

CERTIFICATE OF APPROPRIATENESS PLACARD

for Raleigh Historic Resources

4028 CARYA DRIVE

Address

Historic District

OAK VIEW

Historic Property

024-15-MW

Certificate Number

3/6/2015

Date of Issue

9/6/2015

Expiration Date

Project Description:

- Replace roofing on cotton gin house, barn, carriage house, kitchen, main house - like for like.
- Change gutters on main house.
- Minor repairs on farm historic center..

OK to PERMIT

This card must be kept pasted in a location within public view until all phases of the described project are complete. The work must conform with the code of the City of Raleigh and laws of the state of North Carolina. When your project is complete, you are required to ask for a final zoning inspection in a historic district area. Telephone the RHDC office at 832-7238 and commission staff will coordinate the inspection with the Inspections Department. If you do not call for this final inspection, your Certificate of Appropriateness is null and void.

Signature

Raleigh Historic Development Commission

Pending the resolution of appeals, commencement of work is at your own risk.



Planning & Development

Development Services
Customer Service Center
One Exchange Plaza
1 Exchange Plaza, Suite 400
Raleigh, North Carolina 27601
Phone 919-996-2495
eFax 919-996-1831

Raleigh Historic Development Commission – Certificate of Appropriateness (COA) Application



Raleigh Historic Development Commission

- Minor Work (staff review) – 1 copy
- Major Work (COA Committee review) – 13 copies
 - Most Major Work Applications
 - Additions Greater than 25% of Building Square Footage
 - New Buildings
 - Demo of Contributing Historic Resource
- Post Approval Re-review of Conditions of Approval

For Office Use Only

Transaction # 424157
 File # 024-15-MW
 Fee N/A
 Amt Paid Gov't
 Check # _____
 Rec'd Date 2-25-15
 Rec'd By pbt

(mailed into 2nd floor)

- If completing by hand, please use BLACK INK. Do not use blue, red, any other color, or pencil as these do not photocopy.

Property Street Address 4028 CARYA DRIVE

Historic District _____

Historic Property/Landmark name (if applicable) HISTORIC OAK VIEW COUNTY PARK

Owner's Name WAKE COUNTY

Lot size _____ (width in feet) _____ (depth in feet)

For applications that require review by the COA Committee (Major Work), provide addressed, stamped envelopes to owners of all properties within 100 feet (i.e. both sides, in front (across the street), and behind the property) not including the width of public streets or alleys:

Property Address	Property Address

I understand that all applications that require review by the commission's Certificate of Appropriateness Committee must be submitted by 4:00 p.m. on the application deadline; otherwise, consideration will be delayed until the following committee meeting. An incomplete application will not be accepted.

Type or print the following:

Applicant HISTORIC OAK VIEW COUNTY PARK

Mailing Address 4028 CARVA DRIVE

City RALEIGH State NC Zip Code 27610

Date 2/20/15 Daytime Phone 919-212-7958

Email Address emily.catherman@wakegov.com

Signature of Applicant Emily Catherman

Minor Work Approval (office use only)

Upon being signed and dated below by the Planning Director or designee, this application becomes the Minor Work Certificate of Appropriateness. It is valid until 9/6/15. Please post the enclosed placard form of the certificate as indicated at the bottom of the card. Issuance of a Minor Work Certificate shall not relieve the applicant, contractor, tenant, or property owner from obtaining any other permit required by City Code or any law. Minor work projects not approved by staff will be forwarded to the Certificate of Appropriateness Committee for review at the next scheduled meeting.

Signature [Signature] Date 3/6/15

Project Categories (check all that apply):

Exterior Alteration

Addition

New Construction

Demolition

Will you be applying for state or federal rehabilitation tax credits for this project?

Yes

No

(Office Use Only)

Type of Work 40,60

Design Guidelines Please cite the applicable sections of the design guidelines (www.rhdc.org).

Section/Page	Topic	Brief Description of Work
<u>35/34-35</u>	<u>ROOFS</u>	<u>→ ROOF REPLACEMENT ON (TOWER GIN</u>
<u>3.1</u>	<u>WOOD</u>	<u>HOUSE, BARN, CARRIAGE HOUSE)</u>
<u>3.4</u>	<u>PAINT: PAINT COLORS</u>	<u>KITCHEN, SMALL REPAIR ON FARM</u>
		<u>HISTORY CENTER</u>
		<u>ROOF REPLACEMENT ON MAIN HOUSE</u>
		<u>ALL REPLACING LIKE WITH LIKE</u>

- change gutters on main house to copper 1/2 round

TO BE COMPLETED BY APPLICANT		TO BE COMPLETED BY CITY STAFF			
	YES	N/A	YES	NO	N/A
Attach 8-1/2" x 11" sheets with written descriptions and drawings, photographs, and other graphic information necessary to completely describe the project. Use the checklist below to be sure your application is complete. Minor Work (staff review) – 1 copy Major Work (COA Committee review) – 13 copies					
1. Written description. Describe clearly and in detail the nature of your project. Include exact dimensions for materials to be used (e.g. width of siding, window trim, etc.)	<input checked="" type="checkbox"/>				
2. Description of materials (Provide samples, if appropriate)	<input checked="" type="checkbox"/>				
3. Photographs of existing conditions are required.	<input checked="" type="checkbox"/>				
4. Paint Schedule (if applicable)	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
5. Plot plan (if applicable). A plot plan showing relationship of buildings, additions, sidewalks, drives, trees, property lines, etc., must be provided if your project includes any addition, demolition, fences/walls, or other landscape work. Show accurate measurements. You may also use a copy of the survey you received when you bought your property. Revise the copy as needed to show existing conditions and your proposed work.	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
6. Drawings showing proposed work <ul style="list-style-type: none"> <input type="checkbox"/> Plan drawings <input type="checkbox"/> Elevation drawings showing the new façade(s). <input type="checkbox"/> Dimensions shown on drawings and/or graphic scale. <input type="checkbox"/> 8-1/2" x 11" reductions of full-size drawings. If reduced size is so small as to be illegible, make 8-1/2" x 11" snap shots of individual drawings on the big sheet. 	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
7. Stamped envelopes addressed to all property owners within 100 feet of property not counting the width of public streets and alleys. (Required for Major Work)	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
8. Fee (See Development Fee Schedule)	<input type="checkbox"/>				

SEE ATTACHED SHEETS

HISTORIC OAK VIEW COUNTY PARK

1. Written Description:

Replace wood shakes on Oak View Main House to include copper half-round gutter and round downspout installation and copper flashings.

V5 Crimp panels to be replaced on out-buildings.

Any wood replacement to match existing in shape and size, and primed and painted with approved products.

2. Wood shakes to be No. 1 Blue label Cedar shakes matching existing in size and profile.

V5 Crimp panels to match existing in size and profile.

3. Photos attached.

4. Exterior Wood Primer: Sherwin-Williams Exterior Oil-based Wood Primer Y24W08020.

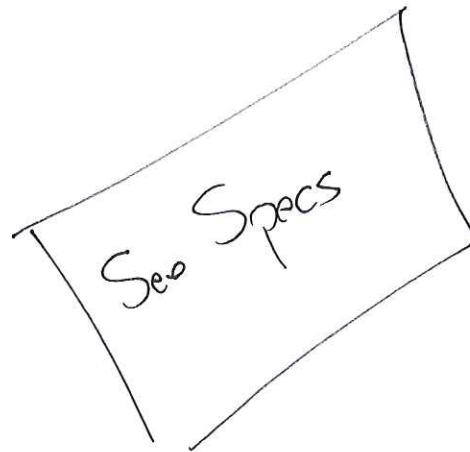
Exterior Finish Coats: Sherwin-Williams Emerald Exterior Latex Satin K48W00051.

5. See attached plans and specs.

6. See attached.

7. Not applicable.

8. ?



See Specs



OAK VIEW MAIN HOUSE - END VIEW



OAK VIEW MAIN HOUSE - END VIEW



OAK VIEW MAIN HOUSE - REAR VIEW



OAK VIEW MAIN HOUSE - FRONT VIEW



FARM HISTORY MUSEUM



FARM HISTORY MUSEUM - CORNER TO BE REPAIRED



CARRIAGE HOUSE



COTTON MUSEUM



OAK VIEW BARN



OAK VIEW BARN



OAK VIEW MAIN HOUSE - ROOF



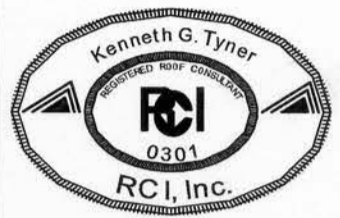
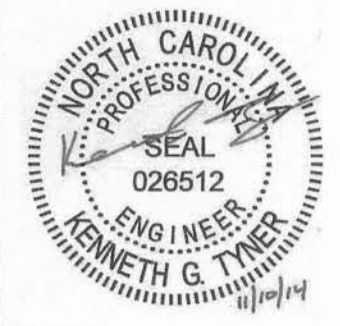
OAK VIEW PLANK KITCHEN

HISTORIC OAK VIEW COUNTY PARK ROOF REPLACEMENTS



8001 CREEDMOOR ROAD
SUITE 107
RALEIGH, NC 27613
PH. 919-845-1450
FAX 919-870-8885

ROOFING, WATERPROOFING
AND BUILDING ENVELOPE
ENGINEERS & CONSULTANTS
CERTIFICATE NO. C-1520



VICINITY



SITE

2012 APPENDIX B BUILDING CODE SUMMARY FOR COMMERCIAL ROOF REPLACEMENT PROJECTS

Name of Project: Historic Oak View County Park
Address: 4028 Carva Dr, Raleigh, NC Zip Code: 27610
Proposed Use: Museum
Owner/Authorized Agent: Eric Staehle
Phone: 919-856-6369 E-Mail: eric.staehle@wakegov.com
Owned By: City/County Private State
Code Enforcement Jurisdiction: City County State

ROOFING CONSULTANT
FIRM: REI Engineers NAME: Kenneth Tyner LICENSE #: 026512 TELEPHONE #: (919) 845-1450 E-MAIL: ktynr@reiengineers.com

2012 EDITION OF NC CODE FOR:
EXISTING Repair Renovation

BASIC BUILDING DATA
Construction Type: I-A II-A III-A IV V-A
(check all that apply) I-B II-B III-B V-B
Sprinklers: No Partial Yes NFPA 13 NFPA 13R NFPA 13D
Fire District: No Yes (Primary)
Building Height: (feet) 15'
Total Roof Area: (Sq feet) 14,310

OCCUPANCY
Assembly A-1 A-2 A-3 A-4 A-5
Business
Educational
Factory F-1 Moderate F-2 Low
Hazardous H-1 Detonate H-2 Deflagrate H-3 Combust H-4 Health H-5 HPM
Institutional I-1 I-2 I-3 I-4
I-3 Condition 1 2 3 4 5
Mercantile
Residential R-1 R-2 R-3 R-4
Storage S-1 Moderate S-2 Low High-piled
 Parking Garage Open Enclosed Repair Garage
Utility and Miscellaneous

2012 NC Administrative Code and Policies

Accessory Occupancies:
Assembly A-1 A-2 A-3 A-4 A-5
Business
Educational
Factory F-1 Moderate F-2 Low
Hazardous H-1 Detonate H-2 Deflagrate H-3 Cust H-4 Health H-5 HPM
Institutional I-1 I-2 I-3 I-4
I-3 Condition 1 2 3 4 5
Mercantile
Residential R-1 R-2 R-3 R-4
Storage S-1 Moderate S-2 Low High-piled
 Parking Garage Open Enclosed Repair Garage
Utility and Miscellaneous

FIRE PROTECTION REQUIRENS

BUILDING ELEMENT	RATING	DESIGN # FOR RATED ASSEMBLY
Roof Construction	0	0

---These are Historic Buildings and do not constitute tinct life safety hazard---

STRUCTURAL DESIGN

DESIGN LOADS:

Wind Uplift Resistance:
Basic Wind Speed 90 mph (ASCE-7)
Exposure Category C
Design Pressures (psf):
MAIN HOUSE - SHAKES
Field -22
Perimeter -26
Corner -26
MAIN HOUSE PORCH
Field _____
Perimeter _____
Corner _____

Roof System Dead Load:
Existing System 2 to 2.4 psf
Replacement System 2.7 psf

Resulting Live Load Capacity 20 psf

Snow Load: 8.4 psf

2012 NC Administrative Code and Policies

ENERGY SUMMARY

ENERGY REQUIREMENTS:

The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the project data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the proposed design.

Climate Zone: 3 4 5

Method of Compliance:

Prescriptive (Energy Code)
 Performance (Energy Code)
 Prescriptive (ASHRAE 90.1)
 Performance (ASHRAE 90.1)

THERMAL ENVELOPE

Roof/Ceiling Assembly (each assembly)

Description of assembly: Main House Shakes - Wood shakes over felt underlayment over plank decking

U-Value of total assembly: 0.613

R-Value of insulation: N/A

Skylights in each assembly: 0

U-Value of skylight: _____

Total square footage of skylights in each assembly: _____

Description of assembly: Main House Porch - Membrane roofing over tapered insulation over plywood decking

U-Value of total assembly: 1.282

R-Value of insulation: N/A

Skylights in each assembly: 0

U-Value of skylight: _____

Total square footage of skylights in each assembly: _____

2012 NC Administrative Code and Policies

COVER SHEET
HISTORIC OAK VIEW COUNTY PARK
WAKE COUNTY
RALEIGH, NORTH CAROLINA

REVISION #	REVISION DATE
1	
2	
3	
4	

DATE:

OCTOBER 13, 2014

SCALE:

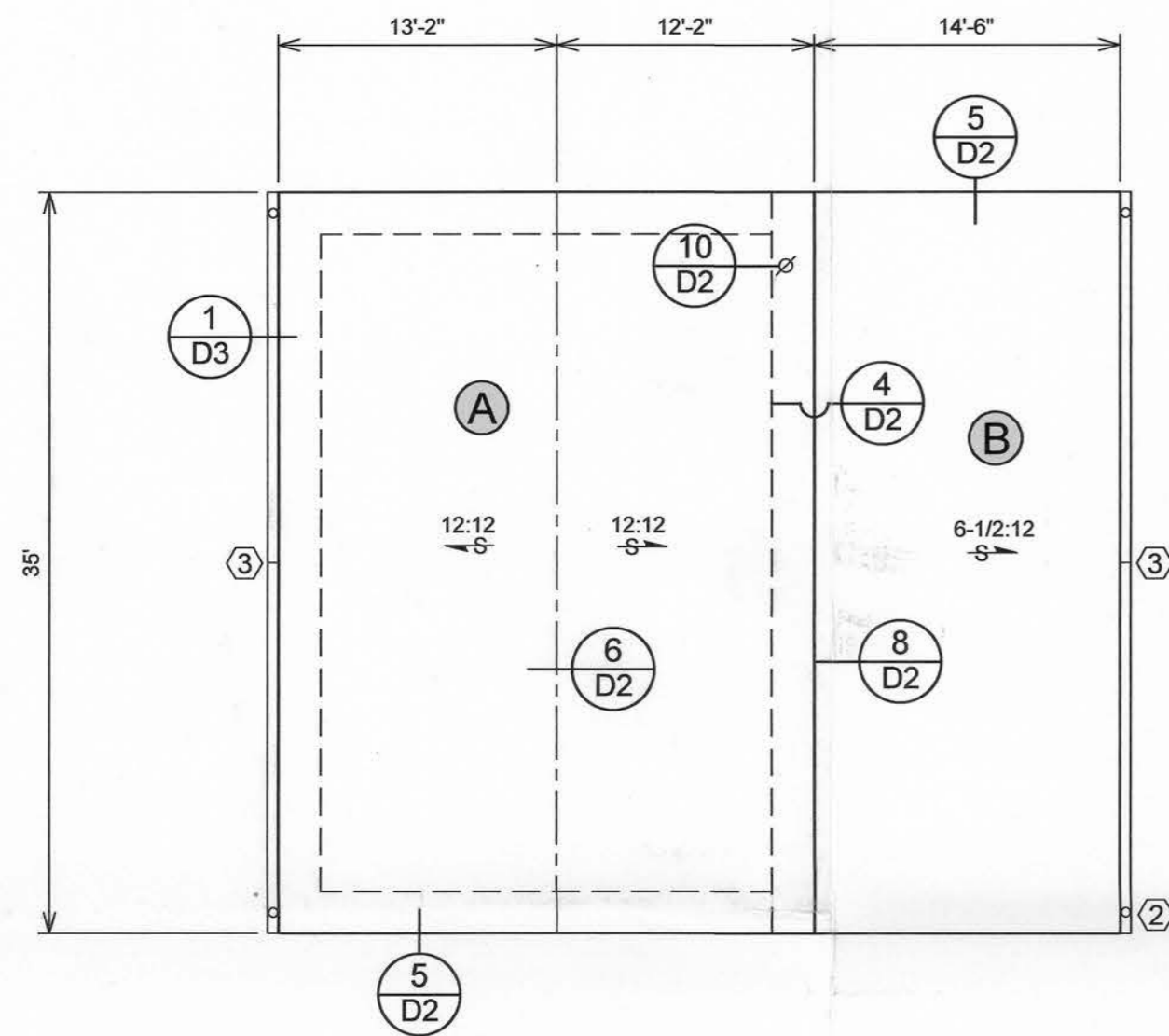
NONE

REI PROJECT NO:

014RAL-075

DRAWING:

CO

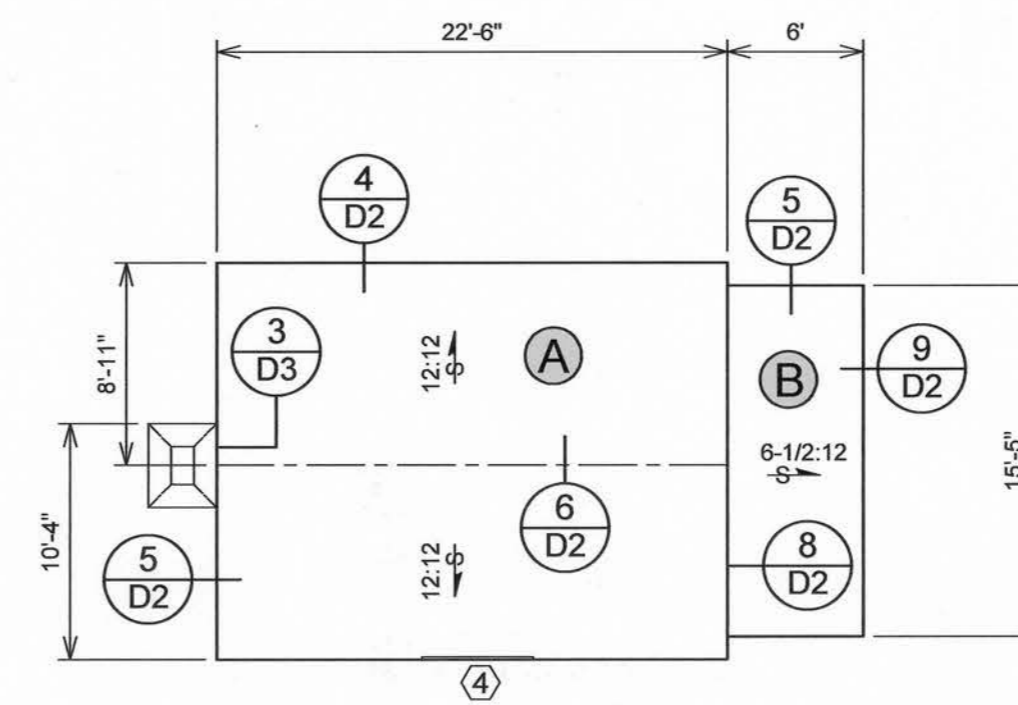


SECTOR	SQUARE FOOTAGE*
A	1,250
B	560
TOTAL	1,810

*CONTRACTOR TO VERIFY FOR BIDDING PURPOSES

KEY	
—	ROOF EDGE
—	GUTTER/DOWNSPOUT
—	RIDGE
—	VALLEY
⊕	SOIL STACK
-S	STRUCTURAL SLOPE
①	NOTE NUMBER

1 ROOF PLAN - CARRIAGE HOUSE
R2 1/8" = 1'-0"

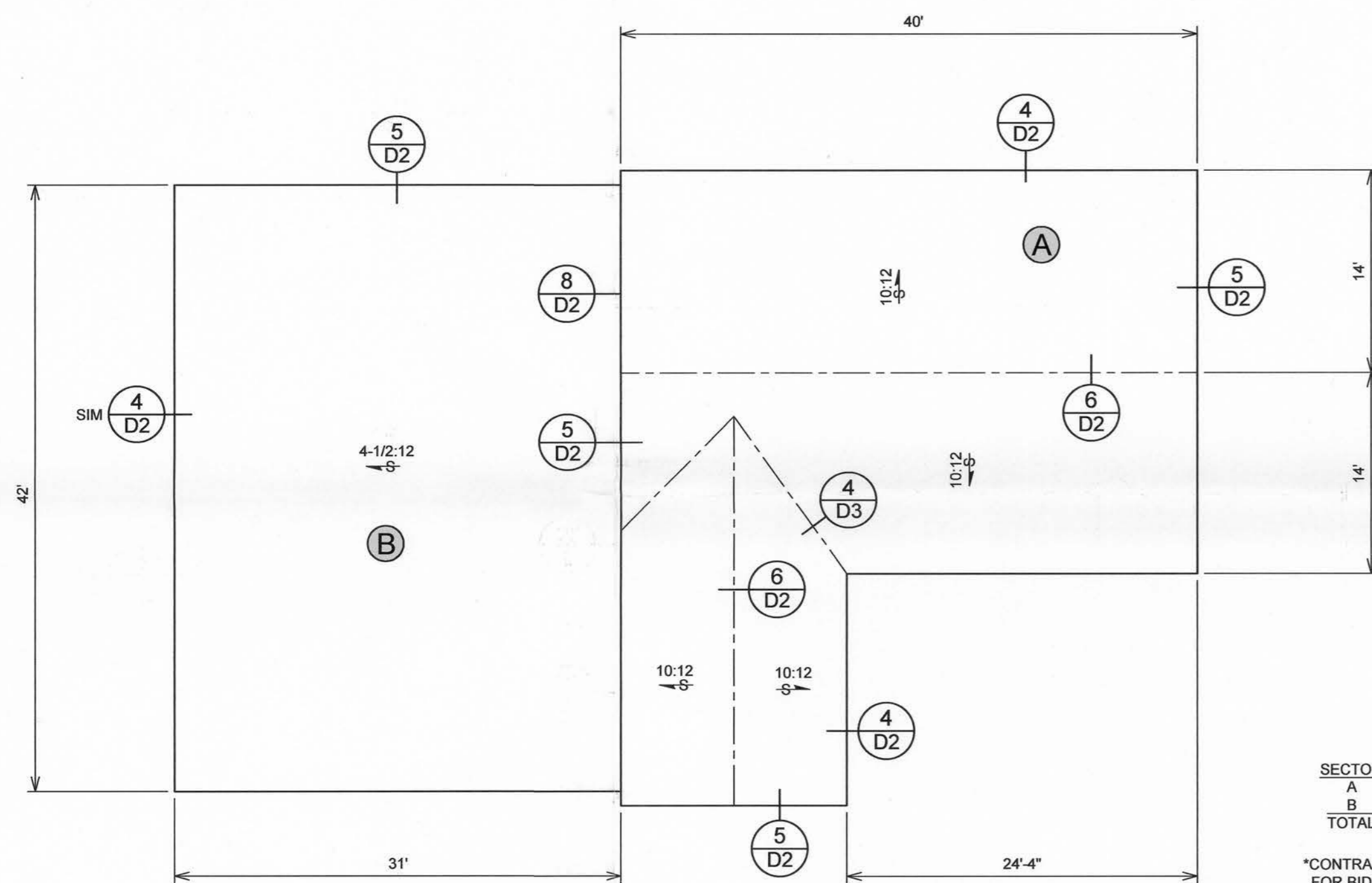


SECTOR	SQUARE FOOTAGE*
A	555
B	105
TOTAL	660

*CONTRACTOR TO VERIFY FOR BIDDING PURPOSES

2 ROOF PLAN - PLANK KITCHEN
R2 1/8" = 1'-0"

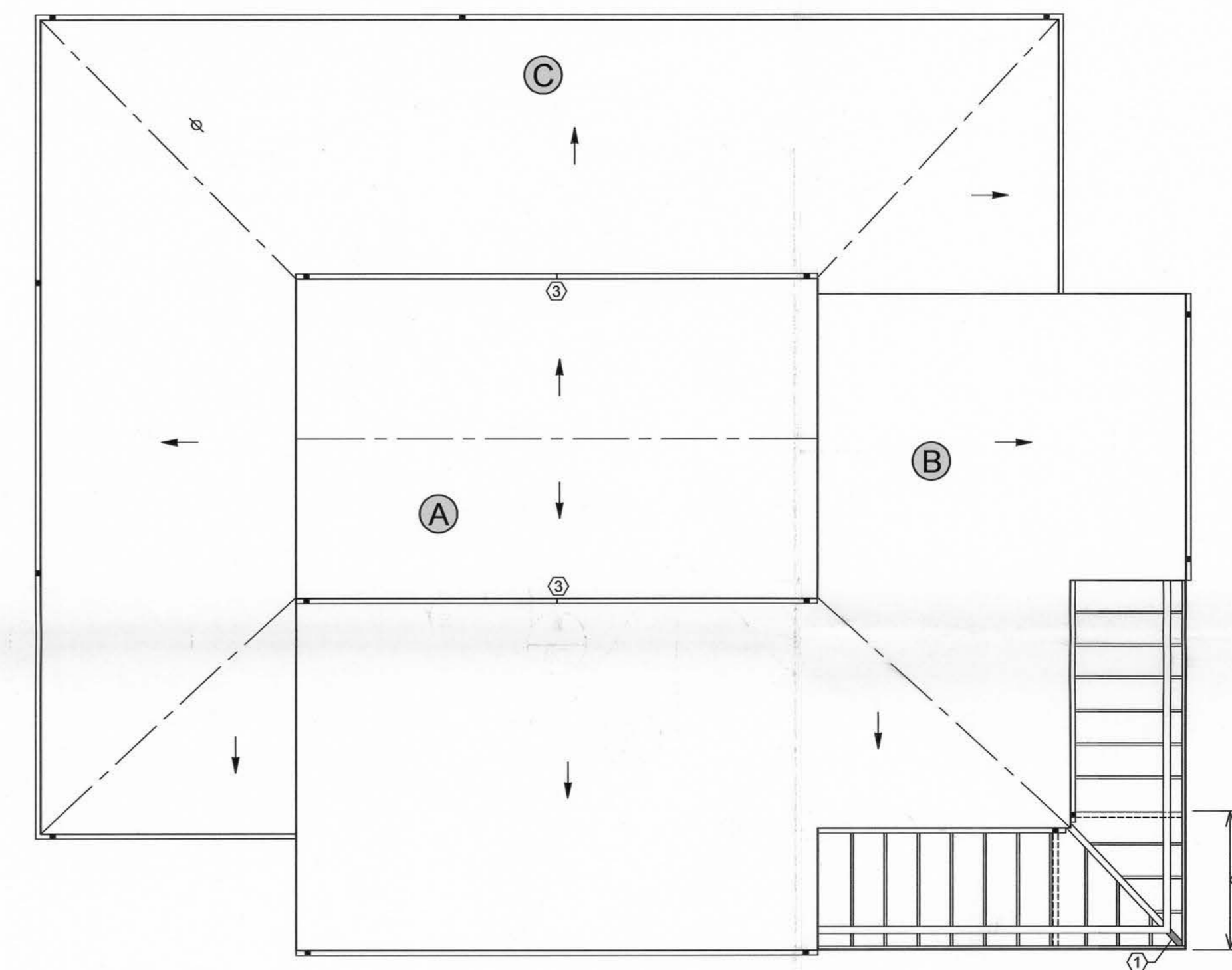
- REROOFING NOTES:
- WATER TEST UNDERGROUND DRAINAGE SYSTEM PRIOR TO REROOFING ACTIVITIES PER SPECIFICATION SECTION 07 01 50.
 - REPLACE GUTTER OUTLET ELBOW ON CARRIAGE HOUSE.
 - SEAL GUTTER JOINTS, PREPARE AND COAT GUTTER INTERIORS ON CARRIAGE HOUSE.
 - INSTALL WATER DIVERTER OVER PLANK KITCHEN DOOR SIMILAR TO EXISTING.



SECTOR	SQUARE FOOTAGE*
A	1,385
B	1,785
TOTAL	3,170

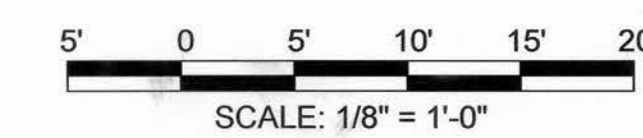
*CONTRACTOR TO VERIFY FOR BIDDING PURPOSES

3 ROOF PLAN - COTTON MUSEUM
R2 1/8" = 1'-0"

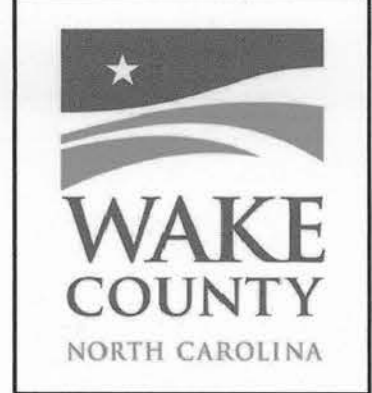


- FARM HISTORY MUSEUM REPAIR NOTES:
- REPLACE INFILL END SECTION OF GLULAM (GLUED AND LAMINATED) BEAM. DOUBLE PRIME AND PAINT.
 - REPLACE 16' SECTION OF 1 X 12 FASCIA. PRIME AND DOUBLE PAINT.
 - SEAL GUTTER JOINTS, PREPARE AND COAT GUTTER INTERIORS (UPPER SECTOR A ONLY).

4 ROOF PLAN - FARM HISTORY MUSEUM
R2 1/8" = 1'-0"



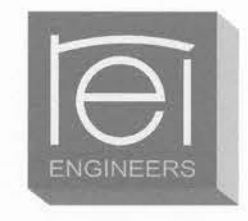
8001 CREEDMOOR ROAD
SUITE 107
RALEIGH, NC 27613
PH 919-845-1450
FAX 919-870-8885
ROOFING, WATERPROOFING
AND BUILDING ENVELOPE
ENGINEERS & CONSULTANTS
CERTIFICATE NO. C-1520



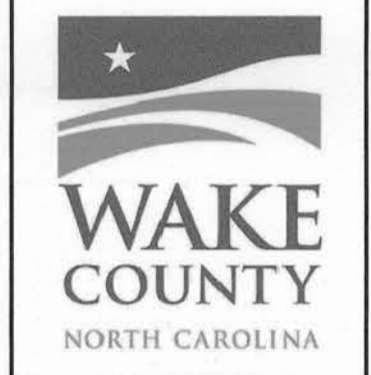
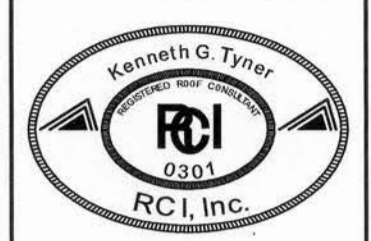
ROOF PLAN - CARRIAGE HOUSE, PLANK KITCHEN AND COTTON MUSEUM
HISTORIC OAK VIEW COUNTY PARK
WAKE COUNTY
RALEIGH, NORTH CAROLINA

REVISION #	REVISION DATE
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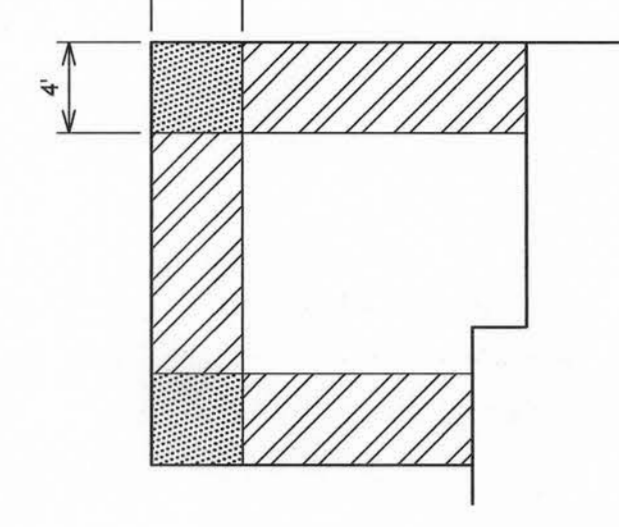
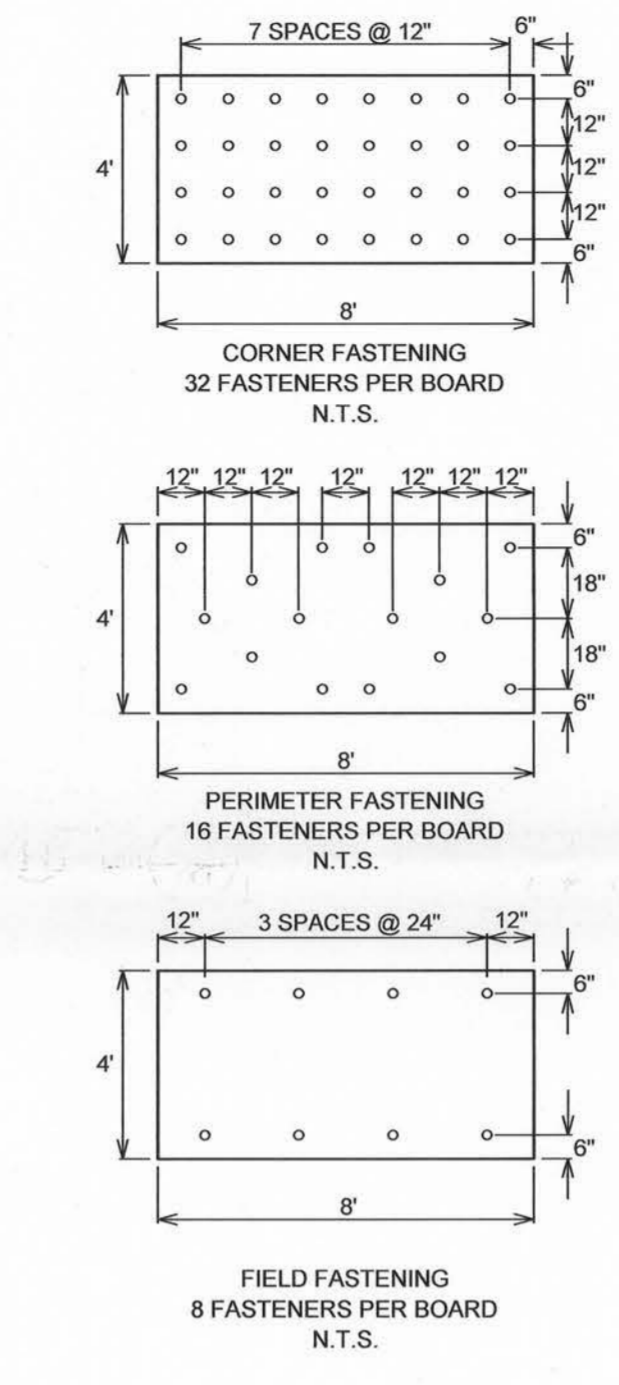
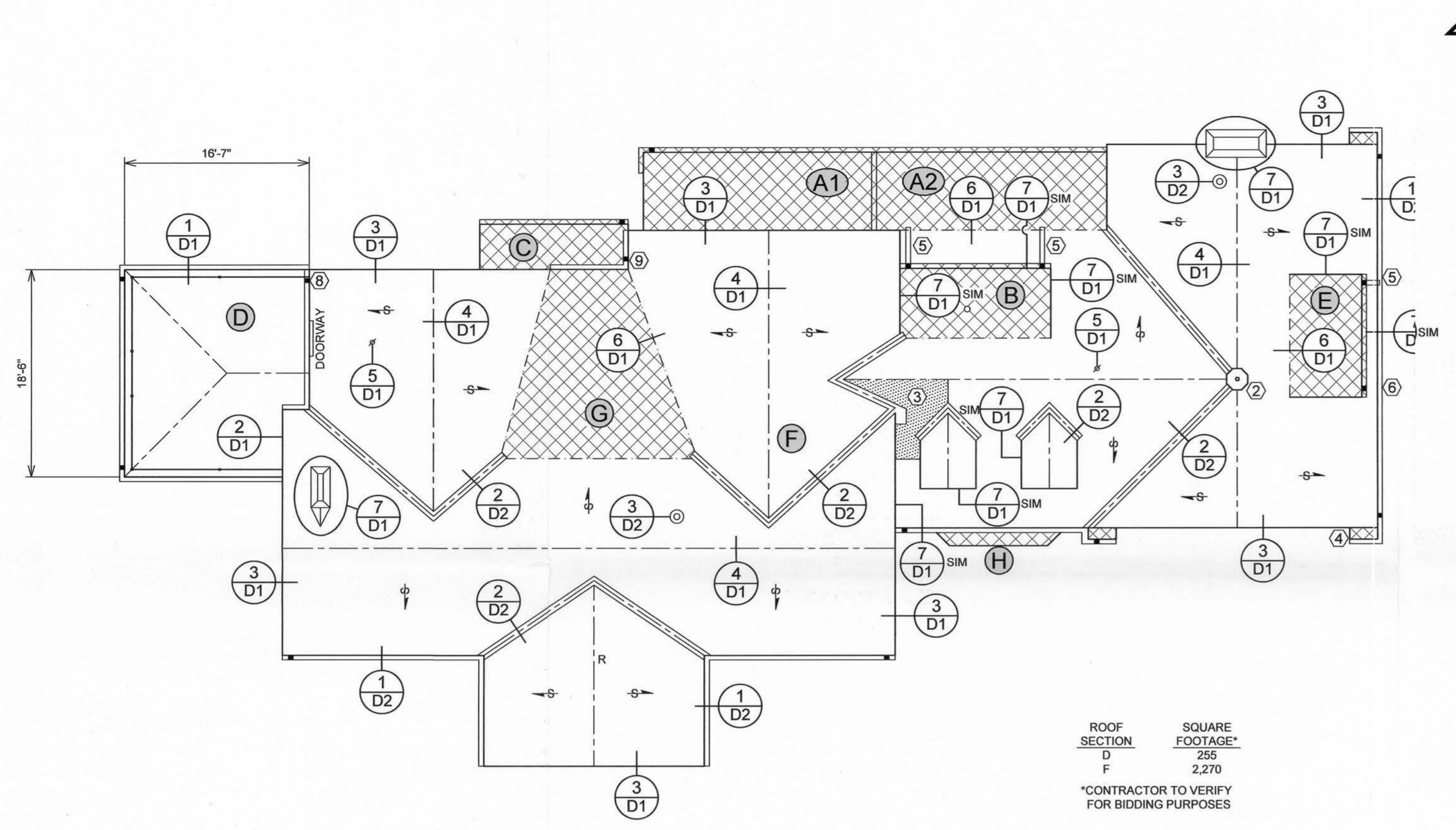
DATE:
OCTOBER 13, 2013
SCALE:
1/8" = 1'-0"
REI PROJECT NO:
014RAL-075
DRAWING:
R2



8001 CREEDMOOR ROAD
SUITE 107
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FAX 919-870-6885
ROOFING, WATERPROOFING
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CERTIFICATE NO. C-1520



