

MOHR - FRY HOUSE
ROOF REPLACEMENT
CHABOT COMMUNITY COLLEGE
25555 Hesperian Blvd.
Hayward, CA

SCOPE OF WORK:

- A. Provide all setup, equipment, labor and materials in order to provide roof replacement at the Mohr House.
- B. Remove existing roofing, associated flashings, gutters and downspouts in accordance with section 024119.13 Selective Building Demolition.
- C. Unit price #1: Cost to remove and replace 10' of either 1"X6" skip sheathing in accordance with section 061000 Rough Carpentry.
- D. Add alternate #1: Install new ½" plywood exterior grade sheathing over existing skip sheathing in accordance with section 061000 Rough Carpentry.
- E. At steep roofing areas, install new cedar wood shingle roofing system in accordance with section 073129.13 Wood Shingle Roofing.
- F. At flat roof area install new roofing system in accordance with section 075400 Thermoplastic Membrane Roofing.
- G. At flat roof area, install new skylights in accordance with section 086300 Metal Framed Skylights.
- H. Install new gutters/downspout in accordance with section 071500 Sheet Metal Waterproofing.
- I. Provide coating system at balcony and designated out-croppings in accordance with section 071813 Pedestrian Traffic Coating.
- J. Provide all flashings as specified and shown on detail drawings.
- K. Provide five (5) year contractor warranty for ALL work associated with this project.
- L. Provide manufacturer warranties as specified in each section.

TABLE OF CONTENTS FOR TECHNICAL SPECIFICATIONS:

- A. SECTION 02 41 19.13 – SELECTIVE BUILDING DEMOLITION
- B. SECTION 02 82 00 – ASBESTOS REMEDIATION
- C. SECTION 02 83 00 – LEAD REMEDIATION
- D. SECTION 06 10 00 – ROUGH CARPENTRY
- E. SECTION 07 15 00 – SHEET METAL WATERPROOFING
- F. SECTION 07 18 13 – PEDESTRIAN TRAFFIC COATING
- G. SECTION 07 31 29.13 – WOOD SHINGLE ROOFING
- H. SECTION 07 54 00 – THERMOPLASTIC MEMBRANE ROOFING
- I. SECTION 08 63 00 – METAL FRAMED SKYLIGHTS

VICINITY MAP



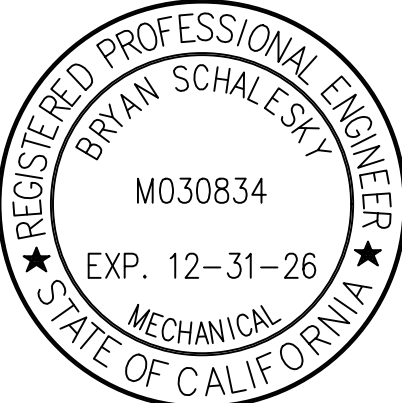
PROJECT LOCATION

APPLICABLE CODES AND REFERENCES:

- 2022 CALIFORNIA CODE OF REGULATIONS TITLE 24 - PARTS 1, 2, 6, 9 and 12.
- STATE OF CALIFORNIA TITLE 24 (2022 EDITION) - PART 4 CALIFORNIA MECHANICAL CODE/AMMENDMENTS WITH UMC
- STATE OF CALIFORNIA TITLE 24 (2022 EDITION) - PART 5 CALIFORNIA PLUMBING CODE WITH 2000 UPC
- STATE OF CALIFORNIA TITLE 24 (2022 EDITION) - PART 6 CALIFORNIA ENERGY CODE
- STATE OF CALIFORNIA TITLE 24 (2022 EDITION) - PART 9 CALIFORNIA FIRE CODE/AMENDMENTS WITH UFC
- STATE OF CALIFORNIA TITLE 24 (2022 EDITION) - PART 12 CALIFORNIA REFERENCED STANDARDS CODE
- TITLE 19, CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
- NRCA (LATEST EDITION) NATIONAL ROOFING CONTRACTORS ASSOCIATION GUIDELINES
- SMACNA Sheet Metal and Air Conditioning Contractors National Association.
- Cedar Shake and Shingle Bureau guidelines

DRAWING TABLE OF CONTENTS

- A-1 TITLE PAGE
- A-2 PLAN DRAWING
- A-3 DETAIL DRAWINGS
- A-4 DETAIL DRAWINGS



Engineer of Record
Bryan Schalesky, PE
Skyline Engineering

Project Manager
Owen Letcher
Vice Chancellor of Facilities
Bond Program and Operations
Phone: (925)485-5277
oletcher@clpcod.org

