

ADDENDUM TO
SPECIFICATIONS ENTITLED
'SPECIFICATIONS FOR RE-BID
JONES PSC ROOF REPLACEMENT
UNIVERSITY OF SOUTH CAROLINA
COLUMBIA, SOUTH CAROLINA
PROJECT NO. H27-6094-Z"

ADDENDUM NO. 1

September 17, 2015

The Specifications and Drawings contained in the project manual entitled "Specifications for Re-Bid Jones PSC Roof Replacement, University of South Carolina, Project No. H27-6094-Z" are amended as follows:

GENERAL

1. The sign in sheet to the Pre-bid Meeting held September 10, 2015 is attached.

SPECIFICATIONS

1. In Section 06100 ROUGH CARPENTRY, delete paragraphs 3.6 and 3.7 in their entirety.
2. In Section 07000 ROOFING PREPARATION, add the following to paragraph 3.8:
 - E. Fasten stair treads to curb using Simpson H2.5A hurricane clips or approved equal.
 - F. Secure hurricane clips using #8 stainless steel screws 1¼" or longer.
3. In Section 07552 SBS-MODIFIED BITUMINOUS MEMBRANE ROOFING, delete paragraph 2.3.A in its entirety and replace with the following:
 - A. Base Ply: ASTM D 5147 and D 6163, Type II, Grade S, SBS-modified asphalt sheet (or ASTM D6164, Type I, Grade S, Polyester) with glass fiber mat reinforcing, suitable for application method specified.
4. In Section 07552 SBS-MODIFIED BITUMINOUS MEMBRANE ROOFING, delete paragraph 2.3.B and sub-paragraph 1 in its entirety and replace with the following:
 - A. Cap Sheet: ASTM D 5147 and D 6163, Type II, Grade G, SBS-modified asphalt sheet ASTM D6164, Type I, Grade S, Polyester, with glass fiber mat reinforcing, granular surfaced, suitable for application method specified and as follows:
 1. Granule Color: White.
5. In section 07552 SBS-MODIFIED BITUMINOUS MEMBRANE ROOFING, delete paragraph 2.4.A in its entirety and replace with the following:
 - A. Backer Sheet: ASTM D 6163 (or ASTM D 6164, Grade S, Polyester), Grade S, Type I, glass-fiber-reinforced, SBS-modified asphalt sheet; smooth surfaced; suitable for application method specified.
6. In section 07552 SBS-MODIFIED BITUMINOUS MEMBRANE ROOFING, delete paragraph 2.4.B and sub-paragraph 1 in its entirety and replace with the following:

A. Flashing Sheet: ASTM D 6163 or ASTM D 6164, Grade G, Type I, polyester-reinforced, SBS-modified asphalt sheet; granular surfaced; suitable for torch application method, and as follows:

1. Granular surfaced.

DRAWINGS

1. Delete Drawings T 100, R-100, R-101, R-200, R-201, R-202, R-203, R-204, R-205 and R-206 in their entirety and replace with attached drawings T-100 (Addendum No. 1), R-100 (Addendum No. 1), R-101 (Addendum No. 1), R-200 (Addendum No. 1), R-201 (Addendum No. 1), R-202 (Addendum No. 1), R-203 (Addendum No. 1). R-204 (Addendum No. 1), R-205 (Addendum No. 1) and R-206 (Addendum No. 1).

END OF ADDENDUM

Enclosures: T-100 (Addendum No. 1)
R-100 (Addendum No. 1)
R-101 (Addendum No. 1)
R-200 (Addendum No. 1),
R-201 (Addendum No. 1)
R-202 (Addendum No. 1)
R-203 (Addendum No. 1)
R-204 (Addendum No. 1)
R-205 (Addendum No. 1)
R-206 (Addendum No. 1)
Pre-bid Sign in sheet

**University of South Carolina
Non Mandatory Pre Bid Sign In Sheet
Columbia, South Carolina**

Project Name: RE BID PSC Roof Replacement
 Project Number: H27-6094-Z
 Pre Bid Date & Time: September 10, 2015 @ 10:00 AM

SWMBE Contractor Indicate Below	Name	Company Name	Address	Phone #	Email
S W M B E	Justin White	RSC/Sopran	9317 - E. 50th Dr. D. Charlotte, NC	(703) 458-6934	justin@roofersupplyinc.com
S W M B E	Ed Banks	CCR		843 369-4101	ebanks@ceestelcommercialroofing.com
S W M B E	John A. Gann	CCR		843-368-4101	jgann@seacoast.net
S W M B E	Tripp Kimberly	Southern Roofing	785 North W. 15th Dr. Sumter, SC 29160	(803) 773-8221	tripp@southernroofing.com
S W M B E	David Swiced	Tetra American	13615 Independence Ln. Columbia, SC	707-882-1200	dswiced@tetraamerican.com
S W M B E	Steve Martin Jr	Watts Roofing	7410 Fairfield Rd. Columbia, SC	803-780-4400	stevejr@wattsroofing.com
S W M B E	Mrs. Sain Miles	Rofo	1345 N. Park East Sumter, SC 29150	803-775-8560	rofo@sc.wr.com
S W M B E	DANA NEVILLE	Howe Seal Mfg Roofing	PO Box 2238 West Columbia, SC 29211	803-936-0920	dana@howsseal.com
S W M B E	CARTER WALLACE	Southwan Crane	1784 Two Notch Rd Lexington, SC	803 309-8219	carter@southwan-crane.com

***By signing this sheet you agree to receive information electronically.

**University of South Carolina
Non Mandatory Pre Bid Sign In Sheet
Columbia, South Carolina**

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Project Number: H27-6094-Z
Pre Bid Date & Time: September 10, 2015 @ 10:00 AM

SWMBE Contractor Indicate Below	Name	Company Name	Address	Phone #	Email
S W M B E	Francisco G sovia	Nations Roof	Charlotte NC	(704)-919-7288	Fsovia@nationsroof.com
S W M B E	Kath Appell	Tesecon/stopford	2010 Stone Rd 1436 Greenc st Colum SC	707-713-6855	KAppell@Tesecon.com
S W M B E	Ungwana Brothers	USC	" "	111.3596	jbrookin@fmc.sc.edu
S W M B E	Dele Braucham	USC	" "	111.1288	braucham@fmc.sc.edu
S W M B E					
S W M B E					
S W M B E					

****By signing this sheet you agree to receive information electronically.

UNIVERSITY of SOUTH CAROLINA



UNIVERSITY OF
SOUTH CAROLINA

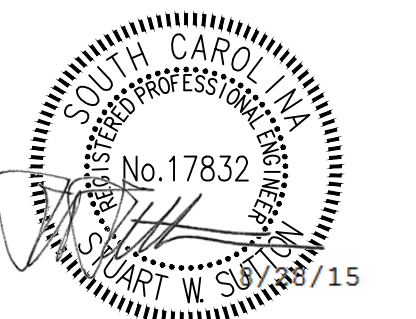
RE-BID USC JONES PSC ROOF REPLACEMENT PROJECT

PROJECT No.: H27-6094-Z

ADDENDUM No. 1: REVISED BID DOCUMENT SET

701 MAIN STREET
COLUMBIA, SOUTH CAROLINA, 29208

VICINITY MAP	INDEX OF DRAWINGS	LOCATION MAP
	SHEET NO:	SHEET NAME:
	T-100	COVER SHEET
	R-100	ROOF PLAN
	R-101	ROOF PLAN: FIELD, CORNER AND PERIMETER
	R-200	ROOF DETAILS
	R-201	ROOF DETAILS
	R-202	ROOF DETAILS
	R-203	ROOF DETAILS
R-204	ROOF DETAILS	
R-205	ROOF DETAILS	
R-206	REMOVALS	



AUGUST 28, 2015

- DESIGN DEVELOPMENT SUBMITTAL: NOT FOR CONSTRUCTION
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- CONSTRUCTION DOCUMENT SUBMITTAL: NOT FOR CONSTRUCTION
- BID DOCUMENT SET
- CONSTRUCTION DOCUMENT SUBMITTAL
- ADDENDUM SUBMITTAL
- RECORD DRAWINGS

DESIGNED BY: KRC

DRAWN BY: EGM II

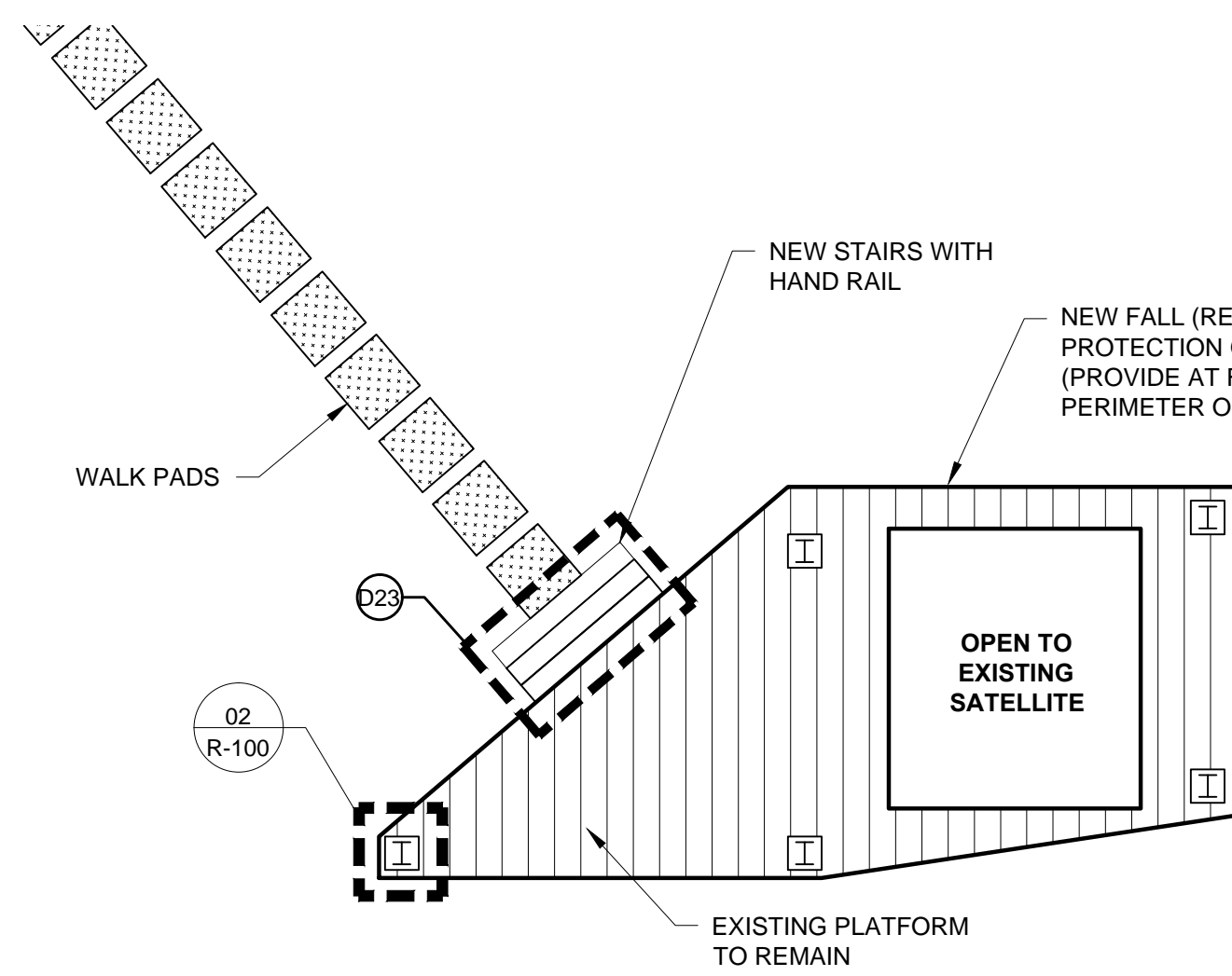
APPROVED BY: VTN

FH146903

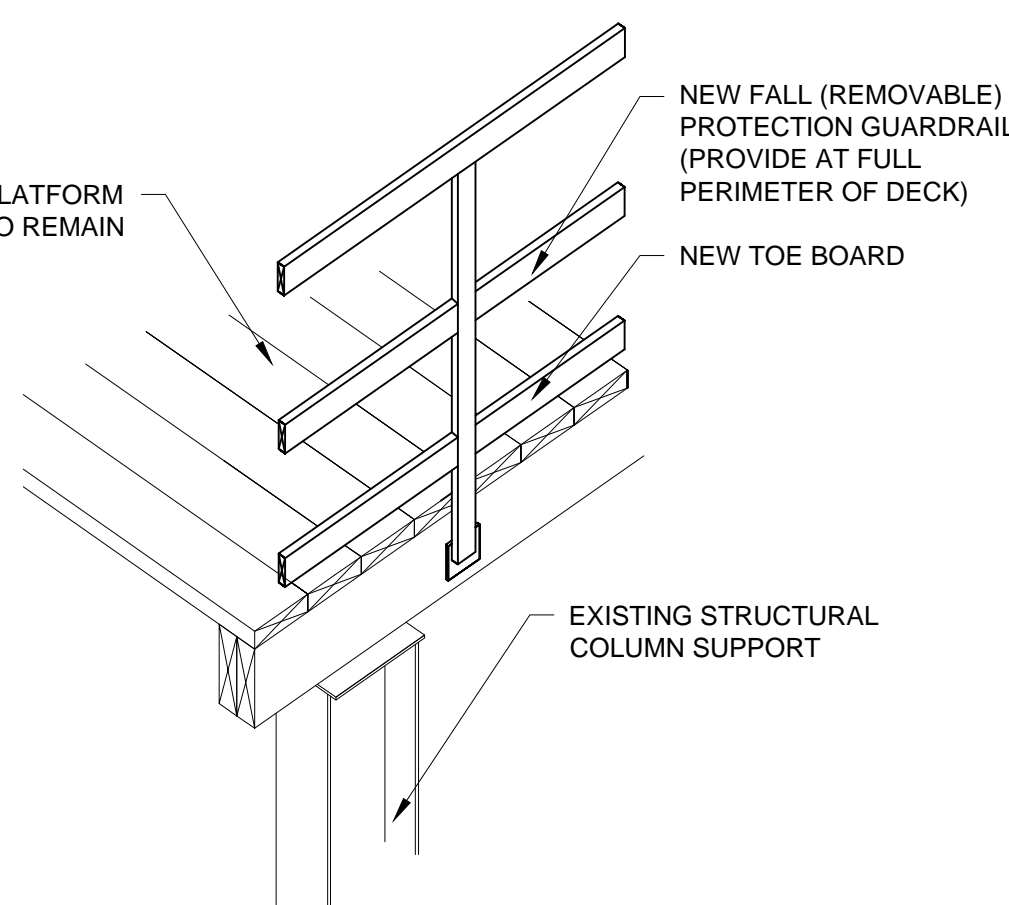
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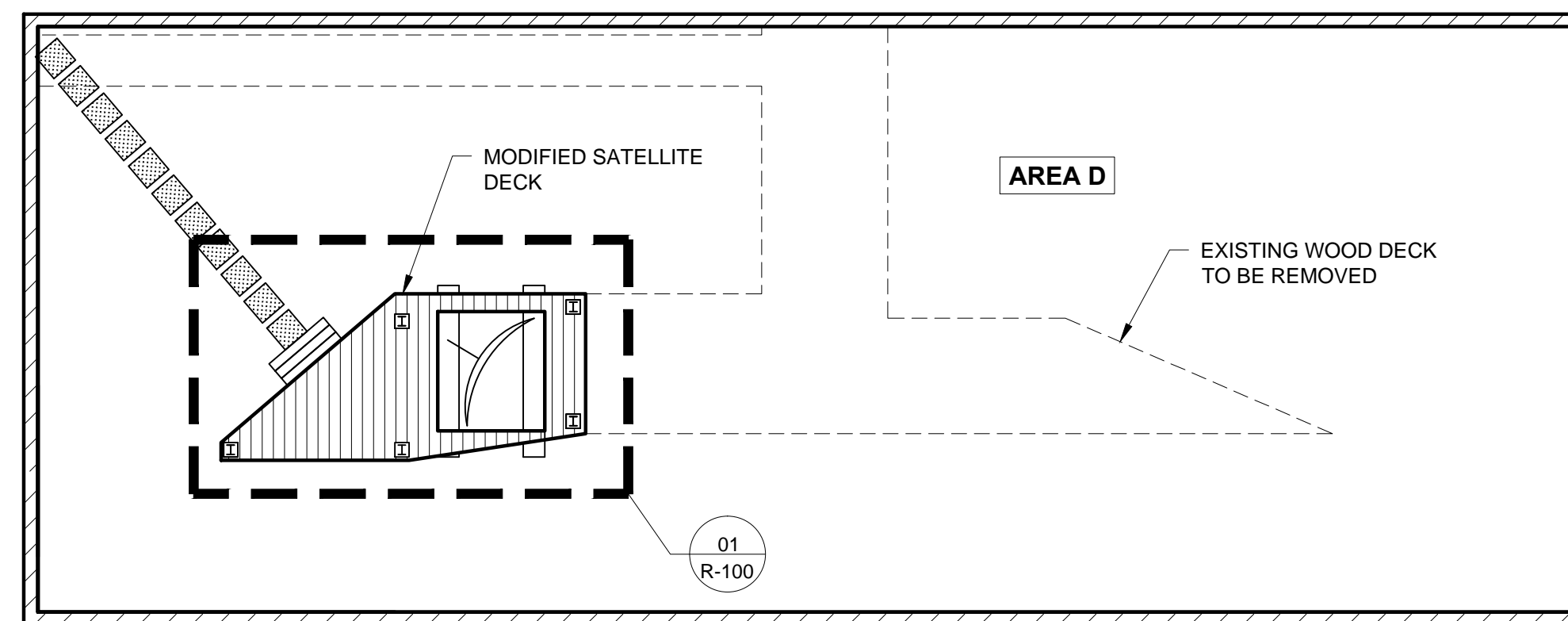
T-100



