

DOCUMENT 009113 – ADDENDUM #2

DATE ISSUED: October 7, 2024

1.1 PROJECT INFORMATION

A. This Addendum is issued to all registered plan holders pursuant to the Instructions to Bidders and Conditions of the Contract. This Addendum serves to clarify, revise, and supersede information in the Project Manual, Drawings, and previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the Addendum in the Owner/Contractor Agreement.

B. Project Identification: Ironwood Carnegie Library

 Meyer Group Project #: 24-022
 Project Location: 235 E. Aurora St Ironwood, MI 49938

C. Owner: City of Ironwood

D. Architect:

Meyer Group Architecture, PC 1600 Alworth Building, 306 West Superior Street Duluth, MN 55802 (218) 727-1330

1.2 NOTICE TO BIDDERS

A. Groundbreaking construction activities for the project shall not begin prior to March 1, 2025.

1.3 BIDDER QUESTIONS

A. Just a quick question. I know the spec's overrule the prints but just to be sure the drawings on page A6.1 show the W2 windows as being tempered glass, but it's not spec'd as that. Being quite a bit difference in price I thought I would ask. Should I tell the window supplier that he should price it exactly as is spec'd?

The glazing as specified in Section 088000 is specified as tempered. W2 on the drawings should be revised to also note the glazing being tempered. The intention is for all the window glazing to be tempered.

B. Are there any preplanning or concept documents required in the bidding submittal for the MEP design build?

No, none required. Any voluntary materials submitted with the bid submittal will be reviewed.

1.4 SPECIFICATION CLARIFICATIONS

A. This Addendum includes the following clarifications of Specification Sections:

- 4. 074660 Fiber Cement Siding
 - a. Add, replace Section 074646 Fiber Cement Siding in its entirety.

1.5 DRAWING CLARIFICATIONS

- A. This Addendum includes the following Contract Documents Updates and Detail/Section(s):
 - 1. A1.2 MAIN LEVEL FLOOR PLAN BASE BID
 - a. Revise 1/A1.2 and 2/A1.2 Fiber Cement Panel revisions.
 - 2. A2.1 EXTERIOR ELEVATIONS
 - a. Revise 2/A2.1 Fiber Cement Panel revisions.
 - 3. A2.2 EXTERIOR ELEVATIONS
 - a. Revise 2/A2.2 Fiber Cement Panel revisions.
 - 4. A3.2 WALL SECTIONS
 - a. Revise 4/A3.2 Fiber Cement Panel revisions.
 - 5. A5.1 DETAILS
 - a. Revise 3/A5.1 and 8/A5.1 Fiber Cement Panel revisions.
 - 6. A6.1 DOOR AND WINDOW TYPES AND DETAILS
 - a. Revise 16/A6.1, 18/A6.1, 19/A6.1, 20/A6.1, 21/A6.1, and 22/A6.1 Fiber Cement Panel revisions.
 - b. Revise A6.1 Window Types W2 note tempered glass.

1.6 PRODUCT APPROVAL

- A. Architectural Approvals:
 - Section 048100.2.3 Unit Masonry Cut Stone Panels Eden Valders Stone – Valders Dark Buff

ADDENDUM #2 - ATTACHMENTS FOLLOW

ADDENDUM #2 Date of Issue: 10/7/24

SECTION 074660 - FIBER CEMENT SIDING

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Fiber cement lap panels, fascia, moulding and accessories, James Hardie HZ5 Engineered for Climate Siding.
- B. Factory-finished fiber cement panels, fascia, moulding and accessories, James Hardie HZ5 Engineered for Climate Siding.

1.2 RELATED SECTIONS

- A. Section 061000 Rough Carpentry: Wood framing and bracing.
- B. Section 061600 Sheathing: Exterior wall sheathing.
- C. Section 072100 Thermal Insulation: Exterior wall insulation.

1.3 REFERENCES

- A. ASTM C1186 Standard Specification for Flat Fiber-Cement Sheets
- B. ASTM D3359 Standard Test Method for Measuring Adhesion by Tape Test, Tool and Tape.
- C. ASTM E136 Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750 degrees C.

1.4 SUBMITTALS

- A. Submit under provisions of Section 0133000.
- 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, 1 sample, minimum size 4 by 6 inches (100 by 150 mm), representing actual product, color, and patterns.

1.5 QUALITY ASSURANCE

A. Installer Qualifications: Minimum of 2 years experience with installation of similar products.

1.6 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.

1.7 PROJECT CONDITIONS

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

1.8 WARRANTY

- A. Product Warranty: Limited, non-pro-rated product warranty.
 - 1. HardiPanel HZ5 vertical siding for 30 years.
 - 2. HardieShingle HZ5 siding for 30 years.
- B. Product Warranty: Limited, product warranty.
 - HardieTrim HZ and HZ5 boards for 15 years.
- C. Finish Warranty: Limited product warranty against manufacturing finish defects.
 - When used for its intended purpose, properly installed and maintained according to James 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.
- D. Workmanship Warranty: Application limited warranty for 2 years.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: James Hardie Building Products, Inc., which is located at: 26300 La Alameda Suite 400; Mission Viejo, CA 92691; Toll Free Tel: 866-274-3464; Tel: 949-367-4980; Email: request info (info@jameshardie.com); Web: www.jameshardiecommercial.com
- B. Allura of Plycem.
- C. Substitutions: Permitted.

2.2 SIDING

- A. Vertical Siding: Hardie Panel HZ5 siding as manufactured by James Hardie Building Products, Inc.
 - 1. Type: Smooth Vertical siding panel 4 feet by 10 feet (1219 mm by 3048 mm).
- B. Trim:
 - 1. HardieTrim HZ5 boards and HardieTrim HZ boards as manufactured by James Hardie Building Products, Inc.
 - HardieTrim HZ5 Fascia boards as manufactured by James Hardie Building Products, Inc.
 - 3. HardieTrim HZ5 Crown moulding manufactured by James Hardie Building Products,

1nc.

4. Artisan HZ5 Accent trim as manufactured by James Hardie Building Products, Inc.

2.3 FINISHES

- A. Factory Primer: Provide factory applied universal primer.
 - 1. Primer: Factory primed by James Hardie.
 - 2. Topcoat: Refer to Section 09900 and Exterior Finish Schedule.

B. Factory Finish:

- 1. Product: ColorPlus Technology by James Hardie.
- 2. Definition: Factory applied finish; defined as a finish applied in the same facility and company that manufactures the siding substrate.
- 3. Process:
 - a. Factory applied finish by fiber cement manufacturer in a controlled environment within the fiber cement manufacturer's own facility utilizing a multi-coat, heat cured finish within one manufacturing process.
 - b. Each finish color must have documented color match to delta E of 0.5 or better between product lines, manufacturing lots or production runs as measured by photospectrometer and verified by third party.
- 4. Protection: Factory applied finish protection such as plastic laminate that is removed once siding is installed
- 5. Accessories: Complete finishing system includes pre-packaged touch-up kit provided by fiber cement manufacturer. Provide quantities as recommended by manufacturer.
- C. Factory Finish Color for Trim, and Siding Colors: Shall be selected by Architect during Shop Drawing phase from Manufacturer's standard color selection.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. Notify Architect of unsatisfactory preparation before proceeding.

3.2 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.

3.3 INSTALLATION - HARDIE PANEL HZ5 VERTICAL SIDING

- A. Install materials in strict accordance with manufacturer's installation instructions.
- B. Install metal Z flashing and provide a 1/4 inch (6 mm) gap at horizontal panel joints.

- C. Place fasteners no closer than 3/8 inch (9.5 mm) from panel edges and 2 inches (51 mm) from panel corners.
- D. Allow minimum vertical clearance between the edge of siding and any other material in strict accordance with the manufacturer's installation instructions.
- E. Maintain clearance between siding and adjacent finished grade.
- F. Specific framing and fastener requirements refer to Tables 2 and 3 in International Code Council Evaluation Report No. ESR-2290.
- G. Factory Finish Touch Up: Apply touch up paint to cut edges in accordance with manufacturer's printed instructions.
 - 1. Touch-up nicks, scrapes, and nail heads in pre-finished siding using the manufacturer's touch-up kit pen.
 - 2. Touch-up of nails shall be performed after application, but before plastic protection wrap is removed to prevent spotting of touch-up finish.
 - 3. Use touch-up paint sparingly. If large areas require touch-up, replace the damaged area with new pre-finished siding. Match touch up color to siding color through use of manufacturer's branded touch-up kits.