No.	Revision/Issue	Date

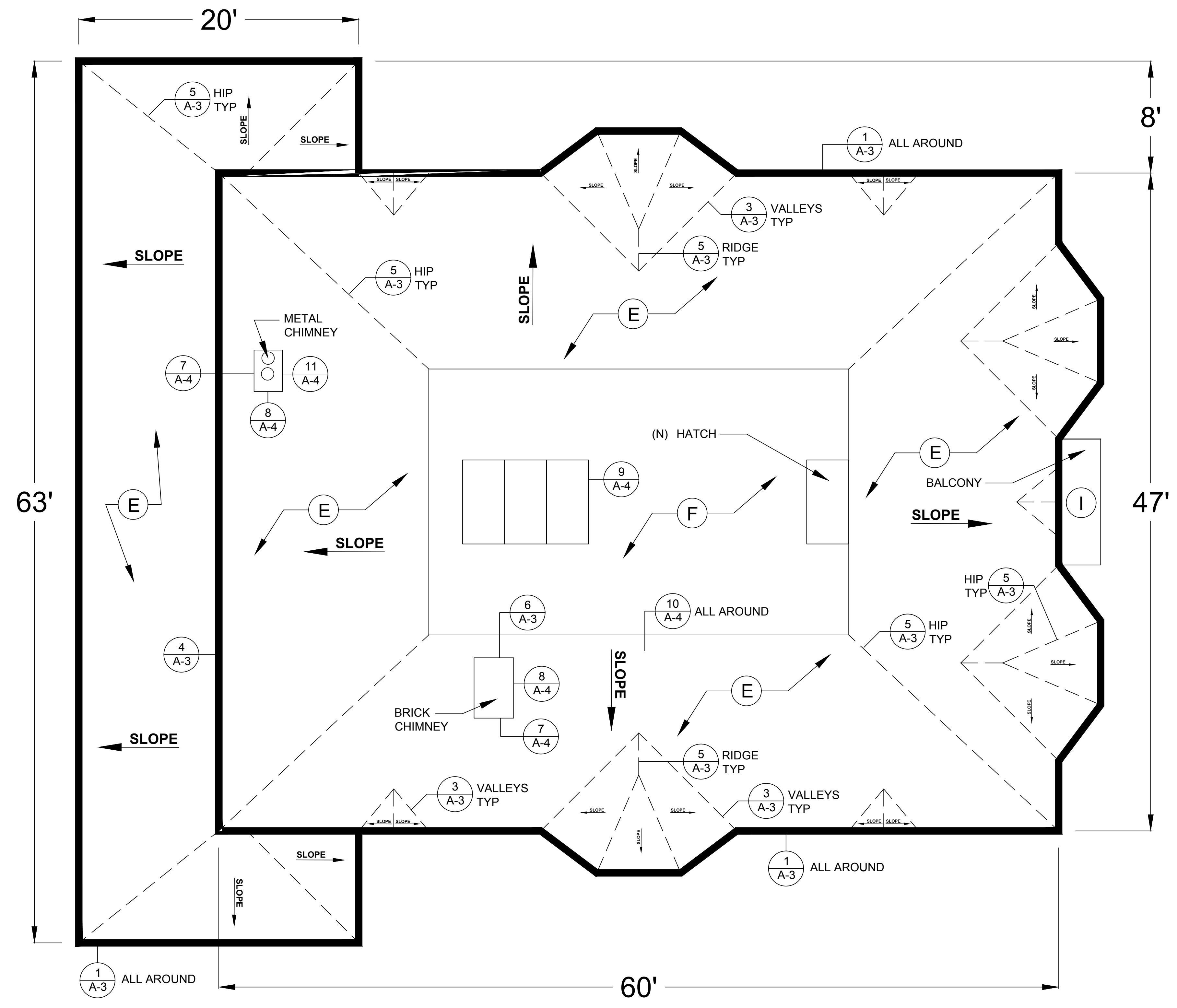
Firm Name and Address

SKYLINE ENGINEERING
8100 Wild Horse Road
Salinas CA 93907

Project Name and Address

PROJECT TITLE:
Mohr-Fry House
Roof Replacement

Project	Roof Replacement	Sheet
Date	September 2025	A-1 TITLE PAGE
Scale	NONE	



SCALE CHECK



DUE TO PRINTING IMPERFECTIONS CONTRACTORS SHALL VERIFY ALL MEASUREMENTS

GENERAL NOTES:
Not all projections are shown. (E) Downspouts not shown.
Equipment and projection locations are approximate.
Contractors are responsible for all measurements and projection counts.

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DRAWING INDEX

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A2 - Plan Drawing
A3 - Details
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2. Plumbing vent
3. Valleys
4. Wall flashing
5. Hip and Ridge
6. Chimney Backer
A4 - Details
7. Apron
8. Sidewall
9. Skylights
10. Flat to steep roof
11. Curb backer

Drawn by:
Bryan Schalesky
Skyline Engineering



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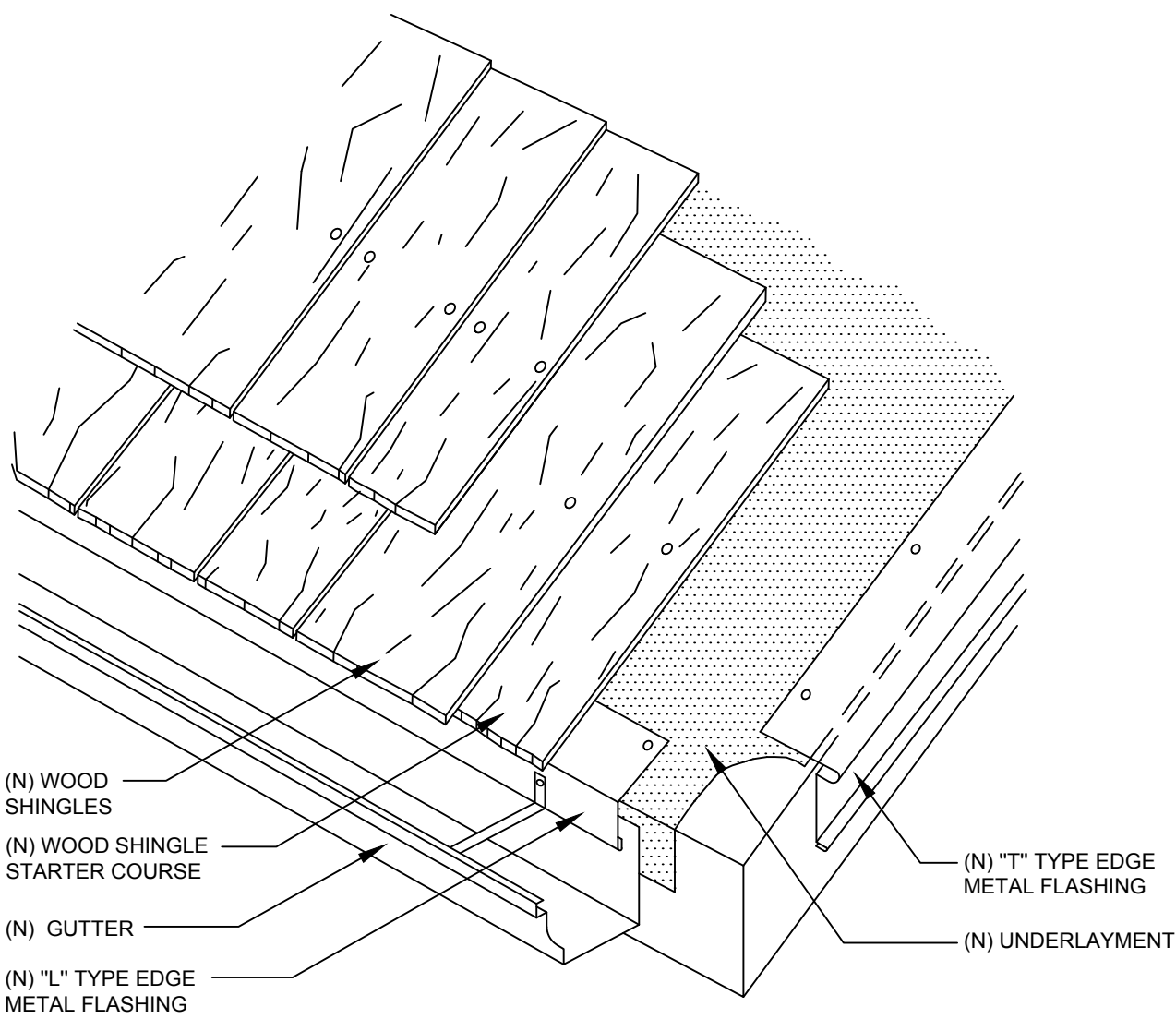
Firm Name and Address