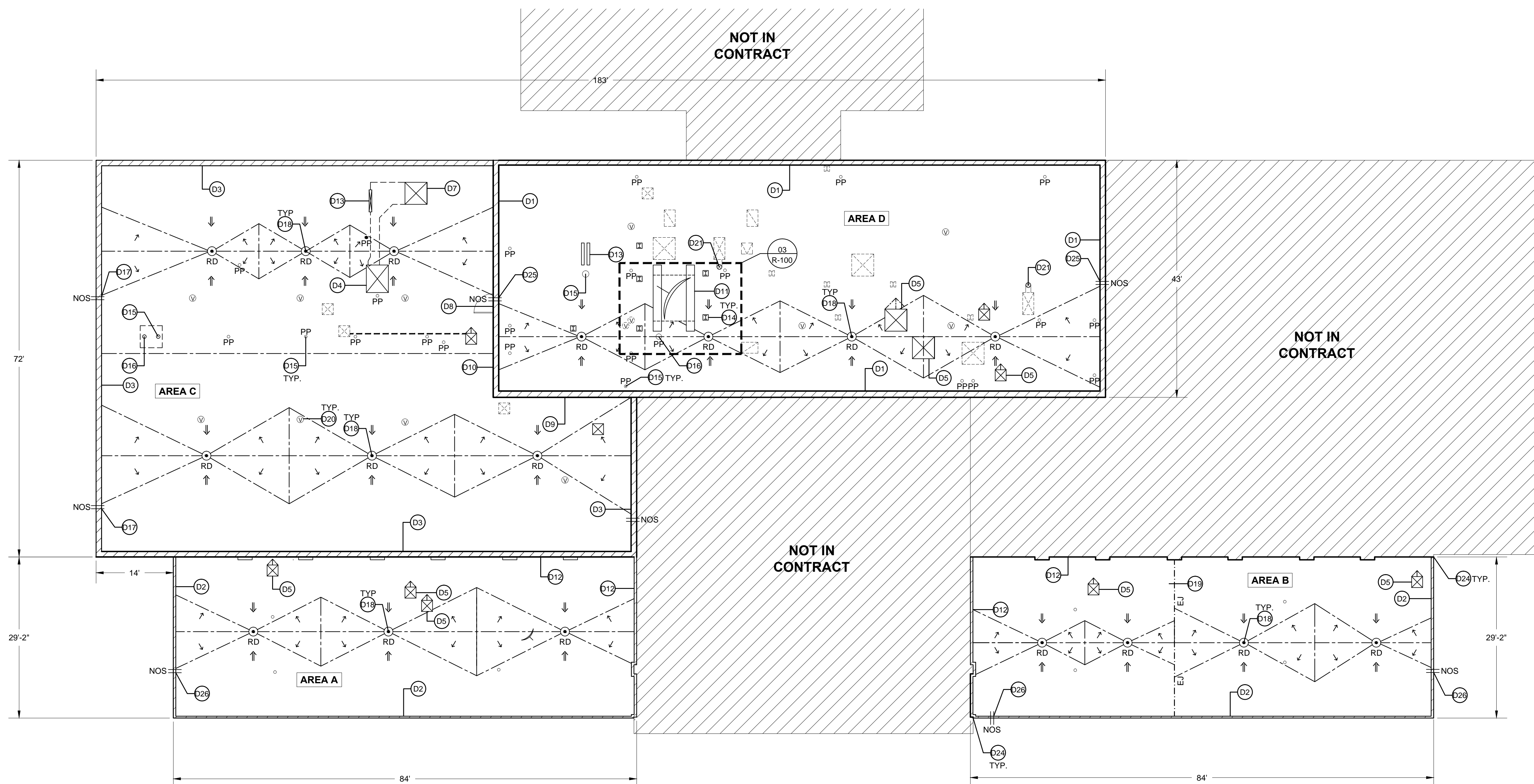
01 ENLARGED PLAN OF SATELLITE DECK
SCALE: 3/16"=1'-0"
0 1' 2' 3' 4' 6' 8'



02 GUARDRAIL DETAIL
SCALE: NTS



03 ENLARGED ROOF PLAN OF AREA D
SCALE: 3/32"=1'-0"
0 2' 4' 6' 10' 14'



04 ROOF PLAN
SCALE: 3/32"=1'-0"
0 2' 4' 6' 10' 14'

LEGEND

- ⊙ EXISTING VENTILATION DUCT
- RD ⊙ NEW ROOF DRAIN
- OS = OVERFLOW SCUPPER
- ▬ PARAPET
- ▬ SLEEPER
- ⊠ MECHANICAL UNIT
- TAPERED INSULATION
- CRICKET INSULATION SLOPE
- ↗ TAPERED INSULATION SLOPE
- ⊠ SATELLITE
- PP ⊙ PIPE PENETRATION
- ⊠ ROOF DETAIL FLAGS
- EXPANSION JOINT
- ⊠ VENTILATION UNIT
- ⊠ SKYLIGHT
- ⊠ ROOF HATCH
- ⊠ EXISTING STRUCTURAL BEAM TO REMAIN
- ⊠ TO BE REMOVED
- ▨ NOT IN CONTRACT

CODE SUMMARY

SOUTH CAROLINA BUILDING CODE (2012 EDITION) AND ASCE 7-05

BASIC WIND SPEED = 120 MPH
 CATEGORY = III
 EXPOSURE CATEGORY = B
 INTERNAL PRESSURE COEF. = +/- .18

THE NEW ROOF SYSTEM SHALL BE DESIGNED AND CONSTRUCTED TO MEET THE FOLLOWING WIND UPLIFT PRESSURES:

1. INTERIOR ZONE	= -60.41 PSF
2. EDGE ZONE	= -98.65 PSF
3. CORNER ZONE	= -129.25 PSF

STAFFORD CONSULTING ENGINEERS
 A Terracon COMPANY
 Building Enclosure Systems Specialists

2020 STARITA ROAD SUITE-E
 CHARLOTTE, NORTH CAROLINA
 P: 704.594.8940 F: 704.509.1888

RALEIGH, CHARLOTTE, JACKSONVILLE

PROJECT NAME AND ADDRESS:

UNIVERSITY OF SOUTH CAROLINA
USC JONES PSC ROOF REPLACEMENT PROJECT
 701 MAIN ST.
 COLUMBIA, SC 29208

UNIVERSITY OF SOUTH CAROLINA

ENGINEER STATE LICENSE SEAL

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PROJECT TEAM:

DESIGNED BY: **KRC**

DRAWN BY: **EGM II**

APPROVED BY: **VTN**

PROJECT NUMBER:
FH146903

REVISIONS:




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No.1	06.01.15	ADDENDUM No.1


TITLE SHEET:
ROOF PLAN

SHEET NUMBER:

R-100

LEGEND

-  CORNER AREA
-  FIELD AREA
-  PERIMETER AREA




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8/28/15

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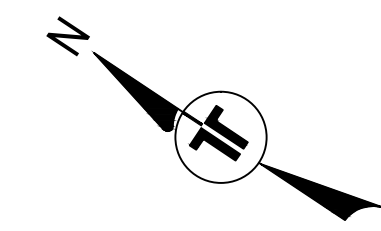
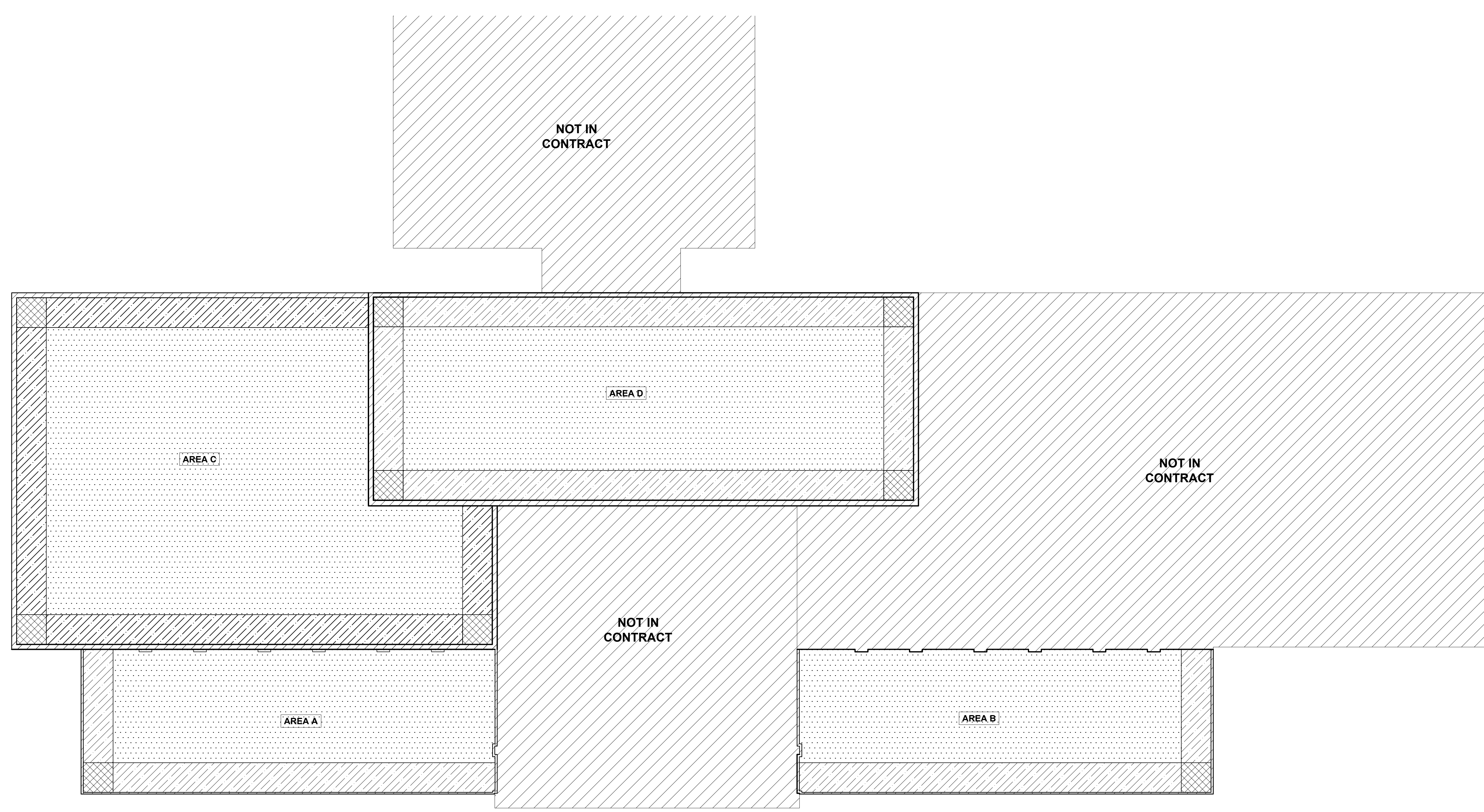
REVISIONS:

No.	DATE	DESCRIPTION
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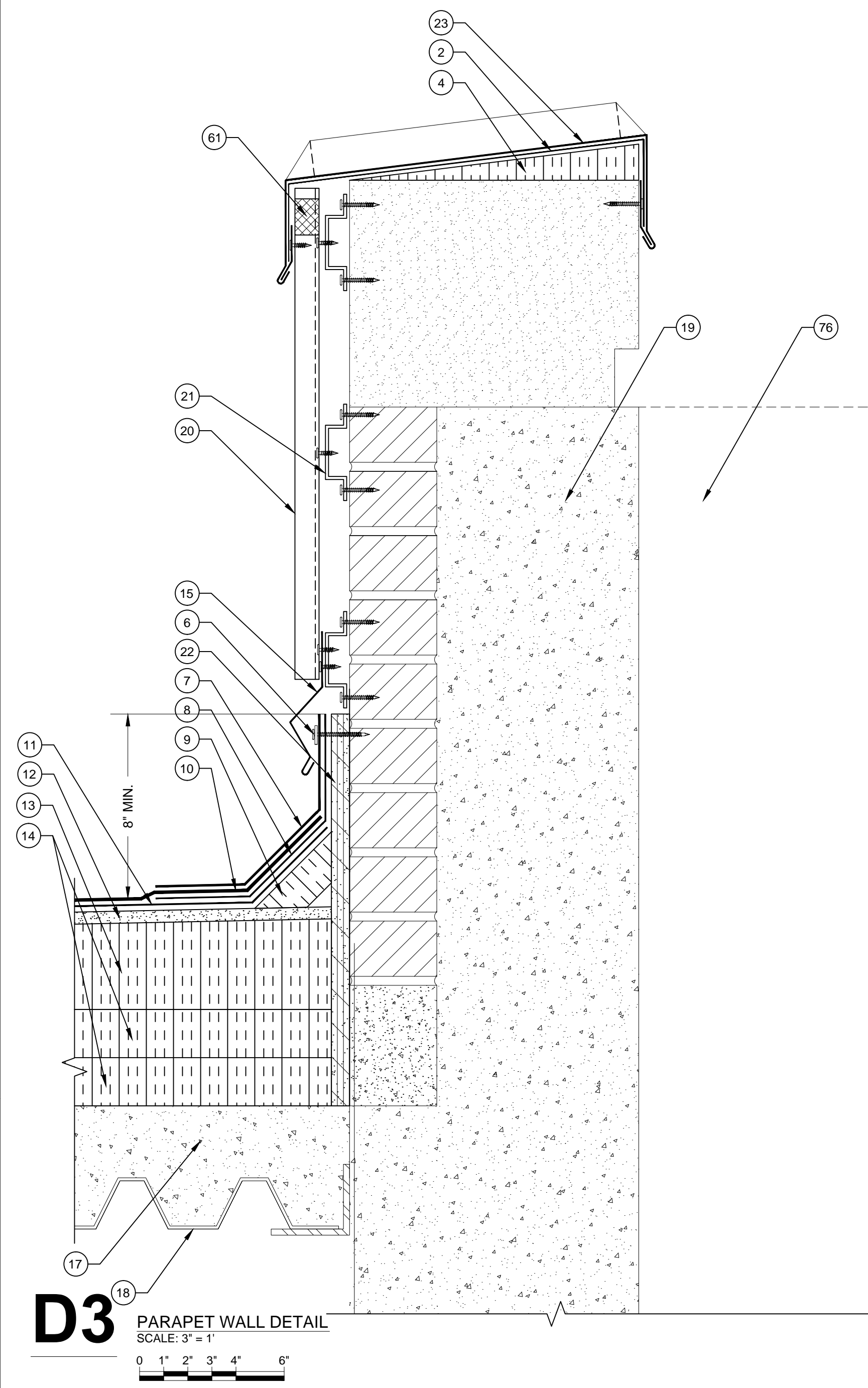
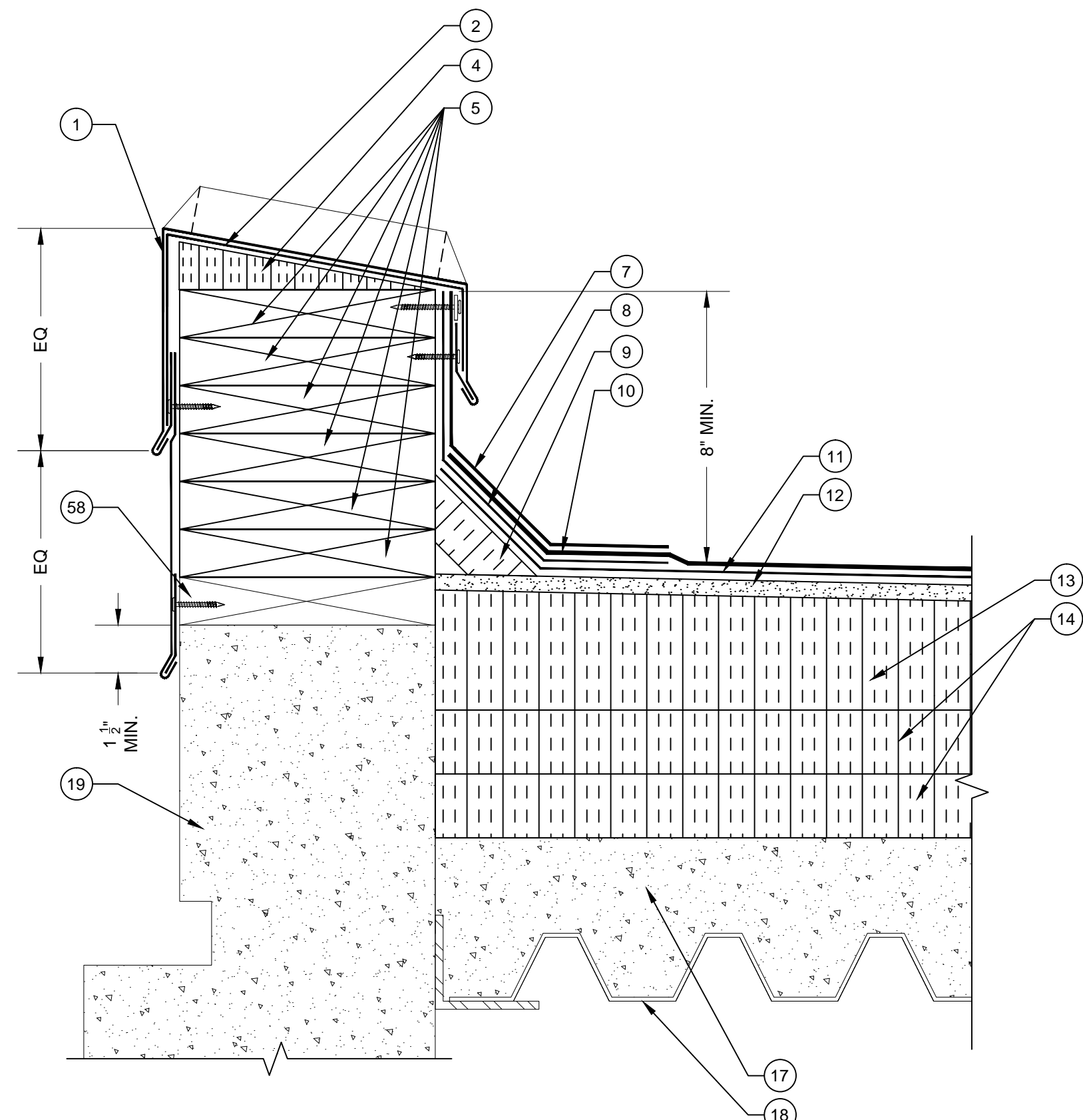
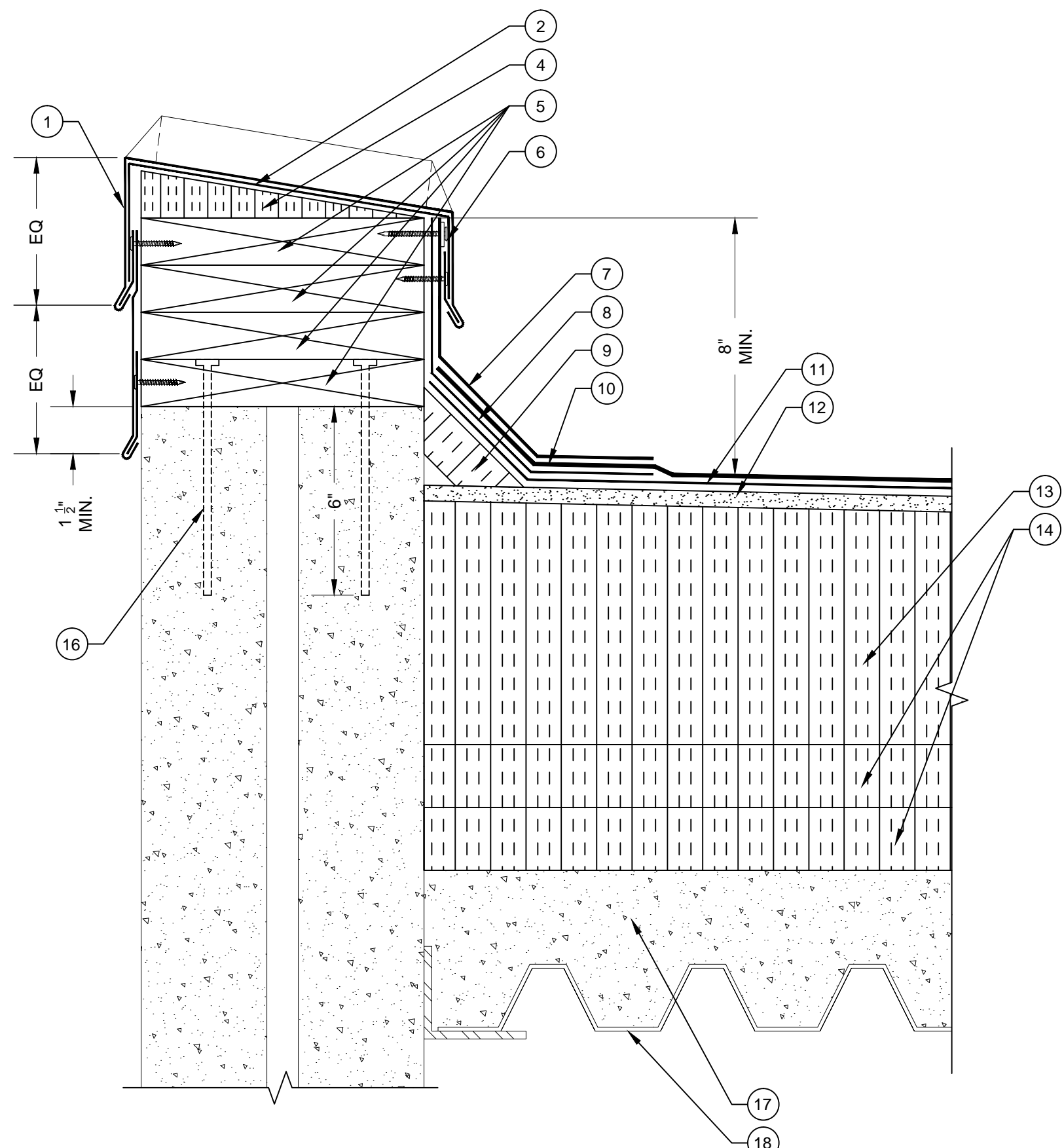
TITLE SHEET:
ROOF PLAN: FIELD, CORNER AND PERIMETER