ROOF PLAN - MAIN HOUSE AND BARN
HISTORIC OAK VIEW COUNTY PARK
WAKE COUNTY
RALEIGH, NORTH CAROLINA

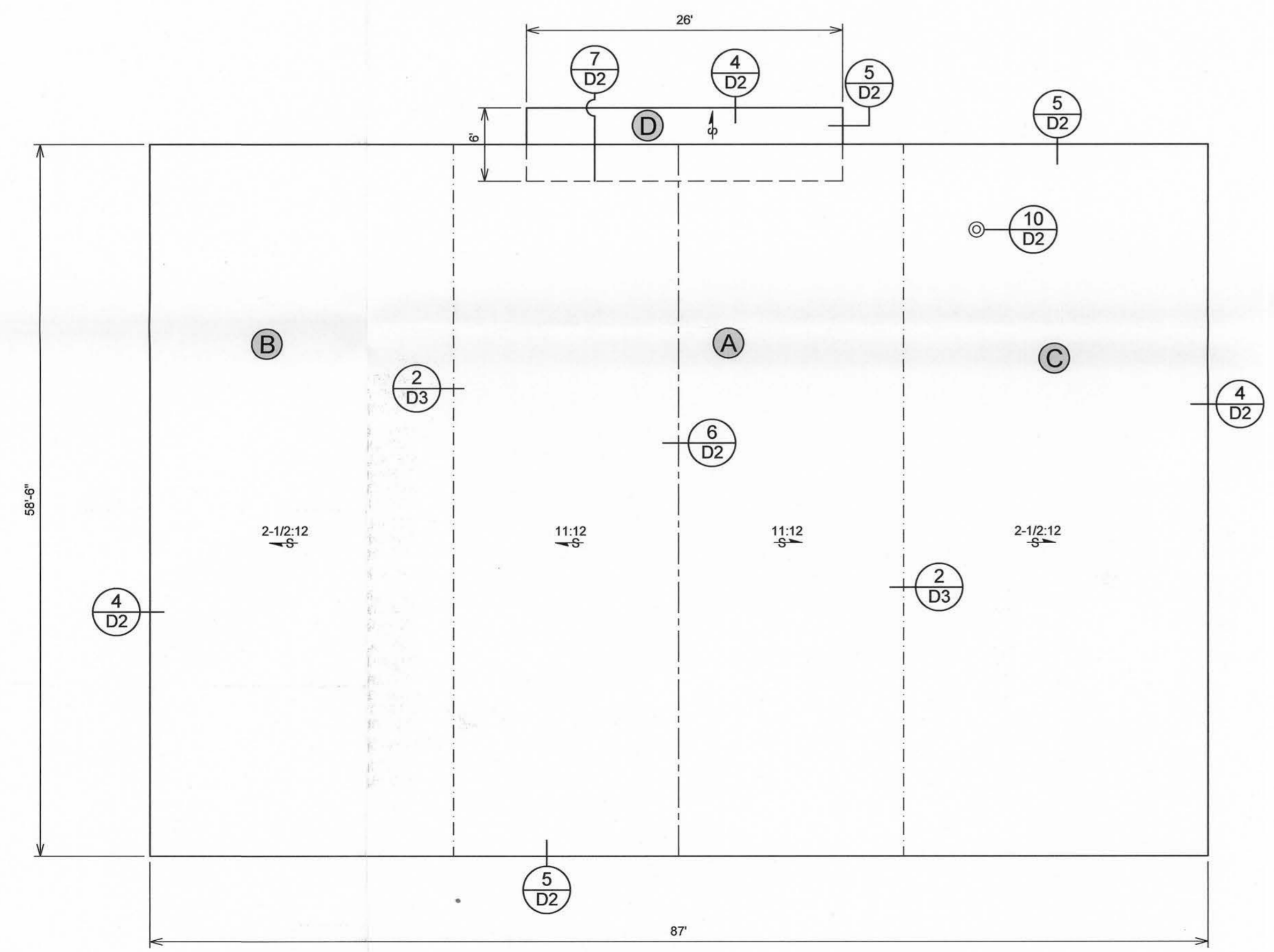


INSULATION FASTENING SECTOR D

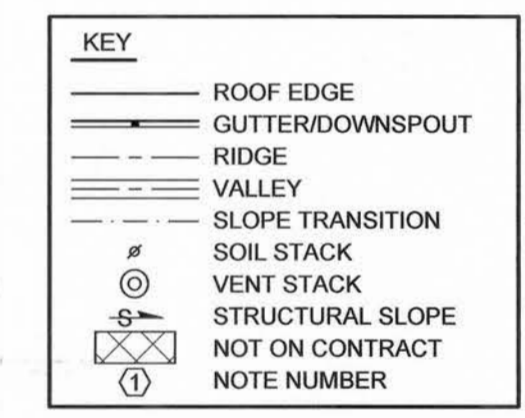
- CORNER FASTENING PATTERN
- PERIMETER FASTENING PATTERN
- FIELD FASTENING PATTERN

2 INSULATION FASTENING PLAN - OAK VIEW MAIN HOUSE SECTOR D
1" = 10"

1 ROOF PLAN - OAK VIEW MAIN HOUSE
1" = 10"



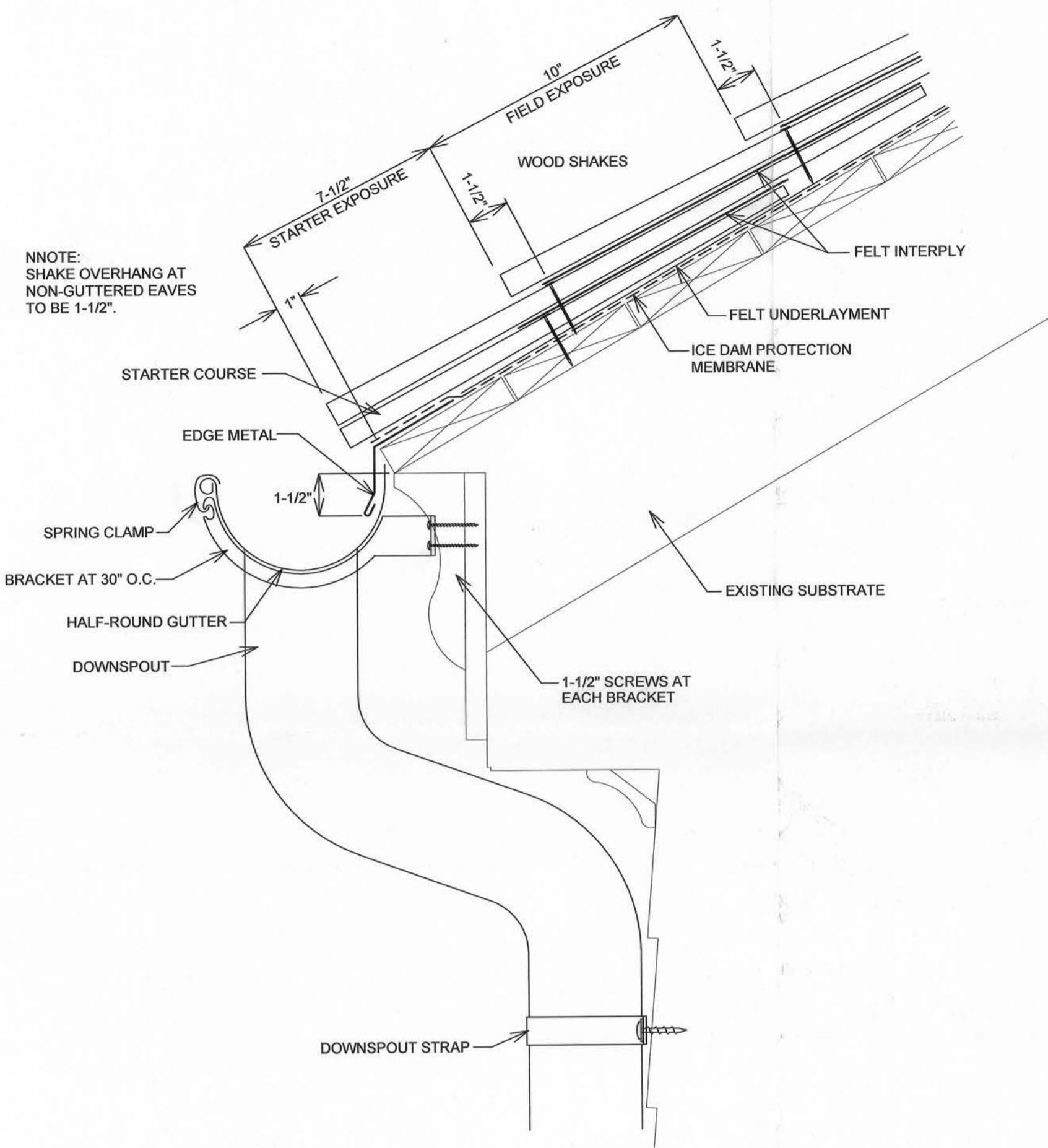
3 ROOF PLAN - BARN
1/8" = 1'-0"



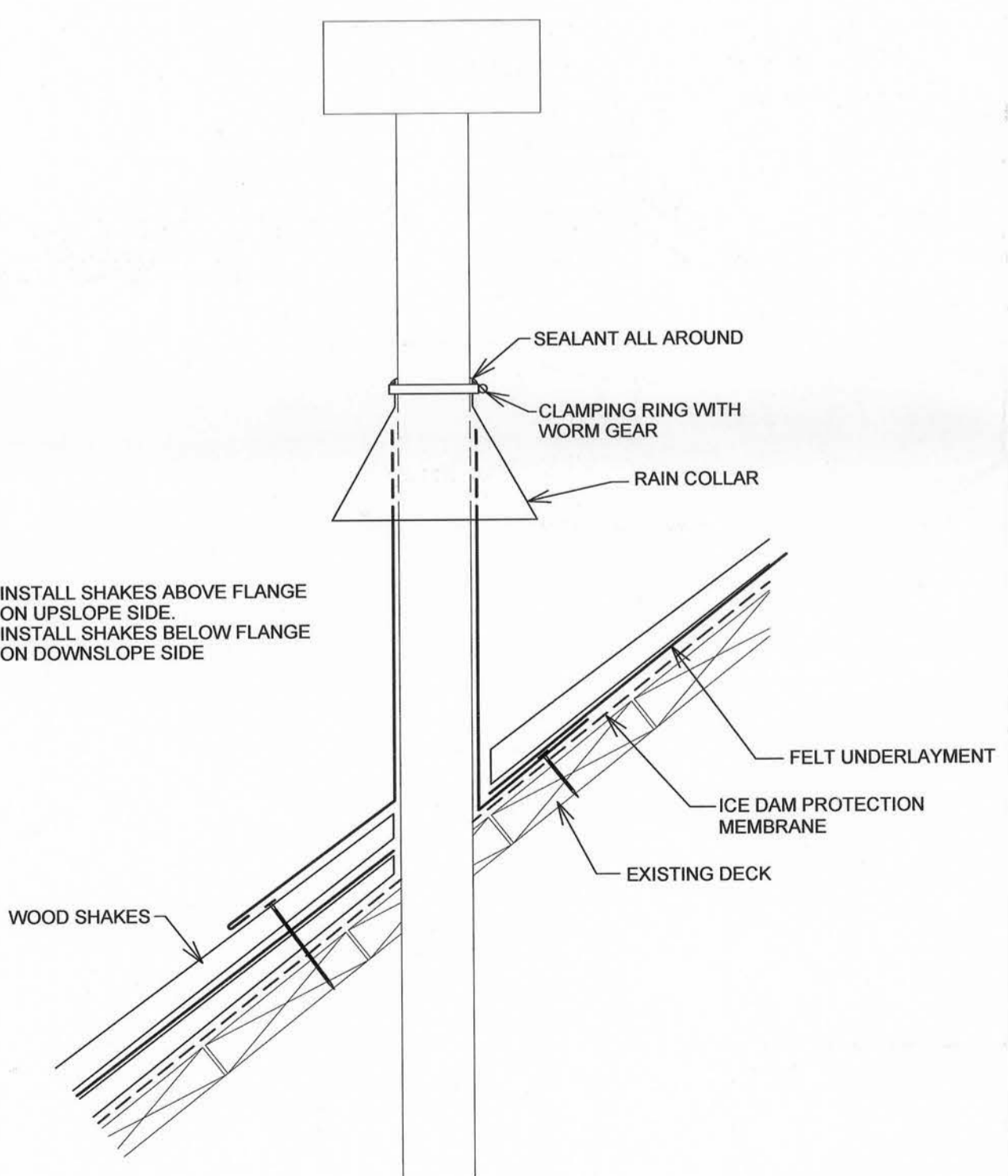
- NOTES:
- 1 WATER TEST UNDERGROUND DRAINAGE SYSTEM PRIOR TO REROOFING ACTIVITIES PER SPECIFICATION SECTION 07 01 50.
 - 2 REMOVE CUPOLA ON MAIN HOUSE AND STORE SAFELY. PROVIDE PROTECTION FOR EXPOSED SUBSTRATE. INSTALL ICE DAM PROTECTION MEMBRANE AROUND OPENING. INSTALL VALLEY METAL. VALLEY METAL TO EXTEND TO OPENING. REINSTALL CUPOLA PRIOR TO SHAKE INSTALLATION. BUTT SHINGLES UP TO CUPOLA.
 - 3 INSTALL ICE DAM PROTECTION MEMBRANE OVER THIS ENTIRE AREA. EXTEND VALLEY METAL MIN. 12" OUT FROM CORNER AND 12" DOWN SLOPE.
 - 4 METAL RETURNS NOT IN CONTRACT.
 - 5 TEMPORARILY REMOVE DOWNSPOUT OUTLETS TO FACILITATE NEW ROOF WORK. REINSTALL WHEN ROOF WORK COMPLETE.
 - 6 INSTALL NEW DOWNSPOUT OUTLET WHERE MISSING. MATCH EXISTING.
 - 7 GUTTERS AND DOWNSPOUTS ON MAIN HOUSE SECTORS F AND G TO BE REPLACED. GUTTERS AND DOWNSPOUTS ON SECTORS A1, A2, B, C, AND E ARE NOT IN CONTRACT AND ARE TO REMAIN.
 - 8 DOWNSPOUT TO DISCHARGE INTO GUTTER BELOW.
 - 9 PROVIDE DOWNSPOUT DISCHARGE OUTLET TO EXTEND INTO GUTTER BELOW.

REVISION #	REVISION DATE

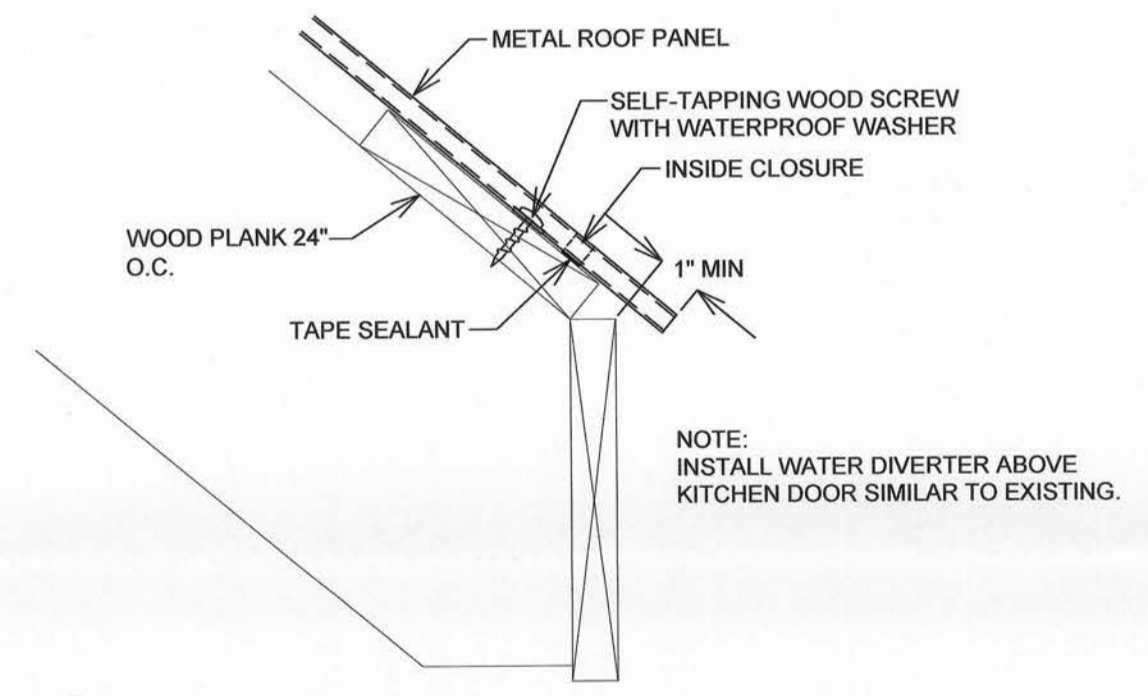
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OCTOBER 13, 2013
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1/8" = 1'-0"
REI PROJECT NO:
014RAL-075
DRAWING:
R1



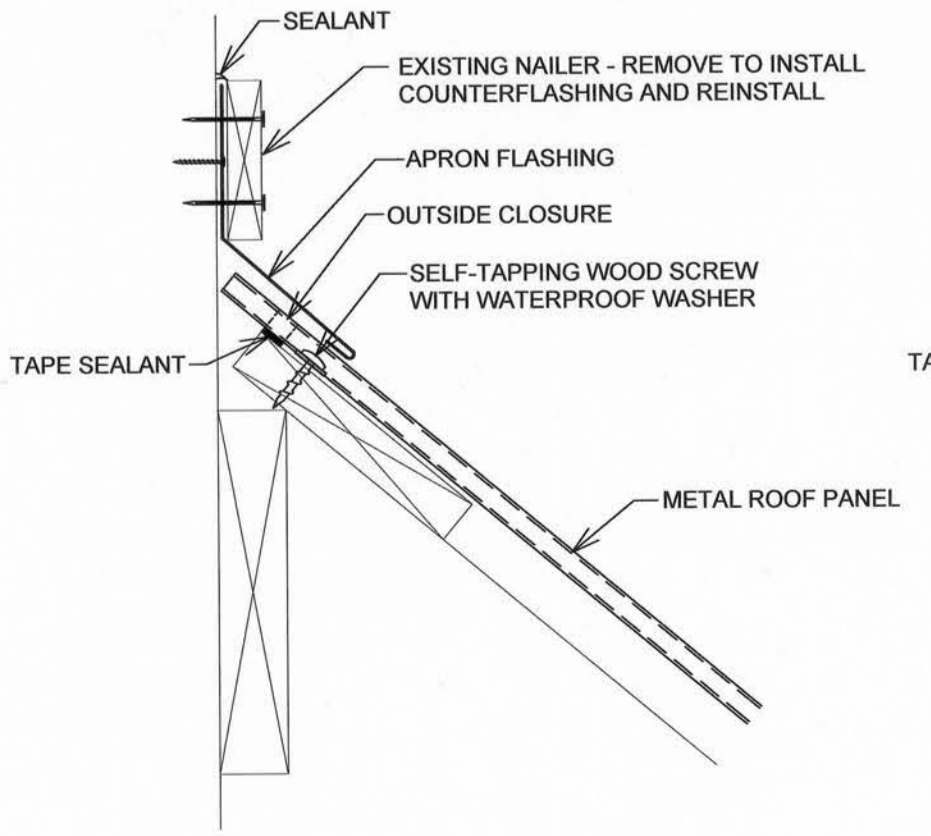
1 GUTTER EDGE
D2 3" = 1'-0"