SKYLINE ENGINEERING, INC.
8100 Wild Horse Road
Salinas CA 93907

Project Name and Address

MOHR-FRY HOUSE
Chabot Community College

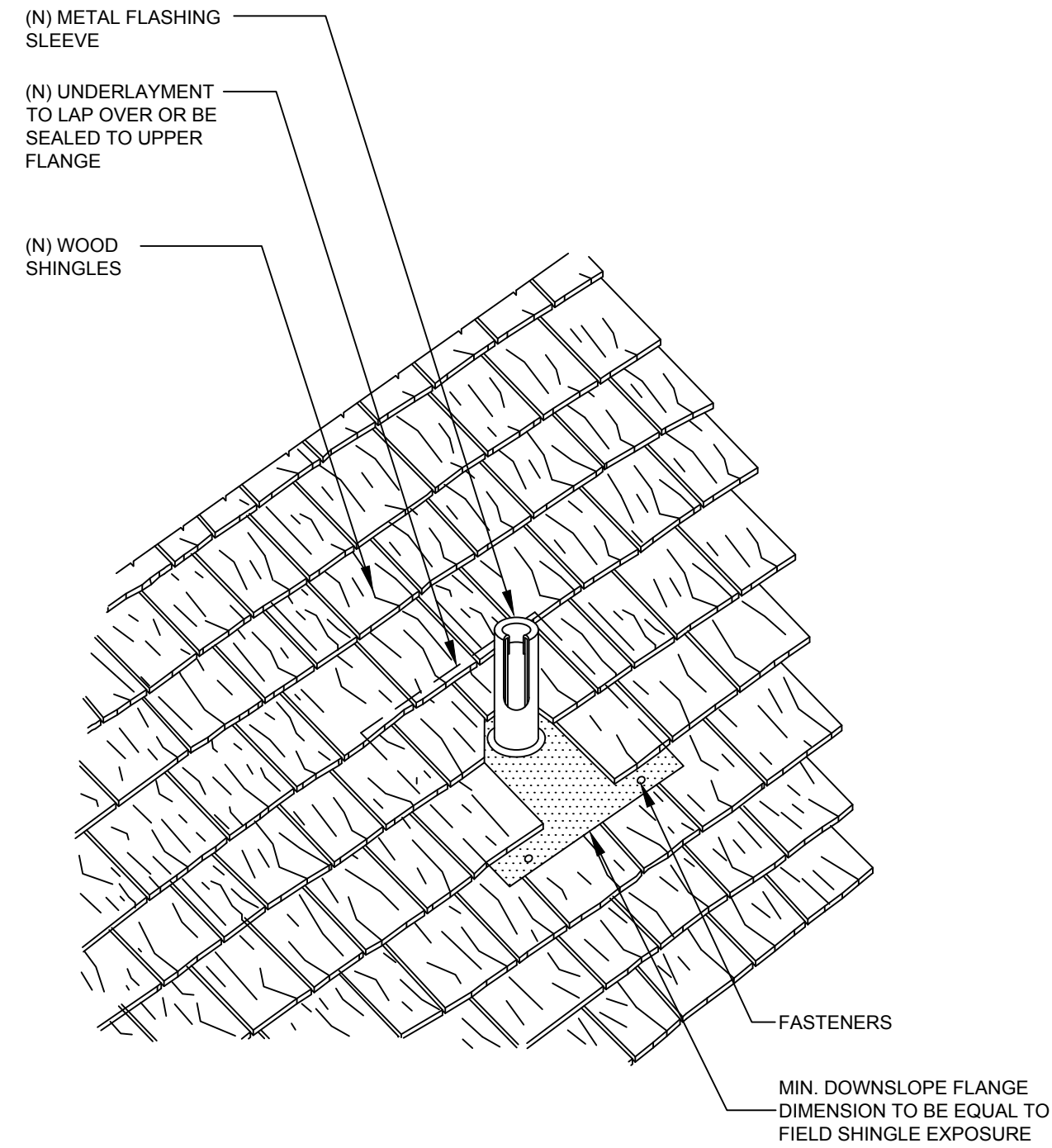
Project	Roof Replacement	Sheet	A-2
Date	September 2025	Roof Plan	
Scale	Drawing is dimensioned		



NOTES:

1. UNDERLAYMENT SHALL BE INSTALLED UNDER THE EAVE EDGE METAL FLASHING.
2. INSTALL SCREENS OVER DOWNSPOUTS TO PREVENT DEBRIS FROM ENTERING THE DRAINAGE SYSTEM. NOT SHOWN ON THIS DRAWING.
3. ALL NEW METAL SHALL BE STAINLESS STEEL (PAINTED) OR KYNAR COATED (COLOR TO MATCH HOUSE).
4. NEW GUTTERS SHALL BE PROFILED AND DIMENSIONED TO MATCH EXISTING GUTTERS.
5. INSTALL NEW DOWNSPOUTS AND SUPPORT BRACKETS AT EXISTING LOCATIONS.

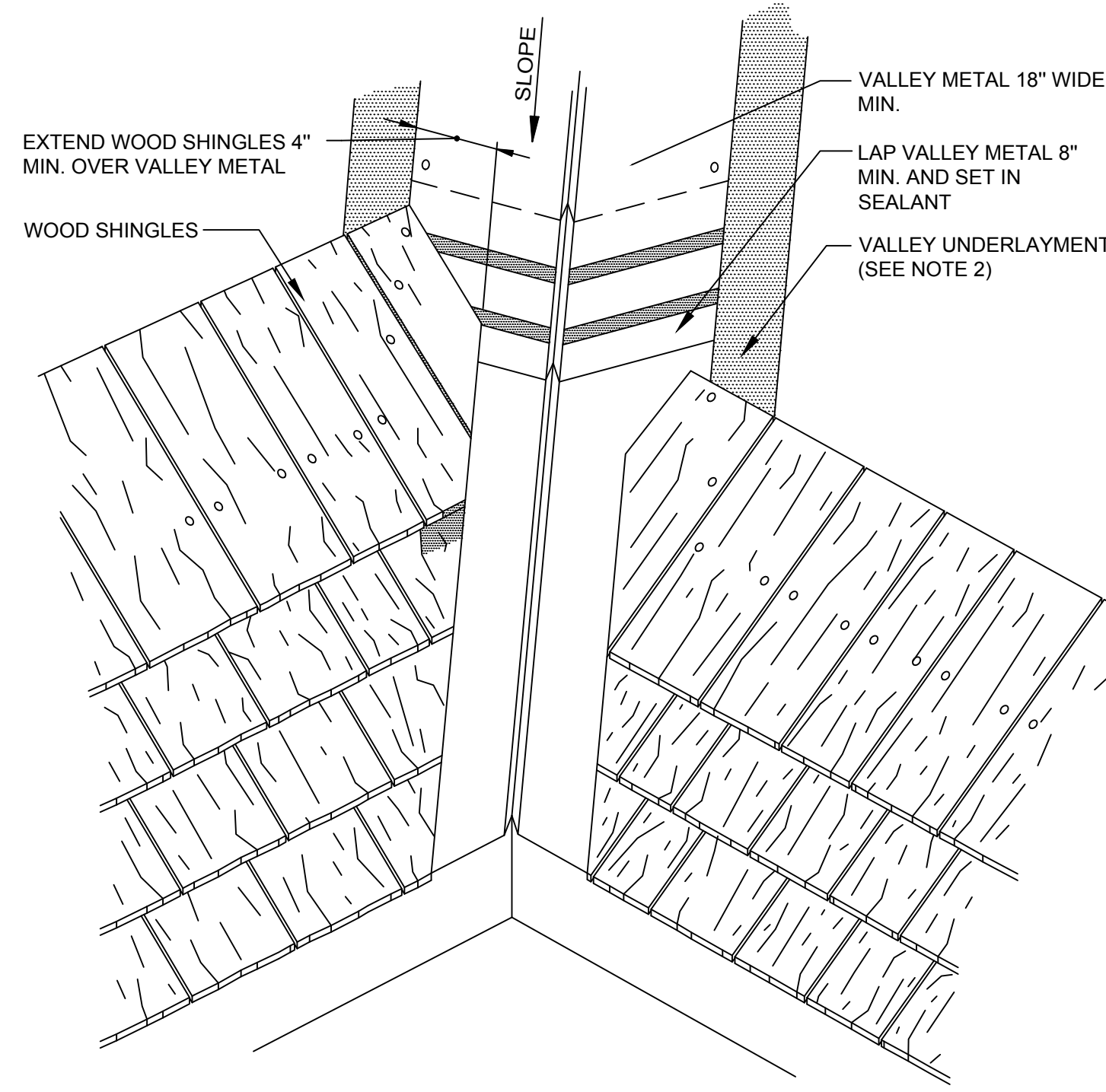
1 EAVE AND RAKE FLASHING WITH GUTTER
A-3



NOTES:

1. THIS DRAWING SHOWS A PLUMBING VENT. HOWEVER, USE THIS SAME DETAIL AT ALL ROUND PENETRATIONS. FABRICATE NEW SLEEVE FLASHING USING 24 GA STAINLESS STEEL OR KYNAR COATED SHEET METAL.
2. FOR ROUND PENETRATIONS THAT REQUIRE STORM COLLARS, FABRICATE AND INSTALL NEW STAINLESS STEEL OR KYNAR COATED STORM COLLARS (NOT SHOWN).