3.4 INSTALLATION - TRIM BOARDS

- A. Install materials in strict accordance with manufacturer's installation instructions. Install flashing around all wall openings.
- B. Fasten through trim into structural framing or code complying sheathing. Fasteners must penetrate minimum 3/4 inch (19 mm) or full thickness of sheathing. Additional fasteners may be required to ensure adequate security.
- C. Place fasteners no closer than 3/4 inch (19 mm) and no further than 2 inches (51 mm) from side edge of trim board and no closer than 1 inch (25 mm) from end. Fasten maximum 16 inches (406 mm) on center.
- D. Maintain clearance between trim and adjacent finished grade.
- E. Trim inside corner with a single board trim both side of corner.
- F. Outside Corner Board Attach Trim on both sides of corner with 16 gage corrosion resistant finish nail 1/2 inch (13 mm) from edge spaced 16 inches (406 mm) apart, weather cut each end spaced minimum 12 inches (305 mm) apart.
- G. Allow 1/8 inch gap between trim and siding.
- H. Seal gap with high quality, paint-able caulk.
- I. Shim frieze board as required to align with corner trim..
- J. Fasten through overlapping boards. Do not nail between lap joints.
- K. Overlay siding with single board of outside corner board then align second corner board to outside edge of first corner board. Do not fasten HardieTrim boards to HardieTrim boards.
- L. Shim frieze board as required to align with corner trim.
- M. Install HardieTrim Fascia boards to rafter tails or to sub fascia.

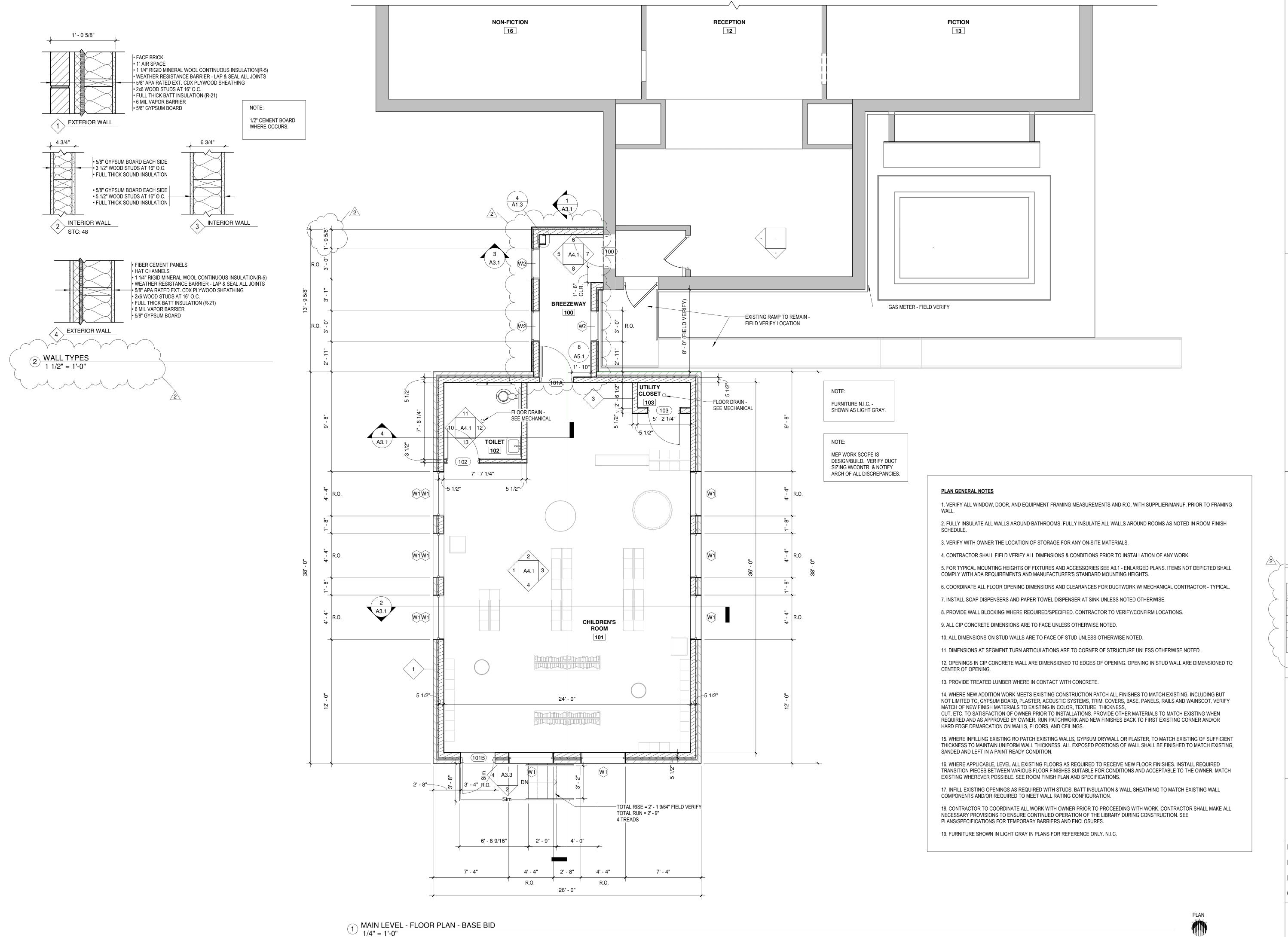
3.5 FINISHING

A. Follow paint manufacturer's written product recommendation and written application instructions.

3.6 PROTECTION

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

END OF SECTION





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REVISIONS

No. Description Date
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IRONWOOD CARNEGIE LIBRARY