SHEET NUMBER:

R-101



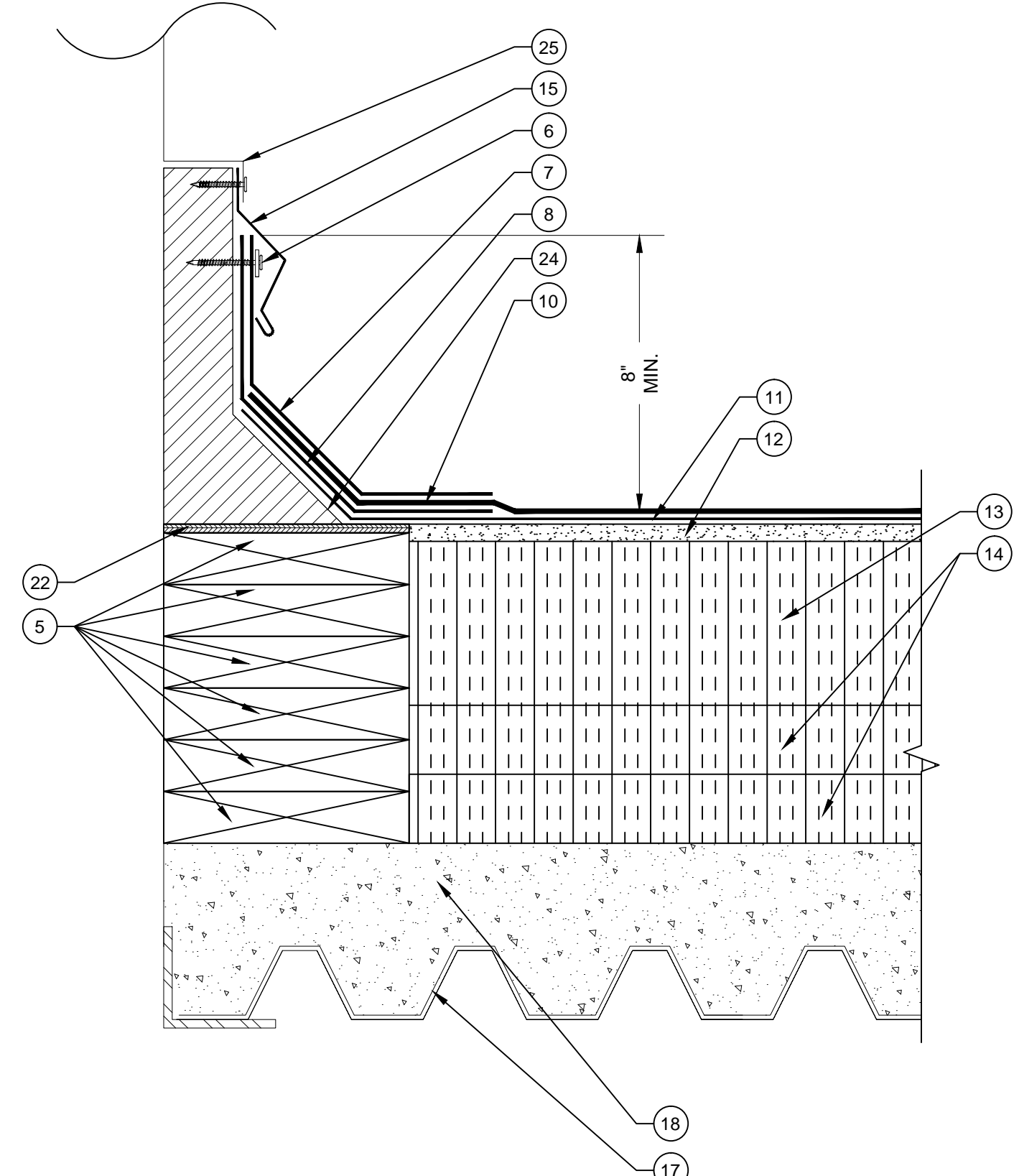
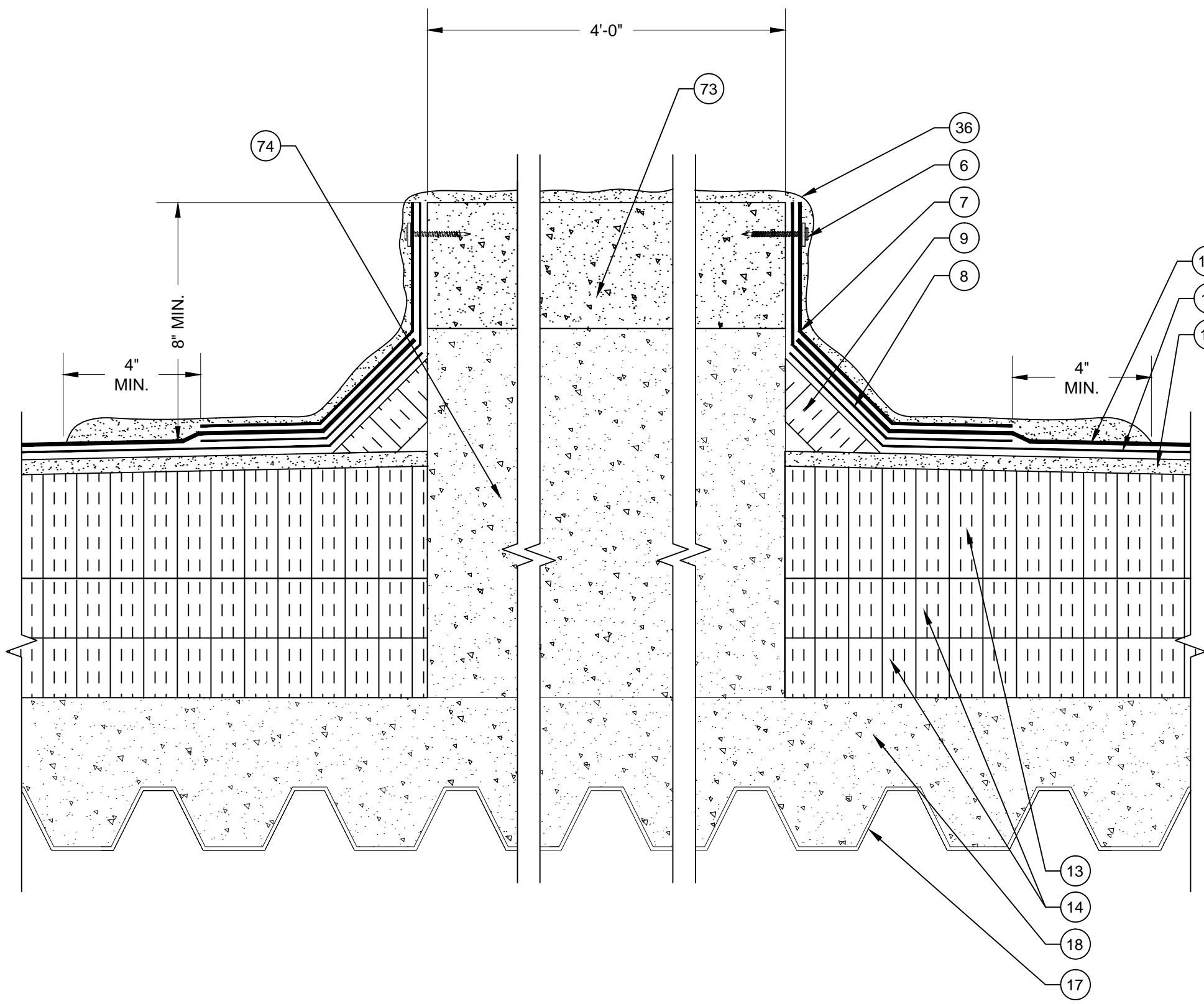
01 ROOF PLAN: FIELD, CORNER AND PERIMETER
SCALE: 3/32"=1'-0"
0 2 4 6 10 14'



D1 PARAPET WALL DETAIL
SCALE: 3" = 1"
0 1" 2" 3" 4" 6"

D2 PARAPET WALL DETAIL
SCALE: 3" = 1"
0 1" 2" 3" 4" 6"

D3 PARAPET WALL DETAIL
SCALE: 3" = 1"
0 1" 2" 3" 4" 6"



D4 EQUIPMENT CURB DETAIL
SCALE: 3" = 1"
0 1" 2" 3" 4" 6"

D5 ROOF CURB DETAIL
SCALE: 3" = 1"
0 1" 2" 3" 4" 6"

D6 NOT IN USE
SCALE: NTS

LEGEND

1. NEW TWO PIECE COPING CAP WITH CONTINUOUS CLEAT
2. NEW SELF-ADHERING MEMBRANE
3. NEW STRIPPING PLY
4. NEW TAPERED EDGE STRIP
5. NEW WOOD BLOCKING
6. NEW TERMINATION BAR AND SEALANT
7. NEW BASE FLASHING
8. NEW BACKER PLY
9. NEW CANT STRIP
10. NEW CAP SHEET
11. NEW BASE PLY
12. NEW COVER BOARD
13. NEW TAPERED INSULATION
14. NEW BASE INSULATION (2) 2" LAYERS
15. NEW METAL COUNTER FLASHING
16. THREADED ROD WITH EPOXY
17. EXISTING BUILDING STRUCTURE
18. EXISTING METAL DECK
19. EXISTING BUILDING STRUCTURE
20. NEW METAL WALL PANEL
21. NEW HAT CHANNEL
22. NEW PLYWOOD
23. NEW METAL COPING CAP WITH CONTINUOUS CLEAT
24. EXISTING CURB (WITH BUILT-IN CANT)
25. EXISTING CURB COVER
26. EXISTING ROOF HATCH
27. NEW STAINLESS STEEL COUNTER FLASHING WITH RECEIVER
28. NEW BRICK (TO MATCH EXISTING)
29. NEW WEEPS (OMIT MORTAR AT HEAD JOINTS)
30. NEW FLEXIBLE COPPER FLASHING
31. NEW SEALANT
32. NEW STAINLESS STEEL COUNTER FLASHING IN NEW REGLET, LEAD WEDGE AND SEALANT
33. EXISTING PRECAST PANEL
34. EXISTING STUCCO
35. EXISTING FLASHING
36. NEW LIQUID APPLIED FLASHING WITH REINFORCEMENT
37. EXISTING CONCRETE CAP
38. EXISTING CONCRETE CURB
39. EXISTING I-BEAM
40. EXISTING CONCRETE STRUCTURE
41. NEW SURFACE MOUNTED COUNTER FLASHING
42. NEW SLEEPER COVER
43. EXISTING METAL SLEEPER
44. NEW PIPE CAP
45. NEW ROOF DRAIN
46. NEW DRAIN EXTENSION
47. NEW DRAIN SUMP
48. EXISTING PIPE PENETRATION
49. NEW INSULATION INFILL
50. NEW STAIR STRINGER
51. NEW OVERFLOW SCUPPER LINER
52. NEW METAL FACE PLATE
53. NEW LEAD FLASHING
54. NEW WATER-TIGHT MASTIC
55. NEW EXPANSION JOINT COVER
56. NEW BATT INSULATION IN POLYETHYLENE ENVELOPE
57. NEW METAL CAP COVER
58. EXISTING WOOD BLOCKING FASTENERS WITH NEOPRENE WASHERS
59. NEW WALK PADS
60. NEW FORM CLOSURE
61. NEW DOOR SILL FLASHING
62. NEW WOOD FRAMING
63. EXISTING GOOSE NECK
64. NEW METAL DECK PAINTED ON INTERIOR TO MATCH EXISTING
65. NEW MIDSPAN SUPPORT
66. NEW 2" x 3" 20 ga. CLIPS (4)
67. NEW 3/4" CONCRETE LAG
68. EXISTING PLYWOOD
69. NEW BATT INSULATION
70. NEW 3/4" STEEL Z ANGLE
71. NEW METAL DECKING
72. NEW CONCRETE CURB
73. EXISTING CONCRETE CURB
74. PRE-MANUFACTURED SLEEPER
75. EXISTING PRE-CAST CONCRETE (BEYOND)
76. NEW BRACKET
77. NEW COPING CAP WITH CONTINUOUS CLEAT
78. EXISTING VENTILATION DUCT
79. EXISTING VENTILATION DUCT

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RALEIGH, CHARLOTTE, JACKSONVILLE

PROJECT NAME AND ADDRESS:

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SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 17832
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PROJECT TEAM:

DESIGNED BY: **KRC**

DRAWN BY: **EGM II**

APPROVED BY: **VTN**

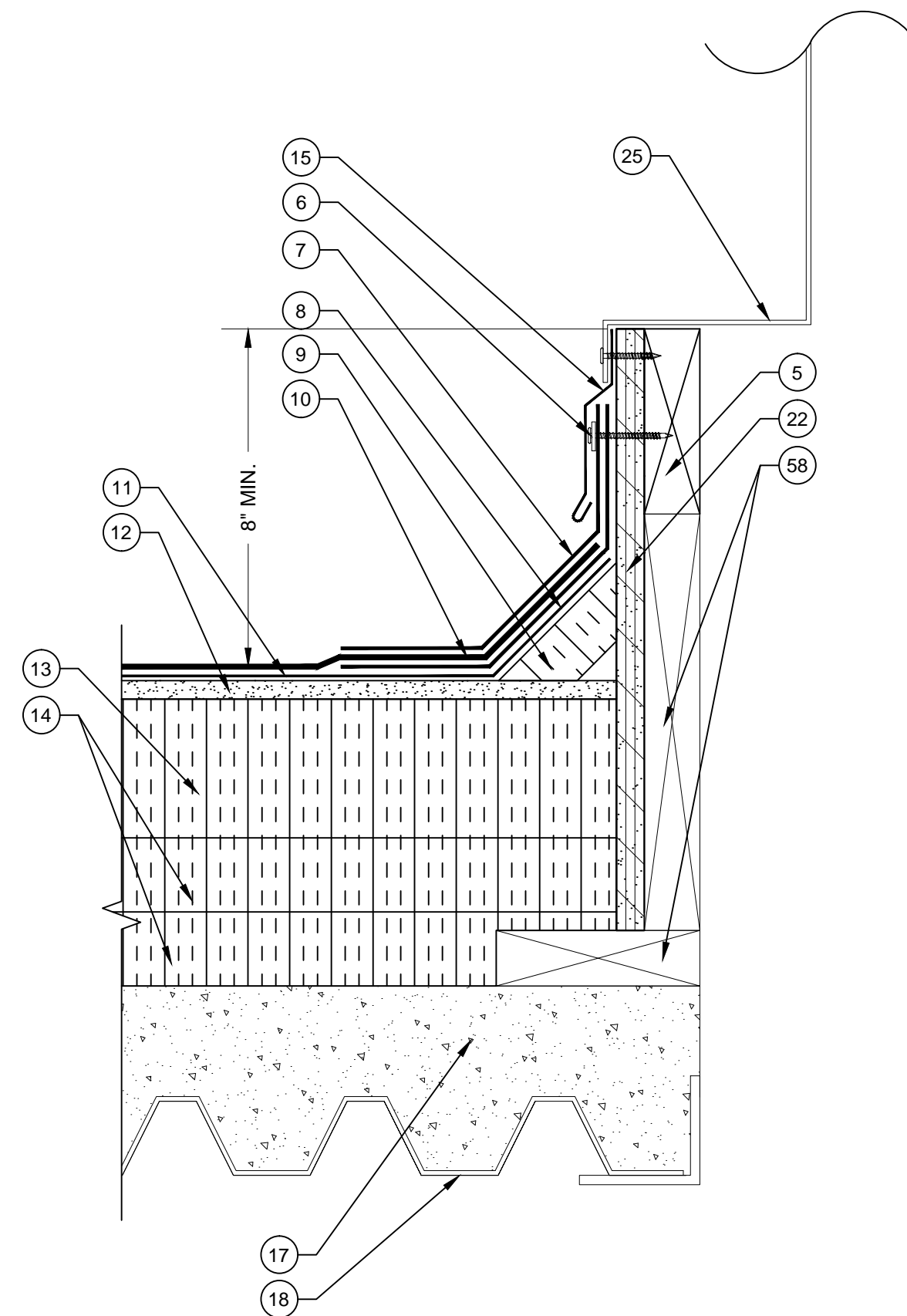
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REVISIONS:

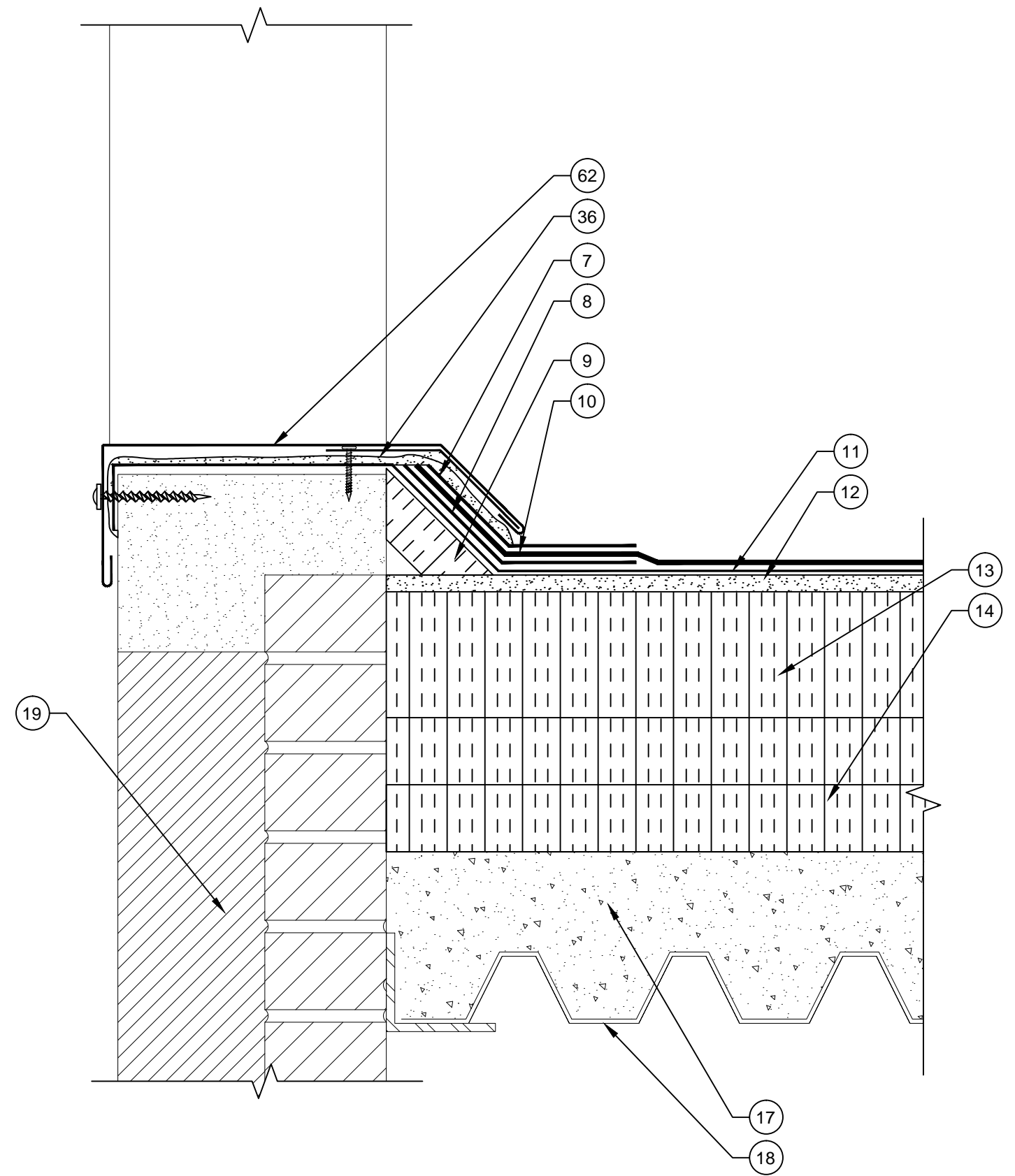
No.	DATE	DESCRIPTION
No.1	06.01.15	ADDENDUM No.1

TITLE SHEET:
ROOF DETAILS

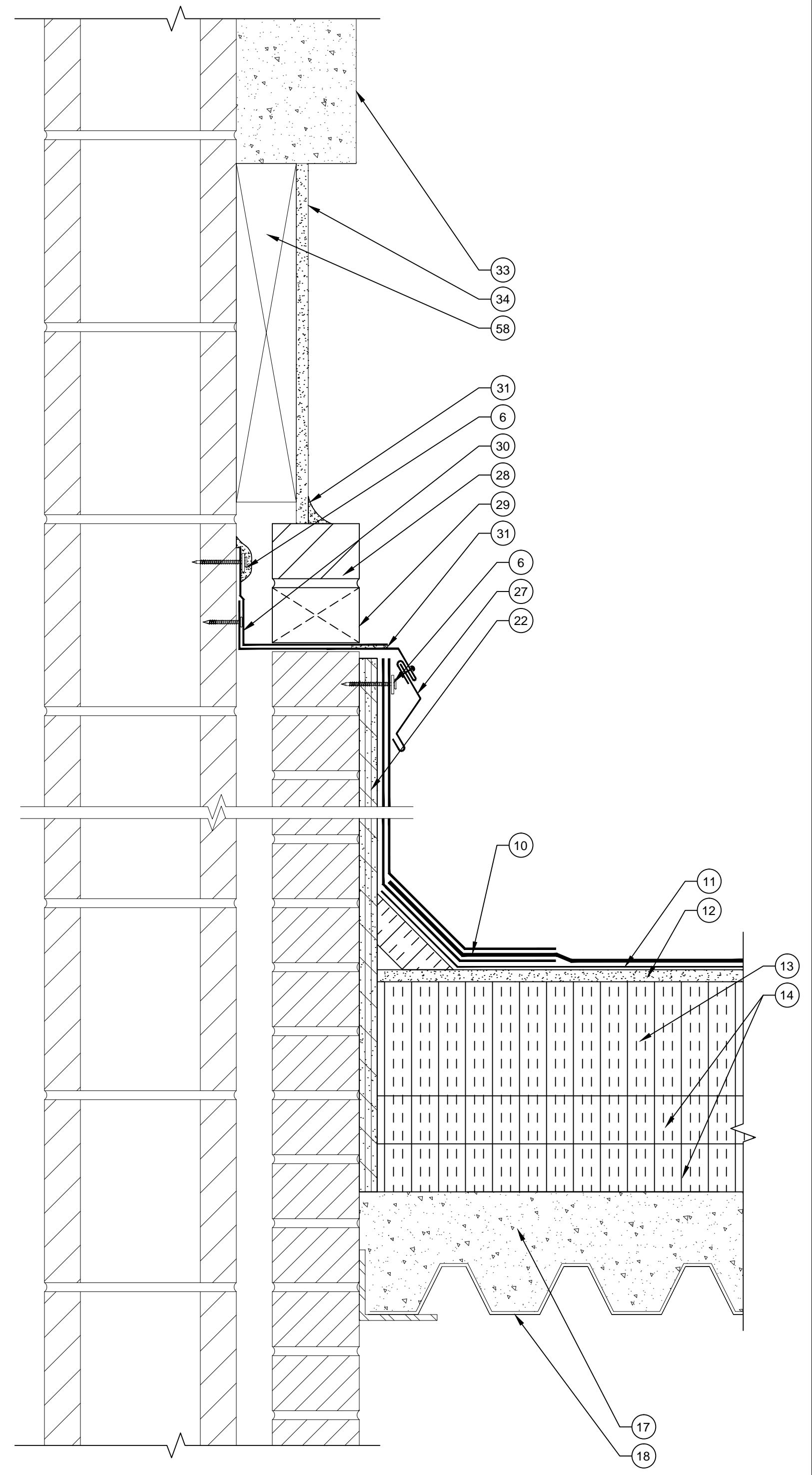
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R-200



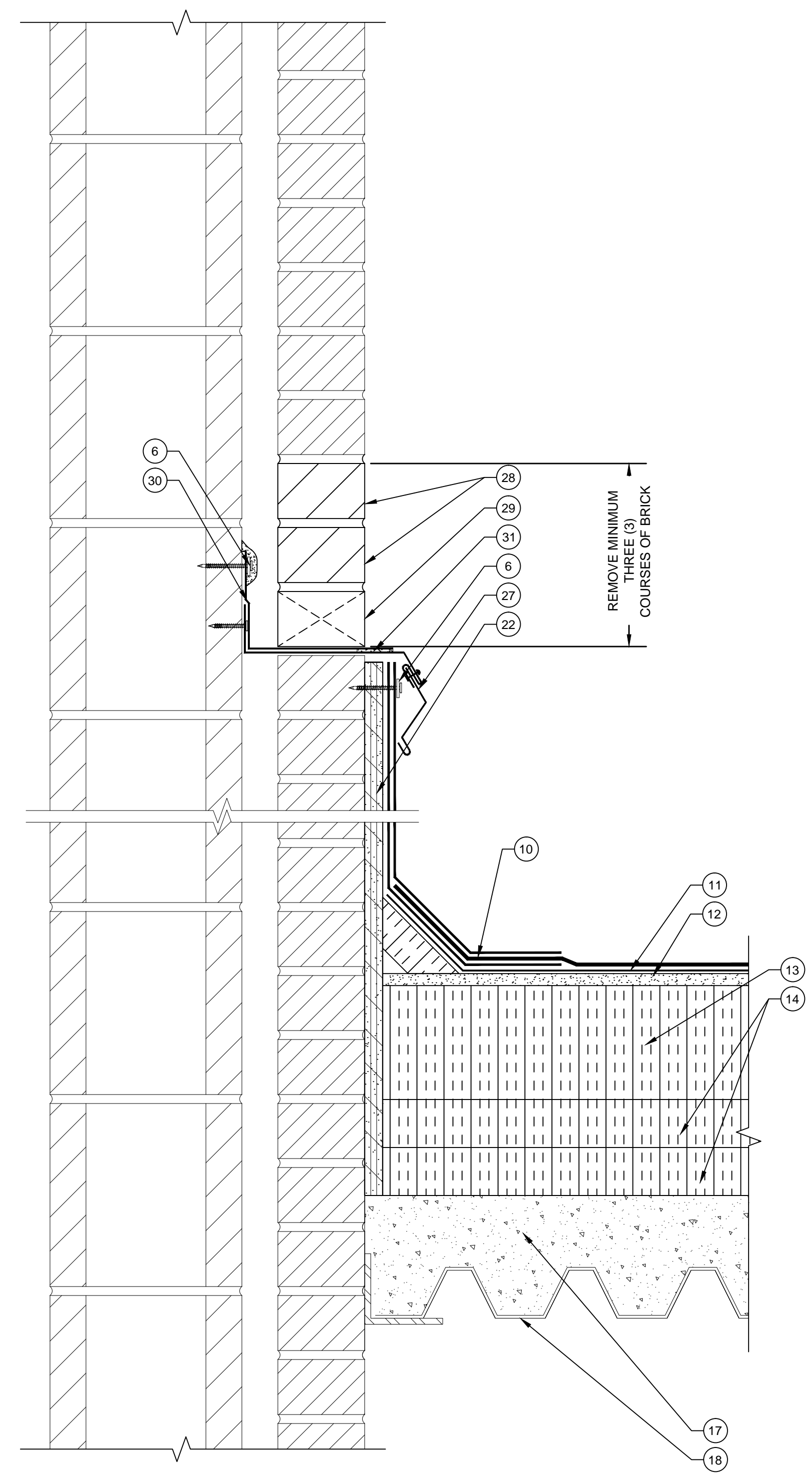
D7 ROOF CURB DETAIL
SCALE: 3" = 1"
0 1" 2" 3" 4" 6"



D8 DOOR THRESHOLD DETAIL
SCALE: 3" = 1"
0 1" 2" 3" 4" 6"




D9 WALL FLASHING DETAIL
SCALE: 3" = 1"
0 1" 2" 3" 4" 6"



D10 WALL FLASHING DETAIL
SCALE: 3" = 1"
0 1" 2" 3" 4" 6"

LEGEND

1. NEW TWO PIECE COPING CAP WITH CONTINUOUS CLEAT
2. NEW SELF-ADHERING MEMBRANE
3. NEW STRIPPING PLY
4. NEW TAPERED EDGE STRIP
5. NEW WOOD BLOCKING
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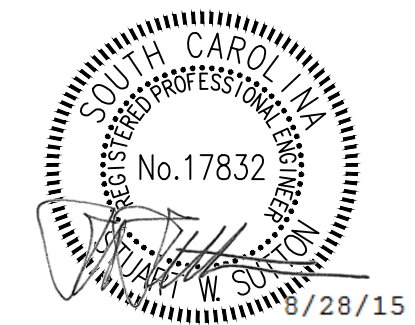


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CONSTRUCTION DOCUMENT SUBMITTAL

ADDENDUM SUBMITTAL

RECORD DRAWINGS

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DRAWN BY: **EGM II**

APPROVED BY: **VTN**

PROJECT NUMBER:

FH146903

REVISIONS:

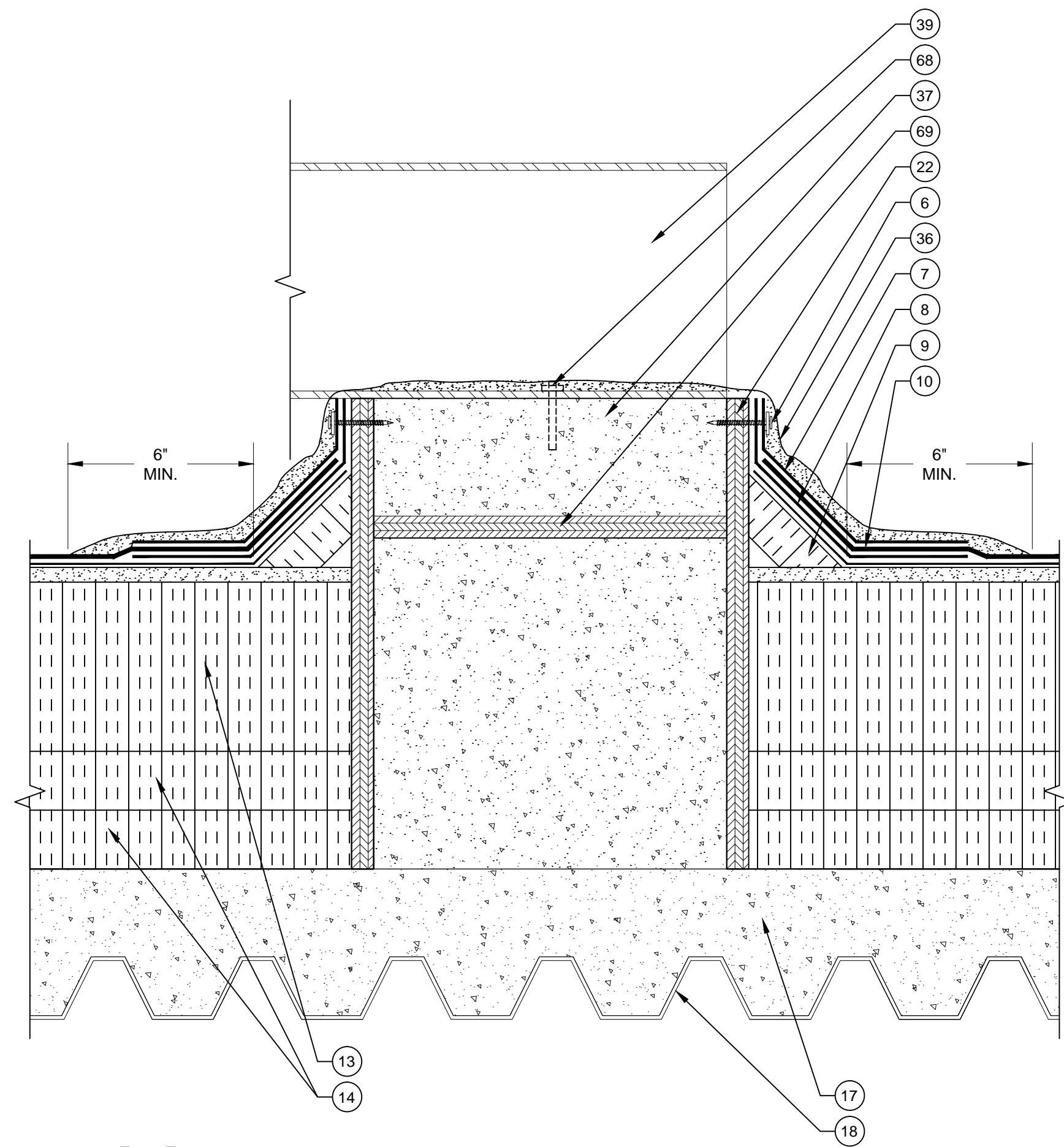
No.	DATE	DESCRIPTION
No.1	06.01.15	ADDENDUM No.1