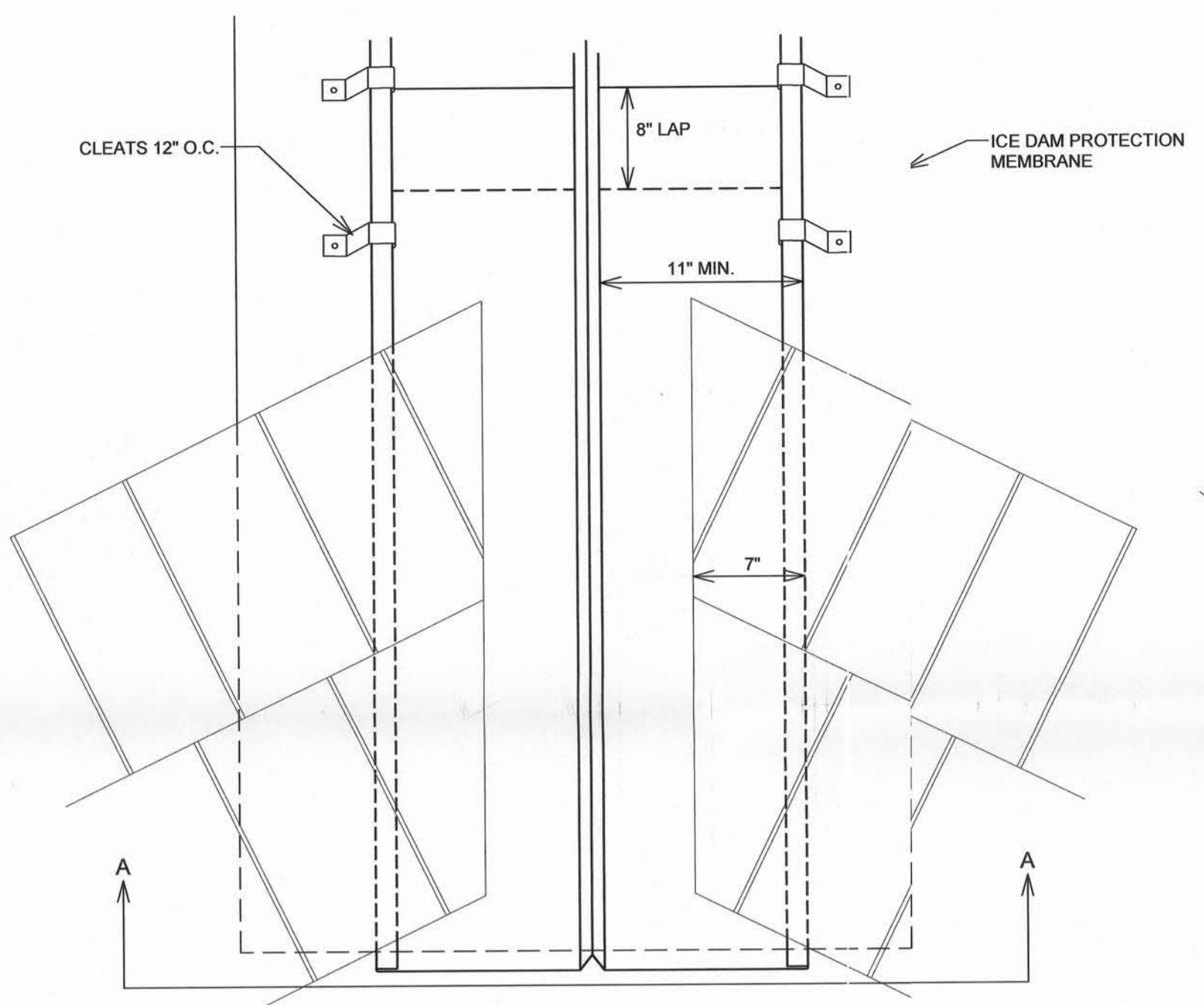
3 VENT STACK
D2 3" = 1'-0"



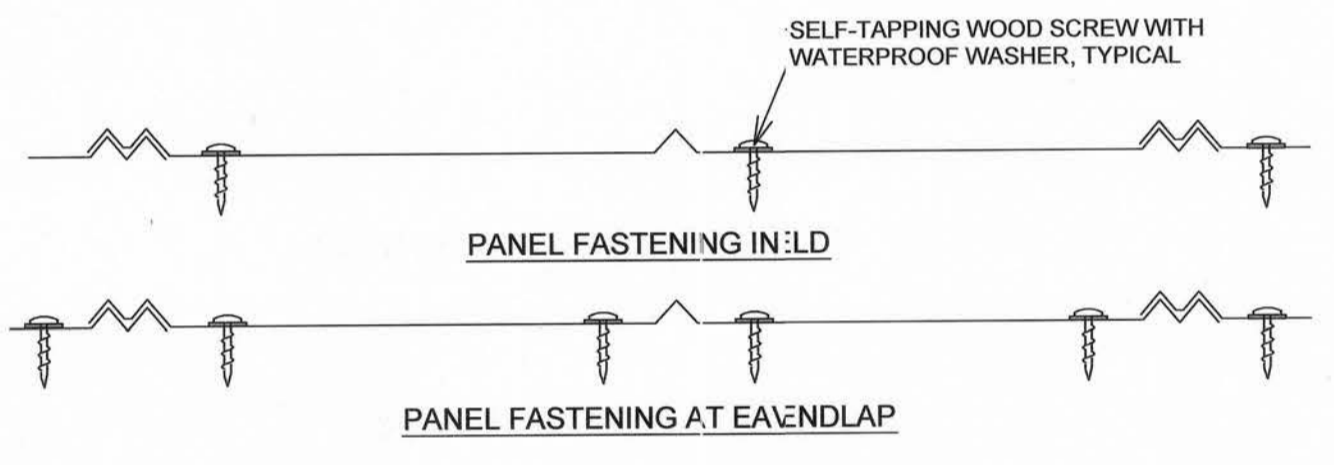
4 EDGE
D2 3" = 1'-0"



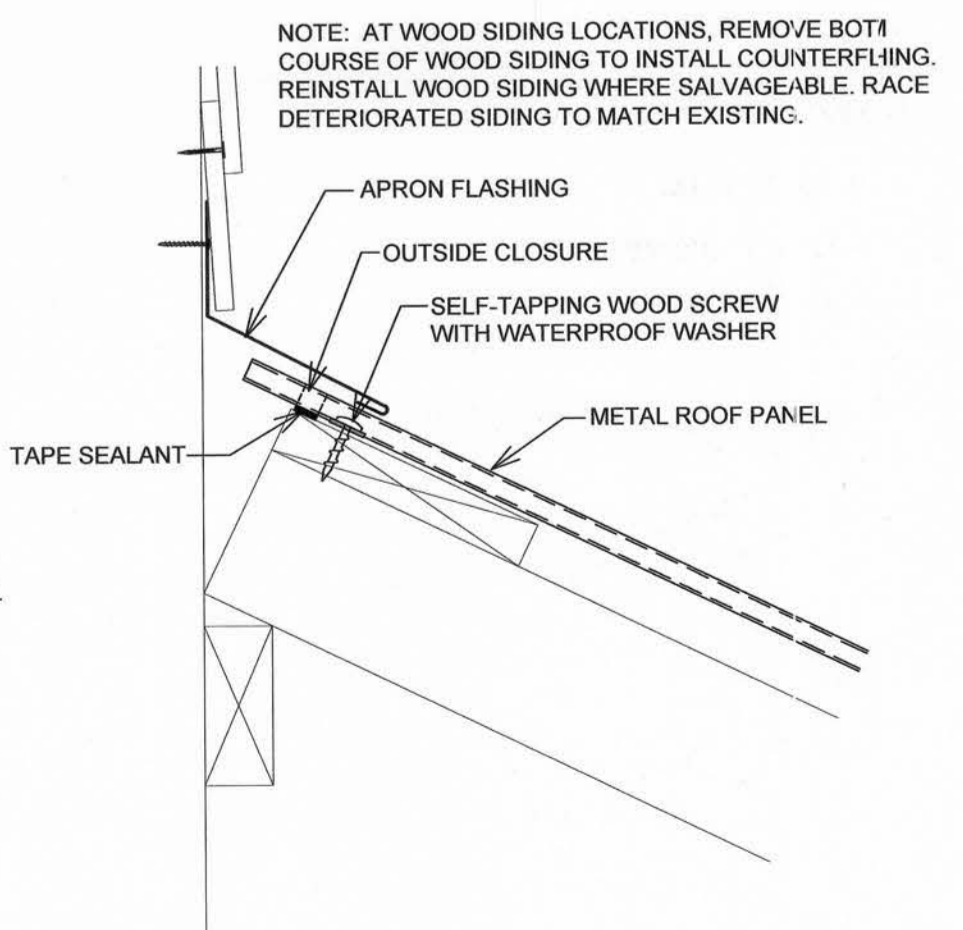
7 WALL FLASHING
D2 3" = 1'-0"



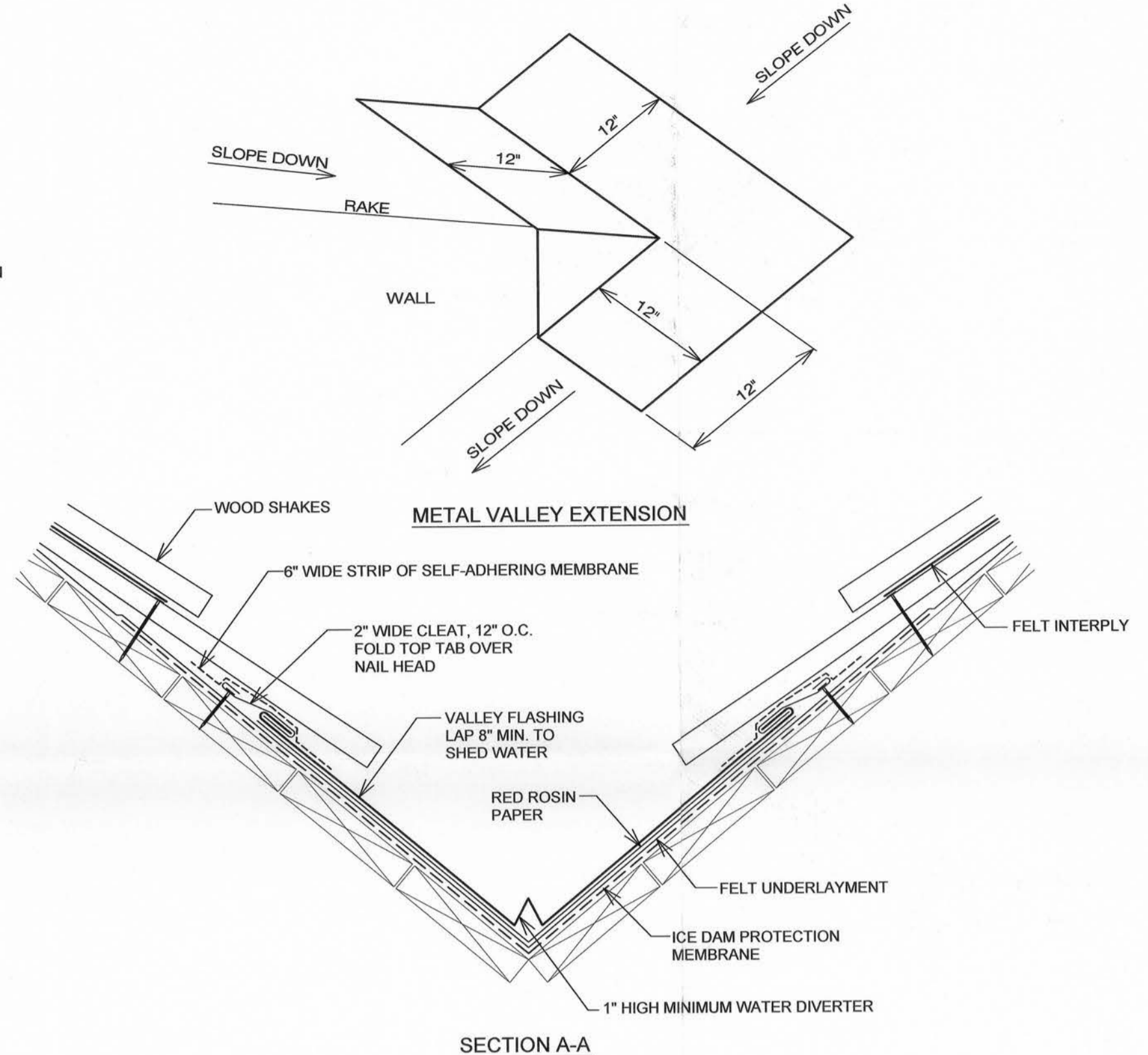
2 VALLEY
D2 N.T.S.



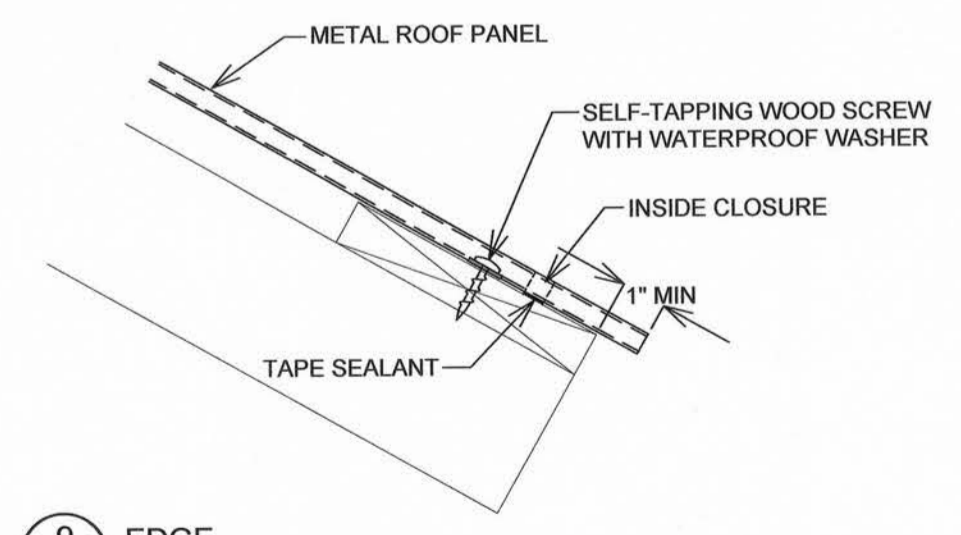
5 RAKE EDGE
D2 3" = 1'-0"



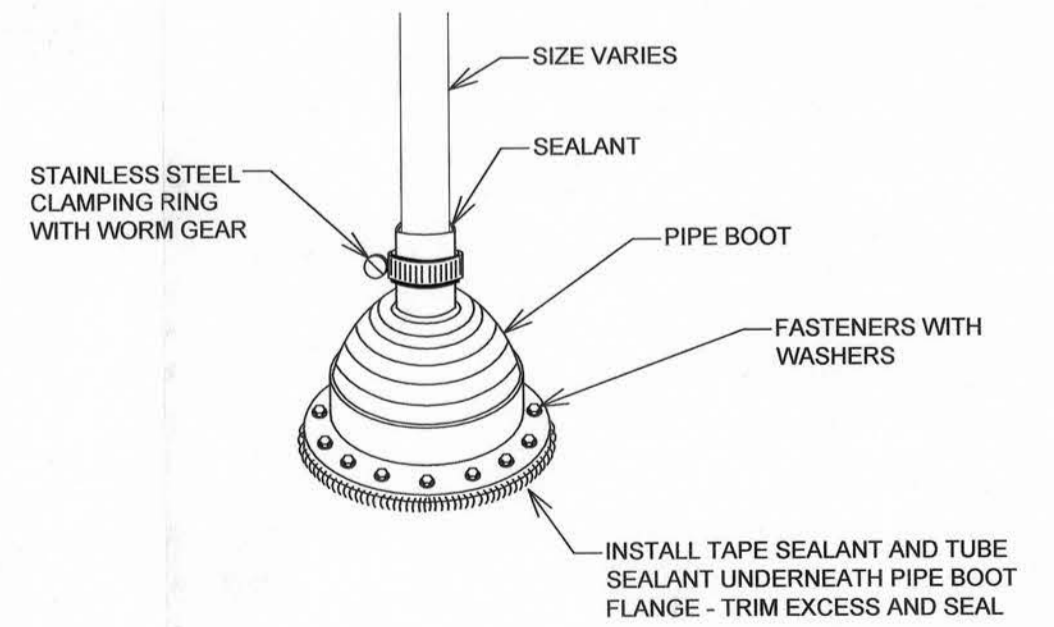
8 WALL FLASHING
D2 3" = 1'-0"



6 RIDGE
D2 3" = 1'-0"



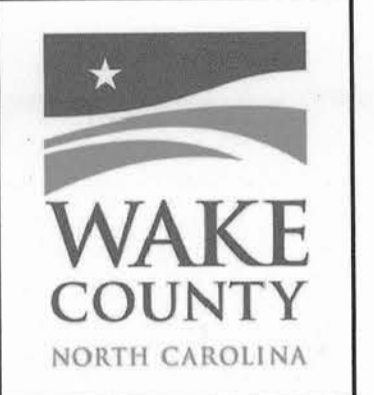
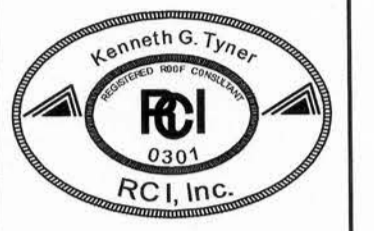
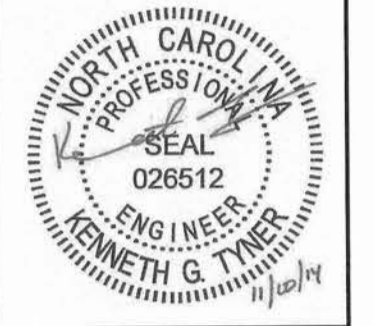
9 EDGE
D2 3" = 1'-0"



10 PIPE PENETRATION
D2 NO SCALE



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ENGINEERS & CONSULTANTS
CERTIFICATE NO. C-1520



ROOF DETAILS
HISTORIC OAKVIEW COUNTY PARK
WAKE COUNTY
RALEIGH, NORTH CAROLINA

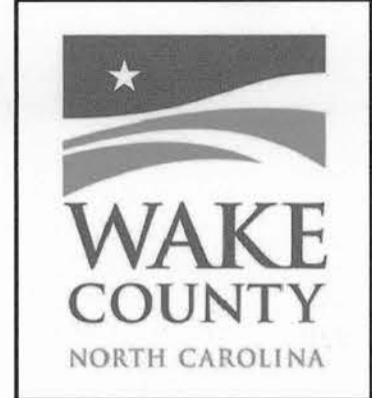
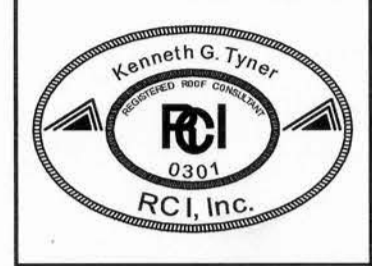
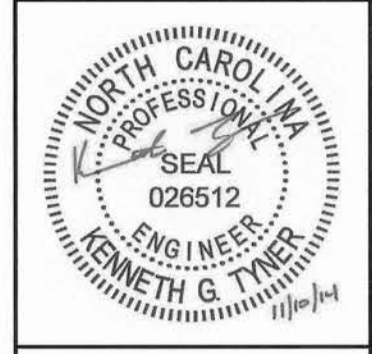
REVISION #	REVISION DATE
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DATE:
OCTOBER 13, 2014
SCALE:
3" = 1'-0"
REI PROJECT NO:
014RAL-075
DRAWING:
D2

