

ADDENDUM ONE

Tall Oaks and Whispering Oaks Community Garden
7300 Decatur Road
Fort Wayne, IN 46816

MARTINRILEY architects/engineers
221 West Baker Street
Fort Wayne, Indiana 46802
260-422-7994

Commission No.: F24074

Addendum Date: 07 October 2024

Conditions: The following clarifications, amendments, additions, deletions, revisions and modifications are a part of the contract documents and change the original documents only in the manner and to the extent stated.

Copies of the Addendum shall be bound with all contract sets of drawings and specifications.

CLARIFICATIONS:

No clarifications to be made at this time.

CHANGES TO SPECIFICATIONS:

Section 000101 *Title Sheet*, **REPLACE** attached section to volume.
Section 000110 *Table of Contents*, **REPLACE** attached section to volume.
Section 074646 *Fiber Cement Siding*, **REPLACE** attached section to volume.
Section 081613 *Fiberglass Doors*, **REPLACE** attached section to volume.
Section 099300 *Staining and Transparent Finishing*, **ADD** attached section to volume.
Section 323119 *Decorative Metal Fences and Gates*, **ADD** attached section to volume.

CHANGES TO DRAWINGS:

Sheet T101 - SEE ATTACHED SHEET for revisions: **REPLACE** Sheet, in entirety.

Sheet A501 - SEE ATTACHED SHEET for revisions:

- WORK DESCRIPTION NOTES - S:
 - **MODIFY** Note #S14 to state, "2x6 PRESSURE-TREATED WOOD BOTTOM PLATE WITH NEOPRENE GASKET. PROVIDE ANCHOR BOLTS SPACED 4'-0" C/C MAX."
 - **MODIFY** Note #S21 to state, "VENTING FABRIC".

- 1/A501:
 - **ADD** (2) Dimension strings within the shed plan, showing overall dimension from outside framing to outside framing.
- 3/A501: **REVISE** Entire drawing.

Sheet **A502** - SEE ATTACHED SHEET for revisions:

- WORK DESCRIPTION NOTES - G:
 - **MODIFY** Note #G7 to state, "WOODEN DOUBLE IN-SWING GATE"
 - **MODIFY** Note #G7 to state, "1/2" DIAMETER WOODEN RODS, DOWELED 1" INTO STYLES. STAIN AND SEAL."
 - **ADD** Note #G11 to state, "9- #4 REBAR"
 - **ADD** Note #G12 to state, "3- #5 REBAR @12" "
- 2/A502:
 - **ADD** Rebar to Section with bars facing each direction.
- 5/A502:
 - **ADD** Rebar to Section with bars facing each direction.
 - **PLACE** (2) Work Description Notes (#G11, #G12) within Section.
- 8/A502:
 - **ADD** Construction Notation stating, "**GATE LATCH / HARDWARE**, PROVIDE (1) *OVAL CONTEMPORARY LEVER GATE LATCH* BY 360YARDWARE, OR EQUAL. DOUBLE GATE INSTALLATION WITH R.H. OPERATION; GATE THICKNESS 1.5". INCLUDE (2) STOPS, (2) HOLDS, PADLOCK EYES, AND 4"x4-1/2" 316 MARINE GRADE STAINLESS STEEL BUTT HINGES (6). ALL BLACK FINISH."
 - **ADD** Latch, graphically, to the drawing.
 - **ADD** (2) Dimension strings to the drawing.
- 9/A502: **REVISE** Entire drawing/plan.

Sheet **A503** - SEE ATTACHED SHEET for revisions:

- WORK DESCRIPTION NOTES - M:
 - **ADD** Note #M24 to state, "9- #5 REBAR"
 - **ADD** Note #M25 to state, "3- #5 REBAR @12" "
- WORK DESCRIPTION NOTES - F:
 - **UPDATE** Note #F1 to state, "4x4 CEDAR POST"
 - **UPDATE** Note #F2 to state, "2x8 CEDAR CAP"
 - **UPDATE** Note #F3 to state, "1x6 CEDAR HORIZONTAL RUNNERS"
 - **UPDATE** Note #F4 to state, "1x6 CEDAR VERTICAL PLANKS"
- 4/A503:
 - **ADD** Rebar to Section with bars facing each direction.
 - **PLACE** (2) Work Description Notes (#M24, #M25) within Section.

ATTACHMENTS:

000101 Title Page.pdf

000110 Table of Contents.pdf

074646 Fiber Cement Siding.pdf

081613 Fiberglass Doors.pdf

099300 Staining and Transparent Finishing.pdf

323119 Decorative Metal Fences and Gates.pdf

T101.pdf

A501.pdf

A502.pdf

A503.pdf

END OF ADDENDUM NUMBER ONE

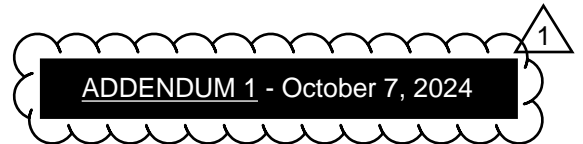
W:\2024 Projects\F24074 FWHA Tall Oaks Comm Garden\Project Management\05-Bidding\ADDENDUM 1

FORT WAYNE HOUSING AUTHORITY

Tall Oaks and Whispering Oaks Community Garden



7300 Decatur Avenue
Fort Wayne, Indiana 46816



Architect:



PROJECT MANUAL:

Commission Number: F24074

October 2024

Set No. _____

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HUD 5370 - General Conditions of the Contract for Construction
HUD 50070 - Certification for a Drug-Free Workplace
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Section 3 Compliance
HUD 51000 - Schedule of Amounts for Contractor Payments
HUD 51001 - Periodic Estimate for Partial Payments
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END OF SECTION

**SECTION 07 4646
FIBER CEMENT SIDING****PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Fiber cement lap siding, panels, shingle, trim, fascia, moulding, and accessories; James Hardie HZ10 Engineered for Climate Siding and Hardie Architectural Panels.
- B. Factory-finished fiber cement lap siding, panels, shingle, trim, fascia, moulding, and accessories; James Hardie HZ10 Engineered for Climate Siding.

1.02 RELATED SECTIONS

- A. Section 06 10 00 - Rough Carpentry.

1.03 REFERENCES

- A. ASTM D3359 - Standard Test Method for Measuring Adhesion by Tape Test, Tool and Tape.
- B. ASTM E136 - Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750 degrees C.

1.04 SUBMITTALS

- A. Submit under provisions of Section 01 30 00 - Administrative Requirements.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Shop Drawings: Provide detailed drawings of atypical non-standard applications of cementitious siding materials which are outside the scope of the standard details and specifications provided by the manufacturer.
- D. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
- E. Verification Samples: For each finish product specified, two samples, minimum size 4 by 6 inches (100 by 150 mm), representing actual product, color, and patterns.

1.05 QUALITY ASSURANCE

- A. Installer Qualifications: Minimum of 2 years' experience with installation of similar products.
- B. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
 - 1. Finish areas designated by Architect.
 - 2. Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect.
 - 3. Remodel mock-up area as required to produce acceptable work.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Store siding on edge or lay flat on a smooth level surface. Protect edges and corners from chipping. Store sheets under cover and keep dry prior to installing.
- C. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

1.07 PROJECT CONDITIONS

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

1.08 WARRANTY

- A. Product Warranty: Limited, non-pro-rated product warranty.
 - 1. HardiePlank HZ10 lap siding for 30 years.
- B. Finish Warranty: Limited product warranty against manufacturing finish defects.
 - 1. When used for its intended purpose, properly installed and maintained according to Hardie's published installation instructions, James Hardie's ColorPlus finish with ColorPlus Technology, for a period of 15 years from the date of purchase: will not peel; will not crack; and will not chip. Finish warranty includes the coverage for labor and material.
- C. Workmanship Warranty: Application limited warranty for 2 years.

PART 2 PRODUCTS**2.01 MANUFACTURERS**

- A. Basis of Design: James Hardie Building Products, Inc., which is located at: 231 S. La Salle St. Suite 2000; Chicago, IL 60604; Toll Free Tel: 877-236-7526; Email: request info (info@jameshardie.com); Web: <https://www.jameshardiepros.com> | <https://www.jameshardie.com>
- B. Plycem USAm LLC, a.k.a Allura, located at 396 W. Greens Rd, Ste 300, Houston TX, 77067; www.alluraUSA.com
- C. Requests for approval of equal substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

2.02 SIDING AND TRIM

- A. HardiePlank HZ10 lap siding, HardiePanel HZ10 vertical siding, HardieSoffit HZ10 panels and HardieShingle HZ10 siding requirement for materials:
 - 1. Fiber-cement siding - complies with ASTM C 1186 Type A Grade II.
 - 2. Fiber-cement siding - complies with ASTM E 136 as a noncombustible material.
 - 3. Fiber-cement siding - complies with ASTM E 84 Flame Spread Index = 0, Smoke Developed Index = 5.
 - 4. ICC-ES evaluation reports ESR-2290, ESR-1844, and ESR-2273 (IBC, IRC, CBC, CRC).
 - 5. US Department of Housing and Urban Development Materials Release -1263.
- B. Lap Siding: HardiePlank HZ10 Lap as manufactured by James Hardie Building Products, Inc.
 - 1. Type: Select Cedarmill 8-1/4 inches (210 mm) with 7 inches (178 mm) exposure.

2.03 FASTENERS

- A. Wood Framing Fasteners:
 - 1. Provide manufacturer recommended wood framing fasteners for each intended use.

2.04 FINISHES

- A. Factory Primer: Provide factory applied universal primer.
 - 1. Primer: Factory primed by manufacturer.
- B. Factory Finish Color for Siding Colors:
 - 1. To be selected by Architect.

PART 3 EXECUTION**3.01 EXAMINATION**

- A. Do not begin installation until substrates have been properly prepared.
- B. If framing preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
- C. Nominal 2 inch by 4 inch (51 mm by 102 mm) wood framing selected for minimal shrinkage and complying with local building codes, including the use of water-resistive barriers or vapor barriers where required. Minimum 1-1/2 inches (38 mm) face and straight, true, of uniform dimensions and properly aligned.
 - 1. Install water-resistive barriers and claddings to dry surfaces.

2. Repair any punctures or tears in the water-resistive barrier prior to the installation of the siding.
 3. Protect siding from other trades.
- D. Minimum 20 gauge (1 mm) 3-5/8 inch (92 mm) C-Stud 16 inches maximum on center or 16 gauge (1.6 mm) 3-5/8 inches (92 mm) C-Stud 24 inches (610 mm) maximum on center metal framing complying with local building codes, including the use of water-resistive barriers and/or vapor barriers where required. Minimum 1-1/2 inches (38 mm) face and straight, true, of uniform dimensions and properly aligned.
1. Install water-resistive barriers and claddings to dry surfaces.
 2. Repair any punctures or tears in the water-resistive barrier prior to the installation of the siding.
 3. Protect siding from other trades.

3.02 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- C. Install a water-resistive barrier is required in accordance with local building code requirements.
- D. The water-resistive barrier must be appropriately installed with penetration and junction flashing in accordance with local building code requirements.
- E. Install Engineered for Climate HardieWrap weather barrier in accordance with local building code requirements.
- F. Use HardieWrap Seam Tape and joint and laps.
- G. Install and HardieWrap flashing, HardieWrap Flex Flashing.

3.03 INSTALLATION - HARDIEPLANK HZ10 LAP SIDING, ARTISAN HZ10 LAP SIDING, AND ARTISAN HZ10 LAP SIDING WITH LOCK JOINT SYSTEM

- A. Install materials in strict accordance with manufacturer's installation instructions.
- B. Starting: Install a minimum 1/4 inch (6 mm) thick lath starter strip at the bottom course of the wall. Apply planks horizontally with minimum 1-1/4 inches (32 mm) wide laps at the top. The bottom edge of the first plank overlaps the starter strip.
- C. Allow minimum vertical clearance between the edge of siding and any other material in strict accordance with the manufacturer's installation instructions.
- D. Align vertical joints of the planks over framing members.
- E. Butt joints must not fall within 4 inches (102 mm) of a stud. Do not nail within 2 inches (51 mm) of the end of planks.
- F. Maintain clearance between siding and adjacent finished grade.
- G. Locate splices at least one stud cavity away from window and door openings.
- H. For proper fastener selection and fastening schedules for various wind load requirements and framing options, refer to the Technical Data Sheet at www.aspyredesign.com.
- I. Face nail to sheathing.
- J. Locate splices at least 12 inches (305 mm) away from window and door openings.

3.04 FINISHING

- A. Finish unprimed siding with a minimum one coat high quality, alkali resistant primer and one coat of either, 100 percent acrylic or latex or oil based, exterior grade topcoats or two coats high quality alkali resistant 100 percent acrylic or latex, exterior grade topcoat within 90 days of installation. Follow paint manufacturer's written product recommendation and written application instructions.
- B. Finish factory primed siding with a minimum of one coat of high quality 100 percent acrylic or latex or oil based exterior grade paint within 180 days of installation. Follow paint

manufacturer's written product recommendation and written application instructions.

