

TOWN OF GLASTONBURY
GL-2020-19
WELLES-TURNER MEMORIAL LIBRARY RENOVATIONS AND ADDITION PROJECT
ADDENDUM NO. 4
10/9/2020

Bid Due Date: October 16th, 2020 @ 11:00 A.M.

The attention of bidders submitting proposals for the above-referenced project is called to the following Addendum to the specifications. The items set forth herein, whether of omission, addition, substitution or other change, are all to be included in and form a part of the proposed Contract Documents for the work. Bidders shall acknowledge this Addendum on the **Bid Form (ATTACHMENT 1)**.

I. Revisions to Specifications

1. Specification Section – Bid Form
 - a. – Revise bid form to add unit price #20:
“Replace 34 square feet of existing brick masonry indicated as “(BASE)” on A3.01 and as per specification section 049010 “Brick Restoration”.

II. Revisions to Technical Specifications

1. Specification Section 006313 Prebid Requests for information
 - a. Insert section.
2. Specification Section 012100 Allowances
 - a. Insert section 3.3C “Allowance No. 3”.
3. Specification Section 072100 Thermal Insulation
 - a. Replace page 3 with the attached.
4. Specification Section 074646 Fiber Cement Siding
 - a. Replace pages 3 and 4 with the attached.
5. Specification Section 081433 Wood Terrace Doors
 - a. Replace pages 4 and 5 with the attached.
6. Specification Section 092900 Gypsum Board
 - a. Replace page 4 the attached.

III. Revisions to Drawings

1. Replace the following drawings in their entirety:
A3.01
2. Revise the following drawings per Addendum 01, see attachment 1.
SKA-008, SKA-009, SKA-010, SKA-011

IV. Attachments to Addendum

<u>Description</u>	<u>Pages</u>
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Specification Section 006313 – Prebid Requests for Information (bid RFIs) (part 3)	3
Specification Section 012100 – Allowances	2
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Specification Section 074646 – Fiber Cement Siding	2
Specification Section 081433 – Wood Terrace Doors	2
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 Drawings:	
A3.01, SKA-008, SKA-009, SKA-010, SKA-011	5

This Addendum is issued to revise the response to the following bid-RFIs originally responded to in Addendum #2:

Question 35: *Can you confirm the only Brick Restoration per spec 049000 is at details 5, 6/A3.01 – approximately 440 sf?*

Answer: ~~With regard to the Base Bid, brick restoration is limited to 5,6/A3.01 and the patio walls shown on A1.02. Alternate #2 includes the restoration and painting of the remaining exterior masonry areas. See A3.01.~~

Question 36: *Does all the brick get replaced at these 2 elevations or just the cracked brick?*

Answer: See Brick restoration 04 90 00 - 3.3A.

Question 37: *Do all the mortar joints get repointed at these 2 elevations or just the damaged joints?*

Answer: See Brick restoration 04 90 00 - 3.3 E.1.

Question 53: *Does Spec 049010, 1.2A.1, A.2 pertain only to Alternate #2? And confirm there are no other brick replacements or restoration required in the Base Bid.*

Answer: ~~See 5,6/A3.01 for brick restoration to be included in the base bid. Also, A1.02 identifies masonry restoration required at the masonry walls surrounding the patio. Brick replacements are required in the base bid and in Addendum #2. See A3.01 for delineation.~~

The following bid-RFIs were received prior to the October 2nd deadline for submission of RFI/Clarifications.

Question 86: *Section 28 Video Surveillance. Town storage and retention requirements?*

Answer: New cameras shall interface with existing equipment located in the Town Hall via the existing network. Programming and network connection shall be coordinated with the Town's IT.

Question 87: *Section 28 Video Surveillance. How many existing cameras?*

Answer: No exact number as some may be located in areas outside of scope of work. This should have no impact for provisions of new. The Town's IT showed no concern with adding a couple of cameras to the existing remote equipment.

Question 88: *Section 28 Video Surveillance. Manufacturers/Specs?*

Answer: Axis, specs not available.

Question 89: *Section 28 Video Surveillance. Where are the current servers located?*

Answer: According to the Town's IT, servers are located at the Town Hall.

Question 90: *Section 28 Video Surveillance. How many servers onsite?*

Answer: No servers were observed on site.

Question 91: *Section 28 Video Surveillance. What are the Server specs?*

Answer: This information is managed by the Town's IT.

Question 92: *Section 28 Video Surveillance. How many existing recorders to be interfaced?*

Answer: New cameras to interface with existing equipment located in the Town Hall via the existing network. No server was observed on site. Existing server(s) information is managed by the Town's IT.

Question 93: *Section 28 Video Surveillance. Please, clarify if the library has a DVR or NVR as Video Surveillance Division 28 states both?*

Answer: Per early conversations during design, the Town has NVR equipment located at a remote location (Town Hall). No server was observed on site..

Question 94: *Section 28 Video Surveillance. Where is Telcom 118, this is not marked on the drawings?*

Answer: This room is located north, adjacent to the elevator machine room.

Question 95: *Section 28 Video Surveillance. Confirm total of existing cameras "ETR"?*

Answer: All cameras shall be ETR, unless explicitly noted to be removed or relocated.

Question 96: *Section 28 Video Surveillance. Interior Cameras labeled "RE" cameras on the first floor, remove existing. Should they be given to the Owner or thrown out?*

Answer: Given to the Owner.

Question 97: *Section 28 Video Surveillance. Interior Cameras labeled "RE" cameras on the first floor, remove existing. Will the cabling be kept in place or pulled back to the closet?*

Answer: Pulled back to closet.

Question 98: *Section 28 Video Surveillance. Exterior camera labeled "EXT" what's the electrical abbreviation as its not listed on the drawings?*

Answer: EXT references a new camera located and rated for exterior installation.

Question 99: *Section 28 Access Control. How many hours of training are required?*

Answer: As outlined under section 281316, provide a training session with sufficient time to cover administration, configuration, operation, and diagnostics. This is an existing system being expanded. A minimum of 4 hours shall be sufficient.

Question 100: *Section 28 Access Control. Where is the MDF room?*

Answer: IT 118. This room is located north, adjacent to the elevator machine room.

Question 101: *Section 28 Access Control. Is there an IDF room??*

Answer: No IDF or other remote rooms were observed in this building.

Question 102: *Section 28 Access Control. What are the Access Control Card Credential requirements?*

Answer: This requirement shall be coordinated with the Town's IT.

Question 103: *Section 28 Access Control. What is the existing Intrusion Detection System?*

Answer: Keri Systems.

Question 104: *Section 28 Access Control. What is the model number of the Intrusion Detection system panel?*

Answer: Keri Systems.NXT series.

Question 105: *Section 28 Access Control. How many existing devices are on the panel (Motion sensors, door contacts, glass breaks etc.)?*

Answer: The number of devices on the existing panel is not known, but we do know that there is no spare capacity on the existing panel. The existing access control cabinets had exact number of card modules to handle all existing doors. Addition of more cards shall be expected in order to handle new access controlled doors under this project and additional sensors.

Note: This addendum consists of 23 page including the above text.

ATTACHMENT 1
BID FORM (6 pages)

Project: Town of Glastonbury
Welles-Turner Memorial Library Renovations and Addition Project
2407 Main Street, Glastonbury CT
GL-2020-19

Submitted to: Town of Glastonbury
Attention: Mary F. Visone, Purchasing Agent
All bids shall be submitted electronically through
the secure e-procurement portal identified in the bid documents

Bidder: _____ (Name)
_____ (Address)
_____ (Tel. No./Email Address)

Dated: _____, 2020

In compliance with the Bidding Documents as defined in the Instructions to Bidders issued by the Town of Glastonbury (“the Town”) and dated June 1st, 2020 (the “Bidding Documents”), the undersigned Contractor (the “Bidder”) hereby proposes and agrees to fully perform the work described in the Bidding Documents within the time stated and in strict accordance with the Bidding Documents for the above referenced Project, for the following sum of money:

Base Bid Amount:
Lump Sum in the amount of _____ Dollars
(\$ _____).
(Provide amount in words and numbers)

Base Bid Items: All labor, materials, tools, equipment, temporary facilities and transportation necessary to complete the Work for the Project as described in the Bidding Documents inclusive of, without limitation all charges such as overhead, profit, general conditions, general requirements, insurance and permits.

Alternates:

Add Alternate No. 1: Mill and overlay pavement at access drive and balance of parking lot. Provide new bituminous curb in locations abutting. Mill and overlay and re-stripe to match existing. See drawing of extents on CS101.
Lump Sum in the amount of _____ Dollars
(\$ _____).
(Provide amount in words and numbers)

Add Alternate No. 2: Paint the balance of the exterior of the existing building. See drawing A3.01 for locations.
Lump Sum in the amount of _____ Dollars
(\$ _____).

(Provide amount in words and numbers)

Add Alternate No. 3: Reconstruct existing, capped masonry chimneys. Replace chimney roofing and associated roof flashings. Paint reconstructed masonry. See drawing A3.01 for locations.

Lump Sum in the amount of _____ Dollars

(\$ _____).

(Provide amount in words and numbers)

Unit Prices:

Unit-Price No. 1: Concrete. Class B concrete mix as specified in 03 30 00 -2.8. Include placement by pump.
_____ per cubic yard.

Unit-Price No. 2: Structural steel members
_____ per ton.

Unit-Price No. 3: 1" EMT conduit installed
_____ per linear foot.

Unit-Price No. 4: #12 AWG THHN
_____ per linear foot.

Unit-Price No. 5: Duplex outlet with 100ft of EMT and wire
_____ each.

Unit-Price No. 6: Exit sign with 100ft of EMT and wire.
_____ each.

Unit-Price No. 7: Duplex data outlet with 100 ft of EMT and wire
_____ each.

Unit-Price No. 8: Fire horn strobe with 100f of EMT and wire.
_____ each.

Unit-Price No. 9: Concealed ceiling sprinkler with swing joint, 10' pipe, tap into main
_____ each

Unit-Price No. 10: Pendent sprinkler wth 10' pipe, tap into main.
_____ each.

Unit-Price No. 11: Core drilling – up to 8" diameter.
_____ each.

Unit-Price No. 12: Floor skimming to 1/8" thick.
_____ per square foot.

Unit-Price No. 13: In wall 2x6 blocking.
_____ per linear foot.

Unit-Price No. 14: Wall type M41
_____ per square foot.

Unit-Price No. 15: Wall type M42
_____ per square foot.

Unit-Price No. 16: Wall type M43
_____ per square foot.

Unit-Price No. 17: Wall type: Temporary partition.
_____ per square foot.

Unit-Price No. 18: 4” roof penetration
_____ each.

Unit-Price No. 19: 500 cu. yd. of unsatisfactory soil excavation and disposal off-site and replacement with satisfactory soil material from off-site, as specified in Section 312000 "Earth Moving."
_____ each.

Unit-Price No. 20: Replace 34 square feet of existing brick masonry indicated on A3.01 as “(BASE)” and as specified in Section 049010 “Brick Restoration”.
_____ each.

Bid Price Itemization:

Submitted herewith as Bid Form Schedule A is the Bid Price Itemization which includes an amount for each component of the Work for the Project required by and described in the Bidding Documents. The sum of all listed components shall equal the Base Bid Amount. Bidder acknowledges that, should conditions make it necessary to revise the scope of the Work for the Project, the Bid Price Itemization shall serve as the basis for adjustments to the Base Bid Amount.

Subcontractors:

Submitted herewith as Bid Form Schedule B is a list of the names and addresses of all Subcontractors proposed to be utilized on the Project.

Receipt of Addenda Acknowledged:

Signature _____
Addendum No. 1 dated _____, 2020 _____
Addendum No. 2 dated _____, 2020 _____
Addendum No. 3 dated _____, 2020 _____
Addendum No. 4 dated _____, 2020 _____

Code Of Ethics:

I / We have reviewed a copy of the Town of Glastonbury’s Code of Ethics and agree to submit a Consultant Acknowledgement Form if I /We are selected. Yes _____ No _____ *

*Bidder is advised that effective August 1, 2003, the Town of Glastonbury cannot consider any bid or proposal where the bidder has not agreed to the above statement.

Contract Execution:

The Bidder agrees and warrants that, if selected as the Contractor for the Project, Bidder shall, within five days, Saturdays, Sundays and legal holidays excluded, after presentation thereof by the Town, execute a contract in accordance with the Bidding Documents, the terms of this Bid Form and such other terms and conditions as may be mutually agreed by the Town and the Bidder.

Bidder's Representations:

By submission of this Bid Form and its Bid, the Bidder represents and acknowledges that:

1. The Bidder has carefully examined and is familiar with the Bidding Documents and all of the requirements set forth in the Bidding Documents. A Bidder's failure to gain such familiarity with the Bidding Documents shall in no way relieve the Bidder of responsibility for all aspects of its Bid and the obligations set forth in the Bidding Documents.
2. The Bidder understands the requirements of the Bidding Documents and the scope of Work represented by the Bidding Documents to be performed by or on behalf of a Bidder.
3. The Bidder has checked all of the figures set forth in this Bid Form and the Schedules attached hereto and understands that the Town will not be responsible for any errors or omissions on the part of the Bidder in preparing this Bid.
4. The Bidder and appropriate Sub-bidders have visited the Premises, have become familiar with local conditions under which the Work is to be performed, site conditions, logistics and have correlated the Bidder's personal observations with the requirements of the Bidding Documents.
5. The Bidder is familiar with and agrees to comply with all federal, state and local laws, regulations, ordinances, codes and orders as relate to this solicitation and/or the performance of the scope of Work described in the Bidding Documents.
6. The Bidder has reviewed the Town of Glastonbury Code of Ethics adopted July 8, 2003 and effective August 1, 2003 and revised October 29, 2013 effective November 8, 2013 and, if requested by the Town will submit an acknowledgement form provided by the Town if selected for award of the Contract.
7. The Base Bid Amount set forth in its Bid Form includes all labor, materials, equipment, services, machinery and systems required by the Bidding Documents and includes, without limitation, overhead, profit, general conditions, general requirements and insurance and bond costs, all without exception or qualification.
8. The Bidder has confirmed and incorporated into its Bid and Base Bid Amount the proper prevailing wage rates for the Work included in the Project.
9. The following are the names and prices of the subcontractors proposed by the Bidder to perform the identified classes of work:

Name of Subcontractor	Class of Work	Subcontractor Price
	Masonry	\$
	Electrical	\$
	Plumbing	\$
	HVAC	\$

10. The Bidder agrees that each of the subcontractors listed on this Bid Form will be used for the work indicated at the amount stated, unless a substitution is permitted by the Town.
11. In submitting this Bid, it is understood that the right is reserved by the Town to reject any or all Bids and waive all technicalities and informalities in connection therewith, including negotiating with the selected bidder or bidders, all as may be in the best interest of the Town. It is agreed that this Bid may not be withdrawn for a period of ninety (90) days after the actual date the Bids are opened.

ATTACHMENT 1 –

The Bidder certifies, under the penalty of false statement, that the information in this Bid Form and its Bid is true and accurate, that the copy of the Bid Bond submitted with this Bid Form is a true, accurate and unmodified copy of the original bond issued by the Bidder's surety for the Project, that there has been no substantial change in the Bidder's financial position or corporate structure since the Bidder's most recent DAS prequalification certificate was issued or renewed, other than those changes noted in the update bid statement, and that the Bid was made without fraud or collusion with any person.

The undersigned declares that the person or persons signing this Bid is/are fully authorized to sign on behalf of the Bidder.

Signed this ____ day of _____, 2020

_____ (Name of Bidder)

By _____ (Signature of individual signing on behalf of Bidder)

_____ (Print name of individual signing on behalf of Bidder)

Its _____ (Title of such individual such as President, Member, etc.)

Owner or selected by Architect under allowance shall be included as part of the Contract Sum and not part of the allowance.

1.10 ADJUSTMENT OF ALLOWANCES

- A. Allowance Adjustment: To adjust allowance amounts, prepare a Change Order proposal based on the difference between purchase amount and the allowance, multiplied by final measurement of work-in-place where applicable. If applicable, include reasonable allowances for cutting losses, tolerances, mixing wastes, normal product imperfections, required maintenance materials, and similar margins.
 - 1. Include installation costs in purchase amount only where indicated as part of the allowance.
 - 2. If requested, prepare explanation and documentation to substantiate distribution of overhead costs and other markups.
- B. Submit claims for increased costs due to a change in the scope or nature of the allowance described in the Contract Documents, whether for the purchase order amount or Contractor's handling, labor, installation, overhead, and profit.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine products covered by an allowance promptly on delivery for damage or defects. Return damaged or defective products to manufacturer for replacement.

3.2 PREPARATION

- A. Coordinate materials and their installation for each allowance with related materials and installations to ensure that each allowance item is completely integrated and interfaced with related work.

3.3 SCHEDULE OF ALLOWANCES

- A. Allowance No. 1: Quantity Allowance: Include 500 cu. yd. of unsatisfactory soil excavation and disposal off-site and replacement with satisfactory soil material from off-site, as specified in Section 312000 "Earth Moving."
 - 1. Coordinate quantity allowance adjustment with unit-price requirements in Section 012200 "Unit Prices."
- B. Allowance No. 2: Quantity Allowance: Include 3 tons of additional W, L, or Plate structural steel members to be added during the shop drawing phase.

1. This allowance includes all detailing, fabrication, material and equipment for the erection of additional members.

- C. Allowance No. 3: Quantity Allowance: Include 34 square feet of brick replacement at locations shown on A3.01 and indicated as "(BASE)".**
 1. **Coordinate quantity allowance adjustment with unit-price requirements in Section 012200 "Unit Prices."**

END OF SECTION 012100

- B. Unfaced, Glass-Fiber Blanket Insulation: ASTM C 665, Type I; with maximum flame-spread and smoke-developed indexes of 25 and 50, respectively, per ASTM E 84; passing ASTM E 136 for combustion characteristics.

2.3 COMPOSITE SHEATHING INSULATION BOARD

- A. Coated glass faced rigid polyisocyanurate insulation board factory laminated to a 5/8" fire treated plywood facer. At walls, provide with 3 1/2" thickness of polyisocyanurate insulation board: ASTM C 1289, Type V, passes NFPA 285 with fiber cement siding. At roofs, provide with a ~~5"~~ 3.5" thickness of polyisocyanurate insulation. ***At roofs, provide an additional 2" thick layer of polyisocyanurate insulation board below the composite insulation board to bring the total insulation thickness to 5.5"***. Basis of Design: Carlisle Coatings and Waterproofing "R2+Base".

- 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. Carlisle.
 - b. BaySystems NorthAmerica, LLC.
 - c. Dow Chemical Company (The).
 - d. ERSystems, Inc.
 - e. Gaco Western Inc.
 - f. Henry Company.
 - g. NCFI; Division of Barnhardt Mfg. Co.
 - h. SWD Urethane Company.
 - i. Volatile Free, Inc.

2.4 MINERAL-WOOL BLANKETS AT CURTAIN WALL OPAQUE GLAZING

- A. Mineral-Wool Blanket, Unfaced. ASTM C 665, Type I (blankets without membrane facing); consisting of fibers; with maximum flame-spread and smoke-developed indexes of 25 and 50, respectively, per ASTM E 84; passing ASTM E 136 for combustion characteristics.
- B. Mineral-Wool Blanket, Reinforced-Foil Faced, Foil face is identified as "vapor barrier" in drawings. ASTM C 665, Type III (reflective faced), Class A (faced surface with a flame-spread index of 25 or less per ASTM E 84); Category 1 (membrane is a vapor barrier), faced with foil scrim, foil-scrim kraft, or foil-scrim polyethylene.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Clean substrates of substances that are harmful to insulation or that interfere with insulation attachment.

2.2 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. Cured in Autoclave. Basis of Design: James A Hardie.
 - 1. CertainTeed Corporation
- 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. Horizontal Pattern: 5/16" thick clapboard siding, 6" exposure. Actual overall dimensions of 7 1/4 inch by 0.312 inch. Basis of Design: Hardie Plank Lap Siding by James A Hardie.
- D. Vertical Pattern: Shiplap, smooth-faced. 9" exposed face width. Actual width and thickness of 10.25 inch by 0.625 inch. Basis of Design: Artisan Shiplap Siding by James A Hardie.
- E. Factory Priming: Manufacturer's standard acrylic primer.

2.3 FIBER-CEMENT SOFFIT

- A. General: ASTM C1186, Type A, Grade II, fiber-cement board, noncombustible when tested according to ASTM E136; with a flame-spread index of 25 or less when tested according to ASTM E84. Cured in Autoclave. Basis of Design: James A Hardie.
 - 1. CertainTeed Corporation.
- B. Nominal Thickness: Not less than 5/8 inch.
- C. Pattern: Shiplap, smooth-faced. 9" exposed face width. Actual width and thickness of 10.25 inch by 0.625 inch. Basis of Design: Artisan Shiplap Siding by James A Hardie.
- D. Ventilation: ~~Provide perforated soffit.~~ **Provide perforated PVC vent strip, Fry Reglet FCP-VST75.**
- E. Factory Priming: Manufacturer's standard acrylic primer.

2.4 HIGH DENSITY FIBER-CEMENT

- 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. Air cured. Basis of Design: "Carat Crystal 7010" by Swiss Pearl.
 - 1. Equitone
- 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 1/2 inch (12 mm).
- D. Horizontal Pattern: Boards 5-1/4 inches in plain style.

1. Texture: Smooth

~~E. Factory Priming: Manufacturer's standard acrylic primer.~~

2.5 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.
 1. Provide accessories matching color and texture of adjacent siding unless otherwise indicated.
- B. Decorative Accessories: Provide the following fiber-cement decorative accessories as indicated:
 1. Corner posts.
 2. Door and window casings.
 3. Fascia.
 4. Moldings and trim.
 - a. Thickness: 5/4 nominal. (1 inch actual).
 - b. Lengths: 10-12 ft.
 - c. Widths: 4 to 12 inches as dimensioned on drawings.
 - d. Manufacturer's concealed mounting tabs.
- C. 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 High-performance organic finish
- D. Fasteners:
 1. For fastening to wood, use ribbed bugle-head screws of sufficient length to penetrate a minimum of 1 inch (25 mm) into substrate.
 2. For fastening fiber cement, use hot-dip galvanized fasteners.
 3. Anchoring system for high density fiber cement:
 - a. Concealed anchoring system for façade panels.
 - b. Stainless steel anchor sleeves and bolt with locking ratchsets.
 - c. Basis of design: Keil anchoring system.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates for compliance with requirements for installation tolerances and other conditions affecting performance of fiber-cement siding and soffit and related accessories.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

2.3 ALUMINUM-CLAD HINGED WOOD-FRAMED GLASS DOORS

- A. Basis of Design: Factory assembled Aluminum Clad Commercial Door, as manufactured by Marvin Windows and Doors, Ripley, Tennessee; or equal.
- B. Exterior Surfaces: Aluminum cladding with manufacturer's standard fluoropolymer two-coat system with fluoropolymer color topcoat containing not less than 70 percent polyvinylidene fluoride resin by weight and complying with AAMA 2605.
 - 1. Color: Custom color to match architect's sample.
- C. Interior Surfaces: Manufacturer's standard stain-and-varnish finish.
 - 1. Wood Species: ~~Maple~~ **Pine**
 - 2. Color: As selected by Architect from manufacturer's full range.
- D. Frames and Door Panels: Fabricate from wood components complying with indicated requirements. Provide factory-assembled door panels with standard-profile stiles and factory-assembled frames.
 - 1. Simulated Divided Lites (SDL)
 - a. 5/8" (16mm), 7/8" (22mm), 1 15/16" (49mm), 2 13/32" (61mm) – with or w/out internal spacer bar.
 - b. Exterior muntins: Extruded aluminum 0.055" (1.4mm) thick. Color matched panel aluminum cladding color.
 - c. Interior muntins: Wood and finish interior of door
 - d. Pattern: Rectangular. Custom lite layout
- E. Wood Components: Manufacturer's standard LVL or fine-grained wood lumber complying with AAMA/WDMA/CSA 101/I.S.2/A440; kiln dried to a moisture content of not more than 12 percent at time of fabrication; free of visible finger joints, blue stain, knots, pitch pockets, and surface checks larger than 1/32 inch deep by 2 inches wide; water-repellent preservative treated.
 - 1. Door thickness: 2 1/4".
 - 2. Extruded aluminum cladding: 0.55" thick.
- F. Mullions: Provide mullions and mullion casing and cover plates as shown, matching door units, complete with anchors for support to structure and installation of hinged wood-framed glass door units. Allow for erection tolerances and provide for movement of door units due to thermal expansion and building deflections, as indicated. Provide mullions and cover plates capable of withstanding design loads of door units.
- G. Integral Nailing Fin: Aluminum nailing fins for securing frame to structure; provide sufficient strength to withstand design pressure indicated.
- H. Drip Caps: Extruded aluminum, factory fabricated and finished to match door frame; designed to direct water away from building when installed horizontally at head of hinged wood-framed glass doors.

- I. Threshold: Provide extruded aluminum threshold of thickness, dimensions, and profile indicated; designed to comply with performance requirements indicated and to drain to exterior. Thermal barrier saddle, low profile 0.25” by 8.125” sill.
 - 1. Color: Manufacturer's standard.
 - 2. Low-Profile Threshold: ADA-ABA compliant.

J.

2.4 GLAZING

- A. Glass and Glazing: Insulating Glazing per 088000 Glazing. Manufacturer's standard glazing system that produces weathertight seal.
 - 1. Glass: ASTM C 1036, Type 1, q3, Category II safety glass complying with testing requirements in 16 CFR 1201.
 - 2. Safety Glazing Labeling: Permanently mark safety glazing with certification label of the manufacturer. Label shall indicate manufacturer's name, type of glass, thickness, and safety glazing standard with which glass complies.

2.5 HARDWARE

- A. General: Provide manufacturer's standard hardware, fabricated from a corrosion-resistant material compatible with wood and aluminum cladding complying with AAMA 907; designed to smoothly operate, tightly close, and securely lock hinged wood-framed glass doors and sized to accommodate panel weight and dimensions.
 - 1. Provide hardware listed in sets as being “By door manufacturer” and any other hardware required to meet all specified performance criteria in this section.

2.6 ACCESSORIES

- A. Dividers (False Muntins): Provide divider grilles in designs indicated for each sash lite.
 - 1. Type: Removable from exposed surfaces of interior and permanently located at exterior lite.
 - 2. Material: Interior muntins: ~~Maple~~. **Pine**. Exterior muntins: 0.055” thick extruded aluminum.
 - 3. Pattern: As indicated on Drawings.
 - 4. Profile: As selected by Architect from manufacturer's full range.
 - 5. Color: Exterior muntins: match exterior cladding color. Interior muntins: match stain and sealer of interior wood frame.
- B. Fasteners: Noncorrosive and compatible with door members, trim, hardware, anchors, and other components.
 - 1. Exposed Fasteners: Do not use exposed fasteners to the greatest extent possible. For application of hardware, use fasteners that match finish hardware being fastened.

- c. L-Bead: L-shaped; exposed long flange receives joint compound.
- d. Expansion (control) joint.
- e. Curved-Edge Cornerbead: With notched or flexible flanges.
- f. ***Curved reveal bead: Fry Reglet DRMZ -50-25 Custom-curved by factory.***

2.7 JOINT TREATMENT MATERIALS

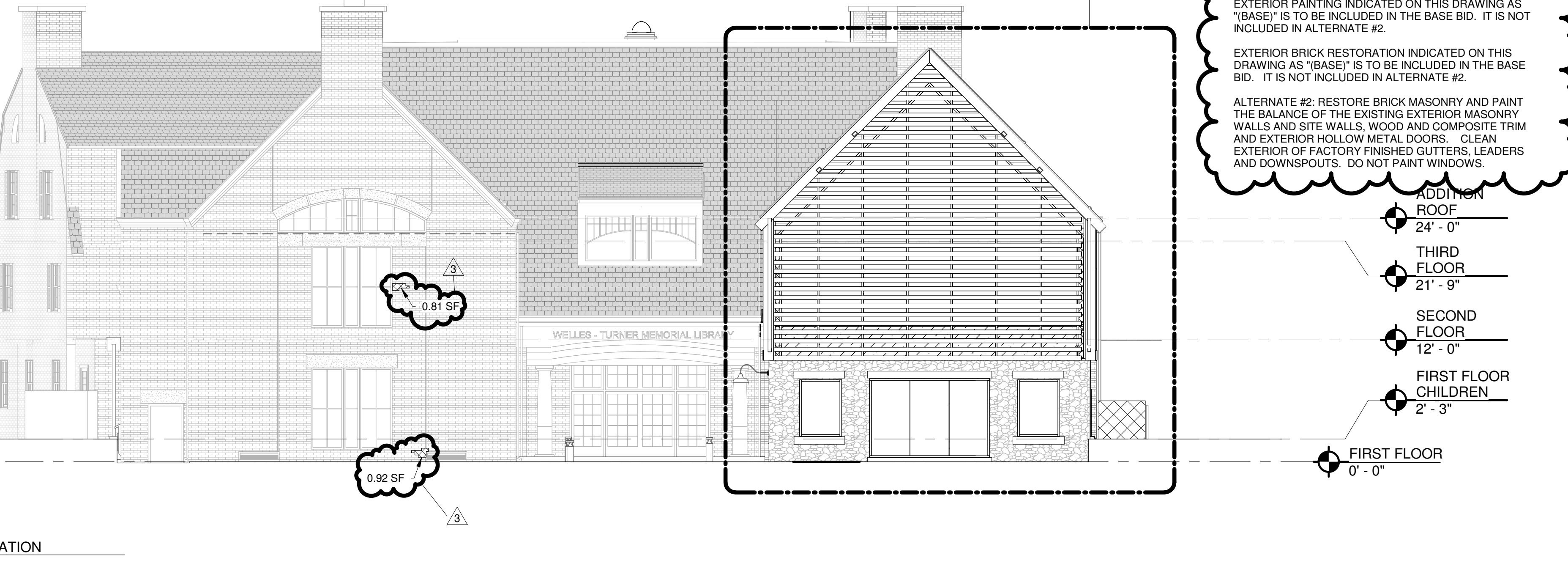
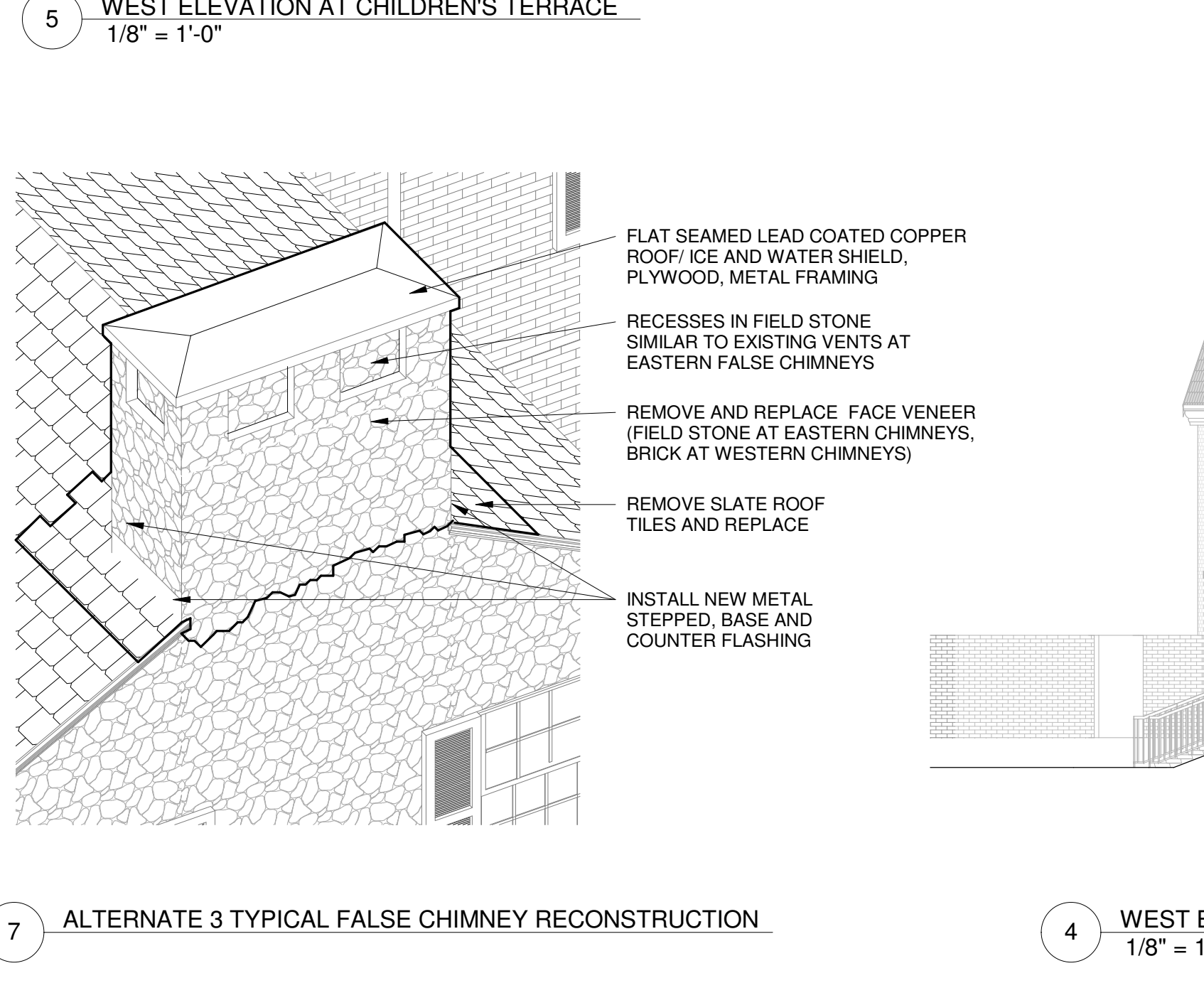
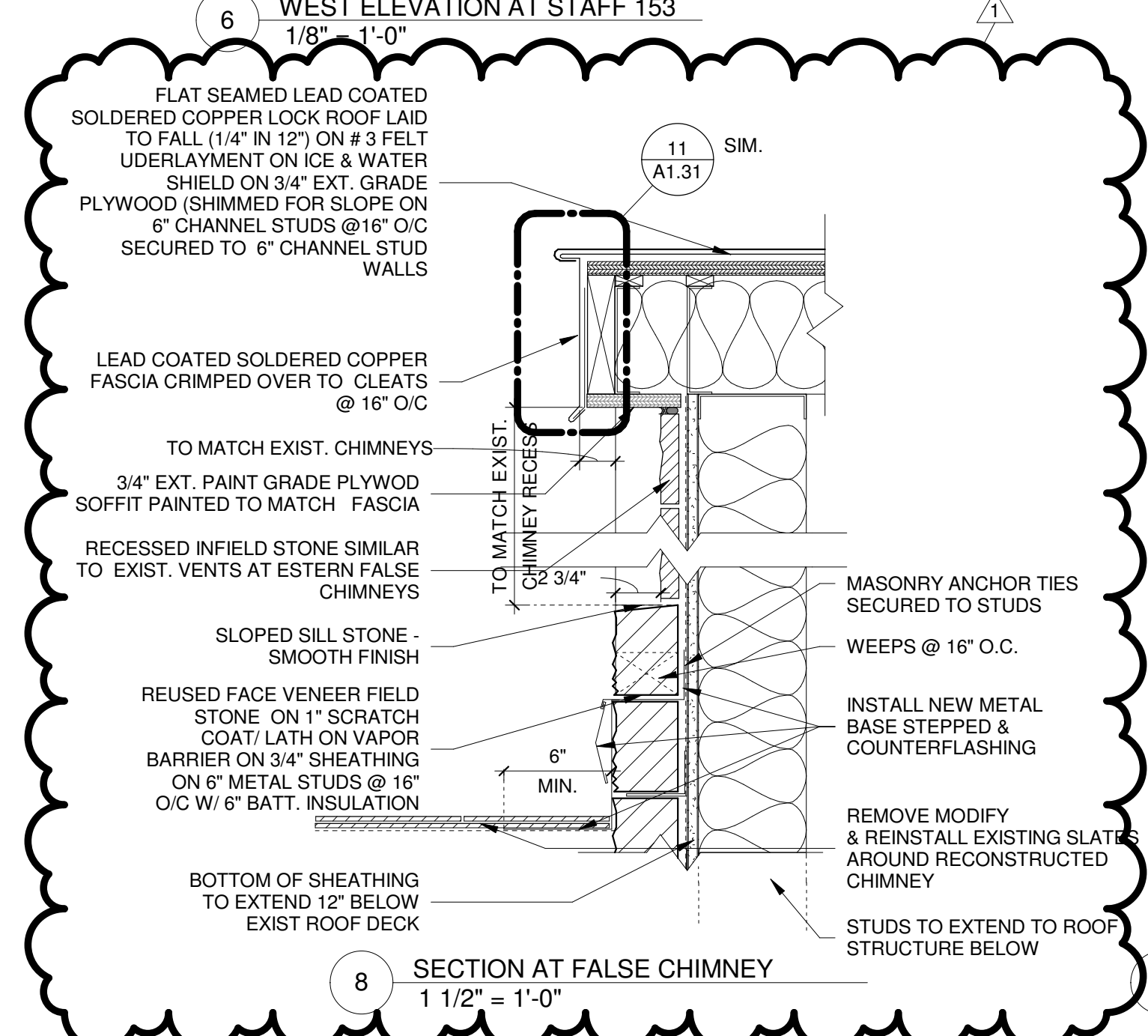
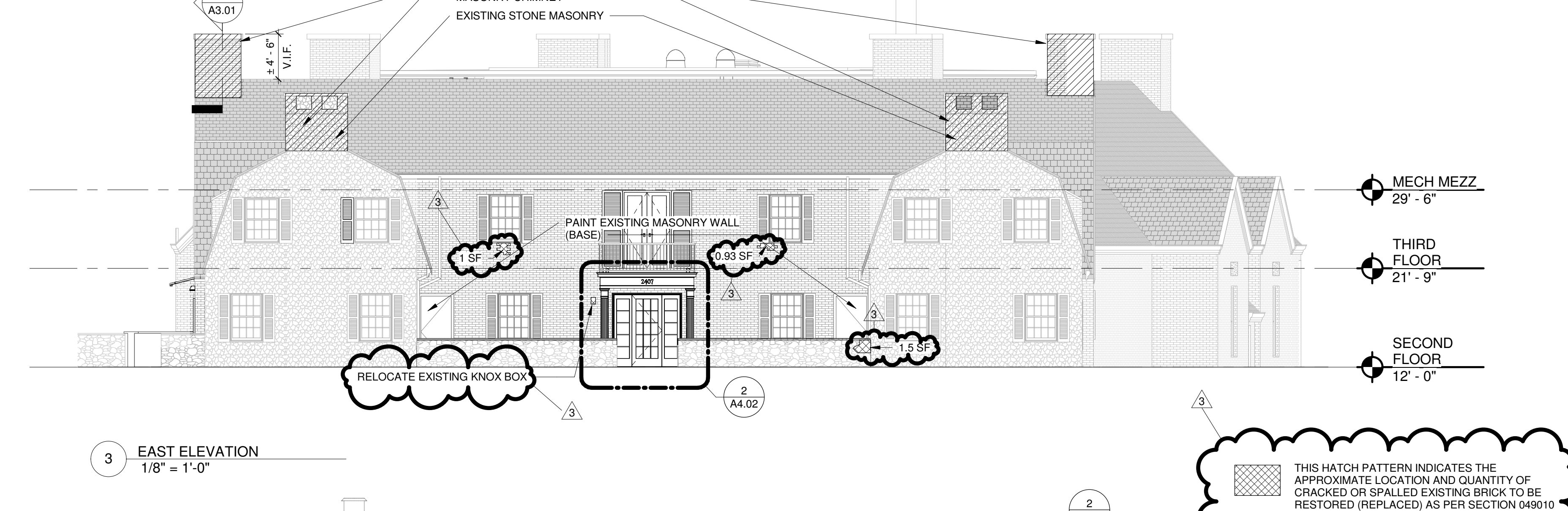
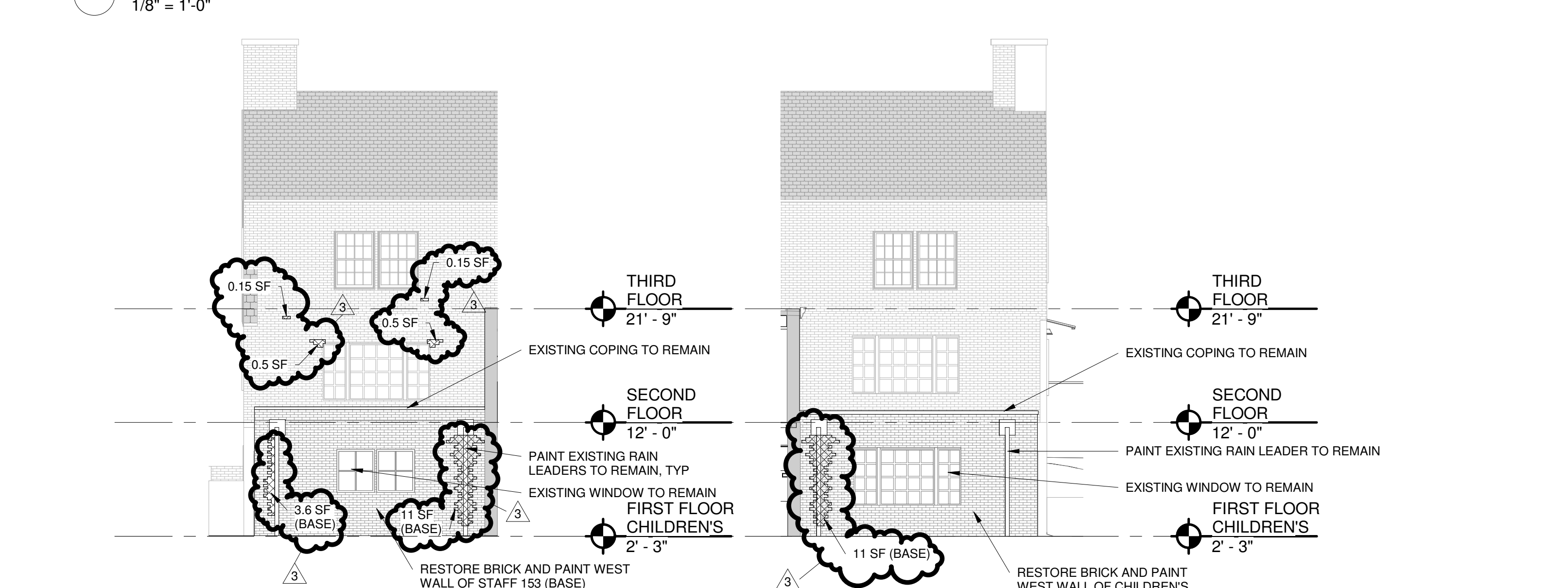
- A. General: Comply with ASTM C 475/C 475M.
- B. Joint Tape:
 - 1. Interior Gypsum Board: Paper.
 - 2. Exterior Gypsum Soffit Board: Paper.
 - 3. Glass-Mat Gypsum Sheathing Board: 10-by-10 glass mesh.
 - 4. Tile Backing Panels: As recommended by panel manufacturer.
- C. Joint Compound for Interior Gypsum Board: For each coat use formulation that is compatible with other compounds applied on previous or for successive coats.
 - 1. Prefilling: At open joints and damaged surface areas, use setting-type taping compound.
 - 2. Embedding and First Coat: For embedding tape and first coat on joints, fasteners, and trim flanges, use drying-type, all-purpose compound.
 - a. Use setting-type compound for installing paper-faced metal trim accessories.
 - 3. Fill Coat: For second coat, use drying-type, all-purpose compound.
 - 4. Finish Coat: For third coat, use drying-type, all-purpose compound.
- D. Joint Compound for Tile Backing Panels:
 - 1. Glass-Mat, Water-Resistant Backing Panel: As recommended by backing panel manufacturer.
 - 2. Cementitious Backer Units: As recommended by backer unit manufacturer.
 - 3. Water-Resistant Gypsum Backing Board: Use setting-type taping compound and setting-type, sandable topping compound.

