



NOTE:

1. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS, PENETRATIONS, & EXISTING ROOF CORE SUMMARY.

ROOF SQUARE FOOTAGE:

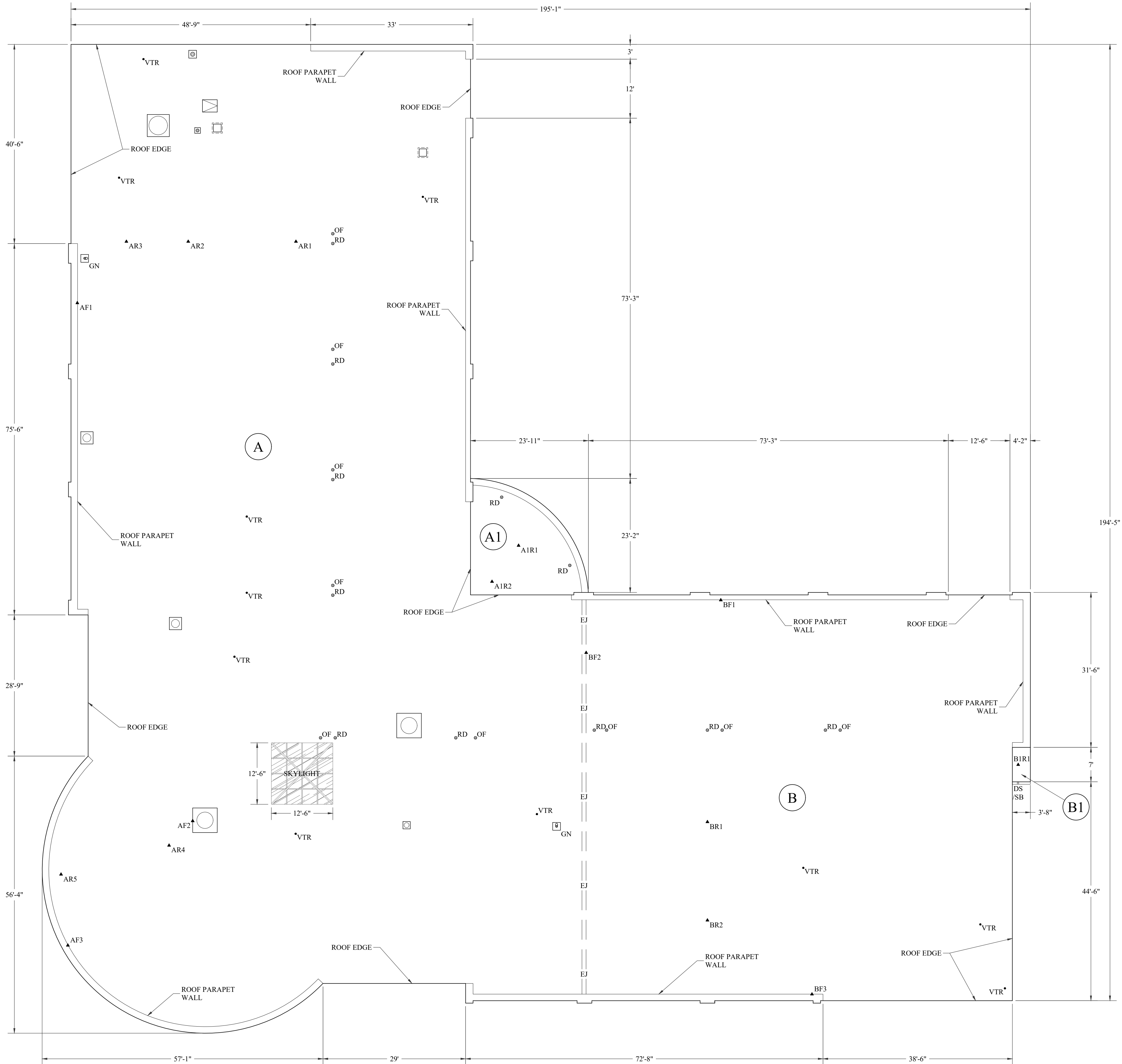
ROOF AREA "A" - 17,808 SQFT / 179 SQUARES

ROOF AREA "A1" - 435 SQFT / 5 SQUARES

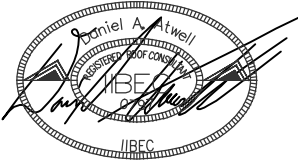
ROOF AREA "B" - 7,310 SQFT / 74 SQUARES

ROOF AREA "B1" - 26 SQFT / 1 SQUARE

TOTAL ROOF AREA - 25,579 SQFT / 256 SQUARES



1  
R-1.1  
EXISTING ROOF PLAN  
3/32" = 1'-0"



DESIGNED: DANIEL ATWELL

SCC - HEALTH SCIENCES  
BUILDING REROOF PROJECT

STATE PROJECT NUMBER: H59-6352-TM

ADDRESS:  
850 BRISACK ROAD  
SPARTANBURG, SC 29303



COLUMBIA AREA OFFICE

1611 CHAPIN ROAD  
CHAPIN, SOUTH CAROLINA  
EMAIL:CHRIS@WMBECONSULTANTS.COM  
EMAIL:DANIEL@WMBECONSULTANTS.COM

CHARLESTON AREA OFFICE

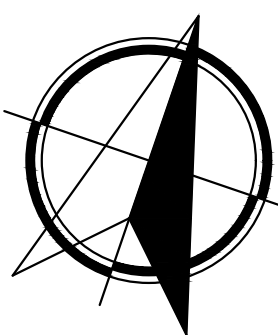
226 N. LIVE OAK DRIVE  
MONCK'S CORNER, SOUTH CAROLINA  
EMAIL:JOE@WMBECONSULTANTS.COM  
EMAIL:MAX@WMBECONSULTANTS.COM

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NORTH



PROJECT NUMBER: 2025-08

CONSTRUCTION DOCUMENTS

DATE: 12-04-2025

EXISTING ROOF PLAN

R-1.1

NEW ROOF PLAN NOTES:

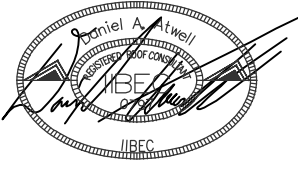
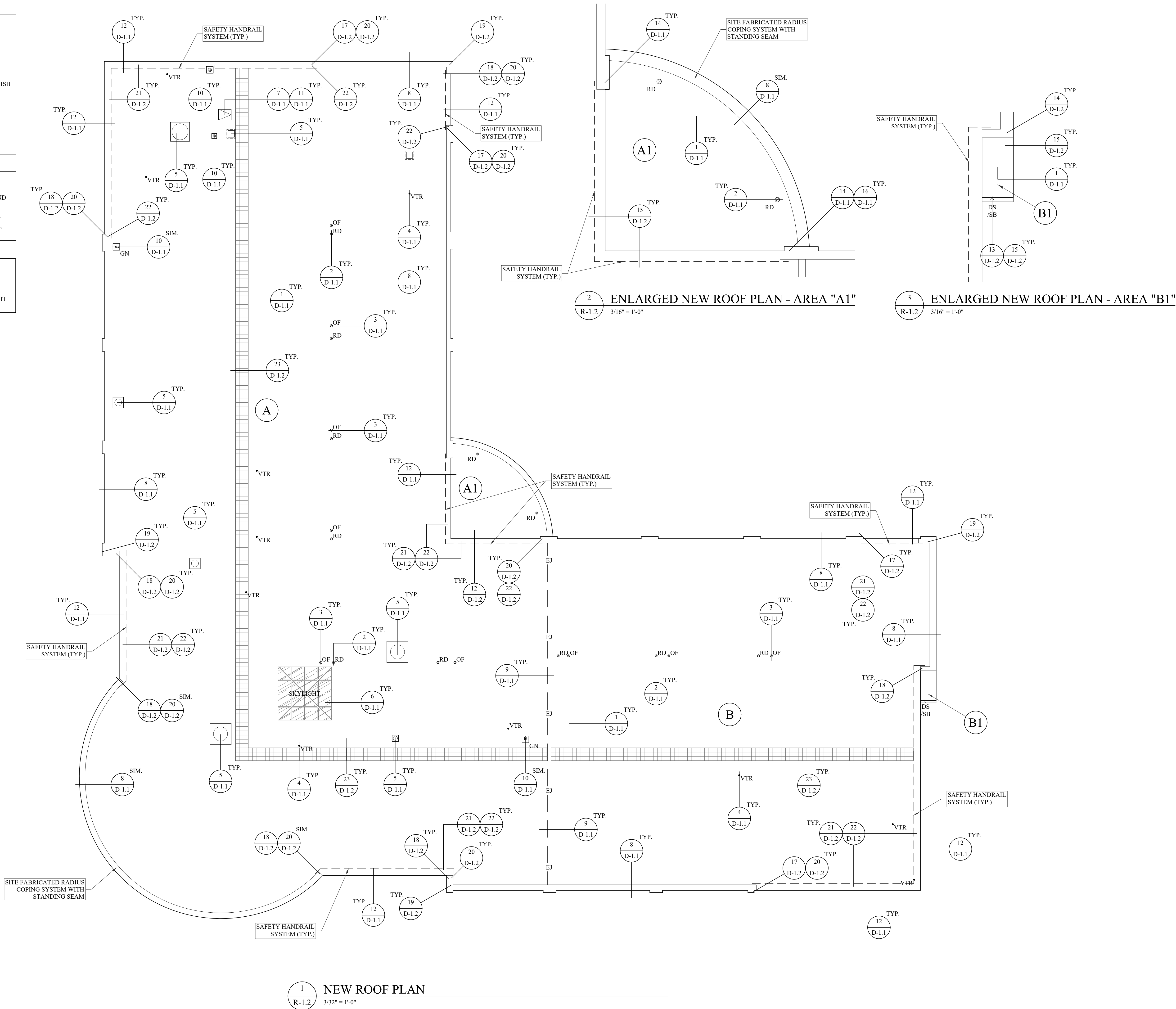
- ALL ROOF CURBS SHALL BE RAISED TO HAVE 8" BASE FLASHING FROM FINISH ROOF MEMBRANE.
- WALK PADS SHALL BE INSTALLED AS INDICATED ON PROJECT DRAWINGS.
- EXPANSION JOINT SHALL BE RAISED TO BE 10" ABOVE FINISH ROOF MEMBRANE.
- SAFETY HANDRAILS SHALL BE INSTALLED PER MANUFACTURERS REQUIREMENTS AT ALL ROOF EDGE CONDITIONS AND SECURED TO THE PERIMETER PARAPET WALL.
- ALL RUSTED CURB HOODS TO BE CLEANED, PRIMED, & PAINTED OR REPLACED WITH NEW.

SKYLIGHT NOTES:

- BASE BID INCLUDES REPLACEMENT OF ALL SEALANTS AND WET GLAZING AT EXISTING SKYLIGHT.
- ALTERNATE NO. TWO INCLUDES THE EXISTING SKYLIGHT BEING REPLACED WITH NEW TO MATCH EXISTING IN SIZE, GLASS COLOR, FRAMING, ETC.

WALK PAD NOTES:

- WALK PADS SHALL BE INSTALLED.
- WALK PADS TO BE INSTALLED AT EACH MECHANICAL UNIT AT SERVICE DOOR LOCATIONS. NOT SHOWN ON PLAN.



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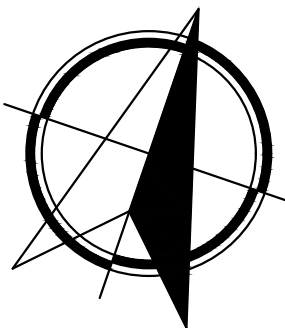
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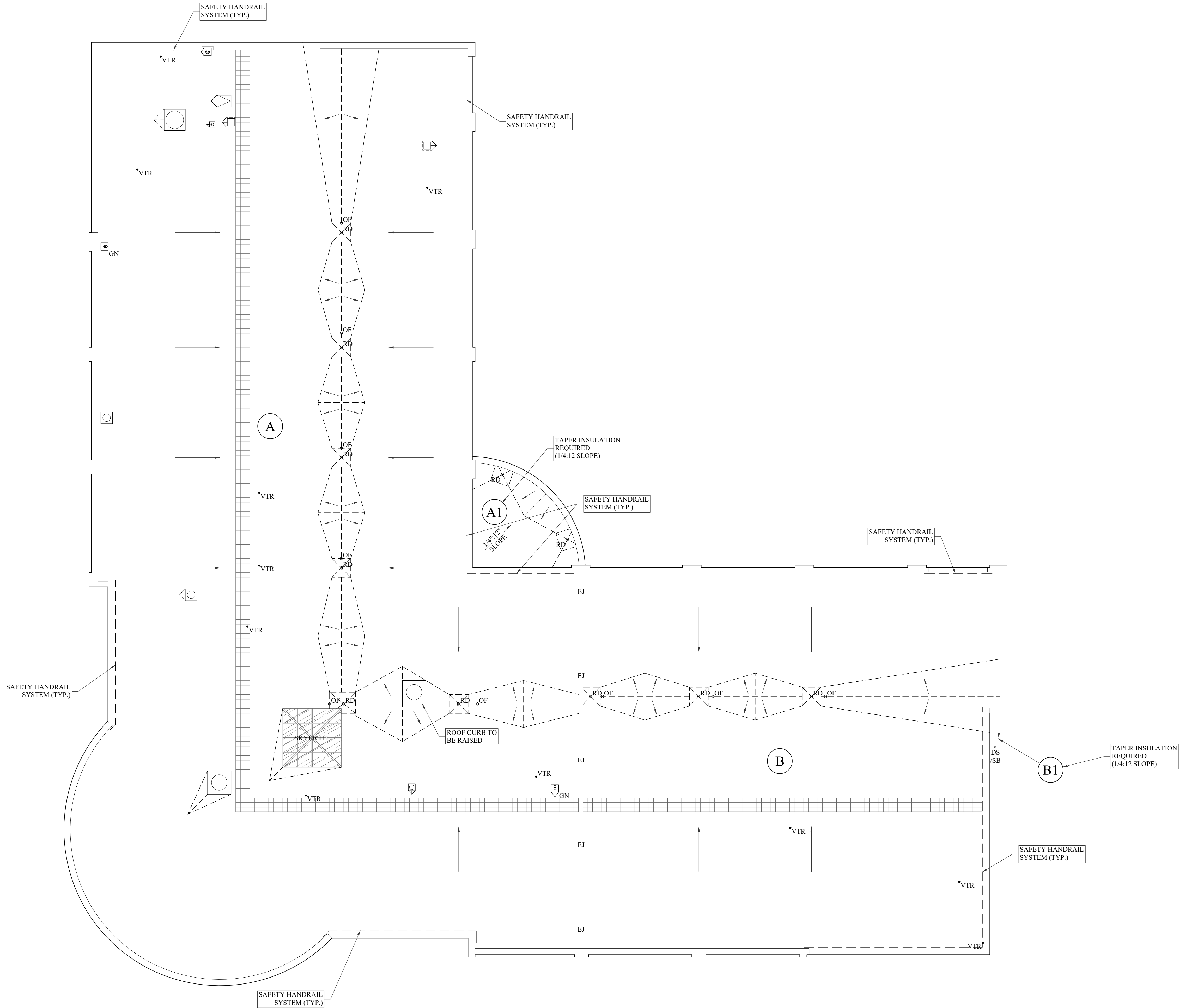
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NEW ROOF PLANS

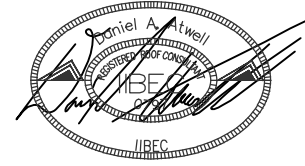
R-1.2

TAPER NOTES:

1. TAPER CRICKETS TO BE INSTALLED AT HIGH SIDE OF ALL ROOF CURB PENETRATIONS.
2. TAPERED CRICKETS TO BE INSTALLED WITH A 2 TO 1 LENGTH RATIO.
3. MIN. 6'X6' TAPERED SUMP TO BE PROVIDED AT ALL ROOF DRAIN LOCATIONS.
4. TAPERED EDGE STRIP IS REQUIRED AT ALL TAPERED CRICKET LOCATIONS.



