETE	
1012	CONCRETE	

NOTE: CONSULT THE ARCHITECT FOR PANEL SIZES AND THE SELECTION OF EQUIPMENT. THE SELECTION OF EQUIPMENT SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC), OSHA, AND ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. THE DESIGNATED CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPLICABLE AGENCIES.

- LIGHTING GENERAL NOTES**
1. ALL LIGHTING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72).
  2. ALL LIGHTING SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
  3. ALL LIGHTING SHALL BE INSTALLED IN ACCORDANCE WITH THE DESIGNER'S REQUIREMENTS.
  4. ALL LIGHTING SHALL BE INSTALLED IN ACCORDANCE WITH THE DESIGNER'S REQUIREMENTS.
  5. ALL LIGHTING SHALL BE INSTALLED IN ACCORDANCE WITH THE DESIGNER'S REQUIREMENTS.
  6. ALL LIGHTING SHALL BE INSTALLED IN ACCORDANCE WITH THE DESIGNER'S REQUIREMENTS.
  7. ALL LIGHTING SHALL BE INSTALLED IN ACCORDANCE WITH THE DESIGNER'S REQUIREMENTS.
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  14. ALL LIGHTING SHALL BE INSTALLED IN ACCORDANCE WITH THE DESIGNER'S REQUIREMENTS.
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  16. ALL LIGHTING SHALL BE INSTALLED IN ACCORDANCE WITH THE DESIGNER'S REQUIREMENTS.
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  18. ALL LIGHTING SHALL BE INSTALLED IN ACCORDANCE WITH THE DESIGNER'S REQUIREMENTS.
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  20. ALL LIGHTING SHALL BE INSTALLED IN ACCORDANCE WITH THE DESIGNER'S REQUIREMENTS.

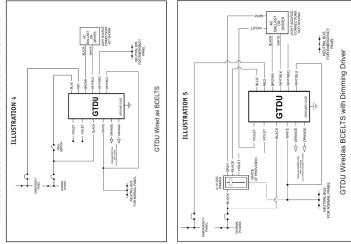
- KEYNOTES**
1. CIRCULAR SYMBOLS INDICATE THE LOCATION OF THE LIGHTING FIXTURES.
  2. SQUARE SYMBOLS INDICATE THE LOCATION OF THE LIGHTING FIXTURES.
  3. TRIANGULAR SYMBOLS INDICATE THE LOCATION OF THE LIGHTING FIXTURES.
  4. RECTANGULAR SYMBOLS INDICATE THE LOCATION OF THE LIGHTING FIXTURES.
  5. DIAGONAL LINES INDICATE THE LOCATION OF THE LIGHTING FIXTURES.
  6. DOTTED LINES INDICATE THE LOCATION OF THE LIGHTING FIXTURES.
  7. SOLID LINES INDICATE THE LOCATION OF THE LIGHTING FIXTURES.
  8. DASHED LINES INDICATE THE LOCATION OF THE LIGHTING FIXTURES.
  9. DOTTED AND DASHED LINES INDICATE THE LOCATION OF THE LIGHTING FIXTURES.
  10. SOLID AND DASHED LINES INDICATE THE LOCATION OF THE LIGHTING FIXTURES.



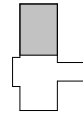
**A** FIRST FLOOR LIGHTING PLAN (AREA A)  
1/8" = 1'-0"

**MAINTENANCE**  
The owner is responsible for the maintenance of the lighting system. The owner should refer to the manufacturer's instructions for the proper maintenance of the lighting system. The owner should also refer to the designer's requirements for the maintenance of the lighting system.