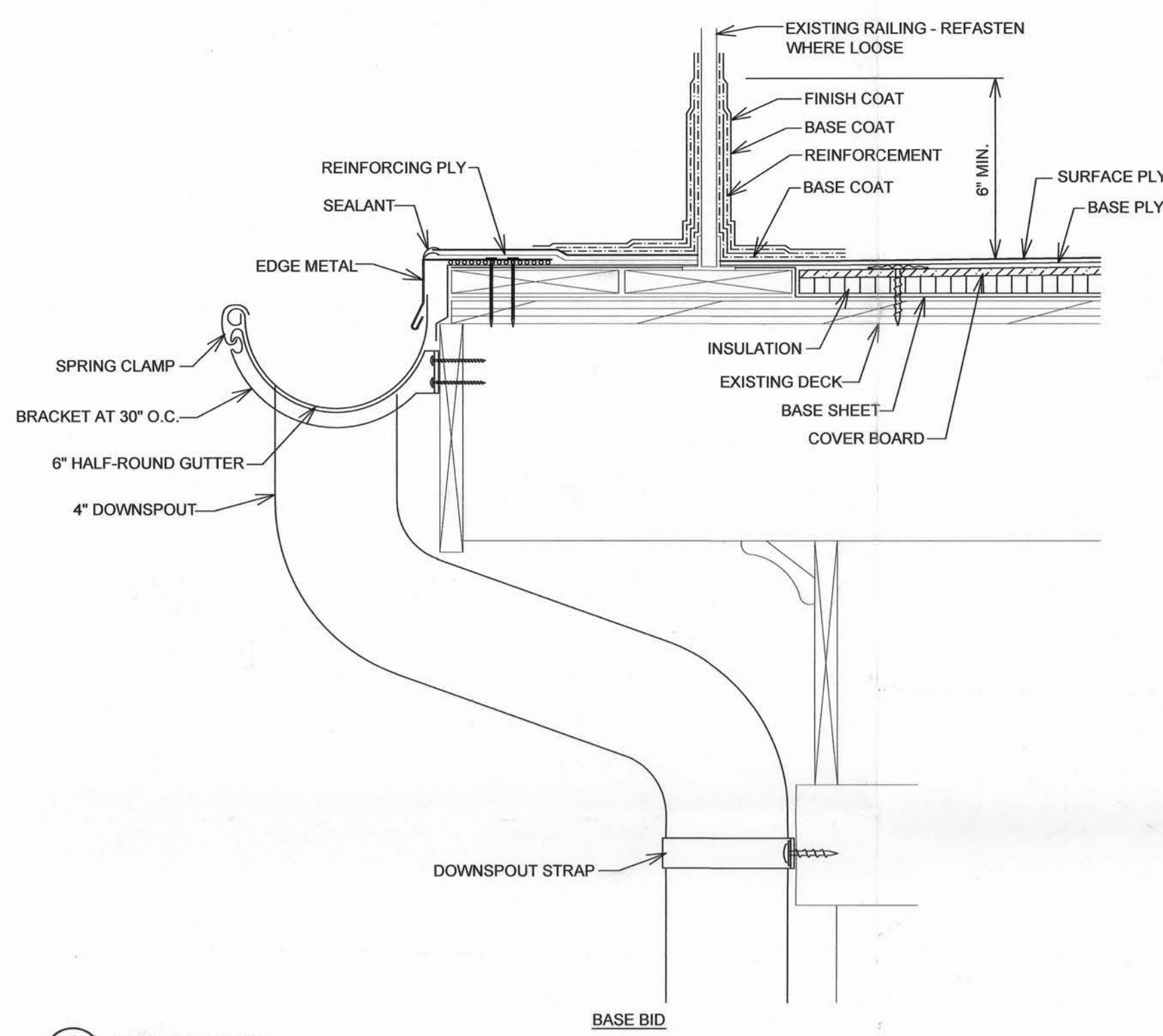


8001 CREEDMOOR ROAD
SUITE 107
RALEIGH, NC 27613
PH. 919-845-1450
FAX 919-870-8885

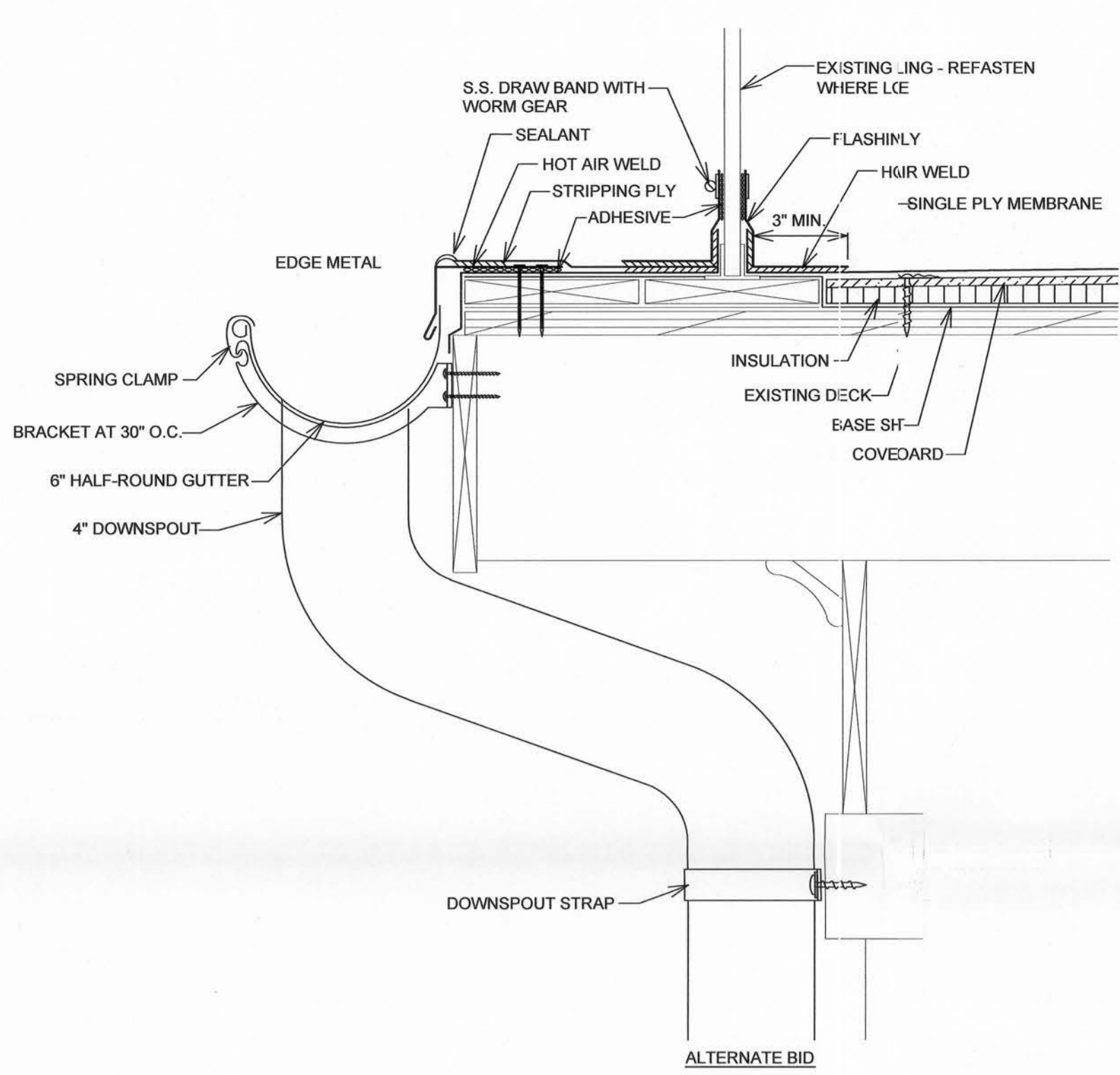
ROOFING, WATERPROOFING
AND BUILDING ENVELOPE
ENGINEERS & CONSULTANTS
CERTIFICATE NO. C-1520



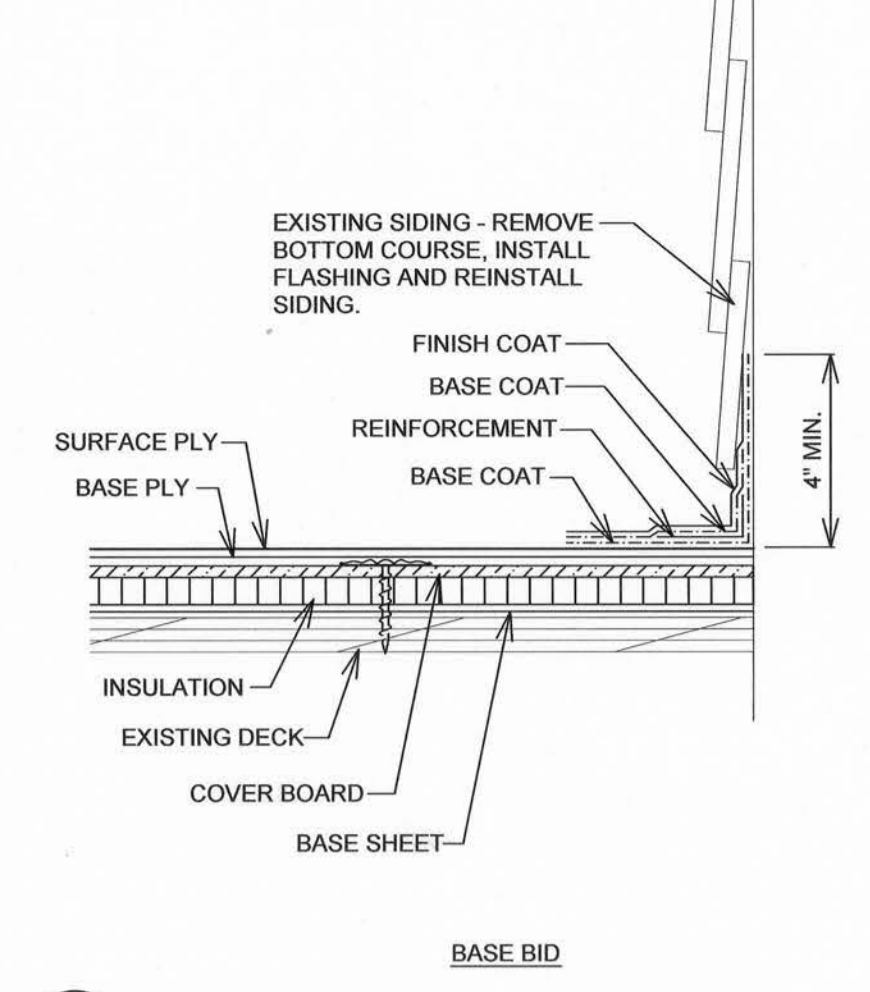
ROOF DETAILS
HISTORIC OAK VIEW COUNTY PARK
WAKE COUNTY
RALEIGH, NORTH CAROLINA



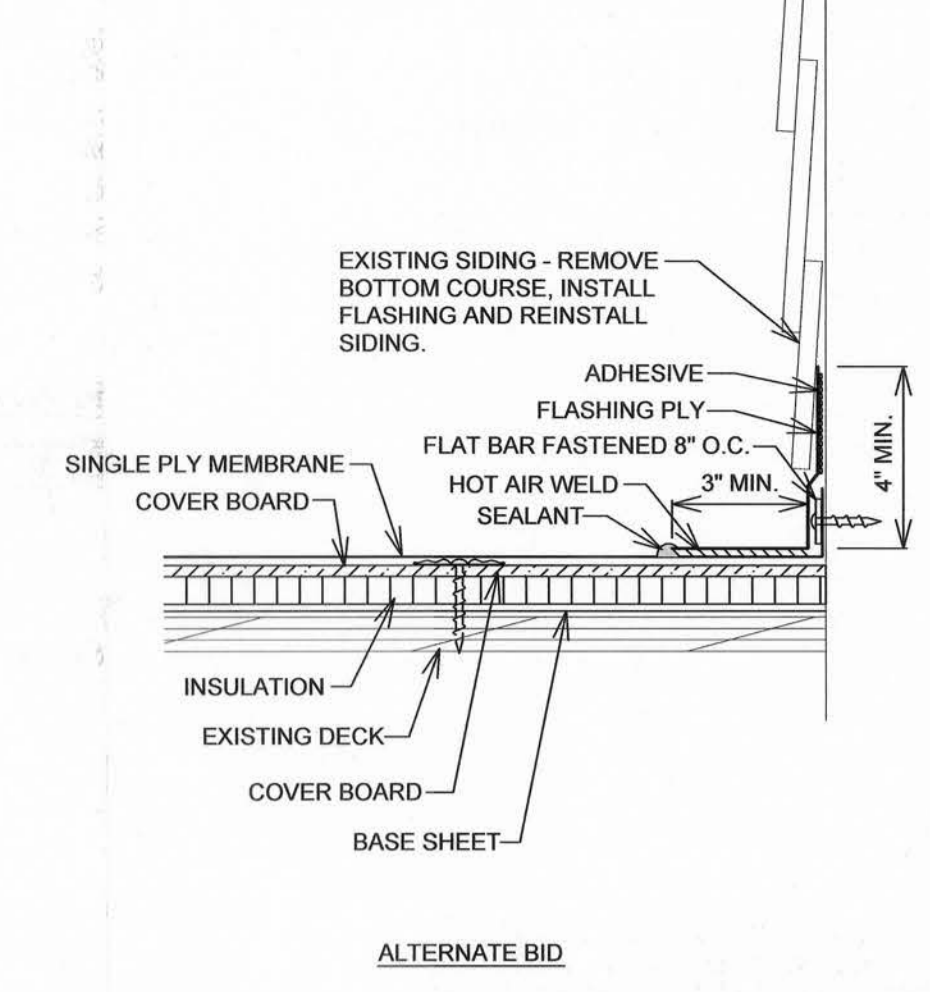
1 GUTTER EDGE
D1 3" = 1'-0"



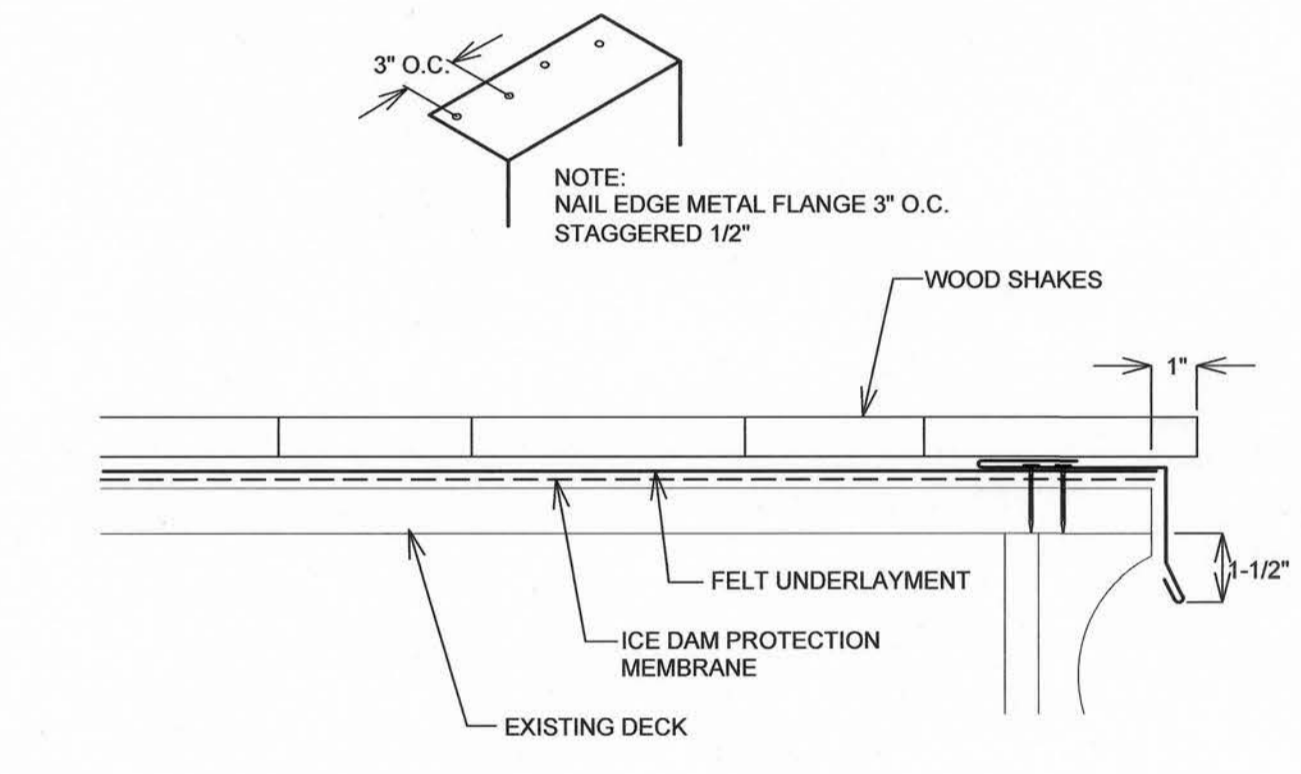
2 WALL FLASHING
D1 3" = 1'-0"



