

ADDENDUM TO
SPECIFICATIONS ENTITLED
"Reroofing Construction Project
At USC Old Observatory Building"
DATED July 2020

ADDENDUM NO. 1

August 19, 2020

The Specifications and Drawings contained in the project manual "Reroofing Construction Project at USC Old Observatory Building" and dated July 2020 are amended as follows:

See attached sheet for record of conference call meeting attendants.

1. PRE-BID DISCUSSION

- All attendees were advised that a roster of the participants in the pre-bid conference call will be kept and distributed by USC to all attendees.
- Mr. Dale Branham introduced himself, attending USC staff and Shepard & Associates and discussed project site location.
- Mr. Branham directed everyone's attention to the COVID-19 Construction Site Guidelines.
- Mr. Branham announced that the building would be un-occupied throughout the course of this project. He addressed specific restrictions for work taking place on the south main entrance to the building that faces the Horseshoe. This area will need to have temporary fencing with privacy fabric installed around the perimeter.
- Mr. Branham announced that the sidewalk on the north side of the building location will be the only access to the work. He also stated that the material storage and contractor parking area will need to have temporary fencing with privacy fabric installed around the perimeter. Contractor must obtain a minimum of 6 parking spaces on Pendleton street adjacent to the site. Pedestrian and vehicular traffic on the north side must be cleared with the City of Columbia.
- The University of South Carolina is a tobacco free campus. Absolutely no tobacco products are to be used while on campus.
- Ms. Hatice Hikmet discussed the specification front end documents and general requirements for the subject project.
- Ms. Hikmet announced that the bid opening date is Thursday, August 27, 2020 at 10:00am. Bids may be mailed to or dropped off at USC, 1600 Hampton Street, Suite 606, Columbia, SC 29208. Bids will be opened via Conference Call at 800-753-1965 Access Code 777-7162.
- All bids submitted are to be good for a period of no less than 60 days.
- Liquidated damages will be assessed against final payment in the amount of \$200.00 per day for every calendar day that final completion exceeds the established project end date.

- Mr. Ty Russell reviewed the Hazmat survey which is included in the project specifications after SECTION 01010 SUMMARY OF ROOFING WORK as Exhibit A – Hazmat Exec Summary in the. There will be no Asbestos Containing Material (ACM) removal included in the Base Bid work.
 - The ceilings where access panels are to be installed contain ACBM and lead paint. Removals of this material will be performed by the USC staff prior to the work of this contract being performed.
- Mr. Dale Branham stated that the successful low contractor will be required to submit a safety plan for the project. The safety plan is to be included in the pre-work submittal package.
- Mr. Blount Shepard discussed the project existing conditions, removals, preparation requirements and installations of new materials during a review of the project specifications and drawings.
- The Bid Form was reviewed, and announcement made that all blanks on the form must be filled in by the Contractor.
- Bidders were informed that the Unit Price quantities expressed in the Bid Documents are to be included in the Base Bid price.
- The Owner wishes to have the project begin within 14 days after the Notice to Proceed and completed in a timely manner. The project must be substantially complete within 60 calendar days from the date of commencement.
- The Contractor will provide equipment for access to the roof. The Contractor will have limited access to the interior of the building during the course of the project to install ceiling view panels.
- There will be a requirement at the end of the project for the successful bidder to provide an Asbestos Free Warranty for all work at all location under this contract.
- There will be a requirement at the end of the project for the successful bidder to provide a 7-year workmanship warranty.

2. SITE VISITS

- On Thursday August 13, 2020, Dale Branham, USC, and Adam Warren, S&A, met the following contractors on the building site: Randy Eddington (Waynco) – 9:00 AM; Kevin Nunnery (Nunnery Roofing) – 9:30 AM; and John Chan (Durable Slate) –11:30 AM.
- On Tuesday August 18, 2020, Dale Branham, USC, met with Robert Clark (Complete Solutions Contracting) – in the morning.

3. CLARIFICATIONS TO THE SPECIFICATION

- The project site is directly beside the Osborne Administration Building. If loud, continuous work on the project site is deemed too loud, the Contractor will be asked to stop all work. The Contract Duration will be extended day for day for any stoppage due this interruption. Work may have to be performed after hours or on the weekend at no additional cost to the University.

4. CHANGES TO SPECIFICATION

- In SECTION 075920 REMOVALS AND PREPERATIONS, Article 3.4 INSTALLATION OF NEW CEILING ACCESS PANEL:

Delete subparagraph 3.4.2 in its' entirety and add the following new subparagraph 3.4.2:

3.4.2 After the removal by OWNER of the drywall or plaster ceiling openings (approximately 14" x 32") between (2) adjacent joists. Contractor is to case the opening with 1x4 casing.

5. CLARIFICATIONS TO THE DRAWINGS

- None

6. CHANGES TO THE DRAWINGS

- R1 – Added snow guards to the roof plan
- D1 – Removed "Optional" sealant choice in Detail 3 - Sanitary Vent.
- K1, R1, D1 and D2 – reference to 95% Construction Documents is changed to "CONSTRUCTION DOCUMENTS".

7. CONTRACTOR QUESTIONS DURING BID PERIOD

- A question was asked as to whether the Roofing Contractor will be responsible for removing the ceiling material at the interior ceiling view panels. The answer is No. USC will have this material removed prior to the roofing contractor performing their work.

Nothing herein is interpreted or construed as changing any provisions of the specifications except as specifically stated herein.

END OF ADDENDUM NO. 1

Attachment(s): Pre-Bid Sign-In Sheet (1 page)
Drawings K1, R1, D1 & D2 (4 pages)



**USC FY21 OPER PROJ-OLD OBSERVATORY RE-ROOF
FY21000007
AUGUST 11, 2020 AT 10:00AM**

SWMBE Contractor?	Name	Company Name	Phone #	Email
S W M B E	Randy Eddington	Waynco Roofing	(704) 301-5597	randyeddington@hotmail.com
S W M B E	Kevin Nunnery	Nunnery Roofing & Remodeling	(803) 968-4459	kevin_nunnery@yahoo.com
S W M B E	Johnny White	JW Wyatt Construction & Roofing	(864) 612-5295	jwwyattconst@gmail.com
S W M B E	Brent Dunn	Bone Dry Roofing	(843) 614-1304	bdunn@bonedry.net
S W M B E	John Chan	Durable Slate Company	(240) 444-1657	ichan@durableslate.com
S W M B E	Blount Shepard	Shepard & Associates LLC	(803) 407-8284	blount@shepardandassociates.us
S W M B E	Adam Warren	Shepard & Associates LLC	(803) 407-8284	adam@shepardandassociates.us
S W M B E	Dale Branham	USC	(803) 312-5927	branhamd@fmc.sc.edu
S W M B E	Ty Russell	USC		
S W M B E	Hatice Hikmet	USC	(803) 777-9994	hikmeth@mailbox.sc.edu