3.05 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION

**SECTION 08 1613
FIBERGLASS DOORS****PART 1 - GENERAL****1.01 SECTION INCLUDES**

- A. Fiberglass Entrance Doors
- B. Prehung Systems

1.02 REFERENCE STANDARDS

- A. AAMA 1304 - Voluntary Specification for Forced Entry Resistance of Side-Hinged Door Systems; 2002.
- B. ASTM E331 - Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference; 2000 (Reapproved 2009).
- C. ASTM E547 - Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Cyclic Static Air Pressure Differential; 2000 (Reapproved 2009).
- D. ASTM E1886 - Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials; 2013a.
- E. ASTM E1996 - Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Windborne Debris in Hurricanes; 2014.
- F. NFRC 100 - Procedure for Determining Fenestration Product U-factors; 2014.
- G. NFRC 200 - Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence; 2014.

1.03 REFERENCES

- A. American Architectural Manufacturer Association (AAMA)
 - 1. AAMA 1304; Voluntary Specification for Forced Entry Resistance of Side-Hinged Door Systems.
- B. ASTM International
 - 1. ASTM E283; Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen.
 - 2. ASTM E330; Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Pressure Difference.
 - 3. ASTM E331; Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference.
 - 4. ASTM E547; Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Cyclic Static Air Pressure Difference.
 - 5. ASTM E 1886; Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials.
 - 6. ASTM E 1996; Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors and Impact Protective Systems Impacted by Windborne Debris in Hurricanes.

1.04 SUBMITTALS

- A. Submit under provisions of Section 01 30 00 – Administrative Requirements.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
 - 4. Door hardware

- C. Shop Drawings: Submit shop drawings indicating details of construction, flashings and relationship with adjacent construction.
- D. Verification Samples: For each factory-finished product specified, two samples, minimum size 6 inches square, representing actual finishes.

1.05 QUALITY ASSURANCE

- A. Installer Qualifications: the installer has sufficient knowledge of installing the product for the size and scope of the project.
- B. Certifications: NAMI certification label indicating assemblies meet the design requirements.

1.06 DELIVERY, STORAGE AND HANDLING

- A. Deliver, store and handle materials and products in strict compliance with manufacturer's instructions and recommendations and industry standards.
- B. Deliver and store assembly materials and components in manufacturer's original, unopened, undamaged containers with identification labels intact.
 - 1. Protect doors from weather and exposure to direct sunlight prior to installation, exposure of machined doors may compromise the internal reinforced material of the door.
 - 2. Store in a dry, well-ventilated area off the floor, in a humidity and temperature-controlled facility. Recommended conditions: 30 to 50 percent relative humidity and 50 to 90 degrees Fahrenheit.
 - 3. During storage, do not remove paper or cardboard placed between products for shipment.
- C. Handling: Handle with clean hands and equipment. Lift and carry the products when moving them. Do not drag across one another.
- D. For optimal performance, new primed or unfinished products should be finished or painted with an even number of coats on all six sides as soon as possible after installation. Finishing is necessary because by nature, door construction materials are susceptible to the elements and changes in moisture levels can cause damage. Painting and finishing seals the surfaces, maintains, protects and enhances the beauty of the product by keeping it less susceptible to debris and easier to clean. Keeping doors properly finished is the first step in effective maintenance.

1.07 PROJECT CONDITIONS

- A. Maintain environmental conditions; temperature, humidity, and ventilation, within limits recommended by manufacturer for optimum results. Install only in vertical walls and when conditions are dry. Do not install products under environmental conditions outside manufacturer's recommended limits.

1.08 WARRANTY

- A. Manufacturer's Standard Warranty: Assemblies will be free from defects in materials and workmanship from the date of manufacture for the time periods indicated below:
 - 1. Door Slab: Commercial: 5 years.
 - 2. Door Frame: 1 year.
 - 3. Factory Prefinish: Commercial: 5 years.

PART 2 PRODUCTS

2.01 MANUFACTURER

- A. JELD-WEN, Inc.; 2645 Silver Crescent Drive, Charlotte, NC 28273; Toll Free Tel: 800-535-3936; Tel: 541-850-2606; Fax: 541-851-4333; Email: Architectural_Inquiries@jeld-wen.com; Web: www.jeld-wen.com.
- B. Substitutions: See Section 01 6000 - Product Requirements.

2.02 FIBERGLASS ENTRANCE DOORS

- A. Basis of Design: Doors are based on the JELD-WEN®'s Architectural Fiberglass.
 - 1. Doors:
 - a. Smooth Paint Surface:

- 1) Panel Doors: Smooth-Pro Fiberglass Exterior Door: 6-Panel
- B. Impact (Windborne-Debris) Resistance
 1. Doors capable of resisting impact from windborne debris, when tested in accordance with ASTM E1886 and ASTM E1996.
- C. Materials:
 1. Fiberglass Skins: Sheet Molding Compound (SMC), incorporating multiple layers of resins, tinted resins, base colors and reinforcing materials.
 2. Stiles: Engineered wood (3.5 inch laminated strand lumber with maple cap).
 3. Rails: Rot resistant composite rails.
 4. Core: CFC Free, Polyurethane core of density 2.2 pcf.
- D. Thickness: 1-3/4 inch.
- E. Door Style: Paneled.
- F. Door Shape: Squared Top.
 1. Panels per Face: Six.
 2. Top Panel Shape(s): Squared.
- G. Finish
 1. Smooth Surface:
 - a. Paint Grade: As selected by Architect.
- H. Hardware
 1. Entry Locksets: Left-hand.
 - a. Exterior escutcheon plate
 - b. Exterior operator: Lever.
 - c. Mortise lock
 - d. Interior escutcheon plate
 - e. Interior operator: Lever.
 - f. Finish: Satin ickel.
 2. Deadbolt
 - a. Manufacturer: Schlage
 - b. Model: B60 N 619, or approved equal
 - c. Finish: Satin Nickel
 - d. Keyed similar
 3. Strike - Deadbolt
 - a. Manufacturer: Stone Harbor Hardware
 - b. Model: Square Corner T-Strike Plate, or approved equal
 - c. Finish: Satin Nickel
 4. Strike - Latch
 - a. Manufacturer: Stone Harbor Hardware
 - b. Model: Round Corner Extended Lip Strike Plate, or approved equal
 - c. Finish: Satin Nickel
 5. Sweep
 - a. Manufacturer: Frost King
 - b. Model: SB36W, or approved equal
 - c. Finish: White Aluminum
 6. Weatherstripping
 - a. As recommended by Door Manufacturer.

2.03 PREHUNG HARDWOOD SYSTEMS

- A. Profile: System 01, Single Door.
- B. Jamb: Composite, primed white
 1. Width: 6-9/16 inch.
 2. Profile: Rabbeted.
- C. Casing: Brickmould.

- D. Hinges: Solid brass concealed-bearing.
 - 1. Size: 4 x 4 Radius - Radius.
 - 2. Finish: Satin Nickel.
- E. Sills: Aluminum with Polished Aluminum Finish.

2.04 CONSTRUCTION ACCESSORIES

- A. Flashing: Refer to Section 07 60 00 Flashing and Sheet Metal.
- B. Sealants: Manufacturer recommended sealants to maintain watertight conditions.

2.05 FABRICATION

- A. Skins are adhered to engineered wood frames with core materials and bonding agents that permanently lock skin to frame.

PART 3 - EXECUTION

3.01 GENERAL

- A. Install doors in accordance with manufacturer's installation guidelines and recommendations.

3.02 EXAMINATION

- A. Inspect door prior to installation.
- B. Inspect rough opening for compliance with door manufacturer recommendations. Verify rough opening conditions are within recommended tolerances.

3.03 INSTALLATION

- A. Install jamb assembly.
 - 1. Caulk sill along outside edge and ½ inch in from edge of subfloor.
 - 2. Set door unit into center of opening and tack in place.
 - 3. Shim hinge then latch side jambs straight. Inspect jamb for square, level and plumb.
 - 4. Shim and fasten top of unit where sidelite joins door jamb.
 - 5. Fasten hinge side jamb to studs.
 - 6. Verify door opens freely and weatherstrip meets door evenly.
 - 7. Verify door sweep contacts threshold evenly.
 - 8. Fasten latch side jamb to studs.
- B. Caulk outside perimeter of door unit between brickmould and wall face, along front side of threshold, and between jamb sides and threshold.

3.04 PROTECTION

- A. Protect installed doors from damage.

END OF SECTION

**SECTION 09 9300
STAINING AND TRANSPARENT FINISHING - BONA****PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Stains.
- B. Transparent finishes.

1.02 RELATED REQUIREMENTS

- A. Section 09 9113 - Exterior Painting: Stains and transparent finishes for concrete substrates.

1.03 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements for submittal procedures.
- B. Product Data: Provide complete list of products to be used, including manufacturer's name, product name and catalog number, and general product category.
- C. Samples: Two samples indicating selected colors and sheens for each system.
- D. Manufacturer's Instructions: Indicate special surface preparation procedures.
- E. Applicator's qualification statement.
- F. Maintenance Data: Submit data including finish schedule showing where each product, color, and finish was used, product technical data sheets, safety data sheets (SDS), care and cleaning instructions, touch-up procedures, and color samples of each color and finish used.
- G. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.
 - 1. See Section 01 6000 - Product Requirements for additional provisions.
 - 2. Extra Stock Materials: Stain and transparent finish materials, 1 gal of each color and type from the same product run; store where directed.
 - a. Label each container with color and type in addition to the manufacturer's label.

1.04 QUALITY ASSURANCE

- A. Applicator Qualifications: Company specializing in performing work of the type specified and with at least five years of documented experience.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Deliver products to site in sealed and labeled containers; inspect to verify acceptability.
- B. Container Label: Include manufacturer's name, type of stain or transparent finish, brand name, lot number, brand code, coverage, surface preparation, drying time, cleanup requirements, color designation, and instructions for mixing and reducing.
- C. Stain and Transparent Finish Materials: Store at minimum ambient temperature of 60 degrees F and a maximum of 80 degrees F in ventilated area and as required by manufacturer's instructions.

1.06 FIELD CONDITIONS

- A. Do not apply materials when surface and ambient temperatures are outside the temperature ranges required by manufacturer of stains and transparent finishes.
- B. Follow manufacturer's recommended procedures for producing best results, including testing of substrates, moisture in substrates, and humidity and temperature limitations.

PART 2 PRODUCTS**2.01 STAINS AND TRANSPARENT FINISHES - GENERAL**

- A. Finishes:
 - 1. Provide finishes capable of being readily and uniformly dispersed to a homogeneous coating, with good flow and brushing properties, and capable of drying or curing free of streaks or sags.
 - 2. Provide materials compatible with one another and the substrates indicated under conditions of service and application, as demonstrated by manufacturer based on testing

- and field experience.
- 3. Supply each finish material in quantity required to complete entire project's work from a single production run.
- 4. Do not reduce, thin, or dilute finishes or add materials unless such procedure is specifically described in manufacturer's product instructions.
- B. Colors: To be selected from manufacturer's full range of available colors.
 - 1. Selection to be made by Architect after award of contract.

2.02 STAIN AND TRANSPARENT FINISH SYSTEMS

- A. Finish on Wood - Exterior Exposed Wood Surfaces:
 - 1. 2-coat stain.
 - 2. Stain: Semi-transparent stain for wood, solvent based.
 - a. Products:
 - 1) Cabot Gold, #3470 Series
 - (a) Color: Sun-Drenched Oak
 - 3. Top Coat Sheen:
 - a. Flat: Gloss level 1; use this sheen at all locations.

2.03 ACCESSORY MATERIALS

- A. Accessory Materials: Cleaning agents, cleaning cloths, sanding materials, and clean-up materials as required for final completion of finished surfaces.
- B. Fastener Head Cover Material: Latex filler.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Do not begin application of stains and finishes until substrates have been properly prepared.
- B. Verify that surfaces are ready to receive work as instructed by the product manufacturer.
- C. Examine surfaces scheduled to be finished prior to commencement of work. Report any condition that may potentially affect proper application.

3.02 PREPARATION

- A. Remove or mask surface appurtenances, including electrical plates, hardware, light fixture trim, escutcheons, and fittings, prior to preparing surfaces or finishing.
- B. Remove or repair existing finishes that exhibit surface defects.
- C. Clean surfaces thoroughly and correct defects prior to application.
- D. Prepare surfaces using the methods recommended by the manufacturer to achieve the best result for the substrate under the project conditions.
- E. Wood Surfaces to Receive Transparent Finish: Wipe off dust and grit prior to sealing, seal knots, pitch streaks, and sappy sections with sealer. Fill nail holes and cracks after sealer has dried; sand lightly between coats. Prime concealed surfaces with gloss varnish reduced 25 percent with thinner.