1  
R-1.3  
TAPER PLAN  
3/32" = 1'-0"



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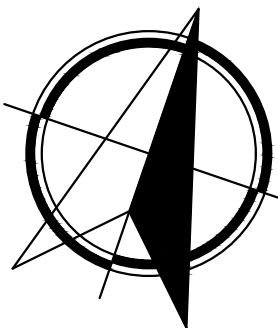
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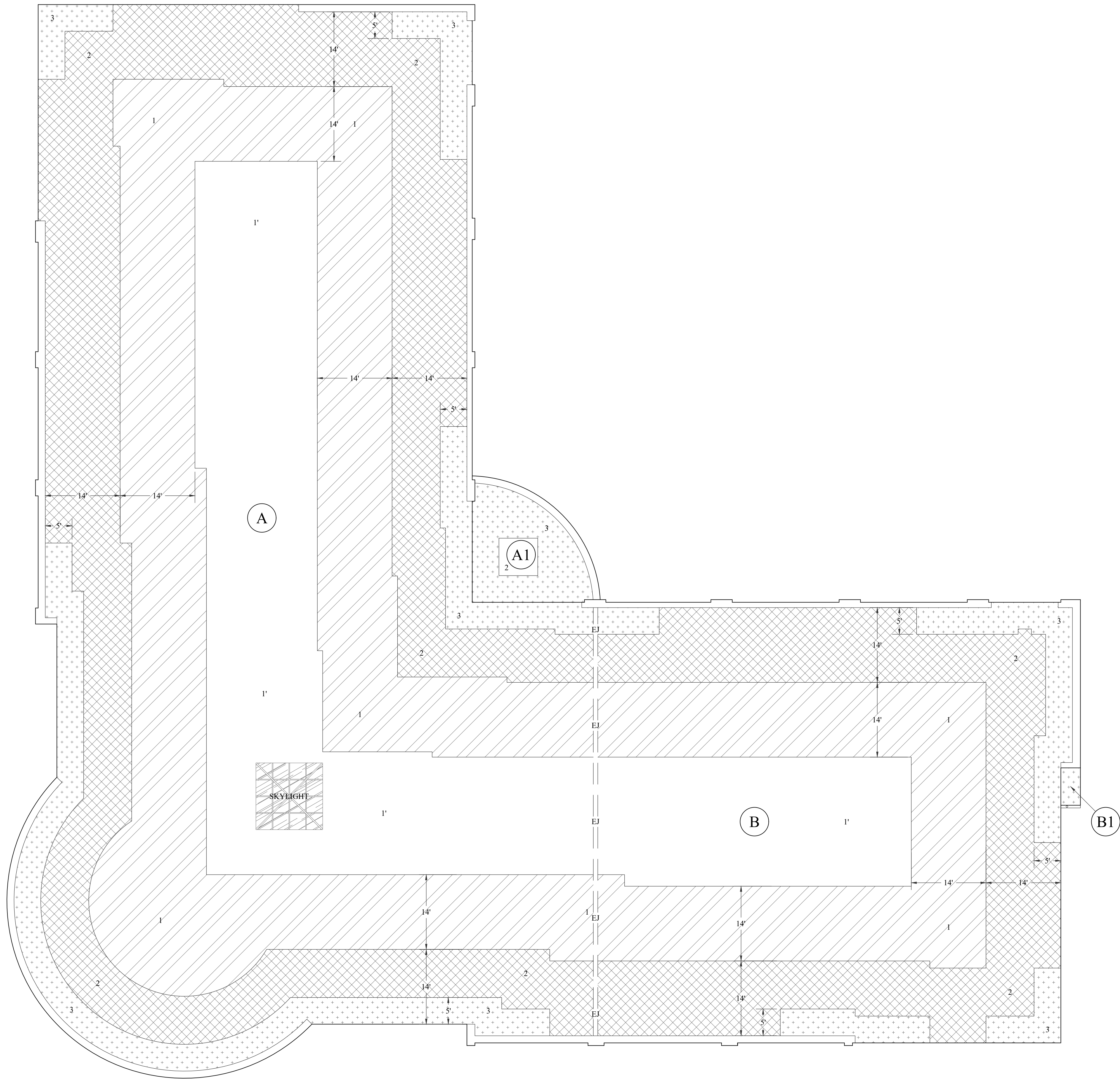
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TAPER PLAN

R-1.3

NOTES:

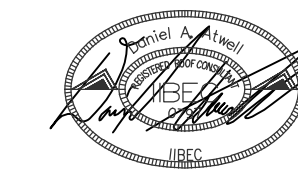
- 1) ROOF ZONE 1' = INTERIOR
- 2) ROOF ZONE 1 = FIELD
- 3) ROOF ZONE 2 = PERIMETER
- 4) ROOF ZONE 3 = CORNER



1  
R-1.4

WIND UPLIFT PLAN

3/32" = 1'-0"