IRONWOOD, MI MAIN LEVEL - FLOOR PLAN - BASE BID

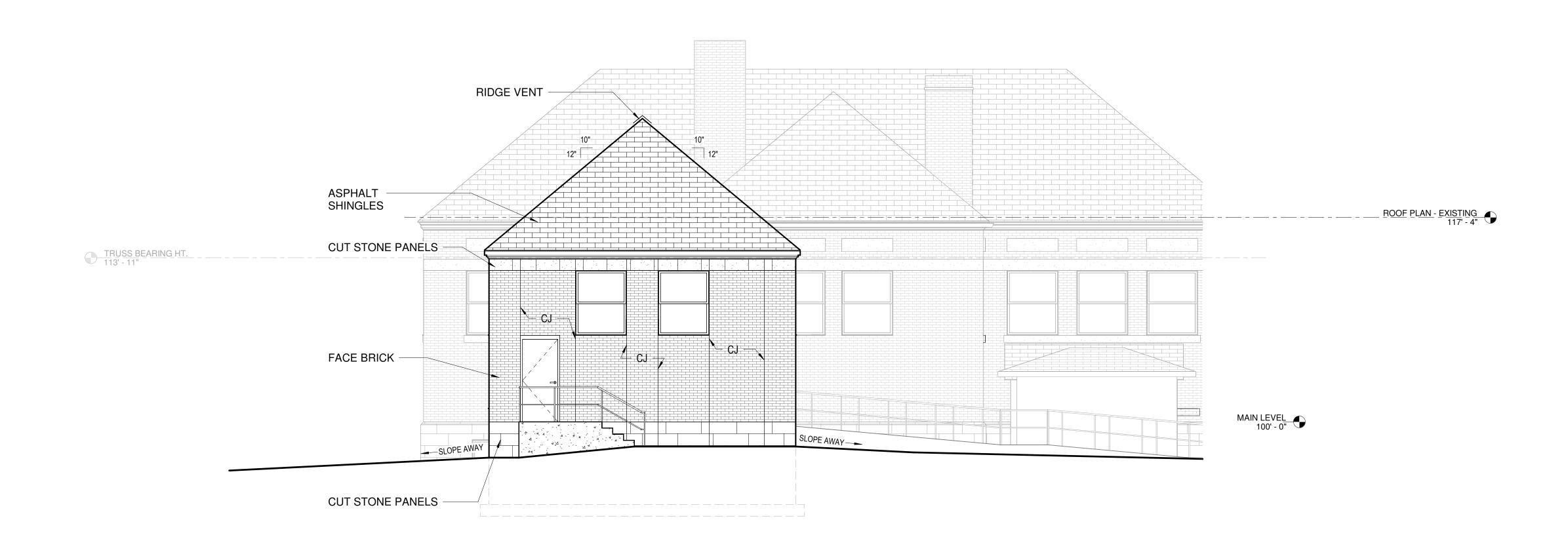
PROJECT NUMBER 24-022

DATE 9-17-2024

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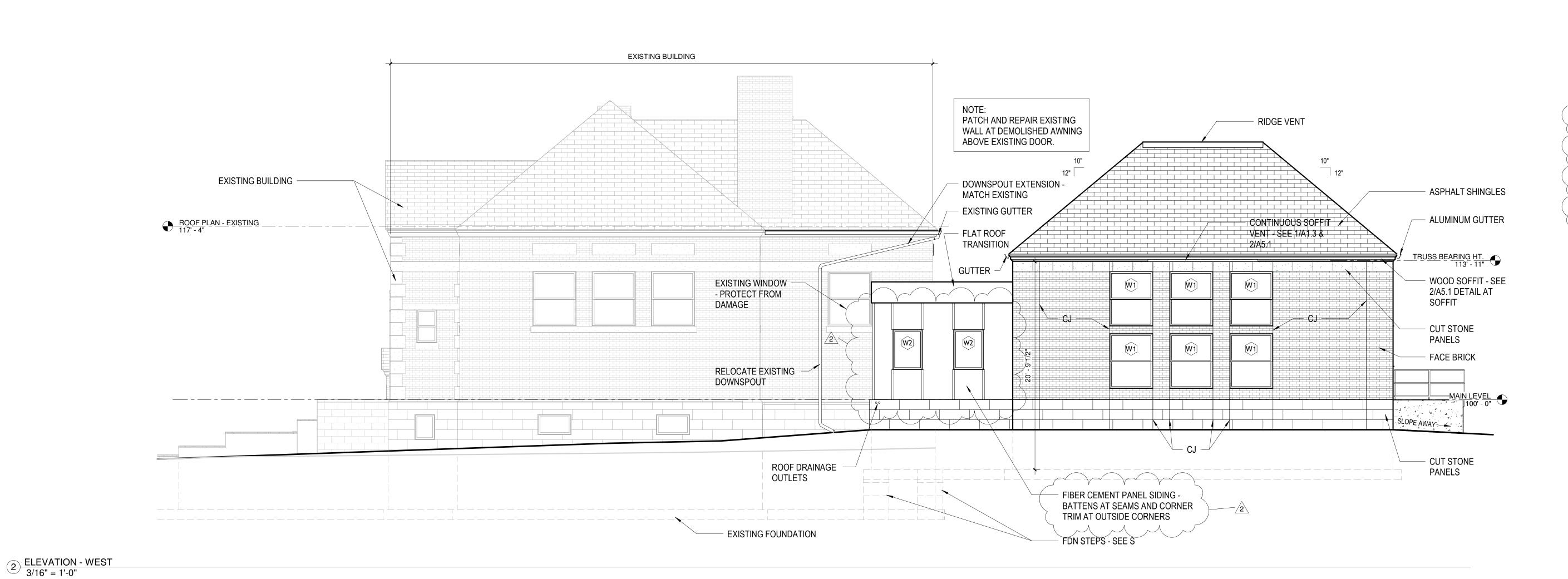
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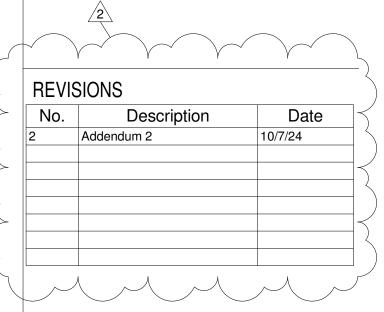
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1 ELEVATION - SOUTH 3/16" = 1'-0"





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IRONWOOD, MI
EXTERIOR ELEVATIONS

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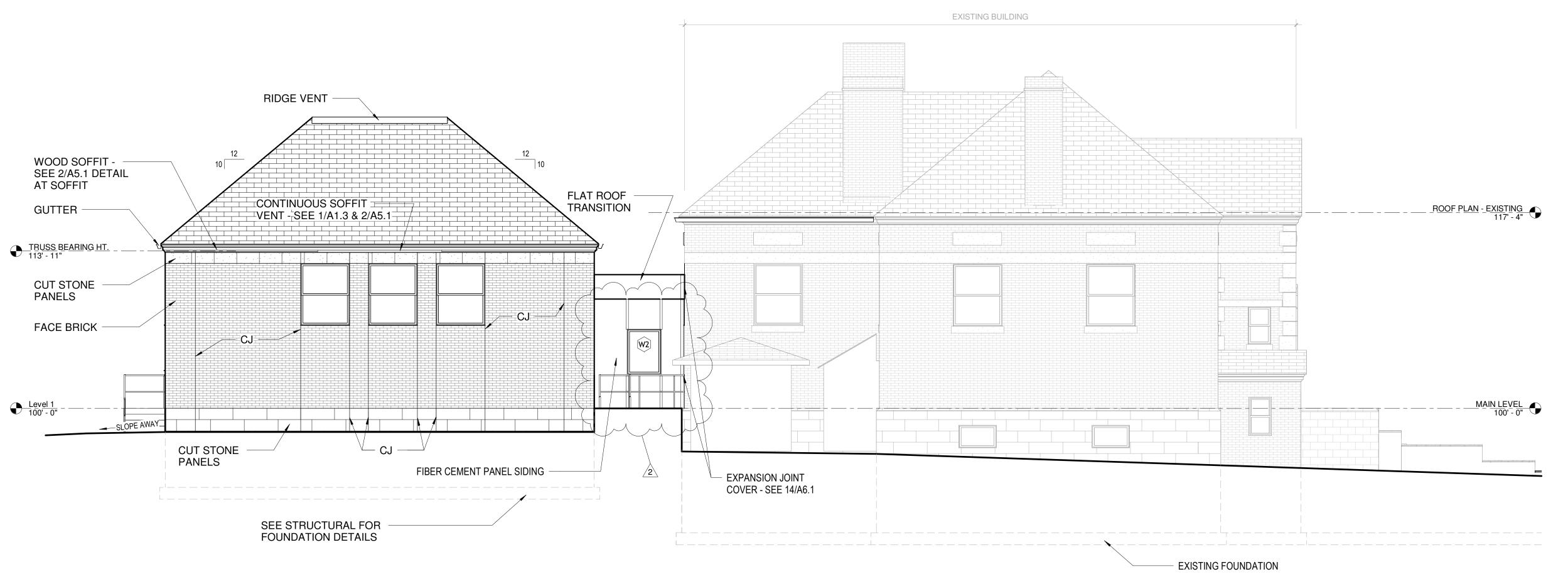
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A2.1