3.03 APPLICATION

- A. Apply products in accordance with manufacturer's written instructions.
- B. Do not apply finishes to surfaces that are not dry. Allow applied coats to dry before next coat is applied.
- C. Apply each coat to uniform appearance in thicknesses specified by manufacturer.
- D. Vacuum clean surfaces of loose particles. Use tack cloth to remove dust and particles just prior to applying next coat.
- E. Reinstall items removed prior to finishing.

3.04 CLEANING

- A. Collect waste material that could constitute a fire hazard, place in closed metal containers, and remove daily from site.

3.05 PROTECTION

- A. Protect finishes from subsequent construction operations.

END OF SECTION

**SECTION 32 3119
DECORATIVE METAL FENCES AND GATES****PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Decorative aluminum fences.

1.02 RELATED REQUIREMENTS

- A. Section 03 3000 - Cast-in-Place Concrete.

1.03 REFERENCE STANDARDS

- A. ASTM A276/A276M - Standard Specification for Stainless Steel Bars and Shapes; 2016.
- B. ASTM B117 - Standard Practice for Operating Salt Spray (Fog) Apparatus; 2011.
- C. ASTM B221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes; 2014.
- D. ASTM D523 - Standard Test Method for Specular Gloss; 2014.
- E. ASTM D822/D822M - Standard Practice for Filtered Open-Flame Carbon-Arc Exposures of Paint and Related Coatings; 2013.
- F. ASTM D1654 - Test Method for Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments; 2008.
- G. ASTM D2244 - Standard Practice for Calculation of Color Differences from Instrumentally Measured Color Coordinates; 2011.
- H. ASTM D2794 - Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact); 1993 (Reapproved 2010).
- I. ASTM D3359 - Test Method for Measuring Adhesion by Tape Test; 2009.
- J. ASTM F2408 - Standard Specification for Ornamental Fences Employing Galvanized Steel Tubular Pickets; 2016.

1.04 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Submit manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Shop Drawings:
 - 1. Indicate plan layout, spacing of components, post foundation dimensions, hardware anchorage, gates, and schedule of components.
 - 2. Foundation details, concrete design mix and reinforcing schedule for anti-ram barrier system.
- D. Installer's Qualification Statement.
- E. Manufacturer's Warranty.

1.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with minimum five years documented experience.
- B. Installer Qualifications: Experienced with type of construction involved and materials and techniques specified and approved by fence manufacturer.

1.06 DELIVERY, STORAGE AND HANDLING

- A. Store materials in a manner to ensure proper ventilation and drainage. Protect against damage, weather, vandalism and theft.

PART 2 PRODUCTS**2.01 MANUFACTURERS**

- A. Decorative Metal Fences and Gates:
 - 1. Ameristar Perimeter Security, USA: www.ameristarfence.com/#sle.
 - a. Basis of Design: Ameristar Echelon II
 - 2. Substitutions: See Section 01 6000 - Product Requirements.

2.02 FENCES

- A. Fences: Complete factory-fabricated system of posts and panels, accessories, fittings, and fasteners; finished with electrodeposition coating, and having the following performance characteristics:
- B. Electro-Deposition Coating: Multistage pretreatment/wash with zinc phosphate, followed by epoxy primer and acrylic topcoat.
 - 1. Total Coating Thickness: 2 mils, minimum.
- C. Aluminum: ASTM B221.
 - 1. Rails and Posts: 6005-T5 alloy.
 - 2. Pickets: 6063-T5 alloy
 - 3. Extrusions for Posts and Rails (Outer Channel): 6005-T5 alloy.
 - 4. Extrusions for Pickets and Rail (Inner Slide Channels): 6063-T5 alloy.
- D. Fasteners: ASTM A276/A276M, Type 302 stainless steel; finished to match fence components.
 - 1. Tamper-proof security bolts.

2.03 ALUMINUM FENCE

- A. Decorative Aluminum Fence System: Provide fence meeting the Test Load and Coating Performance requirements of ASTM F2408 for Industrial class.
- B. Fence Panels: 6 feet high by 6 feet long.
 - 1. Panel Style: Three rail.
 - 2. Attach panels to posts with manufacturer's standard panel brackets and recommended fasteners.
- C. Posts: Aluminum extrusions; 3 inches square.
- D. Rails: Extruded aluminum channels.
 - 1. Double-walled aluminum U-channel; outside cross-section dimensions of 1-3/4 inch square; interior guide channel forms lower limit of raceway for retaining rod.
 - 2. Enclosed Retaining Rod: 1/8 inch diameter galvanized steel with variable pitch connection system for high angle racking and elimination of external fasteners.
 - 3. Picket-to-Rail Intersection Seals: PVC grommets.
- E. Pickets: Extruded aluminum tubes.
 - 1. Size: 1 inch square.
 - 2. Style: Flush top rail.
- F. Fasteners: Manufacturer's standard stainless steel bolts, screws, and washers; factory finish fasteners to match fence.
- G. Color: Manufacturer's standard, factory applied White.
- H. Products:
 - 1. Ameristar Perimeter Security, USA; Echelon II: www.ameristarfence.com/#sle.
 - 2. Substitutions: See Section 01 6000 - Product Requirements.

PART 3 EXECUTION**3.01 EXAMINATION**

- A. Do not begin installation 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. Clean surfaces thoroughly prior to installation.

3.03 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Set fence posts in accordance with the manufacturer recommended spacing.
- C. When cutting rails immediately seal the exposed surfaces by:
 - 1. Removing metal shavings from cut area.
 - 2. Apply zinc-rich primer to thoroughly cover cut edge and drilled hole; allow to dry.
 - 3. Apply two coats of custom finish spray paint matching fence color.
 - 4. Failure to seal exposed surfaces in accordance with manufacturer's instructions will negate manufacturer's warranty.
- D. Space gate posts according to the manufacturers' drawings, dependent on standard out-to-out gate leaf dimensions and gate hardware selected.
 - 1. Base type and quantity of gate hinges on the application, weight, height, and number of gate cycles.

3.04 TOLERANCES

- A. Maximum Variation From Plumb: 1/4 inch.
- B. Maximum Offset From Indicated Position: 1 inch.
- C. Minimum Distance from Property Line: 6 inches.

3.05 CLEANING

- A. Leave immediate work area neat at end of work day.
- B. Clean jobsite of excess materials; scatter excess material from post hole excavations uniformly away from posts. Remove excess material if required.
- C. Clean fence with mild household detergent and clean water rinse well.
- D. Remove mortar from exposed posts and other fencing material using a 10 percent solution of muriatic acid followed immediately by several rinses with clean water.
- E. Touch up scratched surfaces using materials recommended by manufacturer. Match touched-up paint color to factory-applied finish.

END OF SECTION

Fort Wayne Housing Authority

Tall Oaks and Whispering Oaks Community Garden

ADDENDUM 1 - October 7, 2024

7300 Decatur Road
Fort Wayne, IN 46816



SYMBOLS KEY	
<div>EARTHWORK</div> <div>EARTH/ UNDISTURBED FILL</div> <div>EARTH/ COMPACTED FILL</div> <div>EARTH/ GRANULAR FILL</div> <div>SAND</div>	<div>WOOD</div> <div>LUMBER</div> <div>FINISH WOOD</div> <div>WOOD BLOCKING</div> <div>PLYWOOD</div>
<div>CONCRETE</div> <div>CONCRETE</div>	<div>GLASS</div> <div>GLASS</div> <div>GLASS BLOCK</div>
<div>INSULATION</div> <div>BATT/LOOSE INSULATION</div> <div>RIGID INSULATION</div>	<div>1</div> <div>COLUMN CENTERLINE</div>
<div>MASONRY</div> <div>CONCRETE MASONRY UNIT</div> <div>BRICK</div>	<div>1</div> <div>WALL SECTION</div>
<div>METALS</div> <div>STEEL</div> <div>ALUMINUM</div>	<div>1</div> <div>DETAIL</div> <div>1</div> <div>SHEET</div> <div>1</div> <div>DETAIL</div> <div>1</div> <div>SHEET</div> <div>1</div> <div>ELEVATIONS</div>
<div>XX</div> <div>WORK DESCRIPTION NOTE</div> <div>XX</div> <div>DEMO WORK DESCRIPTION NOTE</div>	<div>XX</div> <div>DETAIL DESCRIPTION NOTES</div> <div>XX</div> <div>WINDOW OR ROOF AREA</div>



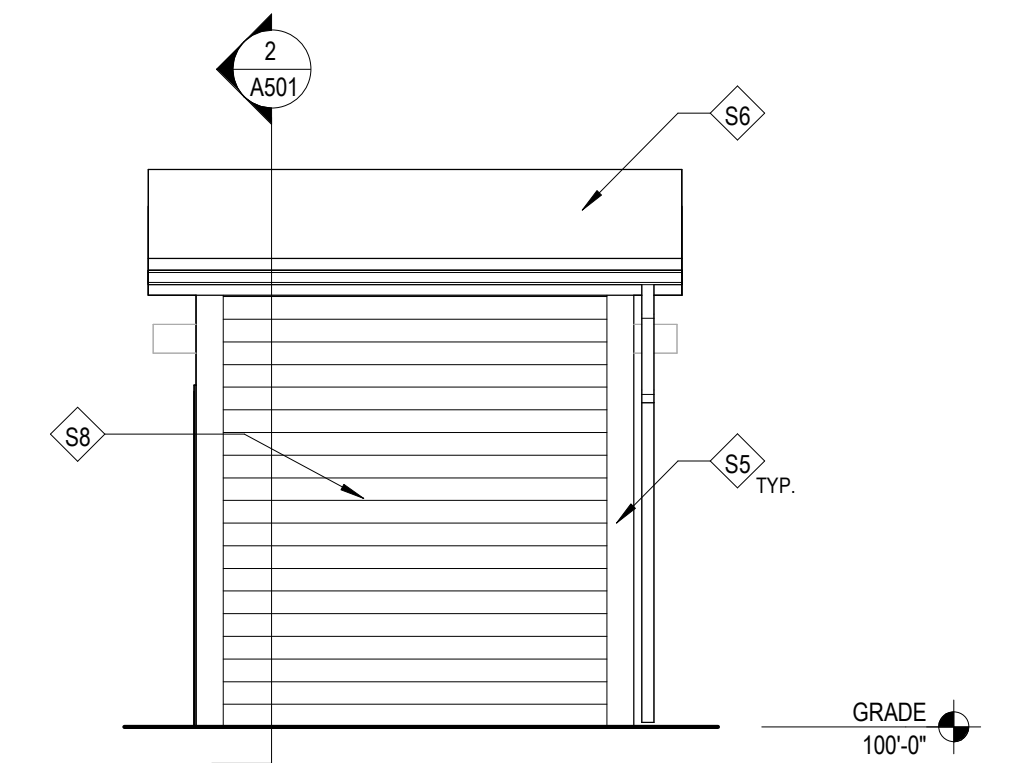
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T101	TITLE SHEET
C101	EXISTING DEMOLITION PLAN
C200	SITE LAYOUT PLAN
C300	GRADING PLAN
C400	UTILITY PLAN
C800	SITE DETAILS
A501	SITE DETAILS
A502	SITE DETAILS
A503	SITE DETAILS
E101	ELECTRICAL PLAN

ARCHITECT	The logo for Martin Riley Architects, featuring a stylized red and white graphic of a building facade with the text 'MARTIN RILEY architects-engineers' below it.	
ENGINEER		
221 West Baker Street Fort Wayne, Indiana 46802	pho 260.422.7994 fax 260.426.2067	
DATE	2024-10-01	SET NUMBER
ENGINEER		

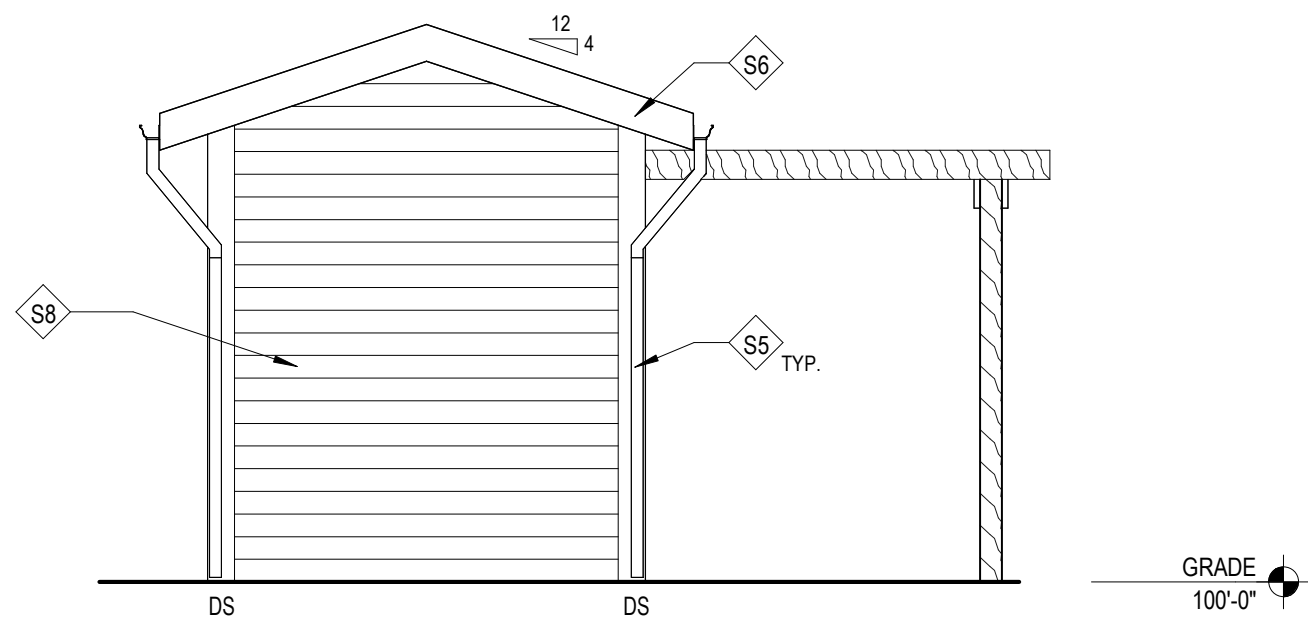
Tall Oaks and Whispering Oaks Community Garden