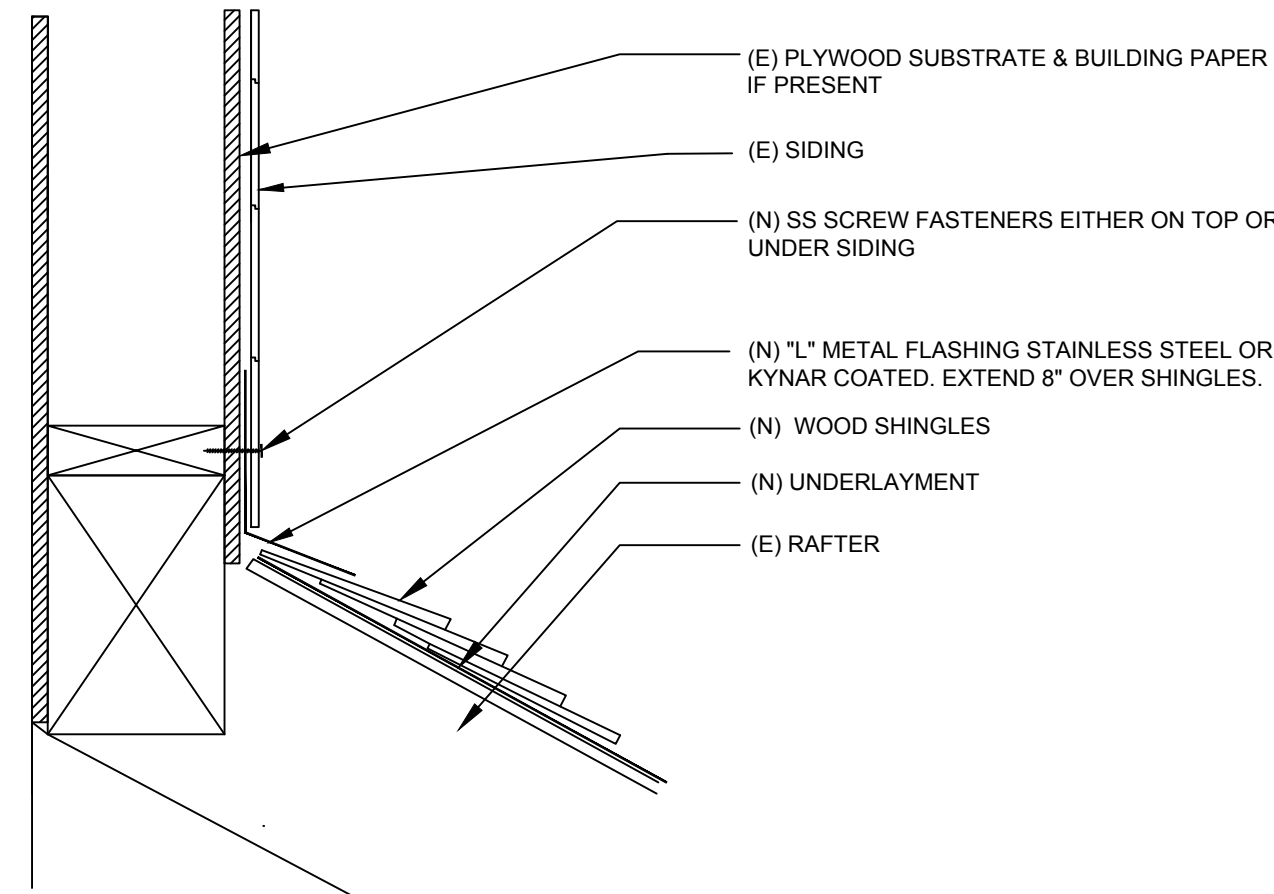
2 PIPE AND ROUND PENETRATIONS
A-3



NOTES:

1. FIELD UNDERLAYMENT NOT SHOWN FOR CLARITY.
2. SHINGLES SHOULD NOT BE FASTENED THROUGH METAL VALLEY.

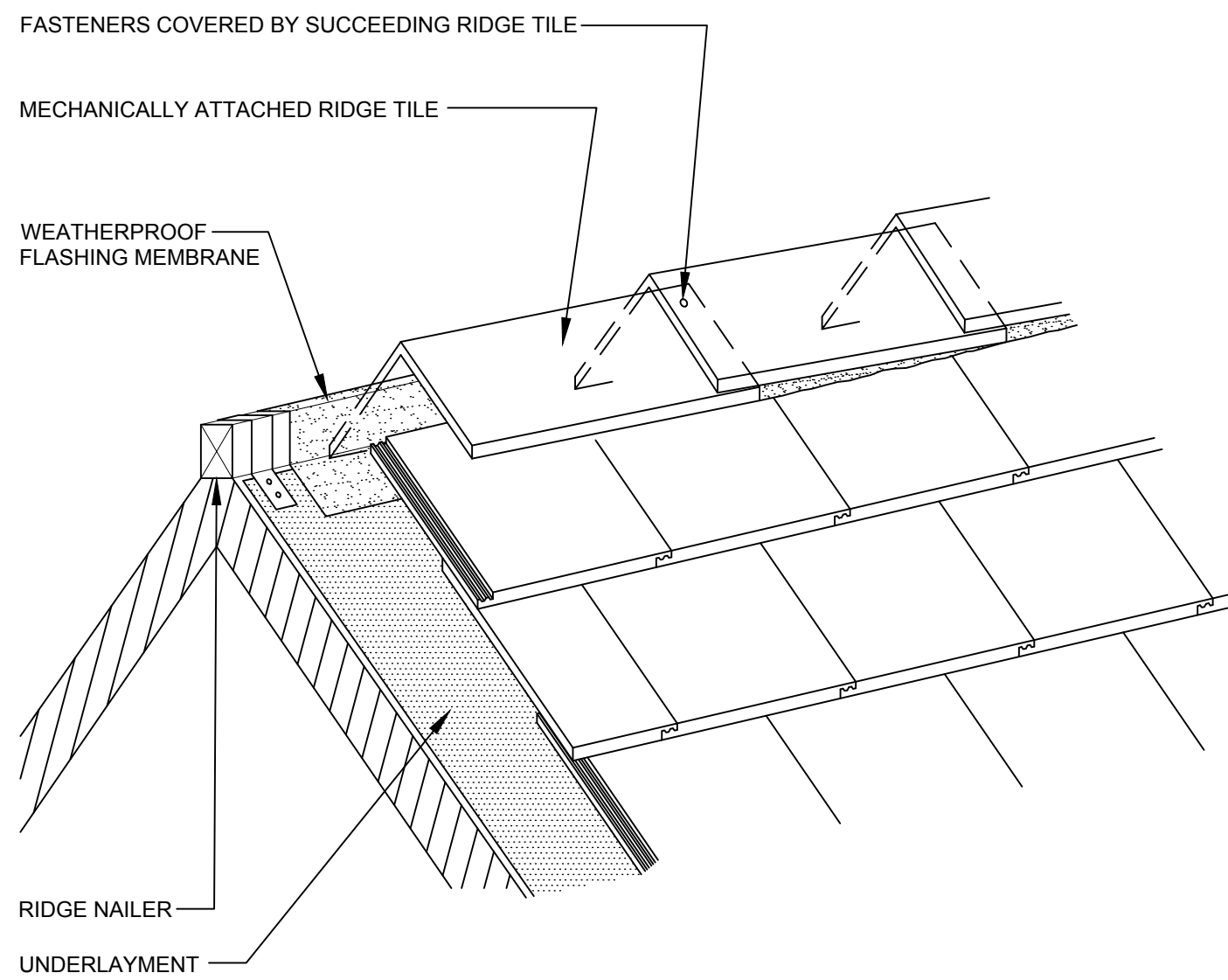
3 VALLEY
A-3



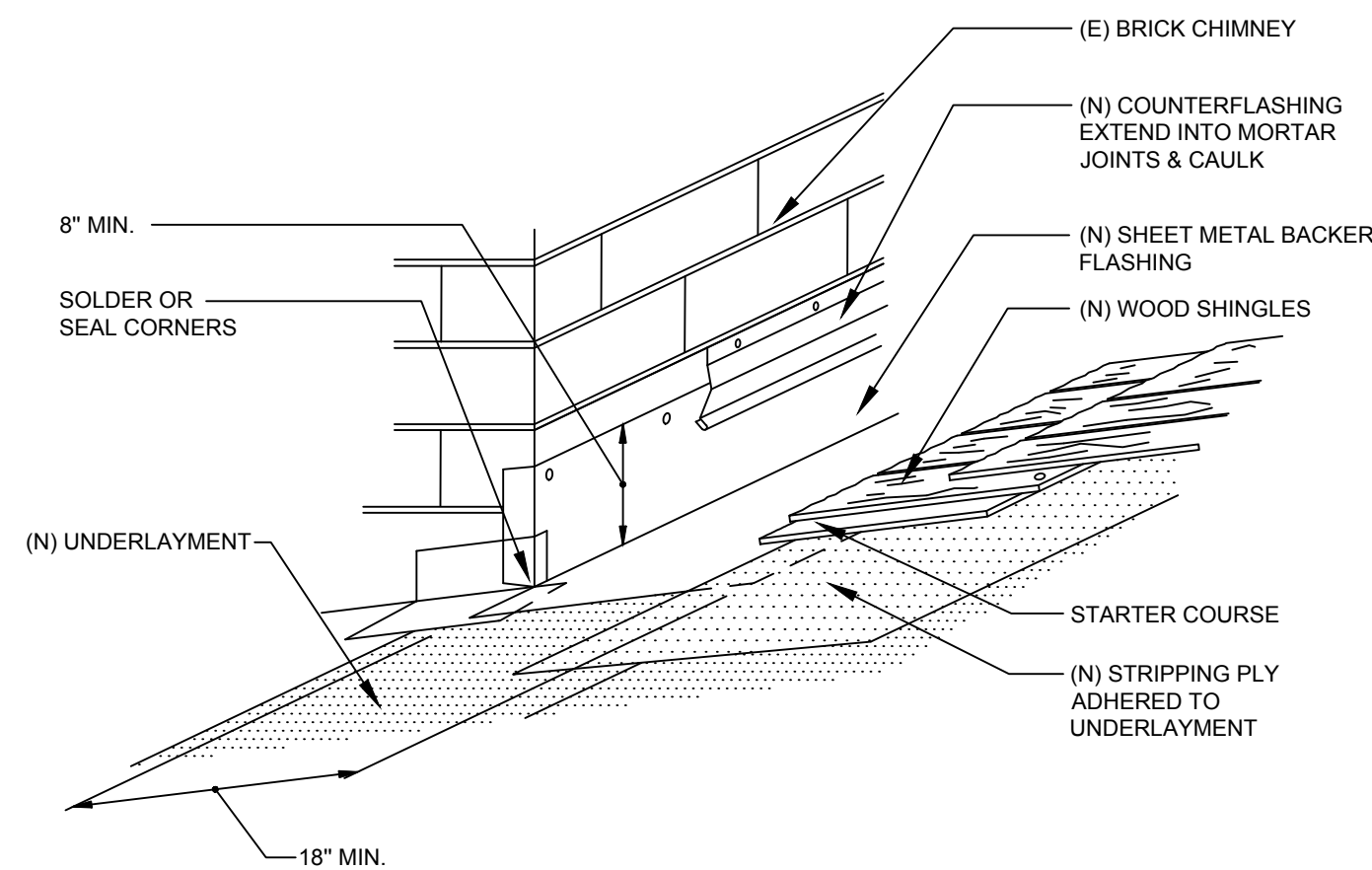
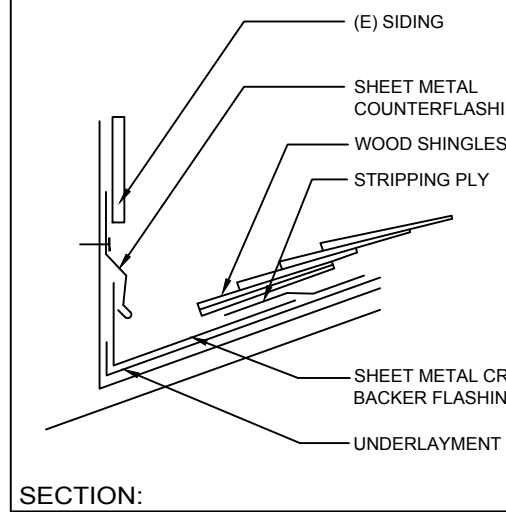
NOTES:

1. IF NEEDED TO INSTALL L METAL, REMOVE BOTTOM LAYER OF SIDING.
2. RE-INSTALL SIDING. PROVIDE PAINT TOUCH-UP IF NEEDED.
3. 'L' METAL SHALL EXTEND BEHIND BUILDING PAPER (IF PRESENT) ON WALL.
4. ALL NEW METAL SHALL BE STAINLESS STEEL (PAINTED) OR KYNAR COATED (COLOR TO MATCH HOUSE).

4 WALL FLASHING
A-3



5 HIP AND RIDGE
A-3



NOTES:

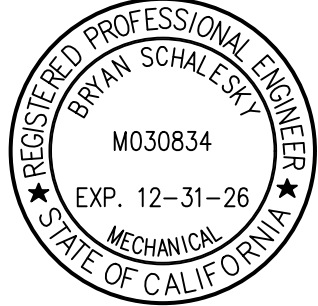
1. INSTALL SHEET METAL COUNTER FLASHING INTO MORTAR JOINTS AND SEAL WITH CAULKING.
2. MATCH EXISTING SHEET METAL FLASHING SYSTEM IN DIMENSION.
3. NEW SHEET METAL SHALL BE STAINLESS OR KYNAR COATED.

6 BACKER FLASHING AT CHIMNEY
A-3

General Notes

The purpose of these detail drawings is to show flashing configuration, not substrate conditions.
If conflict exists between manufacturer flashing requirements and these drawings, the more stringent shall apply.
If alteration of any flashing design is desired, submit shop drawing to College Representative for approval.
All details shall comply with the requirements set forth in the installation Manual from the Cedar Shake and Shingle Bureau.