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

2 ELEVATION - EAST 3/16" = 1'-0"





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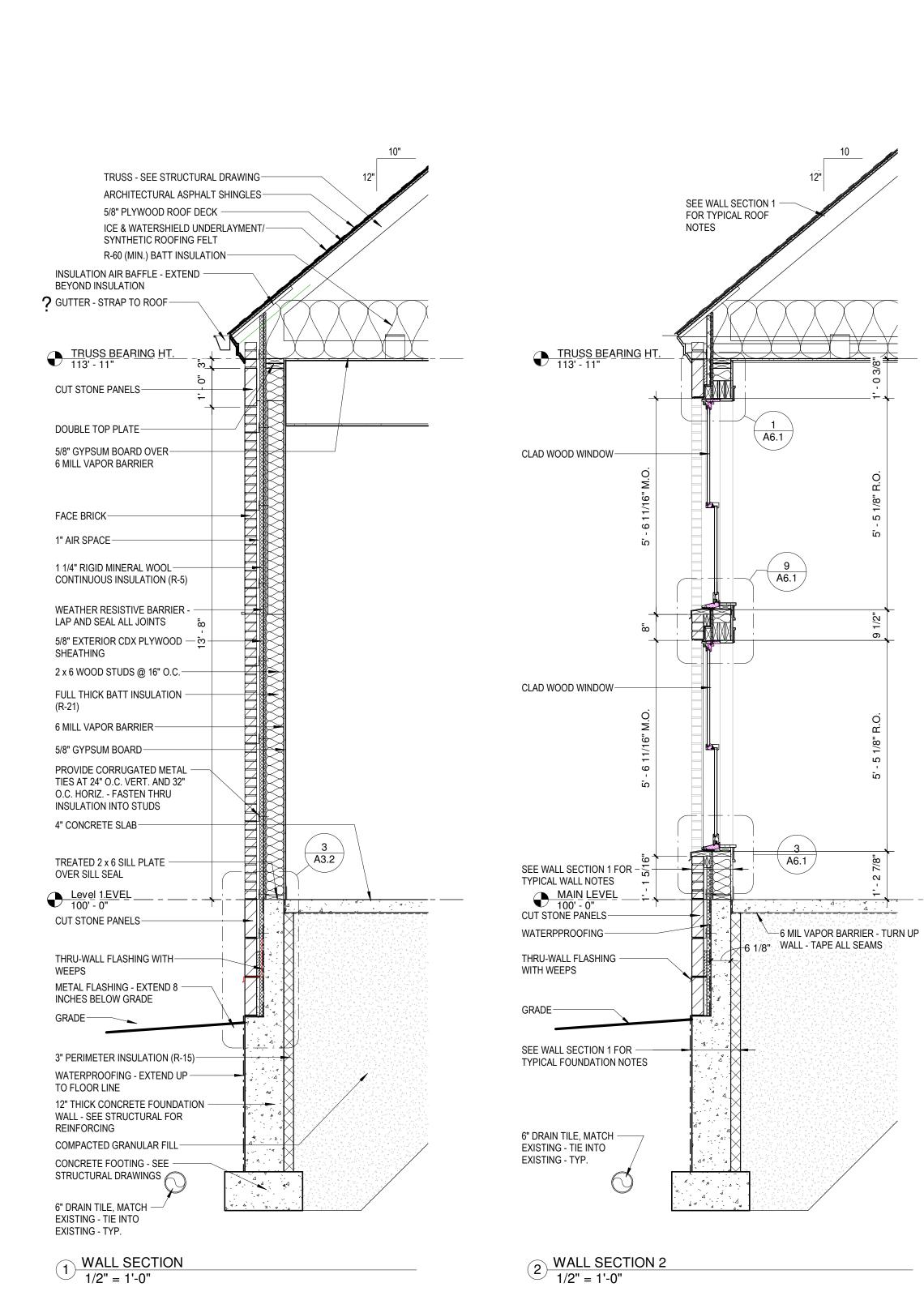
IRONWOOD CARNEGIE LIBRARY

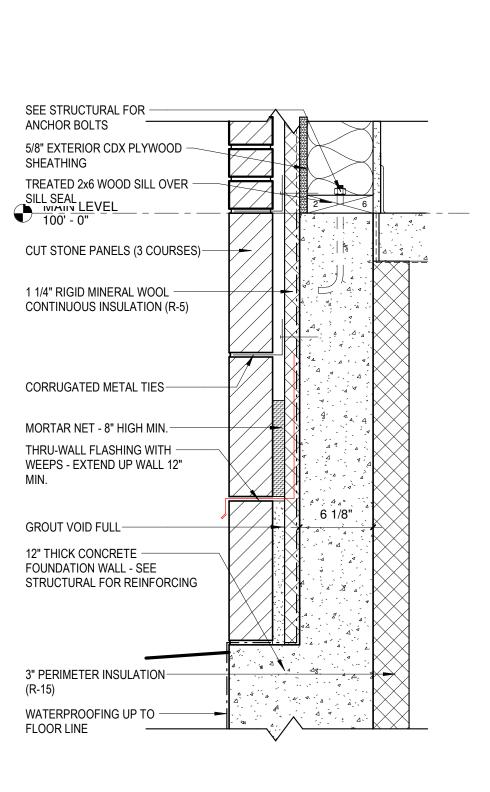
IRONWOOD, MI **EXTERIOR ELEVATIONS**

PROJECT NUMBER

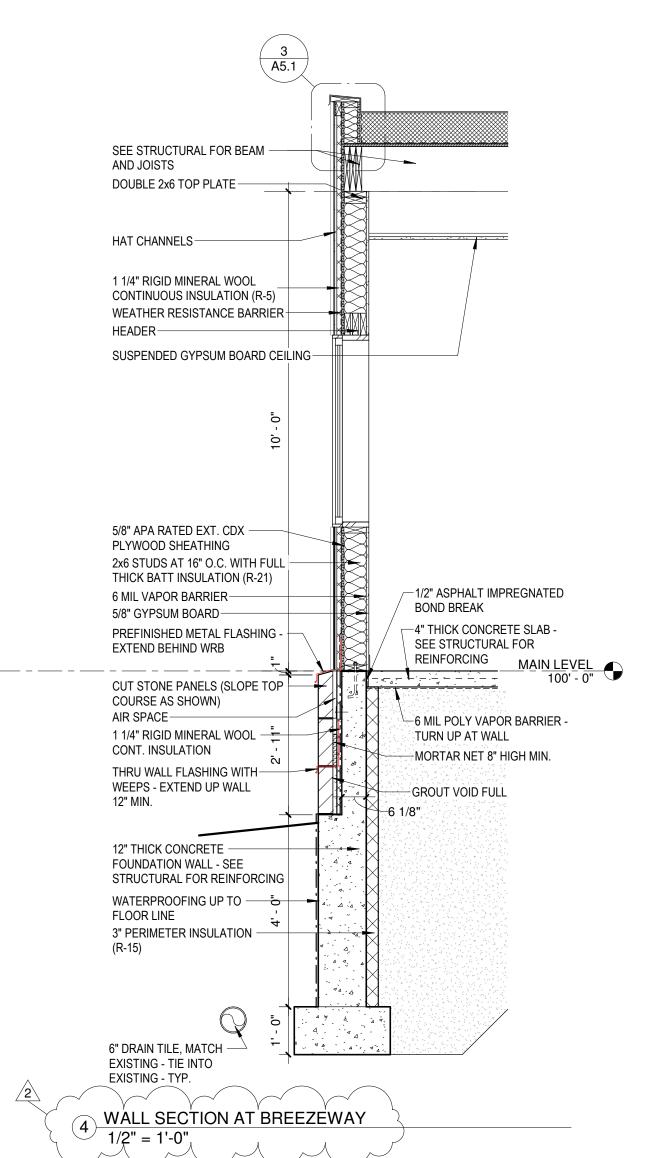
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3 TYPICAL WALL DETAIL AT FOUNDATION
1 1/2" = 1'-0"





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> IRONWOOD, MI WALL SECTIONS

