

November 19, 2021

## **ADDENDUM NUMBER 01**

To the drawings and specifications for:

### **Project No. 20026**

### **Wood County Board of DD**

### **Residential Respite Home for Children**

This Addendum supplements and amends the original Drawings and Specifications dated **10.22.2021**, and shall be taken into account in preparing bids and becomes a part of the contract documents. Note: this addendum information is issued to bidders of record. It is the prime contractor's responsibility to forward this Addendum information to all affected suppliers and sub/contractors and make adjustments relative to the proposal. Bidders should acknowledge receipt of Addendum on Page BF-1 of the Bid Form, or the last page of this Addendum.

## **DRAWINGS AND SPECIFICATIONS**

### **1. Specification Section 074646 – FIBER-CEMENT SIDING (Reissued)**

- a. Paragraph 2.1§A §1 Manufacturers
  - i. ADDED: D. Allura by Plycem

### **2. Specification Section 123623.13 – PLASTIC-LAMINATE-CLAD COUNTERTOPS (Reissued)**

- a. Paragraph 2.1§E Edge Treatment
  - i. Changed from "As indicated on Drawings." To "Straight Edge."

### **3. Specification Section 323113 – CHAIN LINK FENCES AND GATES (Reissued)**

- a. Paragraph 2.2§A
  - i. ADDED: 2. Steel Wire for Fabric

### **4. T1.0 – Title Page (Reissued)**

- a. Updated drawing index to show sheets reissued in addendum 01, refer to sheet.

### **5. A2.0 – Foundation Plan (Reissued)**

- a. Added point load note to posts supporting back porch beam.
- b. Wood Notes:
  - i. ADDED: "10. CONTRACTOR IS RESPONSIBLE FOR PROVIDING LATERAL BRACING FOR FLOOR I-JOISTS PER MANUFACTURER RECOMMENDATIONS TO MEET RCO SECTION 507.2."
  - ii. ADDED: "11. ALL FLOOR FRAMING SHALL BE NAILED IN ACCORDANCE WITH RCO TABLE 602.3(1)."
  - iii. ADDED: "12. ALL WOOD FRAMING MEMBERS RESTING ON PRECAST CONCRETE FOUNDATION WALLS ARE TO BE PRESERVATIVE-TREATED IN ACCORDANCE WITH AWPA U1 PER RCO SECTION 317.1(2)."
  - iv. ADDED: 13. ALL WOOD SILLS AND SLEEPERS ON CONCRETE SLAB ON GRADE ARE TO BE PRESERVATIVE-TREATED IN ACCORDANCE WITH AWPA U1 PER RCO SECTION 317.1(3)

**6. A2.0a – Foundation Details (Reissued)**

- a. Detail 4/A2.0a:
  - i. ADDED dimension "1/2" MIN. PER RCO 317.1(4)"
  - ii. ADDED pressure treated sill plate and note

**7. A4.0 – Roof Plan & Details (Reissued)**

- a. Changed note from "(2) 1.75"x11 7/8" LVL BOTT OF BEAM = 107' – 3 1/2'" to "(2) 1.75"x11.25" LVL BOTT OF BEAM = 107' – 4'"

**8. A6.0 – Building Sections (Not Reissued)**

- a. Detail 5/A6.0: Note changed from "(2) 1 3/4"x11 7/8" LVL BEAM, WRAP BEAM IN FIBER CEMENT TRIM" to "(2) 1 3/4"x11 1/2" LVL BEAM, WRAP BEAM IN FIBER CEMENT TRIM".

**9. A7.0 & A7.1 – Wall Sections (Not Reissued)**

- a. All Wall Sections: Note "5/4x10 FIBER TRIM BOARD AND 2X4 FIBER WATER TABLE CAP" changed to "5/4X10 FIBER TRIM BOARD AND MFR. STD. FIBER WATER TABLE CAP".

**10. A8.3 – Casework Details (Not Reissued)**

- a. Details 1, 2, 3 & 6/A8.3: Note changed from "BIRCH VERT. SURFACE, TYP." to "LAMINATE VERT. SURFACE, TYP."

**11. A8.3 – Casework Details (Not Reissued)**

- a. Detail 1/A8.4: Note changed from "BIRCH WALL CABINET W. (1) ADJ. SHELF." to "LAMINATE WALL CABINET W. (1) ADJ. SHELF."
- b. Details 2, 3 & 4/A8.4: Note changed from "BIRCH VERT. SURFACE, TYP." to "LAMINATE VERT. SURFACE, TYP."
- c. Detail 6/A8.4: Countertop material changed from "LAMINATE" to "SOLID SURFACE".

**CLARIFICATIONS & RFI RESPONSES**

1. All permit and utility service tap fees will be paid directly by Owner.
2. All Testing and special inspections will be paid directly by the Owner.
3. Temporary Utilities during construction are the responsibility of the Bidder, see Spec Section 1501 Temporary Facilities.
4. All Bidders to include full \$10,000 allowance for SureHands Lift Track System per Spec Section 01019 – Contract Considerations.
5. RFI  
Q: A7.0 – 2x4 fiber water table cap. 2x4 Hardie is not available. Is there another option? Can 5/4 be used instead?  
A: We are looking for bidders to assume the use of a manufacturer standard profile used in a water table application, this will differ between the various fiber cement manufacturers but we understand that a 2x4 fiber water table cap as shown and described is not practical.

6. RFI

Q: A2.0 – Square with X at porch. This references the triple 2x6 on A2.1. Is this to show the point load onto the concrete panels? Does this need beefed up at the joists?

A: See revised sheets A2.0, A4.0, & A6.0 for updated design information on this structural framing change, no additional reinforcing will be required to support the point loads at the foundation walls unless Great Lakes Superior Walls tells you otherwise, and no additional changes to the floor or roof framing are necessary.

7. RFI

Q: A2.2 – Attic Access 24x52. Please clarify. Is this pull-down stairs, metal access panel, ...?

A: This access should be framed with miscellaneous wood block to create the specified size and the opening should be finished with wood trim, the access panel should be a removable 3/4" or 5/8" wood panel that will be supported by the wood trim within the provided framed opening and lifted into the attic to be removed.

8. RFI

Q: A2.0 – pads below point loads are shown on plans as 1'-0" Great Lakes Superior Walls is quoting 8" and 6" precast pads as they are installing. They verified their pads meet or exceed the point load requirement. Please verify if this is acceptable.

A: Final Pad design is provided by Great lakes Superior Walls, bidders should follow their design recommendations over the information provided in the drawing set.

9. RFI

Q: Spec 123623.13 calls for post-formed countertop edges and casework details on sheets A8.3 & A8.4 show square / self edges, please clarify what is desired.

A: All Countertops to be provided with square edge profile.

10. RFI

Q: Restroom vanity casework detail 6/A8.4 calls for laminate countertop and solid surface apron and removable panel is this correct?

A: No, the countertop should be solid surface to match the apron and removable panel.

11. RFI

Q: Vertical surfaces on typical casework details are showing "Laminate" for some and "Birch" for others, please clarify intent.

A: All vertical surfaces should be laminate and provided in accordance with written specification section 064116 Plastic-Laminate-Clad Architectural Cabinets.

12. RFI

Q: Sheet A11.0 contains a cabinetry specification in the finish legend and there is a written specification that differs, which should I follow?

A: Bidders should ignore the cabinetry specs shown in the Finish Schedule on sheet A11.0 and follow the written specification section 064116 Plastic-Laminate-Clad Architectural Cabinets.

13. RFI

Q: Vertical surfaces on typical casework details are showing "Laminate" for some and "Birch" for others, please clarify intent.

A: All vertical surfaces should be laminate and provided in accordance with written specification section 064116 Plastic-Laminate-Clad Architectural Cabinets.

14. RFI

Q: The fencing spec calls for both 10' and 8' post spacing. Please clarify which you'd prefer.

A: Provide post spacing at 96" per Section 323113, Part 3, 3.3, E.

15. RFI

Q: The chain link is specified as aluminum. Galvanized wire would be better because it's cheaper, just as effective, and available. Would galvanized wire be acceptable?

A: zinc-coated steel wire for fabric is an acceptable material for the project, see reissued specification section 323113 - CHAIN LINK FENCES AND GATES to accommodate this substitution request.

**ATTACHMENTS:**

- **Pre-Bid Meeting Sign-In Sheet**
- **Specification Sections: 074646, 123623.13, 323113**
- **Drawings: A2.0, A2.0a, A4.0, & A6.0**

**END OF ADDENDUM NUMBER 01**



Comm. No.:

Date: 6.4.21 @ 10:00 a.m.

Project:

**TPA 20026**  
**Wood County Board of Developmental Disabilities**  
Residential Respite Home for Children  
41 Island View Ave, Rossford, OH 43460

Mtg. No. 01

Mtg. Location:

1921 Gypsy Lane Rd, Bowling Green, OH 43402 – Maint. & Transportation Bldg.

Subject: Pre-Bid

Name	Company	Phone	Email
<input type="checkbox"/> Scott McKeown	Wood County	419-353-1625	smckeown@woodcountyd.org
<input type="checkbox"/> Ray Donald	The Delventhal Co.	419-244-5570	rdonald@thedelvanthdco.com
<input type="checkbox"/> Jim Wynnja	Mel Lanzer Co.	419-592-2801	jwynja@mellanzer.com
<input type="checkbox"/> Jim Downour	Laiibe Electric	419-346-0657	jimdownour@lcibe.com
<input type="checkbox"/> Craig Comte	Comte Construction	419-241-2251	craigcomte@att.net
<input type="checkbox"/> Scott Koelsch	Koelsch Electric	734-347-8027	
<input type="checkbox"/> Andy Knopp	TPA	419-260-1207	andy.knopp@porterarch.com
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## SECTION 074646 - FIBER-CEMENT SIDING

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section includes fiber-cement siding and soffit.

#### 1.2 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Samples: For fiber-cement siding and soffit including related accessories.

#### 1.3 INFORMATIONAL SUBMITTALS

- A. Product certificates.
- B. Product test reports.
- C. Sample warranty.

#### 1.4 CLOSEOUT SUBMITTALS

- A. Maintenance data.

#### 1.5 QUALITY ASSURANCE

#### 1.6 WARRANTY

- A. Special Warranty: Manufacturer agrees to repair or replace products that fail in materials or workmanship within specified warranty period.
  - 1. Warranty Period: 25 years from date of Substantial Completion.

## PART 2 - PRODUCTS

### 2.1 FIBER-CEMENT SIDING

- A. General: ASTM C 1186, Type A, Grade II, fiber-cement board, noncombustible when tested according to ASTM E 136; with a flame-spread index of 25 or less when tested according to ASTM E 84.
  - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
    - a. Allura by Plycem
    - b. Certainteed; SAINT-GOBAIN.
    - c. James Hardie Building Products, Inc.
    - d. Nichiha Architectural Panels.
- B. Labeling: Provide fiber-cement siding that is tested and labeled according to ASTM C 1186 by a qualified testing agency acceptable to authorities having jurisdiction.
- C. Nominal Thickness: Not less than **5/16 inch**.
- D. Horizontal Pattern: Boards **6-1/4 to 6-1/2 inches** **<Insert dimensions>** wide in plain beaded-edge style.
  - 1. Texture: Rough sawn Wood grain .
- E. Vertical Pattern: **48-inch-** wide sheets with wood-grain texture and grooves **12 inches** o.c.
- F. Shingle Pattern: **48-inch-** wide, staggered-edge notched sheets with wood-grain texture.
- G. Panel Texture: **48-inch-** wide sheets with wood-grain texture.
- H. Factory Priming: Manufacturer's standard acrylic primer.

### 2.2 FIBER-CEMENT SOFFIT

- A. General: ASTM C 1186, Type A, Grade II, fiber-cement board, noncombustible when tested according to ASTM E 136; with a flame-spread index of 25 or less when tested according to ASTM E 84.
  - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
    - a. Certainteed; SAINT-GOBAIN.
    - b. James Hardie Building Products, Inc.
    - c. Nichiha Architectural Panels.



- B. Nominal Thickness: Not less than 5/16 inch.
- C. Pattern: 12-inch- 16-inch- wide sheets with smooth texture.
- D. Factory Priming: Manufacturer's standard acrylic primer.

## 2.3 ACCESSORIES

- A. Siding Accessories, General: Provide starter strips, edge trim, outside and inside corner caps, and other items as recommended by siding manufacturer for building configuration.
- B. Flashing: Provide aluminum flashing complying with Section 076200 "Sheet Metal Flashing and Trim" at window and door heads and where indicated.
  - 1. Finish for Aluminum Flashing: Factory-prime coating .
- C. Fasteners:
  - 1. For fastening to wood, use siding nails of sufficient length to penetrate a minimum of 1 inch into substrate.
  - 2. For fastening fiber cement, use hot-dip galvanized fasteners.
- D. Insect Screening for Soffit Vents: Aluminum, 18-by-16 mesh .
- E. Continuous Soffit Vents: Aluminum, hat-channel shape.
  - 1. Net-Free Area: 6 sq. in./linear ft. .
  - 2. Finish: White paint .

## PART 3 - EXECUTION

### 3.1 INSTALLATION

- A. General: Comply with manufacturer's written installation instructions applicable to products and applications indicated unless more stringent requirements apply.
  - 1. Install fasteners no more than 24 inches o.c.
- B. Install joint sealants as specified in Section 079200 "Joint Sealants" and to produce a weathertight installation.

**3.2 ADJUSTING AND CLEANING**

- A. Remove damaged, improperly installed, or otherwise defective materials and replace with new materials complying with specified requirements.
- B. Clean finished surfaces according to manufacturer's written instructions and maintain in a clean condition during construction.

**END OF SECTION 074646**

**SECTION 123623.13 - PLASTIC-LAMINATE-CLAD COUNTERTOPS**

**PART 1 - GENERAL**

**1.1 SUMMARY**

**A. Section Includes:**

1. Plastic-laminate-clad countertops.

**1.2 ACTION SUBMITTALS**

**A. Product Data:** For each type of product.

**B. Shop Drawings:** For plastic-laminate-clad countertops.

1. Apply AWI Quality Certification WI Certified Compliance Program label to Shop Drawings.

**C. Samples:** Plastic laminates in each type, color, pattern, and surface finish required.

**1.3 INFORMATIONAL SUBMITTALS**

**A. Product Certificates:** For the following:

1. Composite wood products.
2. High-pressure decorative laminate.
3. Adhesives.

**B. Quality Standard Compliance Certificates:** .

**1.4 QUALITY ASSURANCE**

**1.5 FIELD CONDITIONS**

- A. Environmental Limitations without Humidity Control:** Do not deliver or install wood countertops until building is enclosed, wet-work is complete, and HVAC system is operating and maintaining temperature and relative humidity at levels planned for building occupants during the remainder of the construction period.

- B. Environmental Limitations with Humidity Control: Do not deliver or install wood countertops until building is enclosed, wet-work is complete, and HVAC system is operating and maintaining temperature between 60 and 90 deg F and relative humidity between 20 and 50 percent during the remainder of the construction period.

## PART 2 - PRODUCTS

### 2.1 FABRICATORS

### 2.2 PLASTIC-LAMINATE-CLAD COUNTERTOPS

- A. Quality Standard: Unless otherwise indicated, comply with the "Architectural Woodwork Standards" for grades of plastic-laminate-clad countertops indicated for construction, finishes, installation, and other requirements.
  - 1. Provide inspections of fabrication and installation together with labels and certificates from AWI WI certification program indicating that countertops comply with requirements of grades specified.
- B. Grade: Premium .
- C. High-Pressure Decorative Laminate: NEMA LD 3, Grade HGS .
  - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
    - a. Formica Corporation.
    - b. Nevamar; a Panolam Industries International, Inc. brand.
    - c. Pionite; a Panolam Industries International, Inc. brand.
    - d. Wilsonart LLC.
- D. Colors, Patterns, and Finishes: Provide materials and products that result in colors and textures of exposed laminate surfaces complying with the following requirements:
  - 1. As indicated by manufacturer's designations.
  - 2. Match Architect's sample.
  - 3. As selected by Architect from manufacturer's full range in the following categories:
    - a. Solid colors, matte finish.
    - b. Solid colors with core same color as surface, matte finish.
    - c. Wood grains, matte finish with grain running parallel to length of countertop.
    - d. Patterns, matte finish.
- E. Edge Treatment: Straight Edge.

- F. Core Material: Particleboard made with exterior glue MDF made with exterior glue Exterior-grade plywood .
- G. Core Material at Sinks: exterior-grade plywood .
- H. Core Thickness: 1-1/8 inch.
  - 1. Build up countertop thickness to 1-1/2 inches at front, back, and ends with additional layers of core material laminated to top.
- I. Backer Sheet: Provide plastic-laminate backer sheet, NEMA LD 3, Grade BKL, on underside of countertop substrate.

## 2.3 WOOD MATERIALS

- A. Wood Products: Provide materials that comply with requirements of referenced quality standard unless otherwise indicated.
  - 1. Wood Moisture Content: 4 to 9 percent.
- B. Composite Wood Products: Provide materials that comply with requirements of referenced quality standard for each type of countertop and quality grade specified unless otherwise indicated.
  - 1. MDF: Medium-density fiberboard, ANSI A208.2, Grade 130 .
  - 2. Particleboard: ANSI A208.1, Grade M-2-Exterior Glue.
  - 3. Softwood Plywood: DOC PS 1.

## 2.4 ACCESSORIES

## 2.5 MISCELLANEOUS MATERIALS

- A. Adhesive for Bonding Plastic Laminate: As selected by fabricator to comply with requirements.
  - 1. Adhesive for Bonding Edges: Hot-melt adhesive or adhesive specified above for faces.

## 2.6 FABRICATION

- A. Fabricate countertops to dimensions, profiles, and details indicated. Provide front and end overhang of 1 inch over base cabinets. Ease edges to radius indicated for the following:
  - 1. Solid-Wood (Lumber) Members: 1/16 inch unless otherwise indicated.

- B. Complete fabrication, including assembly, to maximum extent possible before shipment to Project site. Disassemble components only as necessary for shipment and installation. Where necessary for fitting at site, provide ample allowance for scribing, trimming, and fitting.

## PART 3 - EXECUTION

### 3.1 INSTALLATION

- A. Grade: Install countertops to comply with same grade as item to be installed.
- B. Assemble countertops and complete fabrication at Project site to the extent that it was not completed in the shop.
  - 1. Provide cutouts for appliances, plumbing fixtures, electrical work, and similar items. Locate openings accurately, and use templates or roughing-in diagrams to produce accurately sized and shaped openings. Sand edges of cutouts to remove splinters and burrs.
  - 2. Seal edges of cutouts by saturating with varnish.
- C. Field Jointing: Where possible, make in the same manner as shop jointing, using dowels, splines, adhesives, and fasteners recommended by manufacturer. Prepare edges to be joined in shop so Project-site processing of top and edge surfaces is not required. Locate field joints where shown on Shop Drawings.
  - 1. Secure field joints in countertops with concealed clamping devices located within 6 inches of front and back edges and at intervals not exceeding 24 inches. Tighten in accordance with manufacturer's written instructions to exert a constant, heavy-clamping pressure at joints.
- D. Scribe and cut countertops to fit adjoining work, refinish cut surfaces, and repair damaged finish at cuts.
- E. Countertop Installation: Anchor securely by screwing through corner blocks of base cabinets or other supports into underside of countertop.
  - 1. Install countertops level and true in line. Use concealed shims as required to maintain not more than a 1/8-inch-in-96-inches variation from a straight, level plane.
  - 2. Secure backsplashes to tops with concealed metal brackets at 16 inches o.c. and to walls with adhesive.
  - 3. Seal joints between countertop and backsplash, if any, and joints where countertop and backsplash abut walls with mildew-resistant silicone sealant or another permanently elastic sealing compound recommended by countertop material manufacturer.

- F. Protection: Provide Kraft paper or other suitable covering over countertop surfaces, taped to underside of countertop at a minimum of 48 inches o.c. Remove protection at Substantial Completion.

END OF SECTION 123623.13





## SECTION 323113 - CHAIN LINK FENCES AND GATES

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section Includes:
  - 1. Chain-link fences.
  - 2. Swing gates.

#### 1.2 PREINSTALLATION MEETINGS

#### 1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Shop Drawings: For each type of fence and gate assembly.
  - 1. Include plans, elevations, sections, details, and attachments to other work.

#### 1.4 INFORMATIONAL SUBMITTALS

- A. Product certificates.
- B. Sample warranty.

#### 1.5 WARRANTY

- A. Special Warranty: Installer agrees to repair or replace components of chain-link fences and gates that fail in materials or workmanship within specified warranty period.
  - 1. Warranty Period: Five years from date of Substantial Completion.

## PART 2 - PRODUCTS

### 2.1 PERFORMANCE REQUIREMENTS

- A. Delegated Design: Engage a qualified professional engineer, as defined in Section 014000 "Quality Requirements," to design chain-link fence and gate frameworks.
- B. Structural Performance: Chain-link fence and gate frameworks shall withstand the design wind loads and stresses for fence height(s) and under exposure conditions indicated according to ASCE/SEI 7 :
  - 1. Design Wind Load: .
    - a. Minimum Post Size: Determine according to ASTM F 1043 for post spacing not to exceed 10 feet for Material Group IA, ASTM F 1043, Schedule 40 steel pipe .

### 2.2 CHAIN-LINK FENCE FABRIC

- A. General: Provide fabric in one-piece heights measured between top and bottom of outer edge of selvage knuckle or twist according to "CLFMI Product Manual" and requirements indicated below:
  - 1. Fabric Height: As indicated on Drawings.
  - 2. Steel Wire for Fabric: Wire diameter of 0.148 inch .
    - a. Mesh Size: 2 inches .
    - b. Zinc-Coated Fabric: ASTM A 392, Type II, Class 1, 1.2 oz./sq. ft. with zinc coating applied before weaving.
    - c. Coat selvage ends of metallic-coated fabric before the weaving process with manufacturer's standard clear protective coating.
  - 3. Aluminum Wire Fabric: ASTM F 1183, with mill finish, and wire diameter of 0.148 inch .
    - a. Mesh Size: 2 inches .
  - 4. Selvage: Knuckled at both selvages .