**WIRING DIAGRAM for UL 1008 - RECEITS APPLICATIONS**

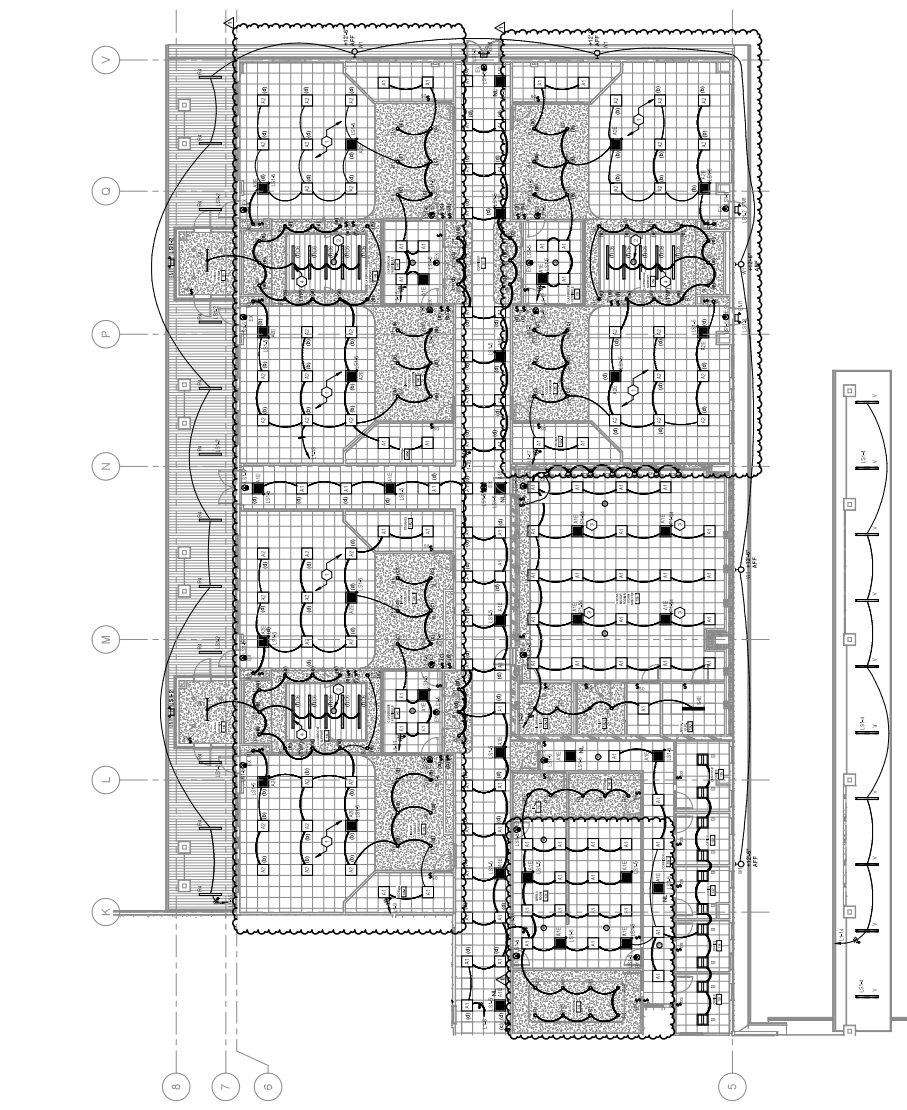


**B** EMERGENCY GENERATOR TRANSFER DEVICE DIAGRAM  
1/2" = 1'-0"



- LIGHTING ORIGINAL NOTES**
1. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
  2. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL CODES.
  3. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE IESNA HANDBOOK AND ALL APPLICABLE LOCAL CODES.
  4. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE IESNA HANDBOOK AND ALL APPLICABLE LOCAL CODES.
  5. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE IESNA HANDBOOK AND ALL APPLICABLE LOCAL CODES.
  6. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE IESNA HANDBOOK AND ALL APPLICABLE LOCAL CODES.
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  8. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE IESNA HANDBOOK AND ALL APPLICABLE LOCAL CODES.
  9. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE IESNA HANDBOOK AND ALL APPLICABLE LOCAL CODES.
  10. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE IESNA HANDBOOK AND ALL APPLICABLE LOCAL CODES.
  11. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE IESNA HANDBOOK AND ALL APPLICABLE LOCAL CODES.
  12. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE IESNA HANDBOOK AND ALL APPLICABLE LOCAL CODES.
  13. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE IESNA HANDBOOK AND ALL APPLICABLE LOCAL CODES.
  14. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE IESNA HANDBOOK AND ALL APPLICABLE LOCAL CODES.
  15. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE IESNA HANDBOOK AND ALL APPLICABLE LOCAL CODES.
  16. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE IESNA HANDBOOK AND ALL APPLICABLE LOCAL CODES.
  17. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE IESNA HANDBOOK AND ALL APPLICABLE LOCAL CODES.
  18. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE IESNA HANDBOOK AND ALL APPLICABLE LOCAL CODES.
  19. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE IESNA HANDBOOK AND ALL APPLICABLE LOCAL CODES.
  20. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE IESNA HANDBOOK AND ALL APPLICABLE LOCAL CODES.