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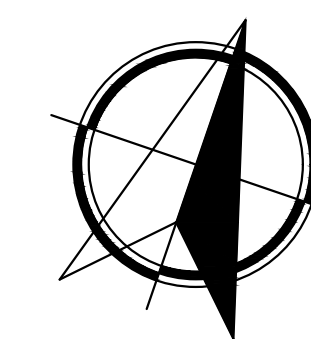
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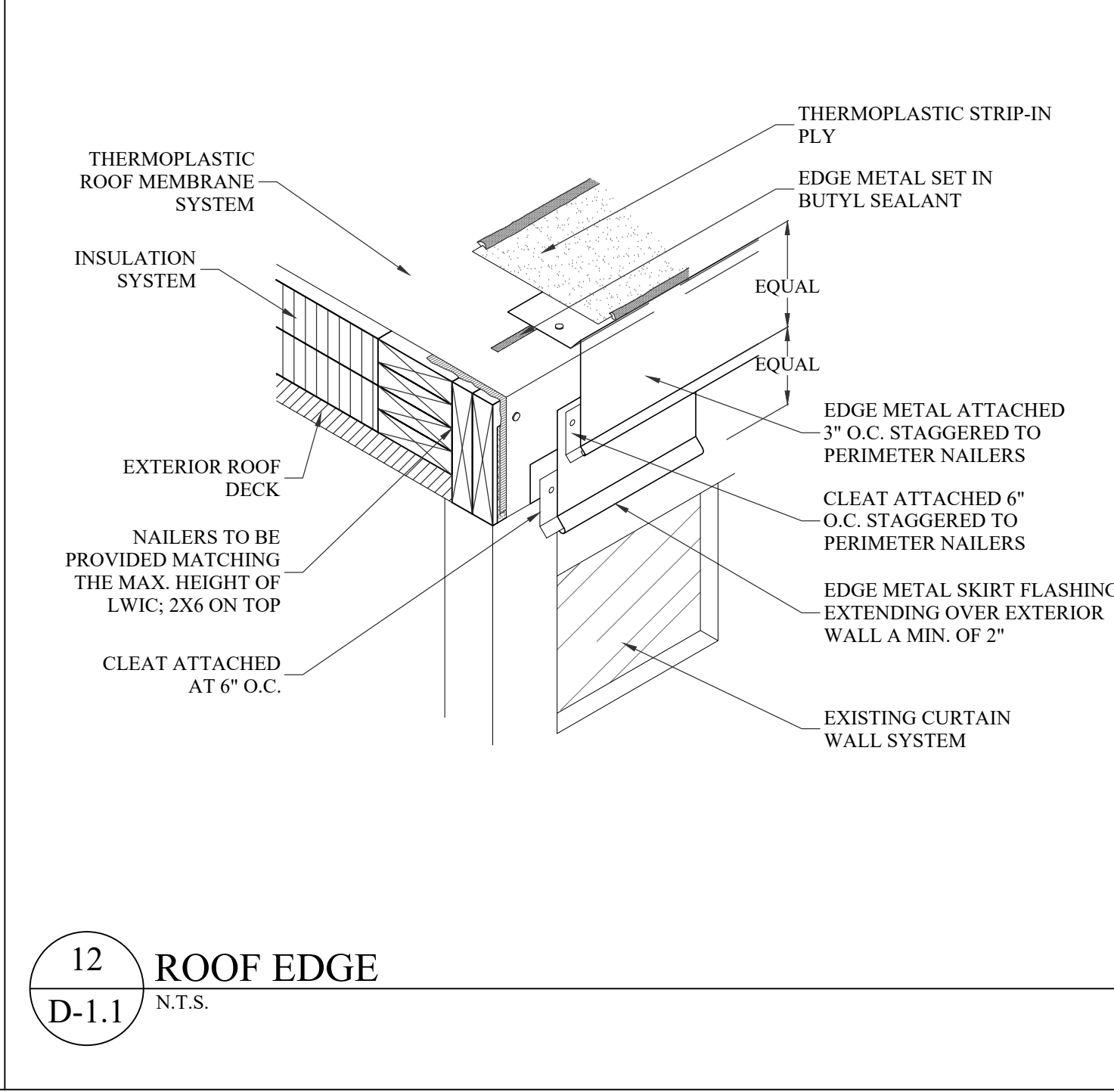
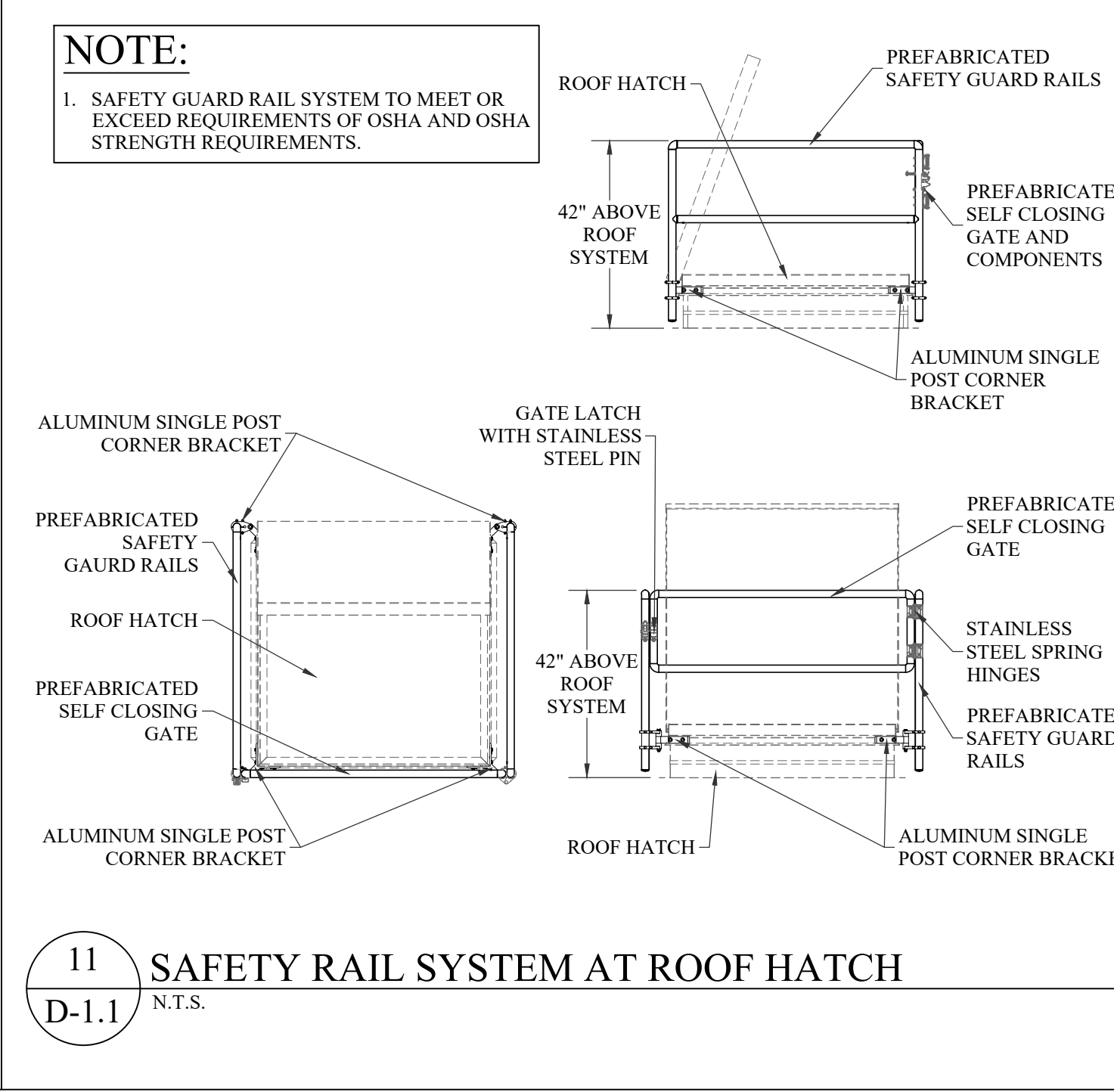