2.8 AUXILIARY MATERIALS

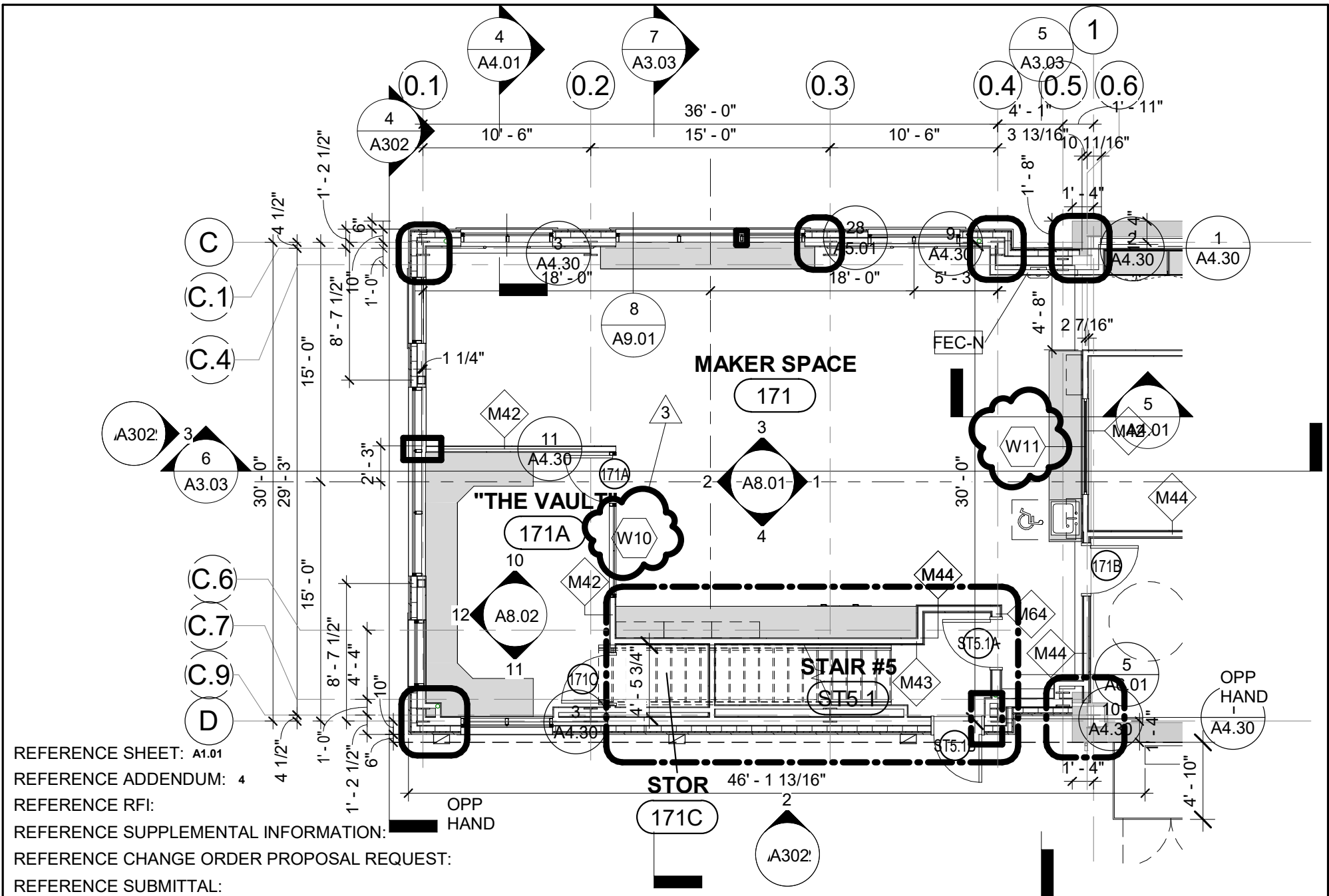
- A. General: Provide auxiliary materials that comply with referenced installation standards and manufacturer's written recommendations.
- B. Laminating Adhesive: Adhesive or joint compound recommended for directly adhering gypsum panels to continuous substrate.
 - 1. Laminating adhesive shall comply with the testing and product requirements of the California Department of Health Services' "Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers."
- C. Steel Drill Screws: ASTM C 1002, unless otherwise indicated.

GLAST. BID NO.	GL-2020-19
PROJ. NO.	190101
SCALE	As indicated
DATE	6.1.2020
DRAWN BY	PM
APPROVED BY	Approver

ISSUE DATES		
NO.	DATE	PURPOSE
1	9/24/2019	ADDENDUM #1
3	10/12/2020	ADDENDUM #3



10/9/2020 10:30:57 AM C:\Users\Baylor.TSKP\Documents\190101\Glastonbury Library_Central_2019_jjay@tskp.com.rvt



REFERENCE SHEET: A1.01

REFERENCE ADDENDUM: 4

REFERENCE RFI:

REFERENCE SUPPLEMENTAL INFORMATION:

REFERENCE CHANGE ORDER PROPOSAL REQUEST:

REFERENCE SUBMITTAL:

**TSKP
STUDIO**

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GLASTONBURY WELLES TURNER LIBRARY

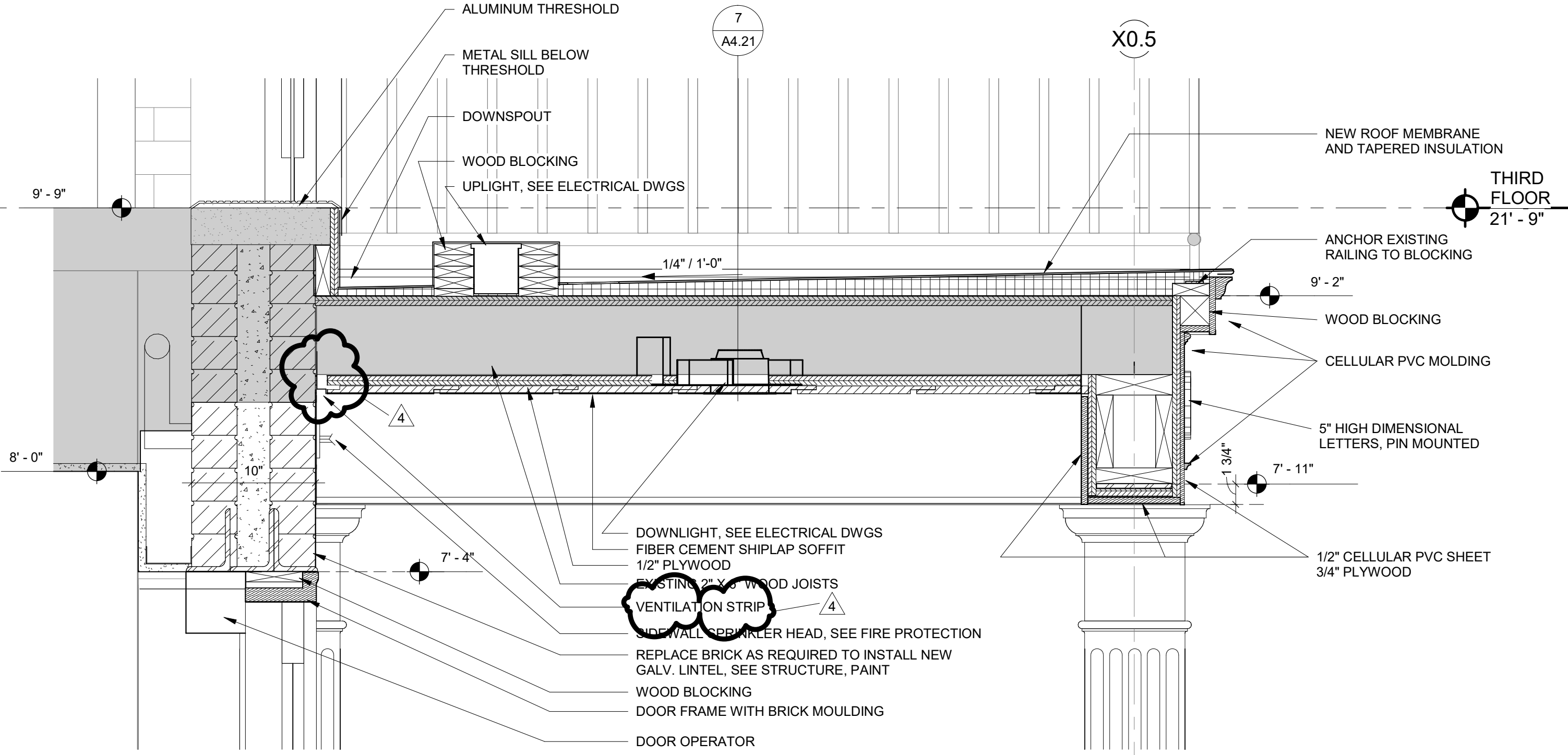
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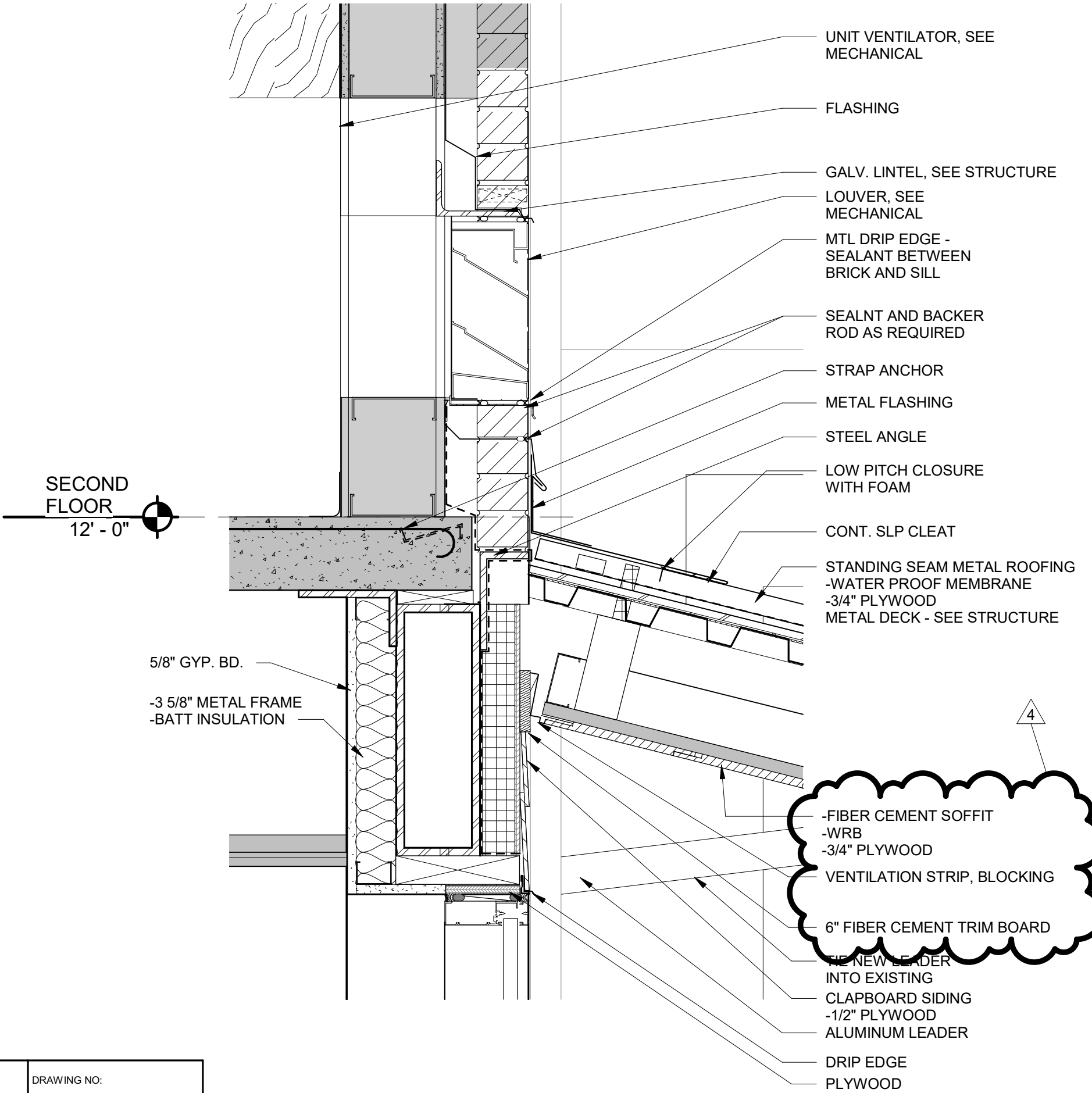
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Author

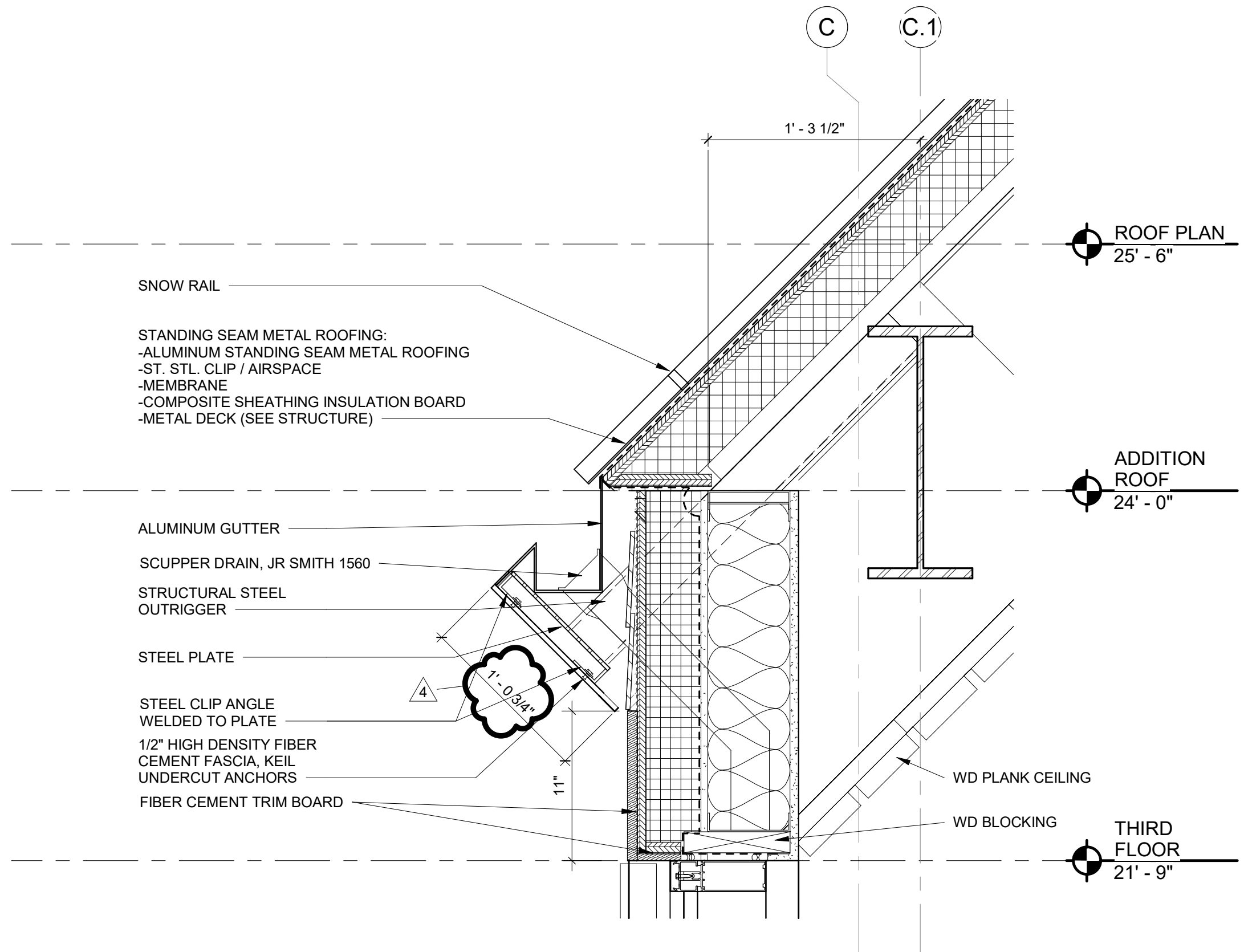
TITLE:
FIRST FLOOR PLAN

DRAWING NO:
SKA-008



1 MAIN ST CANOPY SECTION
 1 1/2" = 1'-0"





1 NORTH WALL SECTION DETAIL AT EAVE
 1 1/2" = 1'-0"

TSKP STUDIO One Hartford Square West 146 Wyllys Street, Bldg 1-203 Hartford, CT 06106 • 860.547.1970	JOB NAME / NUMBER: GLASTONBURY WELLES TURNER LIBRARY		TITLE: ADDENDUM #4	DRAWING NO: SKA-011
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	DATE: 10/09/20	PREPARED BY: Author		