Drawn by:
Bryan Schalesky
Skyline Engineering



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Salinas CA 93907

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CHABOT COMMUNITY COLLEGE
Mohr-Fry House
Roof Replacement

Project
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Date
September 2025

Scale
drawings are not to scale

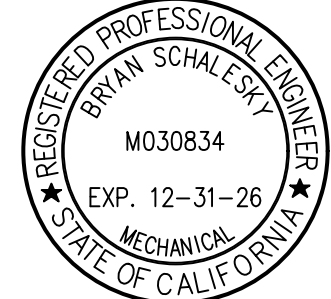
Sheet

A-3
Flashings

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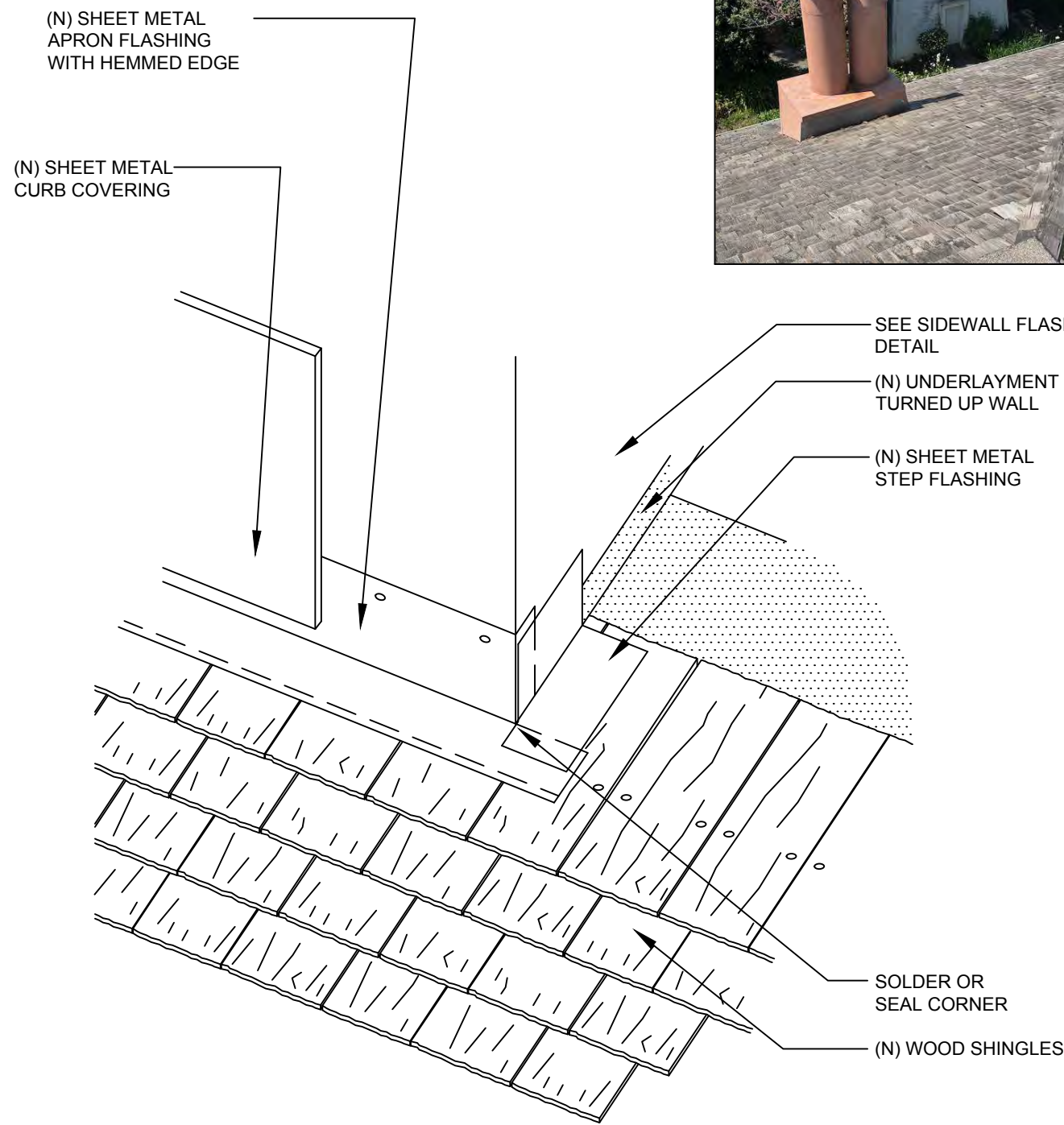
Project
Roof Replacement