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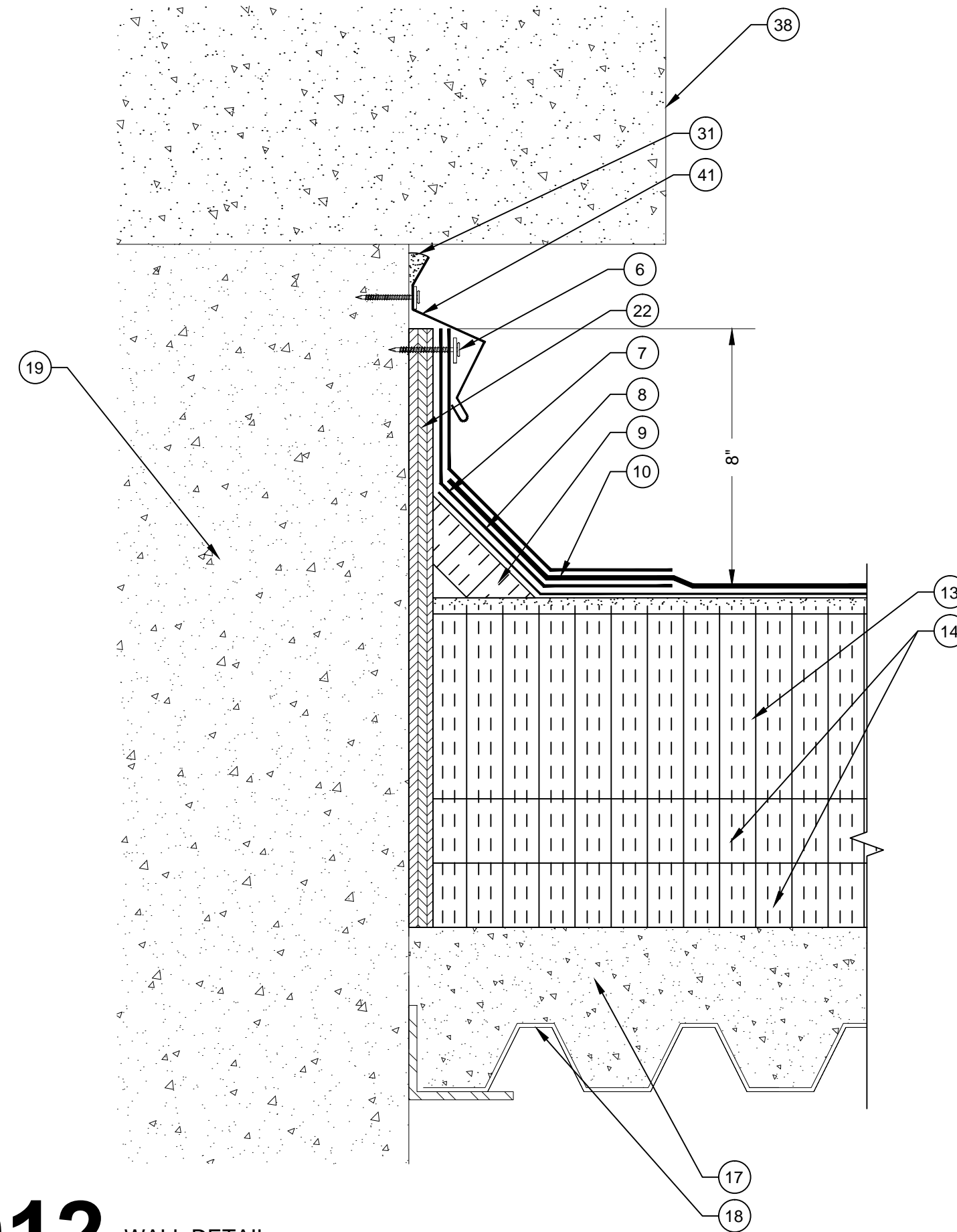
ROOF DETAILS

SHEET NUMBER:

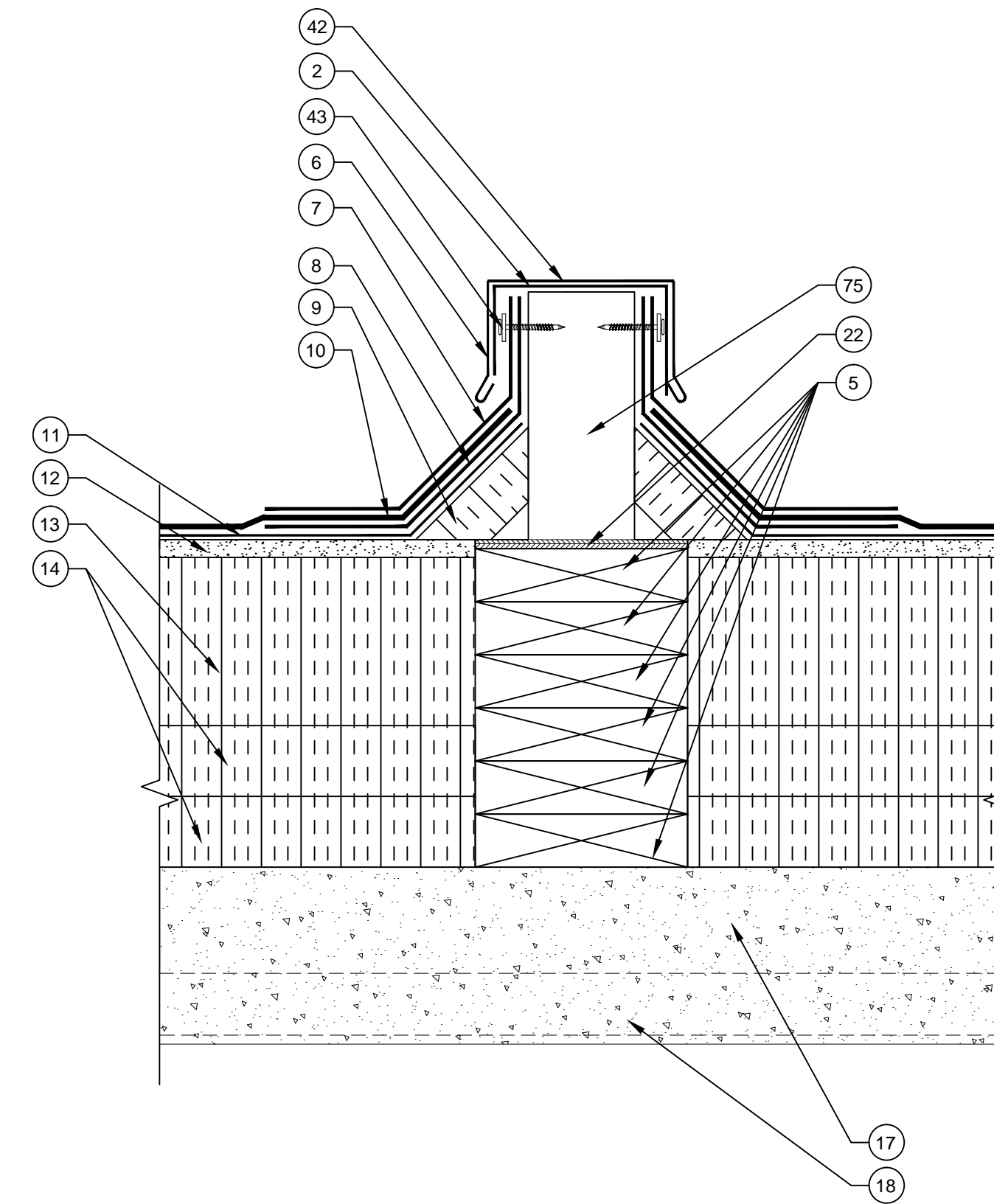
R-201



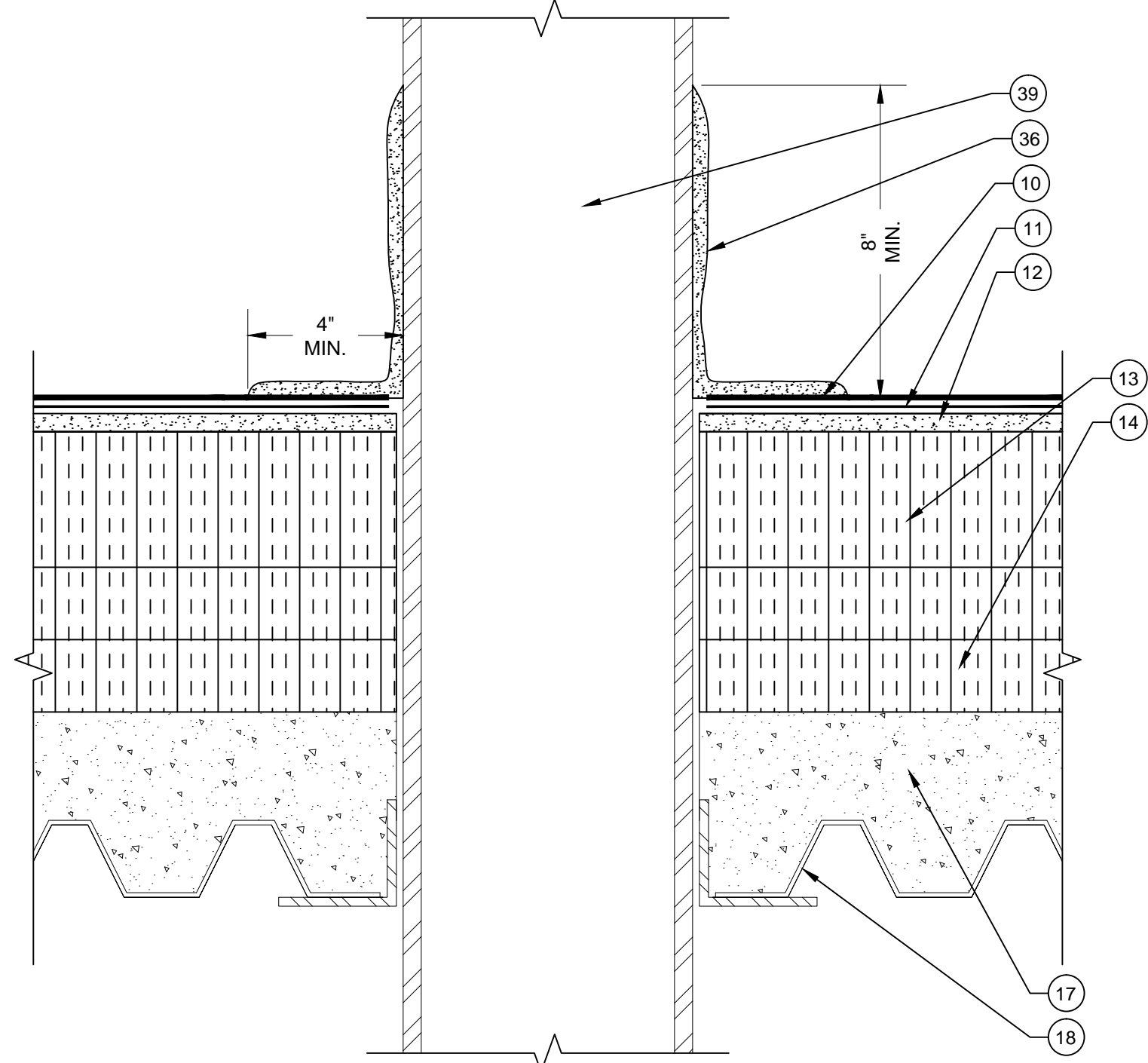
D11 SATELLITE CURB DETAIL
SCALE: 3" = 1"
0 1" 2" 3" 4" 6"



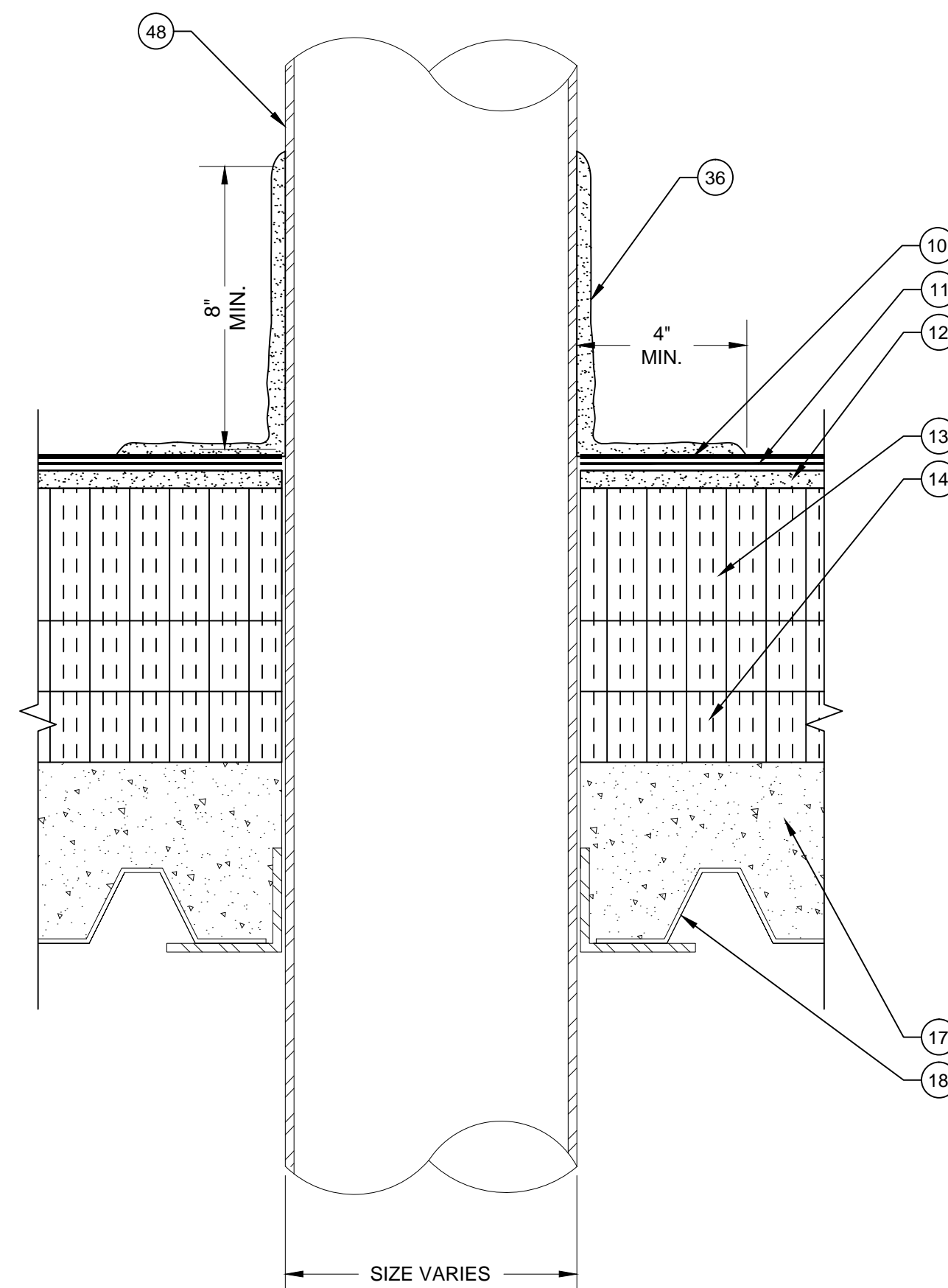
D12 WALL DETAIL
SCALE: 3" = 1"
0 1" 2" 3" 4" 6"