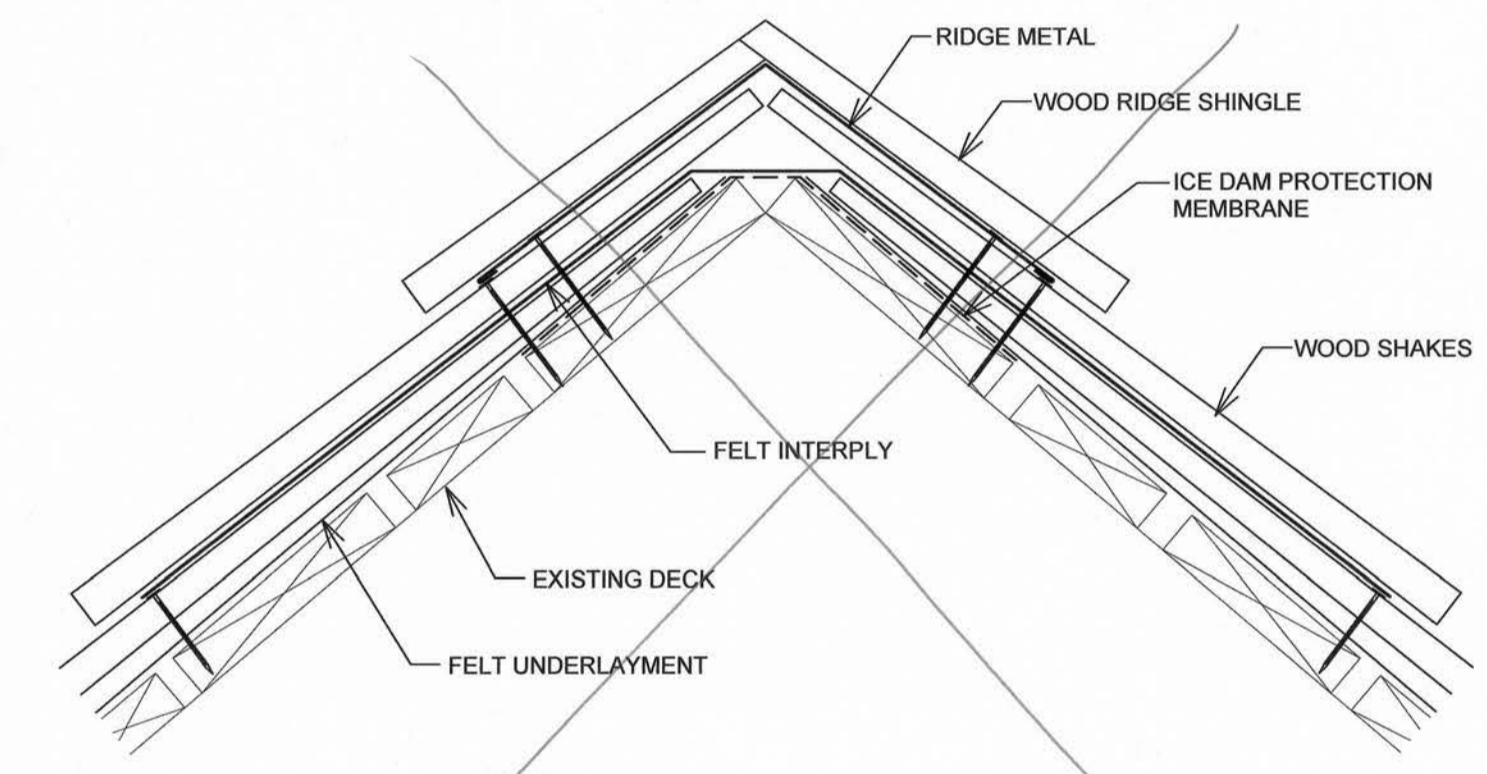
2 WALL FLASHING
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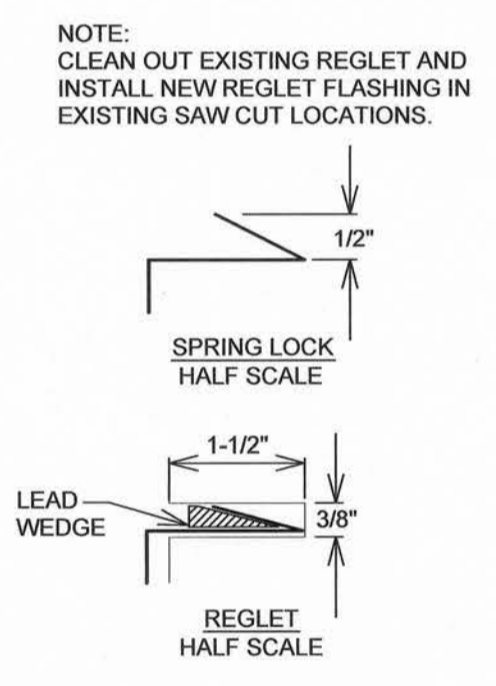
2 WALL FLASHING
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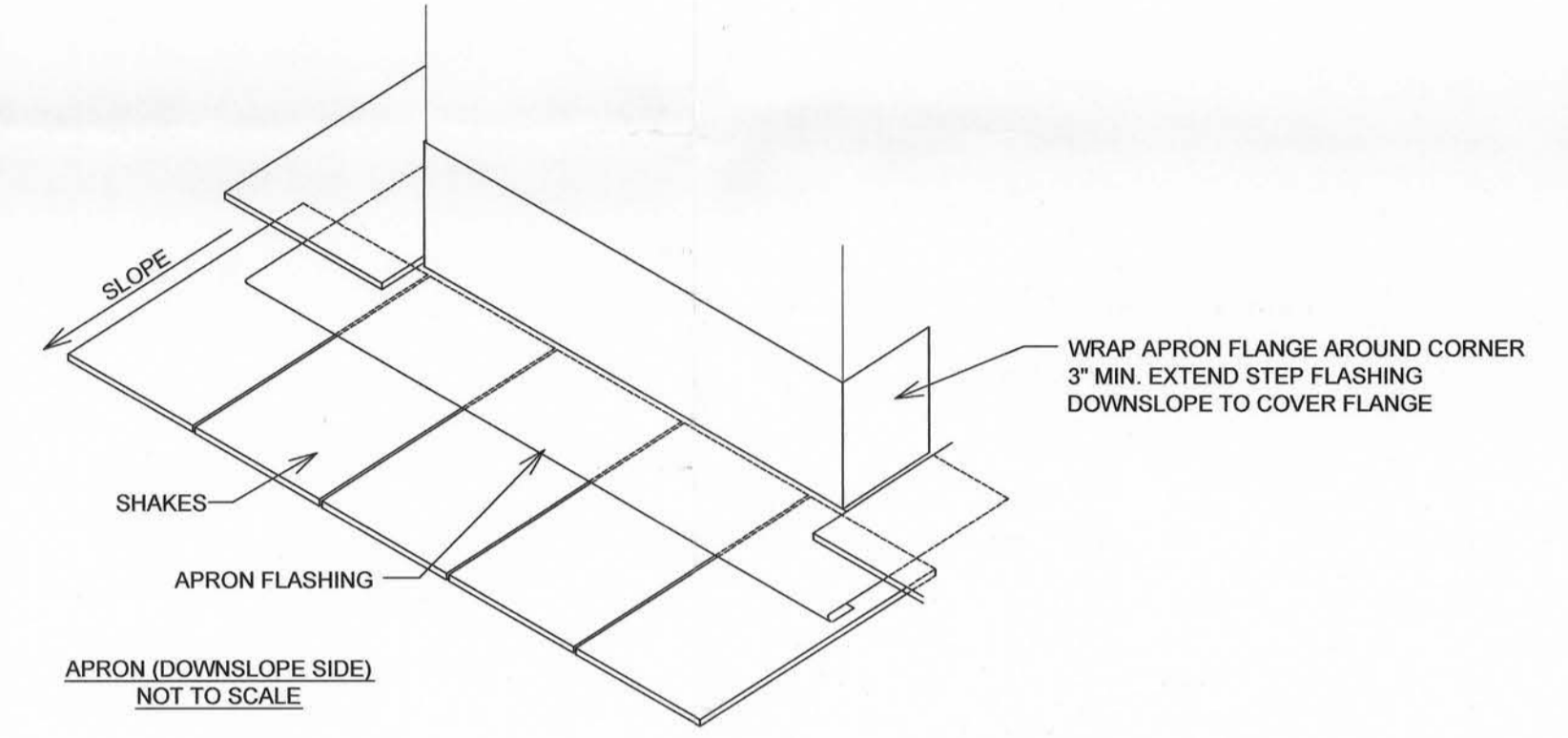
3 RAKE EDGE
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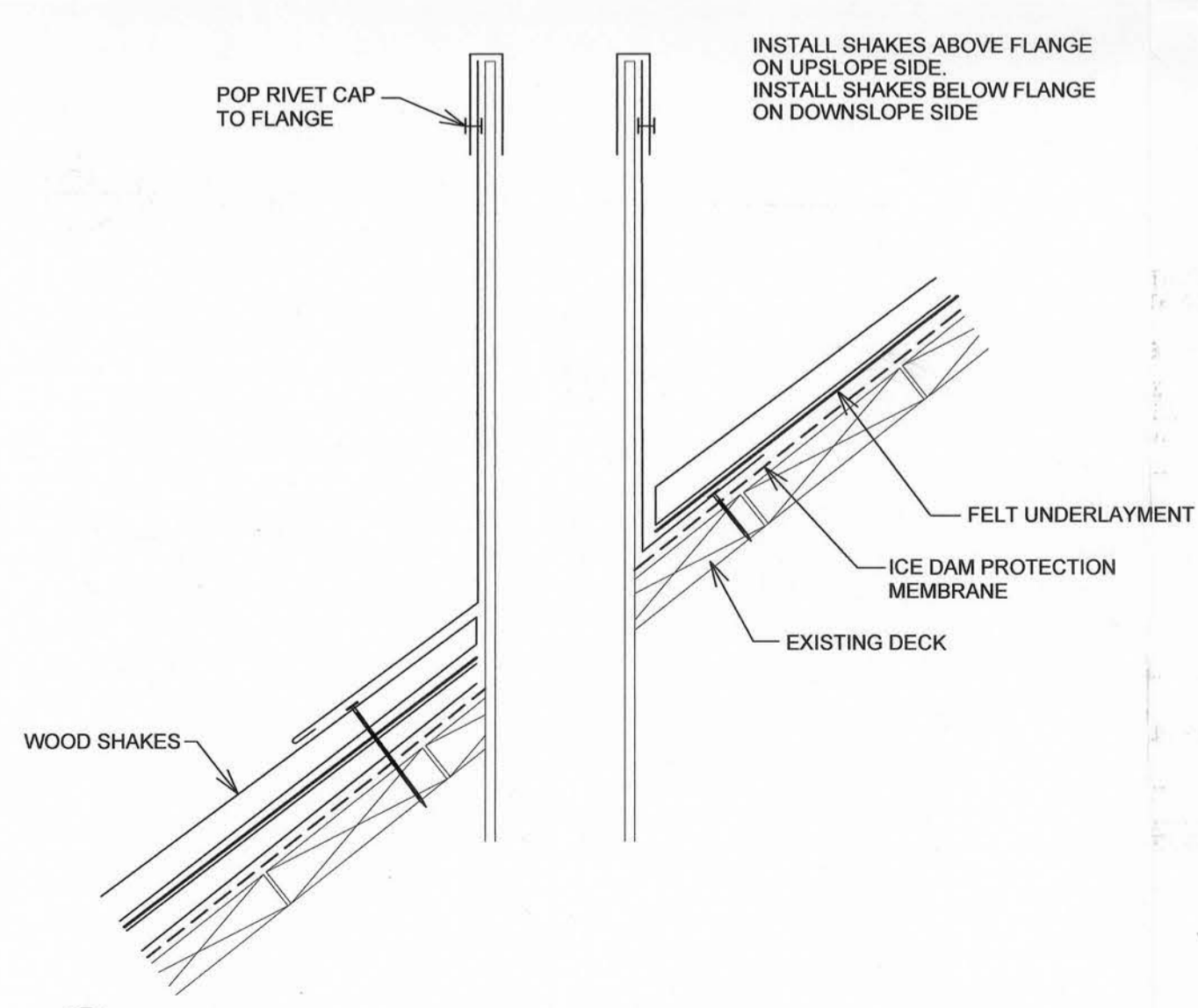
4 RIDGE
D1 3" = 1'-0"



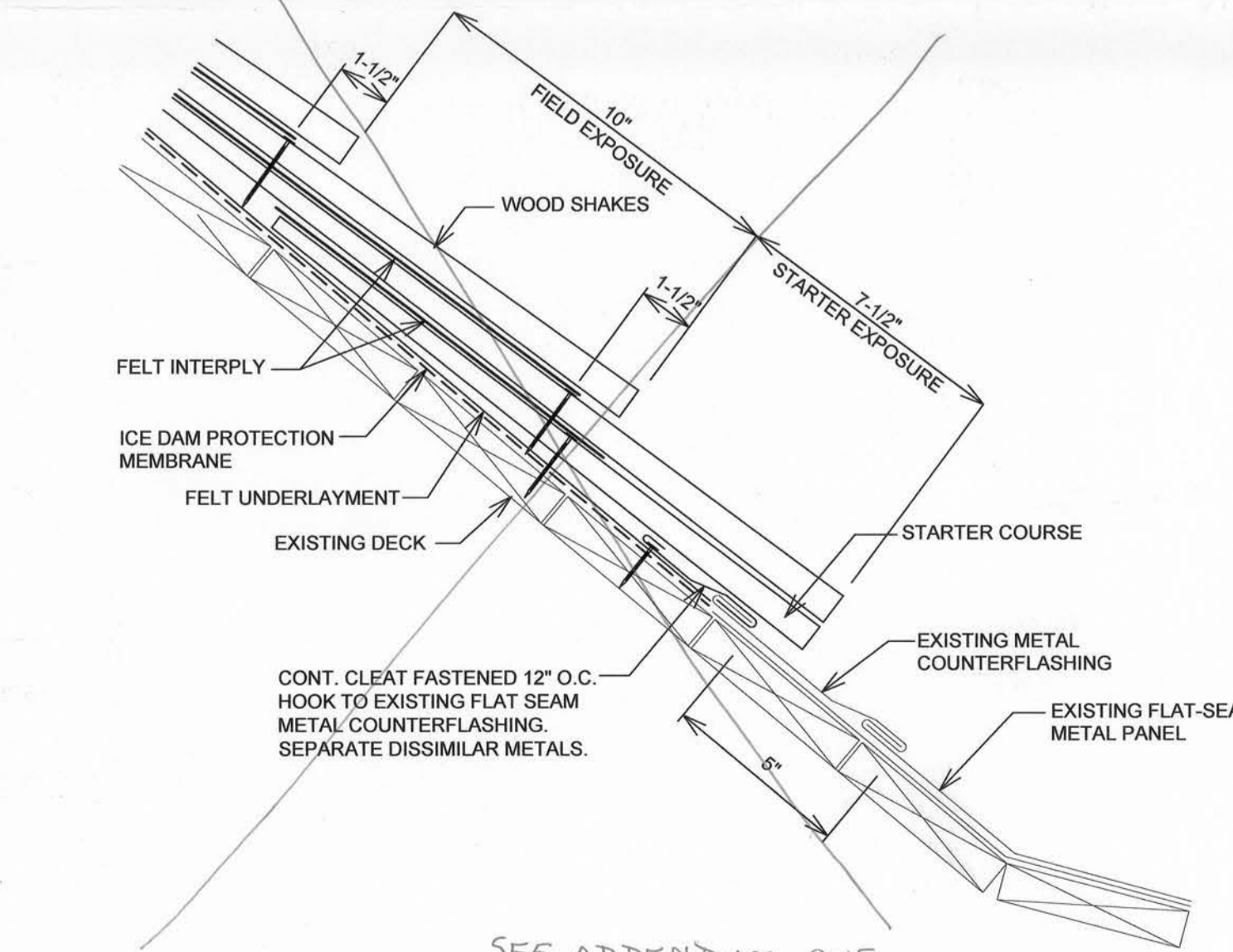
5 SOIL STACK
D1 3" = 1'-0"



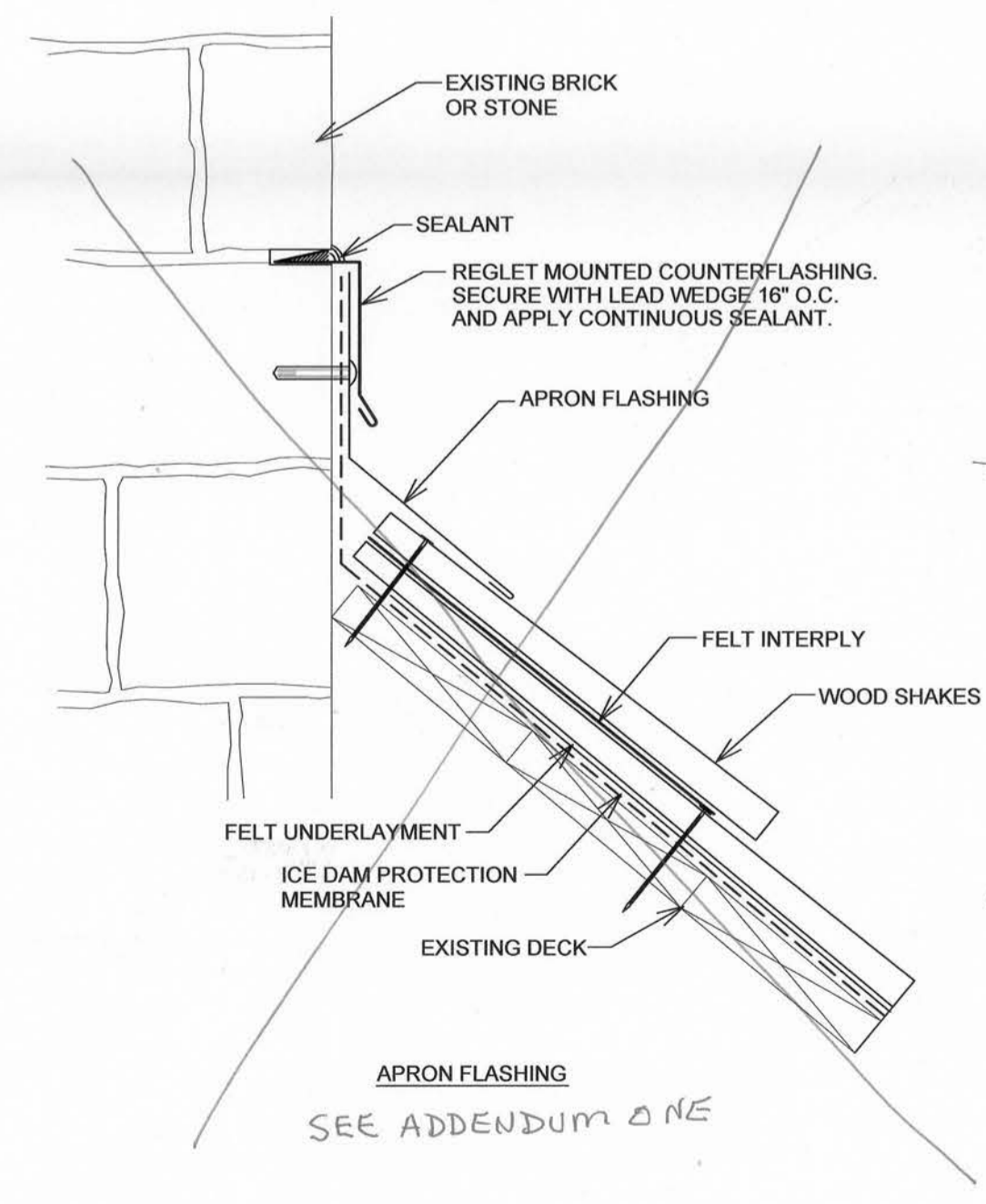
6 SLOPE TRANSITION
NOT TO SCALE



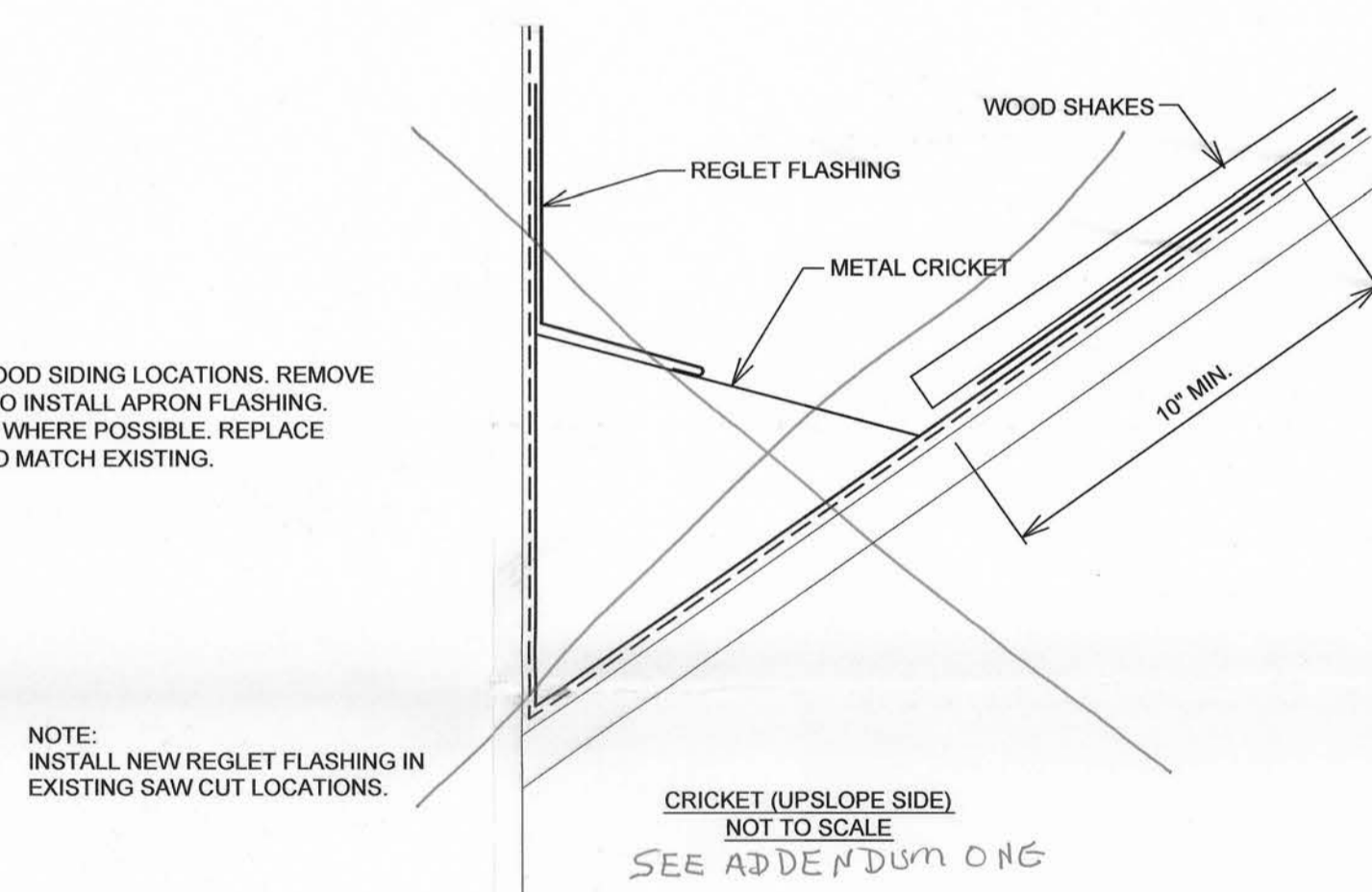
5 SOIL STACK
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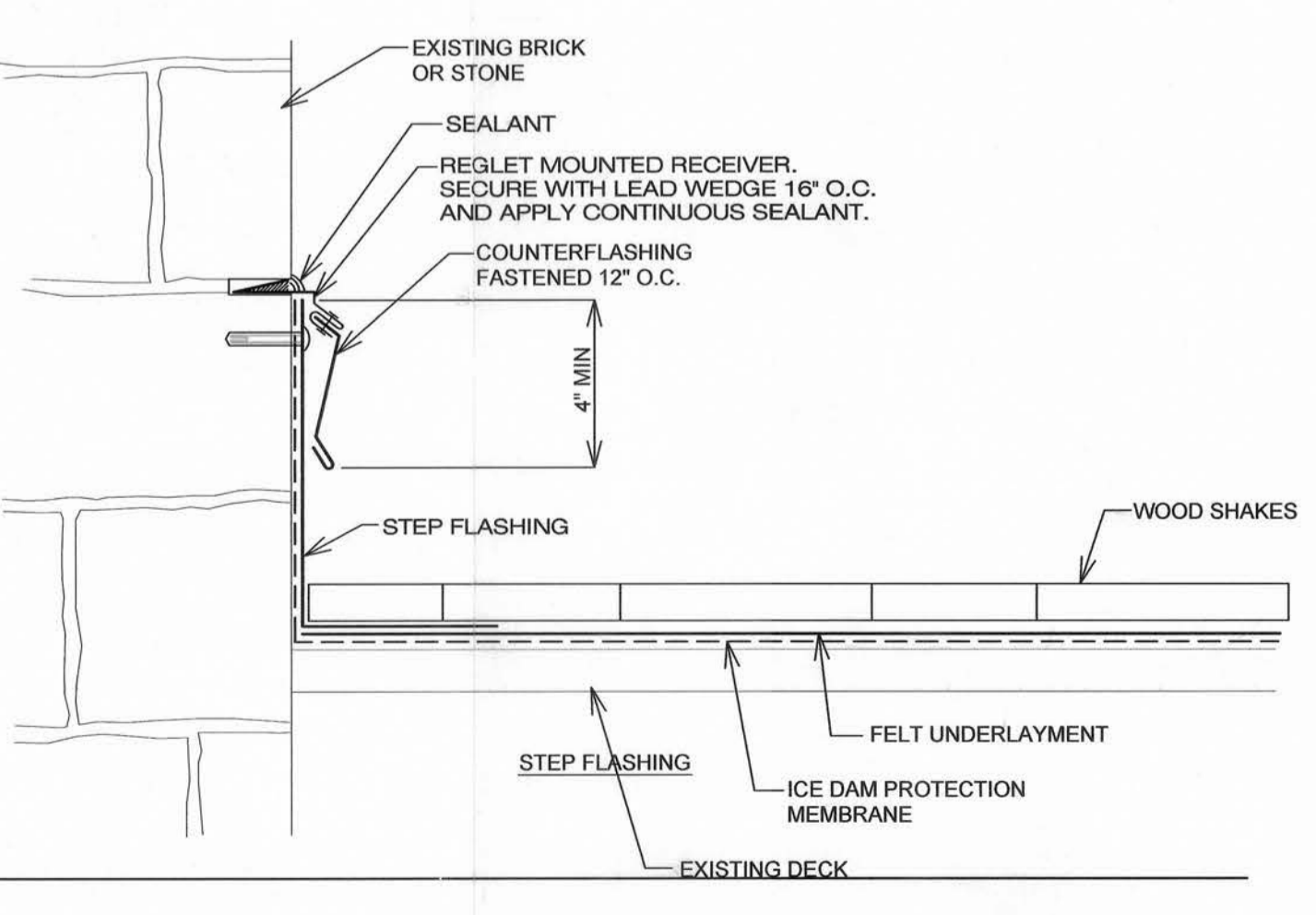
6 SLOPE TRANSITION
D1 3" = 1'-0"