PROJECT NUMBER
DATE

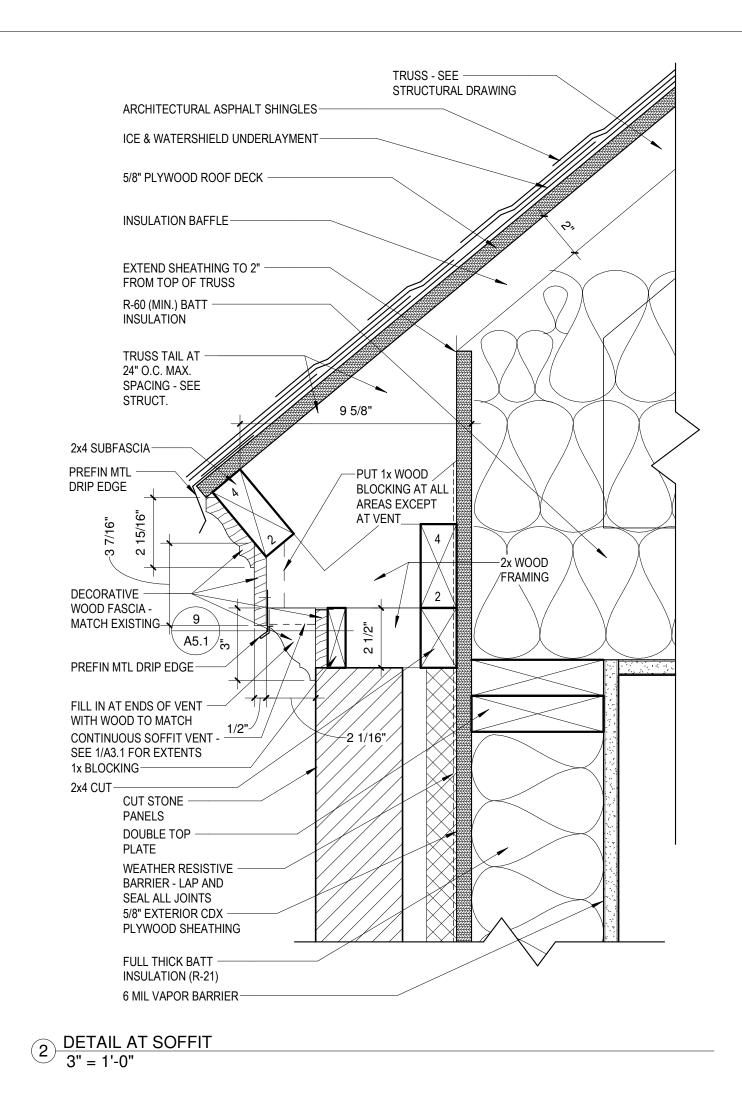
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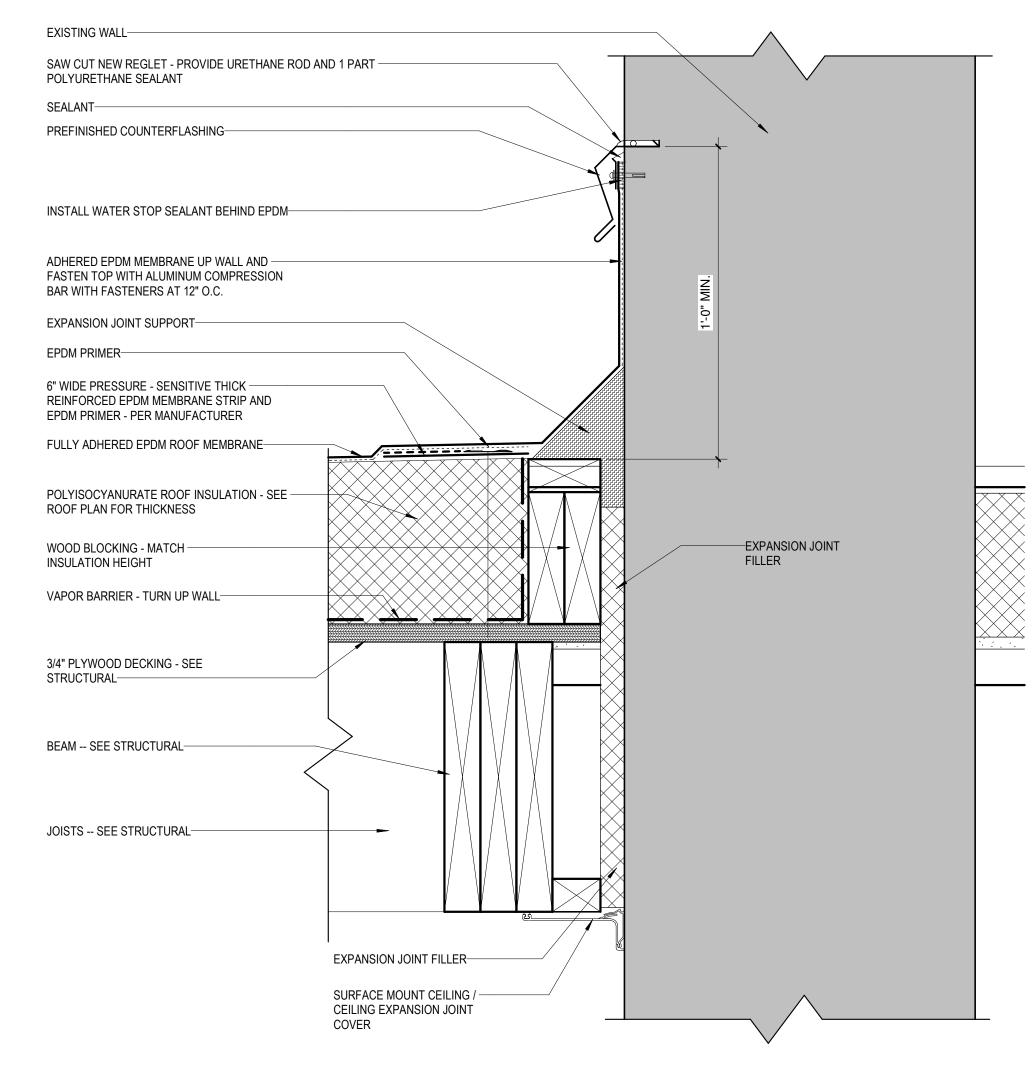
24-022 9-17-2024 JTF, MRH

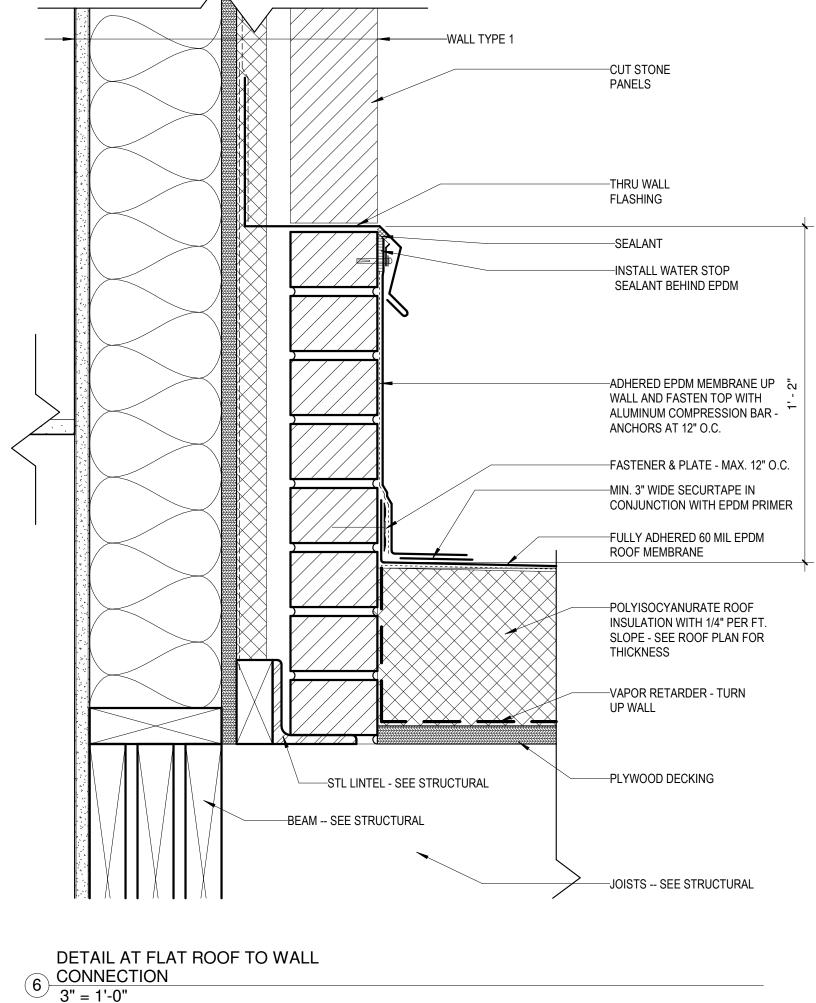
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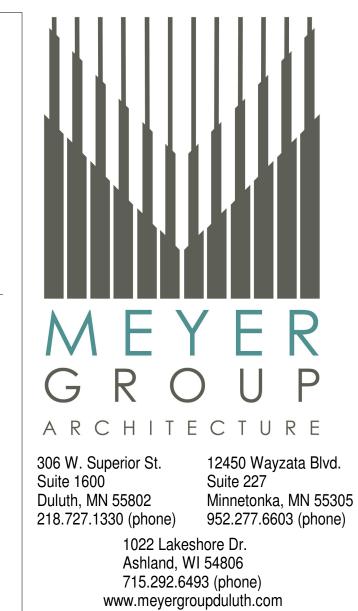
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A3.2