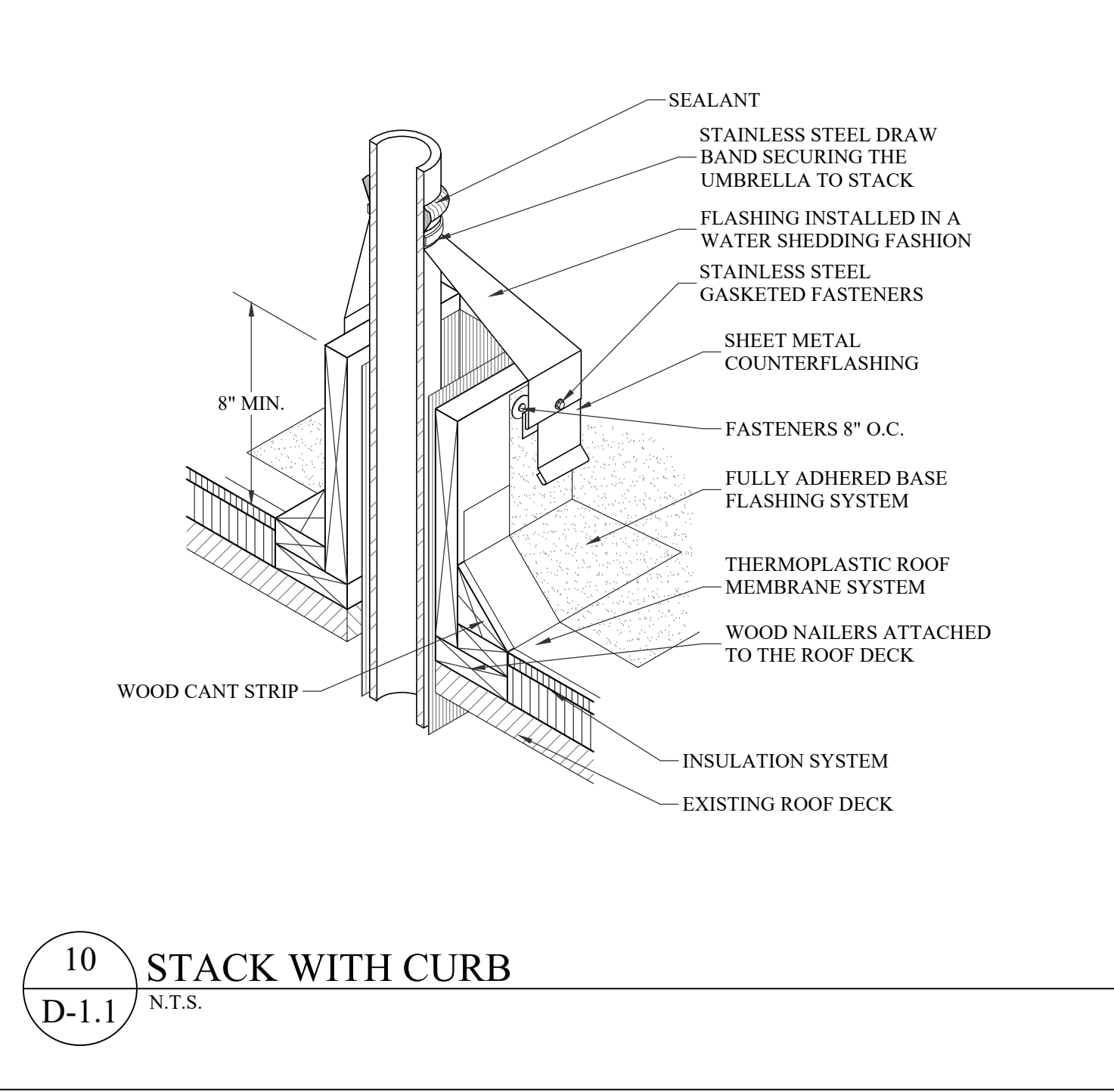
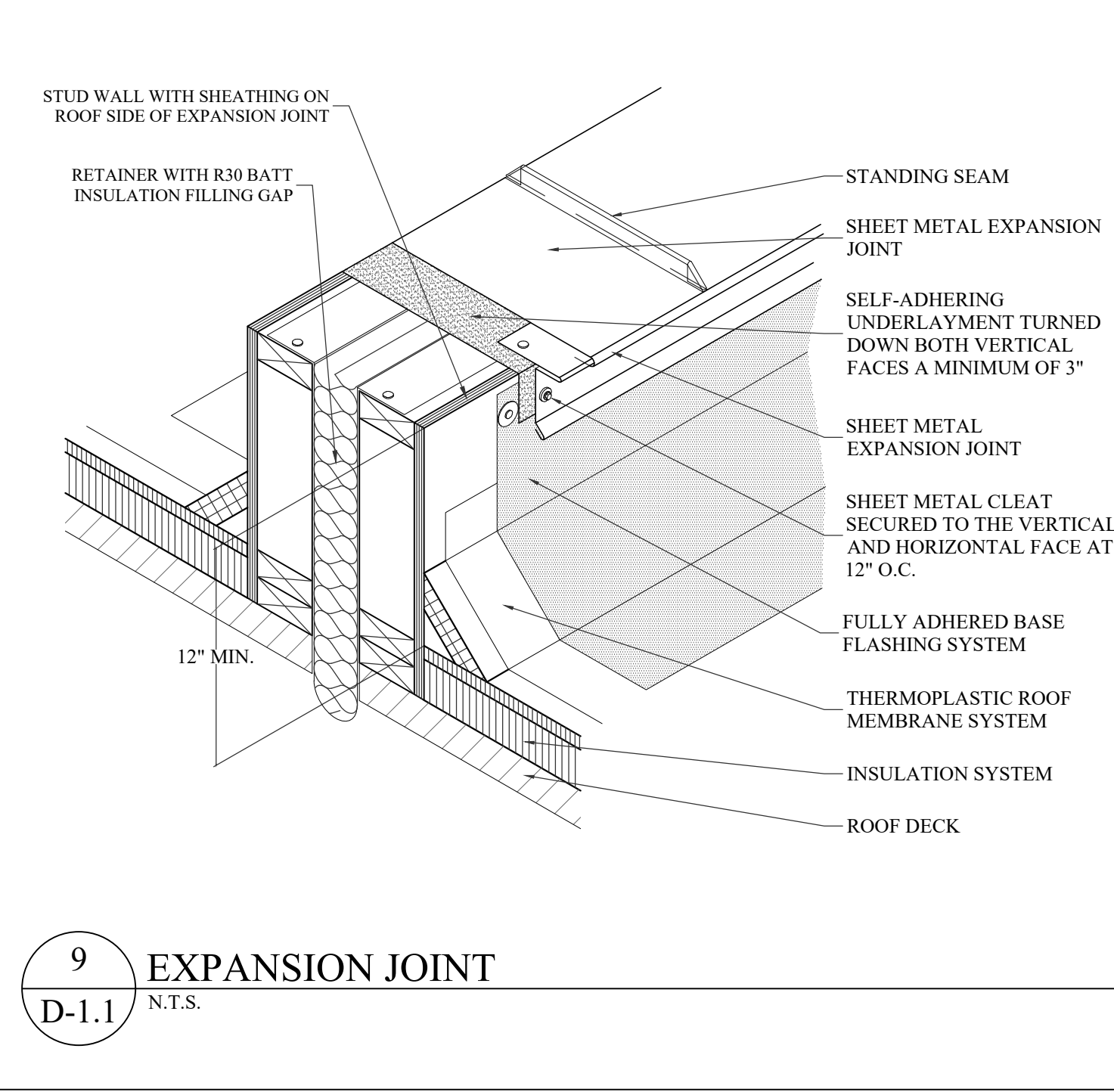
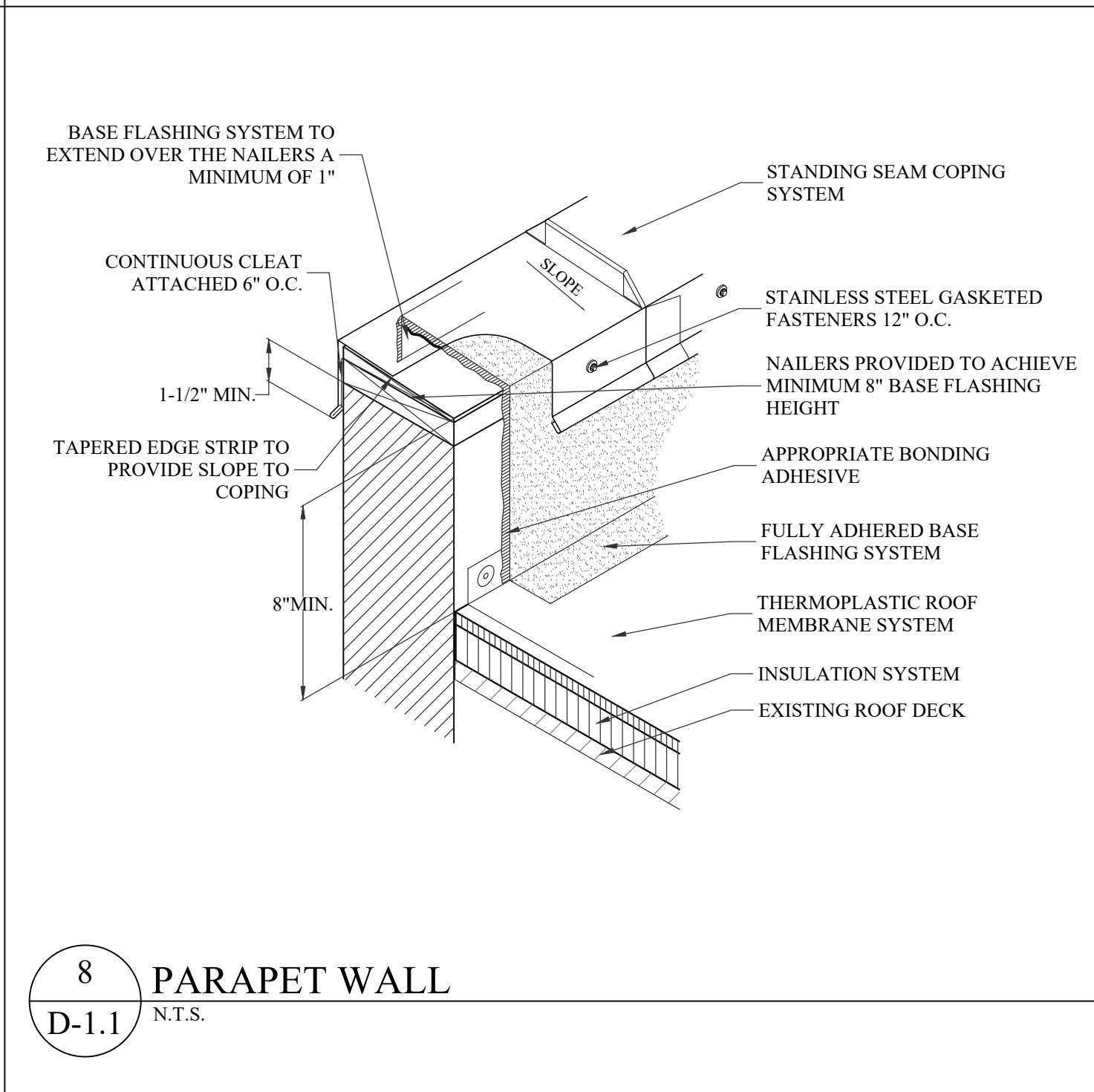
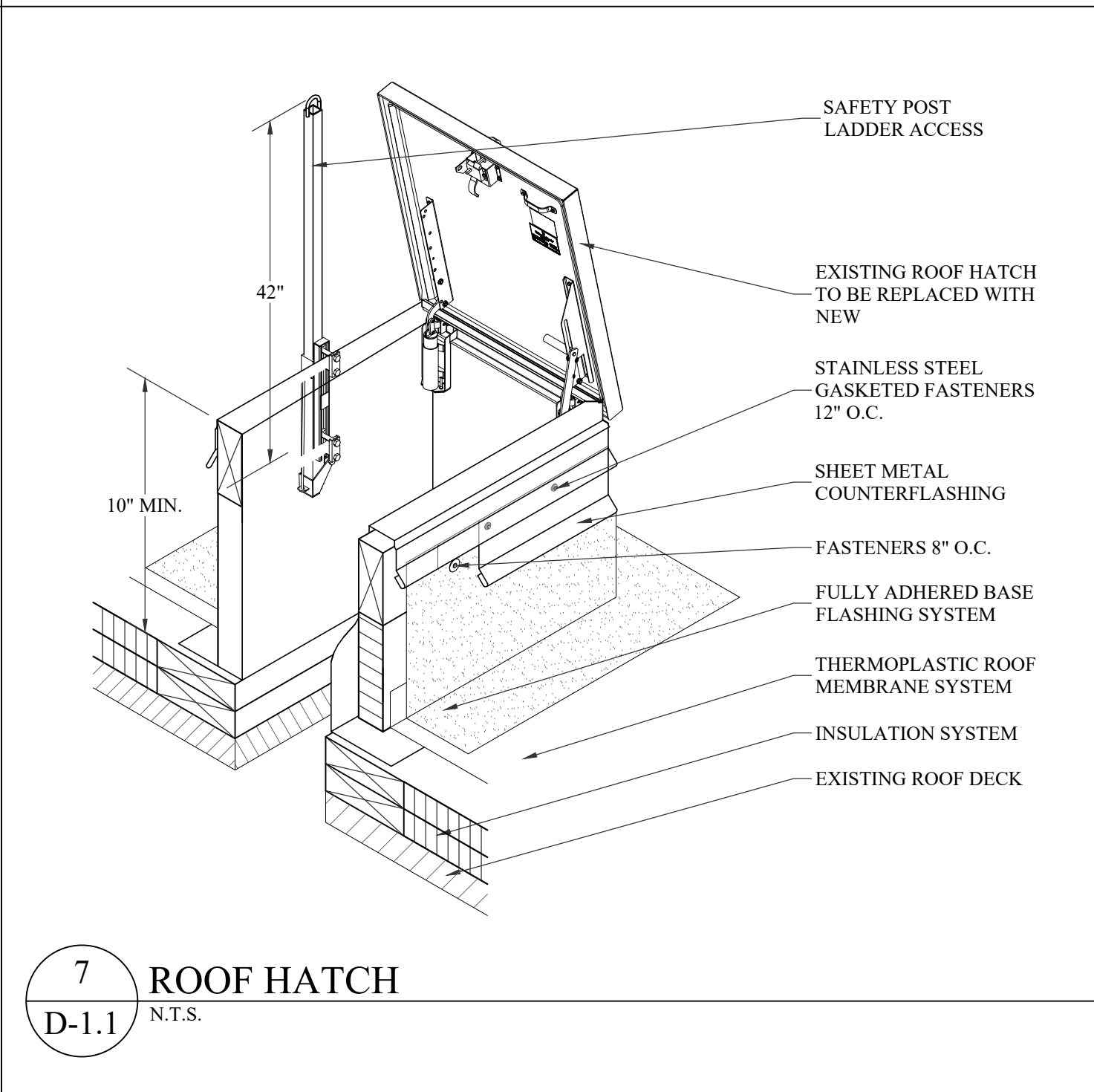
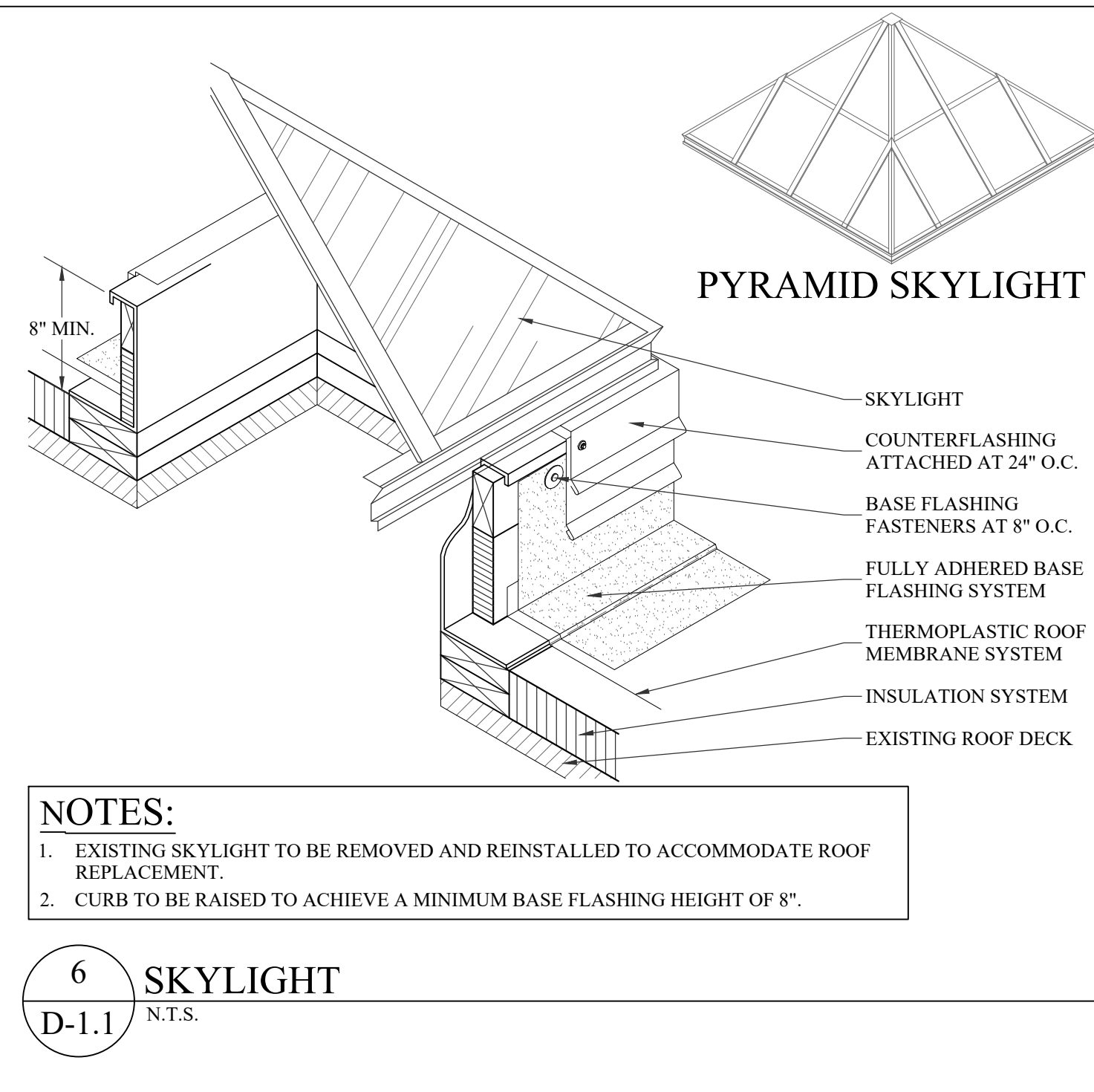
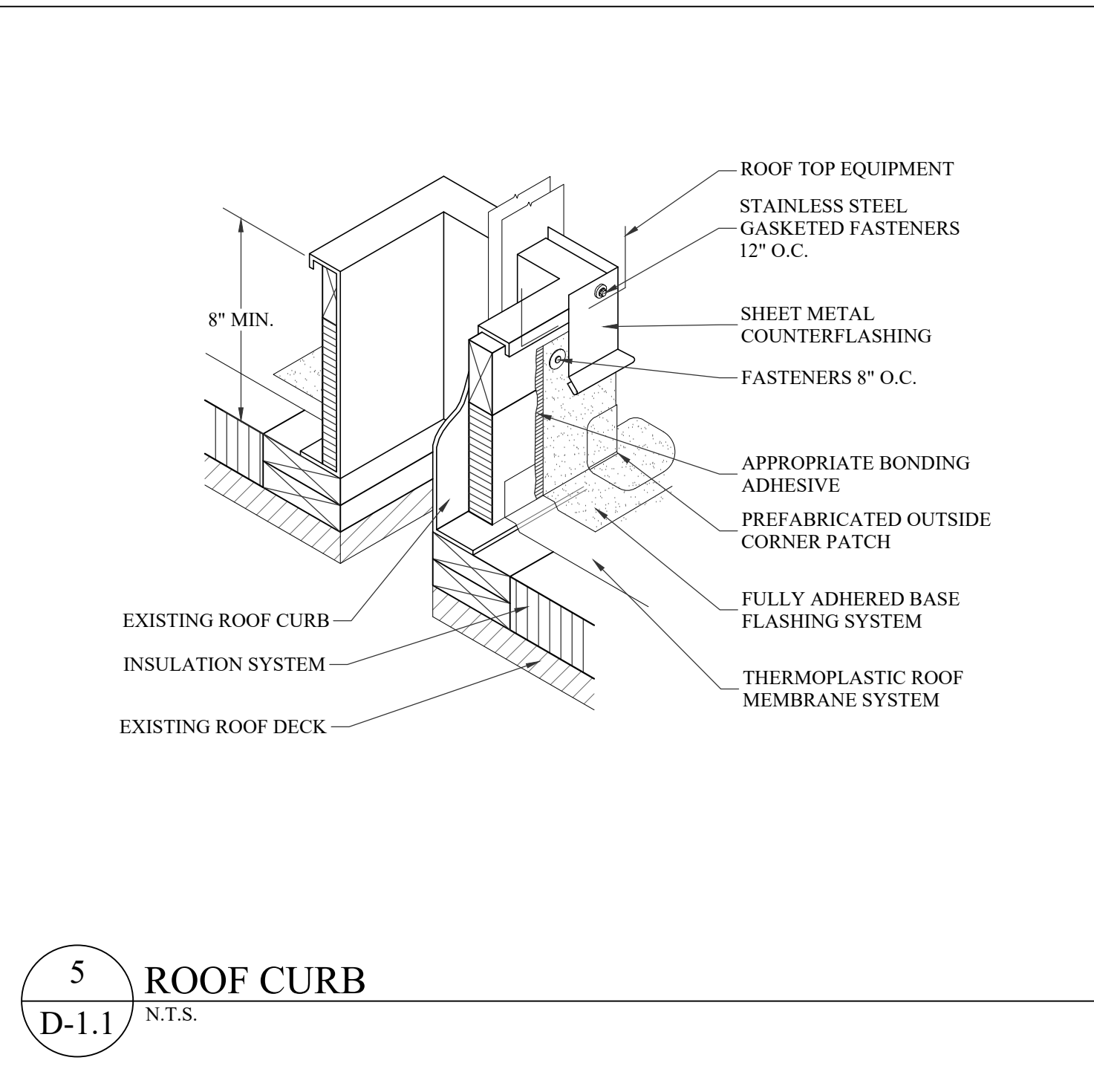