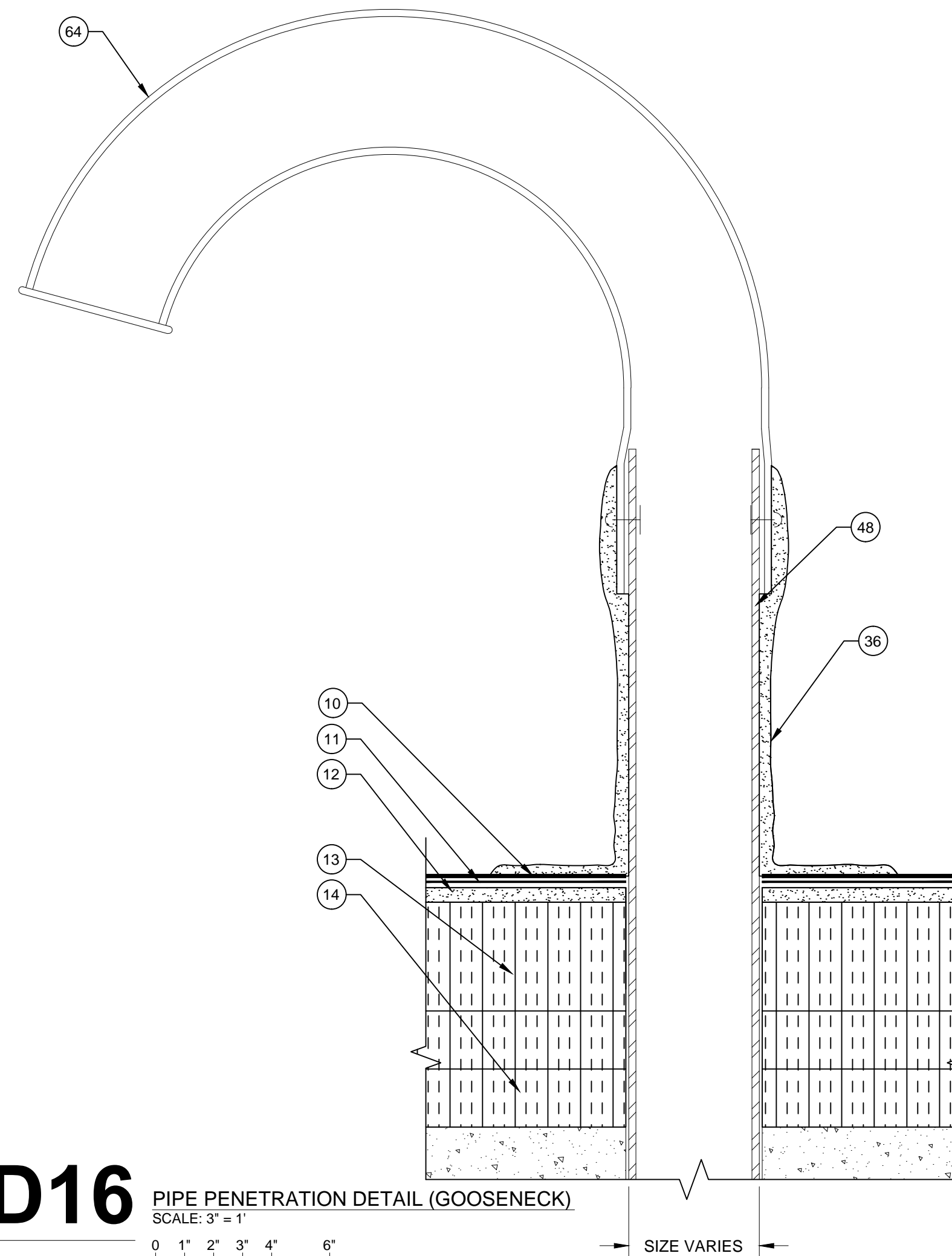
D13 UPPER ROOF SLEEPER DETAIL
SCALE: 3" = 1"
0 1" 2" 3" 4" 6"



D14 COLUMN DETAIL
SCALE: 3" = 1"
0 1" 2" 3" 4" 6"



D15 PIPE FLASHING DETAIL
SCALE: 3" = 1"
0 1" 2" 3" 4" 6"



D16 PIPE PENETRATION DETAIL (GOOSENECK)
SCALE: 3" = 1"
0 1" 2" 3" 4" 6"

LEGEND

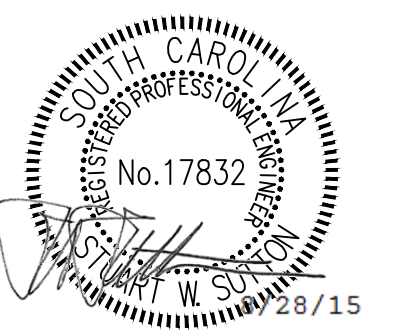
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2. NEW SELF-ADHERING MEMBRANE
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5. NEW WOOD BLOCKING
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8. NEW BACKER PLY
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11. NEW BASE PLY
12. NEW COVER BOARD
13. NEW TAPERED INSULATION
14. NEW BASE INSULATION (2) 2" LAYERS
15. NEW METAL COUNTER FLASHING
16. THREADED ROD WITH EPOXY
17. EXISTING CONCRETE DECK
18. EXISTING METAL DECK
19. EXISTING BUILDING STRUCTURE
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78. NEW COPING CAP WITH CONTINUOUS CLEAT
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PROJECT NAME AND ADDRESS:

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DRAWN BY: **EGM II**
APPROVED BY: **VTN**

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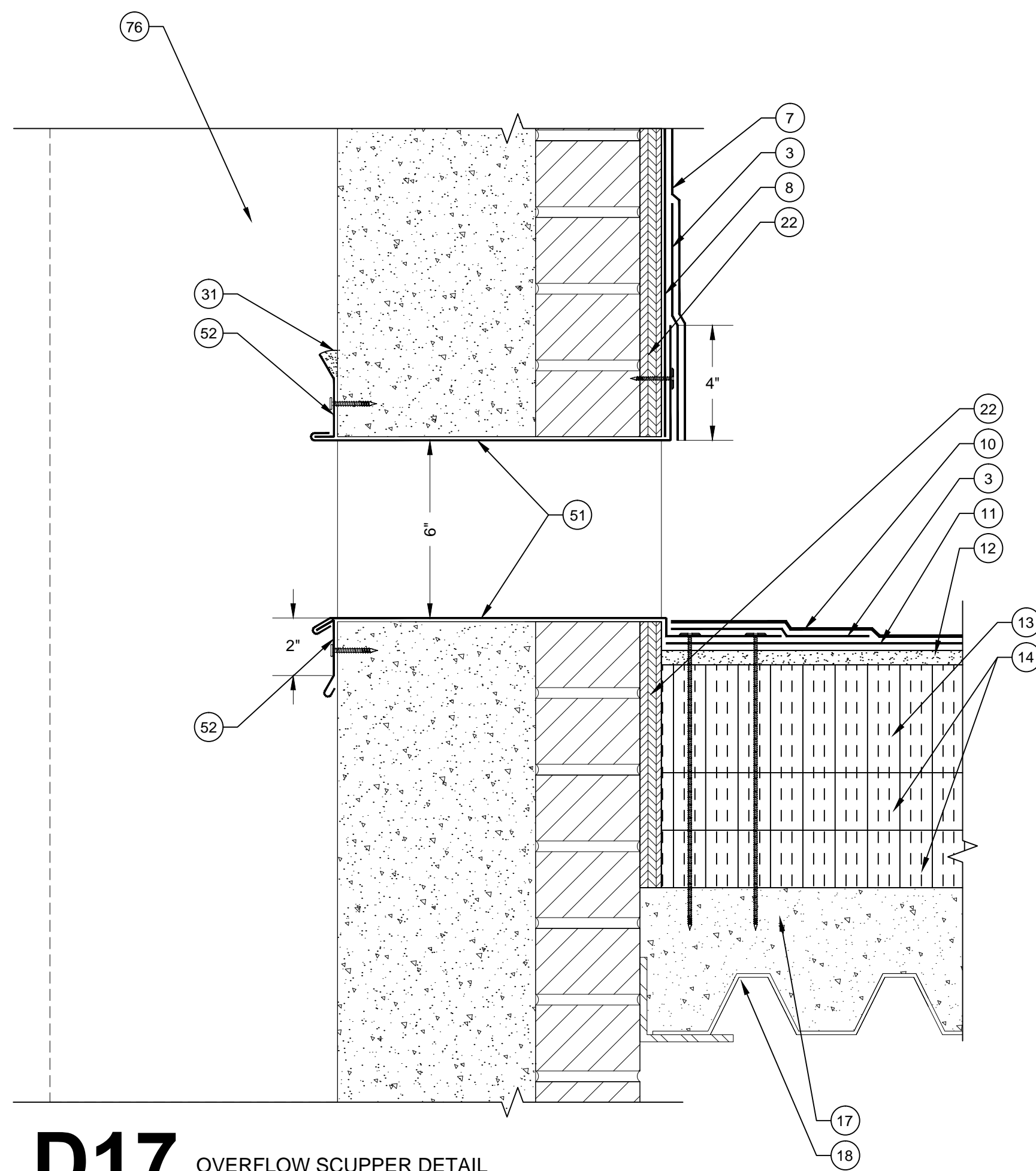
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No.1	06.01.15	ADDENDUM No.1

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ROOF DETAILS

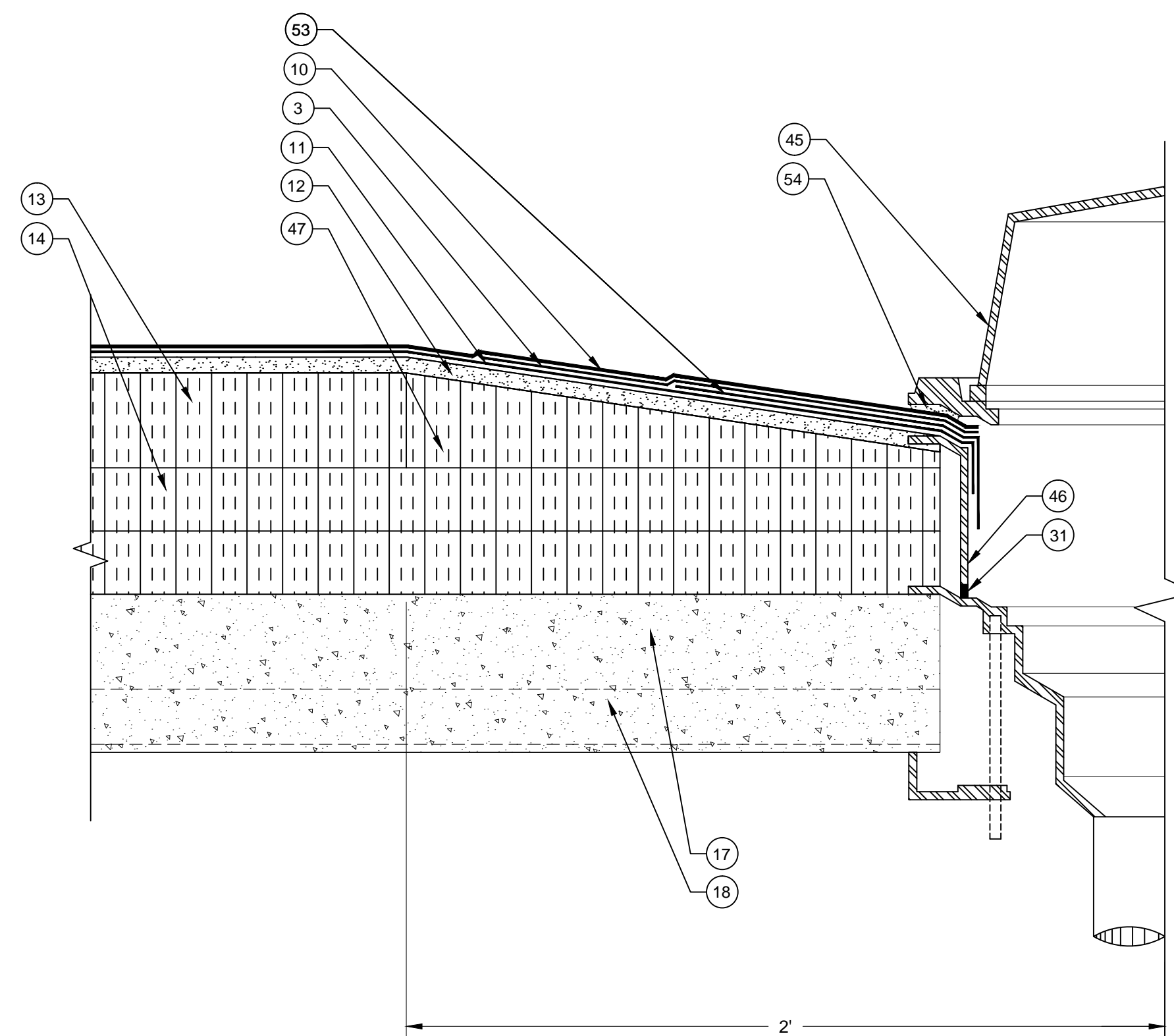
SHEET NUMBER:

R-202

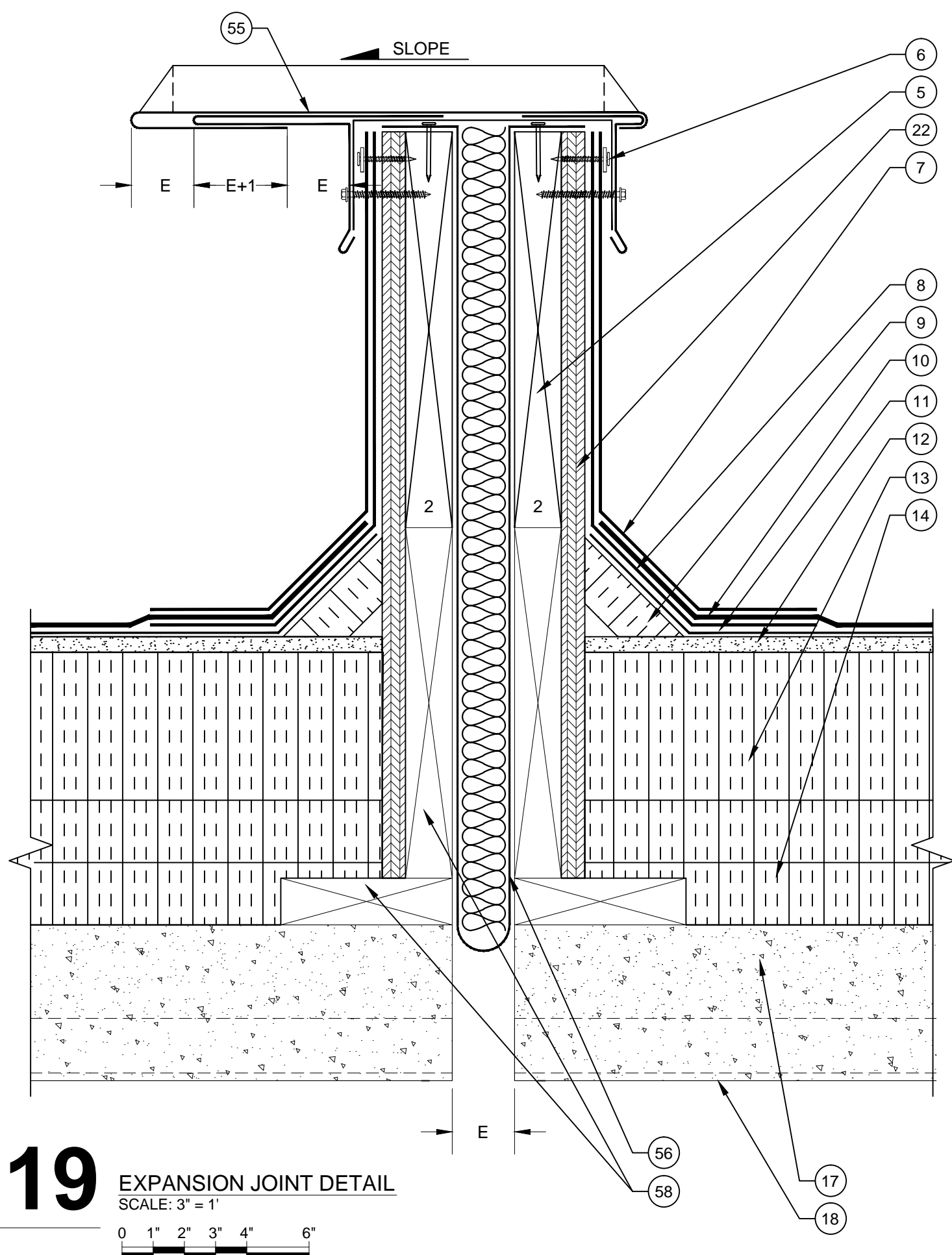


D17 OVERFLOW SCUPPER DETAIL
SCALE: 3" = 1'

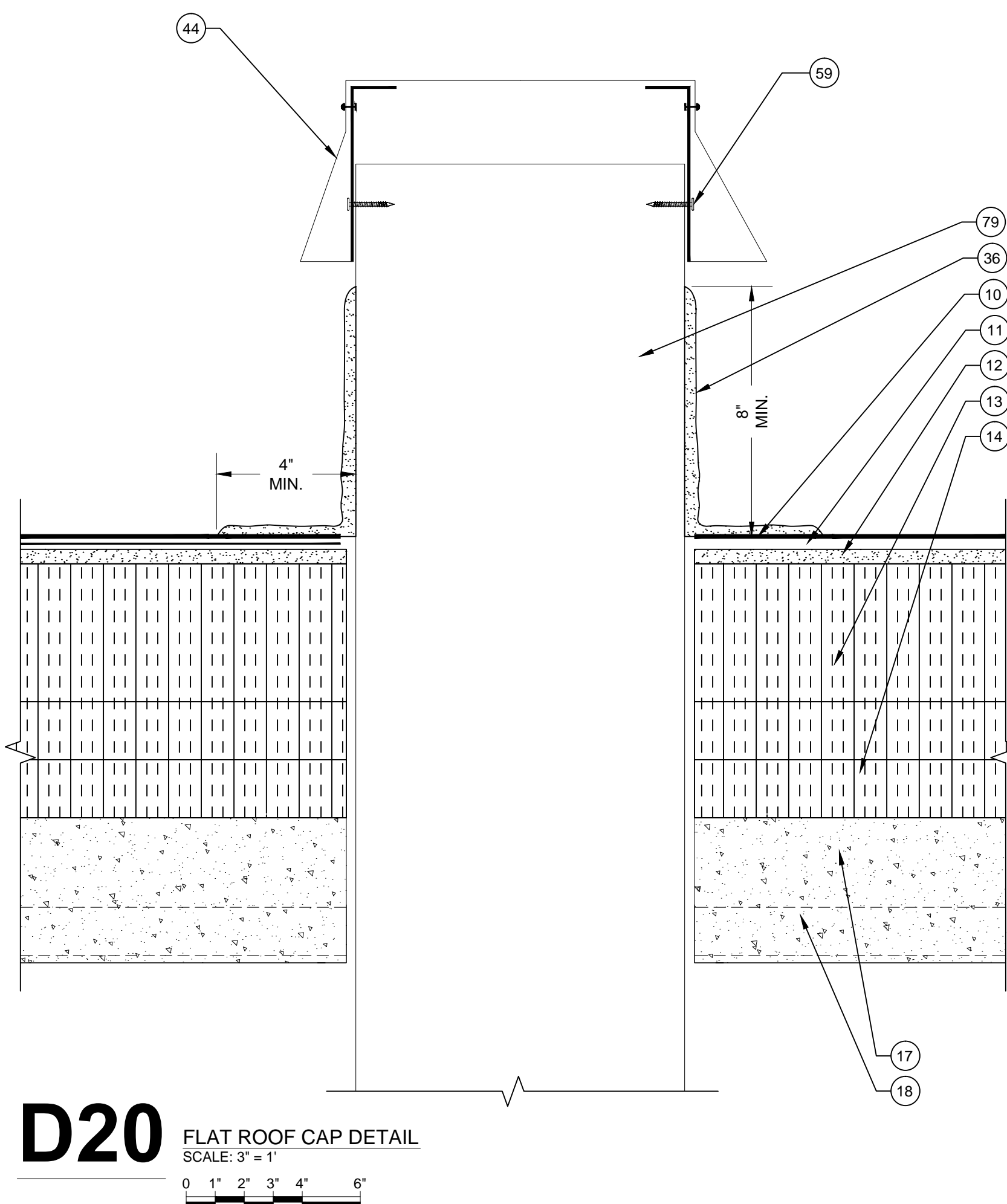
D18 ROOF DRAIN DETAIL
SCALE: 3" = 1'