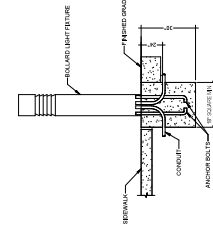
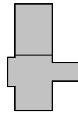
- REVISIONS**
1. CORRECTED FOR CONSTRUCTION
  2. CORRECTED FOR CONSTRUCTION



**A FIRST FLOOR LIGHTING PLAN (AREAB)**  
10/17/2024



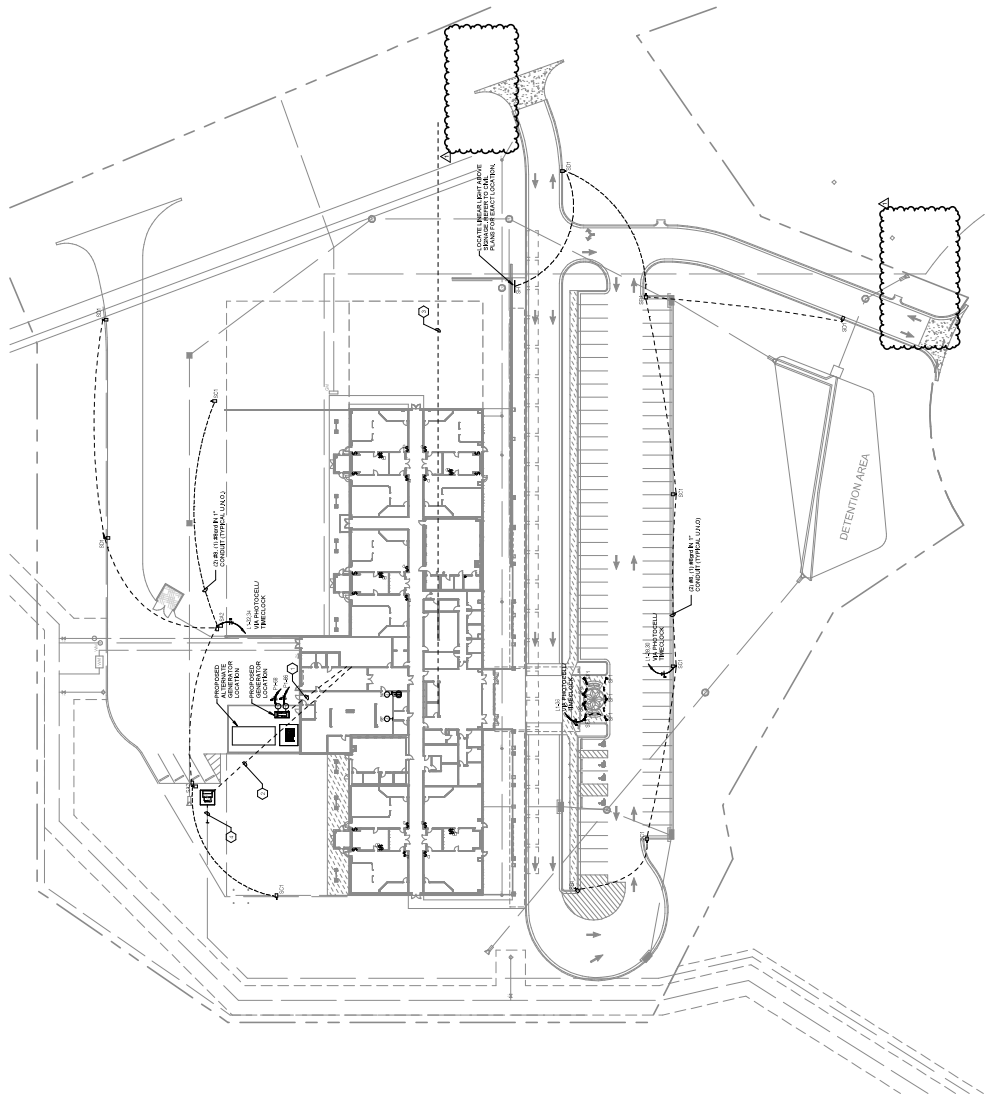




**B BOLLARD MOUNTING DETAIL**  
N.T.S.

- SITE PLAN GENERAL NOTES**
1. PROVIDE ALL ELECTRICAL WORK TO THE POWER COMPANY.
  2. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE OREGON ELECTRICAL CODE (OEC).
  3. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE OREGON ELECTRICAL CODE (OEC).
  4. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE OREGON ELECTRICAL CODE (OEC).
  5. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE OREGON ELECTRICAL CODE (OEC).
  6. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE OREGON ELECTRICAL CODE (OEC).

- KEYNOTES**
1. PROVIDE ALL ELECTRICAL WORK TO THE POWER COMPANY.
  2. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE OREGON ELECTRICAL CODE (OEC).
  3. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE OREGON ELECTRICAL CODE (OEC).
  4. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE OREGON ELECTRICAL CODE (OEC).



**A ELECTRICAL SITE PLAN**  
1/2" = 1' - 0"