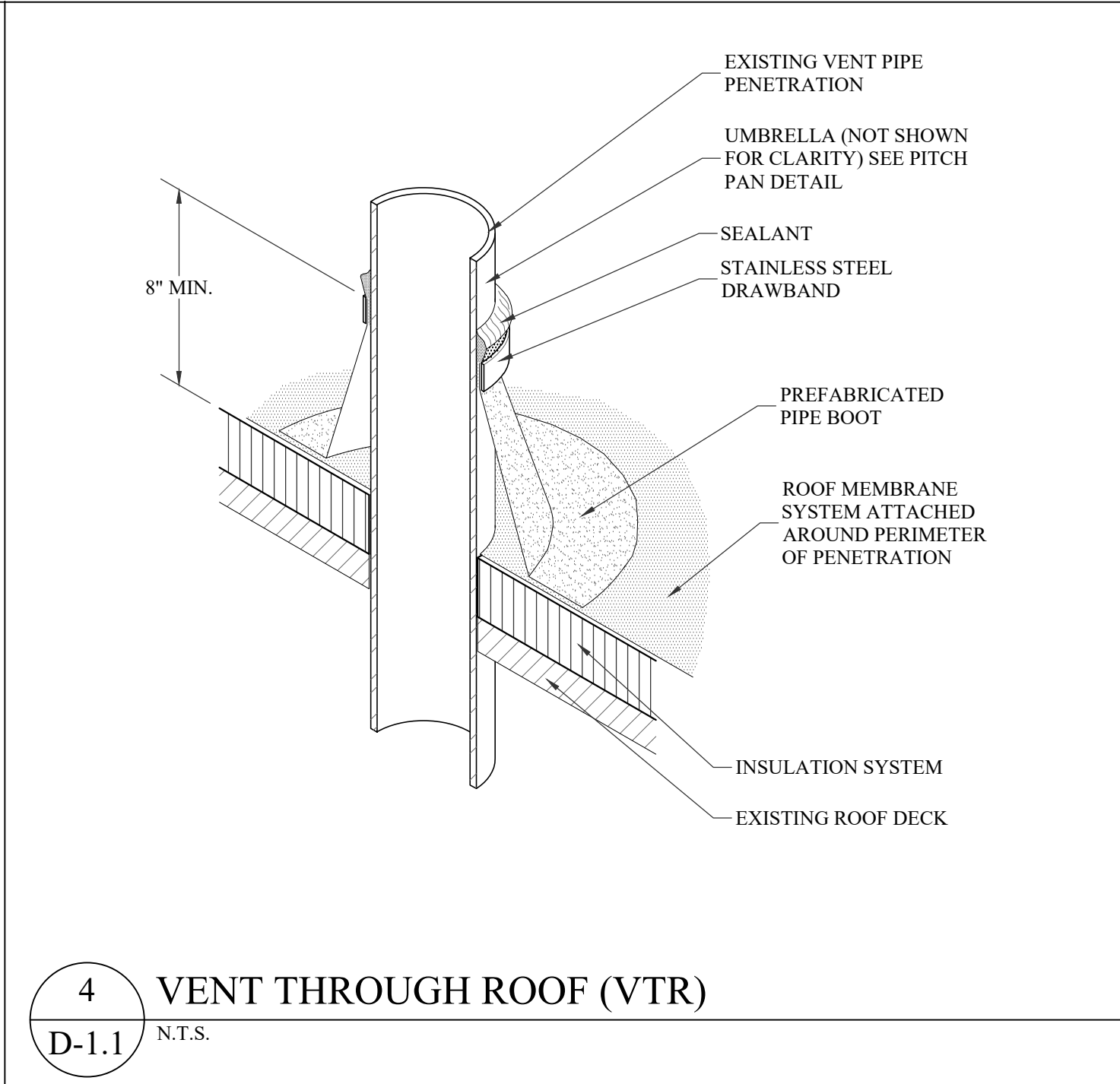
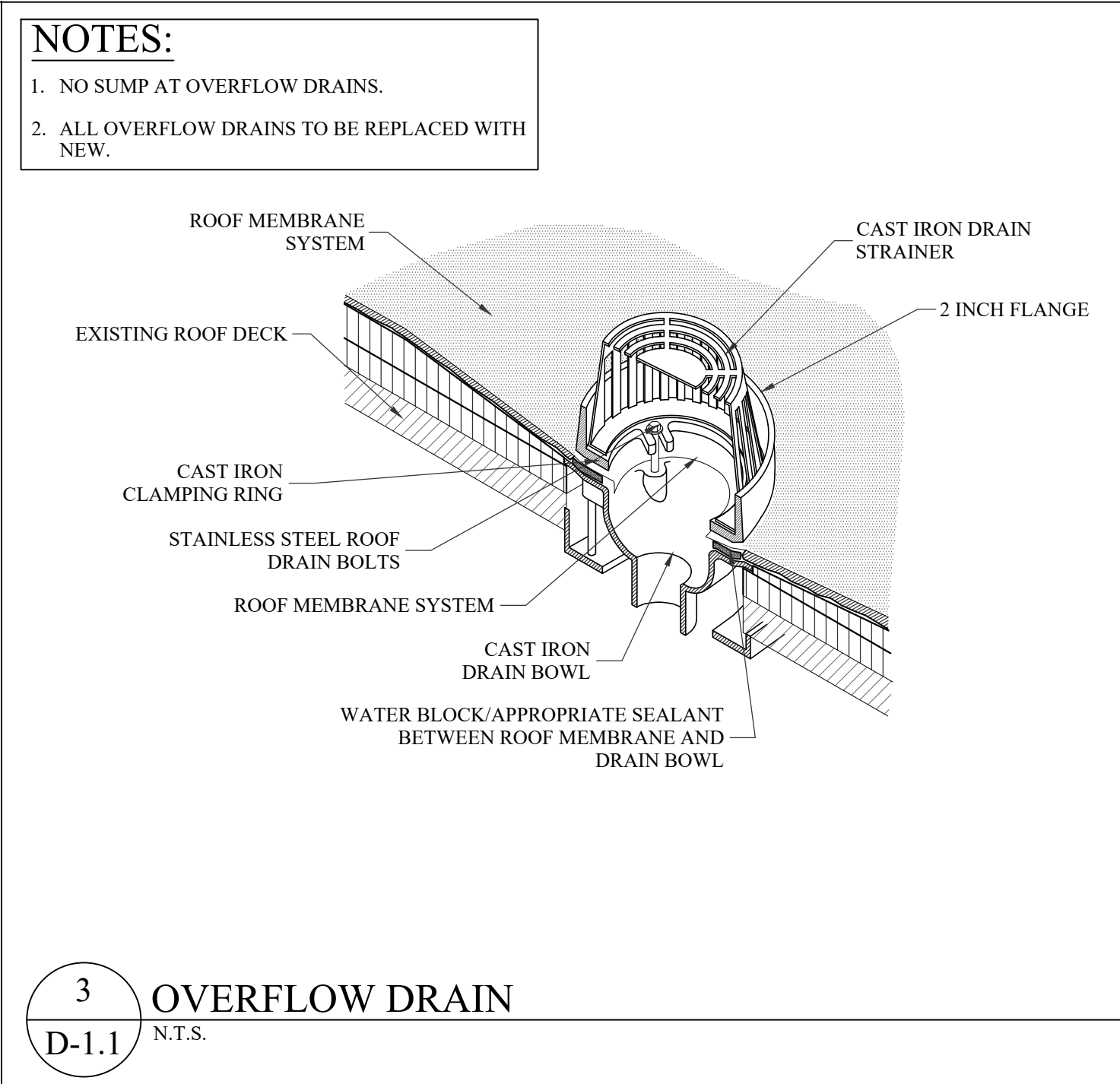
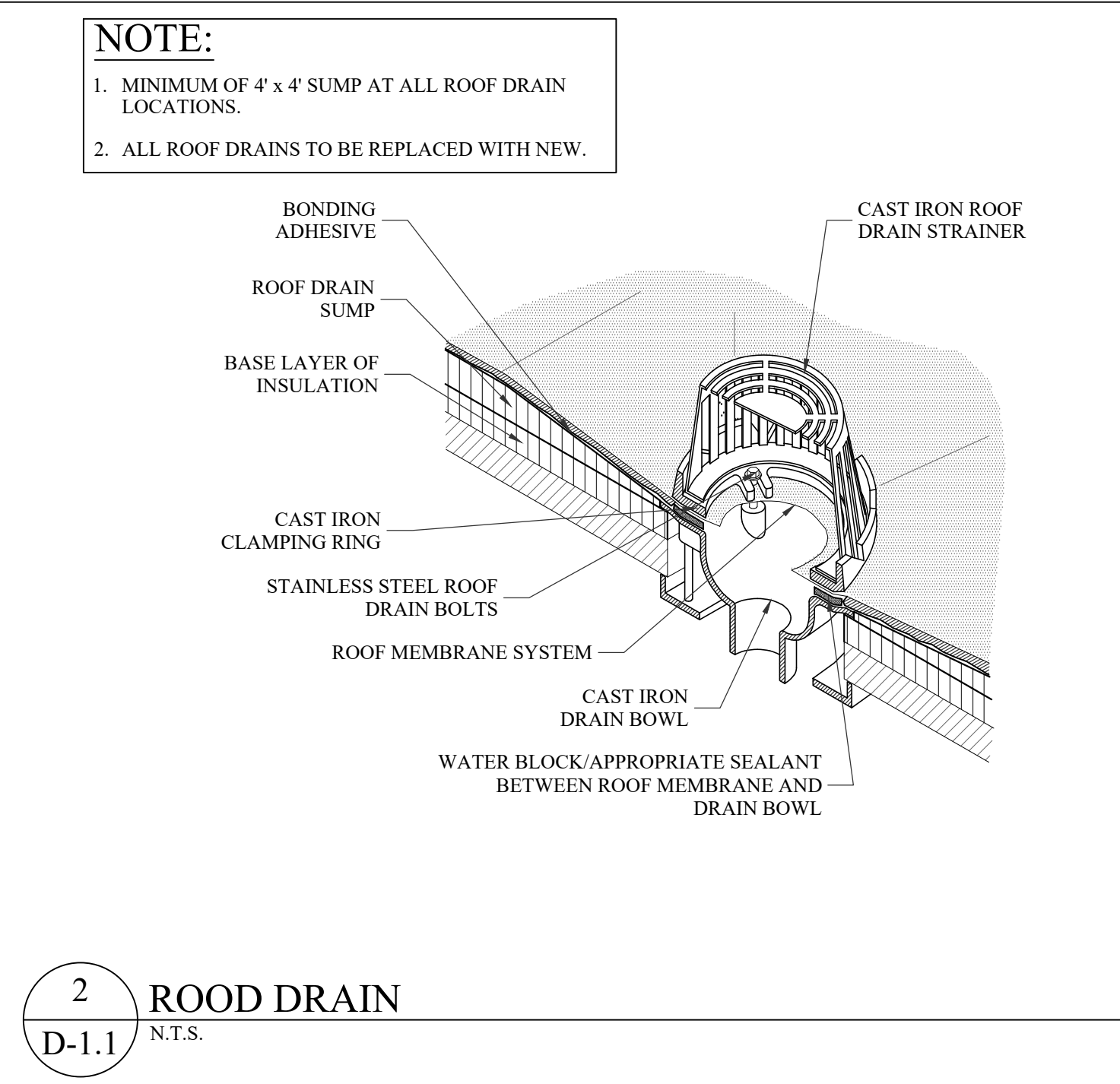
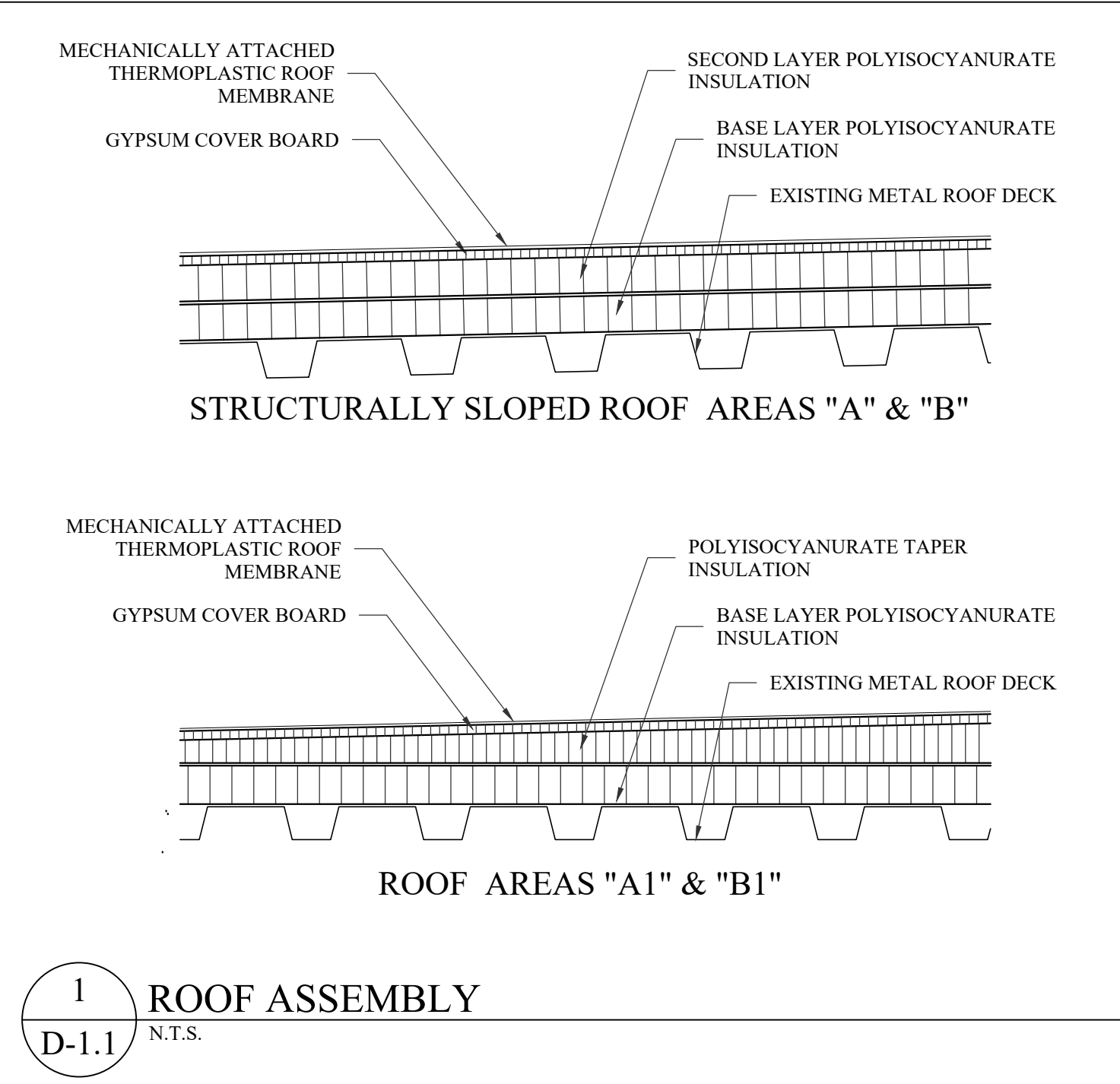
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WIND UPLIFT PLAN