NOTE: SLOPE IN EXPANSION JOINT COVER NOT SHOWN FOR CLARITY



D19 EXPANSION JOINT DETAIL
SCALE: 3" = 1'



D20 FLAT ROOF CAP DETAIL
SCALE: 3" = 1'

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2020 STARITA ROAD SUITE-E
CHARLOTTE, NORTH CAROLINA
p: 704.594.8940 f: 704.509.1888
RALEIGH, CHARLOTTE, JACKSONVILLE

PROJECT NAME AND ADDRESS:
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UNIVERSITY OF SOUTH CAROLINA
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SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 17832
JAMES W. SUTHERLAND
2/8/15

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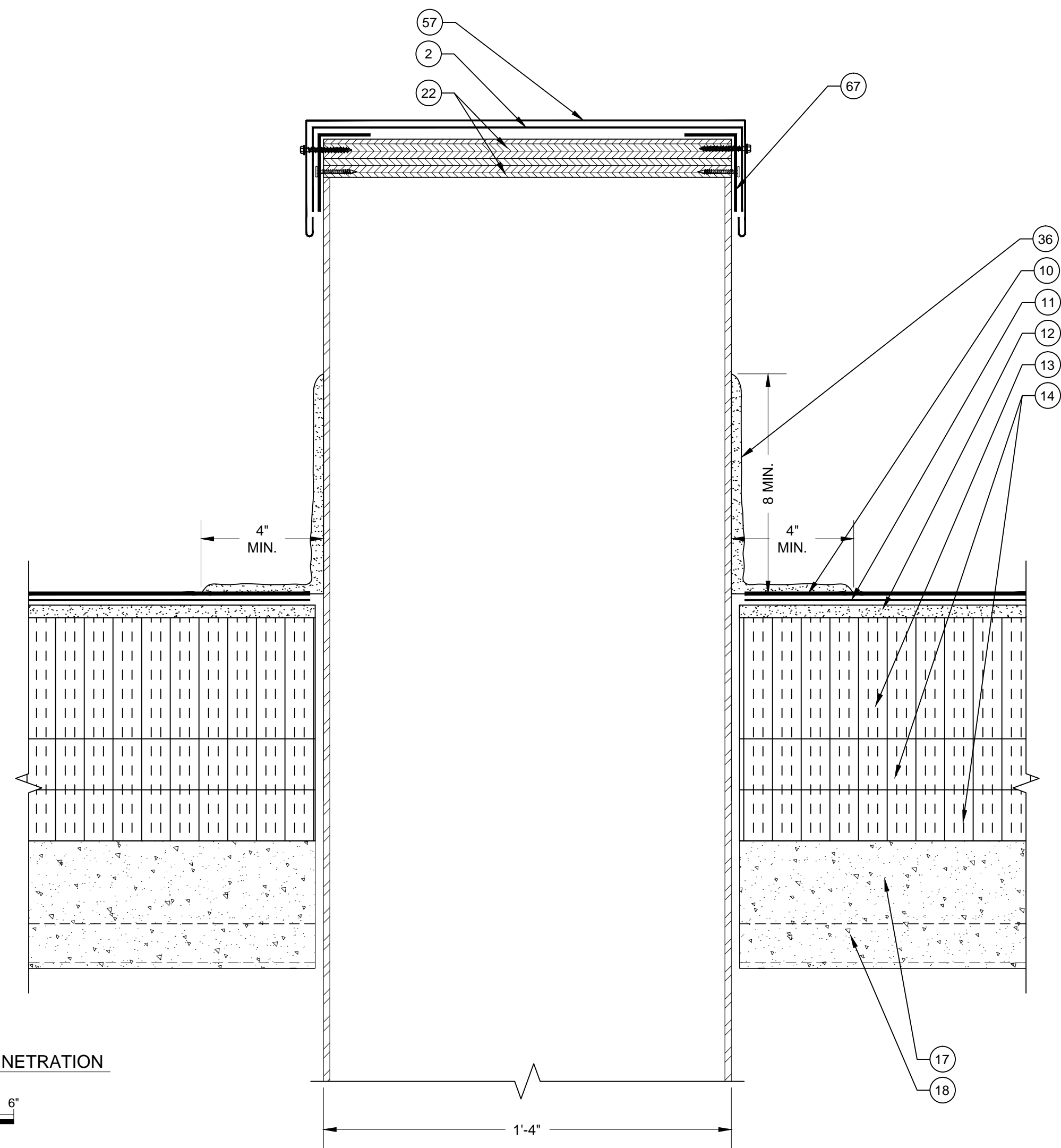
PROJECT NUMBER:
FH146903

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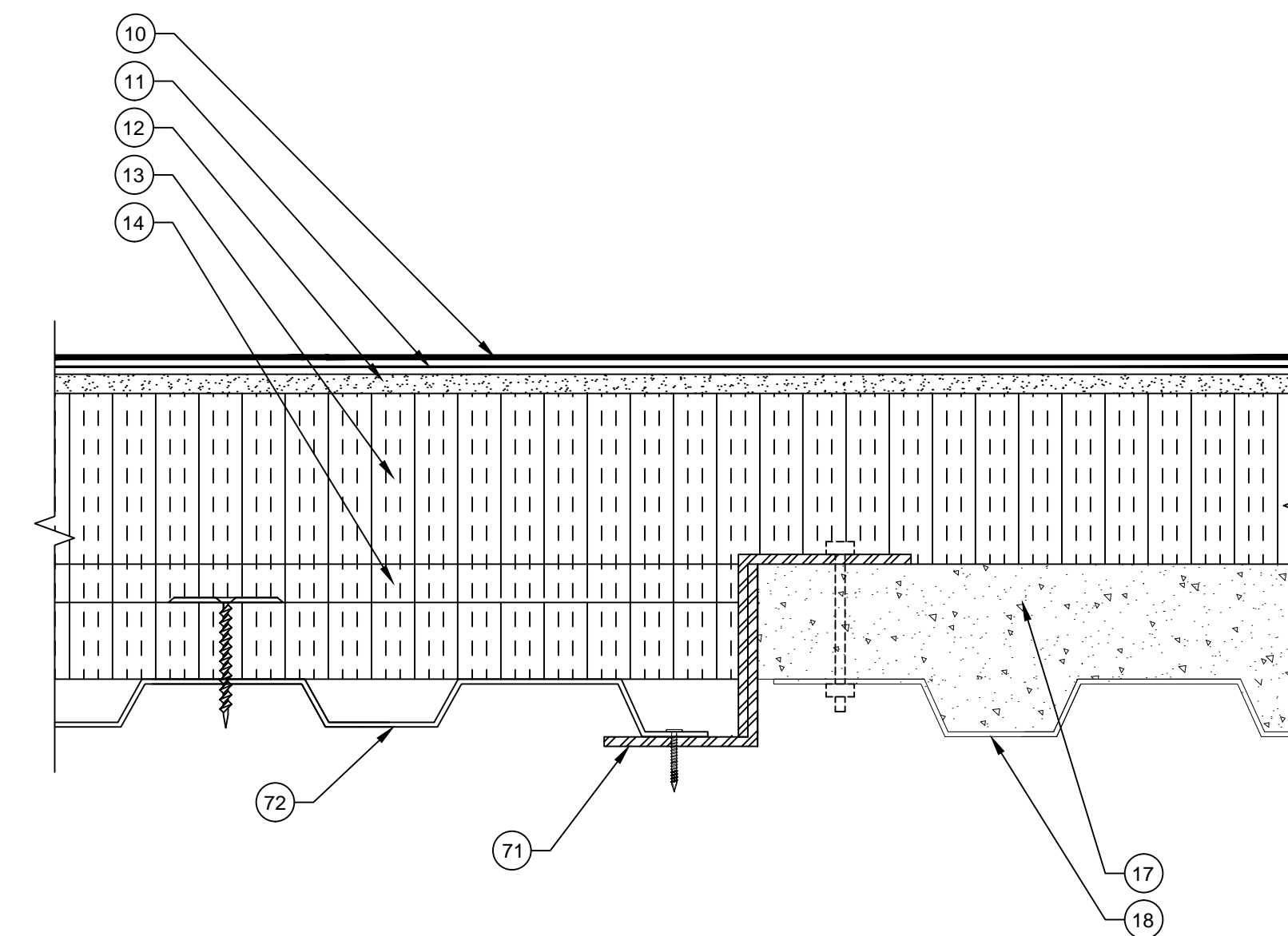
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ROOF DETAILS

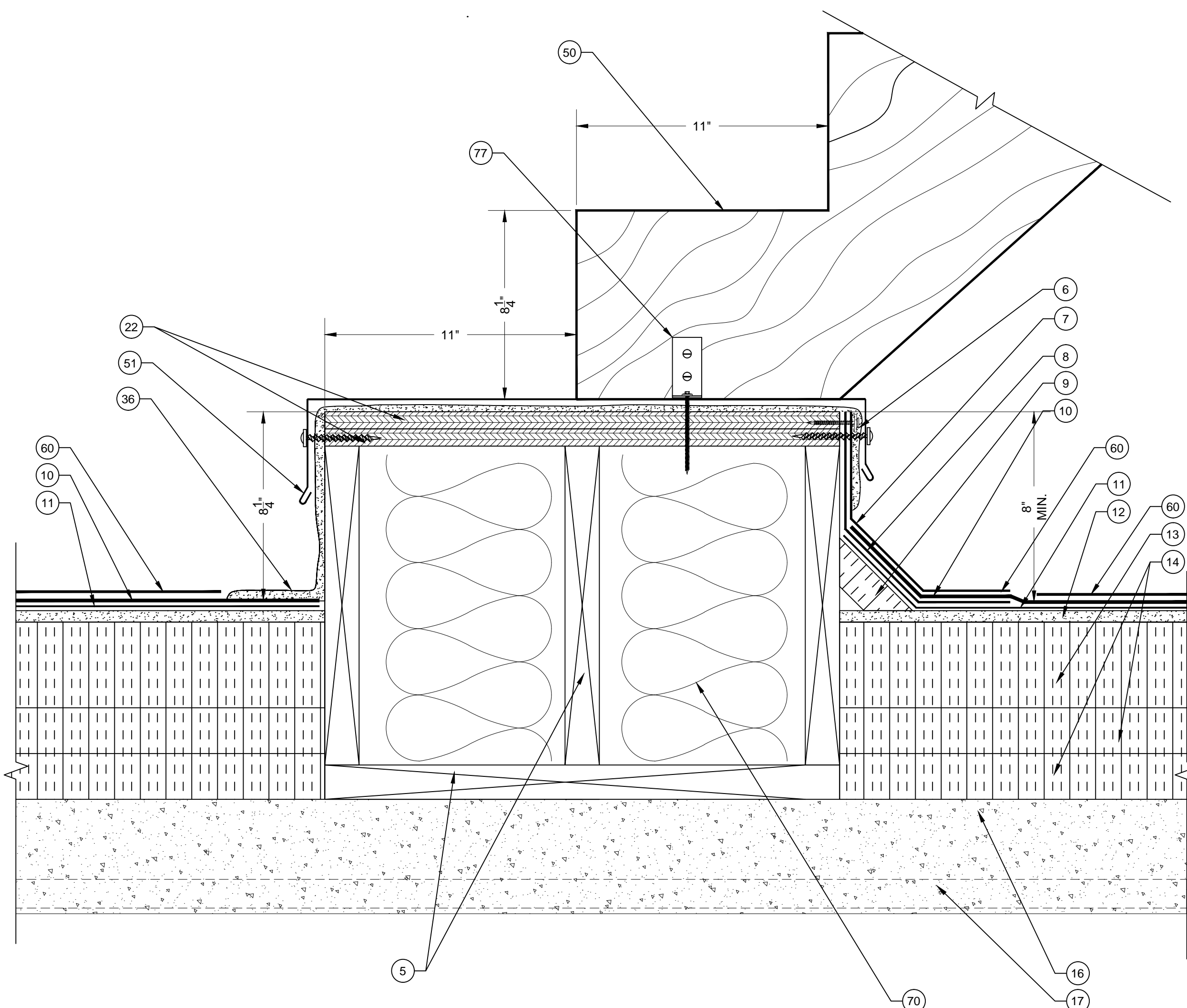
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R-203



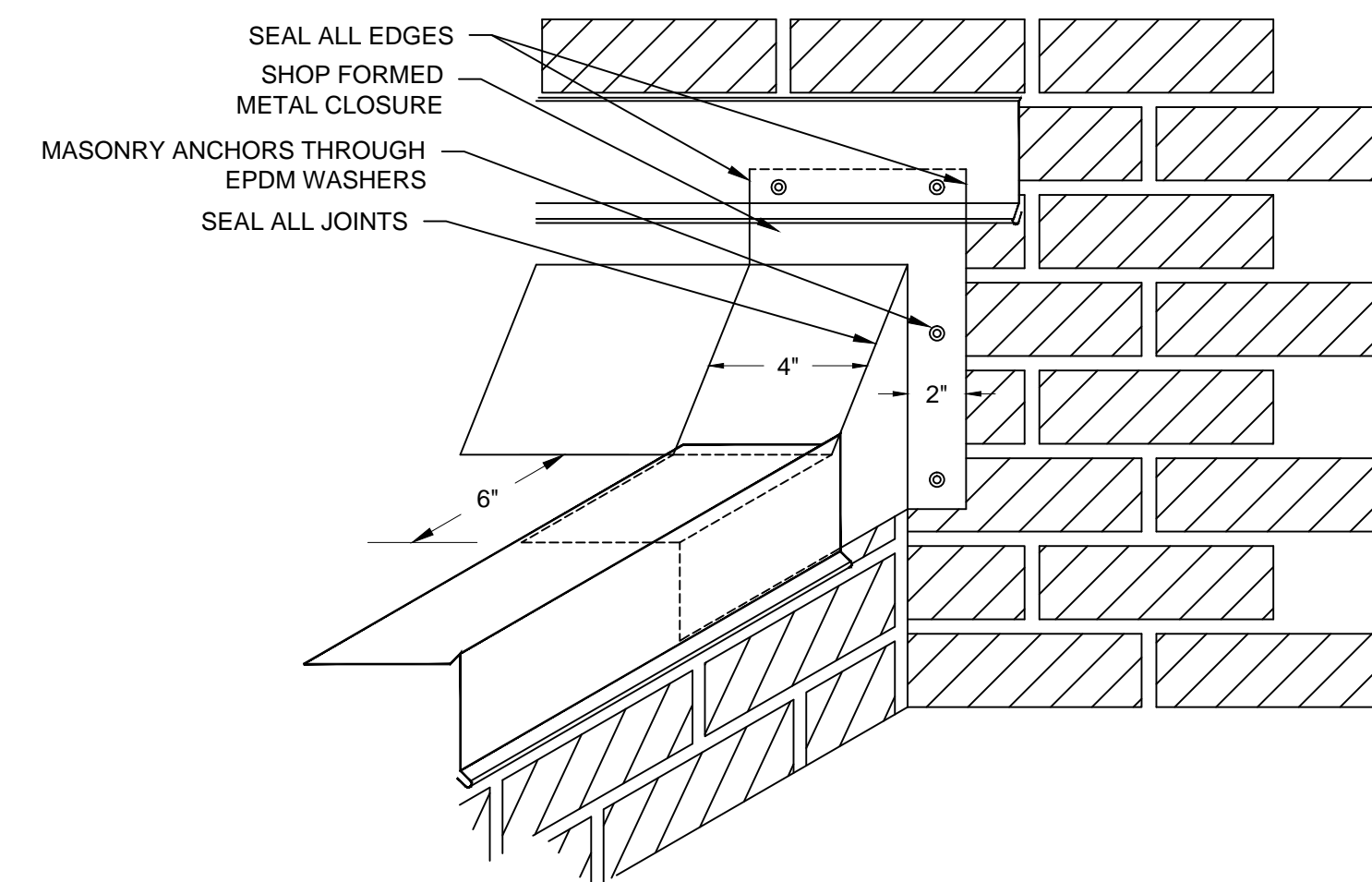
D21 COVER VENT PENETRATION
SCALE: 3" = 1"
0 1' 2' 3' 4' 6'



D22 ABANDONED SKYLIGHT CURB DETAIL
SCALE: 3" = 1"
0 1' 2' 3' 4' 6'



D23 NEW STAIR DETAIL
SCALE: 3" = 1"
0 1' 2' 3' 4' 6'