COMMISSION NO.
F24074

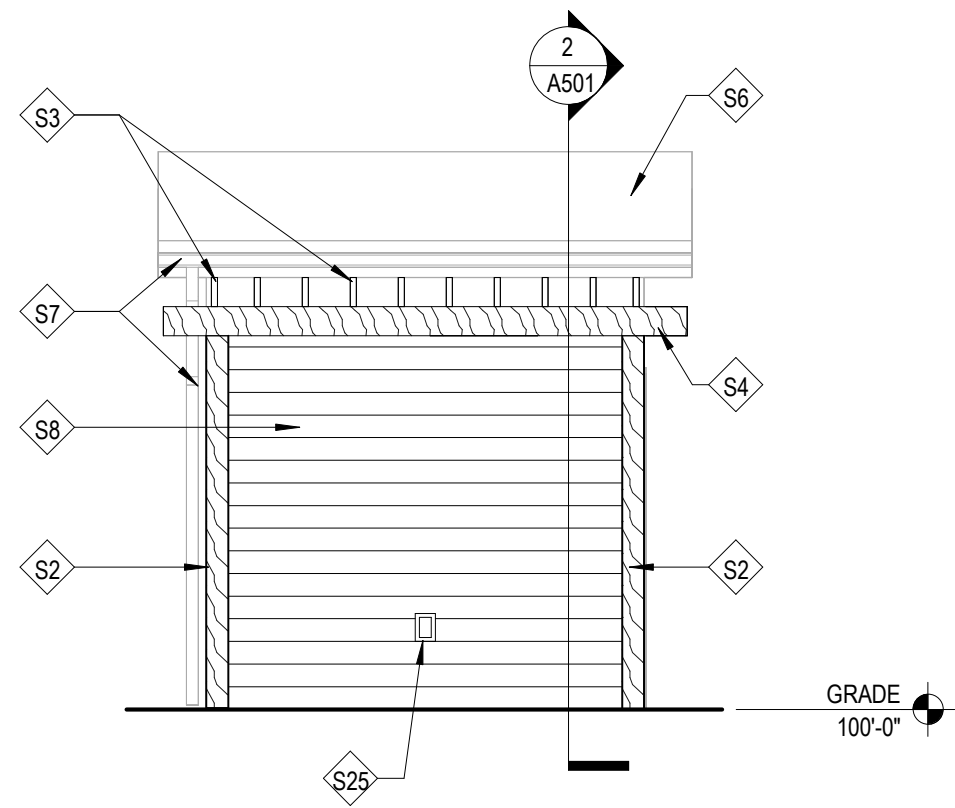
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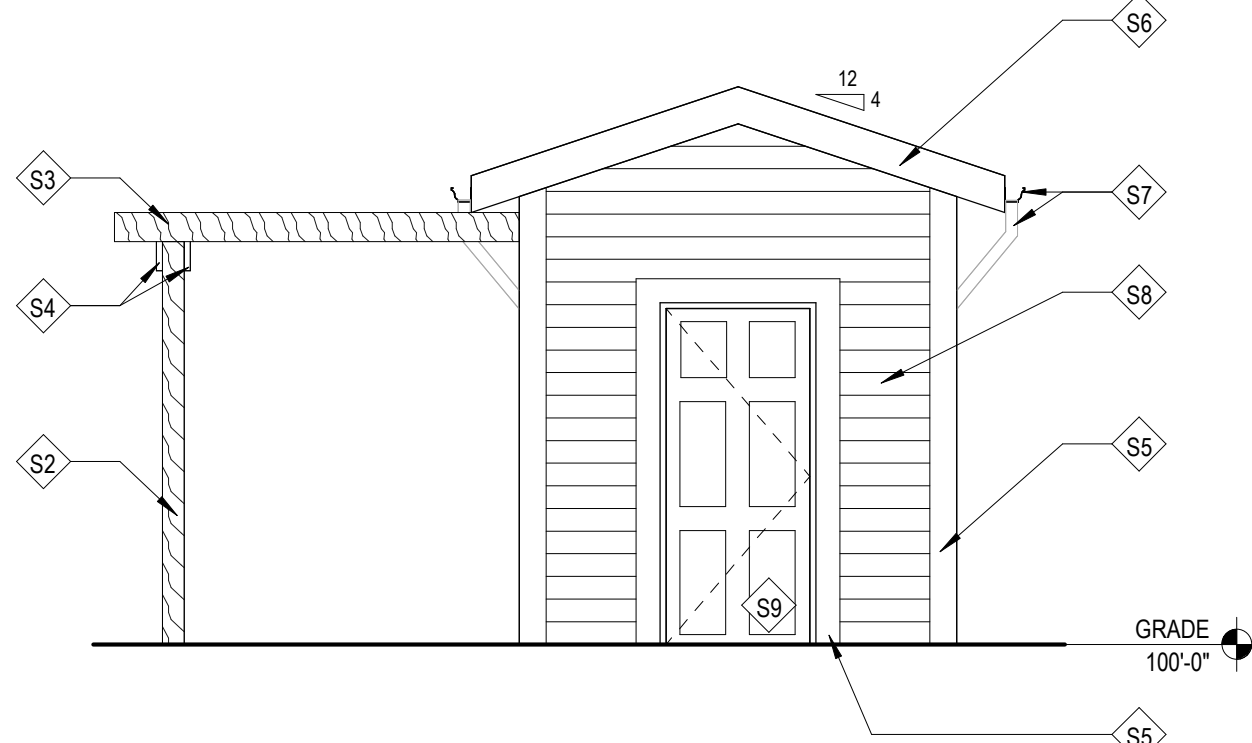
11 Garden Shed - West Elevation
1/4" = 1'-0"



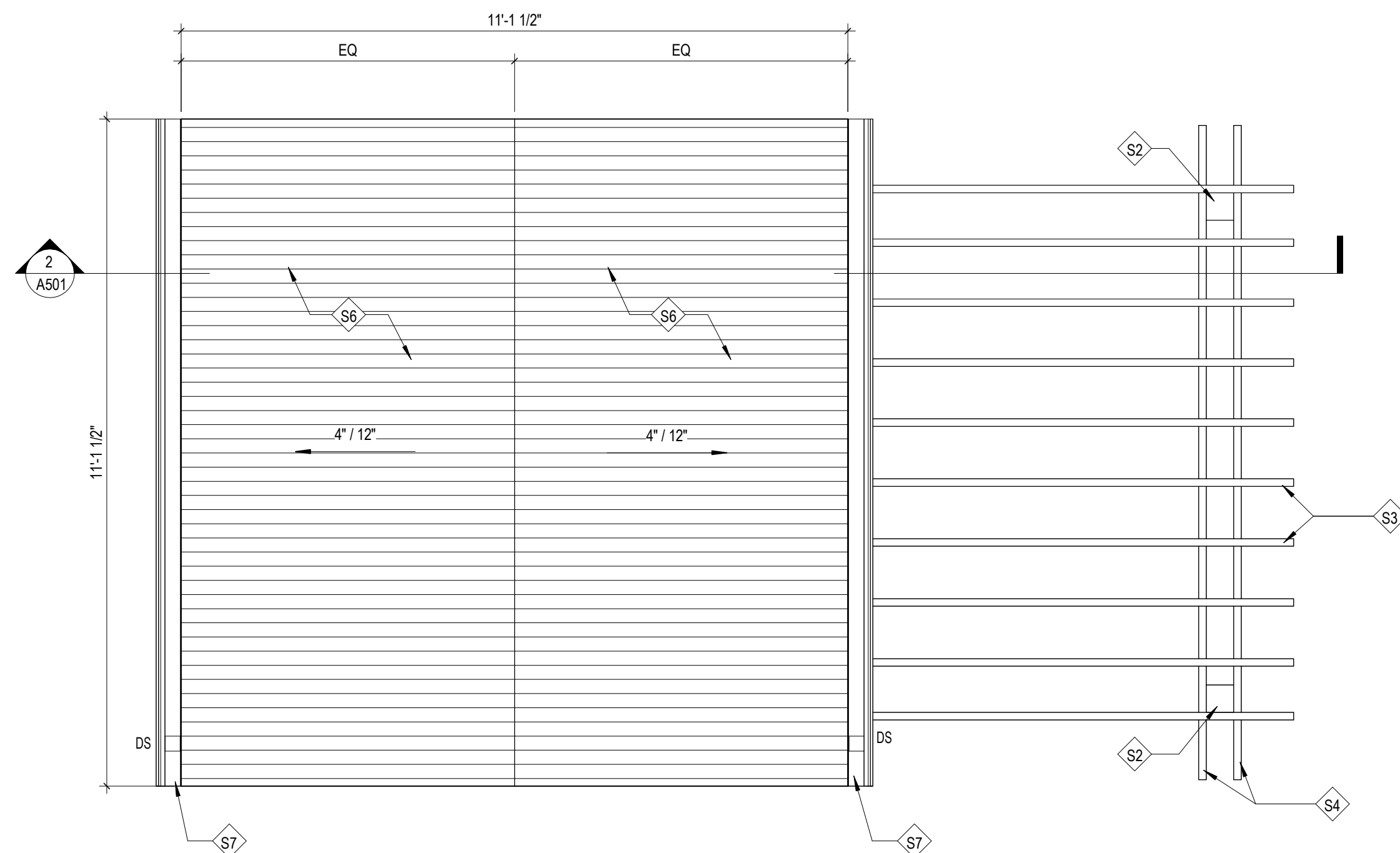
9 Garden Shed - South Elevation
1/4" = 1'-0"



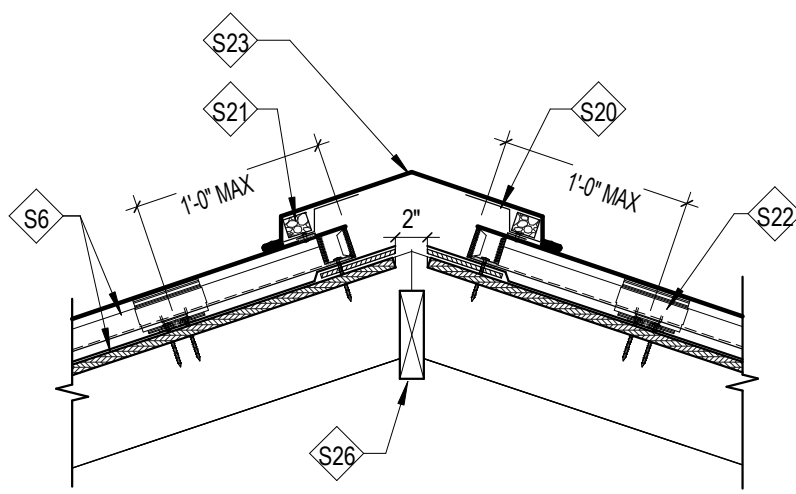
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1/4" = 1'-0"



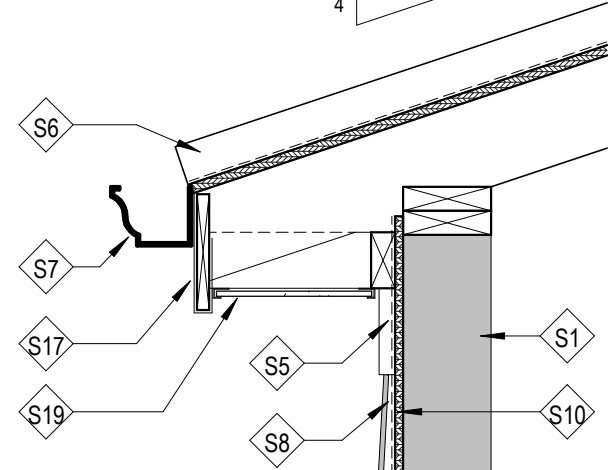
8 Garden Shed - North Elevation
1/4" = 1'-0"