R-1.4



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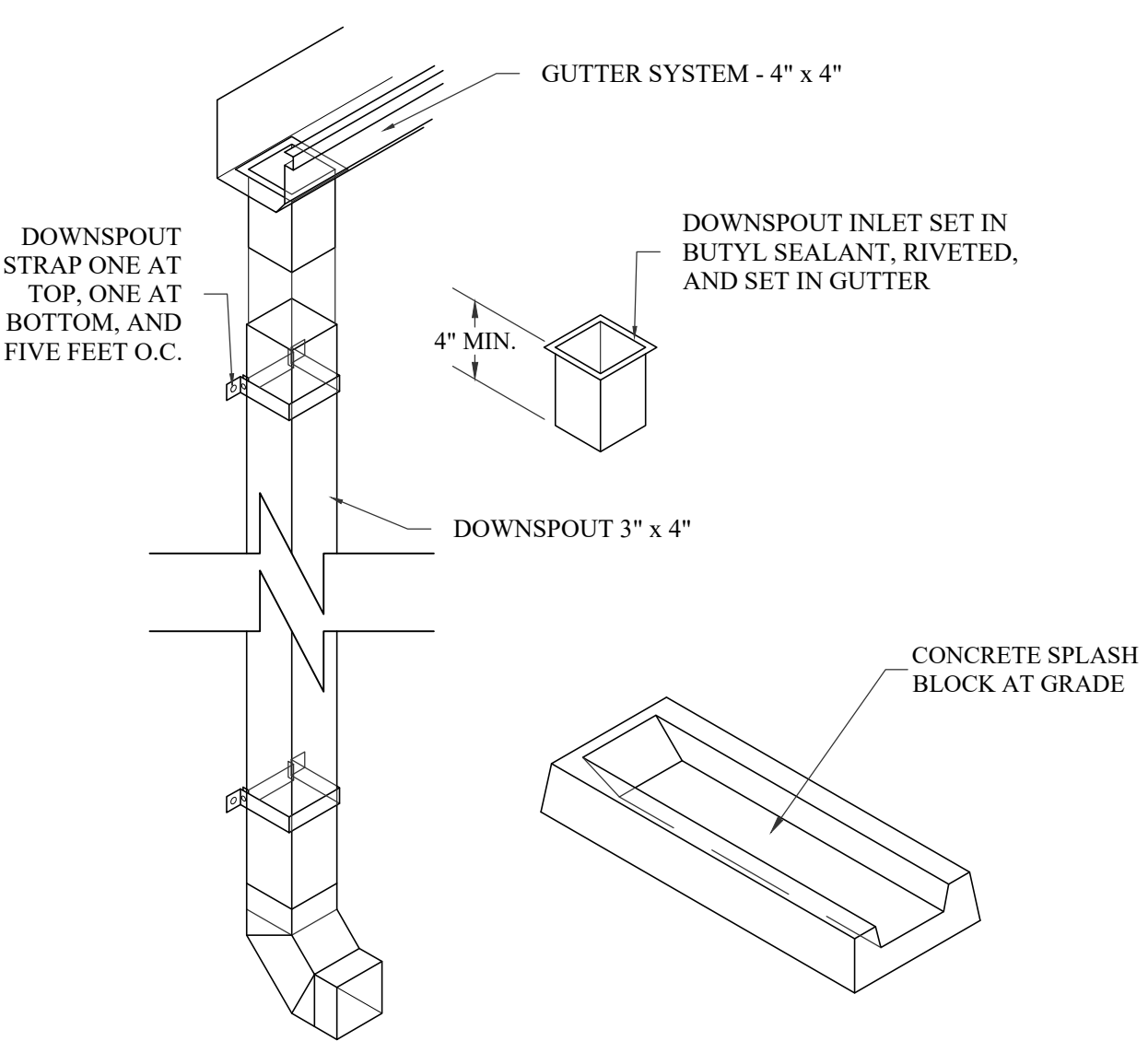
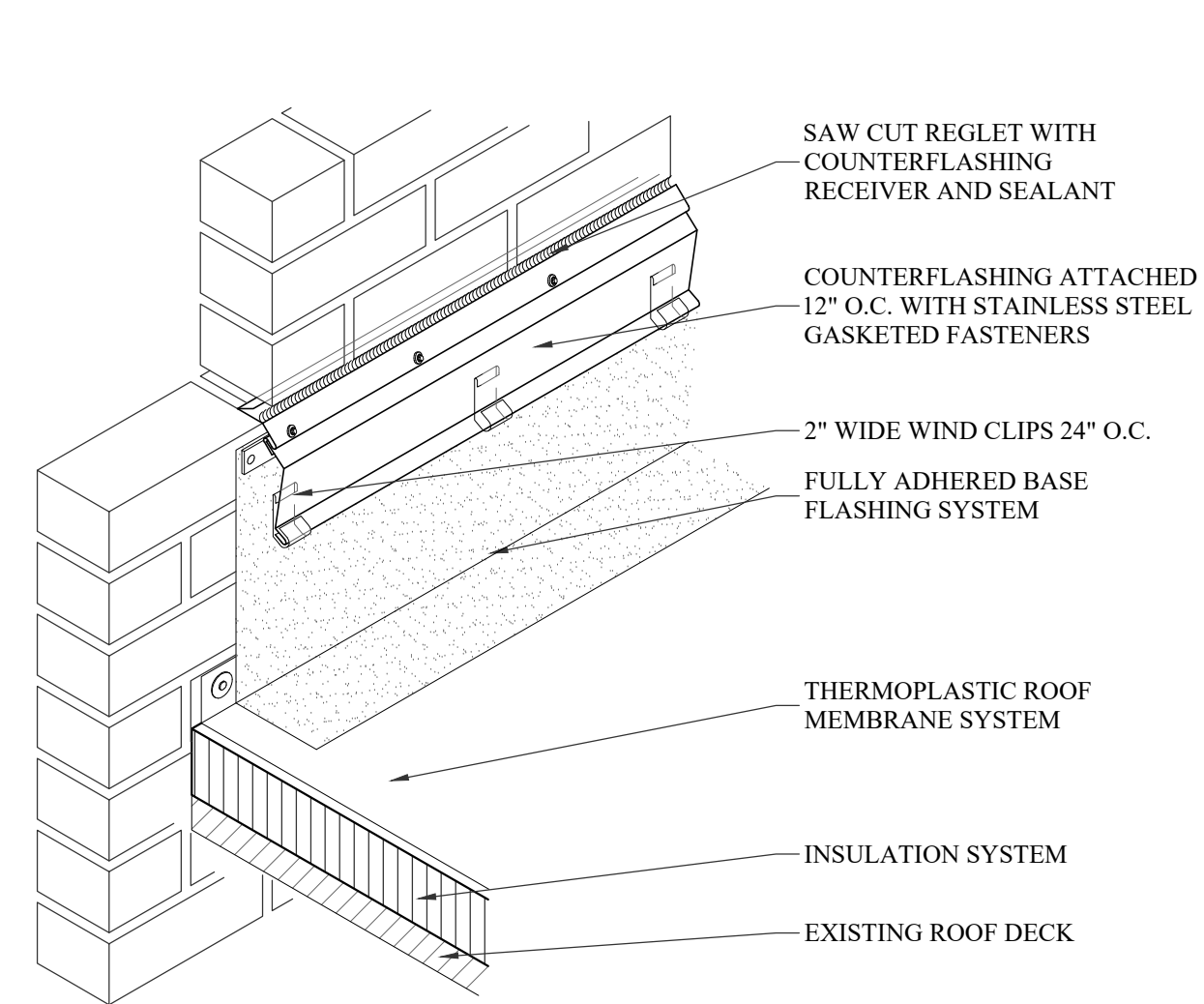
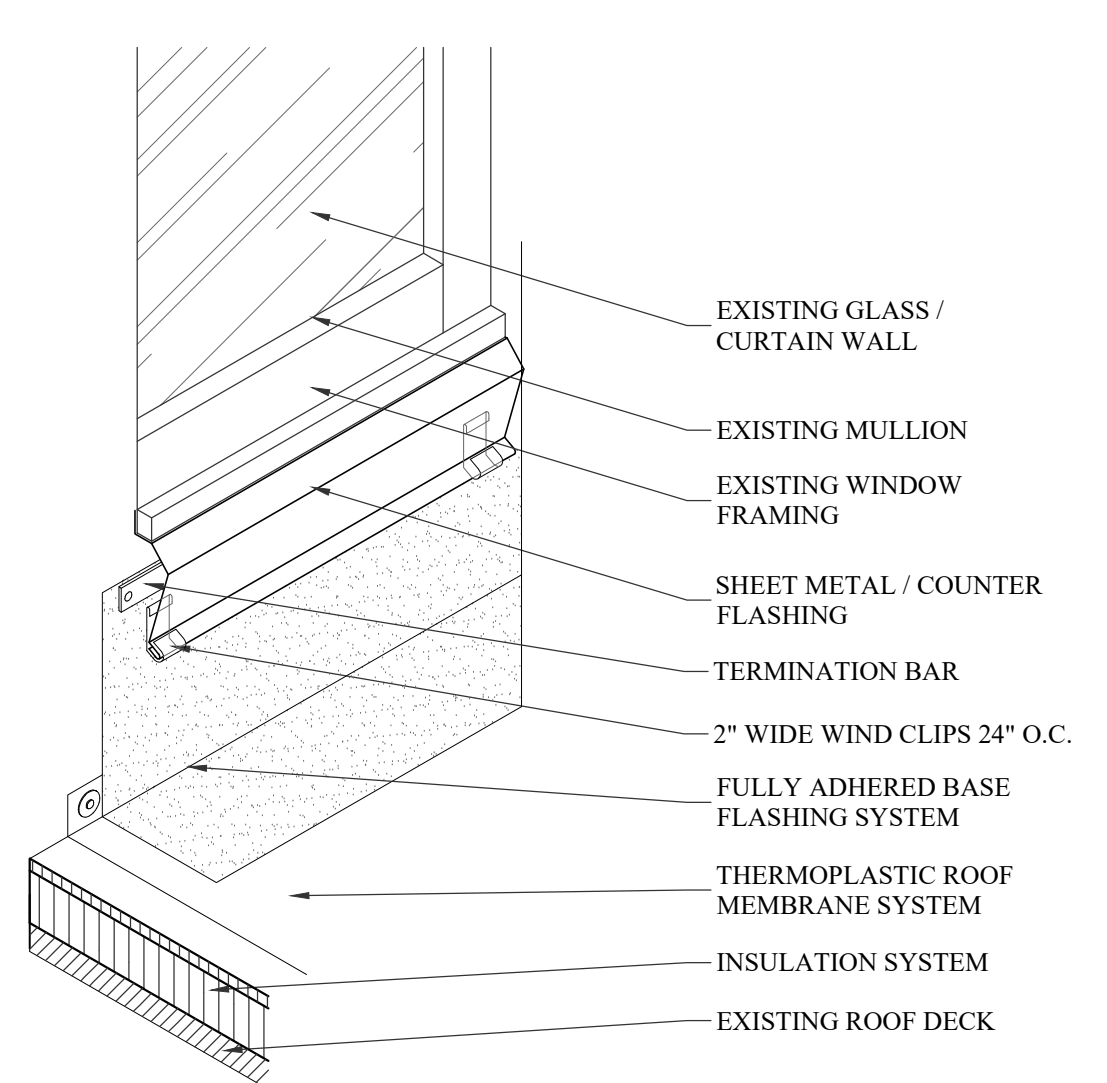
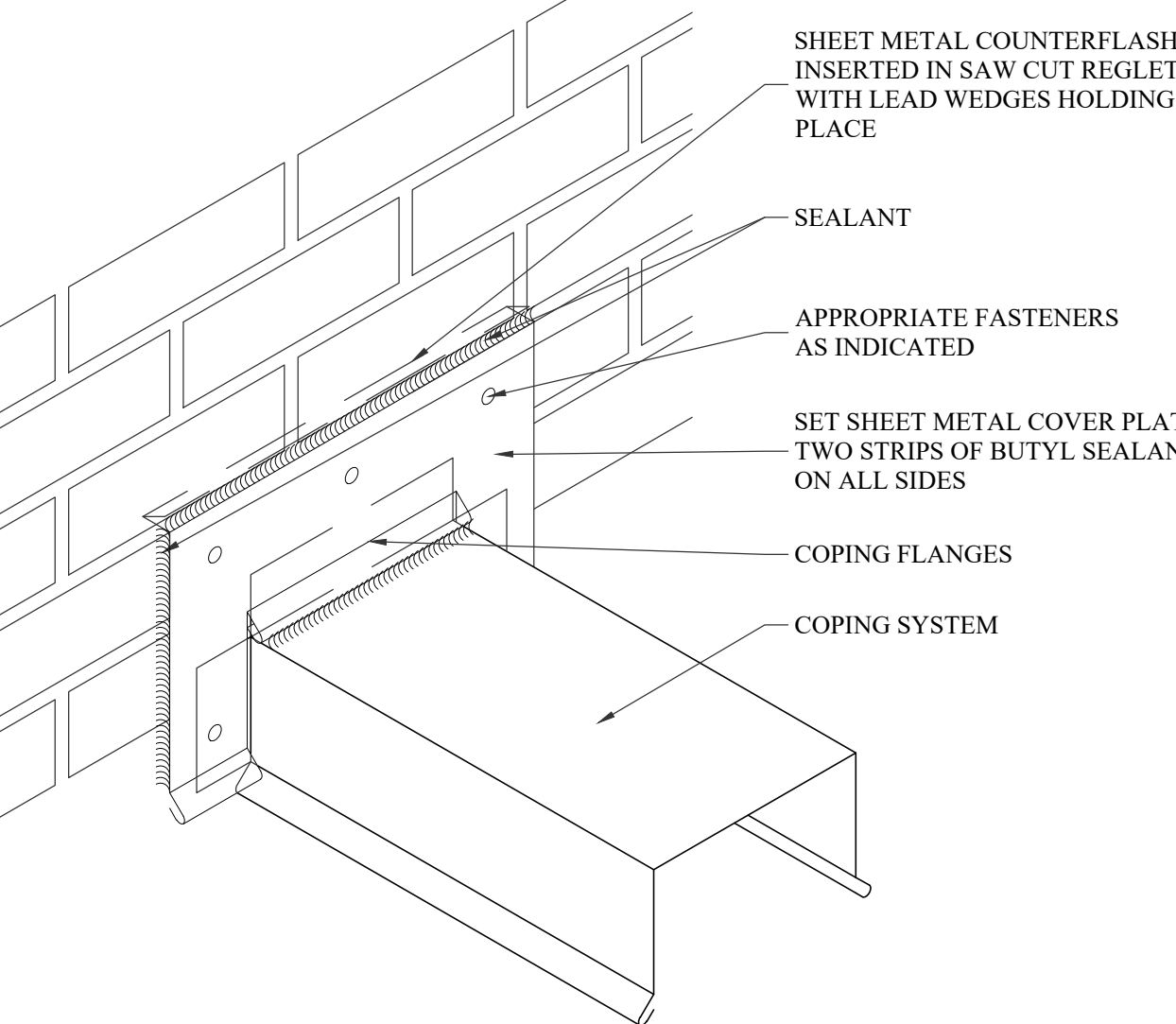
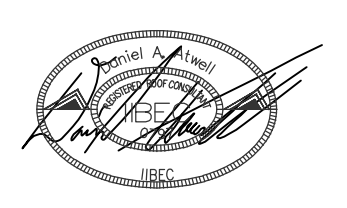
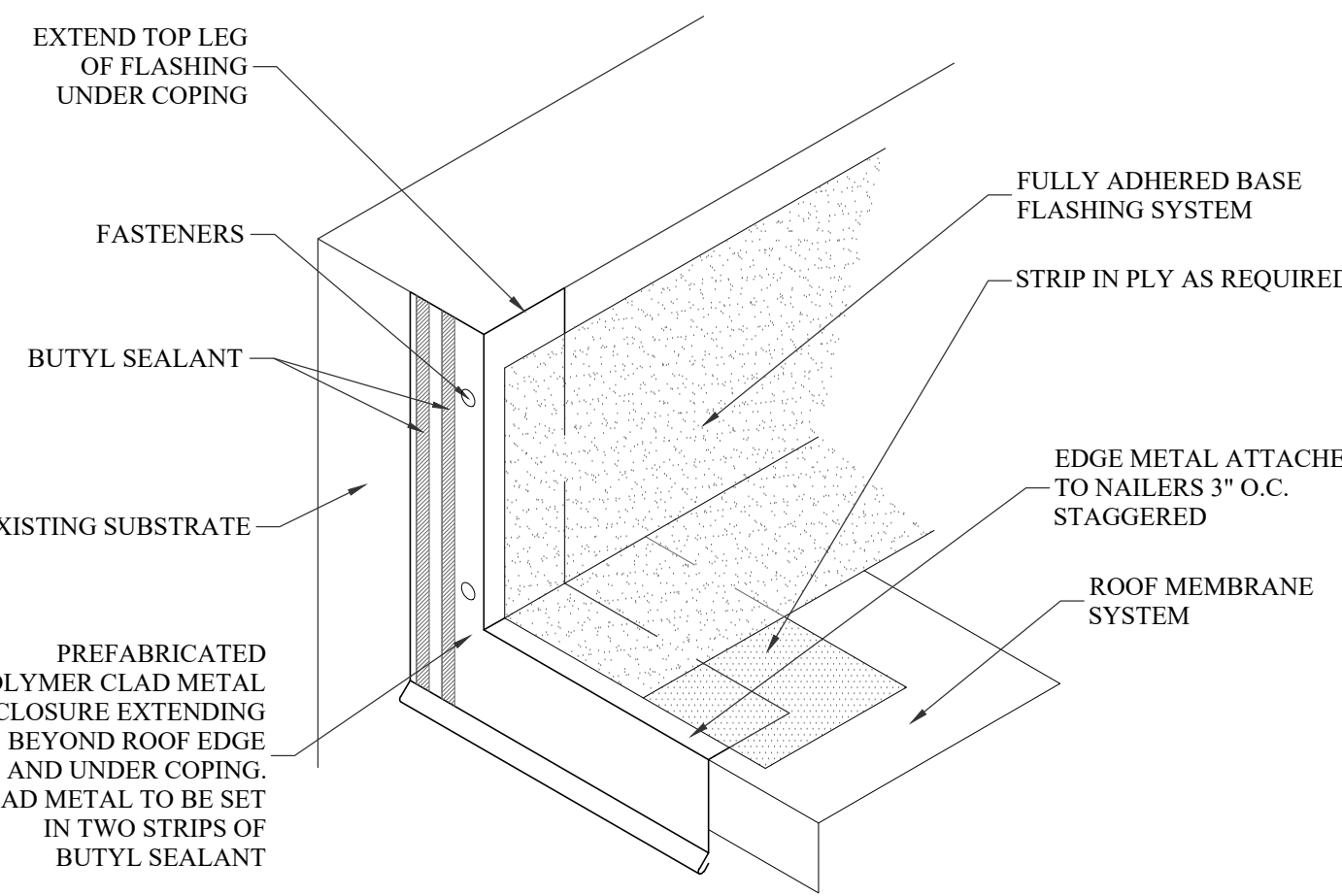