D24 BASE CLOSURE DETAIL
SCALE: NTS

NOTE: BASE FLASHINGS, INSULATION, ETC. NOT SHOWN FOR CLARITY

LEGEND

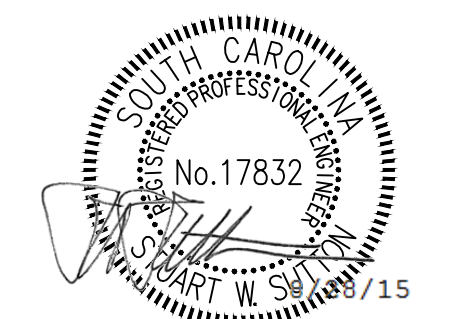
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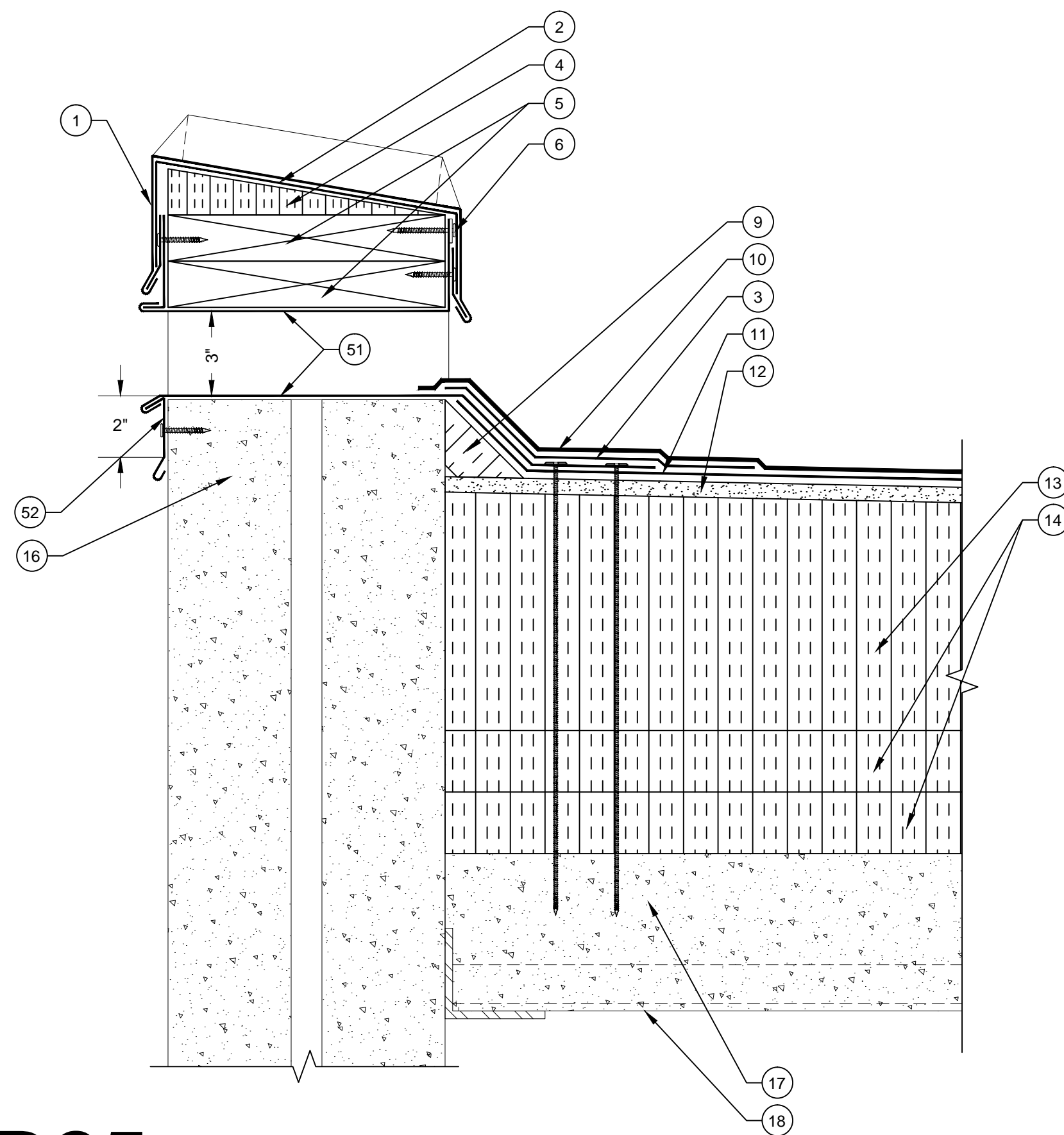
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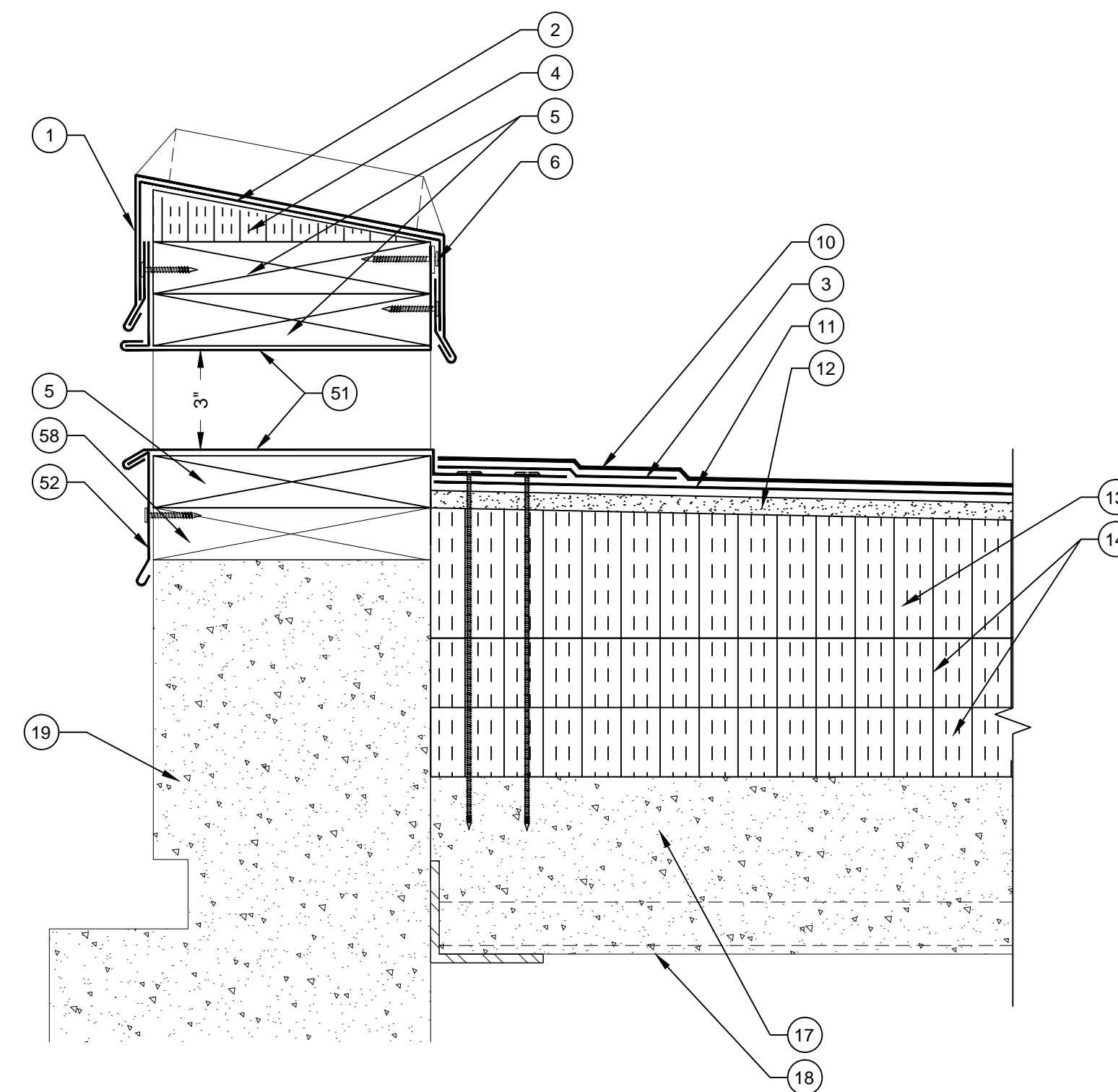
ROOF DETAILS

SHEET NUMBER:

R-204



D25 OVERFLOW SCUPPER DETAIL
SCALE: 3" = 1'
0 1' 2' 3' 4' 6'



D26 OVERFLOW SCUPPER DETAIL
SCALE: 3" = 1'
0 1' 2' 3' 4' 6'

LEGEND

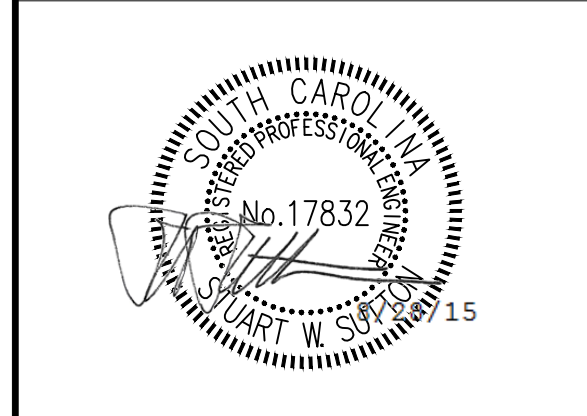
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No.1	06.01.15	ADDENDUM No.1

TITLE SHEET:

ROOF DETAILS

SHEET NUMBER:

R-205



AREA D: Deck Over



AREA D: Deck Over



AREA D: Deck Over



AREA D: Remove and Dispose



AREA D: Remove and Dispose



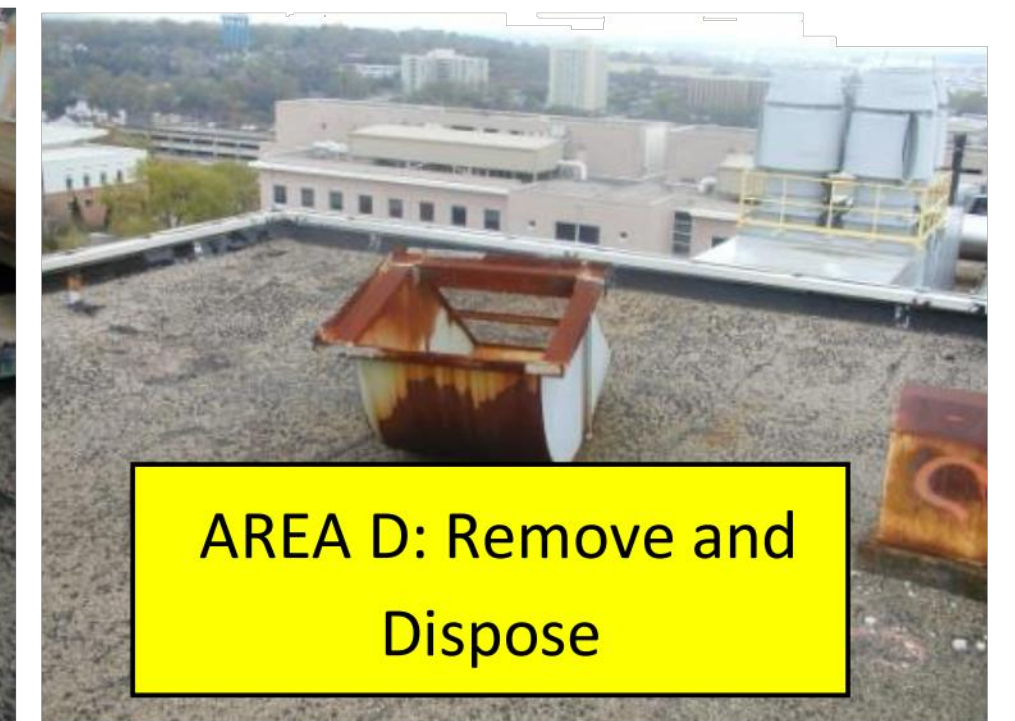
AREA C: Remove and Dispose



AREA D: Remove and Dispose



AREA D: Deck Over



AREA D: Remove and Dispose



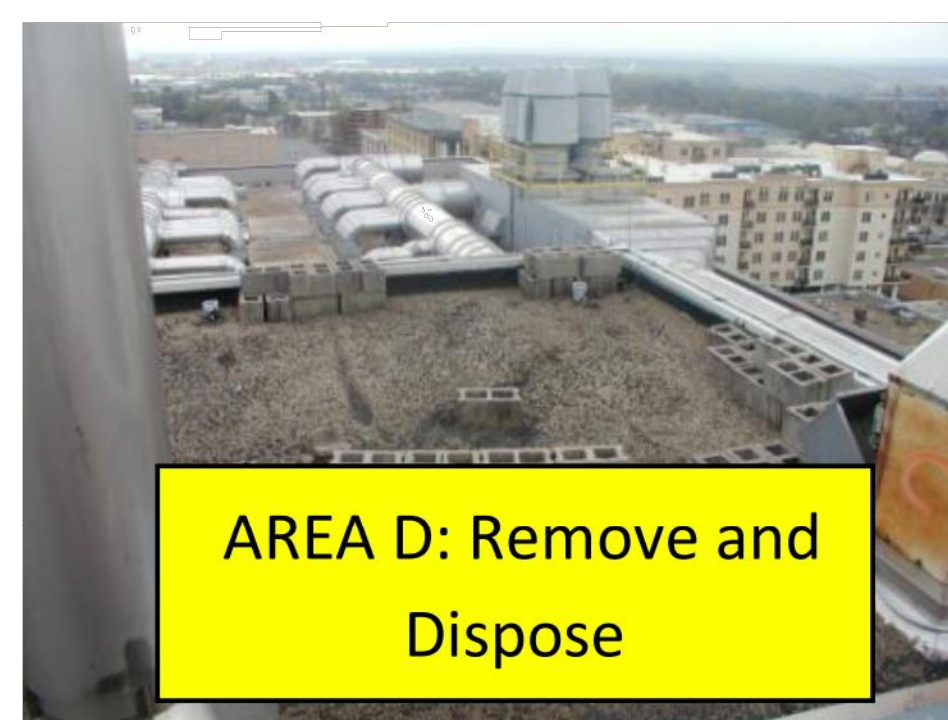
AREA D: Deck Over



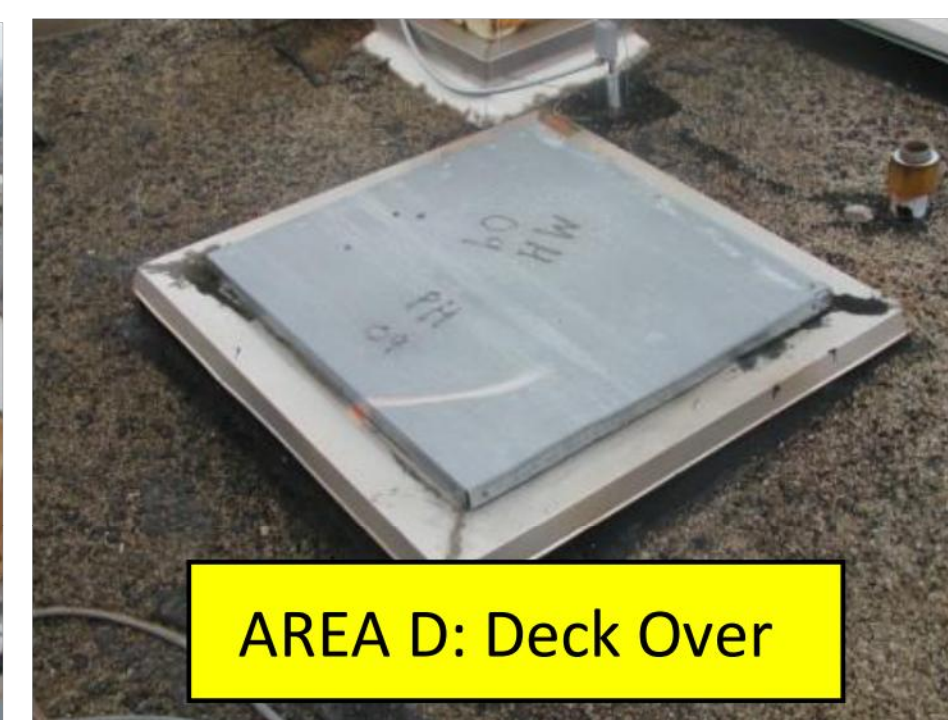
AREA D: Deck Over



AREA D: Deck Over



AREA D: Remove and Dispose



AREA D: Deck Over



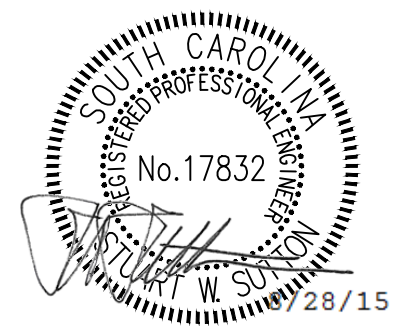
AREA D: Deck Over

PROJECT NAME AND ADDRESS:

UNIVERSITY OF SOUTH CAROLINA
**USC JONES PSC
 ROOF REPLACEMENT
 PROJECT**
 701 MAIN ST.
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ENGINEER STATE LICENSE SEAL



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- DESIGN DEVELOPMENT SUBMITTAL: NOT FOR CONSTRUCTION
- SURVEY REPORT SUBMITTAL: NOT FOR CONSTRUCTION
- CONSTRUCTION DOCUMENT SUBMITTAL: NOT FOR CONSTRUCTION
- BID DOCUMENT SET
- CONSTRUCTION DOCUMENT SUBMITTAL
- ADDENDUM SUBMITTAL
- RECORD DRAWINGS

PROJECT TEAM:

DESIGNED BY: **KRC**
 DRAWN BY: **EGM II**
 APPROVED BY: **VTN**

PROJECT NUMBER:

FH146903

REVISIONS:

No.	DATE	DESCRIPTION
No.1	06.01.15	ADDENDUM No.1

TITLE SHEET:

REMOVALS

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