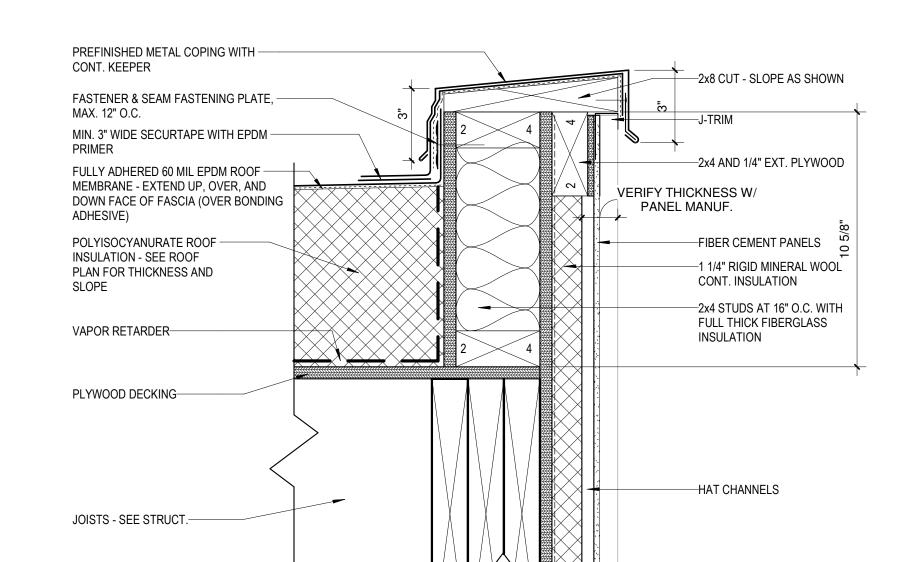




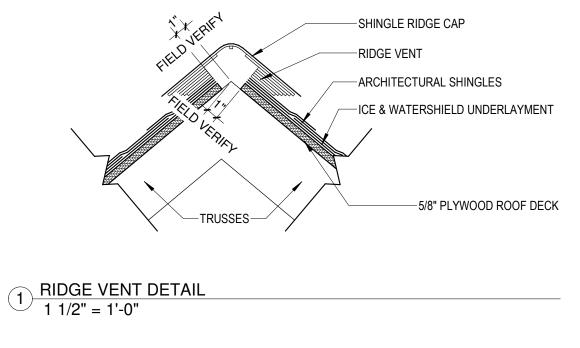


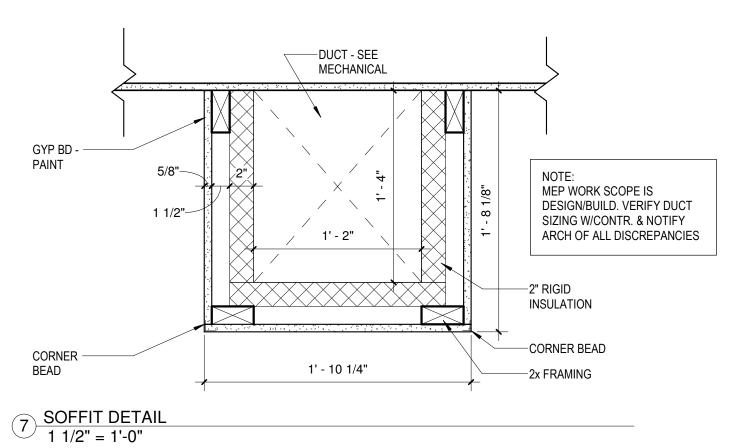


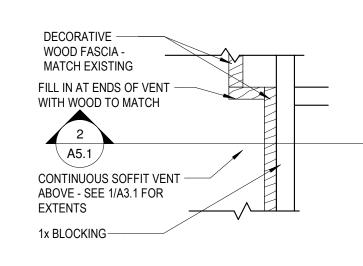
ROOF DETAIL AT BREEZEWAY TO 4 EXISTING WALL CONNECTION Copy 1
3" = 1'-0"



3 DETAIL AT PARAPET
3" = 1'-0"

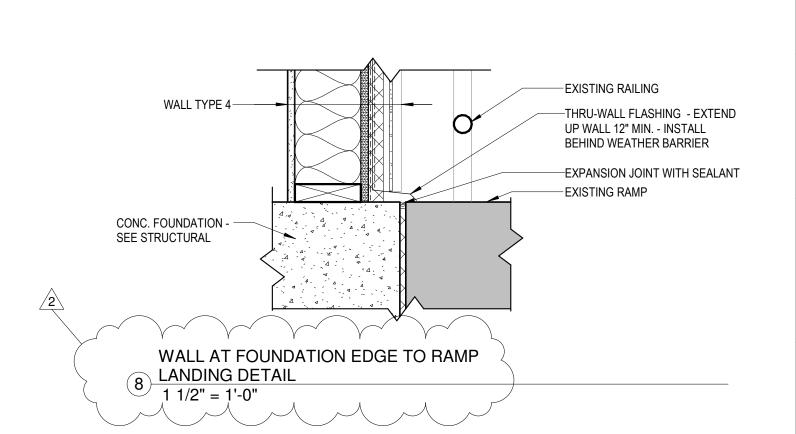


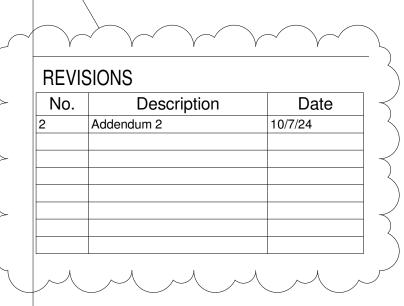




[/] 3" = 1'-0"

9 DECORATIVE WOOD SOFFIT DETAIL
3" = 1'-0"

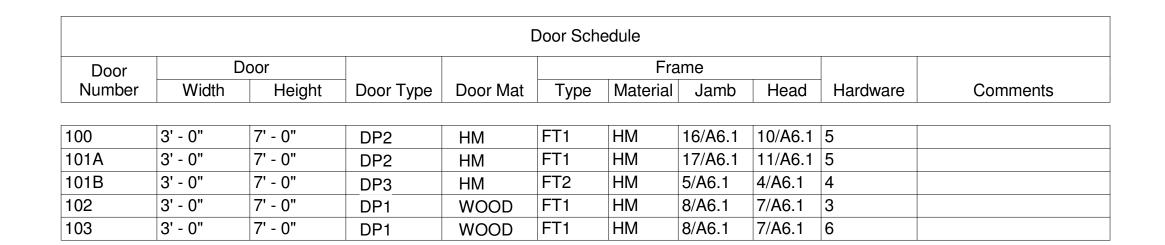


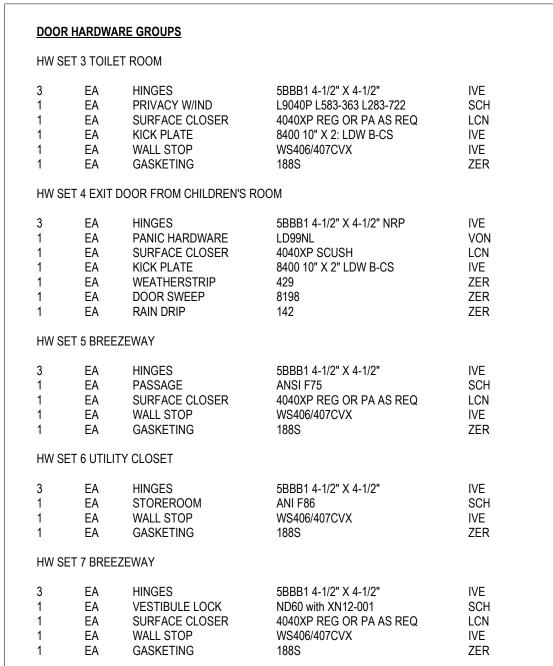


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> IRONWOOD, MI **DETAILS**

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DATE	9-17-202
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PREFINISHED METAL FLASHING