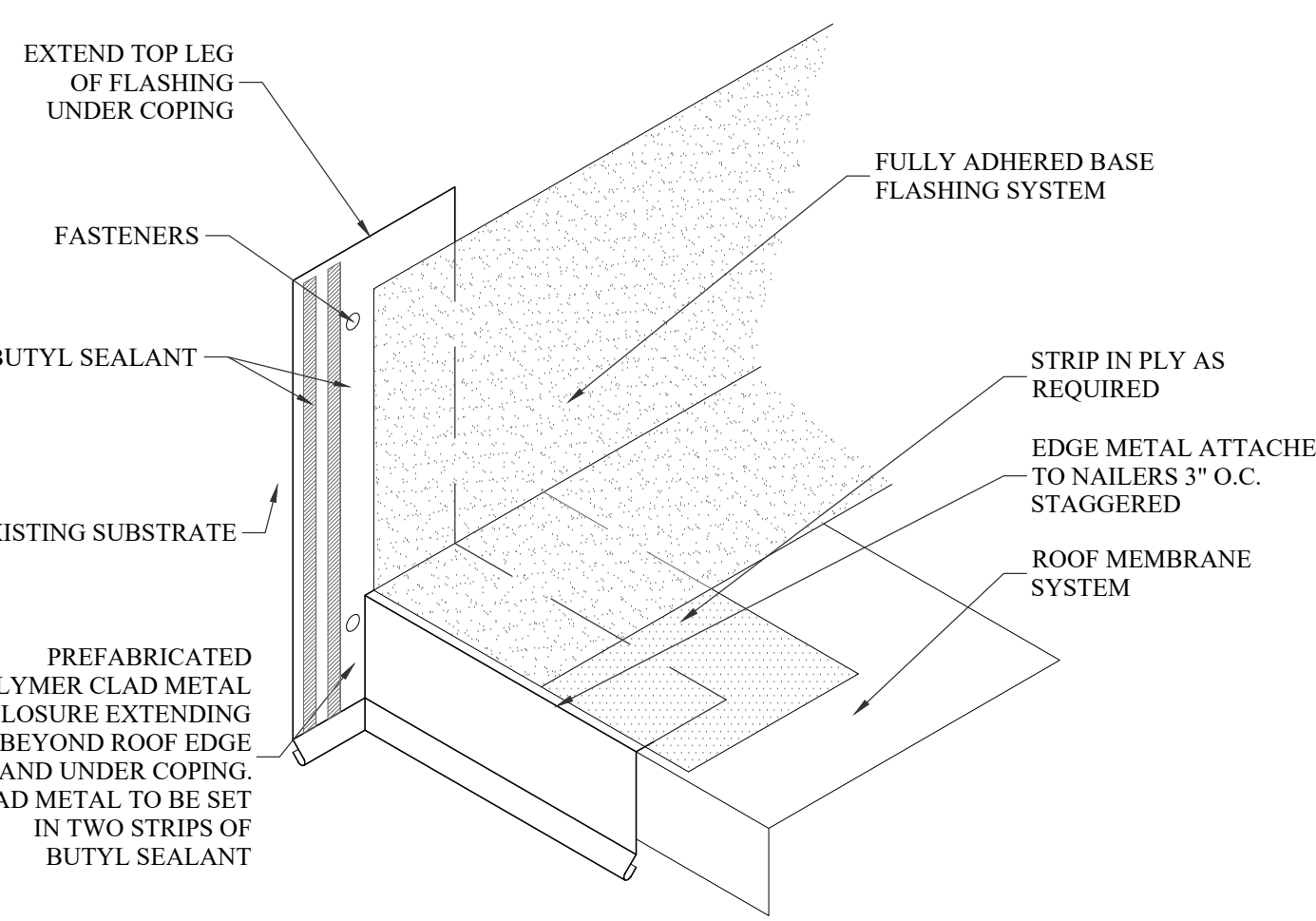
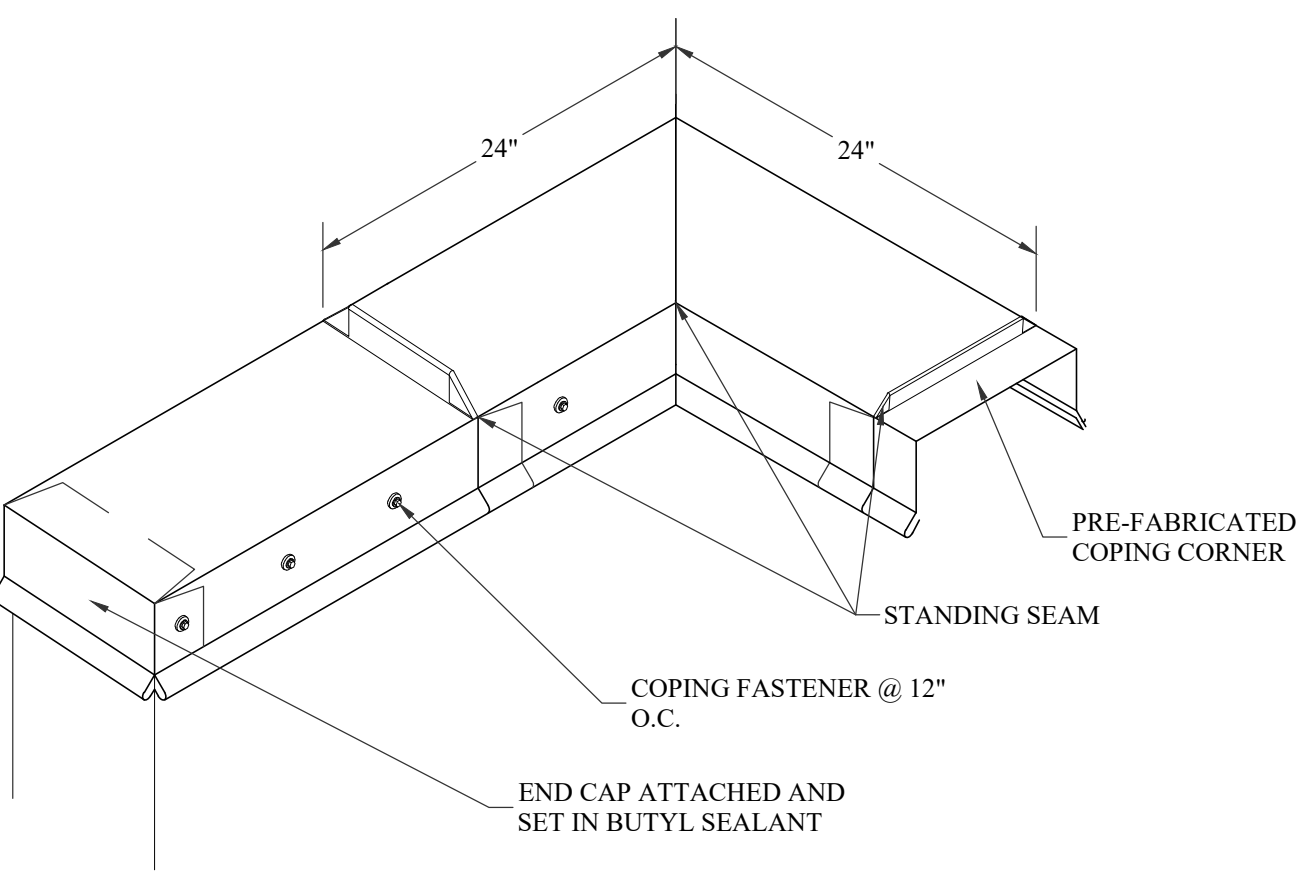
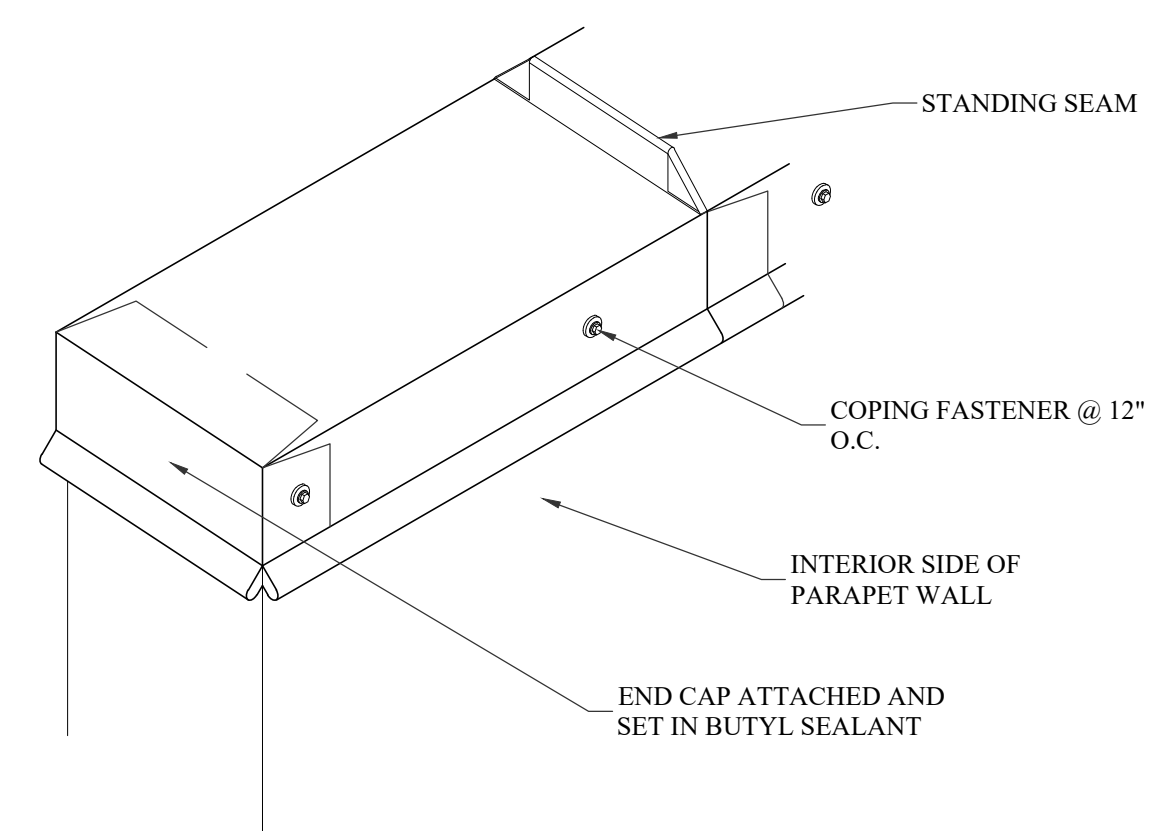
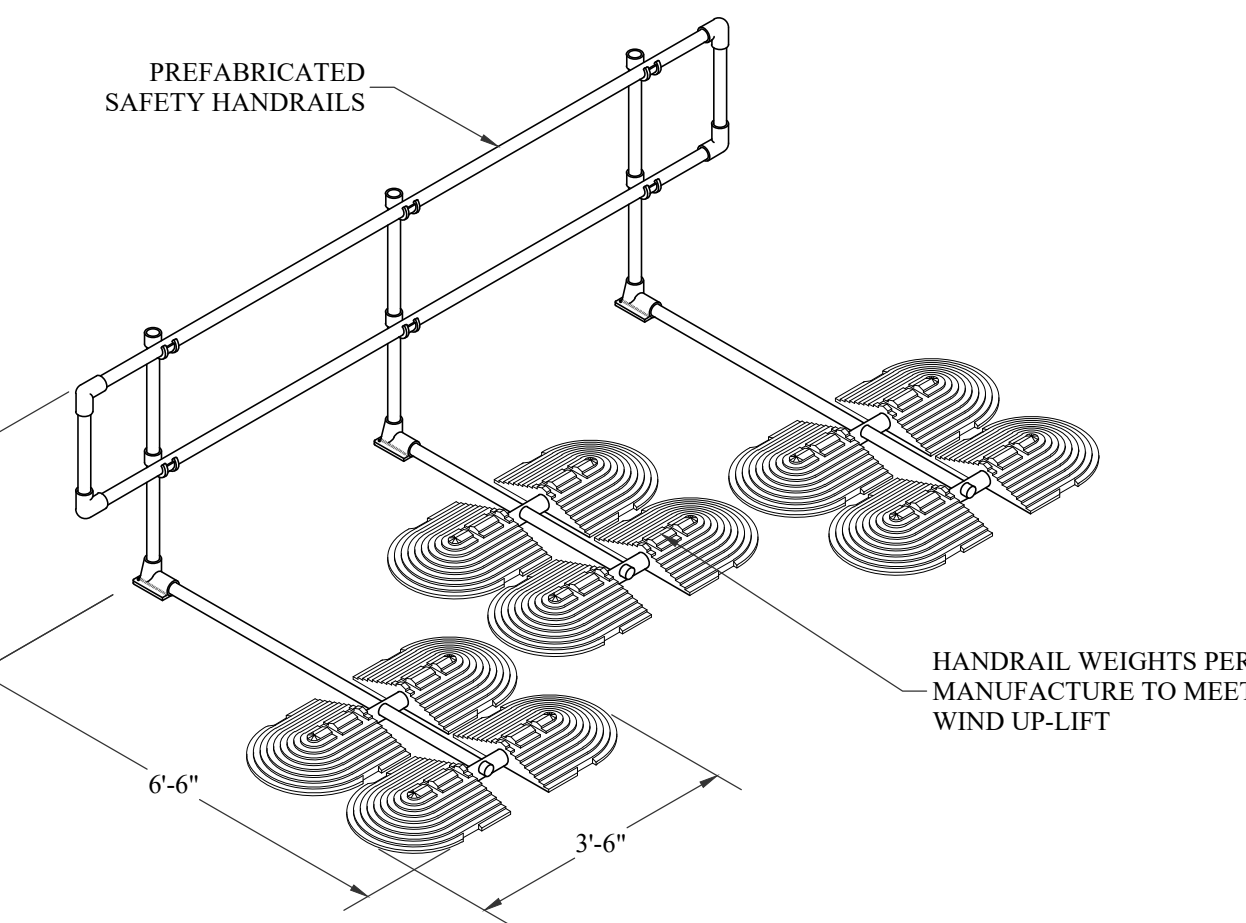
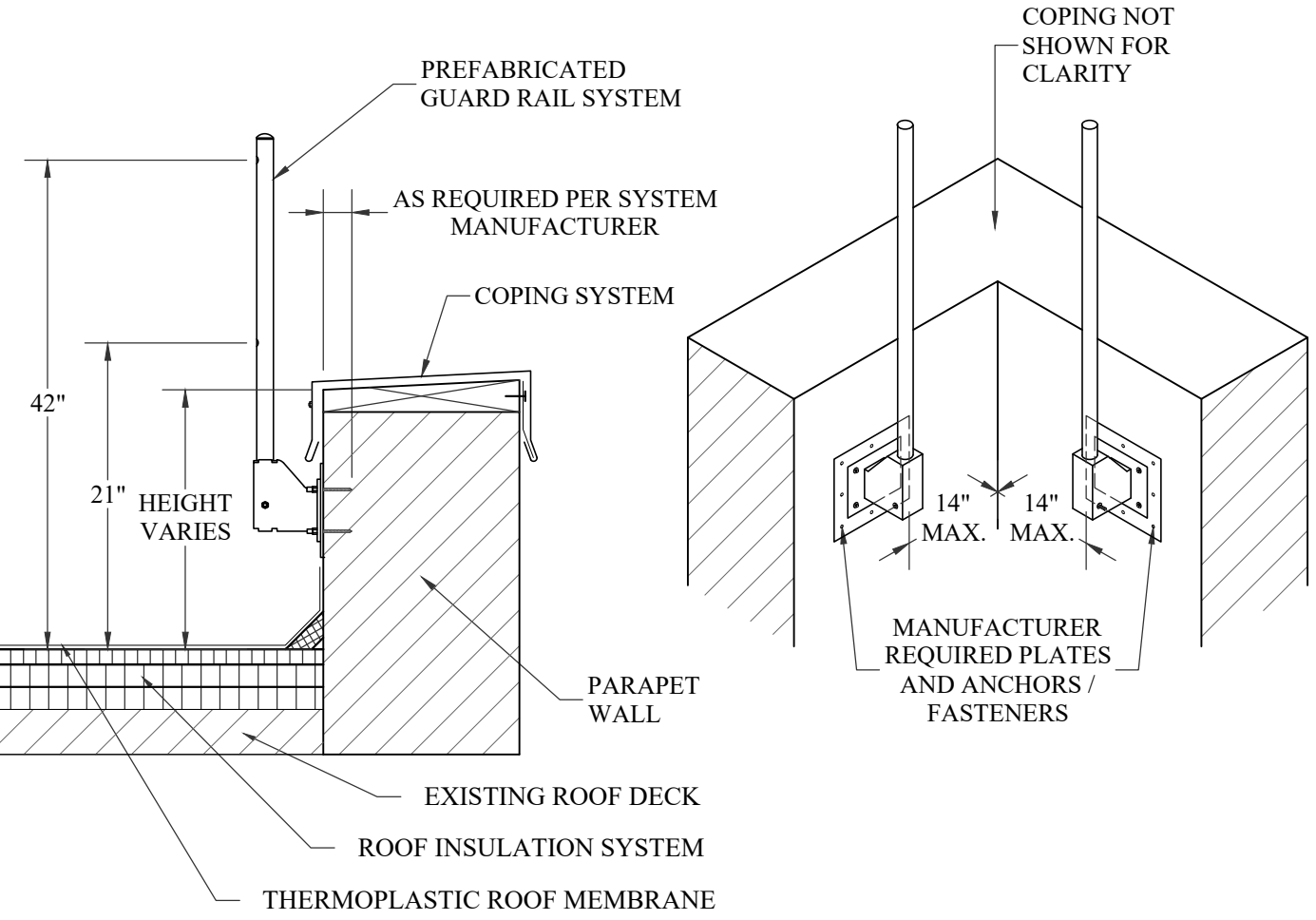
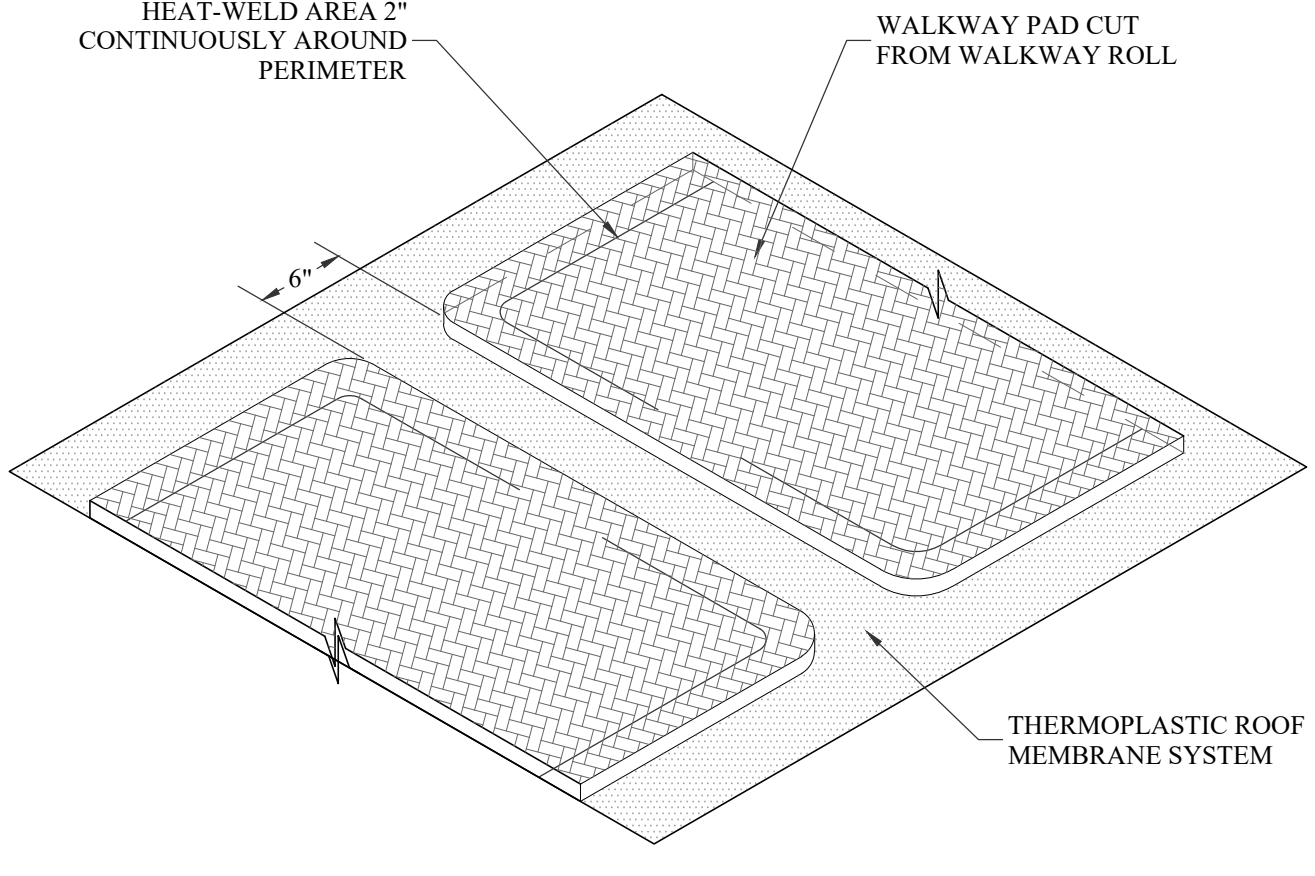
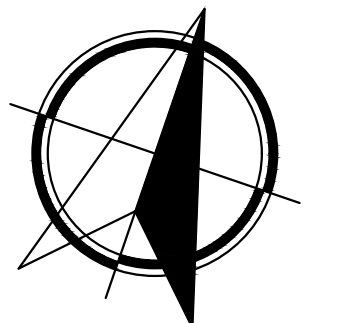
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DETAILS