BUILDING CODE ANALYSIS		
PROJECT: Roof Recover Project at OLD OBSERVATORY BUILDING SUBMITTAL: <input type="checkbox"/> SCHEMATIC <input type="checkbox"/> DESIGN DEVELOPMENT <input checked="" type="checkbox"/> CONSTRUCTION DOCUMENT DATE: 07/10/2020 CODE & EDITION: 2015 IBC & 2009 IECC		
BASIC BUILDING CODE INFORMATION		
		ROOF AREAS 1-3
CONSTRUCTION CLASSIFICATION TYPE (IBC 602)		EXISTING (ASSUMED MOST SIMILAR TO TYPE II-A)
OCCUPANCY GROUP (indicate all) (IBC 302) (Note IBC 506.5)		BUSINESS (B) Office/Education > 12th grade
OCCUPANCY GROUP (indicate most restrictive) (IBC Table 503)		BUSINESS (B) Office/Education > 12th grade
Does building require Incidental Use Area Separation? (IBC 508.2.5)		<input checked="" type="checkbox"/> no <input type="checkbox"/> yes
Does building have Accessory Occupancy (es)? What percent of story is Accessory Occupancy? (IBC 508.2)		<input checked="" type="checkbox"/> no <input type="checkbox"/> yes SF %
Mixed Occupancy (IBC 508)		<input checked="" type="checkbox"/> no <input type="checkbox"/> yes
Non separated (IBC 508.3)		<input checked="" type="checkbox"/> no <input type="checkbox"/> yes
Separated (IBC 508.4) (IBC 506.5)		<input checked="" type="checkbox"/> no <input type="checkbox"/> yes
OTHER FIRE PROTECTION SYSTEMS, DEVICES or FEATURES If the building has any special or notable fire protection or safety feature or hazard, the designers should list them here, describe the performance characteristics and refer to locations in construction documents (e.g. fire extinguishers, smoke-evacuation/control/compartments. Note IBC 414.1.3.)		N/A
FIRE RESISTANCE RATING OF BUILDING ELEMENTS		
Roof Construction including supporting beams & joists (IBC Table 601)	As Required, Hrs	1 HR
	As Designed, Hrs	1 HR
	Testing Agency & Design No.(UL, FM, etc)	UL
	Wall/Partition Key Code	
STRUCTURAL DESIGN INFORMATION, BUILDING		
WIND LOADS	ASCE 7-16	RISK CATEGORY III 125 MPH
ENERGY INFORMATION		
INSULATION		
Roof	FIBERGLASS BATT INSULATION CONTINUOUS AT CEILING LEVEL (APPROXIMATELY >20 R)	N/A AT ROOF DECK

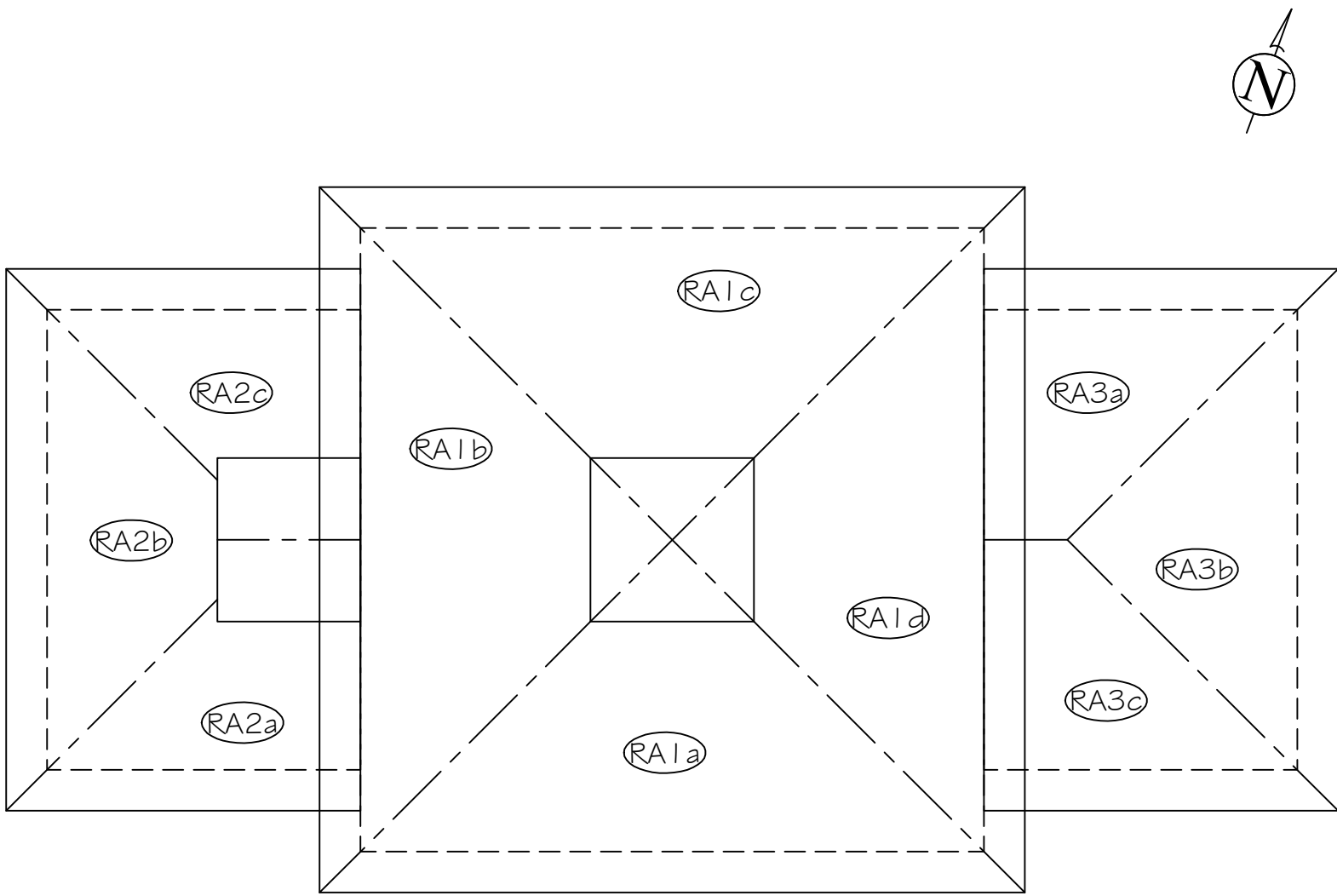
LEGEND

= AREA TO BE REPLACED

= AREA NOT IN CONTRACT

RA #

 = ROOF AREA LABEL



1 OLD OBSERVATORY KEY PLAN

PROJECT DATA

A. PROJECT DESIGNED IN ACCORDANCE WITH:
1. INTERNATIONAL BUILDING CODE - 2015 EDITION
2. INTERNATIONAL PLUMBING CODE - 2015 EDITION
3. INTERNATIONAL FIRE CODE - 2015 EDITION
4. INTERNATIONAL EXISTING BUILDING CODE - 2015 EDITION
5. INTERNATIONAL ENERGY CONSERVATION CODE - 2009 EDITION
6. NATIONAL FIRE PROTECTION ASSOCIATION 10 - 2013 EDITION

B. BASIC REVIEW INFORMATION
1. EXISTING STRUCTURE CONSISTS OF MULTI-WYTHE BRICK MASONRY WALLS WITH WOOD FRAMING AND DECKING, COVERED BY UNDERLAYMENT AND SLATE SHINGLES.
2. AREA OF AFFECTED ROOF (BASE BID): 528 SF
 a. RA1: 298 SF
 b. RA2: 115 SF
 c. RA3: 115 SF
3. ROOF HEIGHT ABOVE GRADE (ALL ARE APPROXIMATE):
 a. RA1: 38'-42"
 b. RA2: 28'-31"
 c. RA3: 28'-31"
5. PRIMARY OCCUPANCY CLASS: GROUP "E" EDUCATION
6. CLASS "A" ROOF COVERING

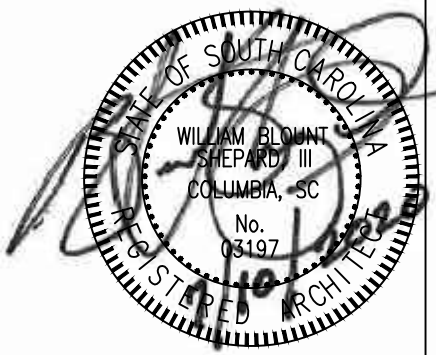
C. PROJECT IN FIRE DISTRICT: YES

D. STRUCTURAL INFORMATION:
1. DESIGN LOADS:
 a. ORIGINAL DEAD LOAD INCLUDED SLATE ESTIMATED WEIGHT: 4 lbs/SF
 b. PROPOSED DEAD LOAD INCLUDING SLATE DESIGN WEIGHT: 4 lbs/SF
 c. NET DEAD LOAD WILL NOT CHANGE



2 SITE VICINITY MAP

DRAWING INDEX	
K1	KEY PLAN, DRAWING INDEX & SITE VICINITY MAP
R1	ROOF PLAN
D1	DETAILS
D2	DETAILS



Shepard & Associates, LLC

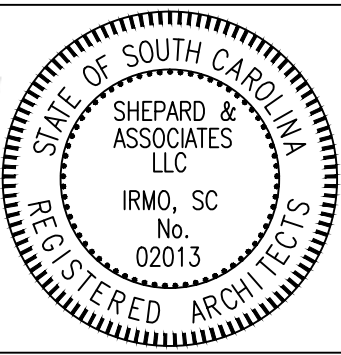
3547 Dreher Shoals Road, Suite 6
Irmo, South Carolina 29063
Phone: (803) 407-8284
Fax: (803) 407-8206

SHEET TITLE: Key Plan

PROJECT DESCRIPTION: State Project Number: FY21000007
OLD OBSERVATORY BUILDING

CLIENT NAME: UNIVERSITY OF SOUTH CAROLINA

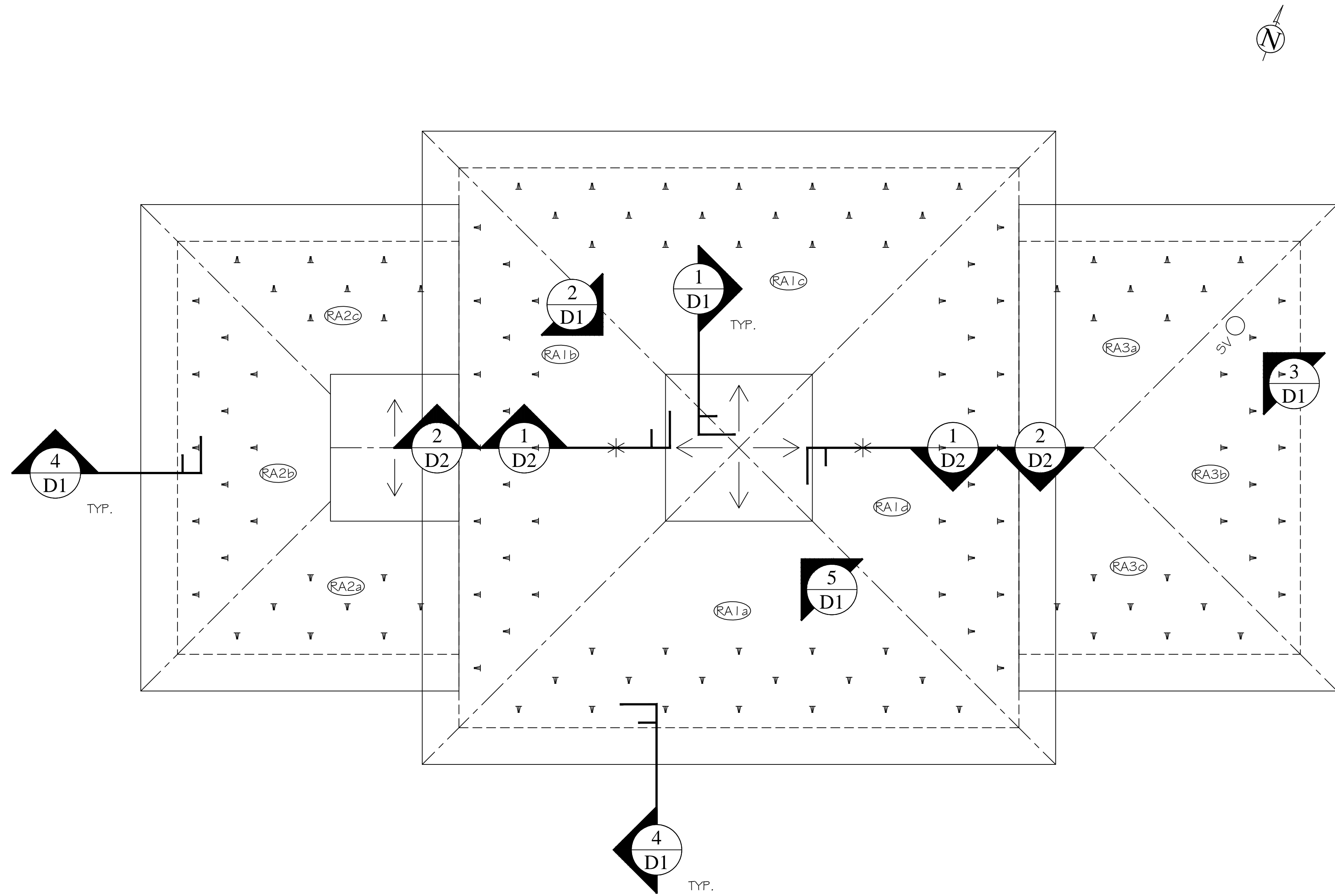
REVISIONS	
REVISION	DATE APPROVED
ADD	08/19/20 WBS



PF 11012.022.004
DATE: 07/10/20
SCALE: NTS
DRAWN: PUJ
CHECKED: WBS

SHEET

K1



1 OLD OBSERVATORY BUILDING ROOF PLAN

LEGEND

←

= DIRECTION OF ROOF SLOPE
(SLOPE = 4. 1/12 UNLESS OTHERWISE NOTED)

= EDGE OF ROOF
BUILDING LINE BELOW

°SV

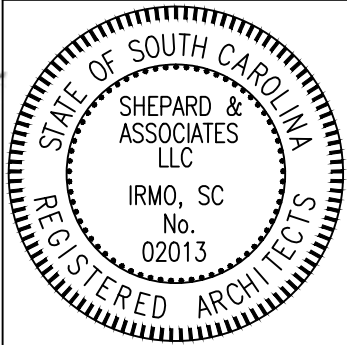
= SANITARY SEWER VENT

*

= FALL PROTECTION DEVICE

▽

= SNOW GUARD



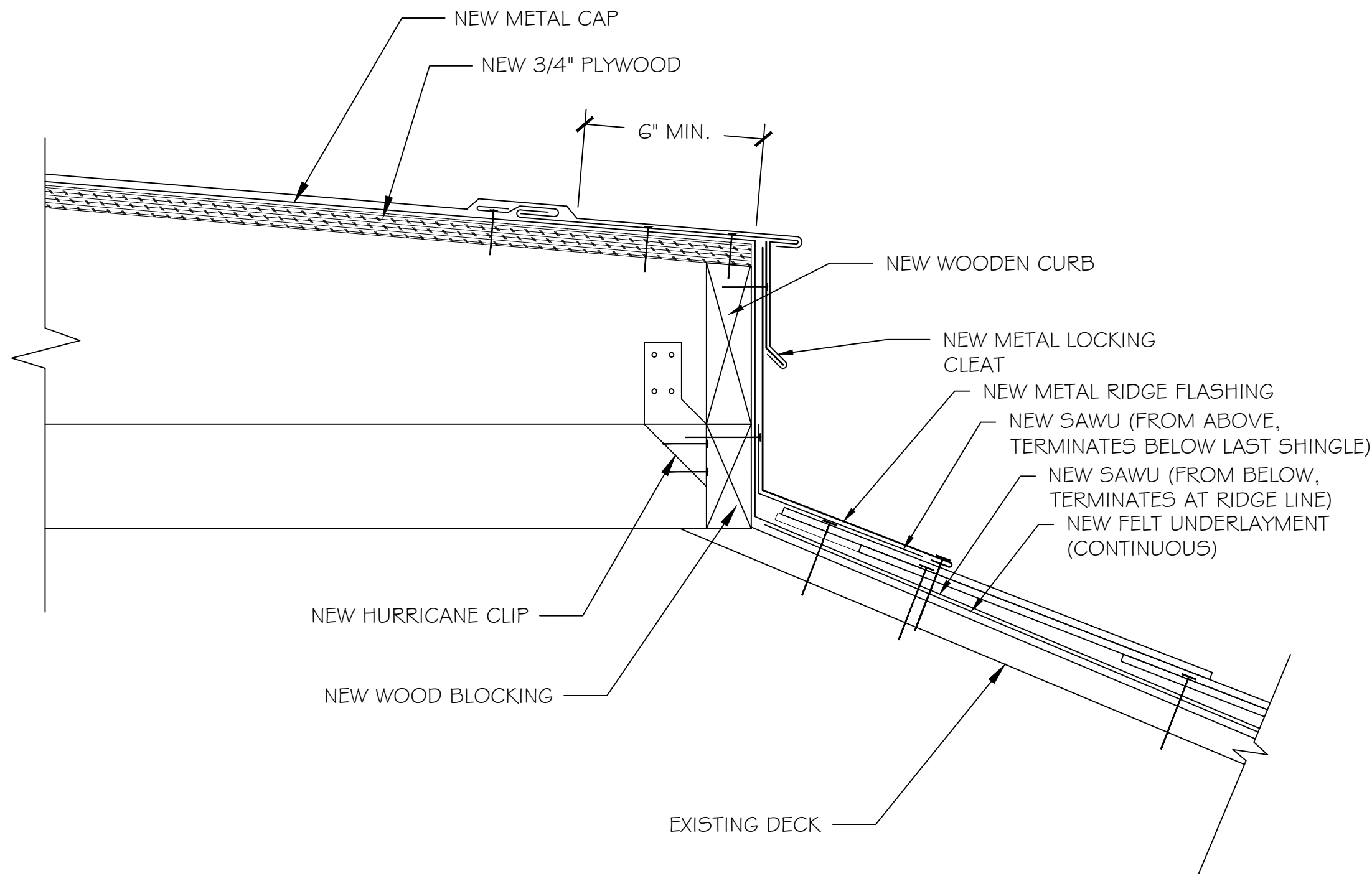
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SHEET

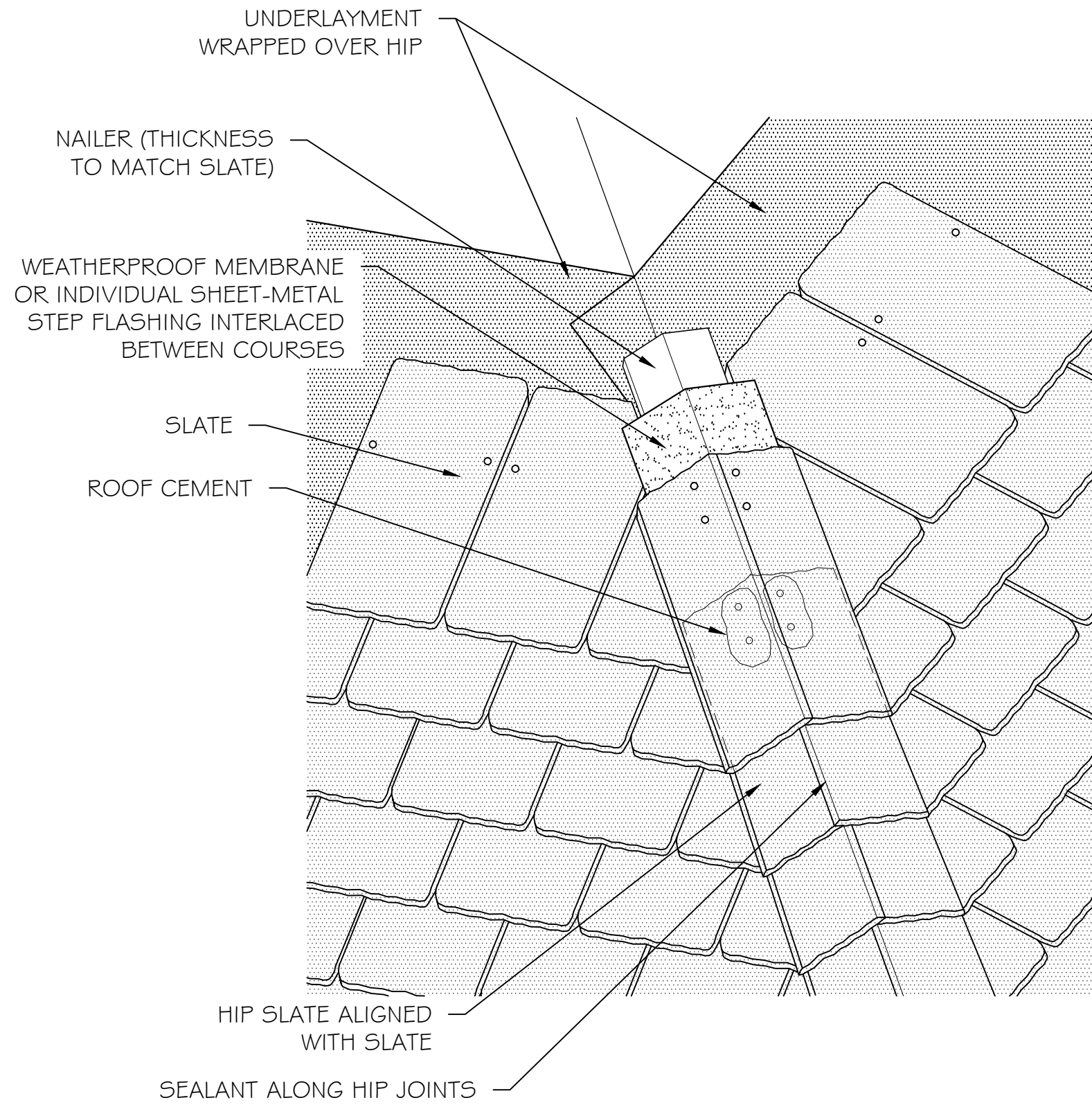
R1

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CLIENT NAME:	UNIVERSITY OF SOUTH CAROLINA

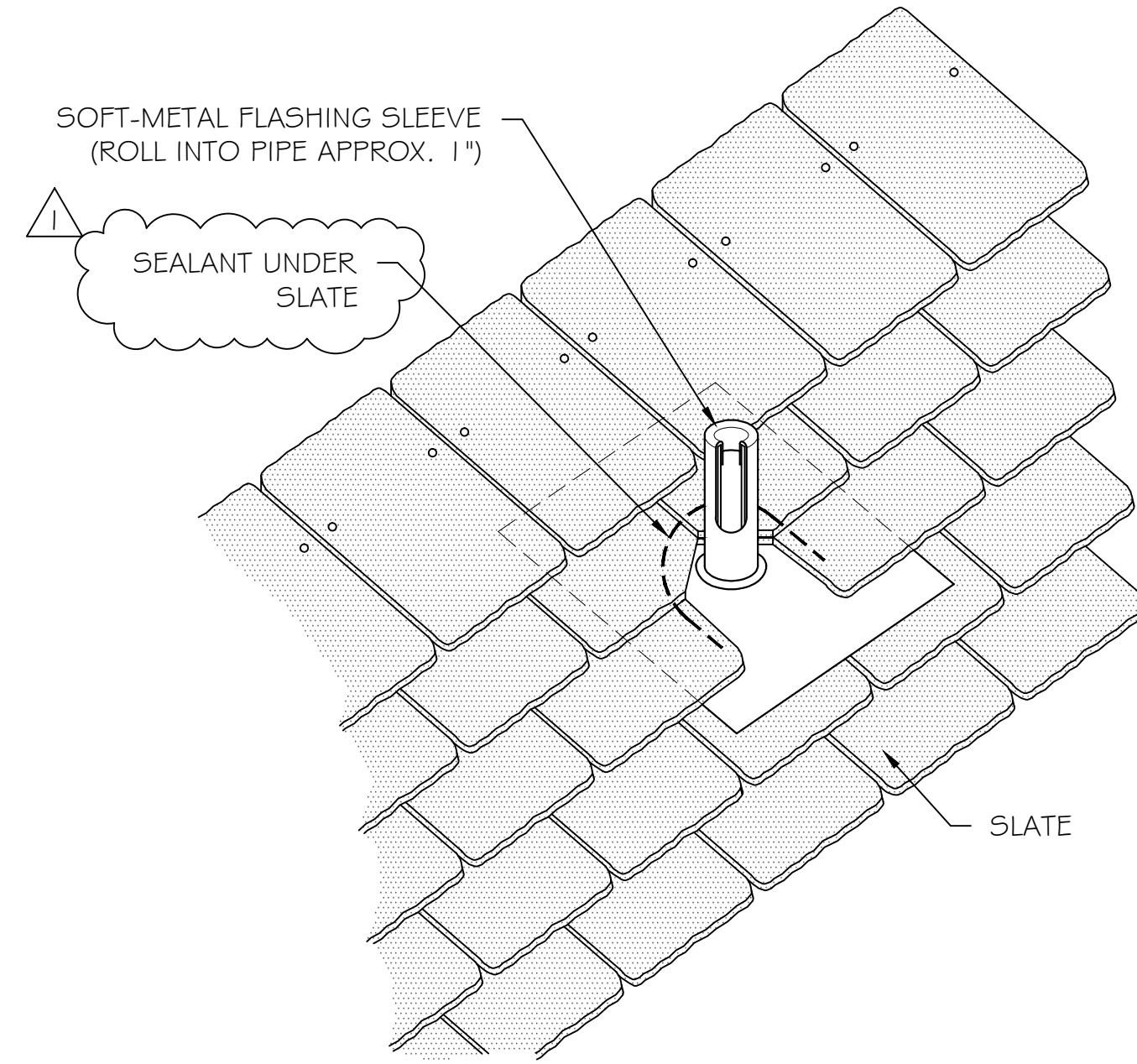
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	ADD	08/19/20	WBS



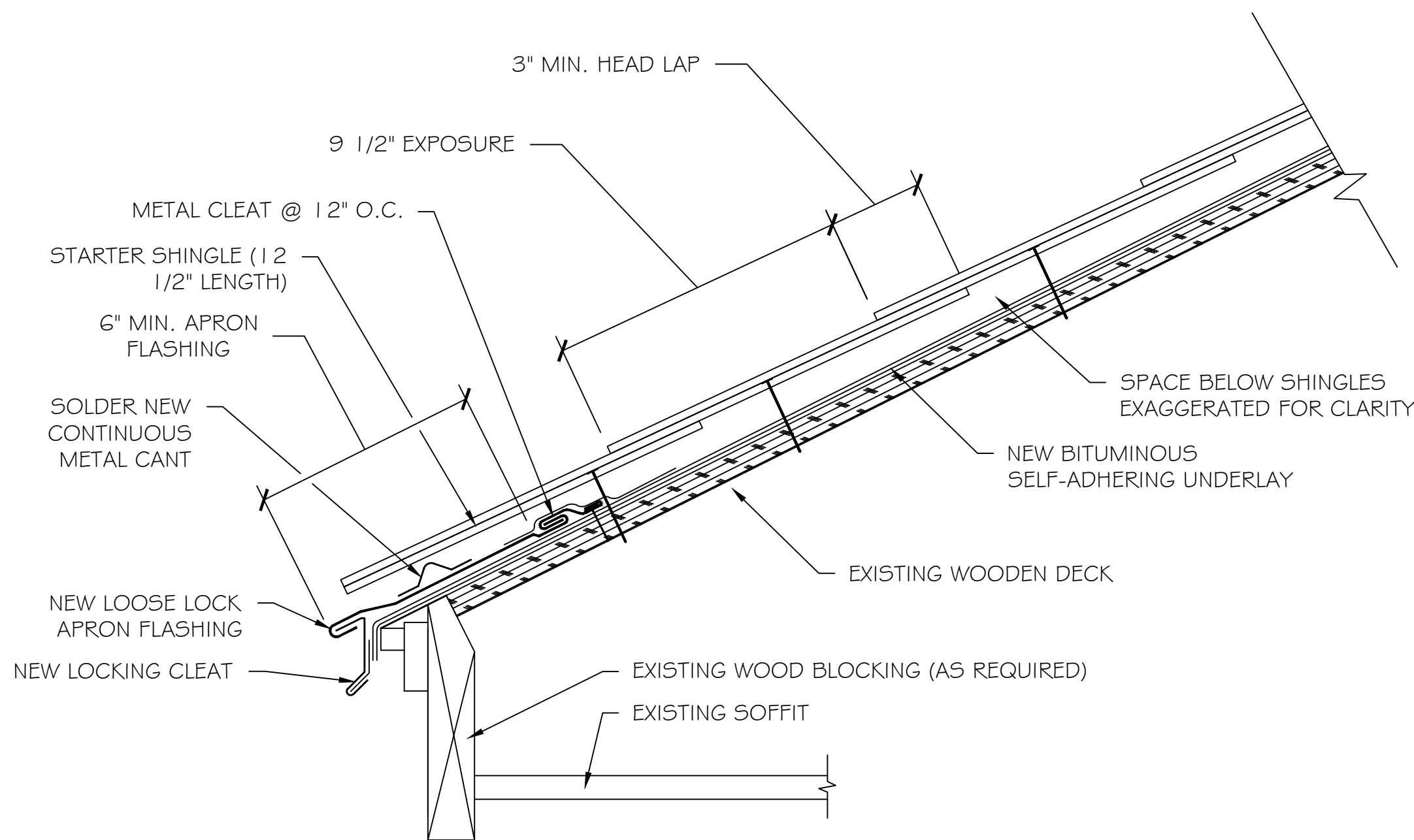
1 FLASHING



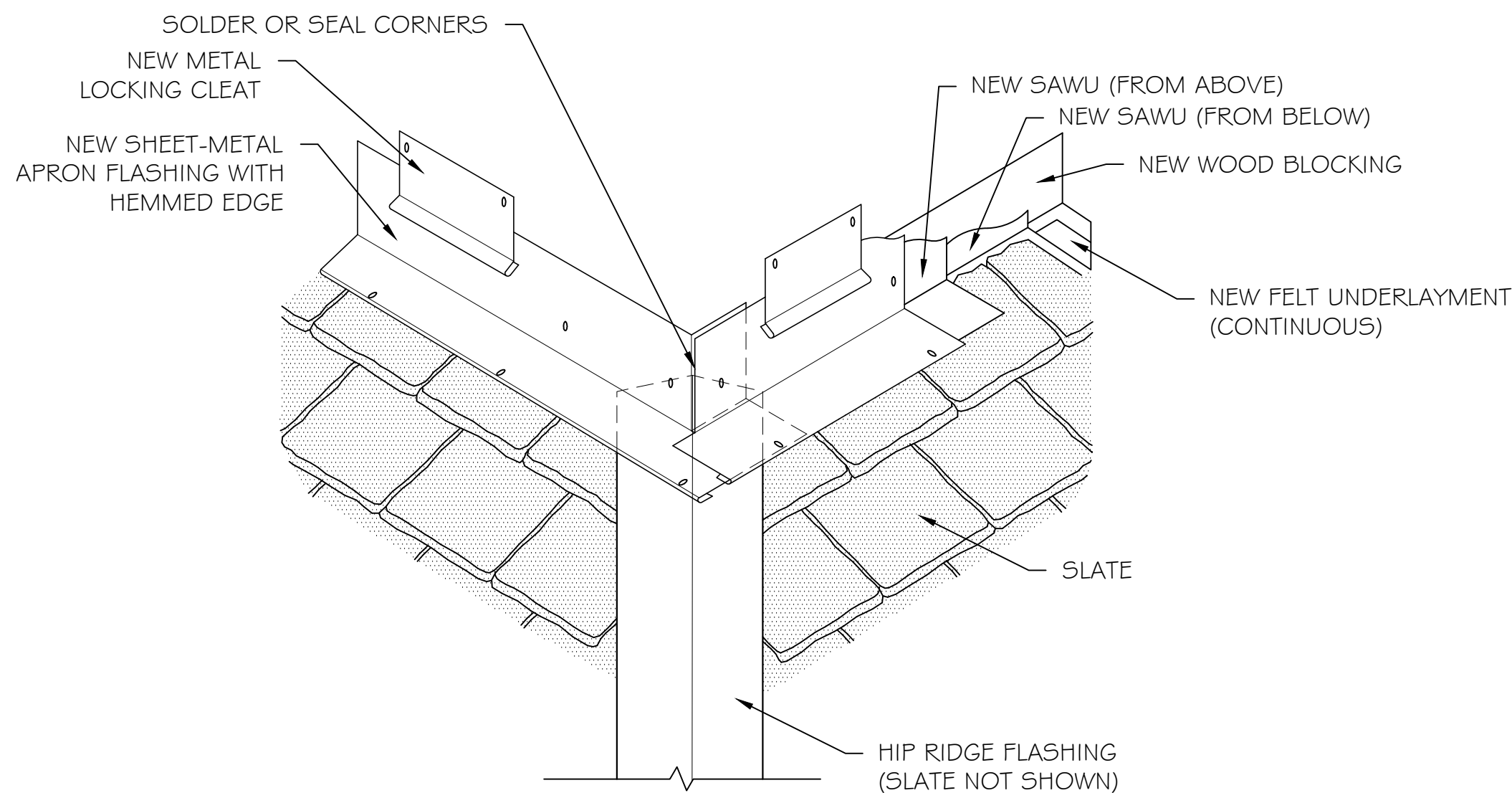
2 HIP RIDGE



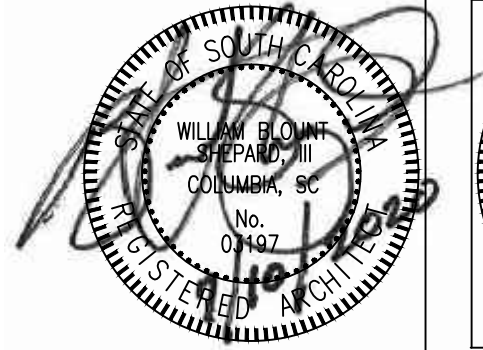
3 PIPE PENETRATION



4 EAVE



5 APRON FLASHING AT SUMMIT

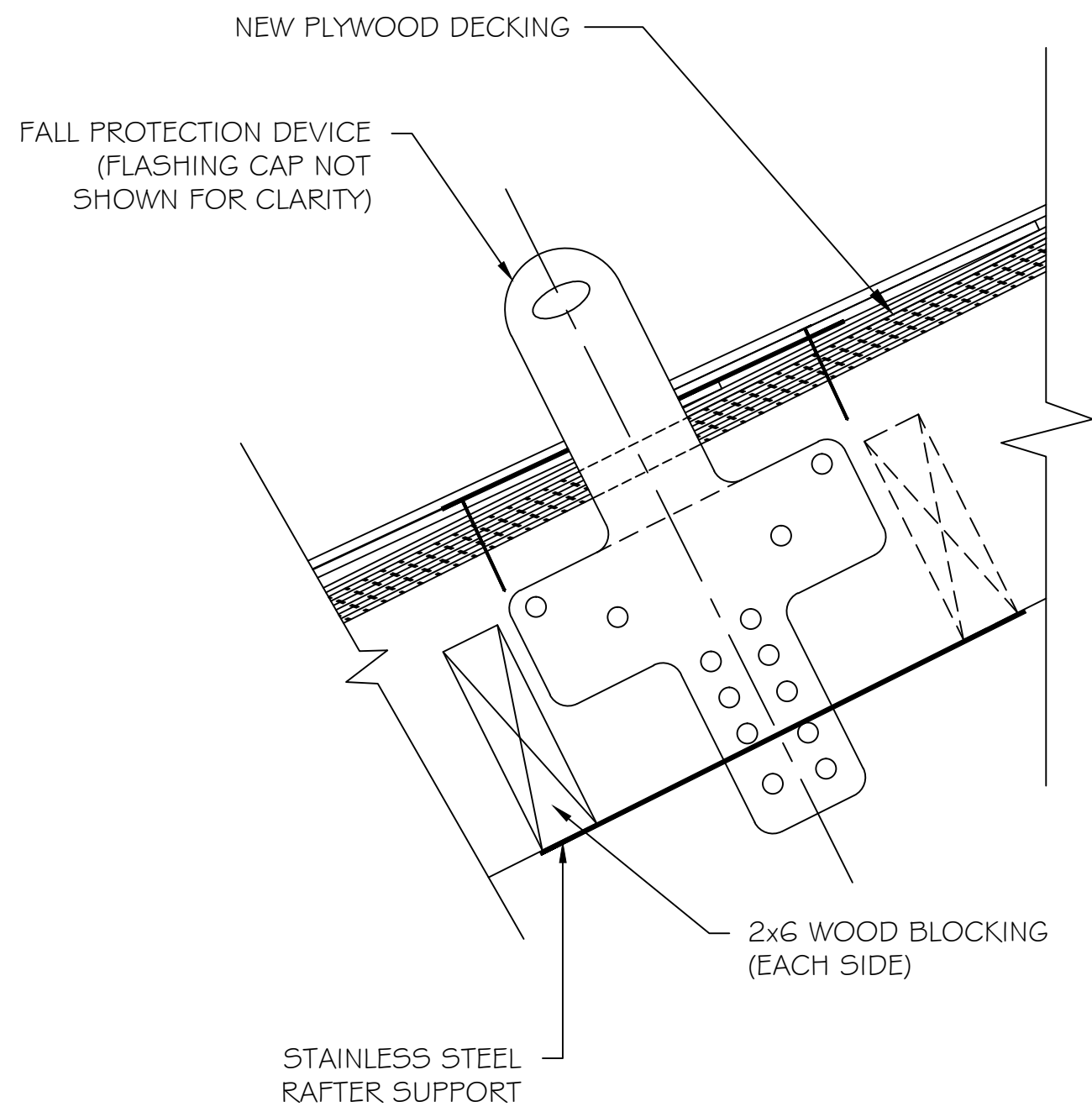


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	OLD OBSERVATORY BUILDING
CLIENT NAME: UNIVERSITY OF SOUTH CAROLINA	

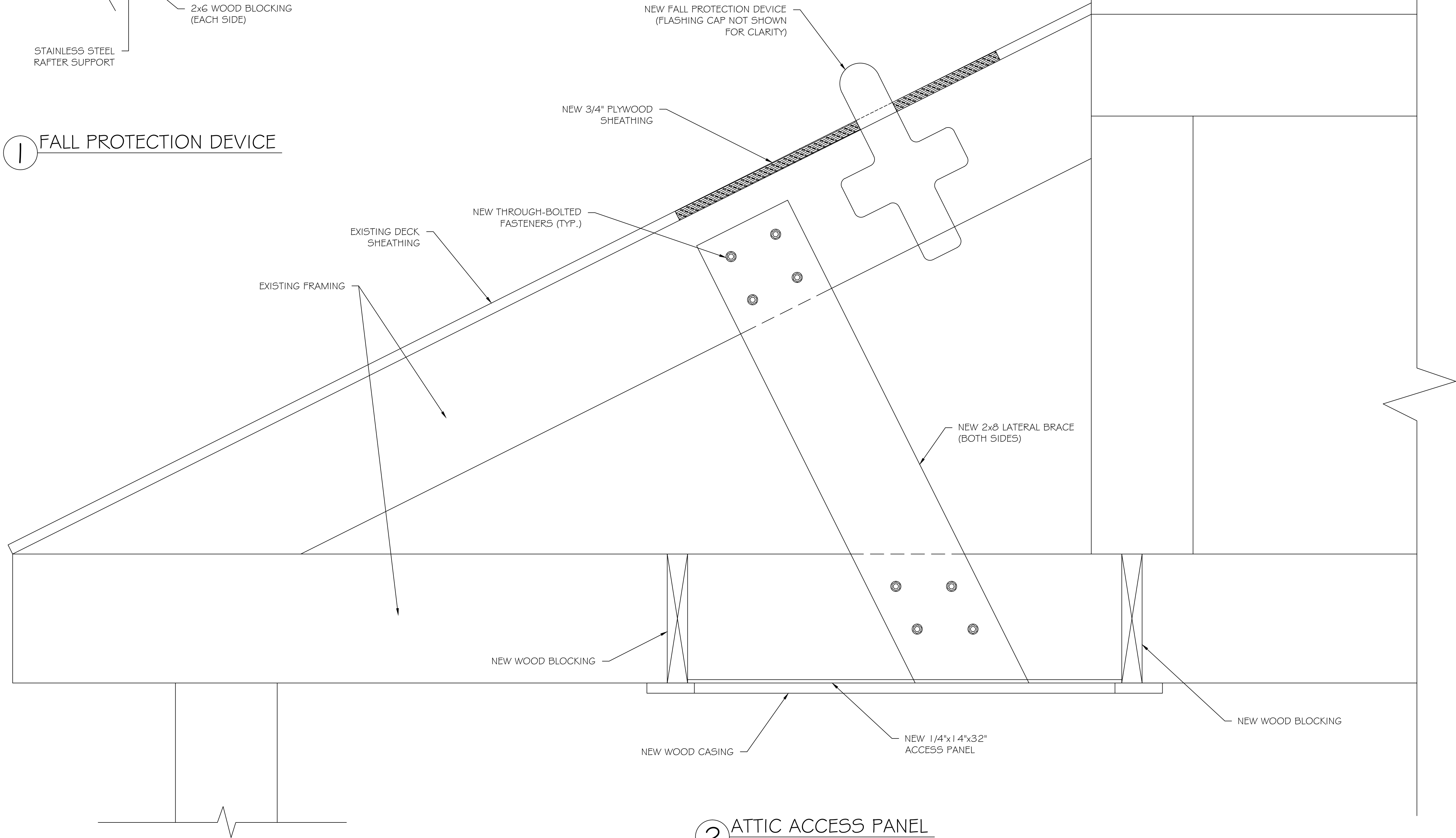
REVISIONS		
REVISION	DATE	APPROVED
ADD. Δ	08/19/20	WBS



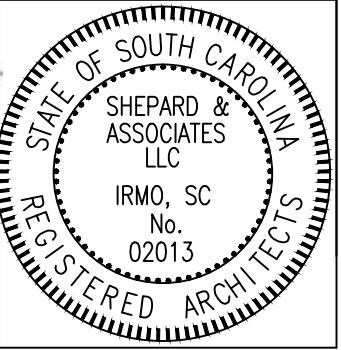
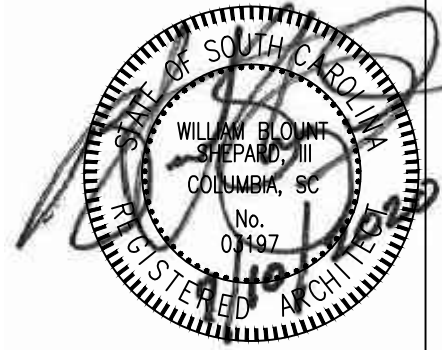
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1 FALL PROTECTION DEVICE



2 ATTIC ACCESS PANEL

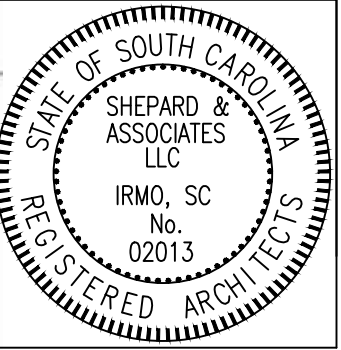


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SHEET
D2

SHEET TITLE:	Details
PROJECT DESCRIPTION:	State Project Number: FY21000007 OLD OBSERVATORY BUILDING
CLIENT NAME:	UNIVERSITY OF SOUTH CAROLINA

REVISIONS	DATE	APPROVED
REVISION	DATE	APPROVED
ADD. Δ	08/19/20	WBS



PF 11012.022.004
DATE: 07/10/20
SCALE: NTS
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CHECKED: WBS

SHEET
D2