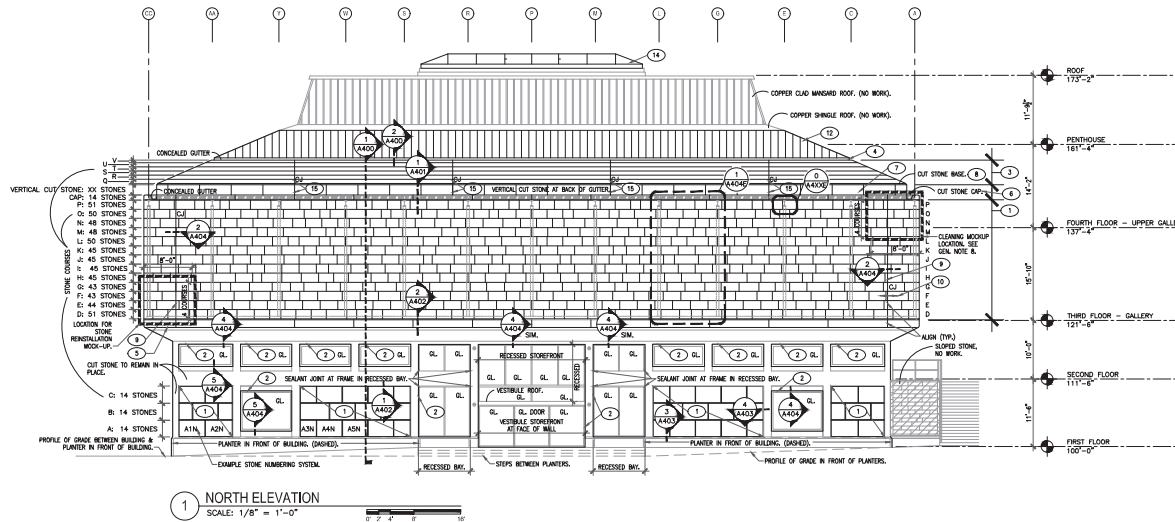
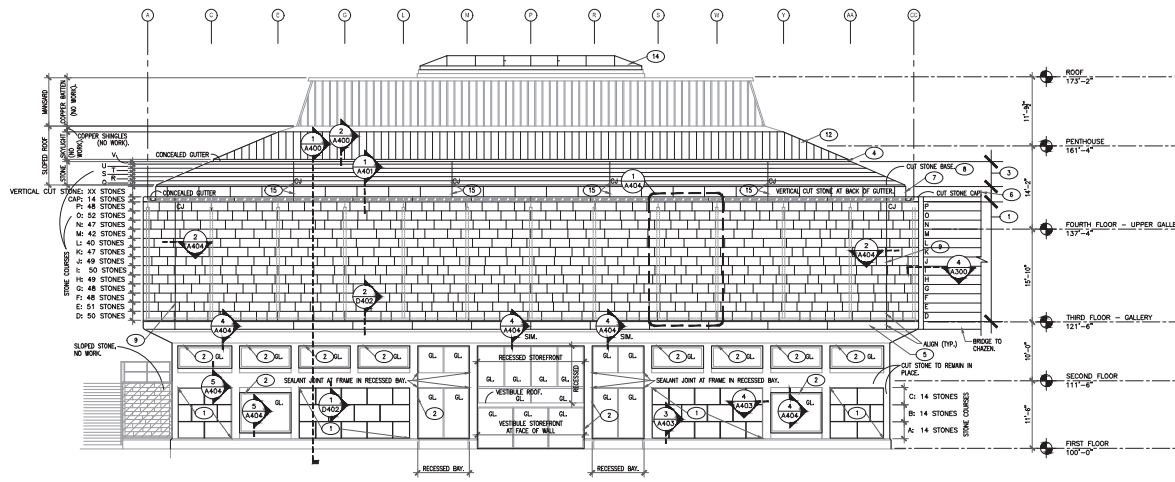


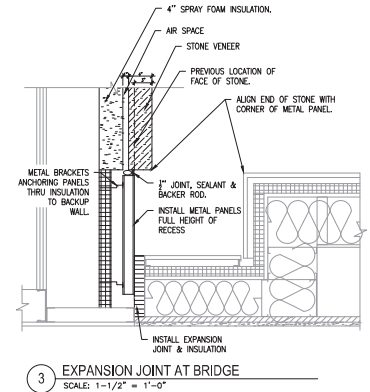
# Overview of Structure



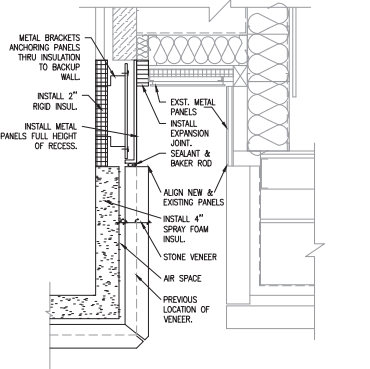
1 NORTH ELEVATION  
SCALE: 1/8" = 1'-0"



2 SOUTH ELEVATION  
SCALE: 1/8" = 1'-0"



3 EXPANSION JOINT AT BRIDGE  
SCALE: 1-1/2\"/>



4 EXPANSION JOINT AT BRIDGE  
SCALE: 1-1/2\"/>

- KEYNOTES**  
THESE NOTES APPLY TO ALL ELEVATION SELECTIVE ARCHITECTURAL SHEETS, BUT NOT ALL NOTES WILL BE USED ON EACH SHEET.
- INSTALL 4" THICK REFERENCE STONE 4" THICK ROCK INSULATION.
  - INSTALL BACKUP ROD AND SEALANT AT WINDOW OR DOOR FRAME TO WALL JOINT, ENTIRE PERIMETER OF FRAME.
  - INSTALL 2" THICK REFERENCE STONE OVER DRAINAGE BOARD, PROTECTION BOARD, GUT-ANCHORING WEATHERPROOFING & INSULATION PER DETAIL 1 & 2/ANODE AND 1 & 2/ANODE.
  - INSTALL CONCEALED COPPER GUTTER, WOOD BLOCKING AND INSULATION PER THE STONES.
  - INSTALL OUT STONE AT BOTTOM OF REDFACE STONE.
  - REINSTALL EXISTING OUT STONE CAP.
  - REINSTALL VERTICAL CUT STONE UNITS AT BACK OF COPPER GUTTER.
  - INSTALL CUT STONE AT BOTTOM OF REDFACE STONE.
  - INSTALL 2" WIDE CONTROL JOINT IN STONE MASONRY, ALIGN WITH VERTICAL JOINT IN CUT STONE ABOVE AND BELOW REDFACE STONE. USE STONES AS NECESSARY ALONG CONTROL JOINTS TO MINIMIZE THE SIZE OF THE SMALLEST UNITS CREATED BY INSTALLING THE CONTROL JOINT.
  - THIS DOUBLE ARROW SYMBOL SHOWS AN EXAMPLE OF HOW UNITS SHOULD BE PLACED TO OBTAIN THE LARGEST POSSIBLE STONE UNITS AT CONTROL JOINTS. THIS SYMBOL DOES NOT REPRESENT AN ACTUAL LOCATION BECAUSE THESE DRAWINGS DO NOT SHOW THE EXACT SIZE OR SHAPES OF THE EXISTING STONES. THIS NOTE IS INTENDED TO CLARIFY KEYNOTE 9, ABOVE.
  - REINSTALL EXISTING LADDER SECTION, PROVIDE NEW EPOXY ANCHORED BOLTS AT EACH EXISTING ANCHORAGE BRACKET ON LADDER, PREP & PAINT LADDER.
  - INSTALL SLOPED SKYLIGHTS.
  - INSTALL COPPER SHINGLES IN PLACE OF COPPER SHINGLES REMOVED.
  - INSTALL (6) HIPPED SKYLIGHTS AND ASSOCIATED METAL FLASHINGS.
  - ALIGN NEW CONTROL JOINT WITH EXISTING JOINT IN CUT STONE, CONVERT JOINT IN CUT STONE TO CONTROL JOINT (SEALANT JOINT, NOT MORTAR JOINT).

- GENERAL NOTES**
- SEE CODE FOR ACCESS NOTES, DUST CONTROL NOTES AND SERVICE SHUT DOWN NOTES.
  - STONE SHOWN ON THE BUILDING ELEVATIONS IS REPRESENTATIONAL, THE STONE PILES WERE COUNTED ON SITE, BUT EACH INDIVIDUAL STONE HAS NOT BEEN EXPLORED AS IT EXISTS ON THE WALLS.
  - STONE SHOWN ON THE ROOF PLAN IS REPRESENTATIONAL. QUANTITIES SHOWN WERE OBTAINED FROM AERIAL PHOTOS OF THE BUILDING BUT EACH INDIVIDUAL STONE HAS NOT BEEN EXPLORED AS IT EXISTS ON THE ROOF.
  - THE CONTRACTOR IS TO FIELD VERIFY QUANTITIES PRIOR TO THE START OF CONSTRUCTION.
  - ALL STONE IS TO BE CLEANED USING THE METHOD IN THE SPECIFICATION SECTION 04.30 AFTER IT HAS BEEN RENEWABLE ON THE BUILDING, USE ONE OR BOTH OF THE CLEANING METHODS IN THE SPECIFICATION AS REQUIRED TO REMOVE DIRT, WAX, MOLD OR OTHER ORGANIC STAINING.
  - MASONRY JOINTS IN STONE MASONRY THAT IS RENEWABLE ARE TO MATCH THE ORIGINAL WORK OF THE EXISTING JOINTS.
  - STONE INSTALLATION MOCK-UPS TO SHOW INSTALLATION OF NEW MATERIALS DOWN TO EXISTING SUBSTRATES AND SHALL INCLUDE STONE, INSULATION, WOOD/AIR BARRIER, PROTECTION BOARD, DRAINAGE MAT AND WEATHERING.

ARCHITECTURE  
INTERIORS  
LIGHTING

mcgowan  
1415 HUNTER DRIVE, SUITE 200  
MADISON, WISCONSIN 53703  
WWW.MCGOWANARCHITECTS.COM  
(608) 263-7671

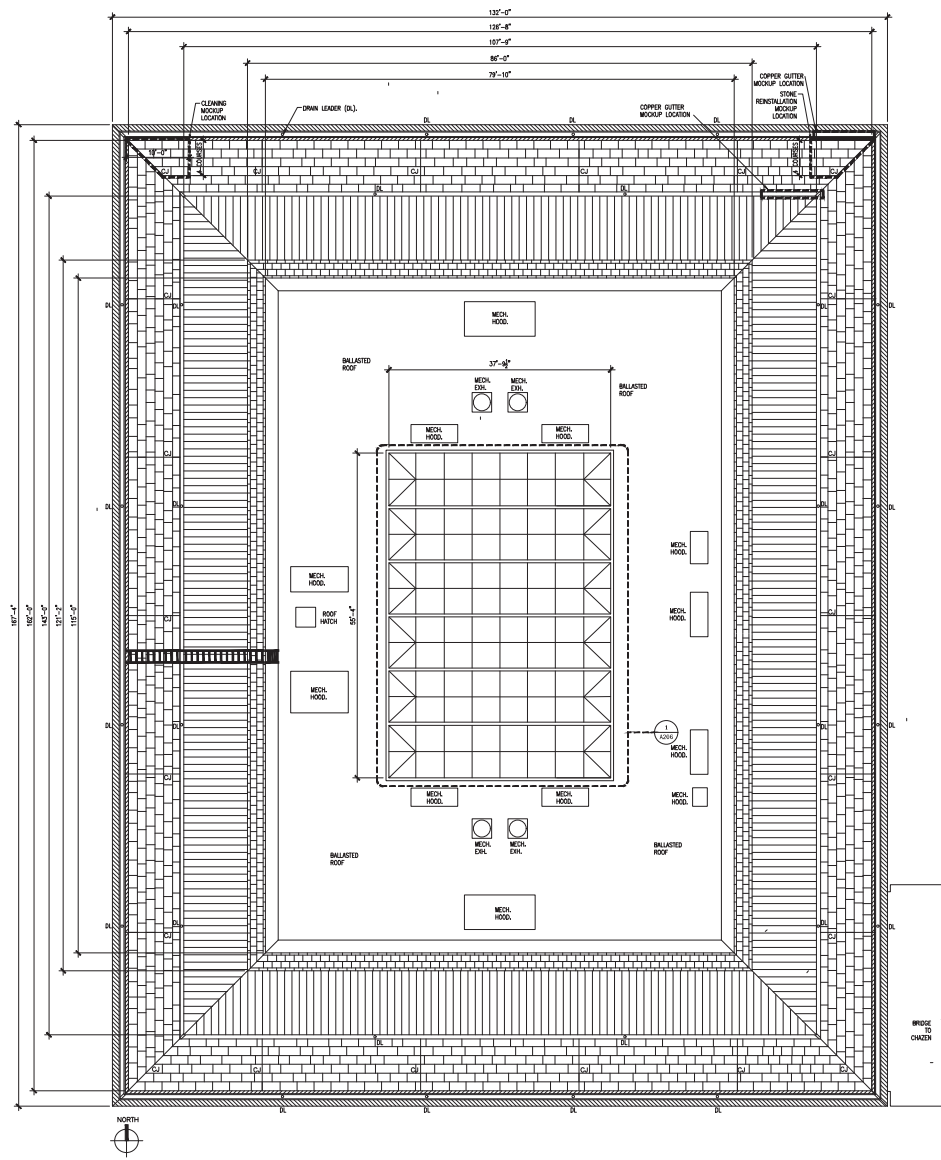
The Board of Regents of the  
University of Wisconsin on behalf of  
the University of Wisconsin - Madison

910 UNIVERSITY AVENUE  
MADISON, WISCONSIN  
NORTH AND SOUTH ELEVATIONS

ELVEHEJEM BUILDING ENVELOPE RENOVATION

Revision	No.	Date	By	Description
	001	10/20/23	BR/ROCKWELL	

Client: U  
Scale:  
UNSW, Number: A-22-001  
M3N Number: 0544-0214  
Est Type: CD  
Date Issued: 02/24/2023  
Sheet Number: A300



1 ROOF ABATEMENT PLAN  
SCALE: 1/8" = 1'-0"

GENERAL NOTES

- UNLESS OTHERWISE NOTED, EXISTING TAR OR RUBBER ROOFING MATERIALS, GULLIES, DRAIN FOOTING AND ASPHALTIC MATERIALS, SEAMENTS, METSES AND WINDOW GLAZING COMPONENTS ARE ASSUMED TO CONTAIN ASBESTOS. UNLESS OTHERWISE NOTED, THE REMOVAL OF THESE MATERIALS AS REQUIRED, IS THE RESPONSIBILITY OF THE ASBESTOS ABATEMENT CONTRACTOR. REMEDIATION SHALL BE DONE IN ACCORDANCE WITH 195 159 ASBESTOS CERTIFICATION AND TRAINING.
- A MAJOR ASBESTOS ABATEMENT PROJECT WAS COMPLETED WITHIN THIS BUILDING IN THE EARLY 1990'S. THIS PROJECT INVOLVED THE REMOVAL OF ASBESTOS CONTAINING SPRAY APPLIED FIREPROOFING FROM THE STRUCTURE.
- SOME RESIDUAL ACM FROM THIS ABATEMENT PROJECT MAY EXIST AROUND THE STRUCTURAL STEEL ASSOCIATED OR AROUND THE ROOF STRUCTURE AND/OR BALLASTS. IF THIS MATERIAL IS ENCOUNTERED AND IS TO BE REMOVED IT MUST BE REMOVED BY AN ASBESTOS ABATEMENT CONTRACTOR IN ACCORDANCE WITH 195 159 AND 195 442. THE ASBESTOS ABATEMENT CONTRACTOR WILL REQUIRE STOP WORKSHEETS OF THE EMPLOYEE WORKSPACE DURING THE ASBESTOS ABATEMENT SCHEDULE.
- REFER TO ARCHITECTURAL DEMOLITION DRAWING 0205 THAT SPECIFIES WHICH MATERIALS ARE NEW AND WHICH MATERIALS ARE EXISTING THAT ARE TO BE SALVAGED.
- REMOVAL OF EXISTING UTILITIES FOR ASBESTOS ABATEMENT WORK SHALL BE THE RESPONSIBILITY OF THE GENERAL PRIME CONTRACTOR.
- THE CONSTRUCTION OF THE ASBESTOS ABATEMENT CONTAINMENTS, IF MEANS WILL USE 4 MIL LEAD LINER REQUIREMENT FULFILLMENT IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 02 82 13 AND MPA 041 SHIPPED TO.
- THE ASBESTOS ABATEMENT CONTRACTOR SHALL BE A SUBCONTRACTOR TO THE GENERAL PRIME CONTRACTOR. THE ASBESTOS ABATEMENT CONTRACTOR'S COSTS ARE TO BE PAID BY THE GENERAL PRIME CONTRACTOR'S BID.



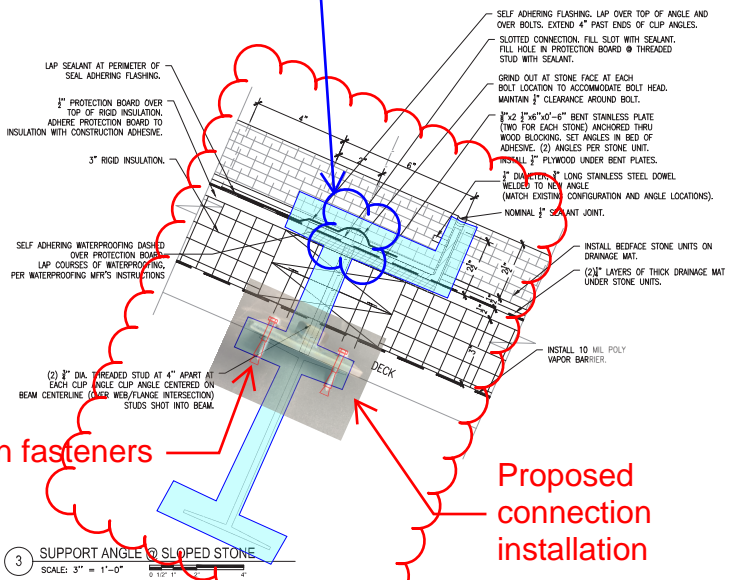
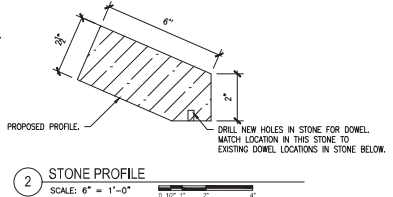
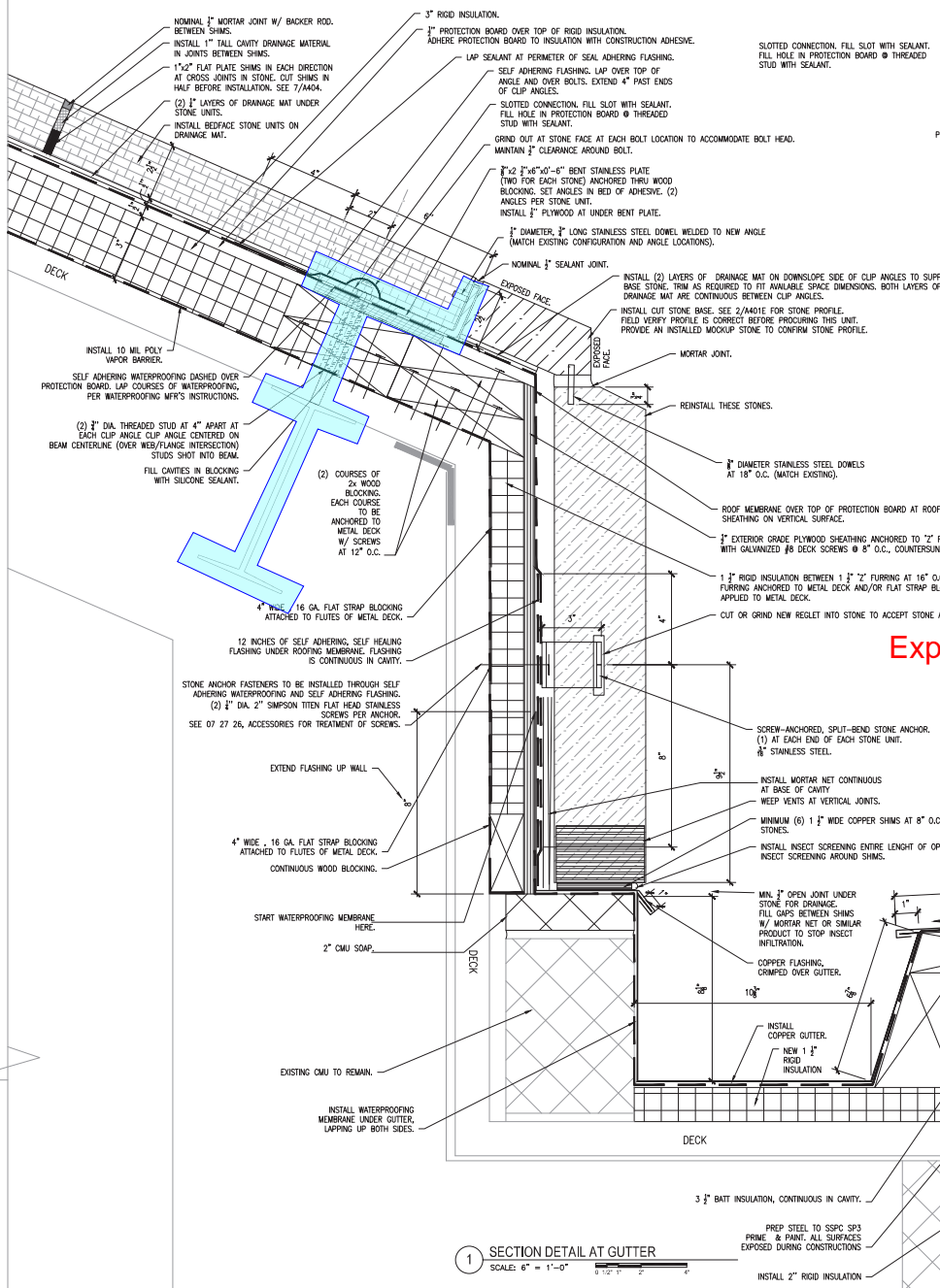
1181 W. NORTH AVE. SUITE 200  
WILSON, WI 53190  
(262) 227-0722

The Board of Regents of the  
University of Wisconsin on behalf of  
the University of Wisconsin - Madison  
Office: University of Wisconsin - Madison  
880 University Ave. Madison, WI 53726

ELVEHJEM BUILDING ENVELOPE RENOVATION  
UNIVERSITY OF WISCONSIN  
University of Wisconsin - Madison  
Madison, Wisconsin  
ROOF ABATEMENT PLAN

Revisions:			
No.	Date	By	Description

Graphic Scale	
UNSW Number	A-22-001
MSN Number	0544-2214
Stat Type	CD
Date Issued	2/24/2023
Sheet Number	H005



Striving to derive a countersunk bolt connection to aid roof waterproofing efforts

Expansion fasteners

Proposed connection installation

ARCHITECTURE INTERIORS LIGHTING

**mcgowan**  
1400 UNIVERSITY AVENUE, SUITE 200  
MADISON, WISCONSIN 53706  
(608) 263-7771

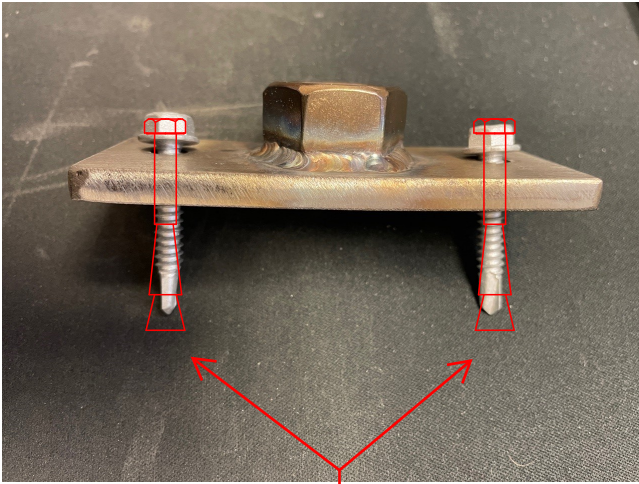
The Board of Regents of the University of Wisconsin on behalf of the University of Wisconsin - Madison  
Center for Architecture and Building  
800 University Ave., Madison, WI 53726

**ELVEHEIM BUILDING ENVELOPE RENOVATION**  
410 UNIVERSITY AVENUE  
MADISON, WISCONSIN

Revision	No.	Date	By	Description
	01	10/20/23	HW	ISSUED FOR PERMIT

Client: UW-Madison  
UWVA Number: A-22-001  
M3N Number: 0544-2214  
Est Type: CD  
Date Issued: 02/24/2023  
Sheet Number: **A401**

# Contractor proposed assembly



Hilti product  
assistance



# Original RFI

## Request For Information

2/8/24

0544-2214 / A-22-001 Elvehjem Building Envelope Renovation

### Building Restoration Corporation

RFI No. 15

Submitted By: Ben Nelson (Building Restoration Corporation)

Related To: RFI #4

#### Description:

Please provide detail on anchorage, spacing, and location of the belt plate supports for the 1<sup>st</sup> and 4<sup>th</sup> courses of sloped stone. The spacing between the C-channel and the I-beam measures ~3/4". Some anchors will not line up with the flanges in the steel deck.

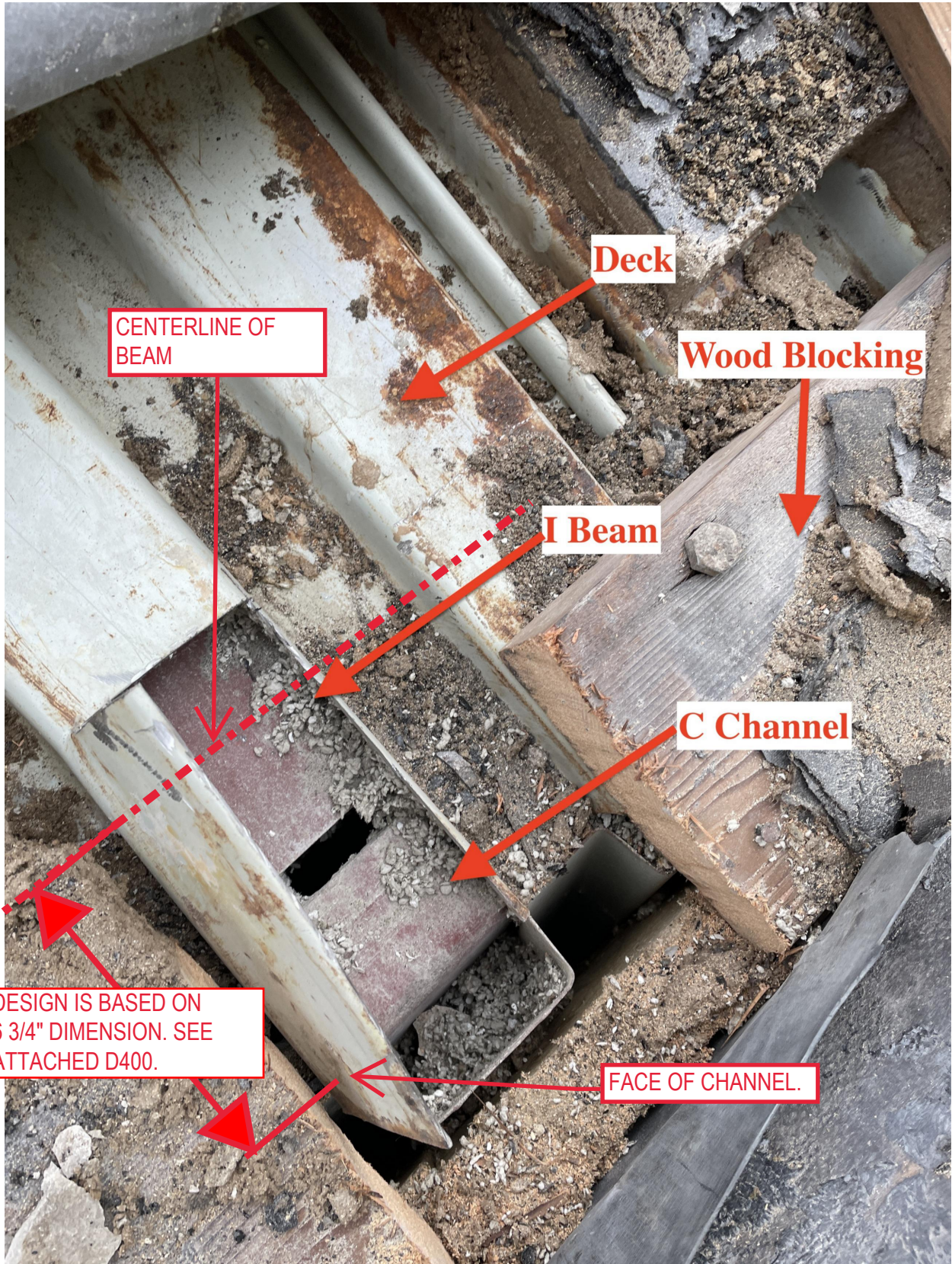
Drawing/Spec. Ref.: A401 - Details 1, 2

Magnitude of Costs: Unknown

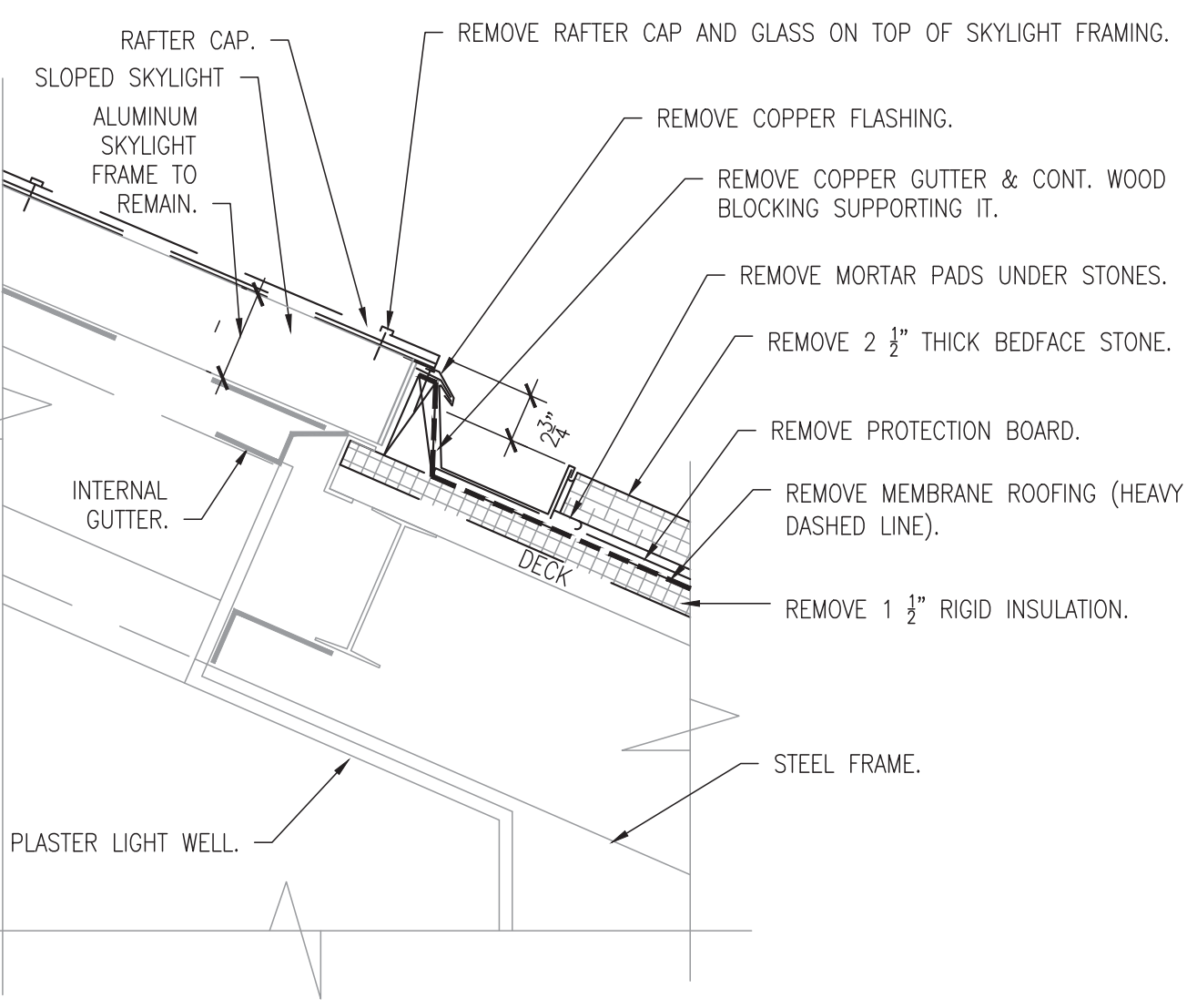
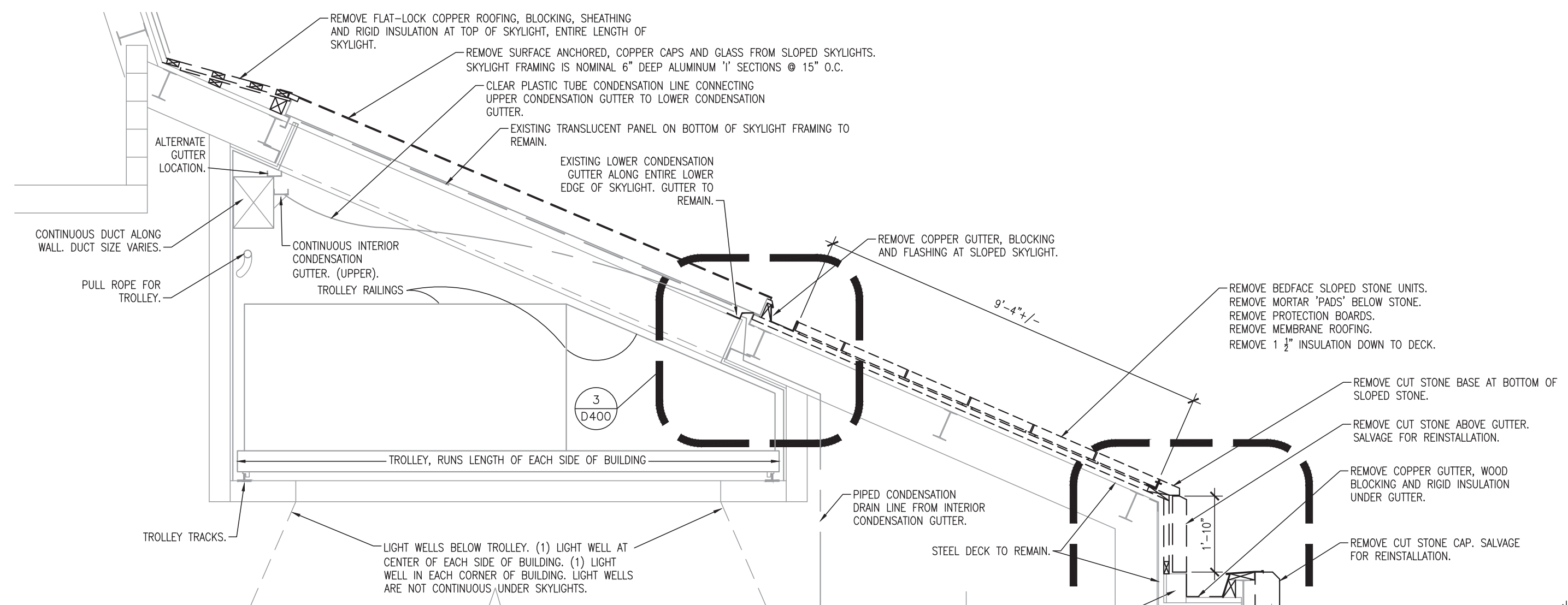
Attachments: Photo of existing condition

#### Architect / Engineer Response:

SEE ATTACHED SHEET A205 FOR ANGLE LOCATION AND SPACING. THE DETAIL IS STILL TO STUD WELD THE STUDS TO THE TOP FLANGE OF THE BEAMS AT THE BEAM CENTERLINE. DECK MAY NEED TO BE CUT AWAY TO ALLOW STUD WELDING TO THE BEAM BELOW IT. THE ROOF WILL NEED TO BE OPENED UP TO DETERMINE THE LOCATION OF THE UPPER BEAM. STONE MAY NEED TO BE TEMPORARILY LAID ON THE ROOF TO DETERMINE IF THERE NEEDS TO BE ANY ADJUSTMENTS TO THE BENT PLATE THAT IS ANCHORED TO THE BEAM FLANGES.



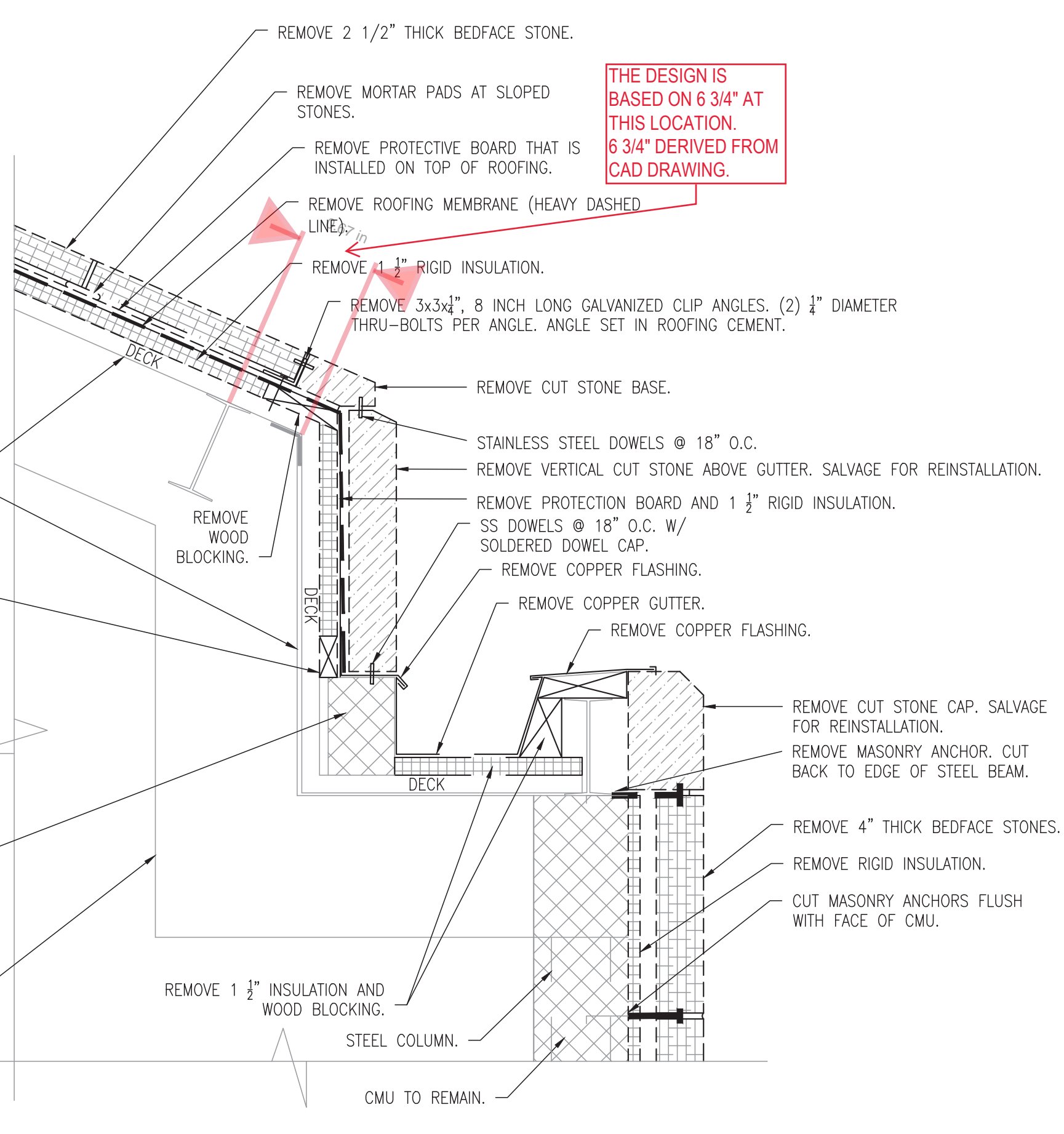
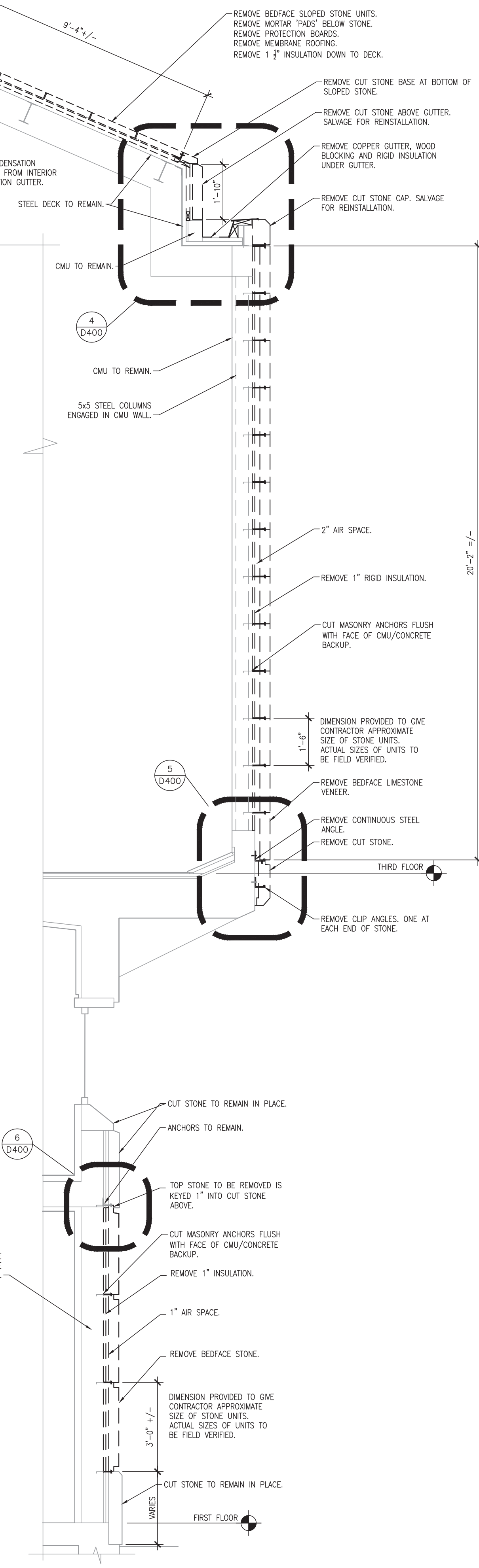




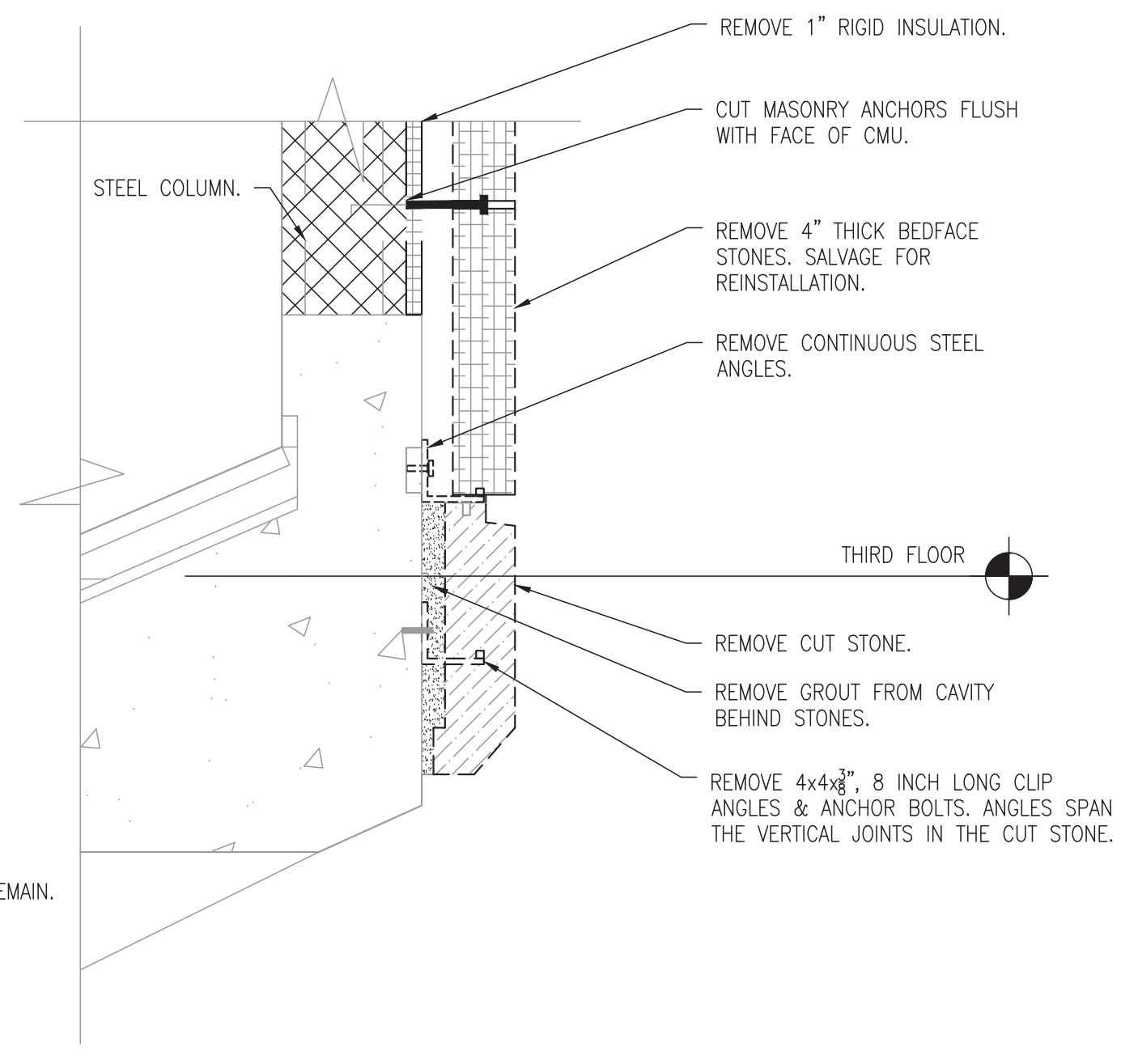
3 COPPER GUTTER - REMOVAL  
SCALE: 1 1/2" = 1'-0" 0 2' 4' 8' 1'-4"

2 NOT USED

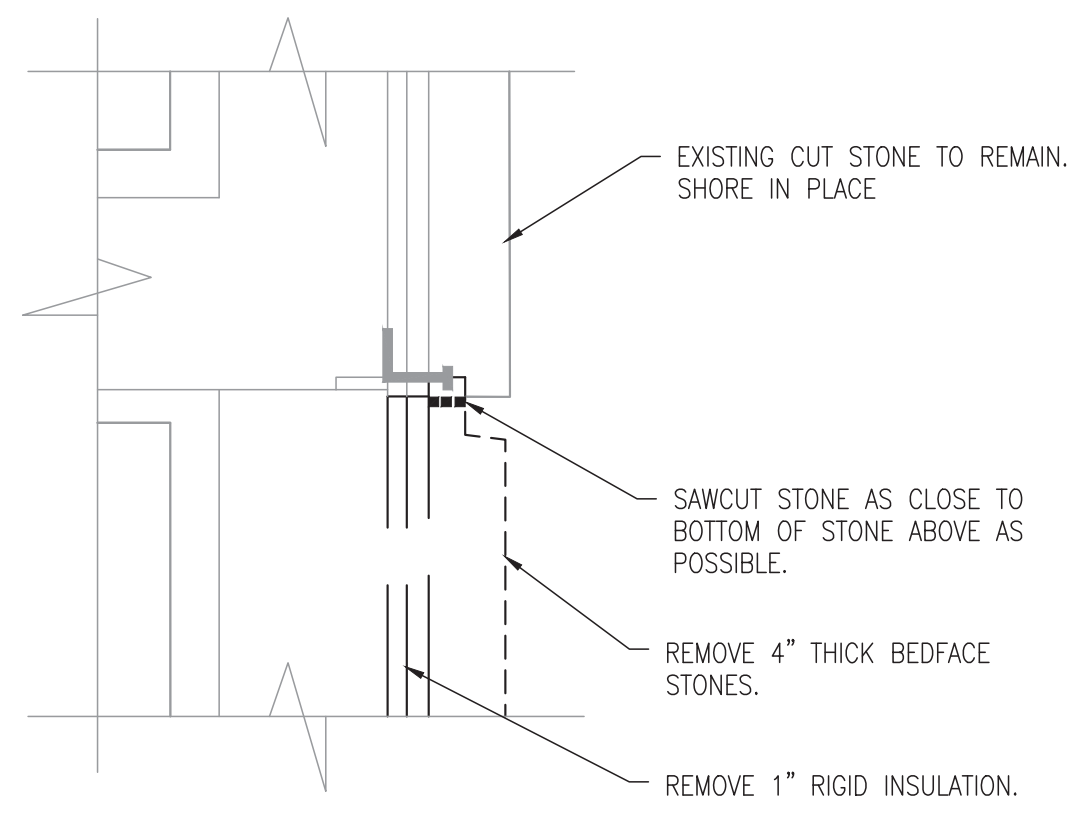
1 PARTIAL WALL SECTION  
SCALE: 1/2" = 1'-0" 0 6' 1' 2' 4'



4 COPPER GUTTER - REMOVAL  
SCALE: 1 1/2" = 1'-0" 0 2' 4' 8' 1'-4"



5 STONE - REMOVAL  
SCALE: 1 1/2" = 1'-0" 0 2' 4' 8' 1'-4"



6 STONE - REMOVAL  
SCALE: 1 1/2" = 1'-0" 0 2' 4' 8' 1'-4"

THE DESIGN IS BASED ON 6 3/4" AT THIS LOCATION. 6 3/4" DERIVED FROM CAD DRAWING.

No.	Date	By	Description
BD	10/26/22		BD DOCUMENTS

Graphic Scale	
LWSA Number	A-22-001
MSN Number	0544-2214
Set Type	CD
Date Issued	02/24/2023
Sheet Number	D400