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September 2025

Scale
drawings are not to scale

Sheet

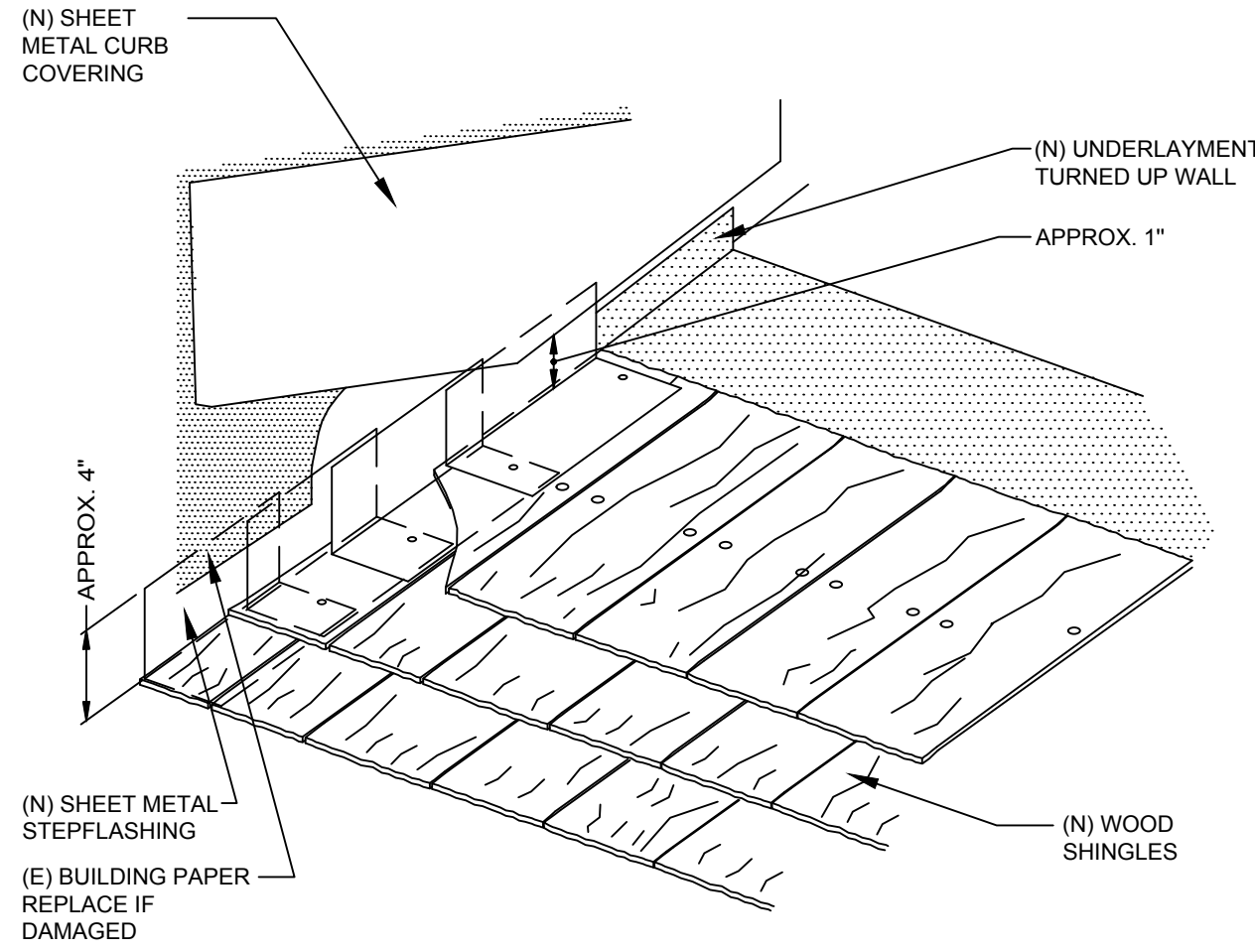
A-4
Flashings



NOTES:

1. REPLACE SHEET METAL CURB COVERING WITH STAINLESS STEEL OR KYNAR COATED.
2. USE THIS DETAIL FOR THE APRON AT THE CHIMNEY AS WELL. EXCEPT THAT THERE WILL BE A COUNTER FLASHING THAT EXTENDS AND IS SEALED INTO THE MORTAR JOINTS OF THE BRICK.

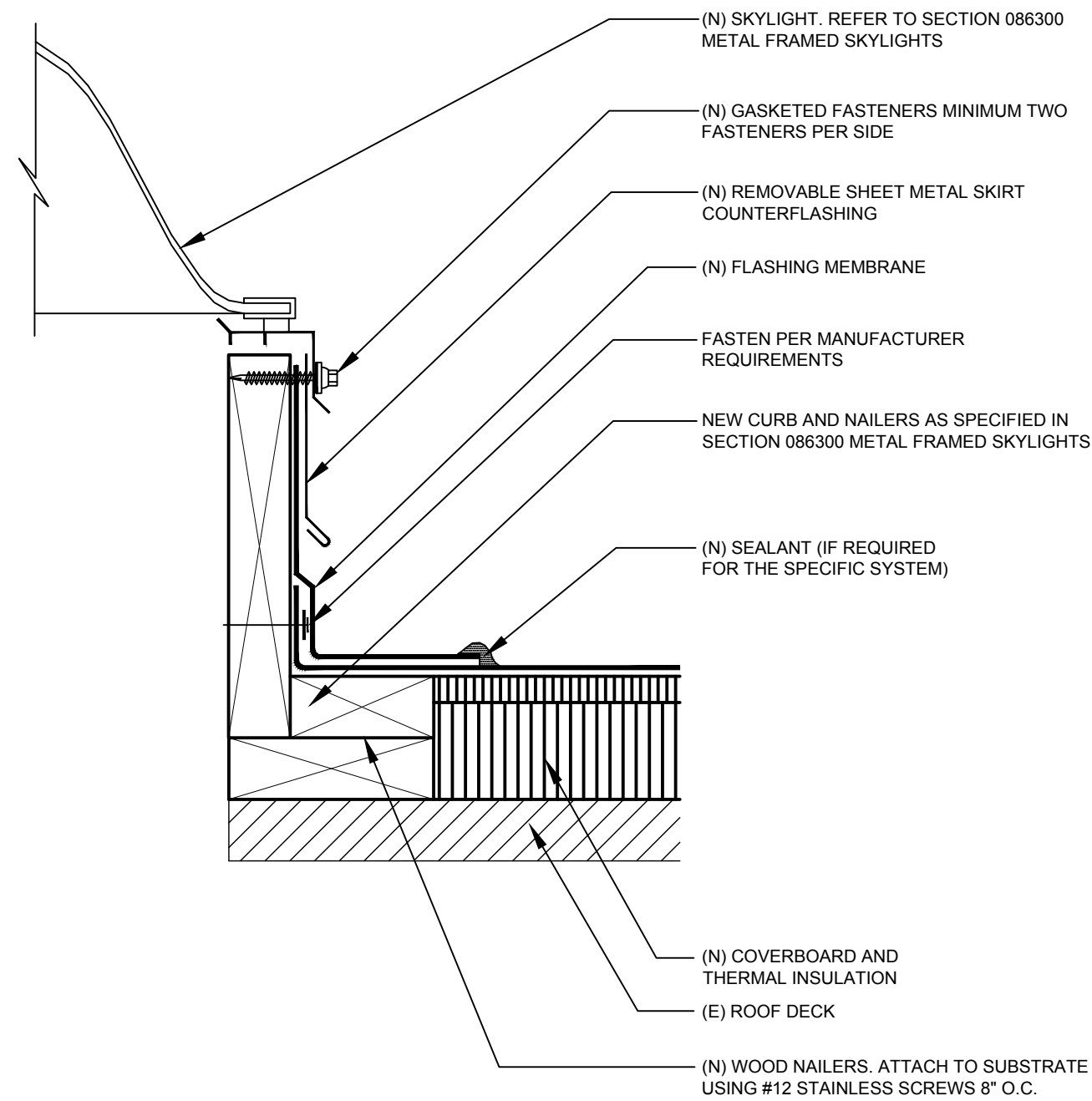
7 APRON FLASHING



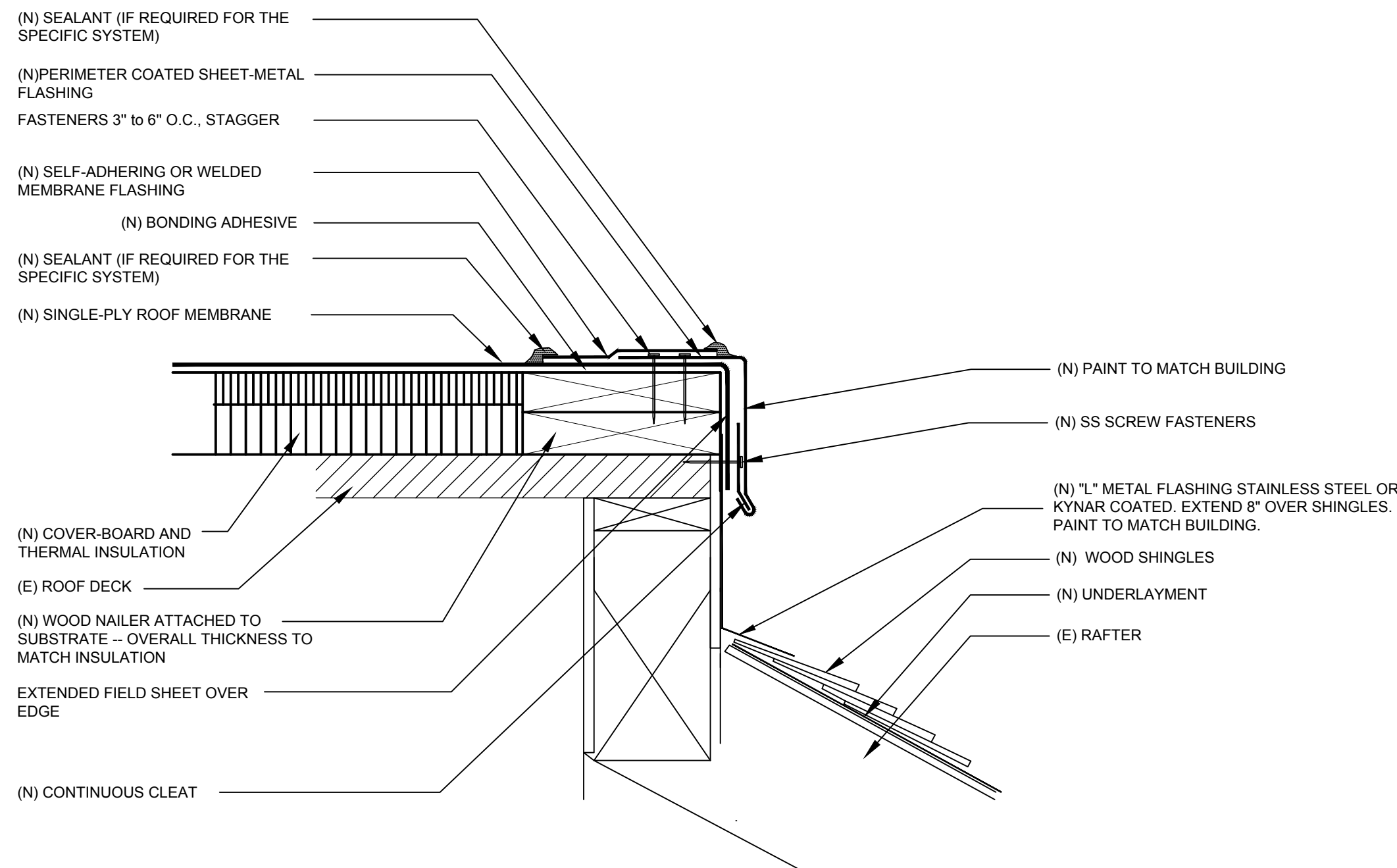
NOTES:

1. REMOVE SIDING AS NEEDED IN ORDER TO PROPERLY INSTALL STEP FLASHING. REPLACE SIDING THAT WAS REMOVED WITH NEW. PAINT WHERE APPROPRIATE.
2. AT DORMER ROOFS, REPLACE SIDING IN LIKE KIND. INSTALL NEW PAPER BACKING.

8 SIDEWALL FLASHING



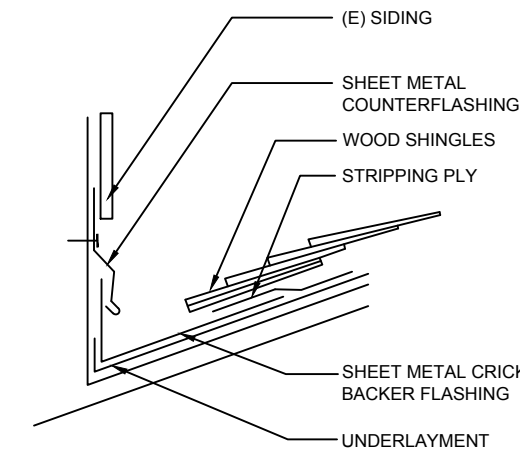
9 SKYLIGHTS



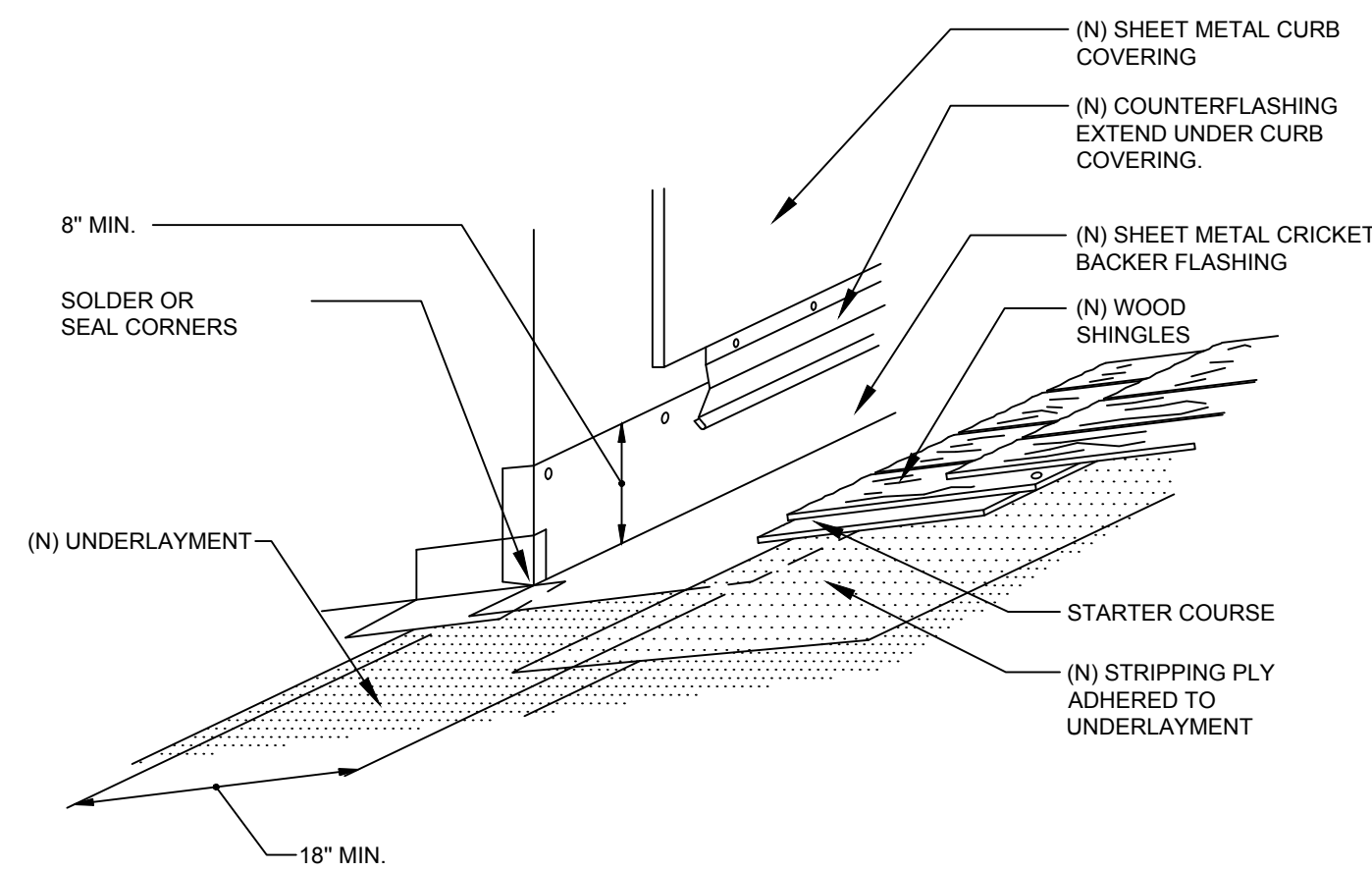
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9 LOW SLOPE TO STEEP TRANSITION



SECTION:



NOTES:

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2. AT DORMER ROOFS, REPLACE SIDING IN LIKE KIND. INSTALL NEW PAPER BACKING.

12 BACKER AT CURB