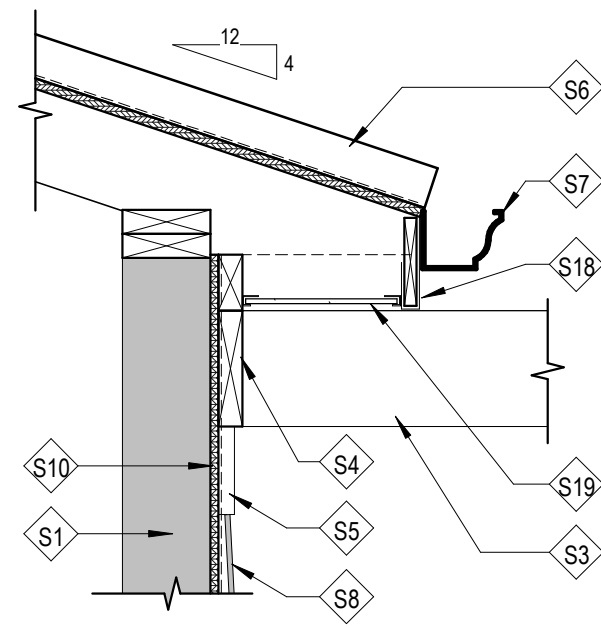
7 Shed and Pergola - Roof Plan
1/2" = 1'-0"



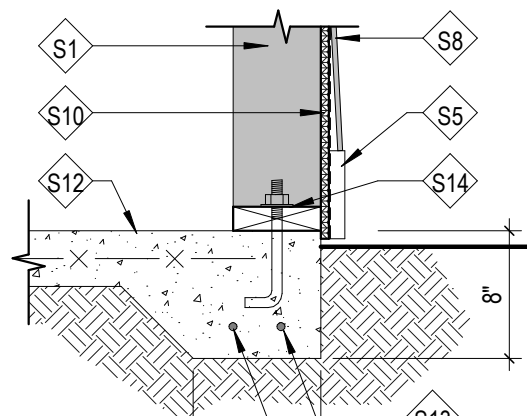
6 Ridge Vent Detail
1" = 1'-0"



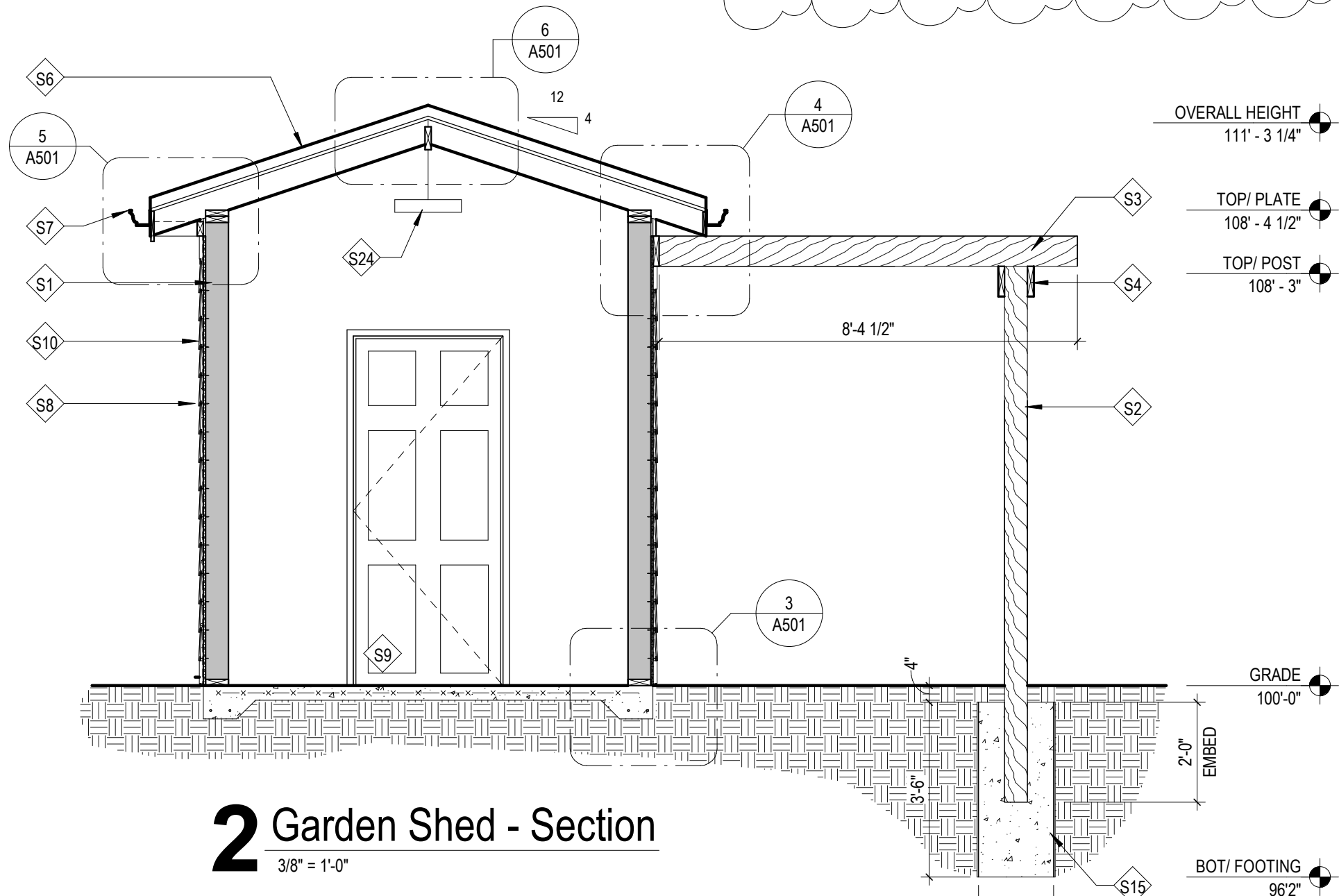
5 Section Detail
1" = 1'-0"



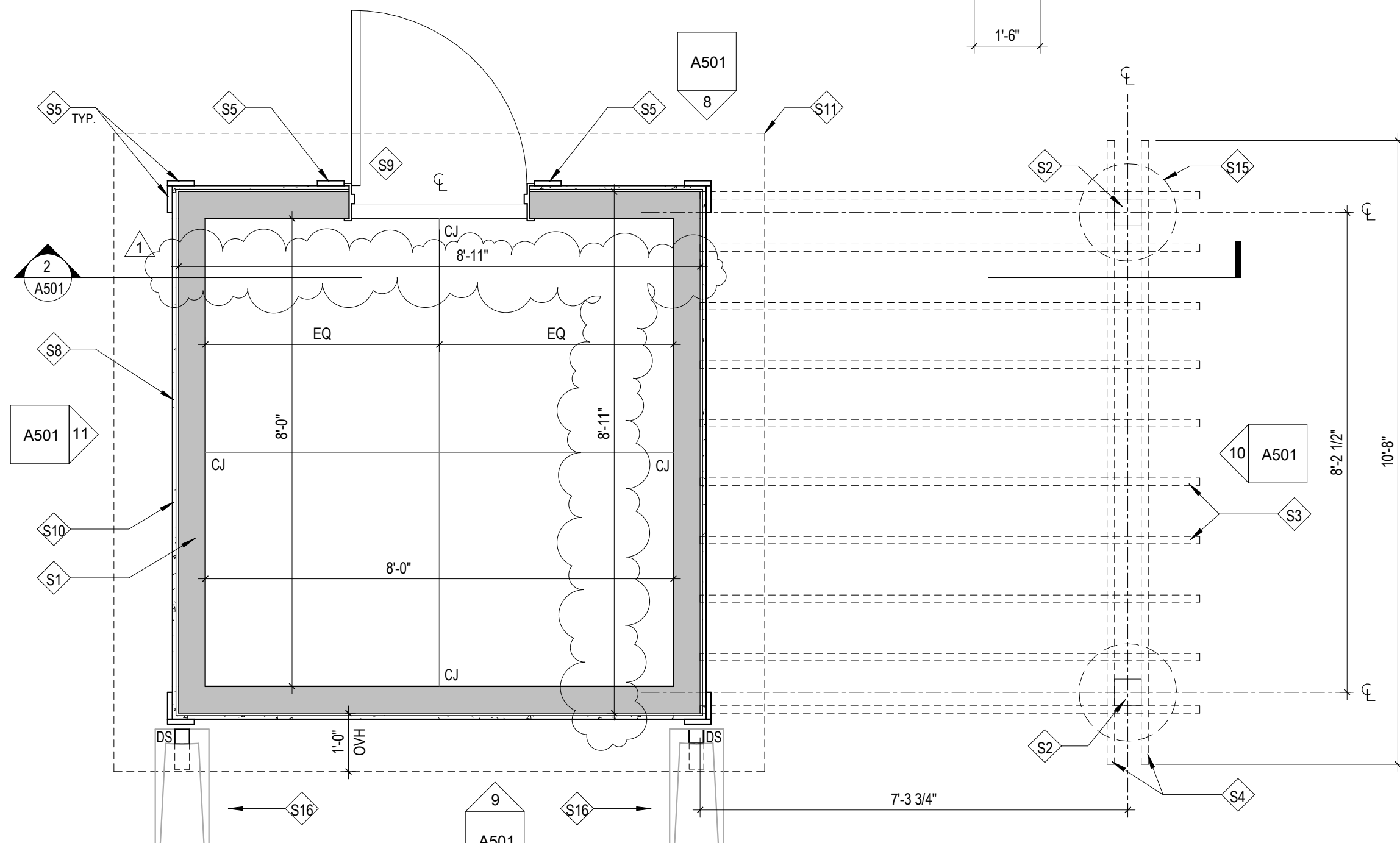
4 Section Detail
1" = 1'-0"



3 Garden Shed - Thickened Edge Slab
1" = 1'-0"



2 Garden Shed - Section
3/8" = 1'-0"



1 Shed and Pergola - Plan
1/2" = 1'-0"

General Notes

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL OR OTHER GOVERNING BODIES' CODES. ADDITIONALLY, WORK SHALL BE COMPLETED IN ACCORDANCE WITH APPLICABLE INDUSTRY STANDARDS OR GUIDELINES. ALL DIMENSIONS ARE TO THE FACE OF MASONRY, FACE OF EXISTING WALL AND/OR FACE OF NEW FRAMING UNLESS NOTED OTHERWISE.
- INDICATED DIMENSIONS ARE TAKEN FROM CASUAL FIELD OBSERVATIONS AND EXISTING DRAWINGS. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD PRIOR TO CONSTRUCTION. CONTRACTOR TO NOTIFY ARCHITECT OF ANY DISCREPANCIES. ALL CHANGES TO THE WORK SHALL BE APPROVED BY THE ARCHITECT AND OWNER PRIOR TO PROCEEDING.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING CONSTRUCTION EFFORTS OF ALL SUB-CONTRACTORS. FAILURE TO ANTICIPATE CHANGES OR MODIFICATIONS SHALL NOT BE THE BASIS FOR ADDITIONAL COST REQUESTS.
- CONTRACTOR TO FIELD VERIFY THE SCOPE OF WORK.

Work Description Notes

- S1 2x6 WOOD STUD WALL AT 16" C/C
- S2 6x6 PRESSURE-TREATED WOOD POST, STAINED AND SEALED
- S3 2x8 PRESSURE-TREATED WOOD JOISTS, STAINED AND SEALED
- S4 2x8 PRESSURE-TREATED WOOD LEDGER, STAINED AND SEALED. PROVIDE GALVANIZED BOLT WINUT TO POST
- S5 5/4 X 6 PVC TRIM WITH MANUFACTURER APPROVED FASTENERS, WOOD GRAIN FINISH.
- S6 PROVIDE NEW HIGH-TEMP SELF ADHERING UNDERLAYMENT WITH NEW ARCHITECTURAL STANDING SEAM METAL ROOF PANELS (BASIS OF DESIGN: DIMENSIONAL METALS INTERLOCKING PANEL IL20, COLOR TO BE SELECTED BY ARCHITECT) OVER 5/8" PLYWOOD SHEATHING
- S7 PROVIDE NEW 24 GA CONTINUOUS PREFINISHED GI GUTTER (BASIS OF DESIGN: DMI CONTINUOUS GUTTER), SIZE 4", SLOPE GUTTERS 1/16" / 12" TO DOWNSPOUT. PROVIDE NEW 24 GA PREFINISHED GI DOWNSPOUTS (DS) WHERE INDICATED WITH DOWNSPOUT STRAPS AT TOP, MIDDLE AND BOTTOM OF WALL.
- S8 PREFINISHED FIBER CEMENT LAPPED SIDING, CEDAR MILL FINISH. COLOR TO BE SELECTED BY ARCHITECT.
- S9 FIBERGLASS DOOR (BASIS OF DESIGN: JELD-WEN 36" x 80" 6-PANEL PRIMED FIBERGLASS DOOR, PROVIDE TWO (2) FINISH COATS OF PAINT. COLOR AS SELECTED FROM ARCHITECT.
- S10 WEATHER-RESISTIVE BARRIER OVER 1/2" OSB PLYWOOD SHEATHING
- S11 ROOF OUTLINE
- S12 4" CONCRETE SLAB WITH THICKENED EDGE. PROVIDE 6x6-W4 @ 16" O.C. W.W.R.
- S13 #4 REBAR
- S14 2x6 PRESSURE-TREATED WOOD BOTTOM PLATE WITH NEOPRENE GASKET. PROVIDE ANCHOR BOLTS SPACED 4'-0" C/C MAX.
- S15 18" DIAMETER SONOTUBE FOUNDATION, 42" LENGTH
- S16 ELBOW DOWNSPOUT TO CONCRETE SPLASHBLOCK
- S17 ALUMINUM COVER 1x8 FASCIA BOARD
- S18 ALUMINUM COVER 1x6 FASCIA BOARD
- S19 ALUMINUM SOFFIT PANELS, VENTED
- S20 NEW PERFORATED Z-CLOSURE PIECE
- S21 VENTING FABRIC
- S22 NEW PANEL CLIP - FASTEN WITH 2 #14-3 x 1-1/2" MINIMUM FASTENERS PENETRATING DECK 3/4" MINIMUM
- S23 NEW 24 GA PREFINISHED GI VENTED RIDGE
- S24 LIGHT FIXTURE, SEE ELECTRICAL

Related Work for :

Fort Wayne Housing Authority

Tall Oaks and Whispering Oaks
Community Garden

7300 Decatur Road
Fort Wayne, IN 46816

fwha
FORT WAYNE housing authority

MARTIN RILEY
architects+engineers

221 West Baker Street
Fort Wayne, Indiana 46802
TEL. 260.422.7994
FAX. 260.426.2067



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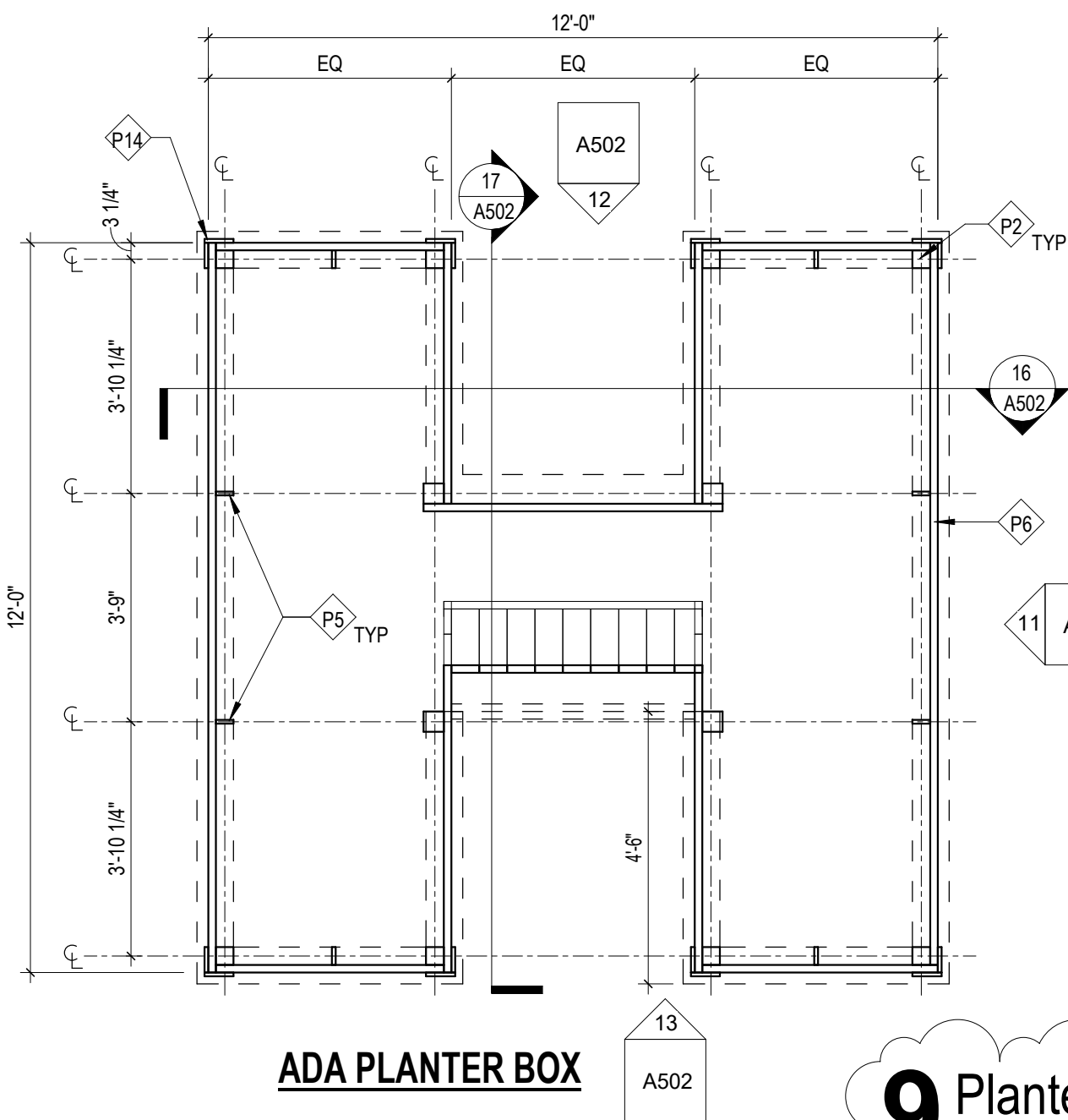
REVISION: 1 Addendum 1 DATE: 07 OCT 2024

DRAWN BY: Author COMMISSION NUMBER: F24074 REVIEWED BY: Checker DATE: 2024-10-01

A501

SITE DETAILS

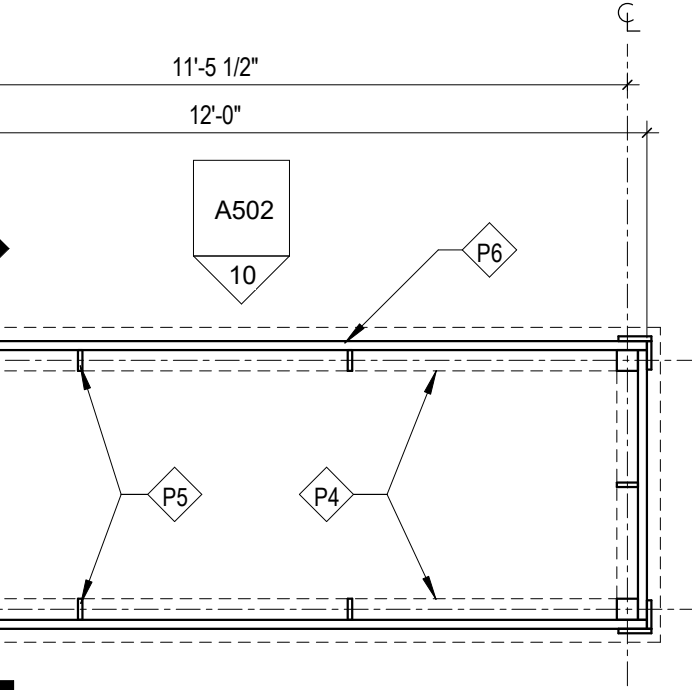
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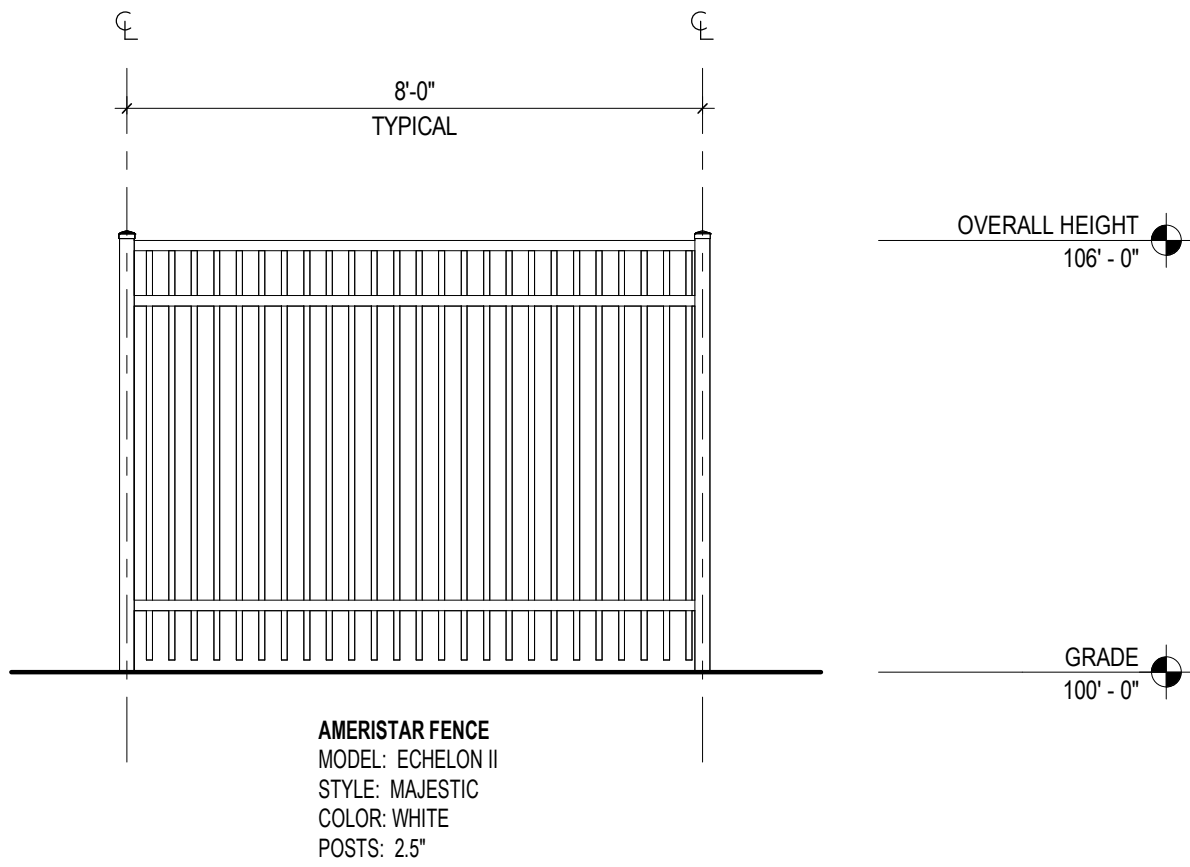
ADA Planter Box

9 Planter Box - Plans

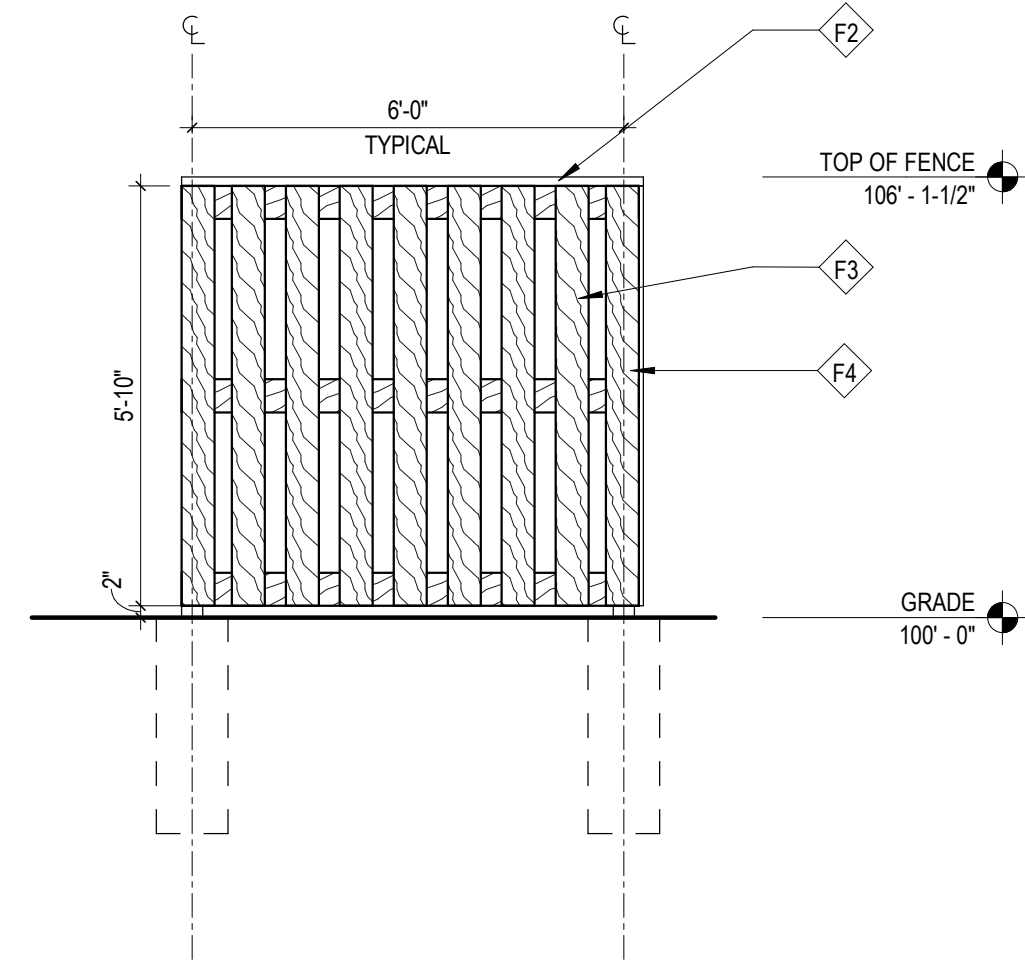
STANDARD Planter Box



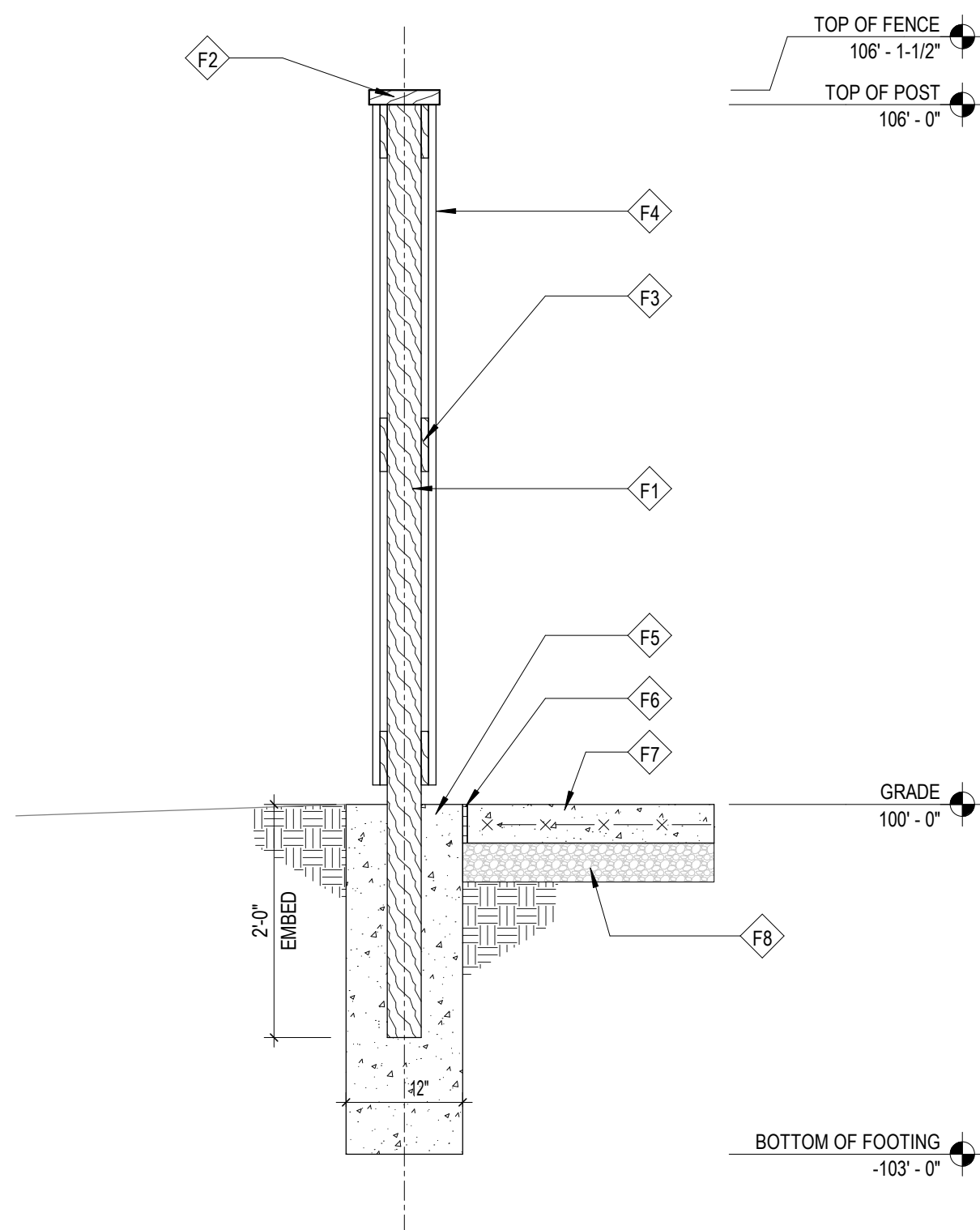
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9 Aluminum Fence Elevation
3/8" = 1'-0"

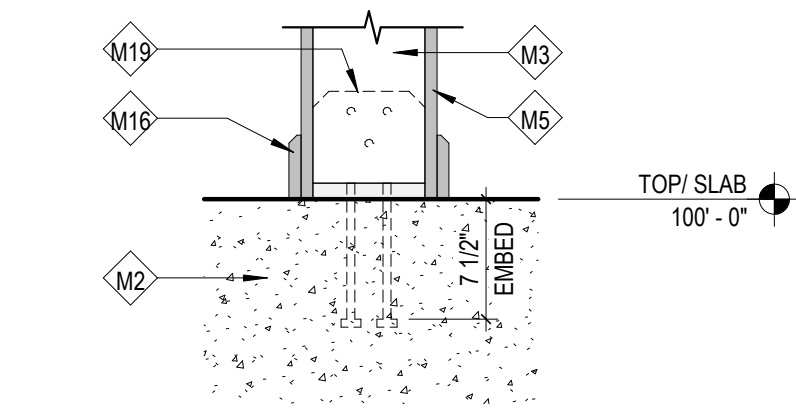


8 Wood Slat Fence Elevation
3/8" = 1'-0"

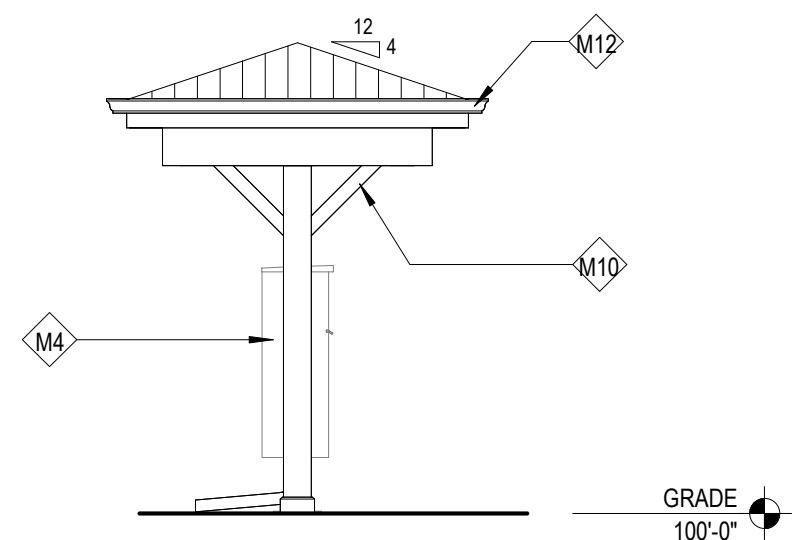


7 Wood Slat Fence Section
3/4" = 1'-0"

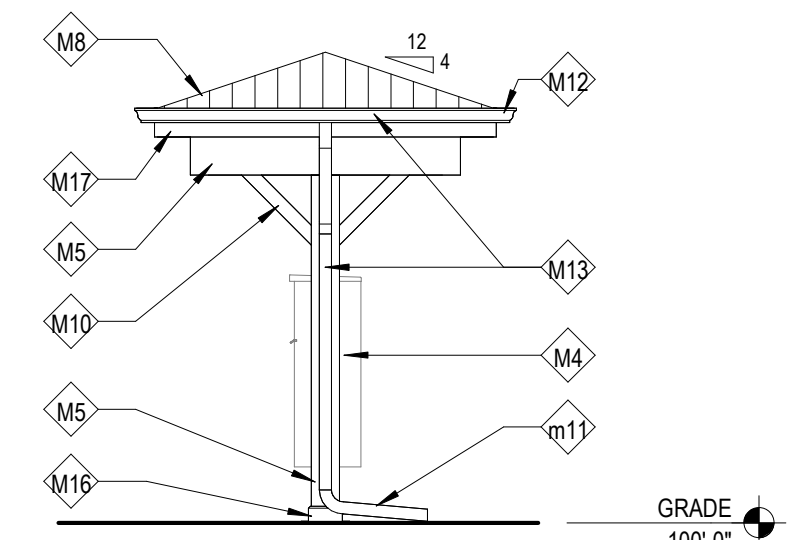
- Work Description Notes
- F1 4x4 CEDAR POST
 - F2 2X8 CEDAR CAP
 - F3 1X6 CEDAR HORIZONTAL RUNNERS
 - F4 1X6 CEDAR VERTICAL PLANKS
 - F5 12'X36" CONCRETE FOOTING SET AT EACH POST
 - F6 1/2" ISOLATION JOINT
 - F7 CONCRETE SLAB. SEE CIVIL DRAWINGS.
 - F8 6" COMPACTED GRANULAR FILL



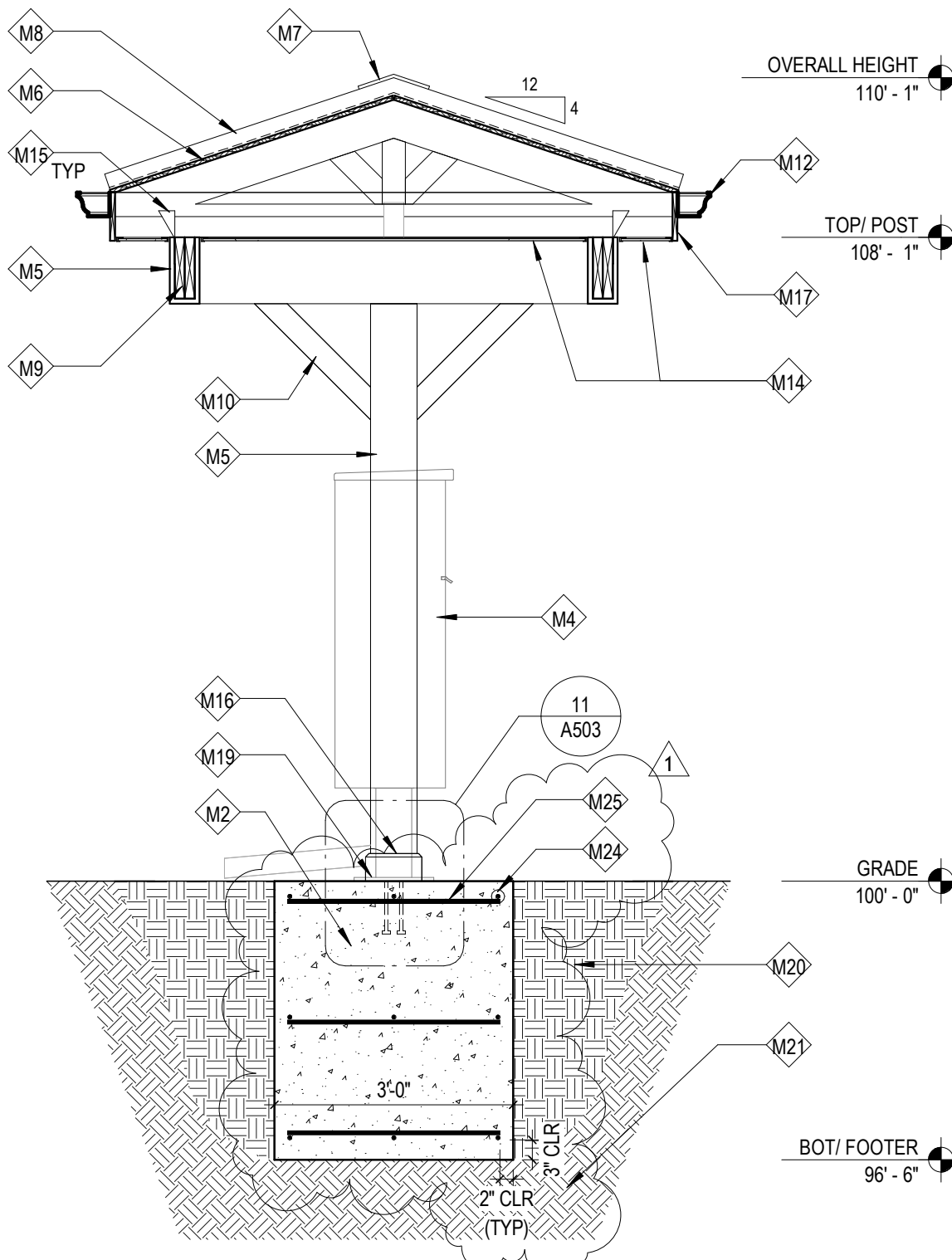
11 Post Base Detail
1" = 1'-0"



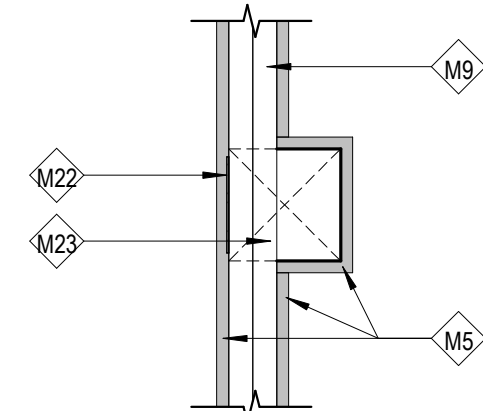
6 Mailbox Structure - West Elevation
1/4" = 1'-0"



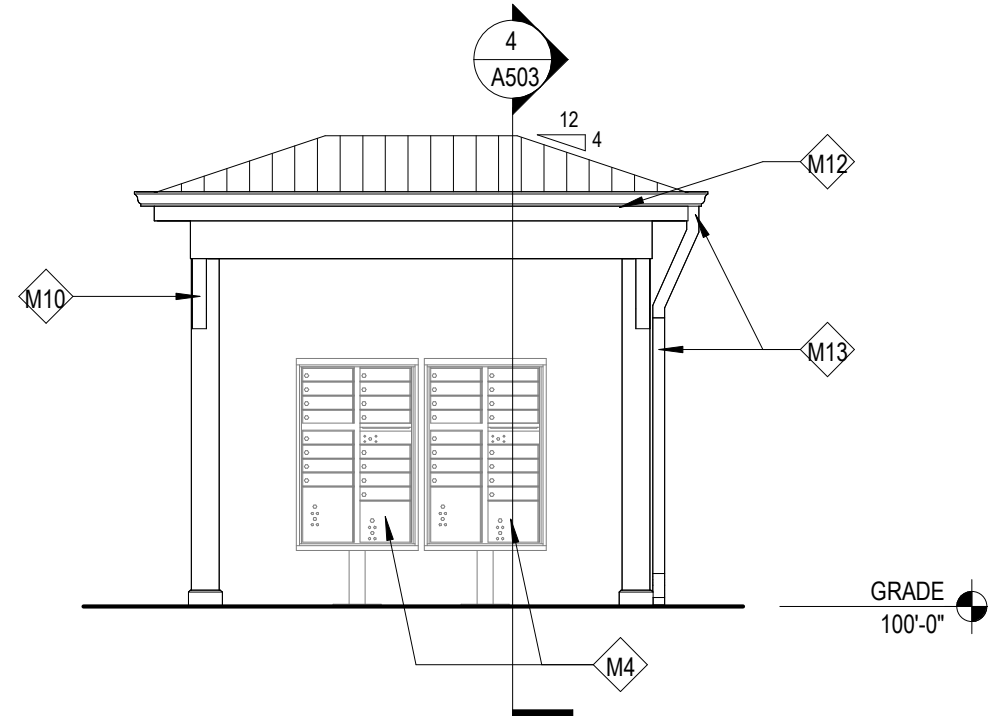
5 Mailbox Structure - East Elevation
1/4" = 1'-0"



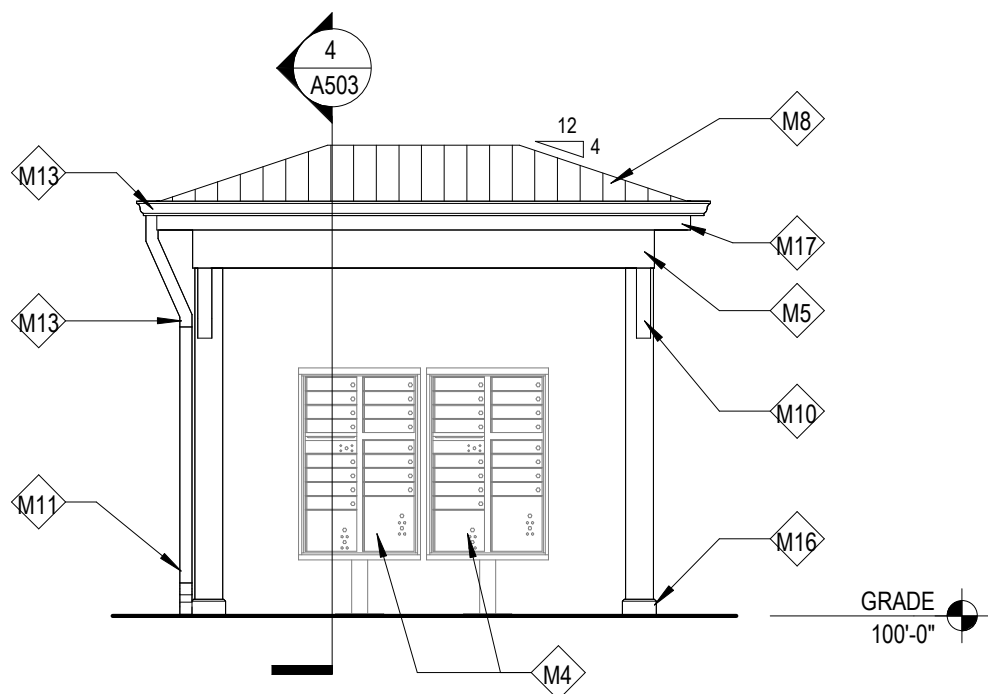
4 Mailbox Structure - Section
1/2" = 1'-0"



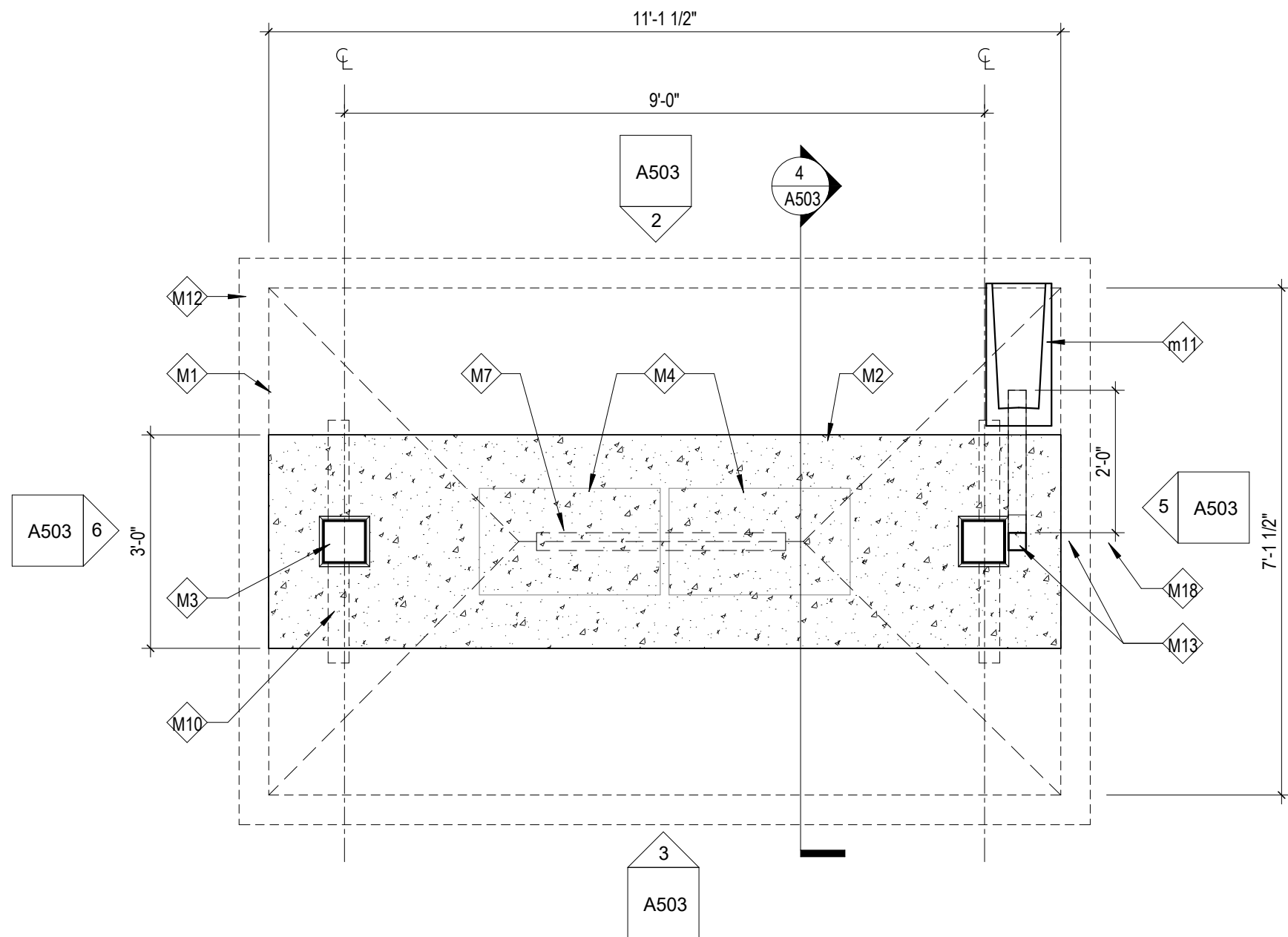
10 Beam Partial Plan
1" = 1'-0"



3 Mailbox Structure - South Elevation
1/4" = 1'-0"



2 Mailbox Structure - North Elevation
1/4" = 1'-0"



1 Mailbox Canopy - Plan
1/2" = 1'-0"

Work Description Notes

- M1 ROOF OUTLINE
- M2 MAILBOX CONCRETE FOUNDATION
- M3 6x6 PRESSURE-TREATED WOOD POST
- M4 EXISTING CLUSTER MAILBOXES, RELOCATED
- M5 1x EXTERIOR TRIM BOARDS AT COLUMNS AND BEAMS
- M6 5/8" OSB DECK OVER WOOD TRUSSES AT 2'-0" O.C
- M7 PROVIDE NEW MANUFACTURER'S 24 GA PREFINISHED GI VENTED RIDGE AND VENTED HIP COVER
- M8 PROVIDE NEW HIGH-TEMP SELF ADHERING UNDERLAYMENT WITH NEW ARCHITECTURAL STANDING SEAM METAL ROOF PANELS (BASIS OF DESIGN: DIMENSIONAL METALS INTERLOCKING PANEL L20, COLOR: TO BE SELECTED BY ARCHITECT) OVER 5/8" PLYWOOD SHEATHING
- M9 BEAM, (2) 2x10'S
- M10 4x4 WOOD BRACES, PAINTED
- M11 ELBOW DOWNSPUT TO CONCRETE SPLASHBLOCK
- M12 PREFINISHED ALUMINUM GUTTER
- M13 PITCH GUTTER TO PREFINISHED ALUMINUM DOWNSPUT
- M14 ALUMINUM SOFFIT PANELS, SOLID
- M15 NEW SIMPSON H3 HURRICANE TIE, GALVANIZED OR EQUAL, FASTEN BETWEEN TRUSS AND BEAM, WITH FASTENERS RECOMMENDED BY MANUFACTURER, TYP.
- M16 4" BASE W/ CHAMFERED PVC COVER AROUND
- M17 ALUMINUM COVER 1X8 FASCIA BOARD
- M18 PROVIDE NEW 24 GA CONTINUOUS PREFINISHED GI GUTTER (BASIS OF DESIGN: DMI CONTINUOUS GUTTER), SIZE 4", SLOPE GUTTERS 1/16" / 12" TO DOWNSPUT. PROVIDE NEW 24 GA PREFINISHED GI DOWNSPUTS (DS) WHERE INDICATED WITH DOWNSPUT STRAPS AT TOP, MIDDLE AND BOTTOM OF WALL.
- M19 NEW SIMPSON OPT66Z POST BASE (2-MAX GALVANIZED) OR EQUAL, WITH FASTENERS RECOMMENDED BY MANUFACTURER
- M20 COMPACTED BACKFILL
- M21 UNDISTURBED SOIL
- M22 NEW SIMPSON TP49 TIE PLATE (2-MAX GALVANIZED) OR EQUAL, CENTER BETWEEN BEAM AND POST, WITH FASTENERS RECOMMENDED BY MANUFACTURER

- M23 NOTCH 6X6 PRESSURE TREATED WOOD POST FOR BEAMS TO FIT
- M24 9-#5 REBAR
- M25 3-#5 REBAR @12"

Related Work for :
Fort Wayne Housing Authority
Tall Oaks and Whispering Oaks
Community Garden

fwha
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SITE DETAILS