7 CHIMNEY FLASHING
D1 3" = 1'-0"



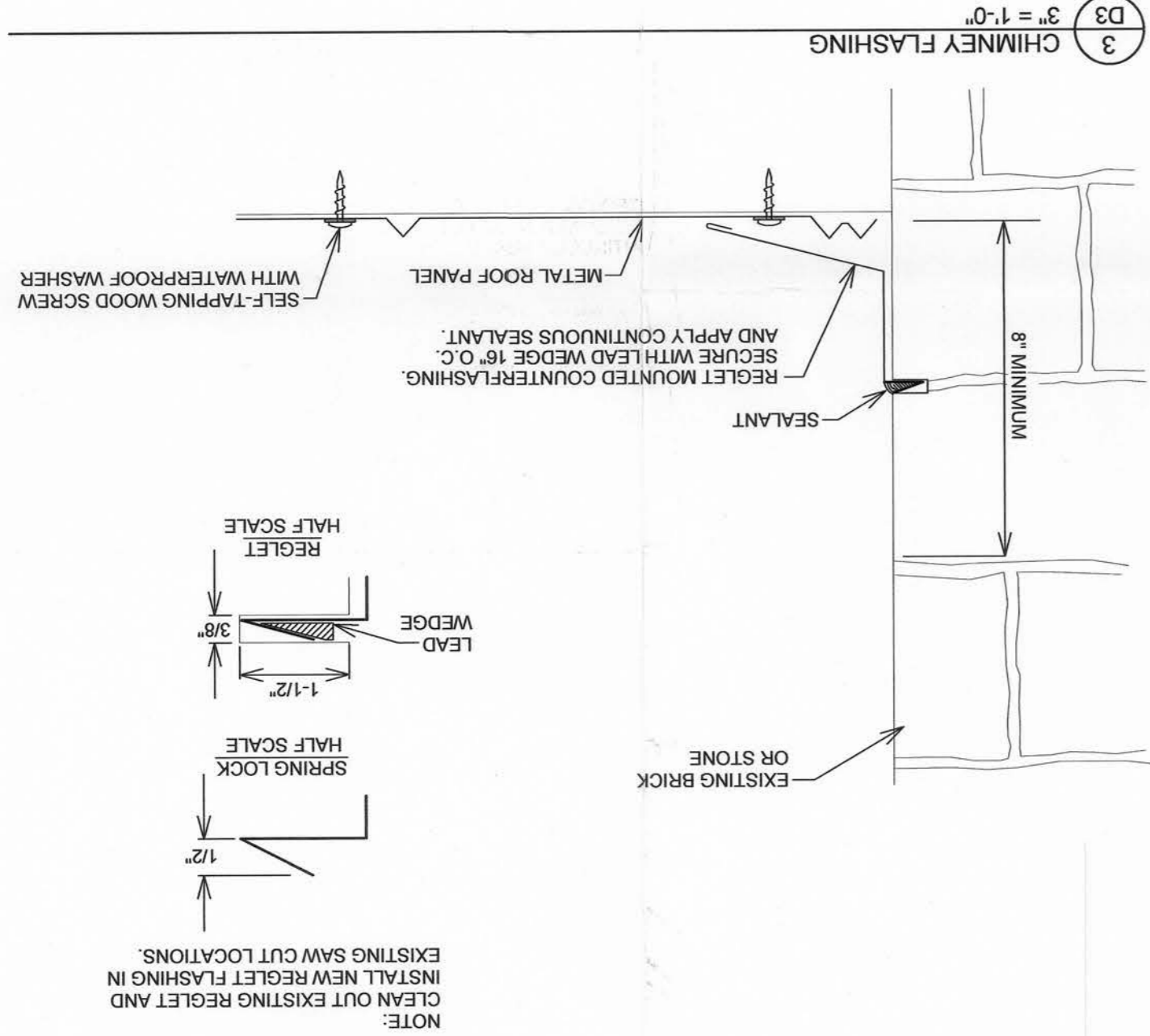
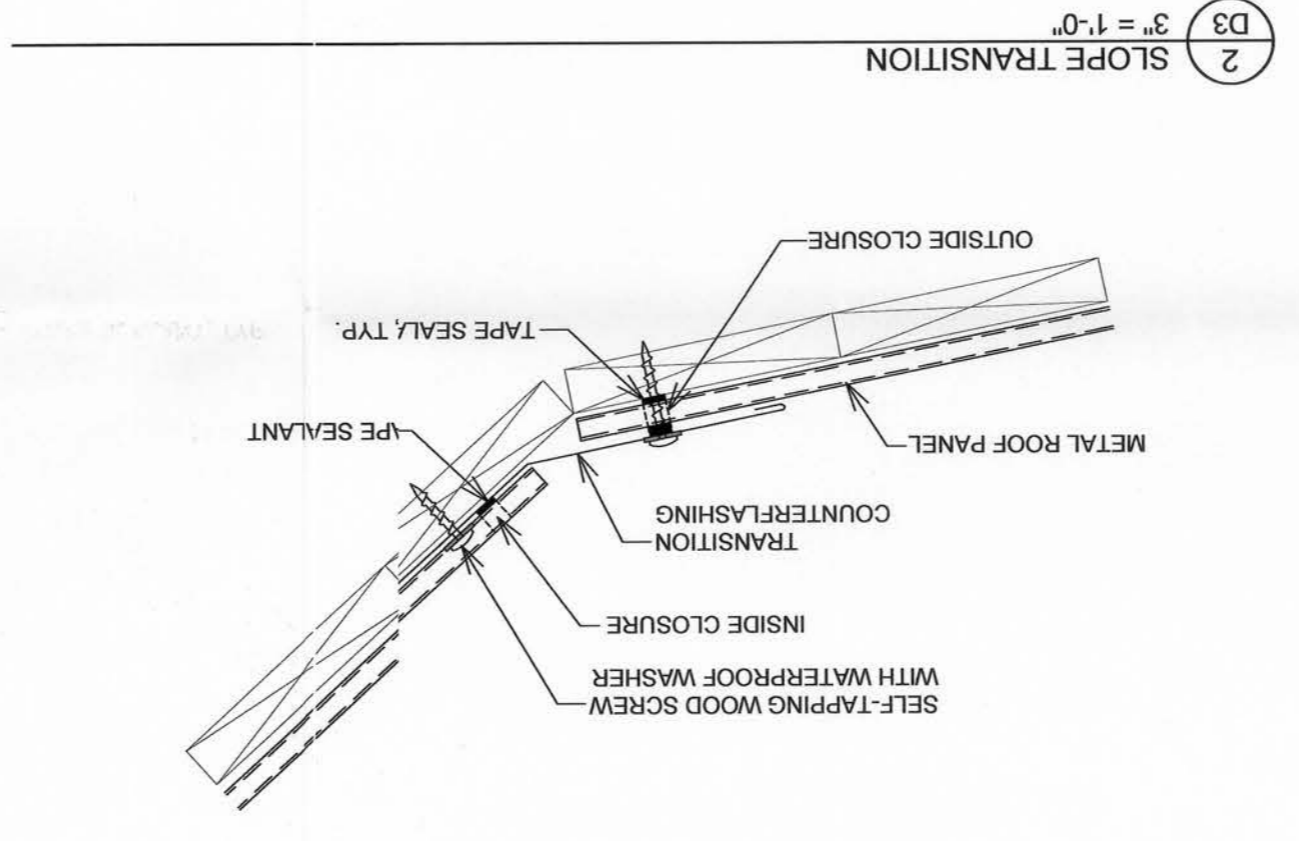
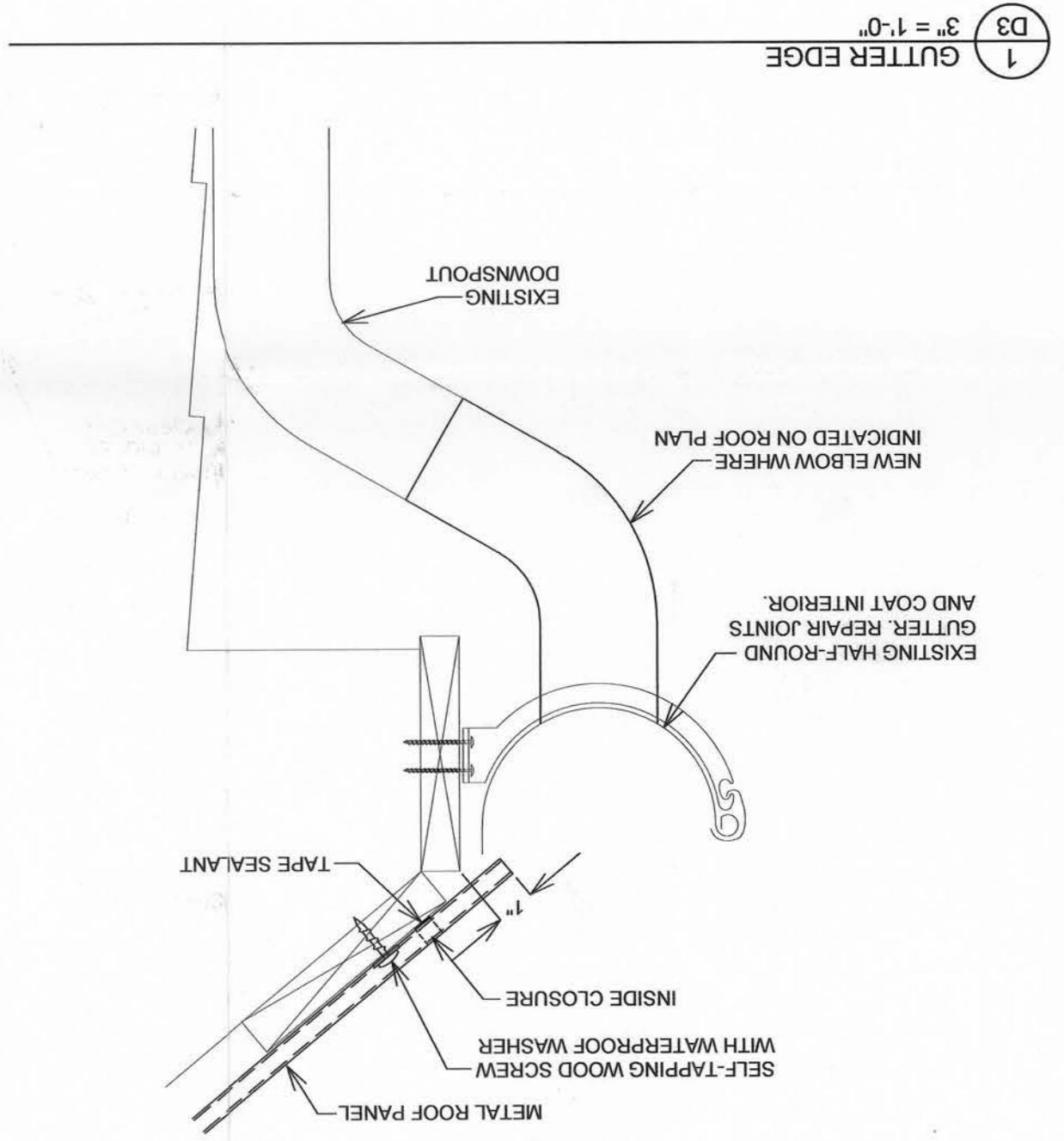
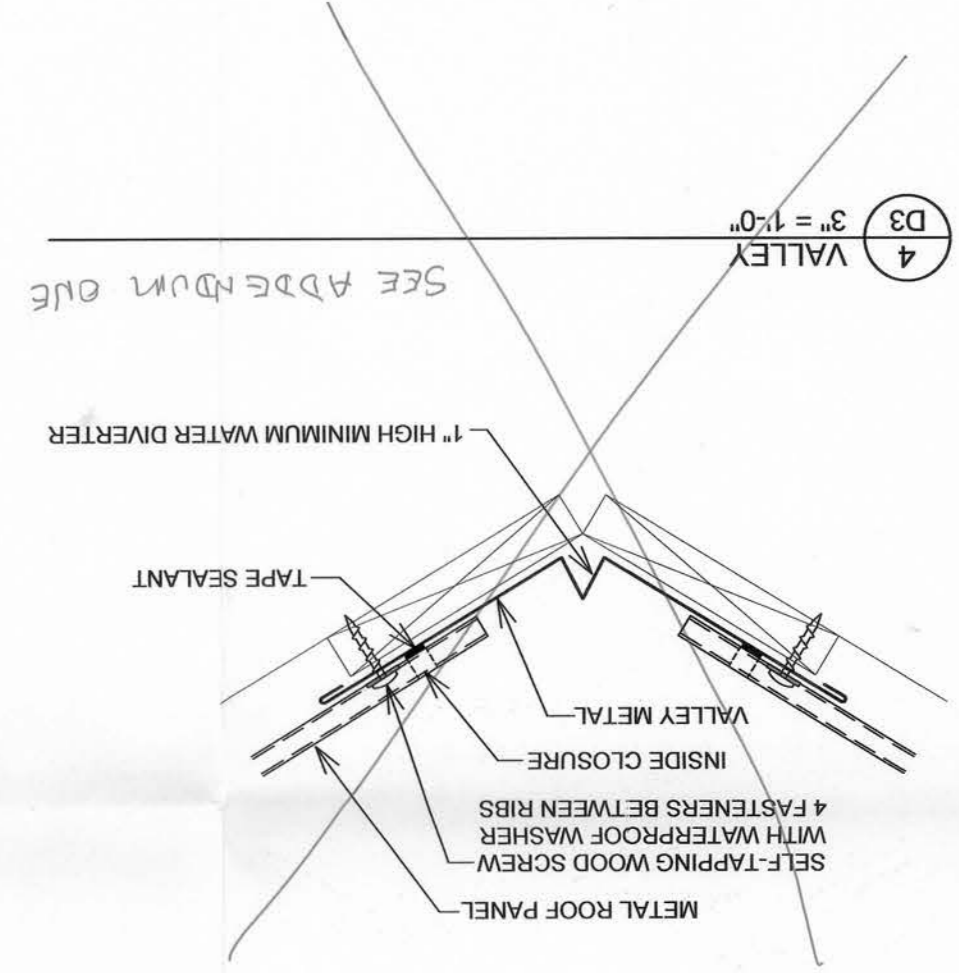
7 CHIMNEY FLASHING
D1 3" = 1'-0"



7 CHIMNEY FLASHING
D1 3" = 1'-0"

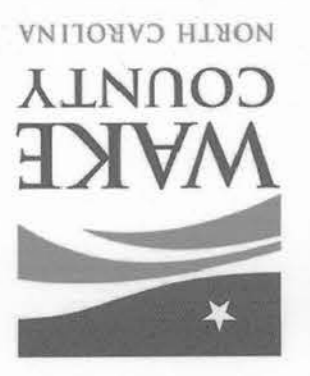
REVISION #	REVISION DATE

DATE:
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SCALE:
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REI PROJECT NO:
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D1

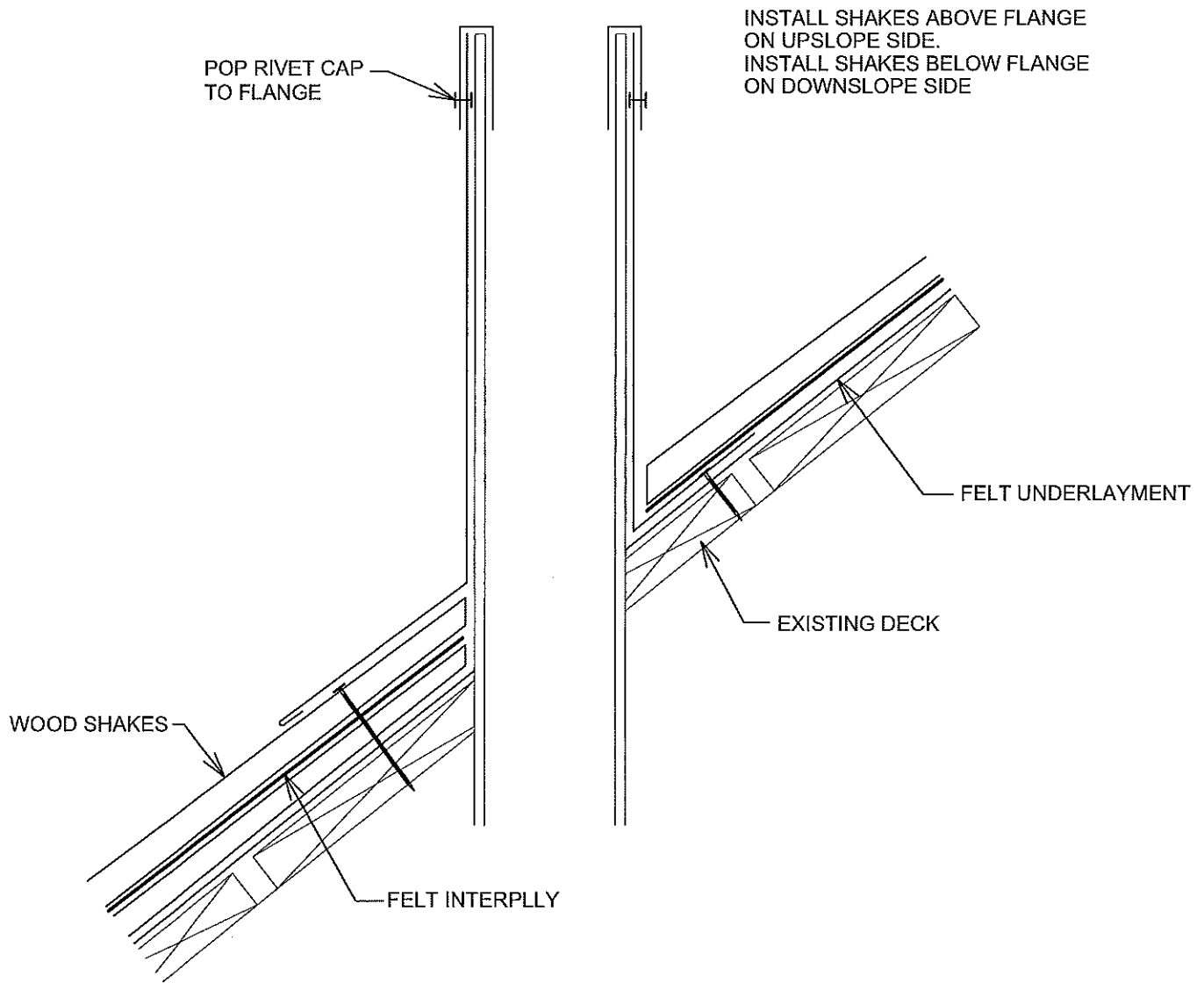


REVISION #	REVISION DATE

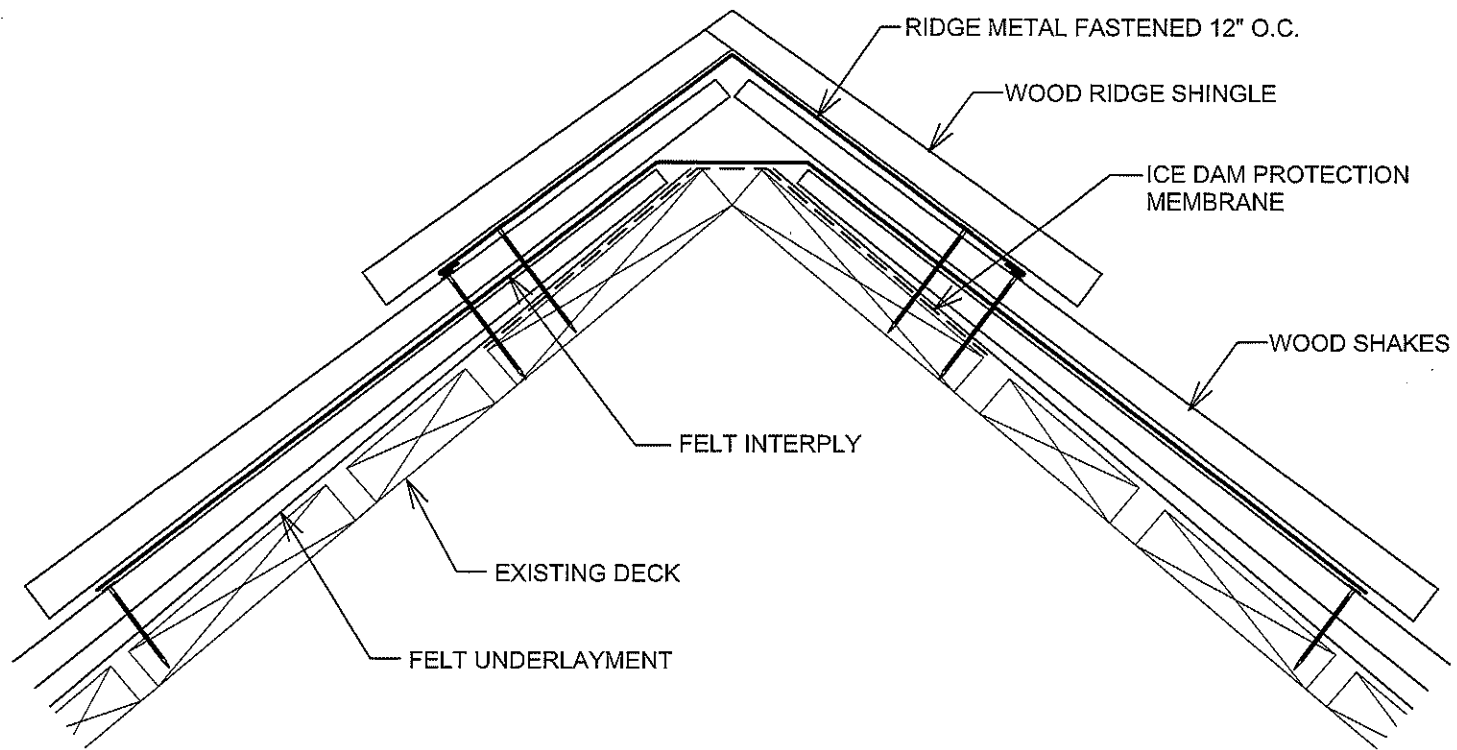
DATE: OCTOBER 13, 2014
SCALE: 3" = 1'-0"
REI PROJECT NO: 014RAL-075
DRAWING: D3



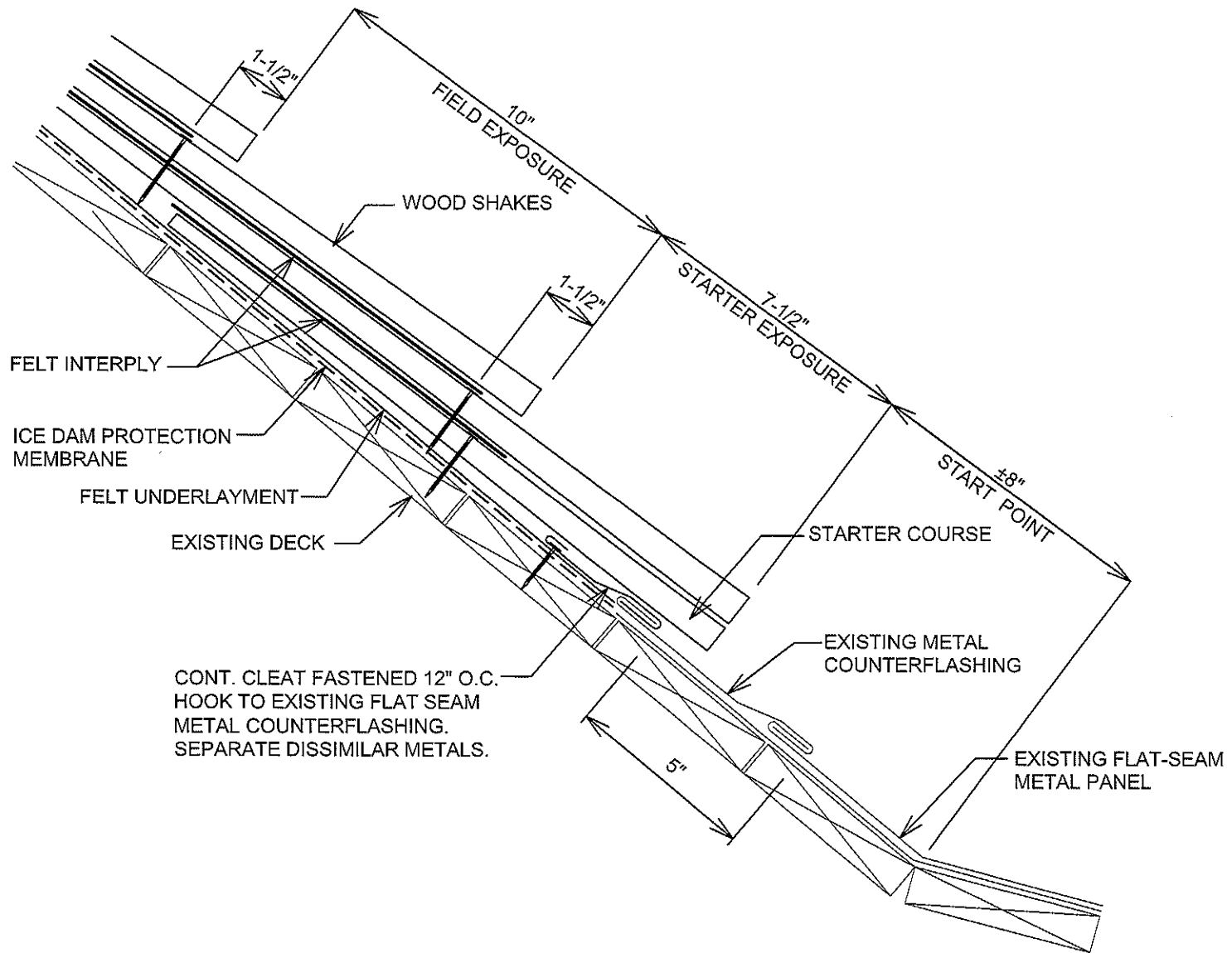
ROOF DETAILS
HISTORIC OAK VIEW COUNTY PARK
WAKE COUNTY
RALEIGH, NORTH CAROLINA



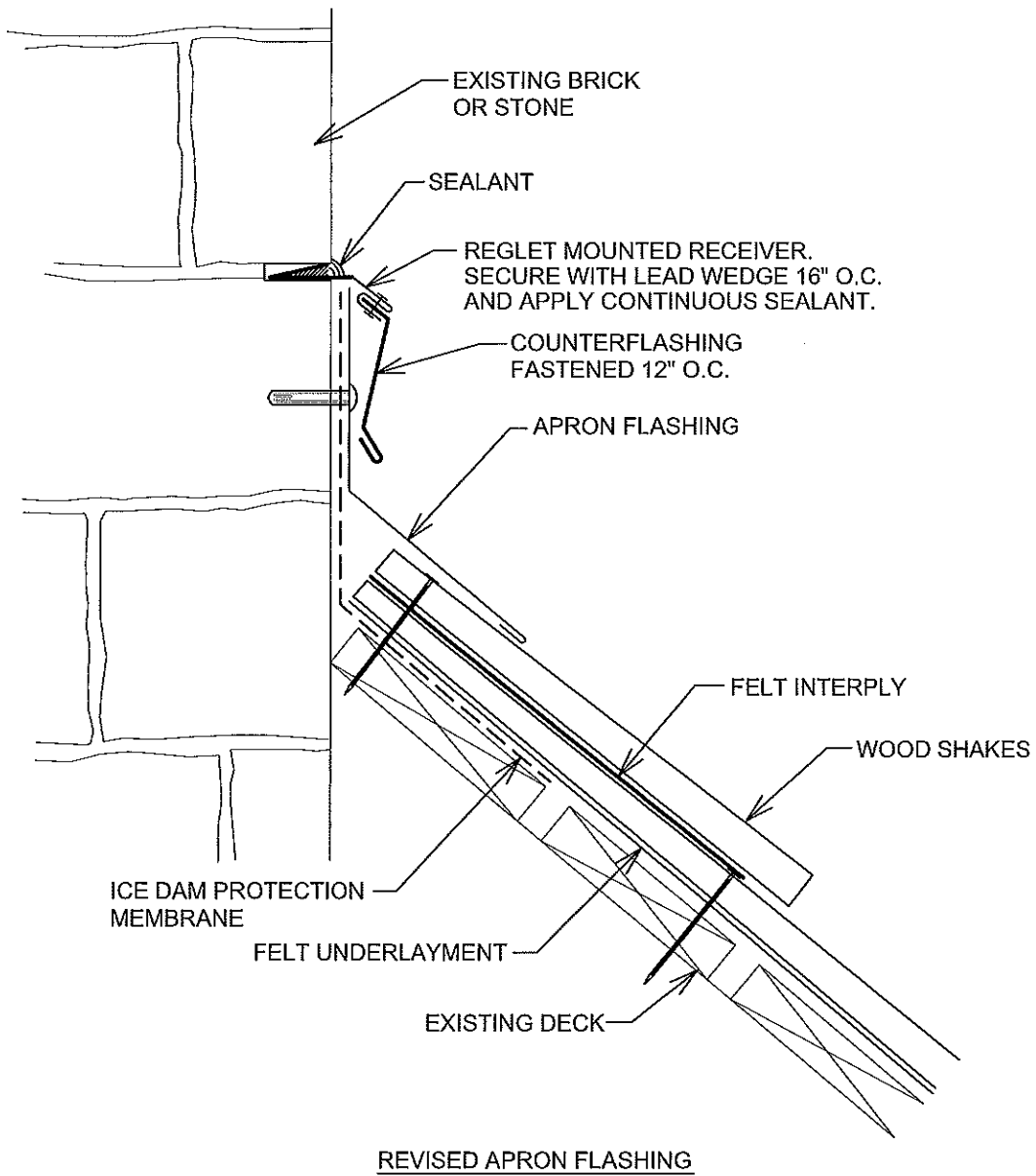
5 REVISED SOIL STACK
 D1 3" = 1'-0"



4 REVISED RIDGE
D1 3" = 1'-0"



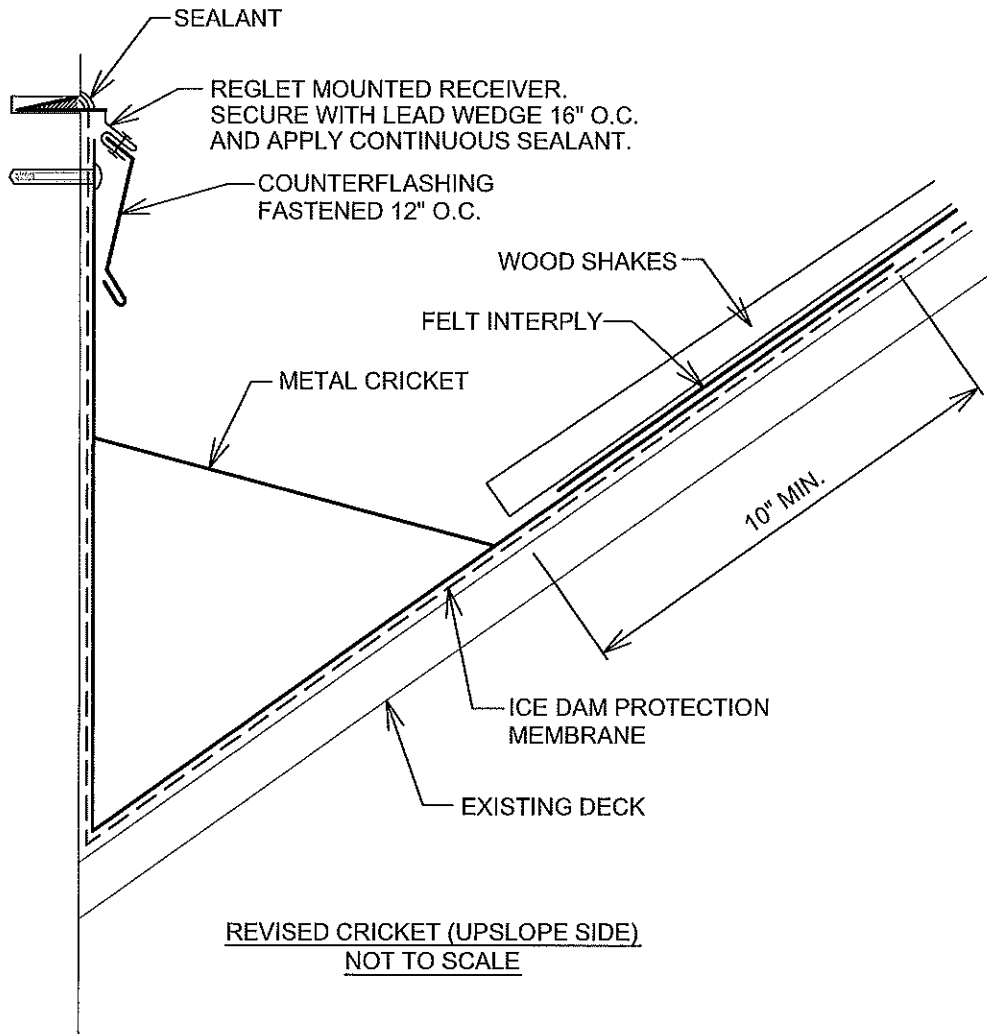
6
 D1 REVISED SLOPE TRANSITION
 3" = 1'-0"



7
D1

REVISED CHIMNEY FLASHING

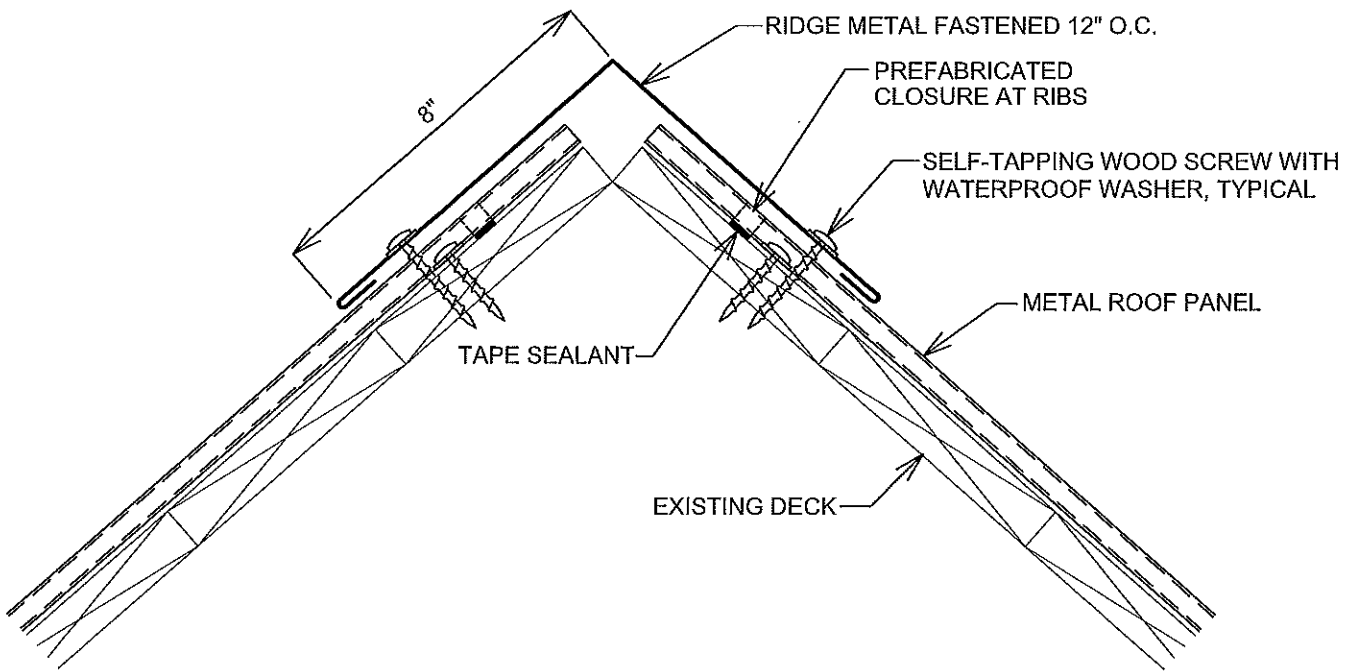
3" = 1'-0"



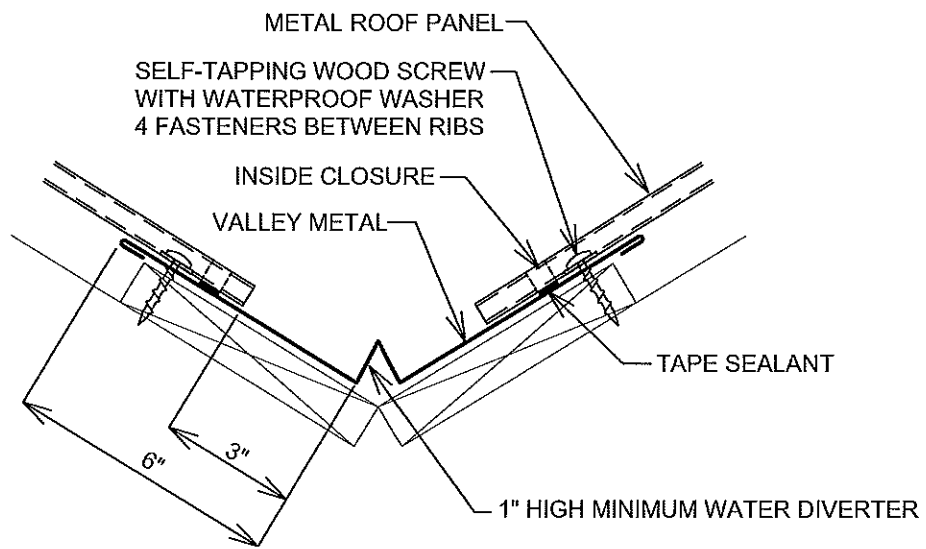
7
D1

REVISED CHIMNEY FLASHING

3" = 1'-0"



6 REVISED RIDGE
D2 3" = 1'-0"



4 REVISED VALLEY
 D3 3" = 1'-0"