### 2.3 FENCE FRAMEWORK

- A. Posts and Rails : ASTM F 1043 for framework, including rails, braces, and line; terminal; and corner posts. Provide members with minimum dimensions and wall thickness according to ASTM F 1043 or ASTM F 1083 based on the following:
  - 1. Fence Height: 72 inches .
  - 2. Horizontal Framework Members: Intermediate top and bottom rails according to ASTM F 1043.
  - 3. Brace Rails: ASTM F 1043.
  - 4. Metallic Coating for Steel Framework:

- a. Coatings: Any coating above.

## 2.4 SWING GATES

- A. General: ASTM F 900 for gate posts and single swing gate types.
  - 1. Gate Leaf Width: 36 inches .
  - 2. Framework Member Sizes and Strength: Based on gate fabric height of 72 inches or less .
- B. Pipe and Tubing:
  - 1. Aluminum: ASTM B 429/B 429M; mill finish.
  - 2. Gate Posts: Round tubular aluminum .
  - 3. Gate Frames and Bracing: Round tubular aluminum .
- C. Frame Corner Construction: assembled with corner fittings.
- D. Extended Gate Posts and Frame Members: Fabricate gate posts and frame end members to extend as indicated above top of chain-link fabric at both ends of gate frame to attach barbed wire assemblies.
- E. Hardware:
  - 1. Hinges: 360-degree inward and outward swing.
  - 2. Latch: Permitting operation from both sides of gate with provision for padlocking accessible from both sides of gate.
  - 3. Lock: Manufacturer's standard internal device.
  - 4. Padlock and Chain: .
  - 5. Closer: Manufacturer's standard .
  - 6. .

## 2.5 FITTINGS

- A. Provide fittings according to ASTM F 626.
- B. Finish:
  - 1. Metallic Coating for Pressed Steel or Cast Iron: Not less than 1.2 oz./sq. ft. of zinc.
    - a. Polymer coating over metallic coating.
  - 2. Aluminum: Mill finish.

## 2.6 GROUT AND ANCHORING CEMENT

- A. Nonshrink, Nonmetallic Grout: Factory-packaged, nonstaining, noncorrosive, nongaseous grout complying with ASTM C 1107/C 1107M. Provide grout, recommended in writing by manufacturer, for exterior applications.
- B. Anchoring Cement: Factory-packaged, nonshrink, nonstaining, hydraulic-controlled expansion cement formulation for mixing with water at Project site to create pourable anchoring, patching, and grouting compound. Provide formulation that is resistant to erosion from water exposure without needing protection by a sealer or waterproof coating, and that is recommended in writing by manufacturer for exterior applications.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Do not begin installation before final grading is completed unless otherwise permitted by Architect.

### 3.2 PREPARATION

- A. Stake locations of fence lines, gates, and terminal posts. Do not exceed intervals of 500 feet or line of sight between stakes. Indicate locations of utilities, lawn sprinkler system, underground structures, benchmarks, and property monuments.

### 3.3 CHAIN-LINK FENCE INSTALLATION

- A. Install chain-link fencing according to ASTM F 567 and more stringent requirements specified.
- B. Post Excavation: Drill or hand-excavate holes for posts to diameters and spacings indicated, in firm, undisturbed soil.
- C. Post Setting: Set posts in concrete at indicated spacing into firm, undisturbed soil.
  - 1. Verify that posts are set plumb, aligned, and at correct height and spacing, and hold in position during setting with concrete or mechanical devices.
  - 2. Concrete Fill: Place concrete around posts to dimensions indicated and vibrate or tamp for consolidation. Protect aboveground portion of posts from concrete splatter.
    - a. Posts Set into Holes in Concrete: Form or core drill holes not less than 5 inches deep and 3/4 inch larger than OD of post. Clean holes of

loose material, insert posts, and fill annular space between post and concrete with nonshrink, nonmetallic grout or anchoring cement, mixed and placed according to anchoring material manufacturer's written instructions. Finish anchorage joint to slope away from post to drain water.

- D. Terminal Posts: Install terminal end, corner, and gate posts according to ASTM F 567 and terminal pull posts at changes in horizontal or vertical alignment of 15 degrees or more . For runs exceeding 500 feet, space pull posts an equal distance between corner or end posts.
- E. Line Posts: Space line posts uniformly at 96 inches o.c.
- F. Chain-Link Fabric: Apply fabric to outside of enclosing framework. Leave 2-inch bottom clearance between finish grade or surface and bottom selvage unless otherwise indicated. Pull fabric taut and tie to posts, rails, and tension wires. Anchor to framework so fabric remains under tension after pulling force is released.

### 3.4 ADJUSTING

- A. Gates: Adjust gates to operate smoothly, easily, and quietly, free of binding, warp, excessive deflection, distortion, nonalignment, misplacement, disruption, or malfunction, throughout entire operational range. Confirm that latches and locks engage accurately and securely without forcing or binding.
- B. Lubricate hardware and other moving parts.

END OF SECTION 323113





# RESIDENTIAL RESPITE CENTER

## WOOD COUNTY BOARD OF DD

### 41 ISLAND VIEW AVENUE

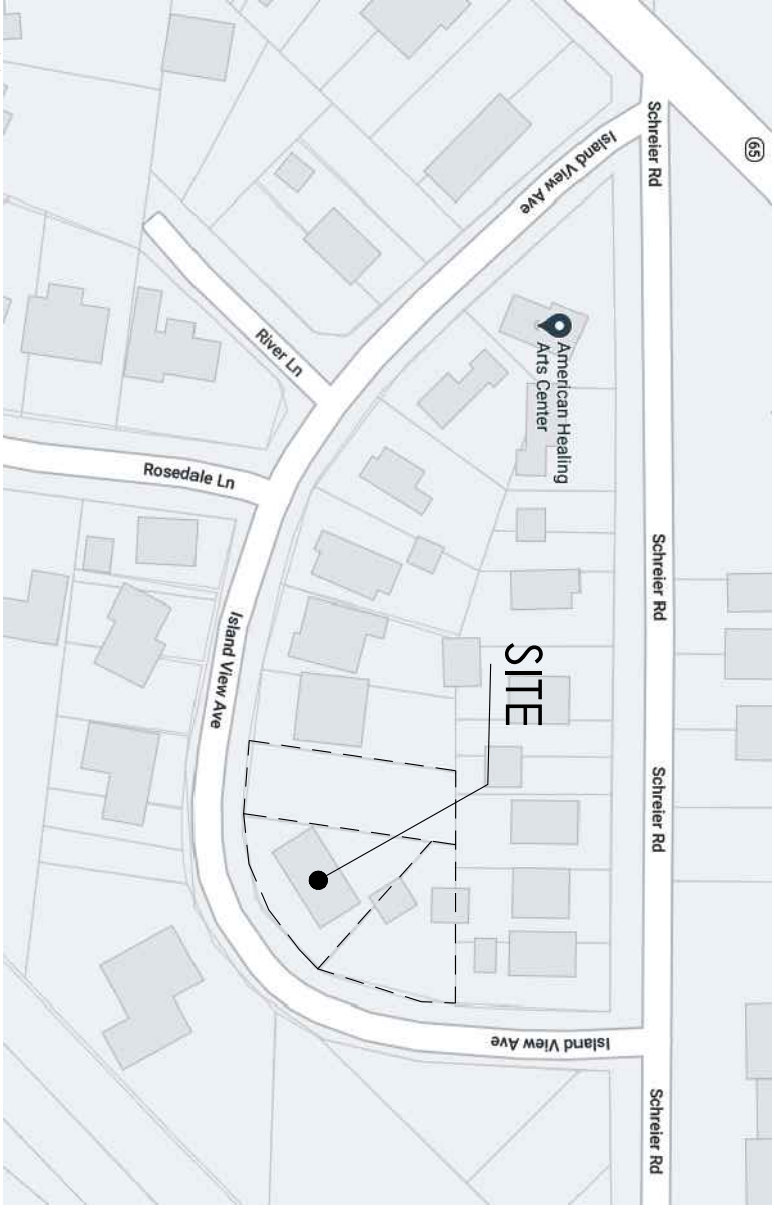
### ROSSFORD, OH 43460



PROPOSED NEW CONSTRUCTION  
PRELIMINARY IMAGE FOR REFERENCE ONLY



VICINITY MAP  
NO SCALE



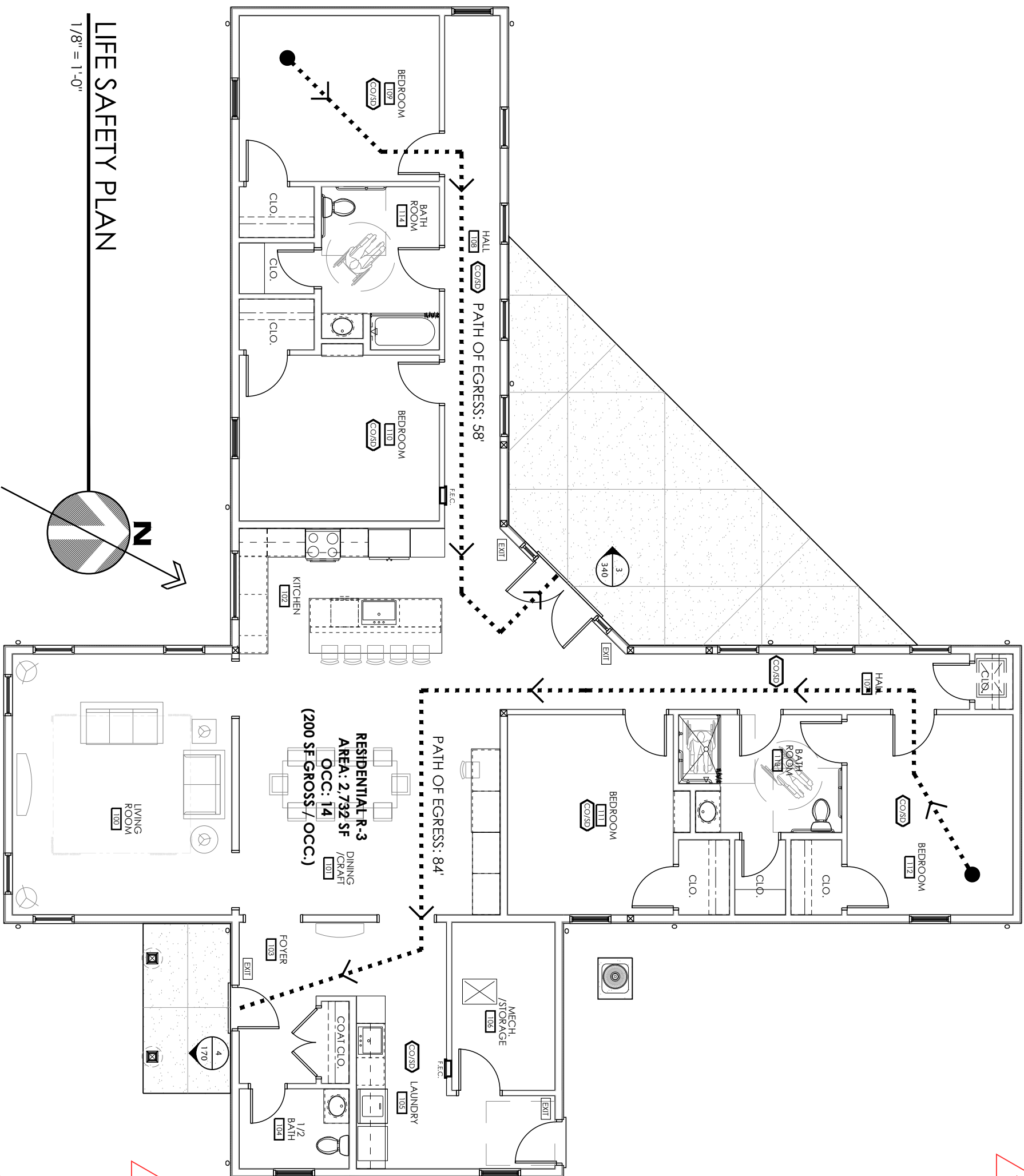
SITE PLAN  
NO SCALE

## INDEX OF DRAWINGS

GENERAL / LIFE SAFETY		ARCHITECTURAL (CONT'D)	
11-1P-2021 10-22-2021	11-1P-2021 10-22-2021		
<input type="checkbox"/> T1.0	TITLE SHEET, INDEX & LIFE SAFETY	<input type="checkbox"/> A7.1	WALL SECTIONS
<input type="checkbox"/> G1.0	REFERENCE DATA & DETAILS	<input type="checkbox"/> A7.2	WALL SECTION & PARTITION TYPES
	CIVIL	<input type="checkbox"/> A8.0	INTERIOR ELEVATIONS
<input type="checkbox"/> C1.0	EXISTING SITE TOPOGRAPHY	<input type="checkbox"/> A8.1	INTERIOR ELEVATIONS
<input type="checkbox"/> C2.0	SITE PLAN	<input type="checkbox"/> A8.2	INTERIOR ELEVATIONS
<input type="checkbox"/> C3.0	SITE GRADING PLAN	<input type="checkbox"/> A8.3	CASEWORK DETAILS
<input type="checkbox"/> C4.0	SITE UTILITY PLAN	<input type="checkbox"/> A8.4	CASEWORK DETAILS (CONT)
<input type="checkbox"/> C5.0	EROSION CONTROL PLAN	<input type="checkbox"/> A9.0	DOOR & WINDOW SCHEDULE/DETAILS
<input type="checkbox"/> C6.0	EROSION CONTROL NOTES AND DETAILS	<input type="checkbox"/> A9.1	DOOR & WINDOW DETAILS
<input type="checkbox"/> C7.0	NOTES AND DETAILS	<input type="checkbox"/> A11.0	FINISH SCHEDULE/LEGEND
<input type="checkbox"/> C8.0	NWMSD NOTES AND DETAILS	<input type="checkbox"/> A11.1	FLOORING PLAN
<input type="checkbox"/> C8.1	NWMSD NOTES AND DETAILS		FIRE PROTECTION
<input type="checkbox"/> C8.2	NWMSD NOTES AND DETAILS	<input type="checkbox"/> FP1.0	FIRE PROTECTION SCHEDULES, NOTES
<input type="checkbox"/> C8.3	NWMSD NOTES AND DETAILS	<input type="checkbox"/> FP2.0	FOUNDATION PLAN - FIRE PROTECTION
<input type="checkbox"/> C8.4	NWMSD NOTES AND DETAILS	<input type="checkbox"/> FP2.1	FLOOR PLAN - FIRE PROTECTION
<input type="checkbox"/> C8.5	NWMSD NOTES AND DETAILS		PLUMBING
<input type="checkbox"/> C8.6	NWMSD NOTES AND DETAILS	<input type="checkbox"/> P1.0	PLUMBING LEGEND, SCHEDULES, NOTES
<input type="checkbox"/> C8.7	NWMSD NOTES AND DETAILS	<input type="checkbox"/> P1.1	PLUMBING DETAILS
<input type="checkbox"/> C8.8	NWMSD NOTES AND DETAILS	<input type="checkbox"/> P2.0	FOUNDATION PLAN - PLUMBING
	ARCHITECTURAL	<input type="checkbox"/> P2.1	FLOOR PLAN - ABOVE FLOOR PLUMBING
<input type="checkbox"/> A1.0	EXISTING CONDITIONS/SITE DEMO PLAN		MECHANICAL
<input type="checkbox"/> A1.1	ARCHITECTURAL SITE PLAN & DETAILS	<input type="checkbox"/> M1.0	FLOOR PLAN - CRAWL SPACE HVAC
<input type="checkbox"/> A2.0	FOUNDATION/FLOOR FRAMING PLAN	<input type="checkbox"/> M1.1	FLOOR PLAN - HVAC
<input type="checkbox"/> A2.0a	FOUNDATION DETAILS	<input type="checkbox"/> M2.0	HVAC DETAILS AND SCHEDULES
<input type="checkbox"/> A2.1	FLOOR PLAN		ELECTRICAL
<input type="checkbox"/> A2.2	GARAGE PLANS, SECTIONS, ELEVATIONS (ALTERNATE 01)	<input type="checkbox"/> E1.00	ELECTRICAL LEGENDS, SCHEDULES & DETAILS
<input type="checkbox"/> A3.0	REFLECTED CEILING PLAN	<input type="checkbox"/> E2.00	SITE PLAN - ELECTRICAL
<input type="checkbox"/> A4.0	ROOF PLAN & DETAILS	<input type="checkbox"/> E3.00	FIRST FLOOR PLAN - LIGHTING
<input type="checkbox"/> A4.1	ROOF PLAN & DETAILS	<input type="checkbox"/> E4.00	FIRST FLOOR PLAN - POWER & SYSTEMS
<input type="checkbox"/> A5.0	EXTERIOR ELEVATIONS	<input type="checkbox"/> E5.00	PANELBOARD SCHEDULES & RISER DIAGRAM
<input type="checkbox"/> A5.1	EXTERIOR ELEVATIONS		
<input type="checkbox"/> A6.0	BUILDING SECTIONS		
<input type="checkbox"/> A6.1	BUILDING SECTIONS		
<input type="checkbox"/> A7.0	WALL SECTIONS		

## LIFE SAFETY LEGEND

	TACTILE EXIT SIGN IN COMPLIANCE WITH ICC A117.1, SECTION 703.		ROOM NAME AND NUMBER
	CHARACTER BASELINE: MINIMUM CHARACTER HEIGHT = 5/8".		ROOM NAME AND NUMBER
	PATH OF EGRESS		ACTUAL OCCUPANT LOAD
	BRACKET MOUNTED FIRE EXTINGUISHER		ALLOWABLE OCCUPANT LOAD FOR THIS EXIT
	FIRE EXTINGUISHER CABINET		1/2-HOUR FIRE RATING
	EXIT SIGNAGE - SEE ELEC. DRAWINGS		2-HOUR FIRE RATING
	EGRESS LIGHTING - EXISTING - SEE ELECTRICAL DRAWINGS		COMBINATION CARBON MONOXIDE / SMOKE DETECTOR - BY THE ALARM CONTRACTOR
<b>CODE REVIEW</b>			
BUILDING OFFICIAL JURISDICTION: 2017 OHIO BUILDING CODE/RESIDENTIAL CODE OF OHIO			
PROJECT DESCRIPTION: 2017 NATIONAL ELECTRICAL CODE 2017 NATIONAL MECHANICAL CODE 2017 NATIONAL FIRE PROTECTION CODE ACCESSIBILITY CODE: ICC/ANSI A117.1 2009			
PROJECT ADDRESS: PROJECT SCOPE OF WORK INVOLVES: CONSTRUCTING A RESIDENTIAL RESPITE CENTER FOR CHILDREN ON BEHALF OF THE WOOD COUNTY BOARD OF DEVELOPMENTAL DISABILITIES 41 ISLAND VIEW AVENUE ROSSFORD, OHIO 43460			
OBC-CHAPTER 3, USE AND OCCUPANCY: SECTION 310.5: RESIDENTIAL, GROUP R-3 (SPRINKLERED) PROPOSED STRUCTURE AND PROPOSED USE GROUP			
OBC-CHAPTER 3, GENERAL BUILDING HEIGHTS AND AREAS: TABLE 304.3/304.4/306.2: ALLOWABLE BUILDING DATA			
OCCUPANCY CLASSIFICATION R-3 & CONSTRUCTION TYPE 5B (SPRINKLERED) 40' 0" / 3 STORY / UNLIMITED 50' 0" / 1 STORY / 2,732 SF			
OBC-CHAPTER 6, TYPE OF CONSTRUCTION: TABLE 601: TYPE 5B STRUCTURAL FRAME: 0 HR BEARING EXTERIOR WALLS: 0 HR BEARING INTERIOR WALLS: 0 HR NON BEARING WALLS: 0 HR FLOOR CONSTRUCTION: 0 HR ROOF CONSTRUCTION: 0 HR			
OBC-CHAPTER 7, FIRE & SMOKE PROTECTION: SECTION 708.3, EXCEPTION 2: DWELLING UNIT AND SLEEPING UNIT SEPARATIONS IN BUILDINGS OF TYPE IIB, IIBB AND VB CONSTRUCTION SHALL HAVE FIRE-RESISTANCE RATINGS OF NOT LESS THAN 1/2 HOUR IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1.			
OBC-CHAPTER 8, INTERIOR FINISHES: SECTION 803.1.1: CLASS A - FLAME SPREAD INDEX 0-25 SMOKE DEVELOPED INDEX 0-450 CLASS B - FLAME SPREAD INDEX 26-75 SMOKE DEVELOPED INDEX 0-450 CLASS C - FLAME SPREAD INDEX 76-200 SMOKE DEVELOPED INDEX 0-450 INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY FOR USE GROUP R-3, SPRINKLERED FACILITY: EXIT ENCLOSURES AND EXIT PASSAGEWAYS: C CORRIDORS: C ROOMS AND ENCLOSED SPACES: C			
OBC-CHAPTER 9, FIRE PROTECTION SYSTEMS: SECTION 903.3.1.3 NFPA 13B: REQUIRED: PROVIDED			
SECTION 907.2.1.1.2: SINGLE OR MULTIPLE-STATION SMOKE ALARMS, WHERE REQUIRED SINGLE OR MULTIPLE-STATION SMOKE ALARMS SHALL BE INSTALLED: 1. ON THE CEILING OR WALL, OUTSIDE OF EACH SEPARATE SLEEPING AREA IN EACH DWELLING UNIT. 2. IN EACH ROOM USED FOR SLEEPING PURPOSES. 3. IN EACH STORY WITHIN A DWELLING UNIT, INCLUDING BASEMENTS BUT NOT INCLUDING CRAWL SPACES AND UNINHABITABLE ATTICS.			
OBC-CHAPTER 10, MEANS OF EGRESS: TABLE 1004.1.2: RESIDENTIAL AREAS: 200 SF / GROSS SINGLE STORY DWELLING: 2,732 SF / 200 SF GROSS = 14 OCCUPANCY: R-3 MAX TRAVEL DISTANCE: 250'			
OBC-CHAPTER 11, ACCESSIBILITY: TABLE 1107.6.1.1: MIN. REQUIRED # OF ACCESSIBLE UNITS WITHOUT ROLL-IN SHOWERS: 1 MIN. REQUIRED # OF ACCESSIBLE UNITS WITH ROLL-IN SHOWERS: 0 TOTAL NUMBER OF ACCESSIBLE UNITS: 1			
OBC-CHAPTER 29, PLUMBING SYSTEMS: TABLE 2902.1: MIN. REQUIRED: 1 USE: R-3 WC: 1/1 LAV: 1/1 BATH: 1/1 KIT: 5K: 1/1 ACTUAL PROVIDED: 1 USE: R-3 WC: 3/1 LAV: 3/1 BATH: 2/1 KIT: 5K: 1/1 1 AUTOMATIC CLOTHES WASHER CONNECTION PER DWELLING UNIT REQUIRED: 1 PROVIDED.			







1. THE NOTES GIVEN ON THESE DRAWINGS ARE FOR GENERAL INFORMATION AND MATERIAL SPECIFICATIONS. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR MAINTAINING FABRICATION AND ERECTION TOLERANCES, AND IS RESPONSIBLE FOR PROPER BUILDING EXECUTION AND QUALITY CONTROL THAT IS IN ACCORDANCE WITH STANDARD CONSTRUCTION PRACTICES.

## FOUNDATION NOTES

1. SPREAD FOOTING DESIGN IS BASED ON AN ALLOWABLE BEARING CAPACITY OF 1500 PSF. IF UNSOUND CONDITIONS ARE ENCOUNTERED THE CONTRACTOR SHALL BRING THIS TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
2. SPREAD FOOTINGS AND PIERS ARE CENTERED ABOUT COLUMNS, UNLESS NOTED OTHERWISE. WALL STRIP FOOTINGS ARE CENTERED ABOUT FOUNDATION WALLS. UNO.

1. CONCRETE SHALL HAVE A MINIMUM COMPRESSION STRENGTH AT 28 DAYS OF 3000 PSI.

1. CONCRETE SHALL HAVE A MINIMUM COMPRESSION STRENGTH AT 28 DAYS OF 3000 PSI.
2. THE DETAILING, BRIDING, AND PLACEMENT OF REINFORCING STEEL AND CONCRETE SHALL BE IN ACCORDANCE WITH THE LATEST AIA STANDARD CODE.
3. ALL CONCRETE REINFORCING SHALL BE DEFORMED STEEL BARS CONFORMING TO ASTM A615, GRADE 60.
4. ALL WEIDED WIRE FABRIC SHALL CONFORM TO ASTM A185, LAP MESH SHEETS ONE SQUARE FEET/18 X 18 INCHES, MINIMUM.
5. ALL CONCRETE SLABS ON GRADE SHALL HAVE CONTROL JOINTS SPACED AT 15' 0" C/C EACH WAY. MAXIMUM, SPACING ARMED JOINTS SHALL NOT EXCEED 21'. SEE PLAN FOR SPECIFIC CONTROL JOINT LAYOUT.
6. PRIOR TO PLACING CONCRETE COORDINATE WITH ALL OTHER TRADES, INCLUDING MECHANICAL, ELECTRICAL, AND THE INSTALLATION OF ALL ANCHOR BOLTS, PIPE STEELS, CONDENS AND ETC.
7. WATER CEMENT MAXIMUM RATIOS & SLUMPS: EXTERIOR CONCRETE W/C = .45; FLOORWORK W/C = .48.
8. MAXIMUM MAX. SLUMP 8-INCHES.
9. ALL EXTERIOR CONCRETE SHALL BE AIR ENRICHED WITH AN AIR CONTENT OF 5% - 15% OF THE VOLUME OF CONCRETE.
10. IN HOT WEATHER (GREATER THAN 90°F), COOL THE INGREDIENTS PRIOR TO PLACING AND MAINTAIN TEMPERATURE BELOW 70°F DURING PLACEMENT AND CURING.
11. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, INTERFERENCE AND CONDITIONS PRIOR TO CONCRETE POUR AND REPORT ANY DISCREPANCIES TO THE ENGINEER.

1. ALL WOOD ROOF SHEATHING SHALL BE 5/8" OSB. PLACE PANELS IN A STAGGERED ARRANGEMENT. NAIL PANELS DOWN TO THE SUPPORT FRAMING WITH 6d NAILS. NAIL SPACING SHALL BE 6" C/C @ PANEL EDGES AND 12" C/C IN PANEL FIELD.
2. ALL MAIN FRAMING MEMBERS, JOISTS, RAFTERS, BEAMS, HEADERS, ETC., SHALL BE NO. 1/NO. 2 AND BETTER SPRUCE-PIKE-FIR, OR NO. 2 AND BETTER HEM-FIR UN-D.

3. ALL WELD STUDS SHALL BE NO. 1/20'S AND BETTER STIFFNESS-FINE-PIR# OR EQUAL.
4. NON-STRUCTURAL NAILERS, BLOCKING, BRIDGING, ETC. SHALL BE CONSTRUCTION GRADE SPRUCE-PINE-FIR OR WHITE WOODS.
5. ALL DIMENSIONAL LUMBER (I.E.) BEAMS WITH MORE THAN ONE PLY SHALL BE NAILED TOGETHER WITH 2 ROWS OF 100 COMMON NAILS AT 12" C.C. U.N.O.
6. ALL LAMINATED VENEER LUMBER (LVL) SHALL HAVE A BENDING STRENGTH OF 3500 PSI AND A MINIMUM OF 17% MOISTURE RESISTANCE.
7. ALL FRAMING CONNECTIONS SHALL UTILIZE "SIMPSON" FACE MOUNT HANGERS OR EQUAL.
8. PROVIDE WOOD NAILER ON TOP OF STEEL BEAMS WHERE REQUIRED FOR WOOD FRAMING. ATTACH WITH 1/2 DIA. BOLTS AT 1'-0" C.C. (STAGGER EACH SIDE OF WEB).
9. CANYON ROOF DECK SHALL BE 3/4" EXTERIOR GRADE PLYWOOD, APA RATED.

10. CONTRACTOR IS RESPONSIBLE FOR PROVIDING LATERAL BRACING FOR FLOOR JOISTS PER MANUFACTURER RECOMMENDATIONS TO MEET RCO SECTION 507.2.

11. ALL FLOOR FRAMING SHALL BE NAILED IN ACCORDANCE WITH RCO TABLE 602.3(1).

FOUNDATION WALLS ARE TO BE PRESERVED WITH AWP A U1 PER RCO SECTION 317.1(2)

13. ALL WOOD SILLS AND SLEEPERS ON CONCRETE SLAB ON GRADE ARE TO BE PRESERVITITE-TREATED IN ACCORDANCE WITH AWPA U1 PER RCO SECTION 317.1(3)

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**mda engineering, inc**  
Mechanical  
and Electrical  
Engineers  
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Maumee, Ohio 43533  
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SEAL:



Andrew R. Knopp License #1817352  
Expiration Date 12/31/2021  
NOT FOR CONSTRUCTION UNLESS SIGNED & SEALED

RESIDENTIAL RESPITE CENTER  
WOOD COUNTY BOARD OF DEVELOPMENTAL DISABILITIES

41 ISLAND VIEW AVENUE  
ROSSFORD, OH 43460

ISSUE OR REVISION:	
_____	_____
_____	_____
_____	_____
11.19.2021	-
10.22.2021	ADENDUM 01
	PERMIT & BID SET
	
DATE	
ISSUE / REVISION	
DESIGNED: ACH	
DRAWN: ACH/SJW	_____
CHECKED: ARK	_____
TFA COMMISSION NUMBER: 20026	
DRAWING TITLE:	

**DRAWING TITLE:**

TPA COMMISSION NUMBER: 20026

**DRAWING TITLE:**

FOUNDATION/  
FLOOR FRAMING  
PLAN

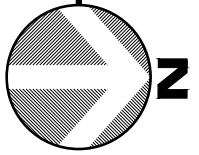
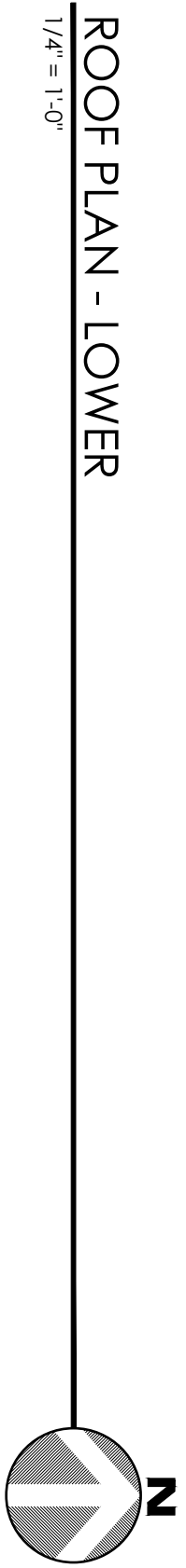
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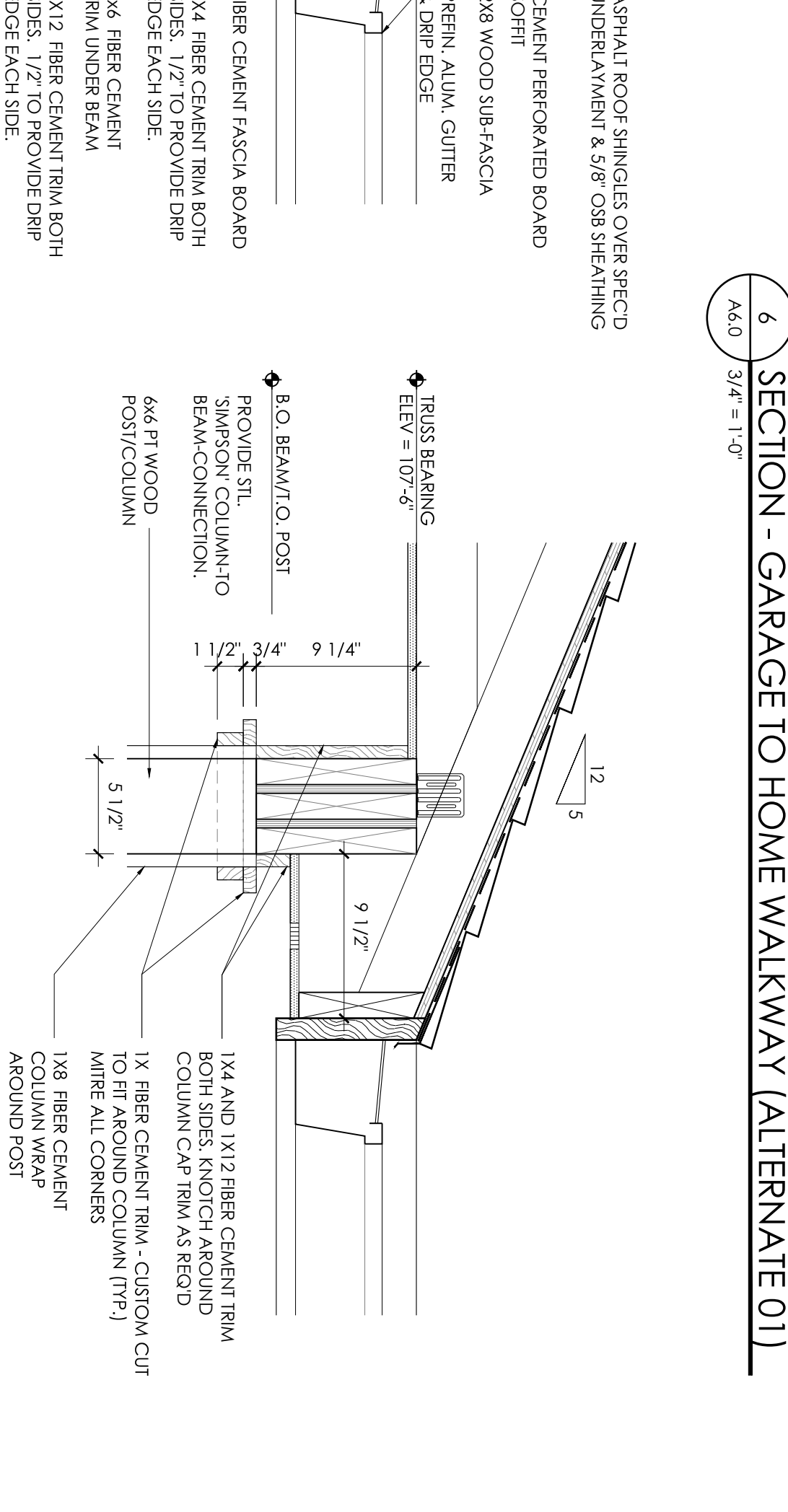
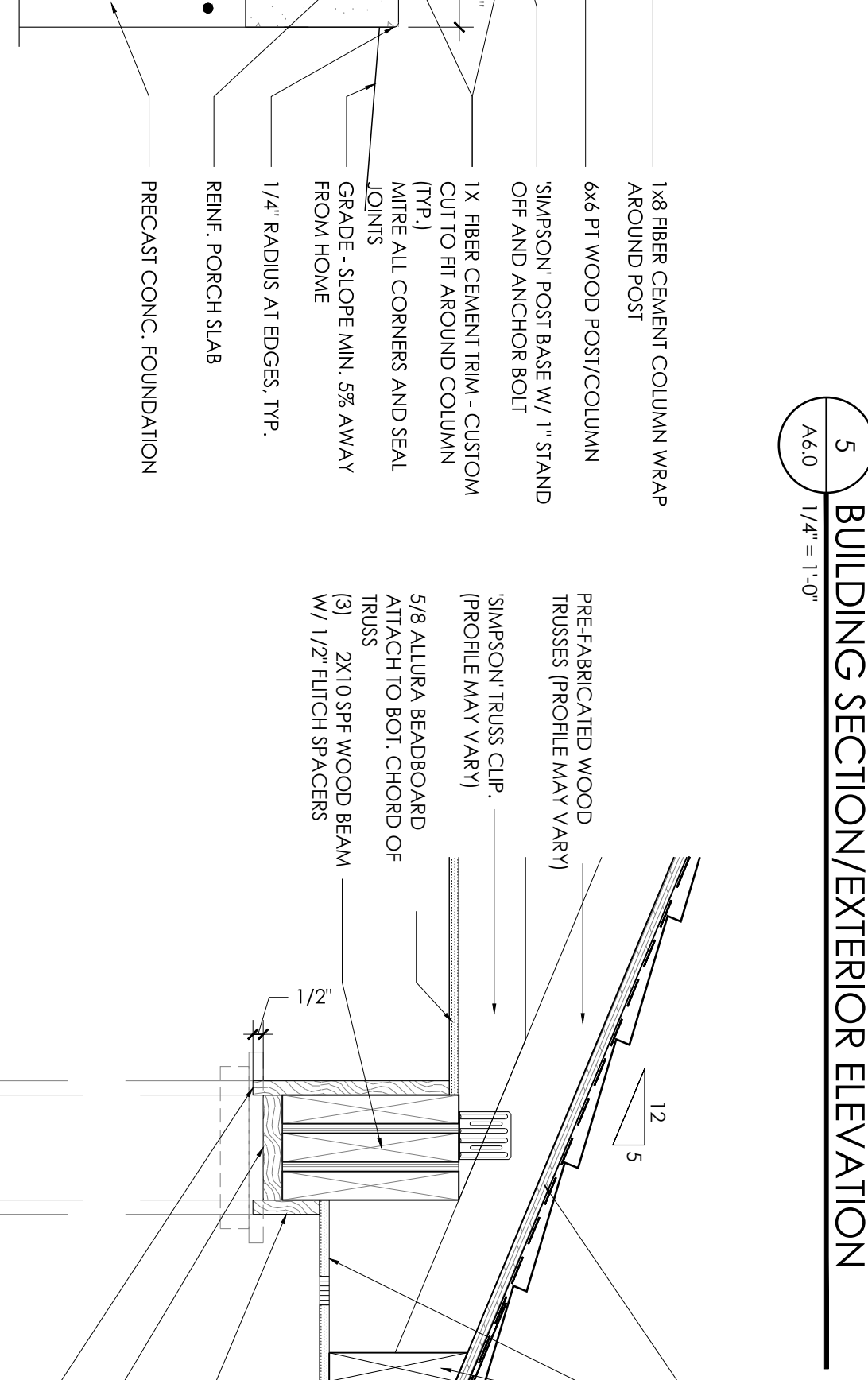
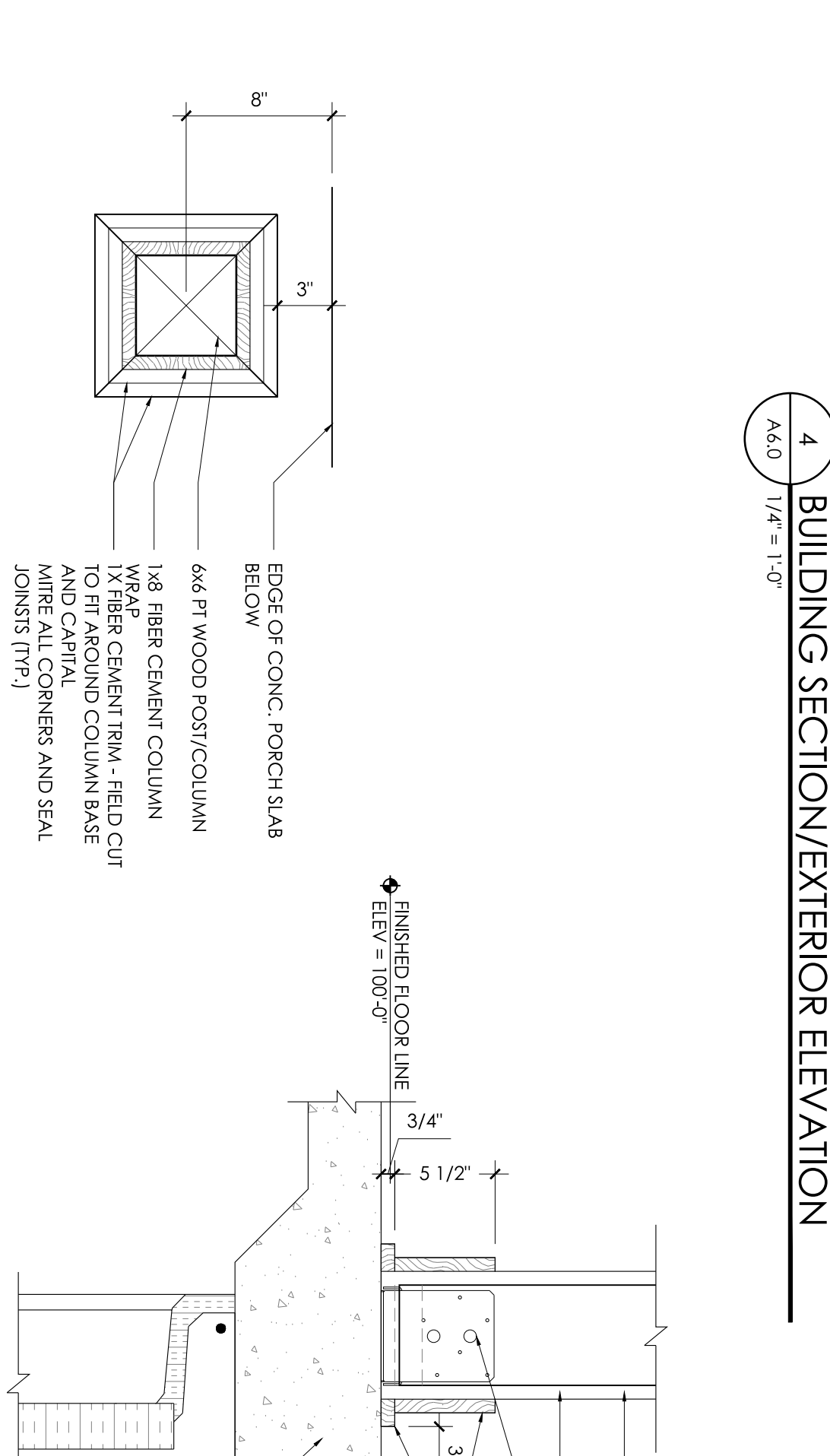
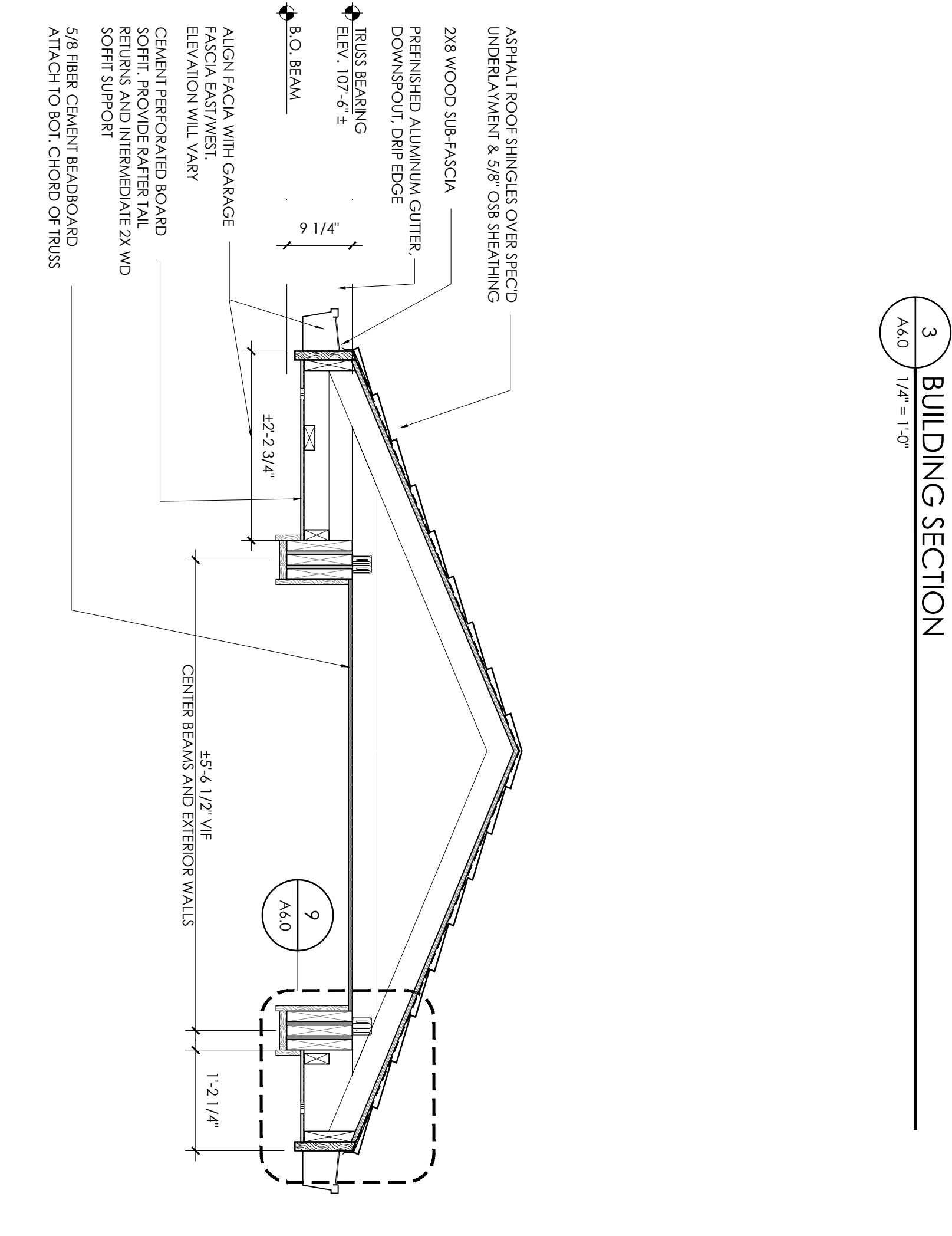
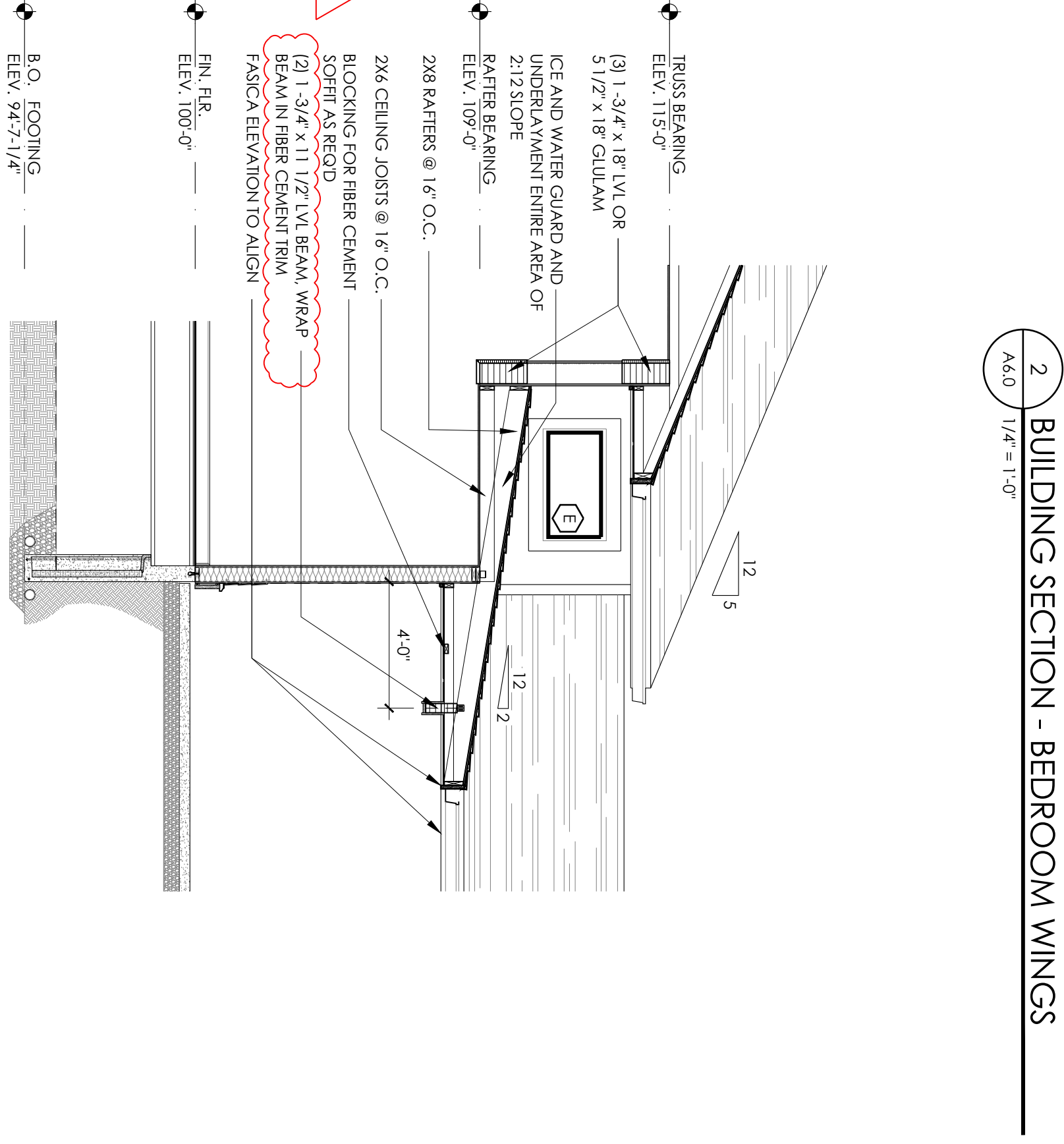
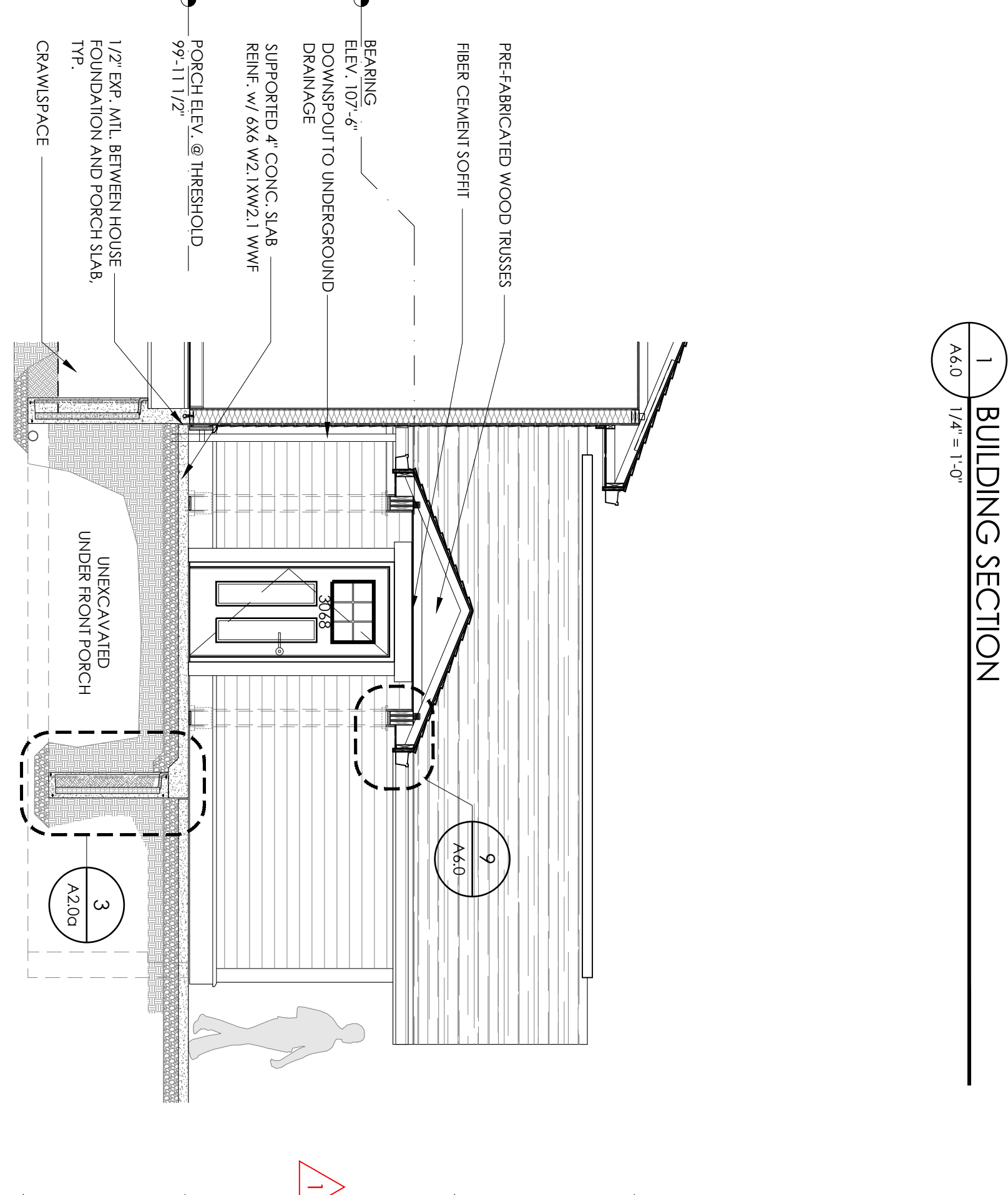
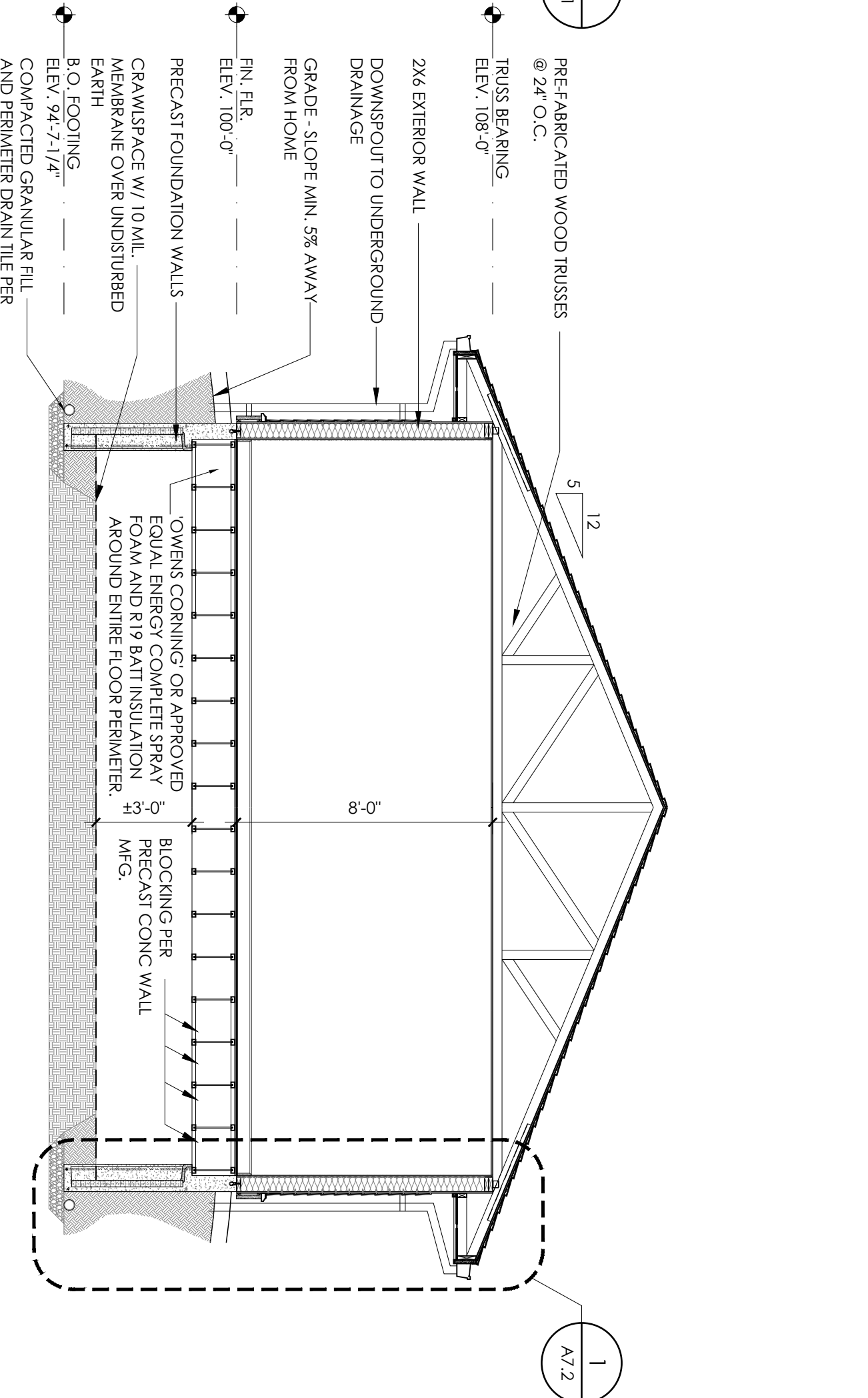
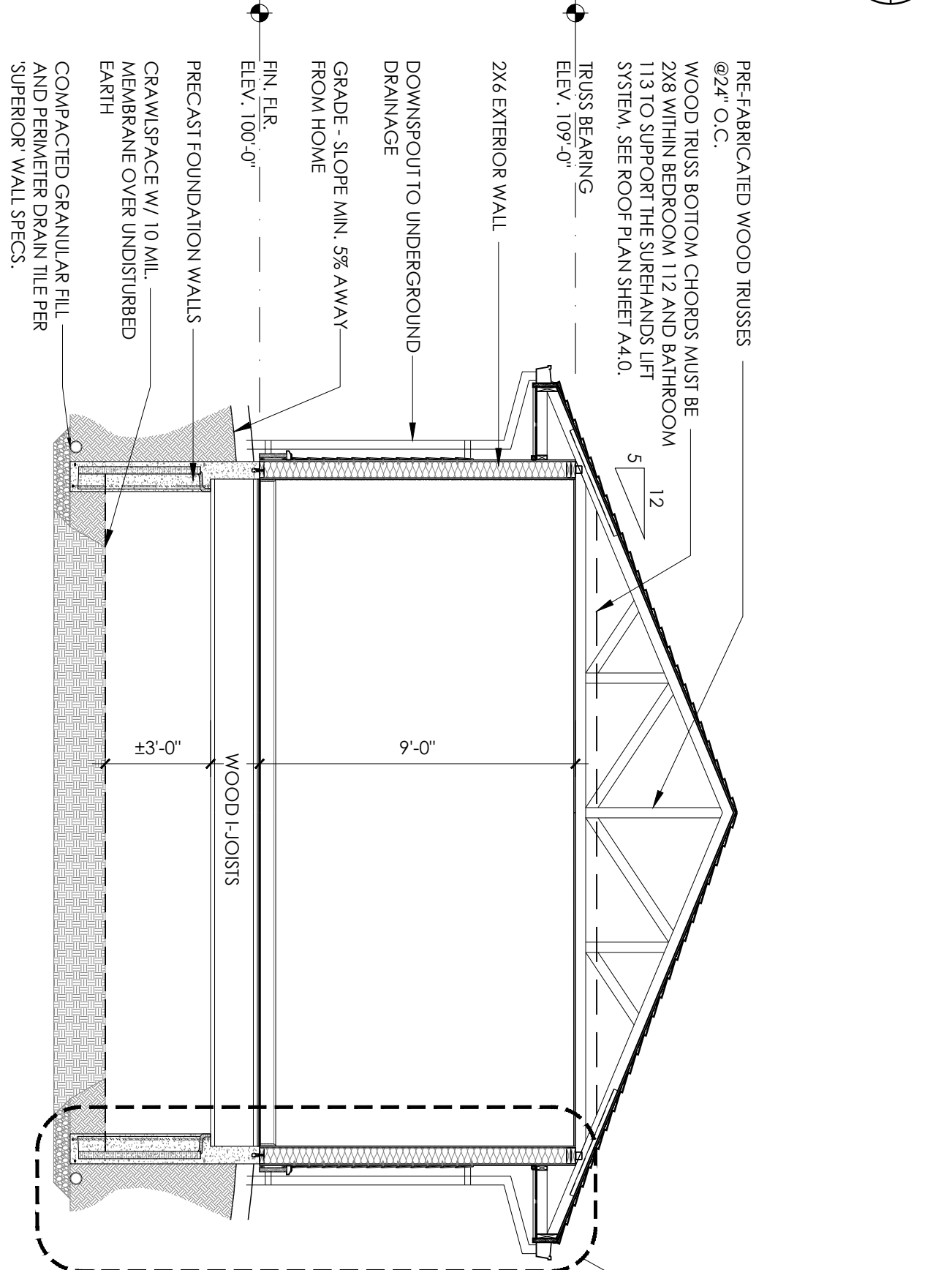
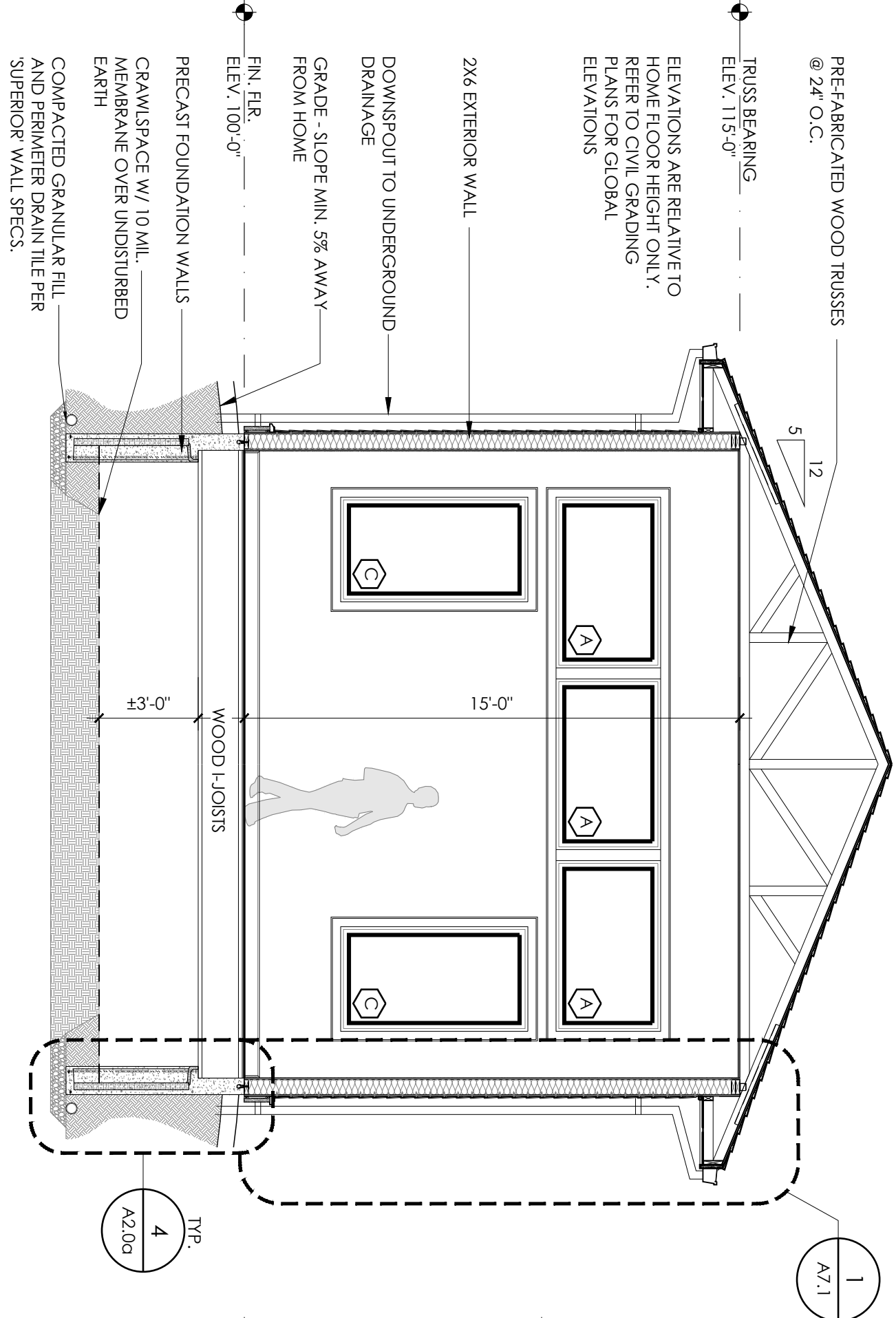
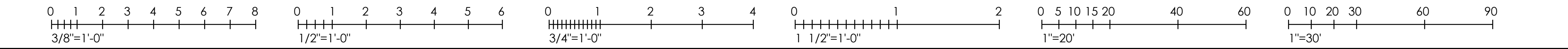












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PROJECT TITLE:

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DESIGNED: ACH

DRAWN: ACH/SW

CHECKED: ARK

TPA COMMISSION NUMBER: 20026

DRAWING TITLE:

BUILDING SECTIONS

DRAWING NUMBER:

A6.0