SEALANT OVER BACKER ROD

SELF-ADHERED MEMBRANE

AND SHIM ABOVE FLASHING

-2x TREATED WOOD BLOCKING -

-SLOPED SHIM BELOW FLASHING

WITH HEMMED EDGE

-CLAD WOOD WINDOW

-WOOD SILL

-WOOD TRIM

FLASHING

SLOPE AS SHOWN

-WALL TYPE 1

3 WINDOW SILL DETAIL
1 1/2" = 1'-0"

CLAD WOOD WINDOW-

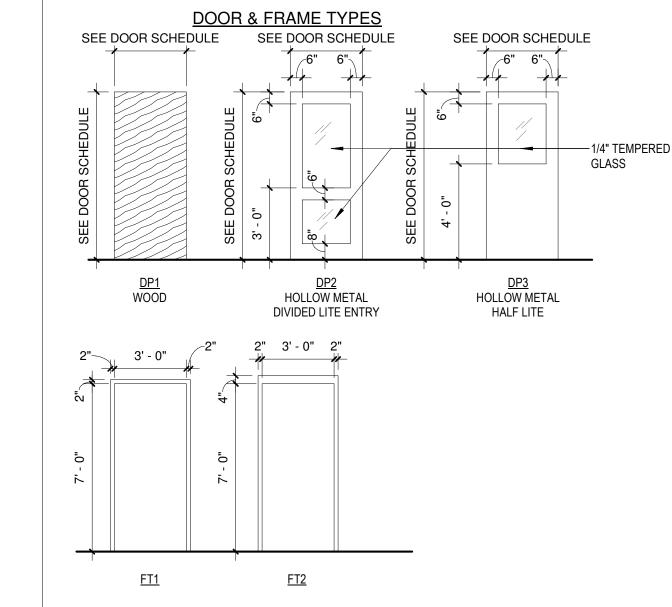
SEE DETAIL 3/A6.1 FOR

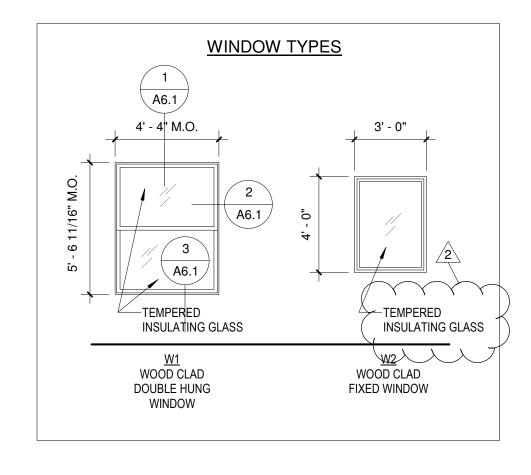
5/8" EXTERIOR PLYWOOD

WINDOW SILL NOTES

FACE BRICK-

-SOLID WOOD BLOCKING





—EXISTING WALL

-CONT. BACKER ROD & SEALANT ENTIRE

COMPLETED OPENING ANCHORS PER JAMB

PERIMETER EACH SIDE OF FRAME

-HOLLOW METAL FRAME PRIMED AND PAINTED - PROVIDE MIN. (3)

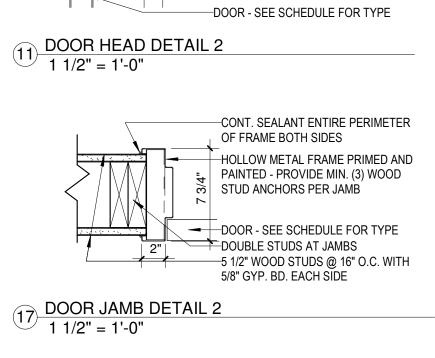
→DOOR - SEE SCHEDULE FOR TYPE

EXPANSION JOINT FILLER

-WD BLOCKING

W/ SEALANT

-SEALANT BACKER



-WEATHER RESISTANCE BARRIER

PREFINISHED METAL FLASHING

-SELF ADHERING THRU-WALL FLASHING

-- INSULATED HEADER - SEE STRUCTURAL

—CONT. BACKER ROD & SEALANT ENTIRE

PREFINISHED METAL FLASHING
WITH HEMMED EDGE

-SEALANT OVER BACKER ROD

-SELF-ADHERED MEMBRANE

AND SHIM ABOVE FLASHING

-2x TREATED WOOD BLOCKING -

-SLOPED SHIM BELOW FLASHING

-CLAD WOOD WINDOW

-WOOD SILL

-WOOD TRIM

FLASHING

SLOPE AS SHOWN

-WALL TYPE 4

-SOLID WOOD BLOCKING

PERIMETER EACH SIDE OF FRAME

WITH WEEPS - EXTEND UP WALL 12" MIN.

-5/8" GYPSUM BOARD

-WOOD TRIM

-JAMB EXTENSION

-CLAD WOOD WINDOW

---5 1/2" WOOD STUDS @ 16" O.C. WITH

HEADER - (3) 2x6 WITH 1/2" PLYWOOD

-CONT. SEALANT ENTIRE PERIMETER

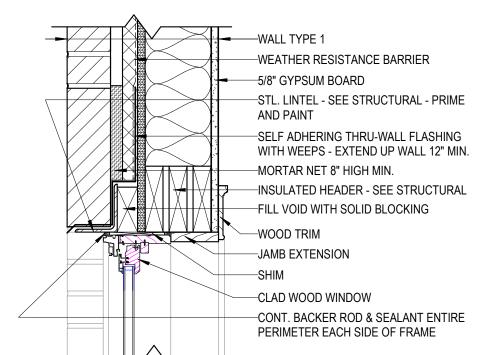
-HOLLOW METAL FRAME PRIMED AND

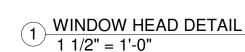
PAINTED - PROVIDE MIN. (3) METAL

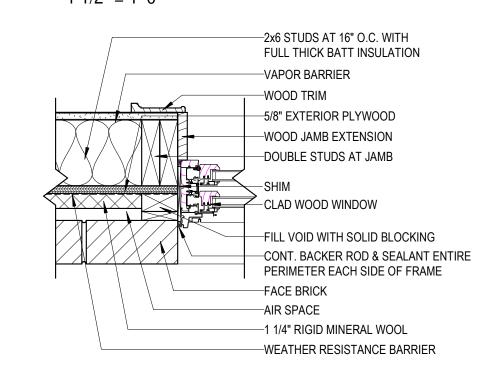
5/8" GYP. BD. EACH SIDE

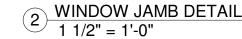
OF FRAME BOTH SIDES

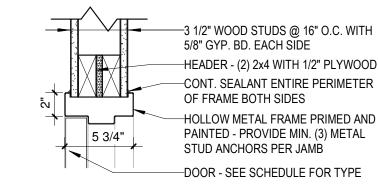
STUD ANCHORS PER JAMB







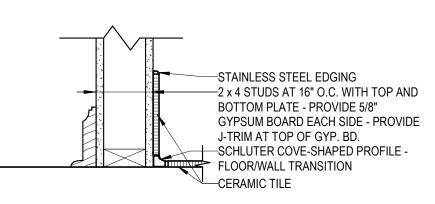




7 DOOR HEAD DETAIL 1 1/2" = 1'-0"

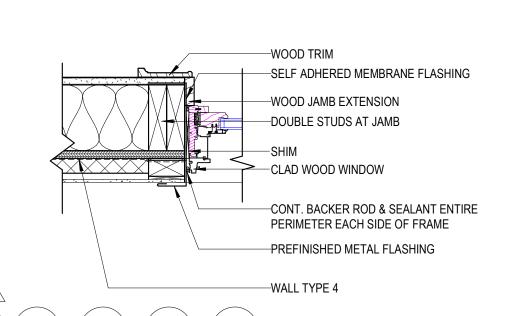
	-CONT. SEALANT ENTIRE PERIMETER OF FRAME BOTH SIDES
5 3/4"	—HOLLOW METAL FRAME PRIMED AND PAINTED - PROVIDE MIN. (3) WOOD STUD ANCHORS PER JAMB
	DOOR - SEE SCHEDULE FOR TYPE
2"	DOUBLE STUDS AT JAMBS
	-3 1/2" WOOD STUDS @ 16" O.C. WITH 5/8" GYP. BD. EACH SIDE

8 DOOR JAMB DETAIL 1 1/2" = 1'-0"



DETAIL AT WALL BETWEEN BREEZEWAY AND ADDITION 1 1/2" = 1'-0"

(21) WINDOW JAMB DETAIL 2



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> IRONWOOD CARNEGIE **LIBRARY**

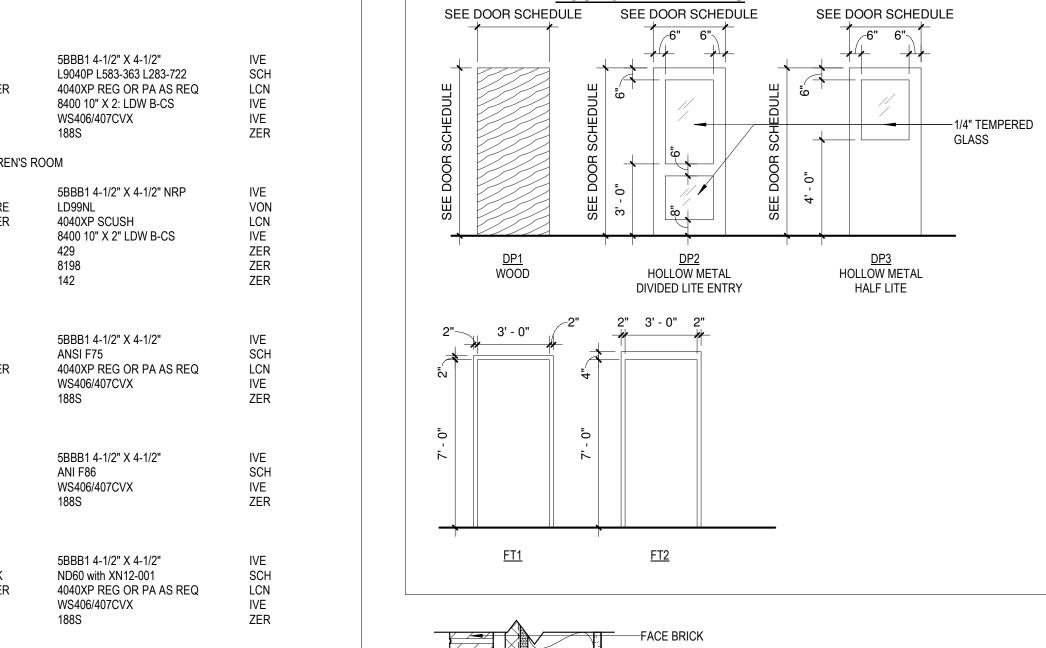
IRONWOOD, MI DOOR AND WINDOW TYPES AND DETAILS

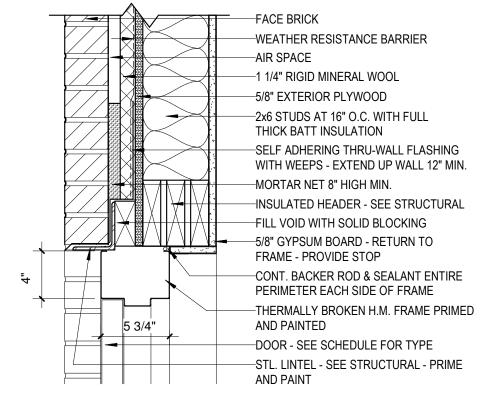
24-022

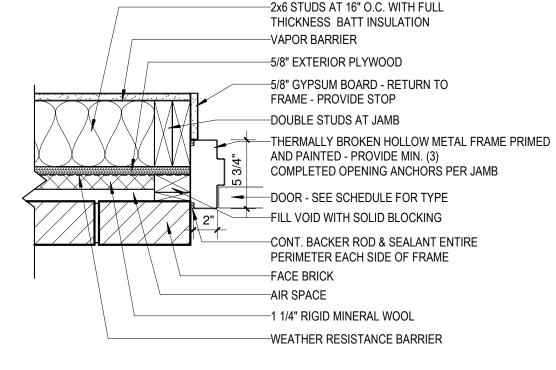
TLM

PROJECT NUMBER 9-17-2024 JTF, MRH DRAWN BY

CHECKED BY





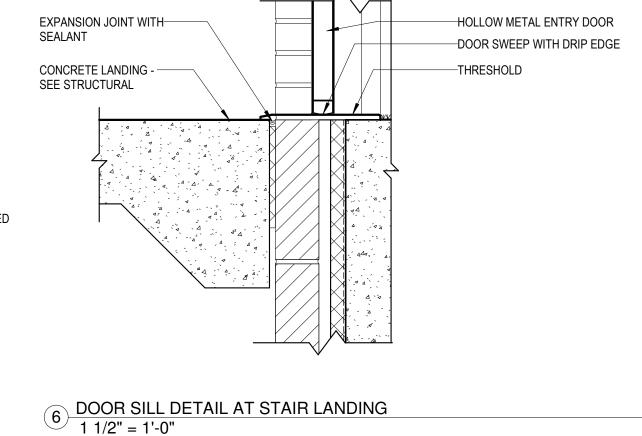


WALL TYPE 4—

PLYWOOD-

1 1/2" = 1'-0"

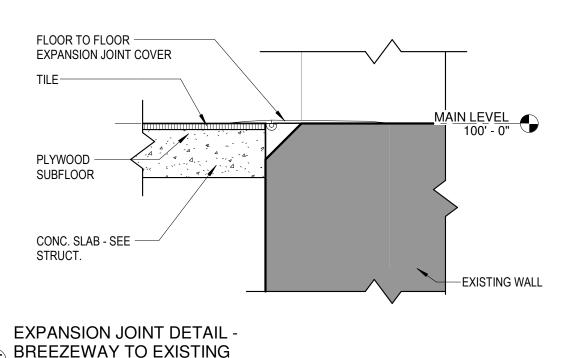
16 DOOR DETAIL AT EXISTING OPENING

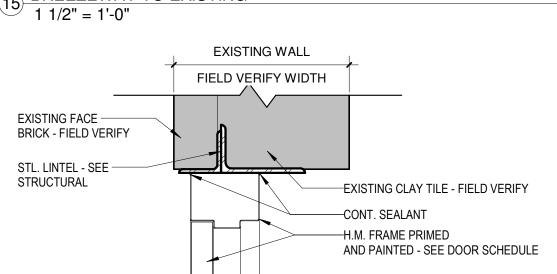


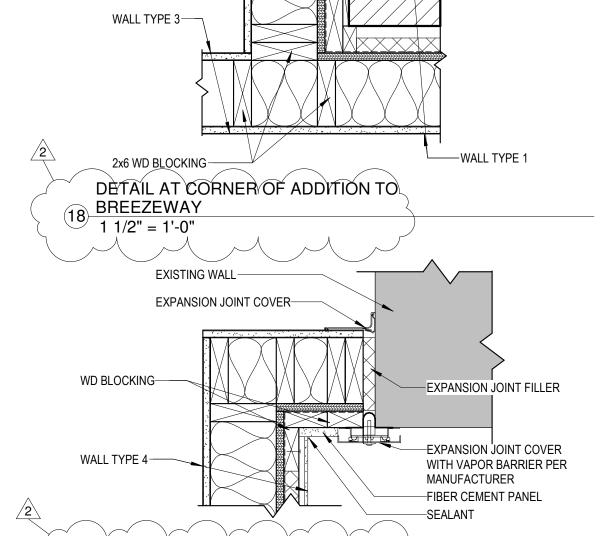
20 WINDOW HEAD DETAIL 2
1 1/2" = 1'-0"

WINDOW SILL DETAIL 2

5 EXTERIOR DOOR JAMB DETAIL 1 1/2" = 1'-0"







DETAIL AT CORNER OF EXISTING TO

19 BREEZEWAY ¹ 1 1/2" = 1'-0"

10 DOOR HEAD AT EXISTING WALL 1 1/2" = 1'-0"

BARRIER HEADER - SEE STRUCTURAL DRAWINGS STL. LINTEL - SEE STRUCTURAL -PRIME AND PAINT SEE DETAIL 1/A6.1 FOR -CONT. BACKER ROD & SEALANT ENTIRE WINDOW HEAD NOTES PERIMETER EACH SIDE OF FRAME BREEZEWAY TO EXISTING 9 SILL - HEAD WINDOW DETAIL 1 1/2" = 1'-0"

-WOOD SILL TRIM -WOOD TRIM - MATCH EXISTING -5/8" GYPSUM BOARD OVER VAPOR

(4) EXTERIOR DOOR HEAD DETAIL