D-1.1

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                            |                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>13 ROOF EDGE AT WINDOW<br/>D-1.2 N.T.S.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  <p>14 BASE FLASHING AT MASONRY<br/>D-1.2 N.T.S.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  <p>15 BASE FLASHING AT WINDOW<br/>D-1.2 N.T.S.</p>      |  <p>16 COPING TERMINATION TO BRICK<br/>D-1.2 N.T.S.</p> | <div><p>DESIGNED: DANIEL ATWELL</p></div> <div>SCC - HEALTH SCIENCES<br/>BUILDING REROOF PROJECT</div> <div>STATE PROJECT NUMBER: H59-6352-TM</div> <div>ADDRESS:<br/>850 BRISACK ROAD<br/>SPARTANBURG, SC 29303</div>                                                                                                                                                                                                                                                                                                                                                                                |
|  <p>17 ROOF EDGE TERMINATION<br/>D-1.2 N.T.S.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  <p>18 ROOF EDGE TERMINATION<br/>D-1.2 N.T.S.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  <p>19 COPING CORNER WITH END CAP<br/>D-1.2 N.T.S.</p> |  <p>20 COPING END CAP<br/>D-1.2 N.T.S.</p>            | <div><p><u>COLUMBIA AREA OFFICE</u></p><p>1611 CHAPIN ROAD<br/>CHAPIN, SOUTH CAROLINA<br/>EMAIL:CHRIS@WMBECONSULTANTS.COM<br/>EMAIL:DANIEL@WMBECONSULTANTS.COM</p><p><u>CHARLESTON AREA OFFICE</u></p><p>226 N. LIVE OAK DRIVE<br/>MONCK'S CORNER, SOUTH CAROLINA<br/>EMAIL:JOE@WMBECONSULTANTS.COM<br/>EMAIL:MAX@WMBECONSULTANTS.COM</p></div> <p>THESE DRAWINGS ARE THE PROPERTY OF:<br/>WM BUILDING ENVELOPE<br/>CONSULTANTS, LLC</p> <p>THE REPRODUCTION, COPYING OR OTHER<br/>USE OF THESE DRAWINGS WITHOUT THEIR<br/>WRITTEN CONSENT IS PROHIBITED AND<br/>MAY BE SUBJECT TO LEGAL ACTION.</p> |
| <p>NOTES:</p> <ol style="list-style-type: none"><li>1. SAFETY GUARD RAIL SYSTEM TO BE PREFABRICATED CUSTOM DESIGN TO OSHA STANDARDS.</li><li>2. HORIZONTAL RAILS NOT SHOWN FOR CLARITY. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.</li><li>3. SAFETY GUARD RAIL SYSTEM TO MEET AND EXCEED OSHA STANDARDS; CFR 29 1910.501, 29 1910.502, 20 1910.23, CAL-OSHA 91620., CAL-OSHA 91621, CAL-OSHA 93209, CAL-OSHA 93210, ANSI/ASSE A1264.1-2007, USACE EM 385-1-1 (21.E.01 a-c)</li></ol>  <p>21 HANDRAIL<br/>D-1.2 N.T.S.</p> | <p>NOTES:</p> <ol style="list-style-type: none"><li>1. SAFETY GUARD RAIL SYSTEM TO BE PREFABRICATED CUSTOM DESIGN TO OSHA STANDARDS.</li><li>2. HORIZONTAL RAILS NOT SHOWN FOR CLARITY. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.</li><li>3. SAFETY GUARD RAIL SYSTEM TO MEET AND EXCEED OSHA STANDARDS; CFR 29 1910.501, 29 1910.502, 20 1910.23, CAL-OSHA 91620., CAL-OSHA 91621, CAL-OSHA 93209, CAL-OSHA 93210, ANSI/ASSE A1264.1-2007, USACE EM 385-1-1 (21.E.01 a-c)</li></ol>  <p>22 WALL MOUNTED SAFETY GUARD RAIL SYSTEM<br/>D-1.2 N.T.S.</p> |  <p>23 WALKPAD<br/>D-1.2 N.T.S.</p>                   | <p>24 DETAIL NOT USED<br/>D-1.2 N.T.S.</p>                                                                                                | <p>NORTH</p>  <p>PROJECT NUMBER: 2025-08</p> <p>CONSTRUCTION DOCUMENTS</p> <p>DATE: 12-04-2025</p> <p>DETAILS</p> <p>D-1.2</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |