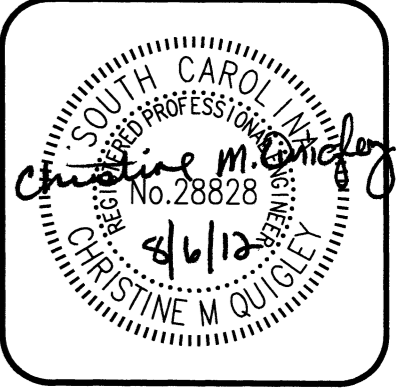
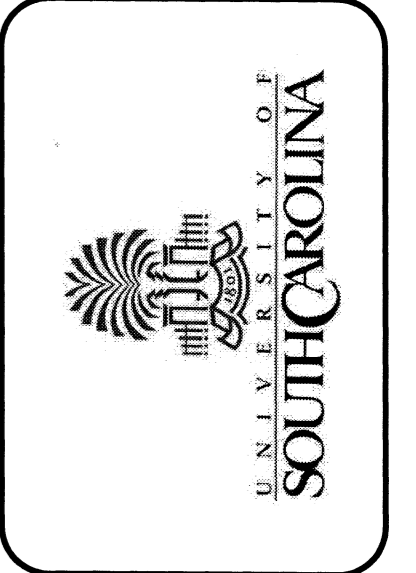
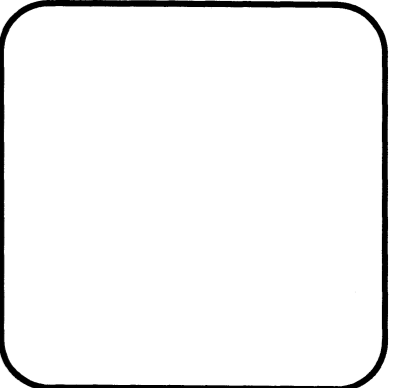
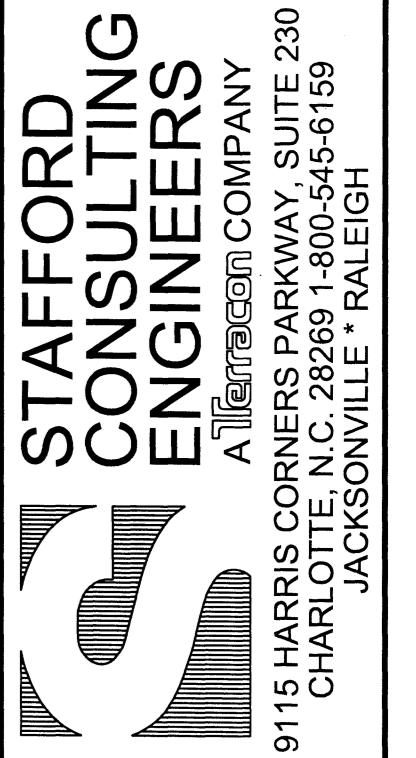


THOMAS COOPER LIBRARY ROOF REPLACEMENT UNIVERSITY OF SOUTH CAROLINA COLUMBIA, SOUTH CAROLINA PROJECT NO. H27-6094

BID DOCUMENTS

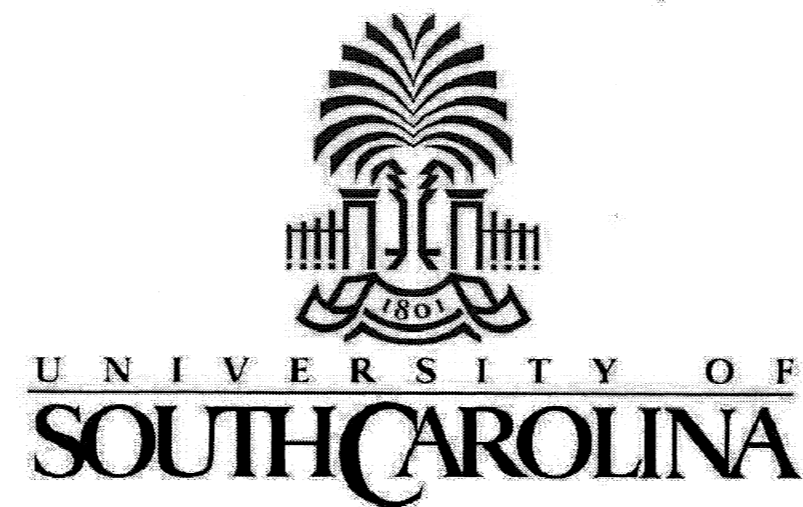
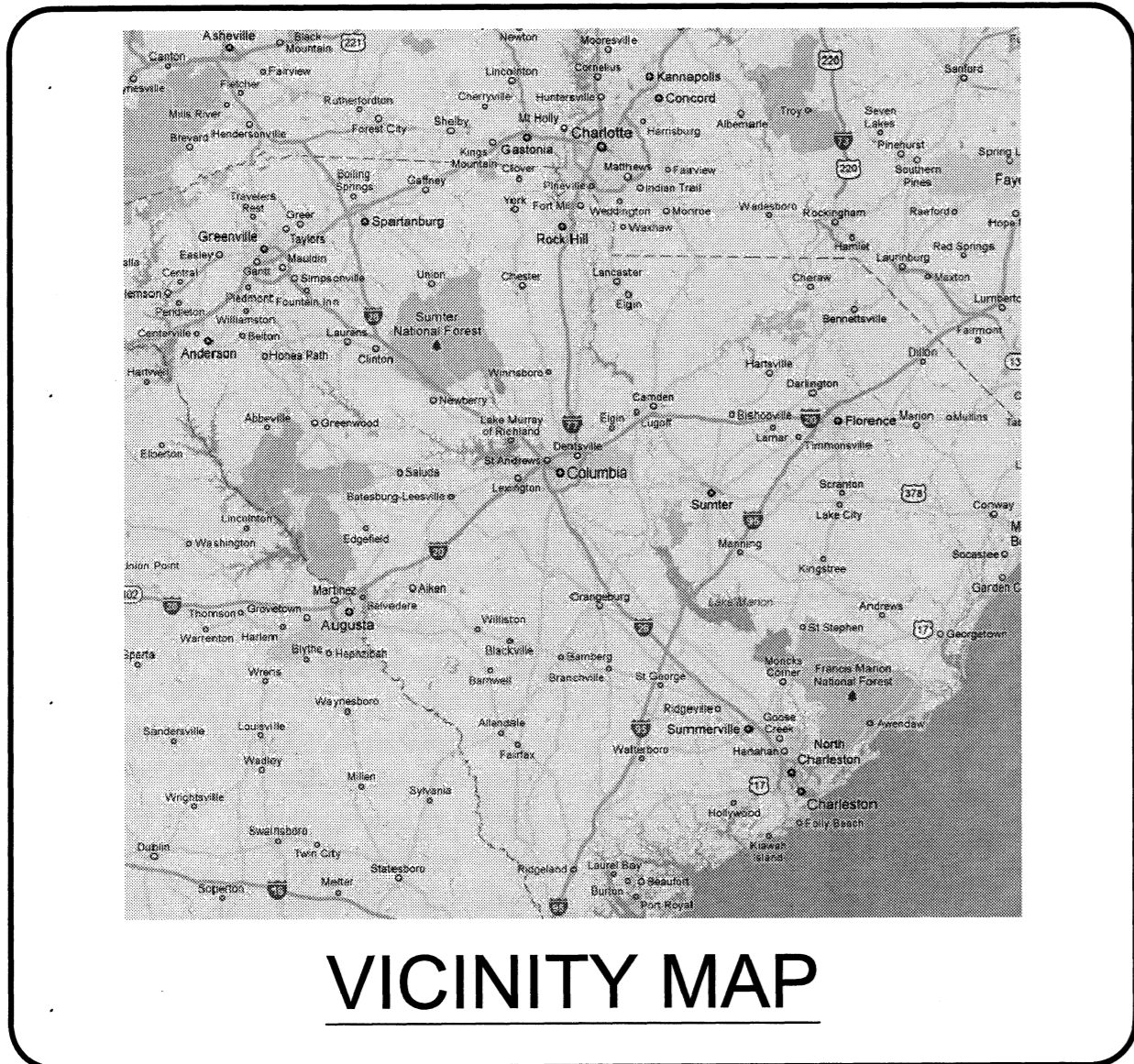


REVISIONS:	REVISION NO.	DATE	APPROVED

PROJECT NAME: THOMAS COOPER LIBRARY ROOF REPLACEMENT UNIVERSITY OF SOUTH CAROLINA COLUMBIA, SOUTH CAROLINA	TITLE SHEET
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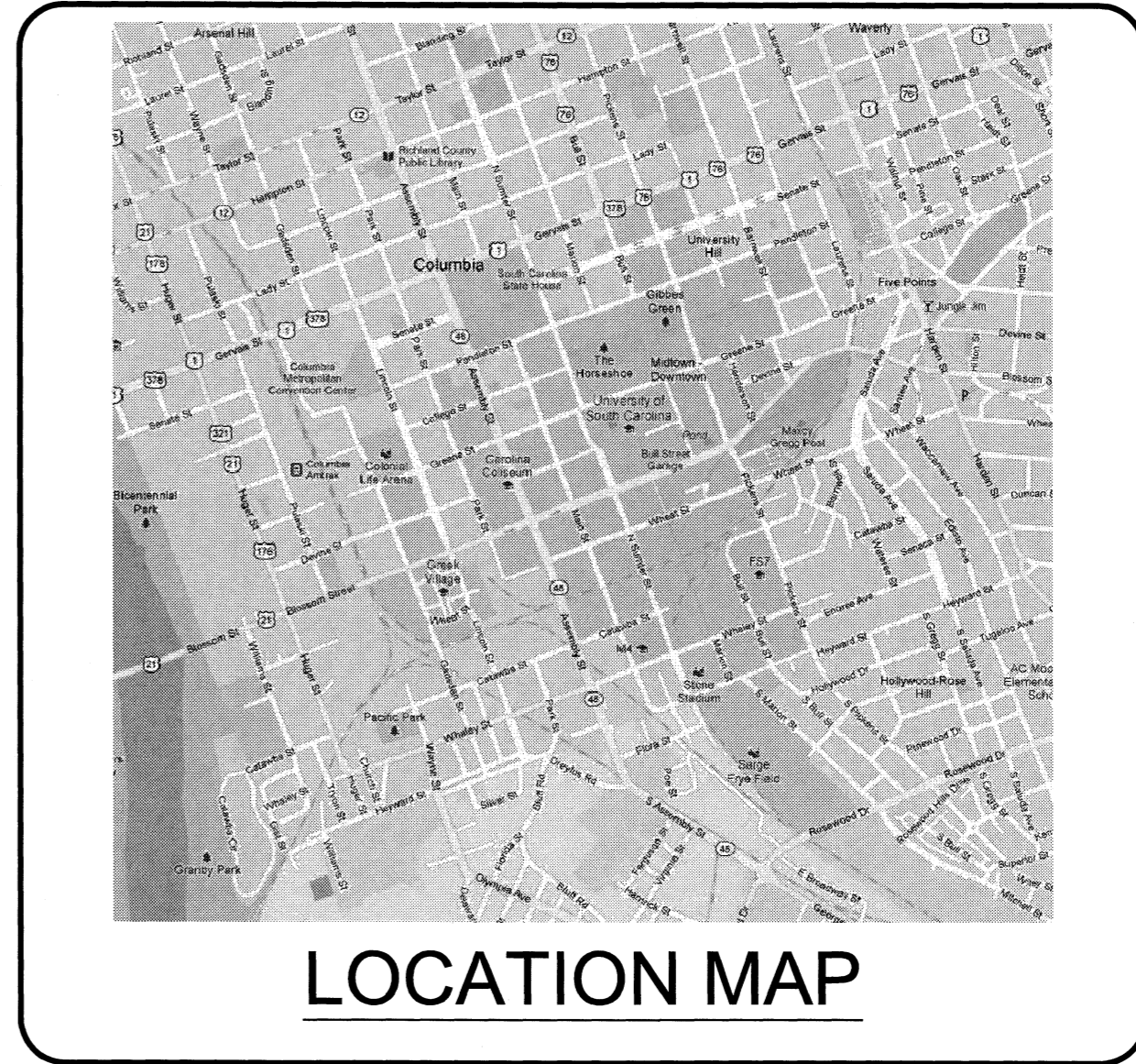
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DWN BY:	TDW
CHKD BY:	
DATE:	08/06/12
SCALE:	NONE

SHEET
T100

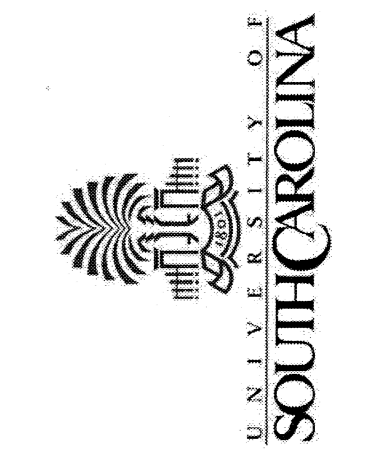


INDEX OF DRAWINGS

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R100	ROOF PLAN
R101	FALL PROTECTION ANCHOR PLAN
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Building Envelope Systems Specialists
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CHARLOTTE
JACKSONVILLE

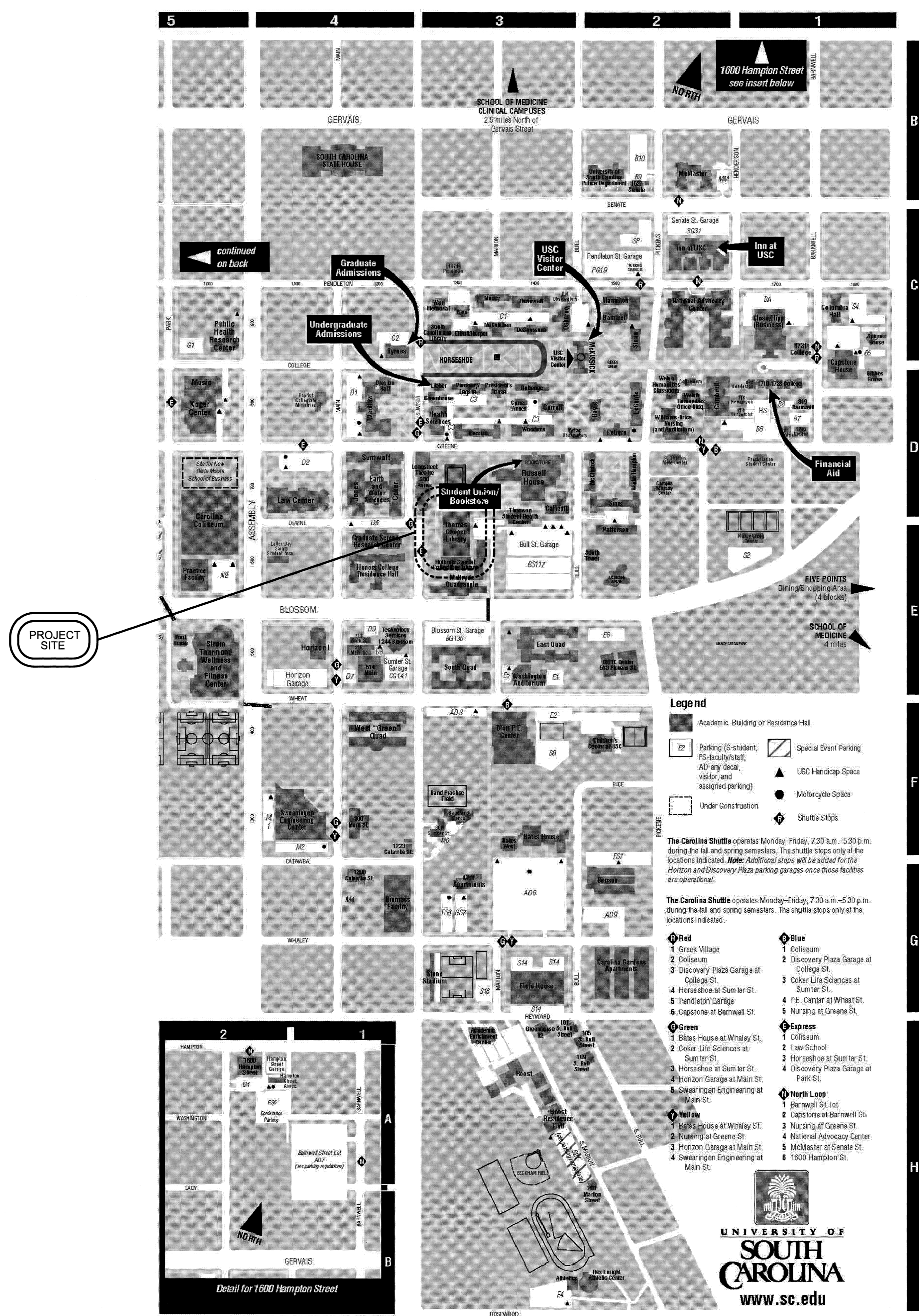


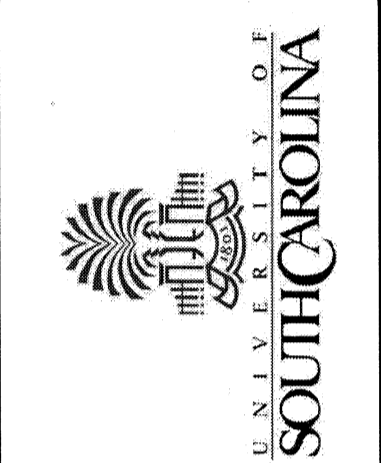
REVISIONS:	
REVISION NO.	DATE

PROJECT NAME: THOMAS COOPER LIBRARY ROOF REPLACEMENT UNIVERSITY OF SOUTH CAROLINA COLUMBIA, SOUTH CAROLINA	TITLE: CAMPUS MAP
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PF NO:	FH126801
DWN BY:	TDW
CHKD BY:	
DATE:	08/06/12
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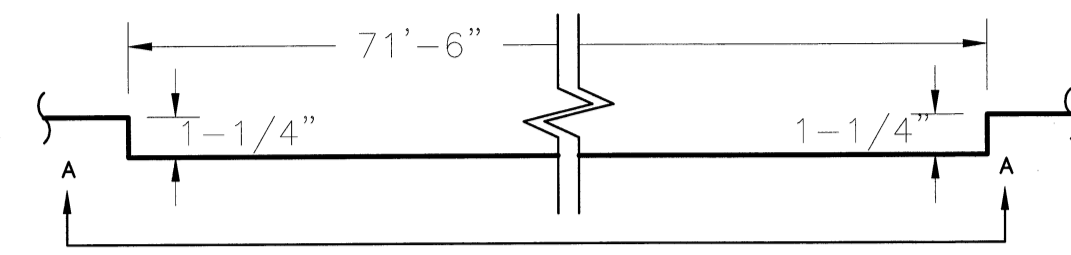


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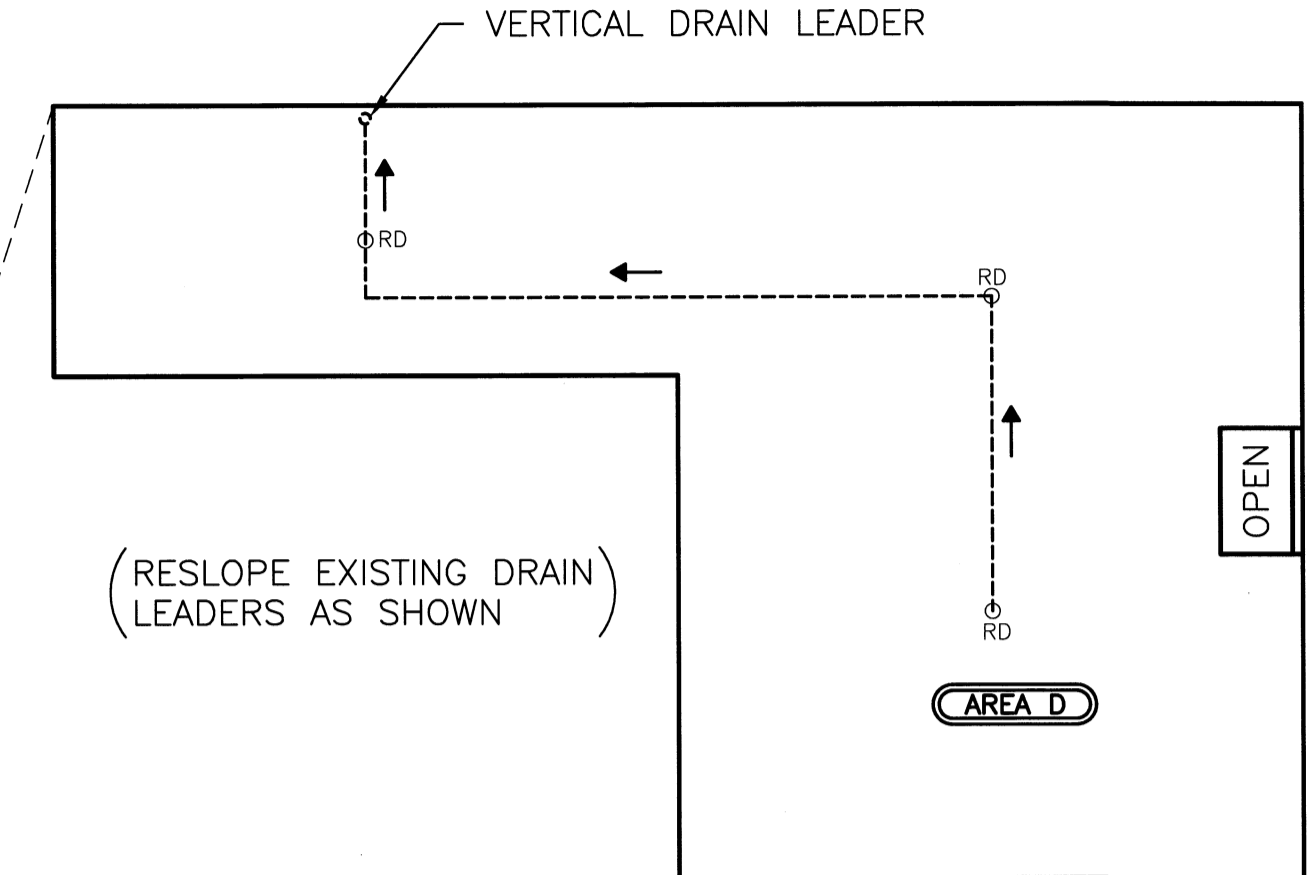
PROJECT NAME: THOMAS COOPER LIBRARY
 ROOF REPLACEMENT
 UNIVERSITY OF SOUTH CAROLINA
 COLUMBIA, SOUTH CAROLINA
 TITLE: ROOF PLAN

PF NO:	FH126801
DWN BY:	TDW
CHKD BY:	
DATE:	08/06/12
SCALE:	AS NOTED

SHEET
R100

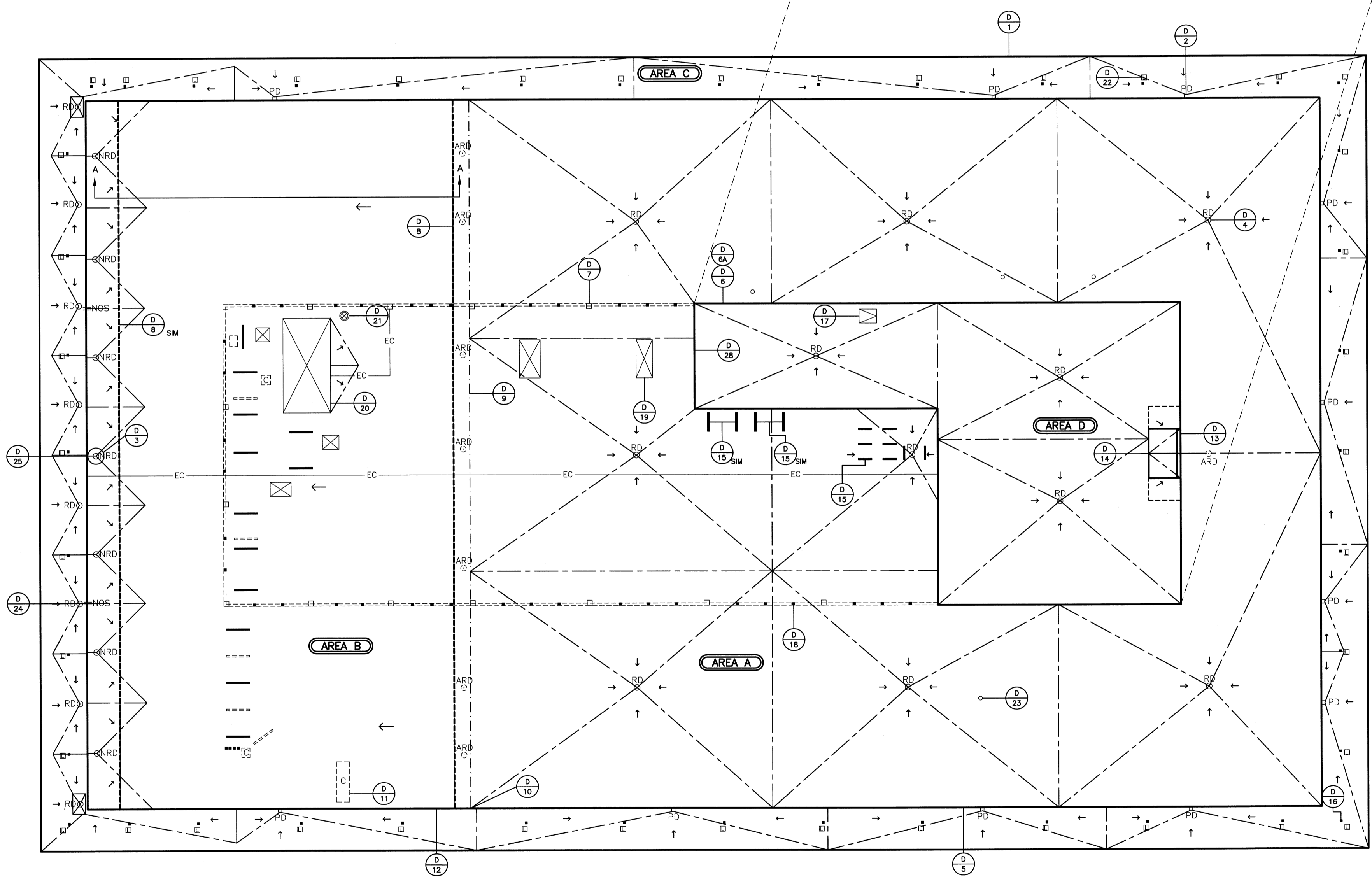


CONCRETE DECK ELEVATION CHANGE
 (NOT TO SCALE)



(RESLOPE EXISTING DRAIN LEADERS AS SHOWN)

DRAINAGE MODIFICATION PLAN

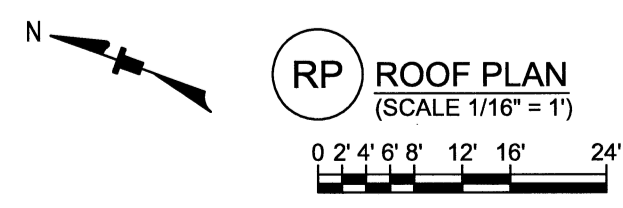


- GENERAL NOTES:**
- 1 LIGHTWEIGHT INSULATING CONCRETE SLOPE PLAN IS SUBJECT TO CHANGE PENDING EXTRA PARAPET DRAINS BEING DISCOVERED AT AREA C DURING EXISTING ROOF REMOVAL. CONTRACTOR SHALL CLEAR AND WATER TEST ADDITIONAL DRAINS IF FOUND.
 - 2 REMOVE ABANDONED 2" DRAINS AT NORTH EDGE OF AREA B AND FURNISH AND INSTALL NEW 3" ROOF DRAINS.
 - 3 SLOPE OF CRICKETS ON AREA B SHALL BE 1/2" PER FT. SLOPE.

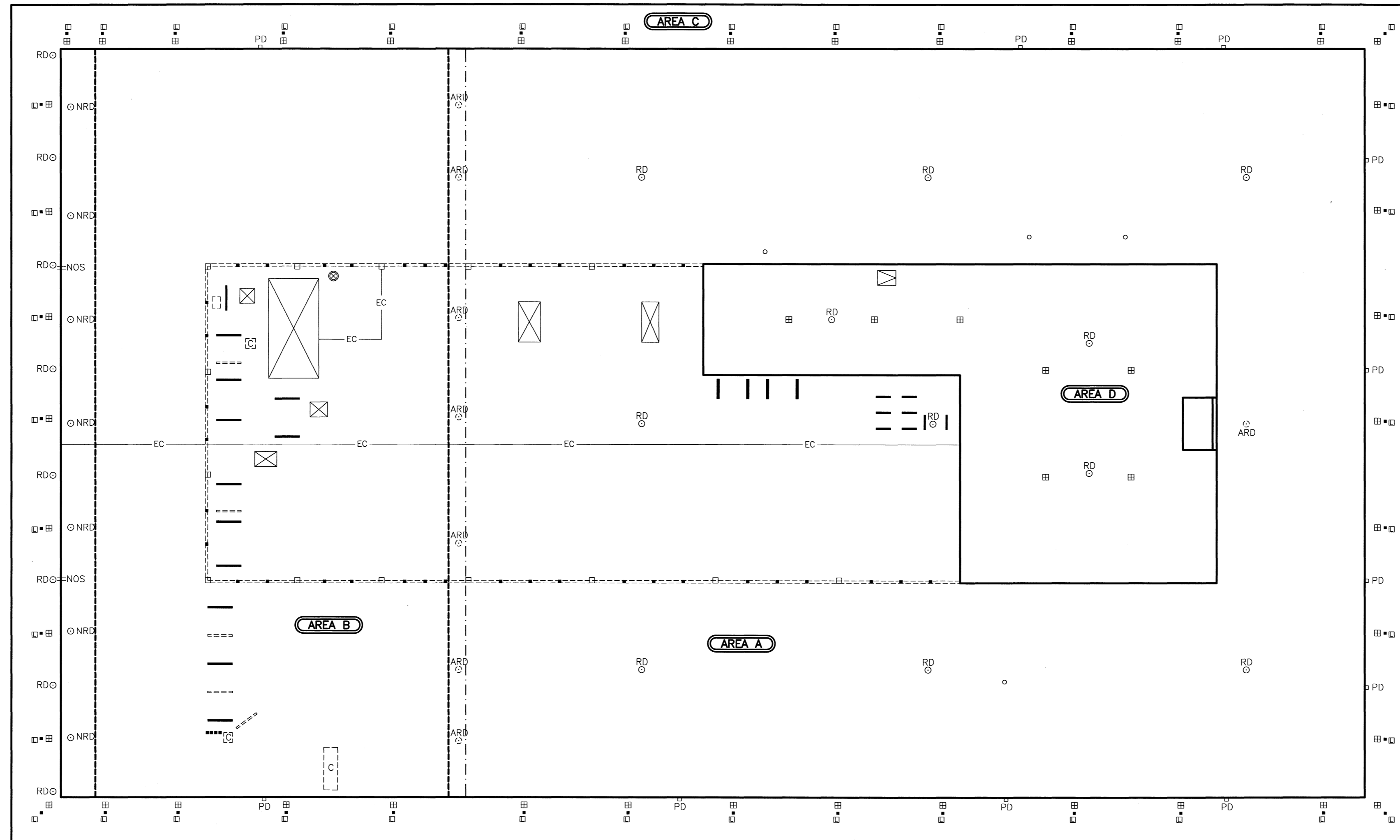
LIGHTWEIGHT INSULATING CONCRETE SLOPE


AREA A	1/4" PER FT (VARIES AT EXP. JT.)
AREA B	1/8" PER FT
AREA C	VARIES
AREA D	1/4" PER FT


- LEGEND**
- RD⊙ ROOF DRAIN
 - NRD⊙ NEW ROOF DRAIN
 - ARD⊙ ABANDONED ROOF DRAIN
 - PD PARAPET DRAIN
 - NOS= NEW OVERFLOW SCUPPER
 - ===== EQUIPMENT SCREEN WALL
 - DECK LINE (DECK ELEVATION CHANGE)
 - - - - - EXPANSION JOINT
 - ⊙ LIGHT FIXTURE
 - ⊗ MECHANICAL UNIT
 - ⊠ ROOF HATCH
 - ⊞ COVERED CURB (TO BE REMOVED)
 - FLASHED EQUIPMENT CURB
 - NEW OVERFLOW TROUGH IN LIGHTWEIGHT INSULATING CONCRETE
 - ==== ABANDONED PITCH PAN (TO BE REMOVED)
 - PITCH PAN
 - VENT PIPE/PENETRATION
 - ⊙ ROUND STACK
 - EC— ELECTRICAL CONDUIT
 - LIGHTWEIGHT INSULATING CONCRETE
 - LIGHTWEIGHT INSULATING CONCRETE SLOPE
 - ⊙ DETAIL NO.



RP ROOF PLAN
 (SCALE 1/16" = 1')





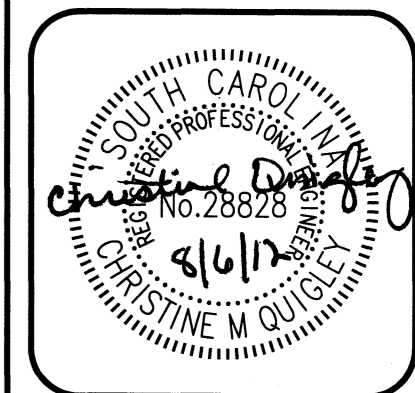
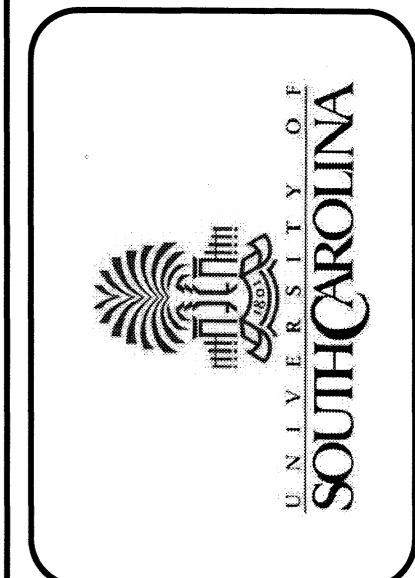
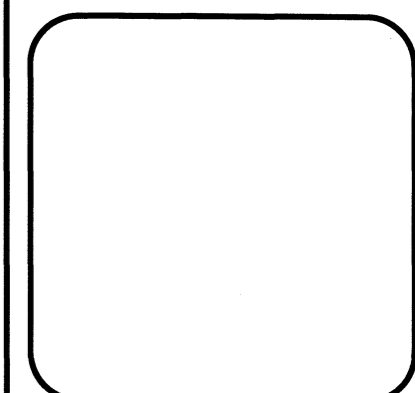
RP ROOF PLAN
 (SCALE 1/16" = 1')


NOTE: CONTRACTOR TO INSTALL FALL PROTECTION ANCHORS PER SPECIFICATIONS. CONTRACTOR TO FLASH ANCHORS PER SPECIFICATIONS AND TYPICAL DETAILS.

LEGEND	
RD ○	ROOF DRAIN
ARD ○	ABANDONED ROOF DRAIN
□ PD	PARAPET DRAIN
—	GUTTER W/DOWNSPOUT
—	GUTTER EXPANSION JOINT
=====	EQUIPMENT SCREEN WALL
-----	DECK LINE (DECK ELEVATION CHANGE)
- - - - -	EXPANSION JOINT
□	LIGHT FIXTURE
⊗	MECHANICAL UNIT
⊠	ROOF HATCH
⊞	COVERED CURB (TO BE REMOVED)
—	FLASHED EQUIPMENT CURB
—	NEW OVERFLOW TROUGH IN LIGHTWEIGHT INSULATING CONCRETE
==>	ABANDONED PITCH PAN (TO BE REMOVED)
■	PITCH PAN
●	VENT PIPE/PENETRATION
○	ROUND STACK
— EC —	ELECTRICAL CONDUIT
⊞	FALL PROTECTION ANCHOR

BID DOCUMENTS

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 9115 HARRIS CORNERS PARKWAY, SUITE 230
 CHARLOTTE, N.C. 28269 1-800-545-6159
 JACKSONVILLE • RALEIGH

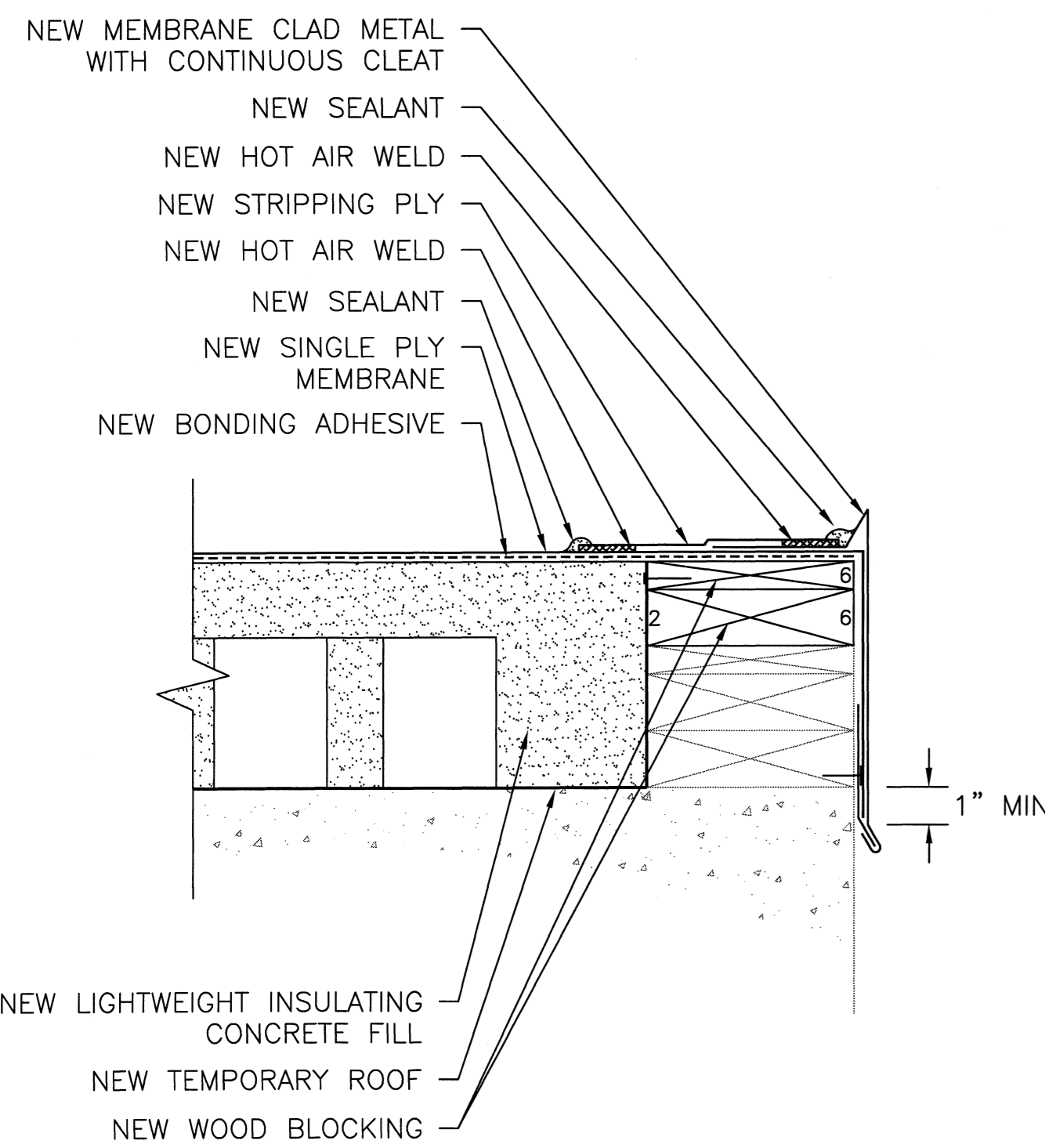


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REVISION NO.	DATE

PROJECT NAME: THOMAS COOPER LIBRARY ROOF REPLACEMENT UNIVERSITY OF SOUTH CAROLINA COLUMBIA, SOUTH CAROLINA	TITLE: FALL PROTECTION ANCHOR PLAN
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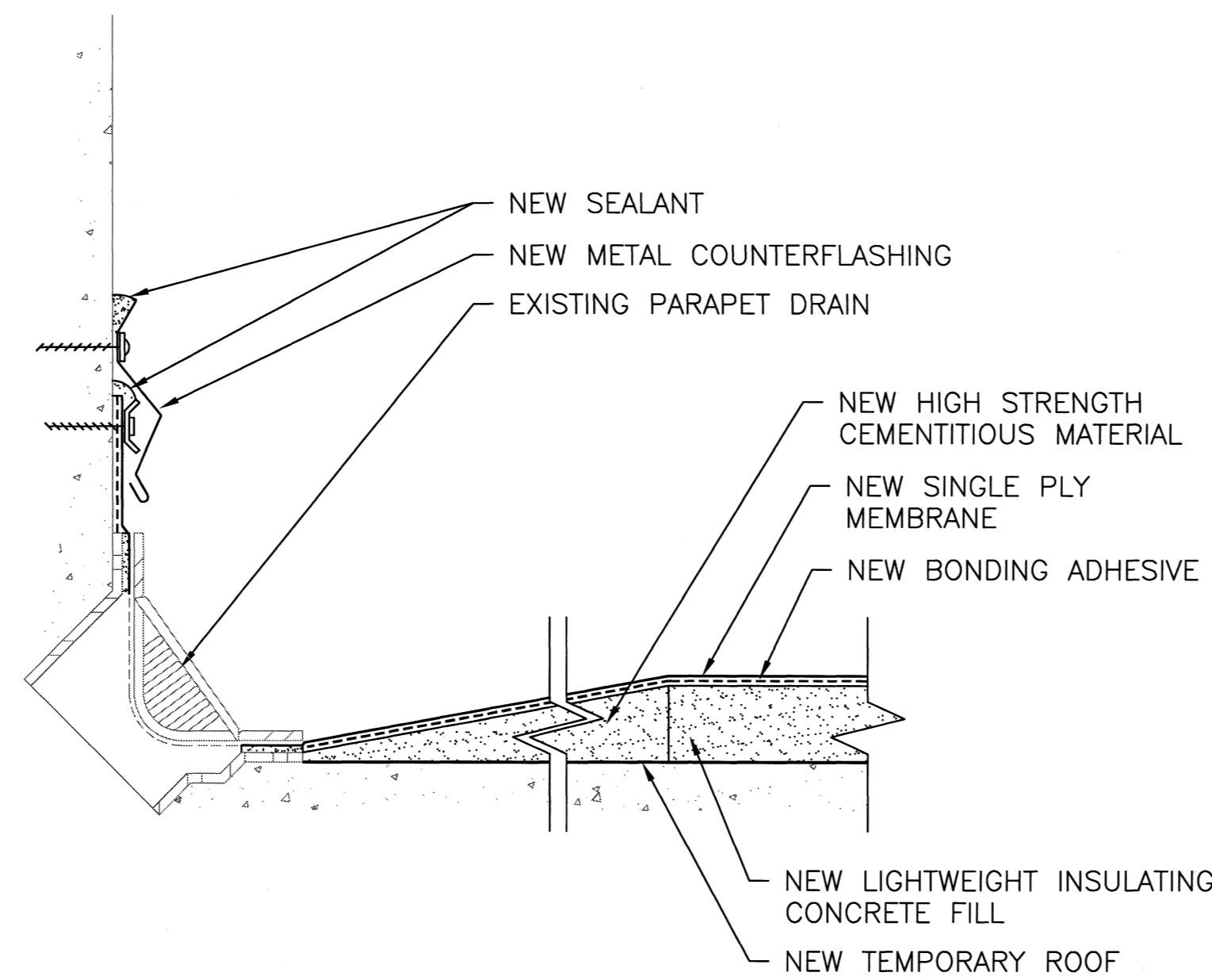
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DWN BY: TDW
CHKD BY:
DATE: 08/06/12
SCALE: AS NOTED

SHEET
R101

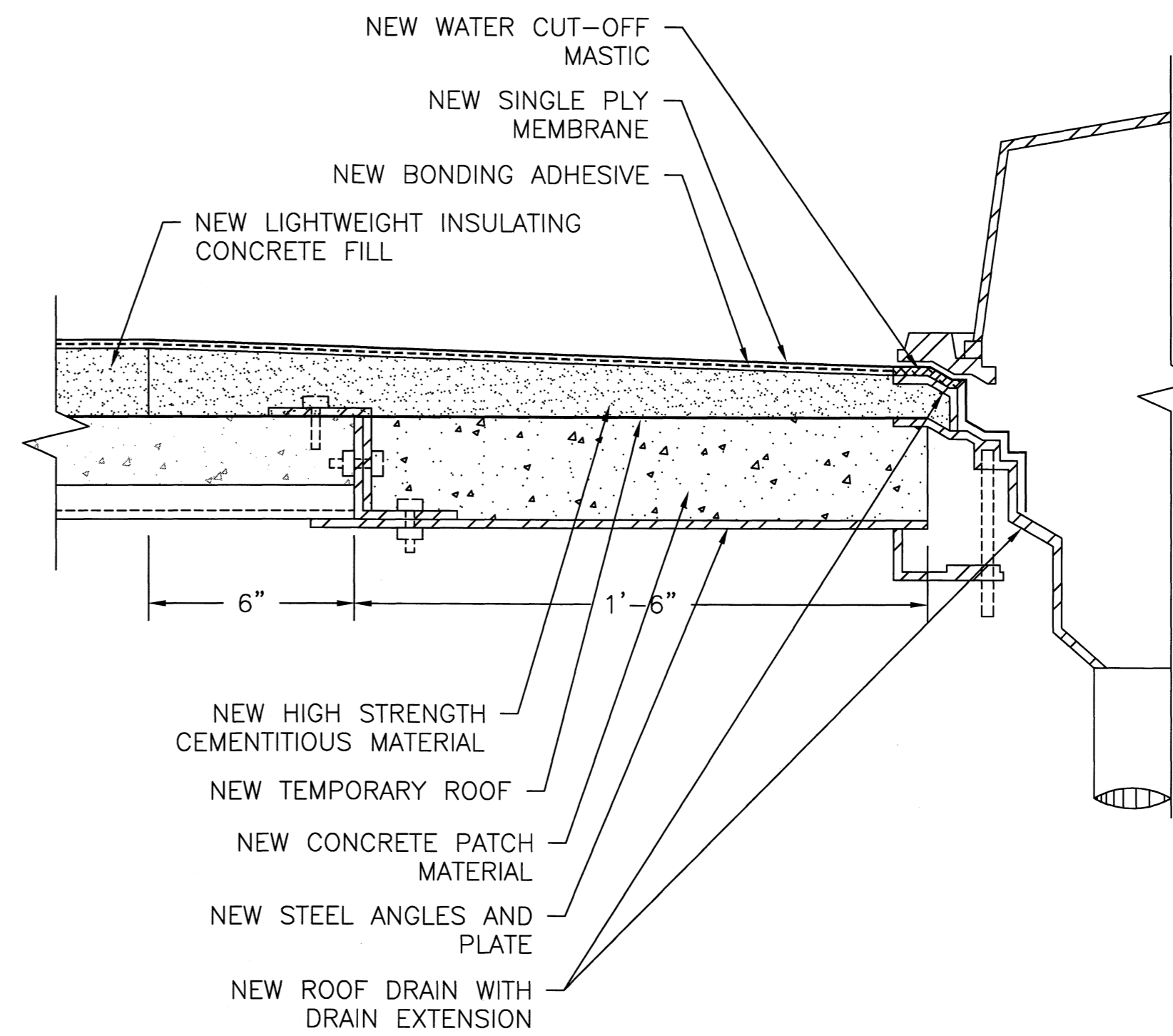


NOTE: EAVE HEIGHT TO REMAIN CONSTANT AT EXTERIOR PERIMETER OF AREA C

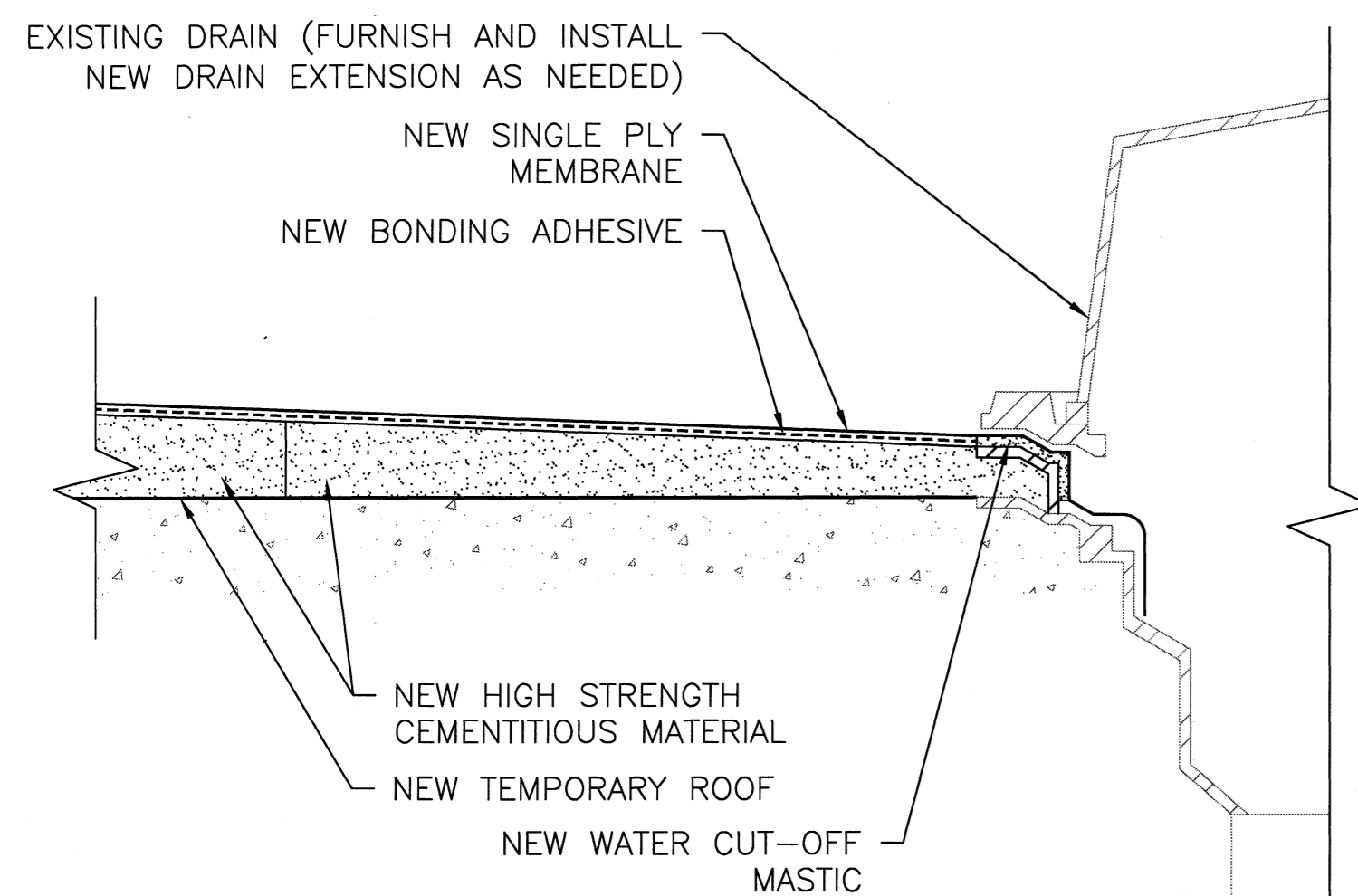
D1 EAVE DETAIL
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0 1" 2" 3" 4" 6"



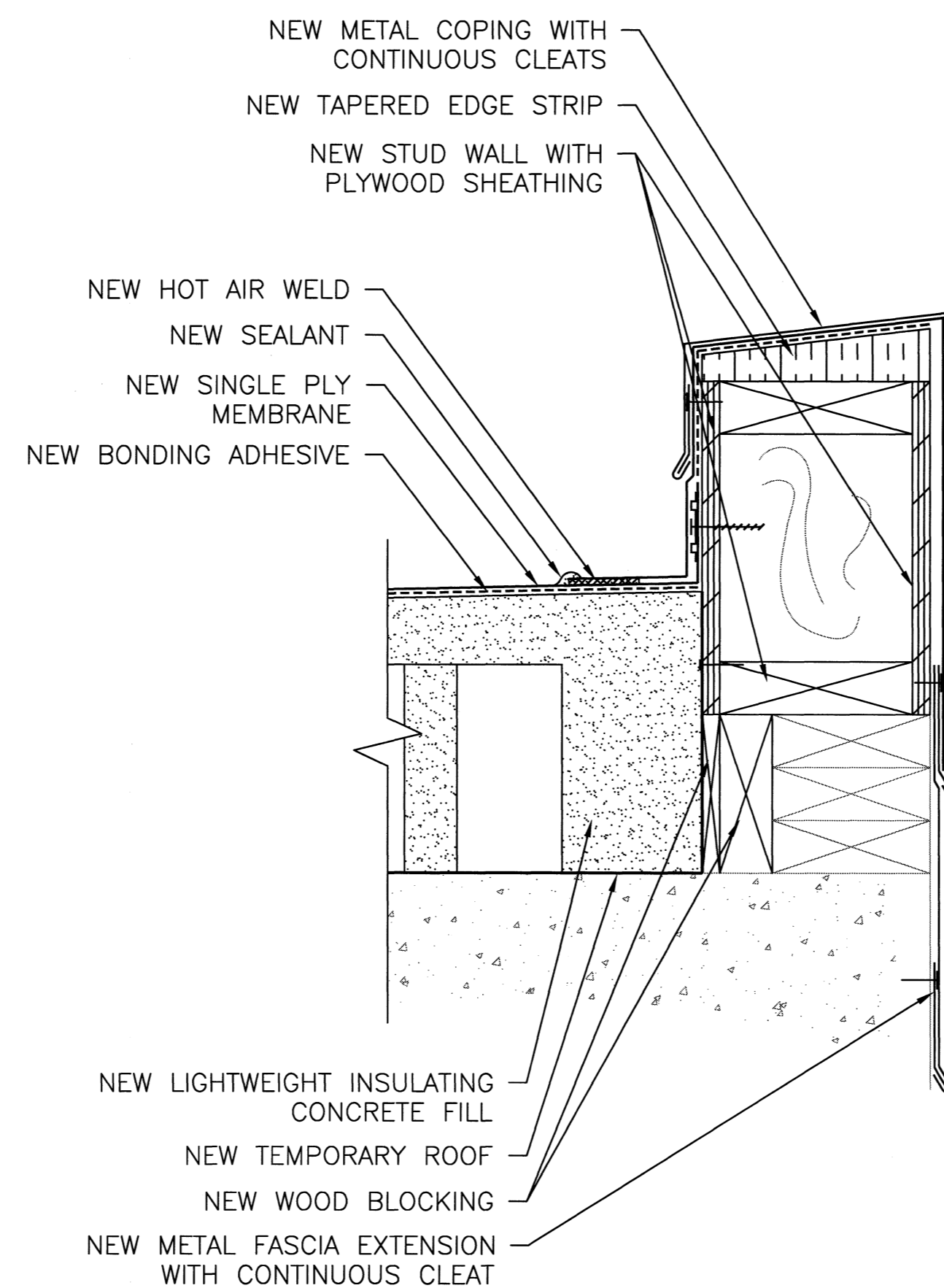
D2 PARAPET DRAIN DETAIL
(SCALE 3" = 1")
0 1" 2" 3" 4" 6"



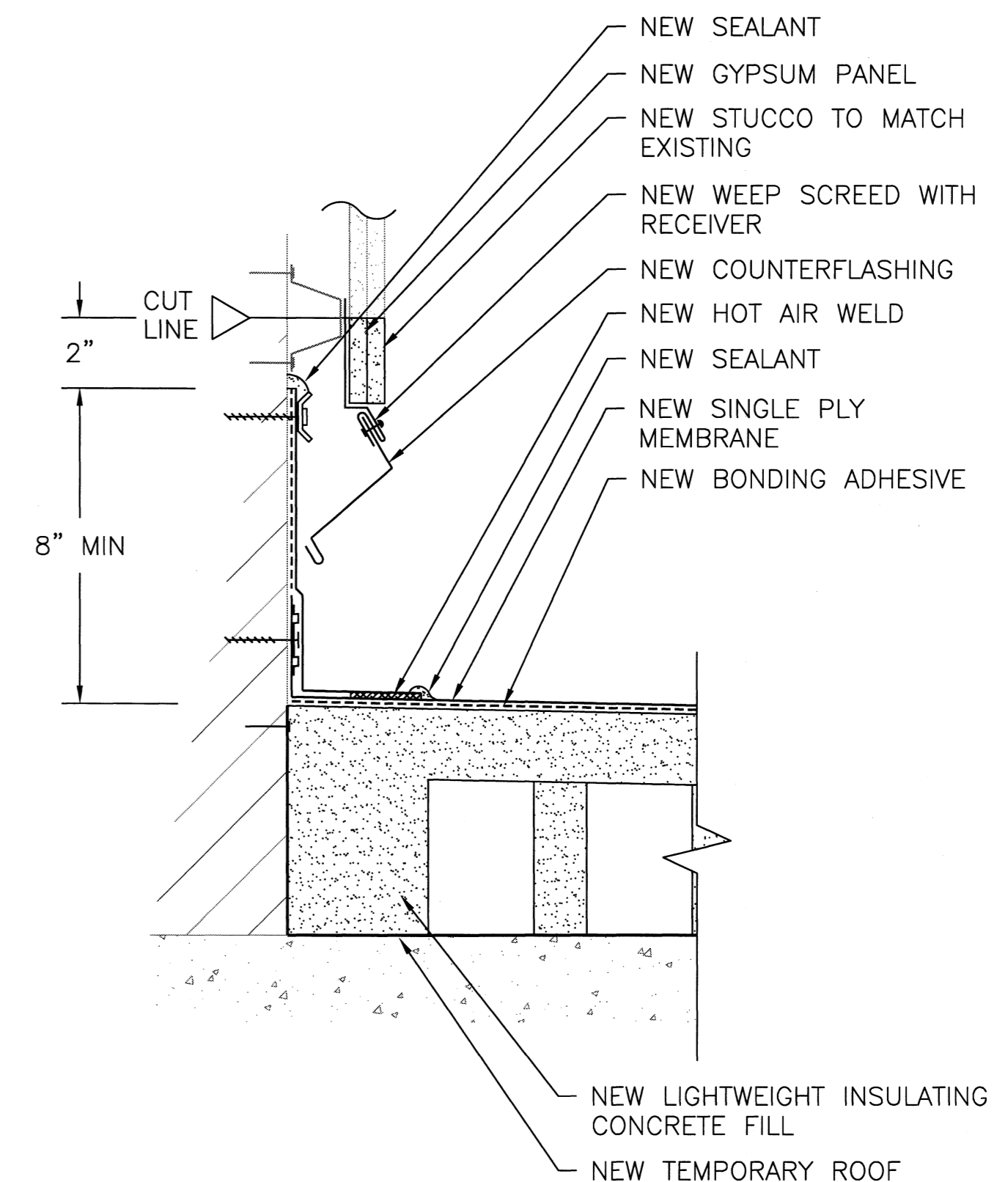
D3 NEW ROOF DRAIN DETAIL
(SCALE 3" = 1")
0 1" 2" 3" 4" 6"



D4 ROOF DRAIN DETAIL
(SCALE 3" = 1")
0 1" 2" 3" 4" 6"



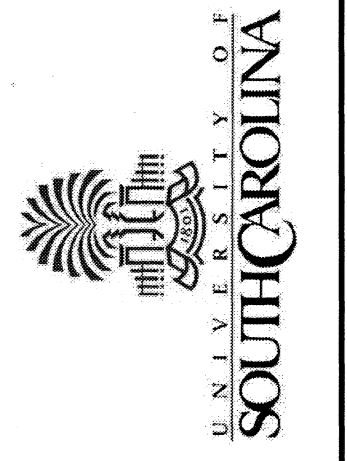
D5 PARAPET WALL DETAIL
(SCALE 3" = 1")
0 1" 2" 3" 4" 6"



D6 BASE FLASHING DETAIL (STUCCO)
(SCALE 3" = 1")
0 1" 2" 3" 4" 6"

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A **WSPARSON** COMPANY
9115 HARRIS CORNERS PARKWAY, SUITE 230
CHARLOTTE, N.C. 28269 1-800-545-6159
JACKSONVILLE • RALEIGH



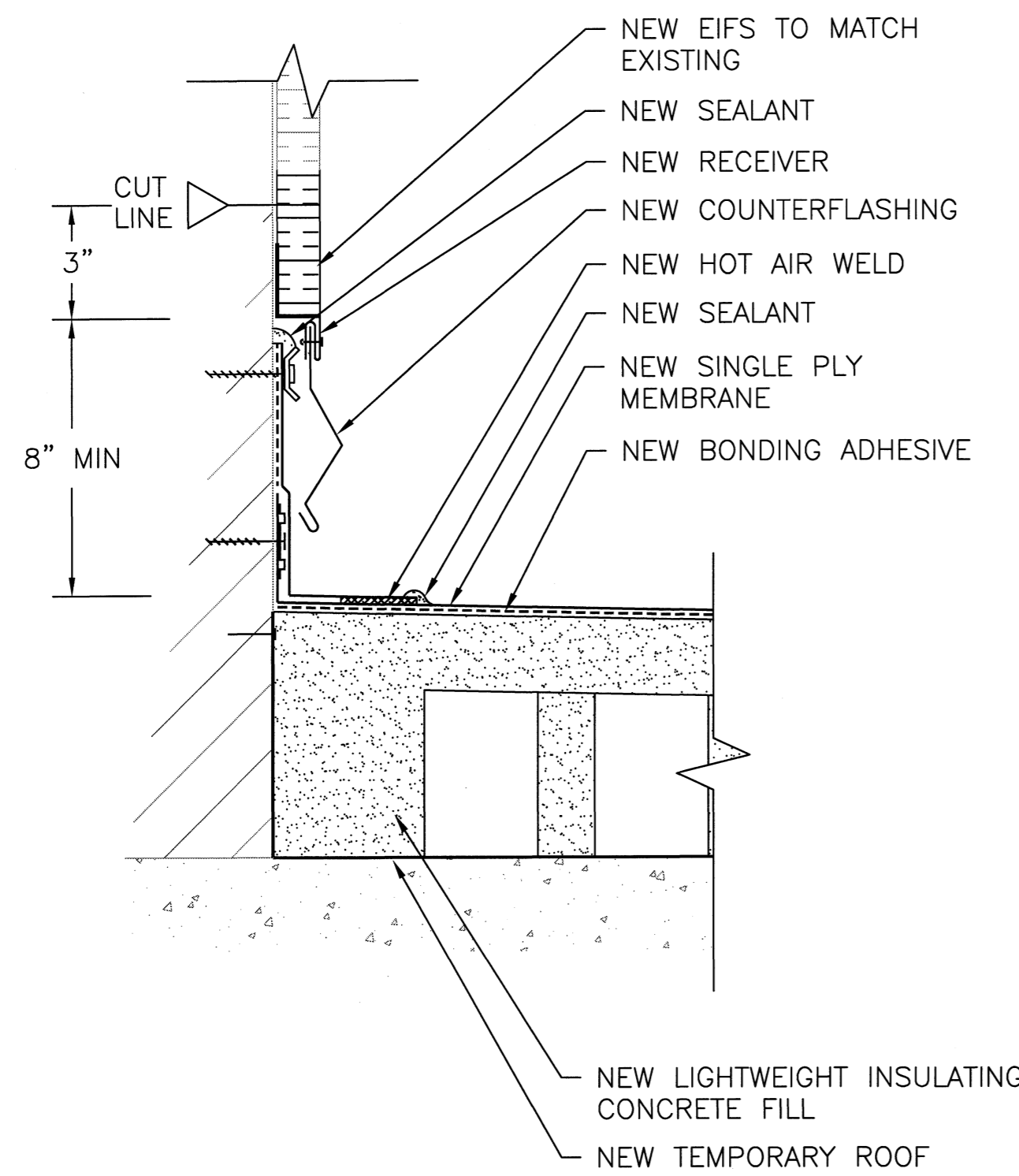
REVISIONS:

REVISION NO.	DATE	APPROVED

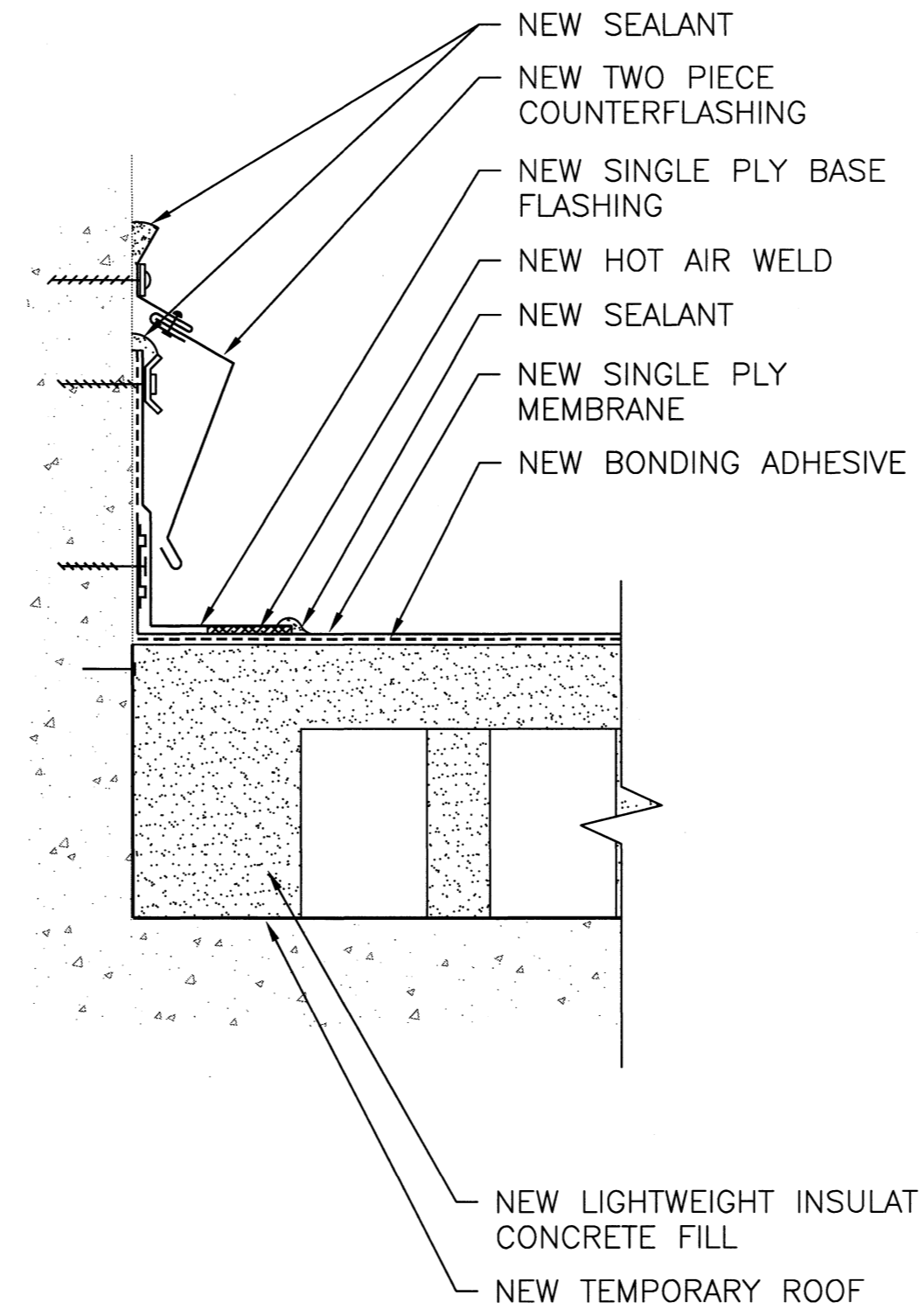
PROJECT NAME: THOMAS COOPER LIBRARY ROOF REPLACEMENT
UNIVERSITY OF SOUTH CAROLINA COLUMBIA, SOUTH CAROLINA
TITLE: ROOF DETAILS

PF NO:	FH126801
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CHKD BY:	
DATE:	08/06/12
SCALE:	AS NOTED

SHEET
R200



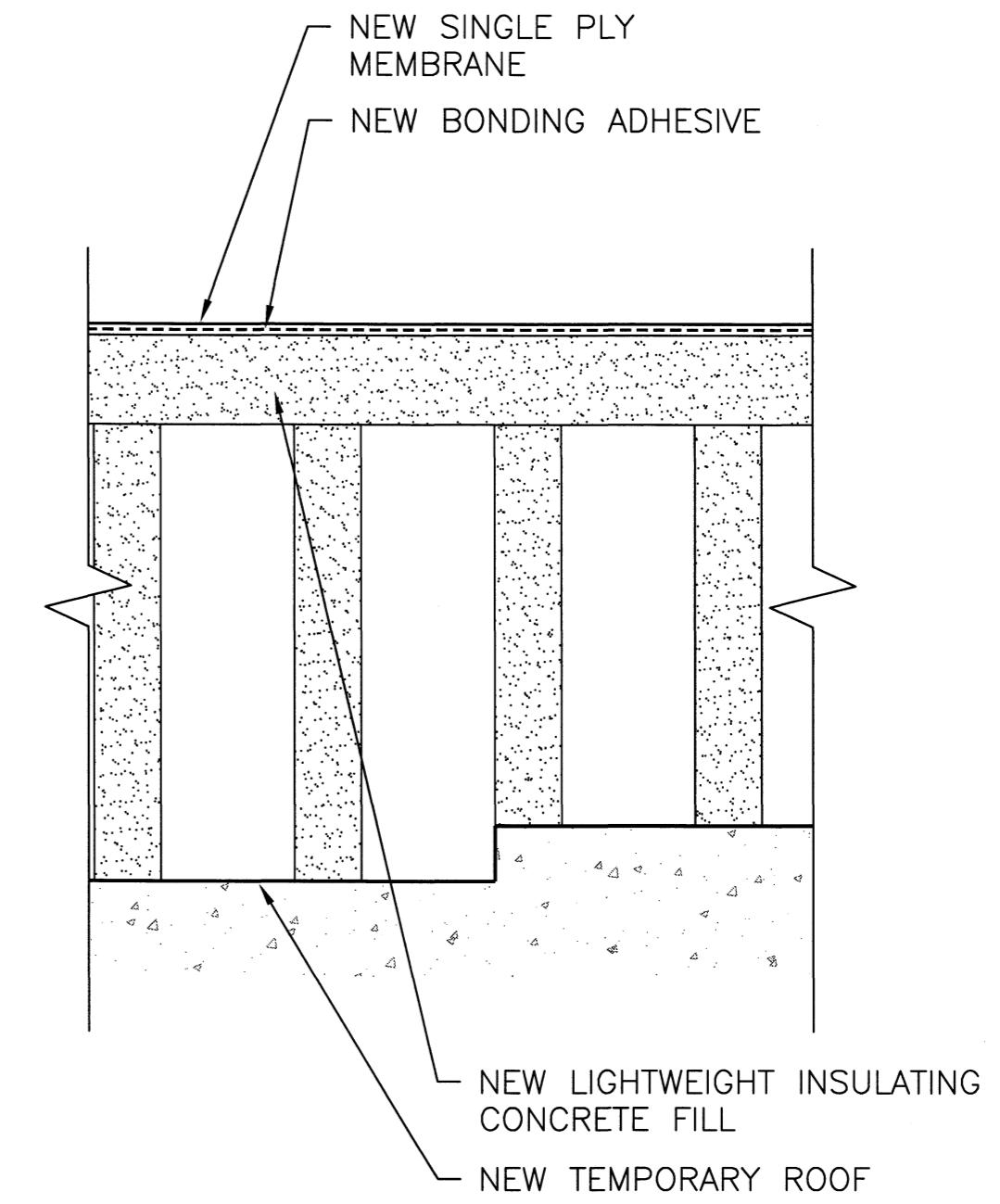
D6A BASE FLASHING DETAIL (EIFS)
(SCALE 3" = 1')



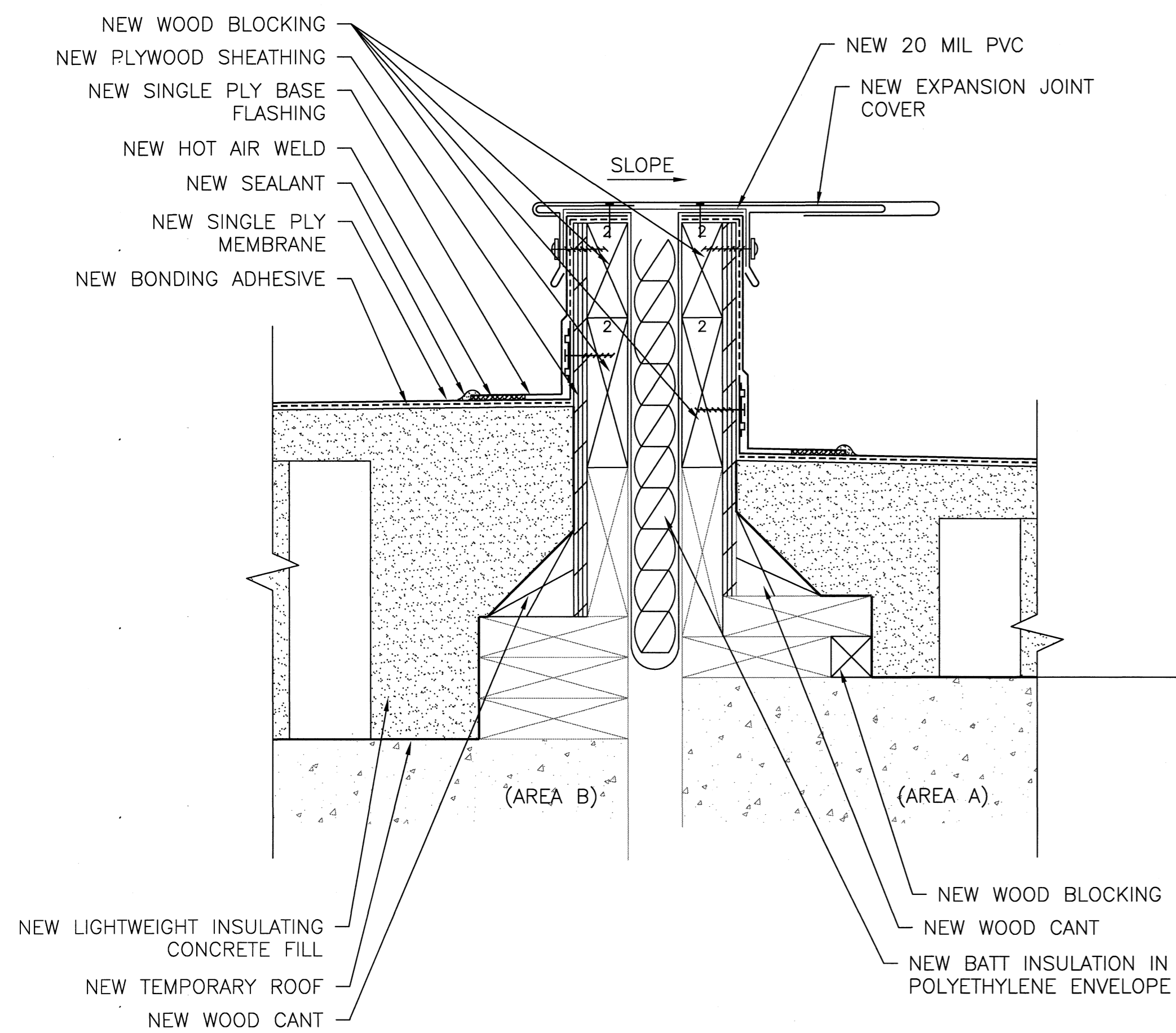
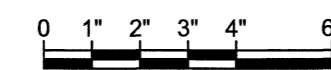
D7 COLUMN BASE FLASHING DETAIL
(SCALE 3" = 1')



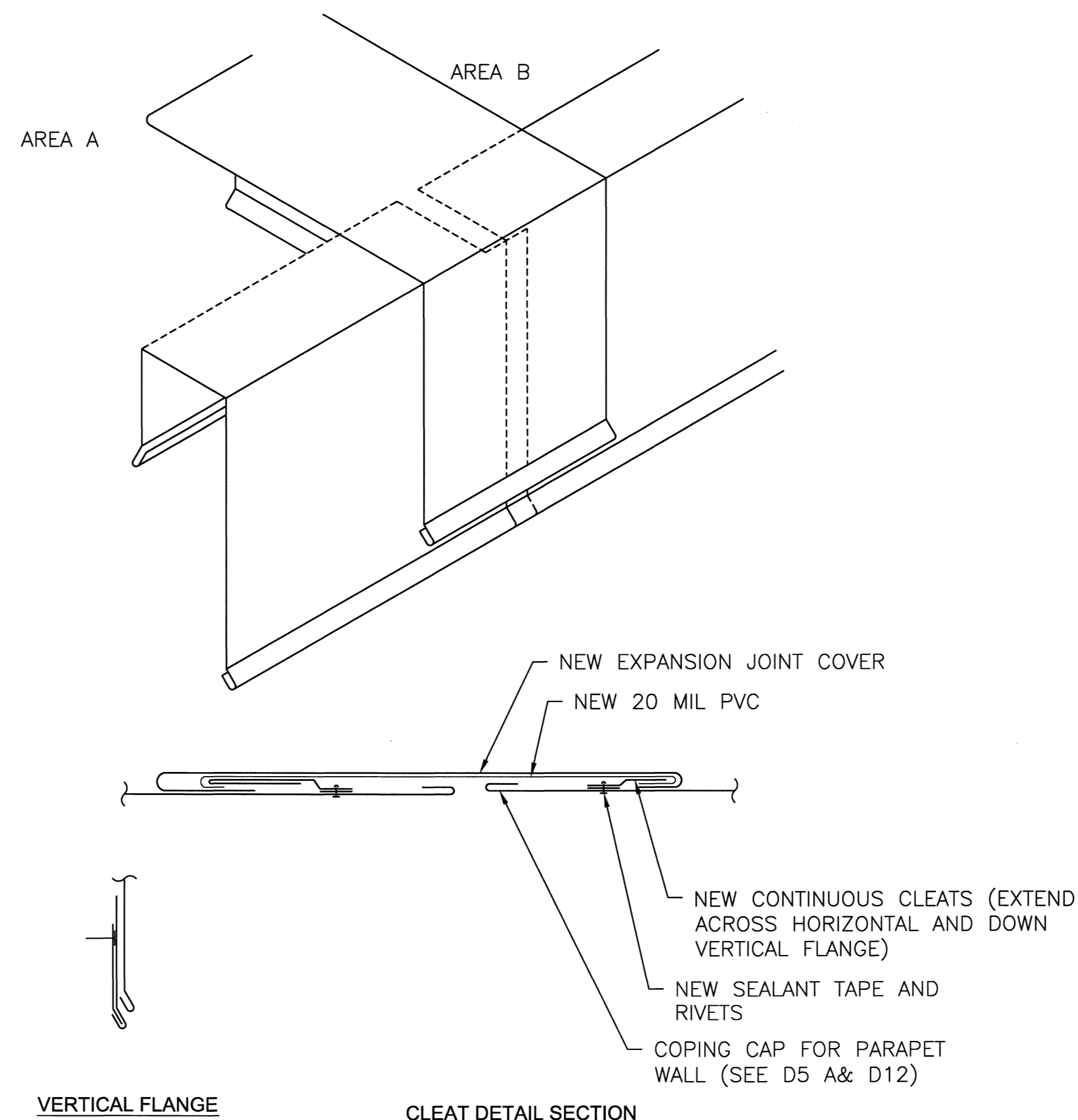
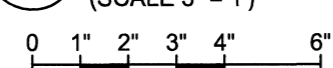
NOTE: SEE DETAIL 18 FOR EQUIPMENT SCREEN WALL MODIFICATIONS TO PROVIDE MINIMUM 8" BASE FLASHING HEIGHT.



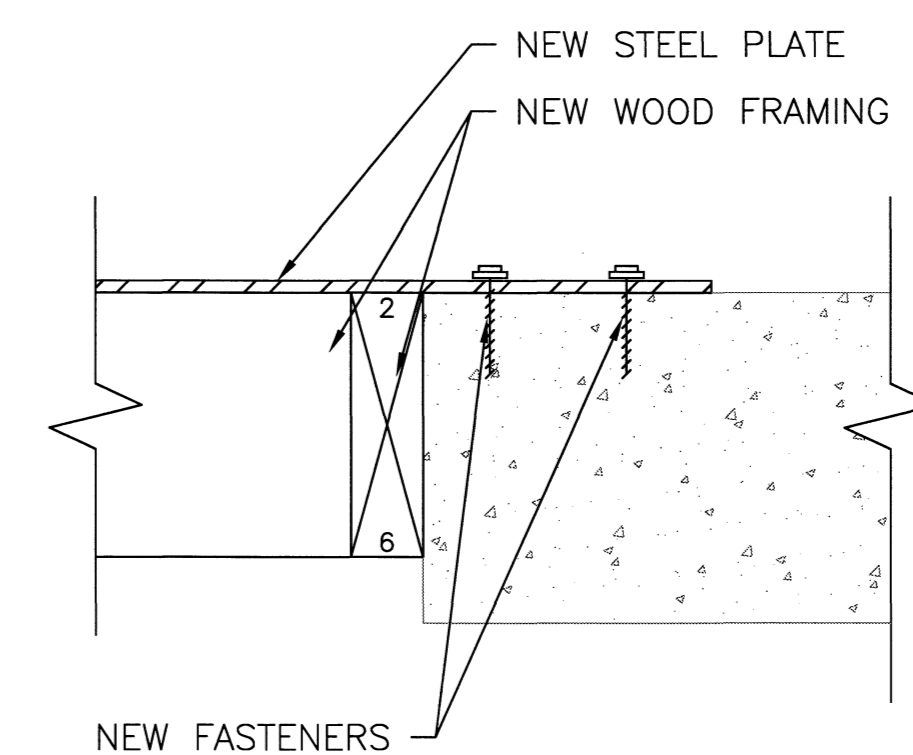
D8 DECK ELEVATION CHANGE DETAIL
(SCALE 3" = 1')



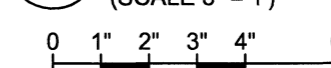
D9 EXPANSION JOINT DETAIL
(SCALE 3" = 1')



D10 EXPANSION JOINT TERMINATION DETAIL
(NOT TO SCALE)



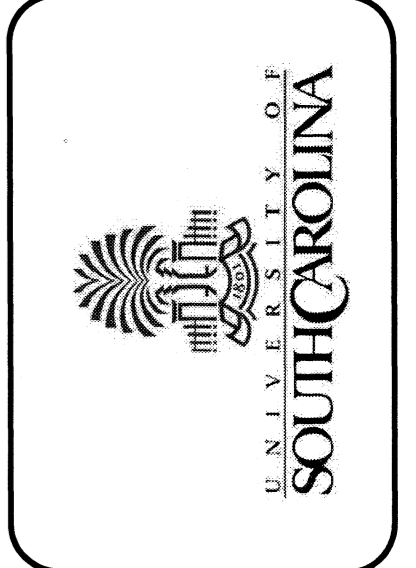
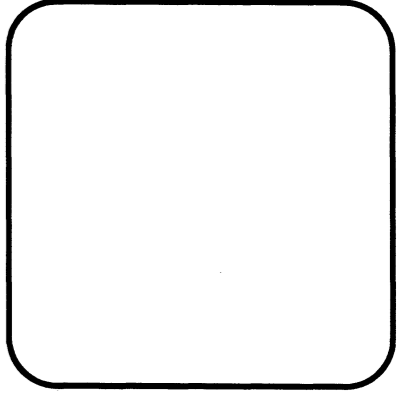
D11 COVERED CURB DETAIL
(SCALE 3" = 1')



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PROJECT NAME:
THOMAS COOPER LIBRARY
ROOF REPLACEMENT
UNIVERSITY OF SOUTH CAROLINA
COLUMBIA, SOUTH CAROLINA
TITLE:
ROOF DETAILS

PF NO:	FH126801
DWN BY:	TDW
CHKD BY:	
DATE:	08/06/12
SCALE:	AS NOTED

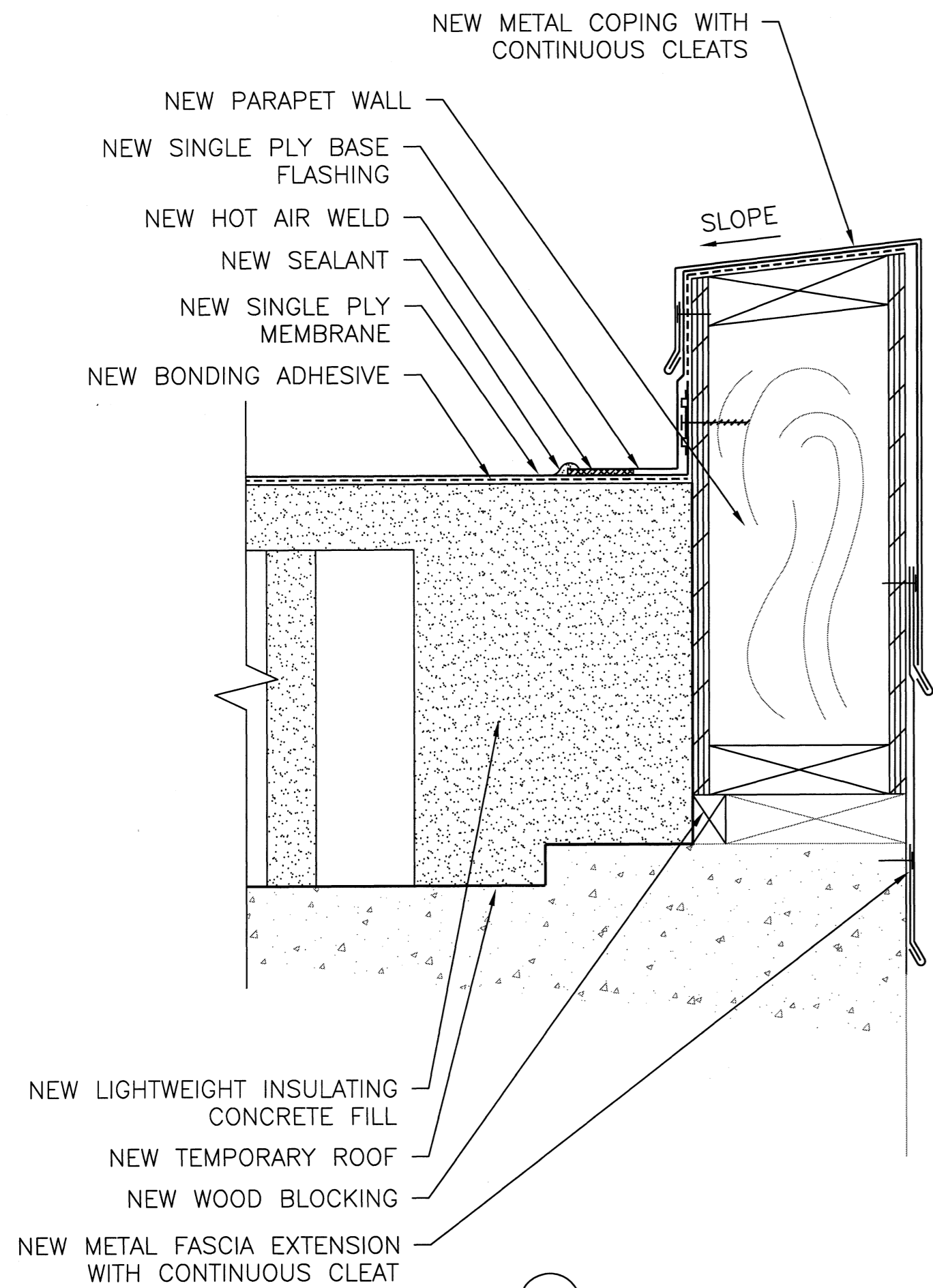


REVISIONS:	REVISION NO.	DATE	APPROVED

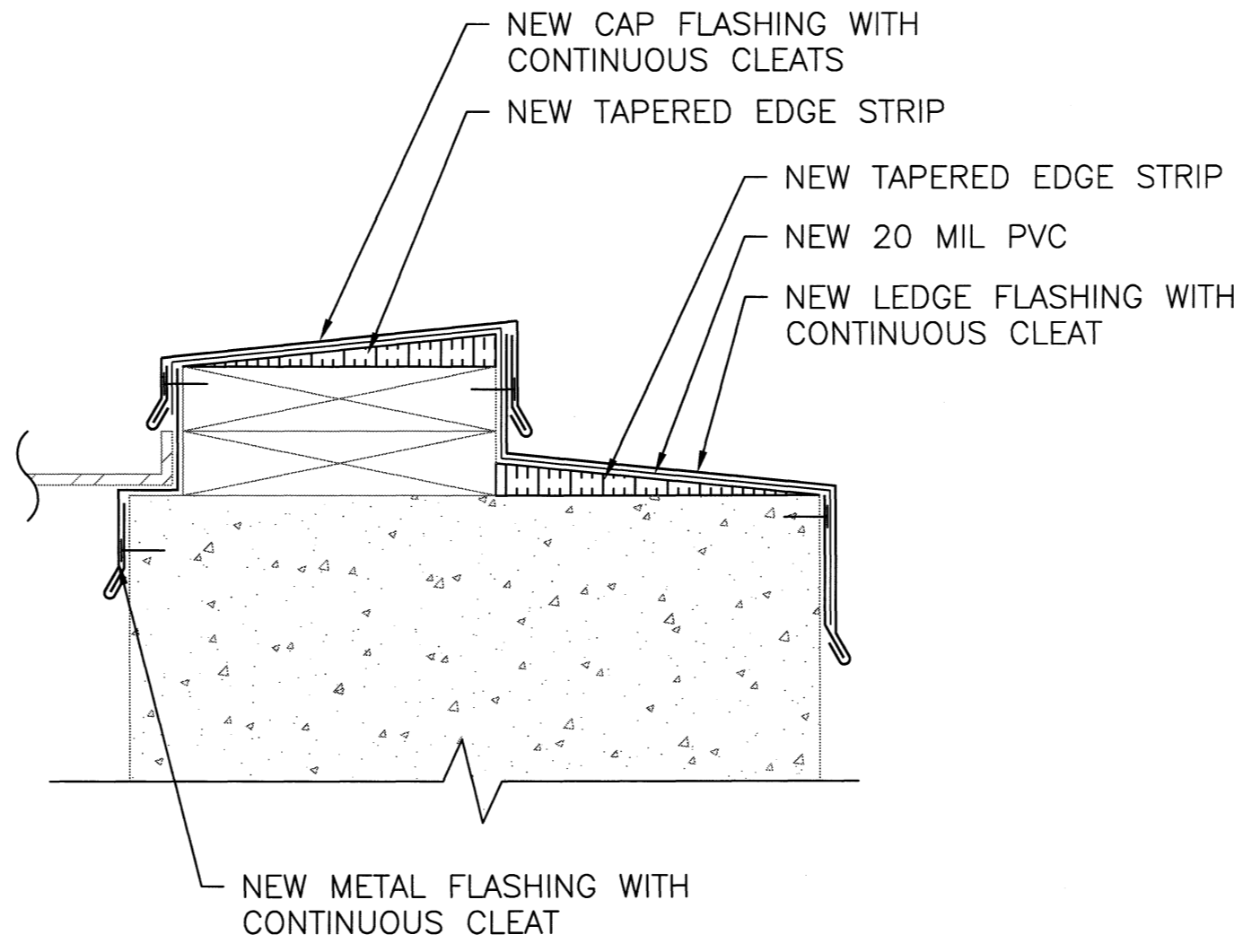
PROJECT NAME: THOMAS COOPER LIBRARY
 ROOF REPLACEMENT
 UNIVERSITY OF SOUTH CAROLINA
 COLUMBIA, SOUTH CAROLINA
 TITLE: ROOF DETAILS

PF NO:	FH126801
DWN BY:	TDW
CHKD BY:	
DATE:	08/06/12
SCALE:	AS NOTED

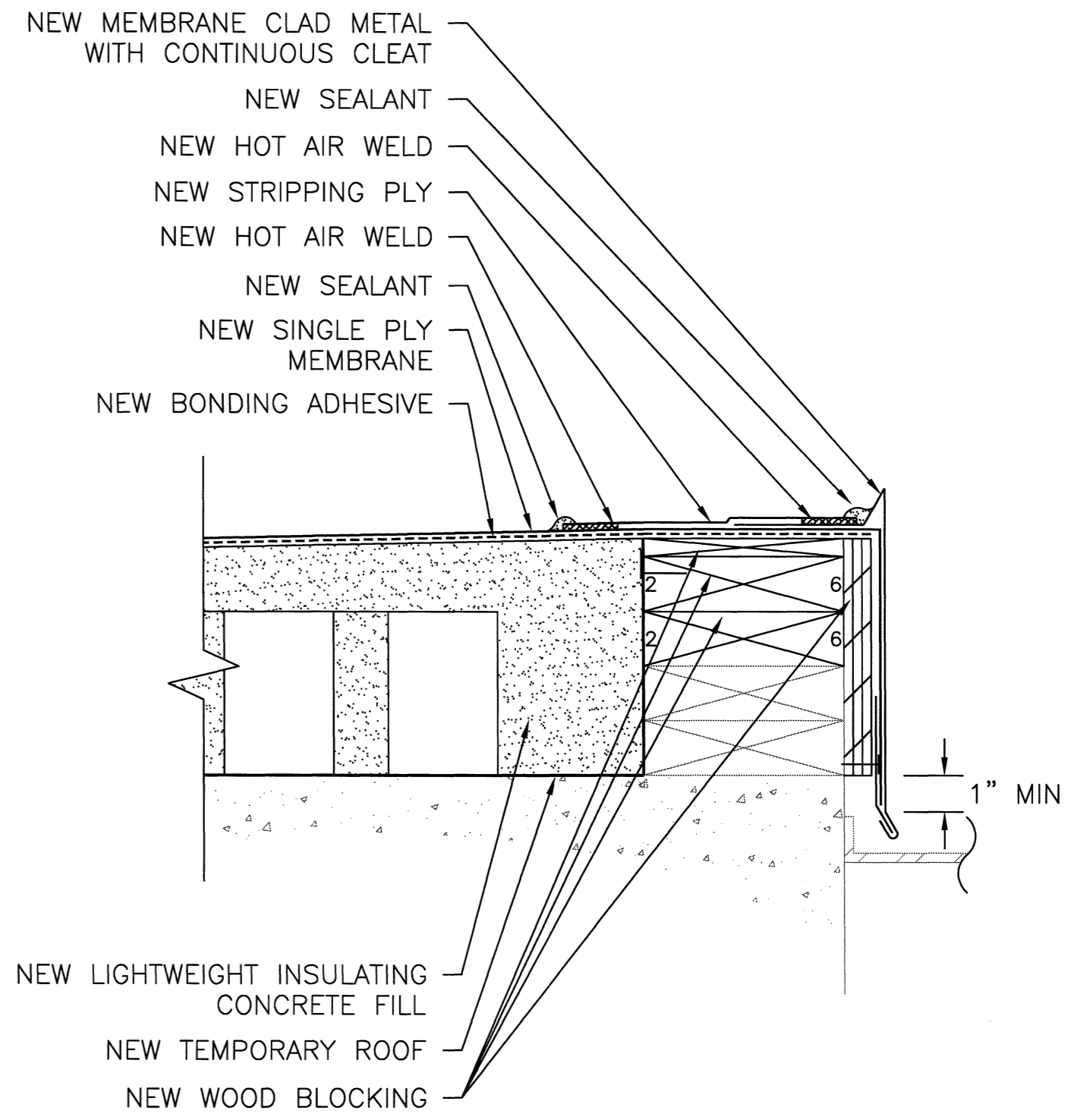
SHEET
R202



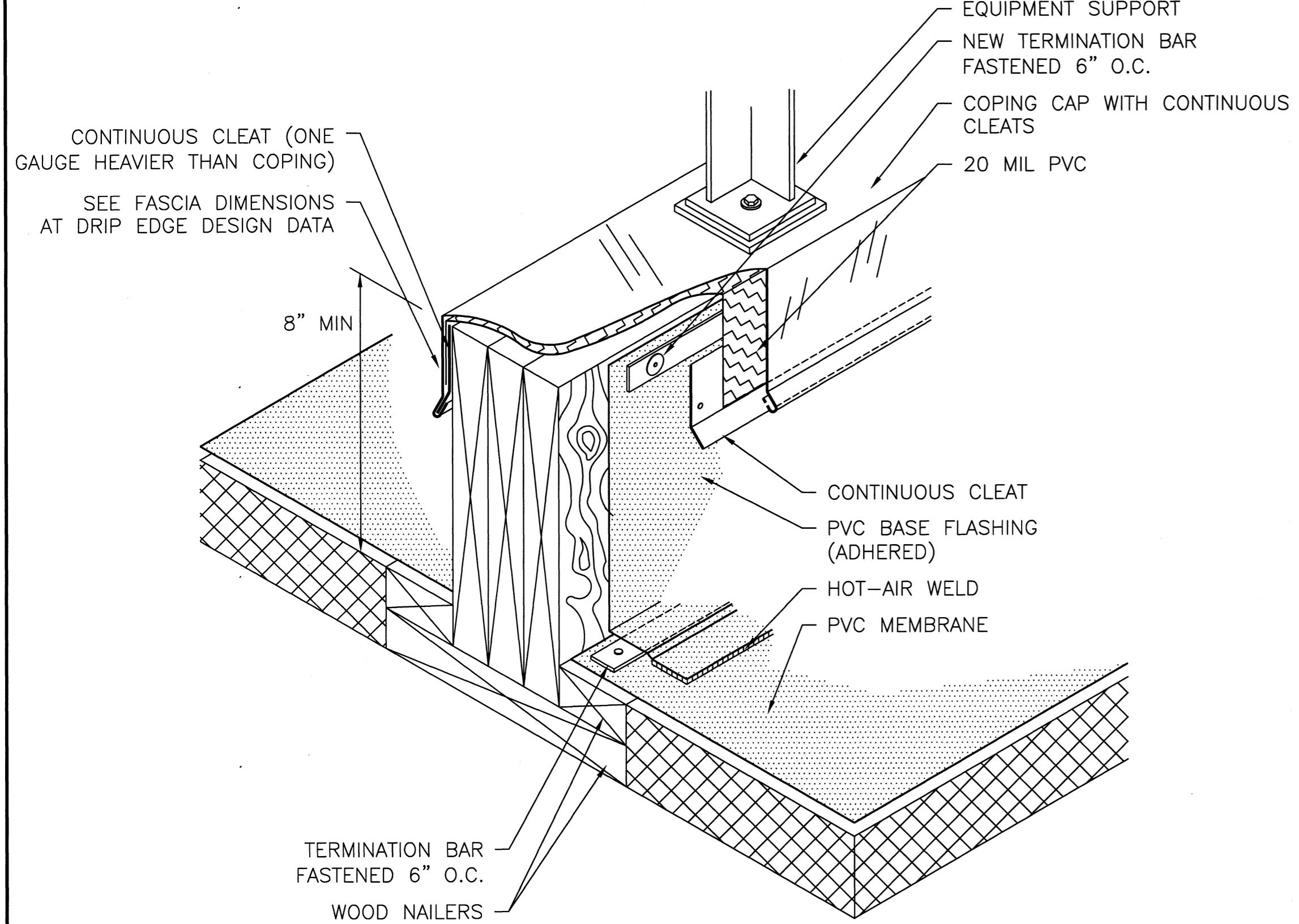
D12 PARAPET WALL DETAIL
 (SCALE 3"=1)
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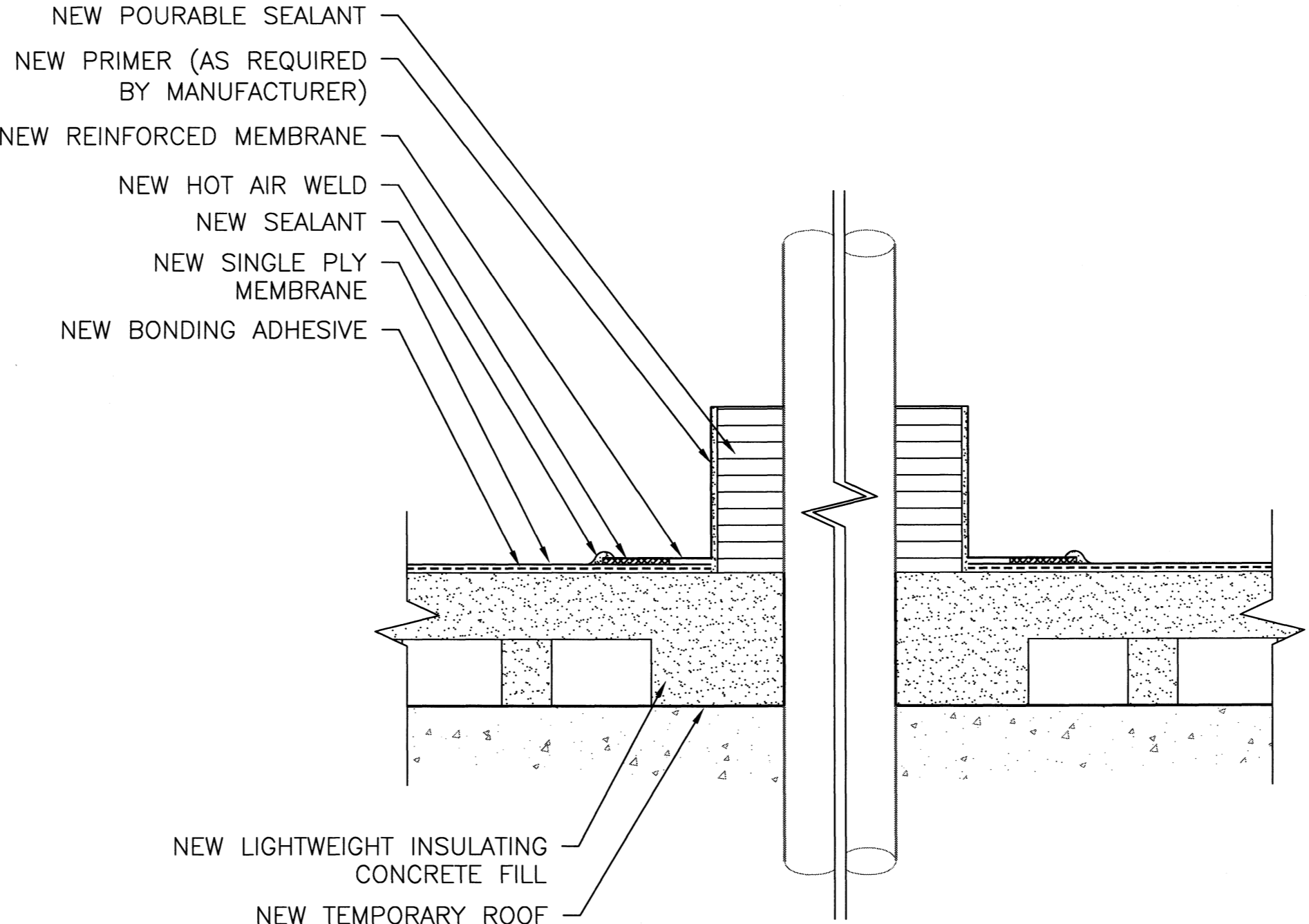
D13 GRATE FLASHING DETAIL
 (SCALE 3"=1)
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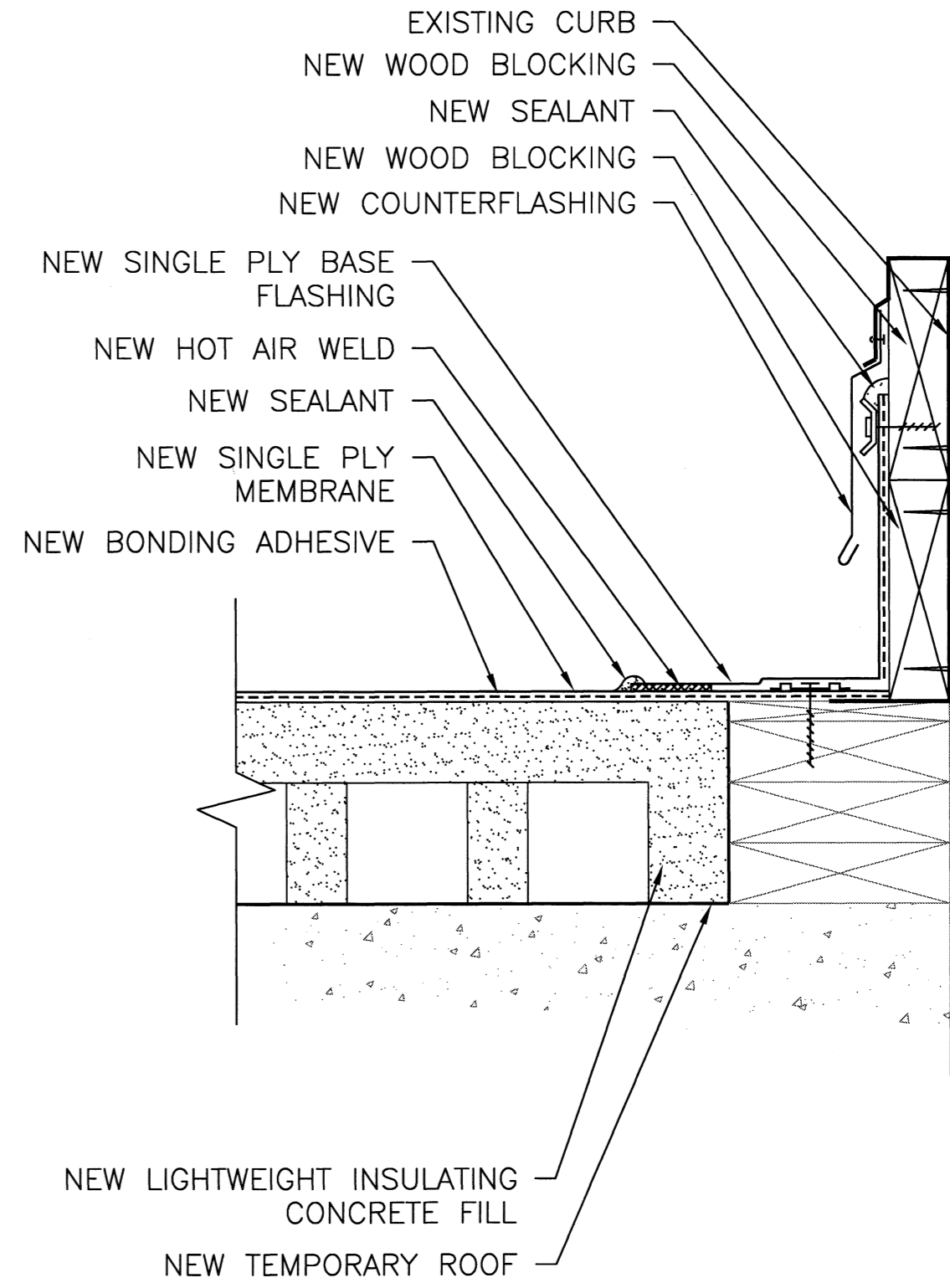
D14 ROOF EDGE AT GRATE DETAIL
 (SCALE 3"=1)
 0 1" 2" 3" 4" 6"



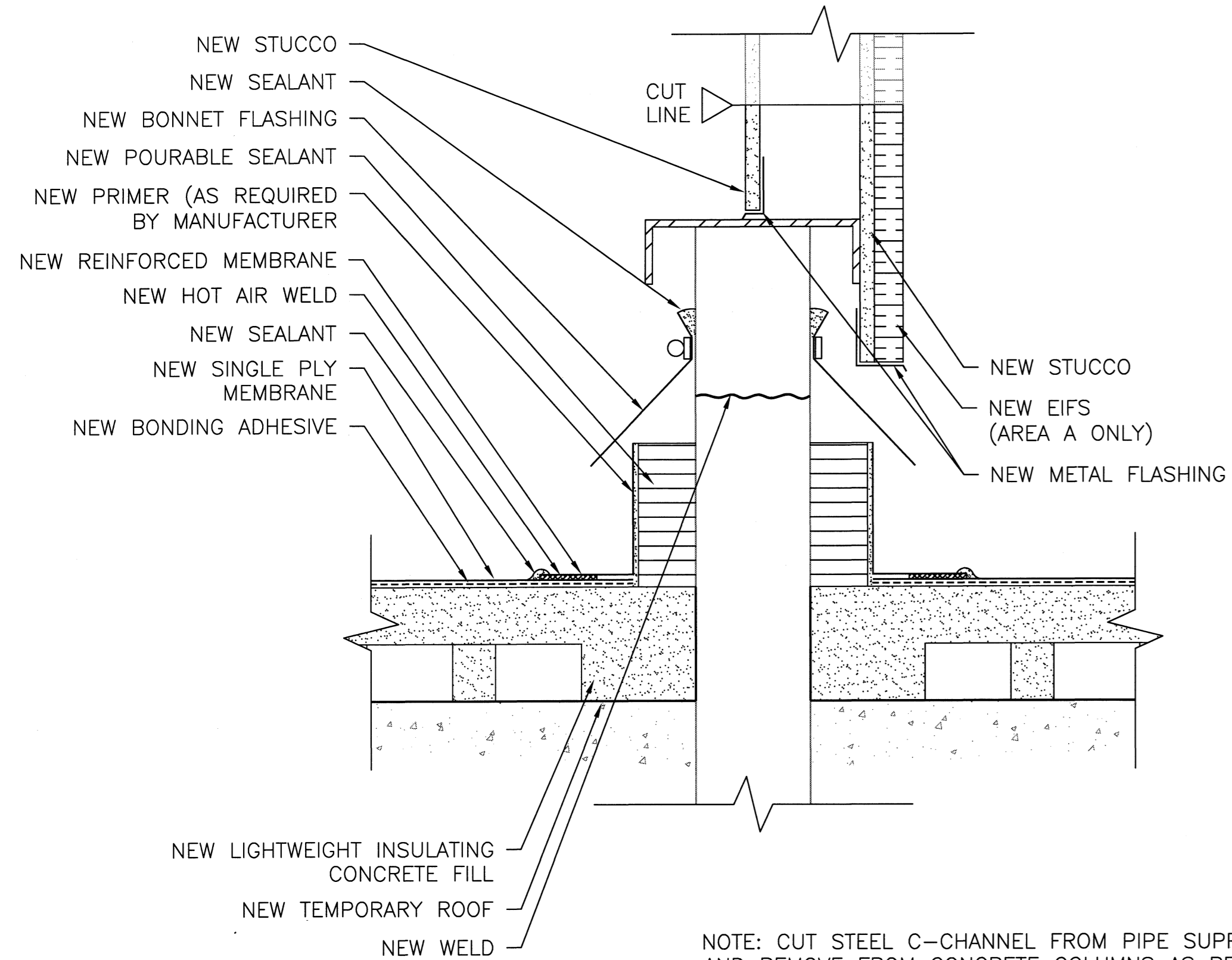
D15 FLASHED SLEEPER DETAIL
 (NOT TO SCALE)



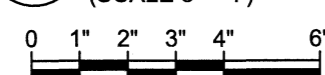
D16 PITCH PAN DETAIL
 (SCALE 3"=1)
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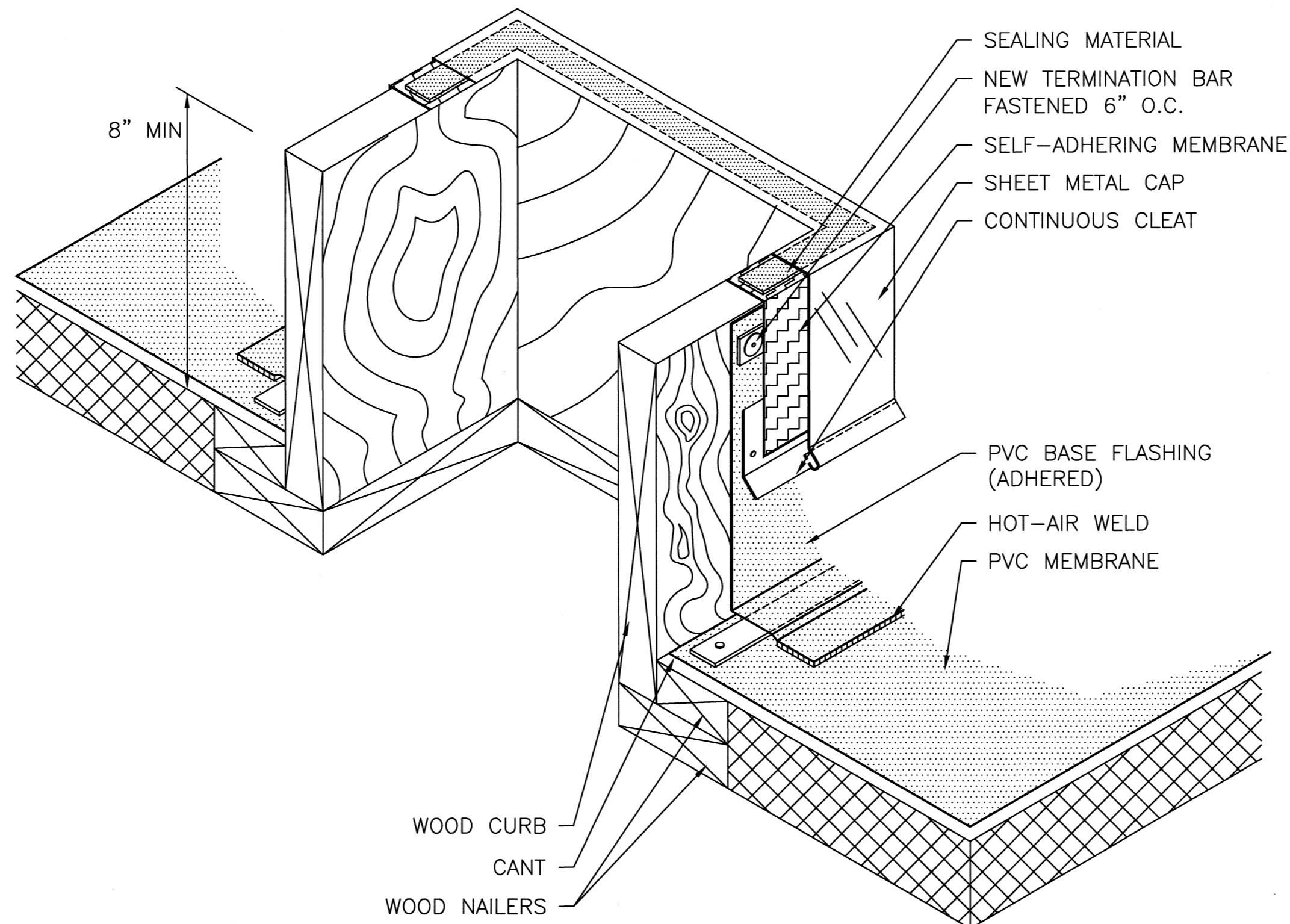
D17 ROOF HATCH DETAIL
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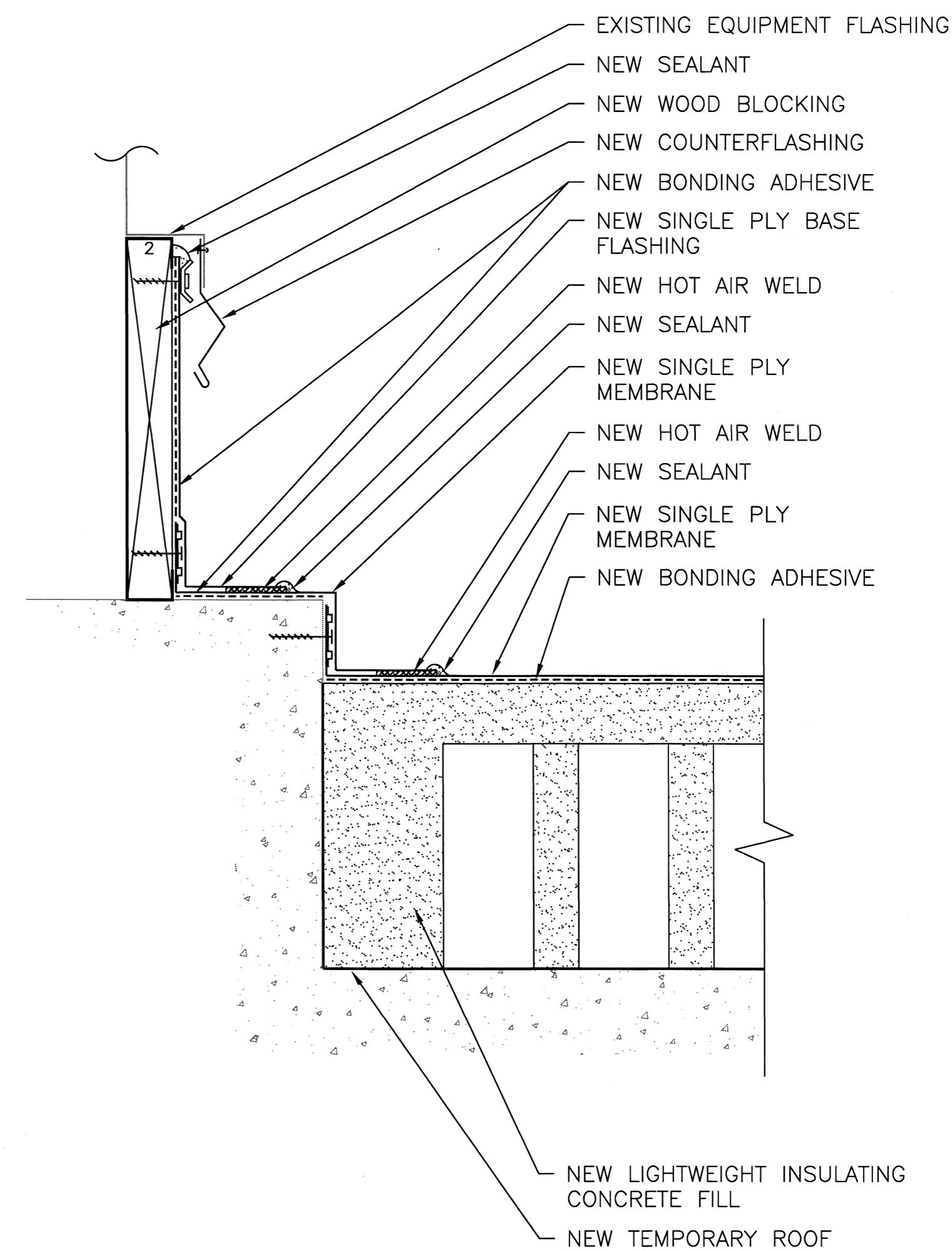
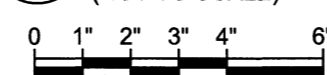
D18 EQUIPMENT SCREEN WALL MODIFICATION DETAIL
(SCALE 3" = 1')



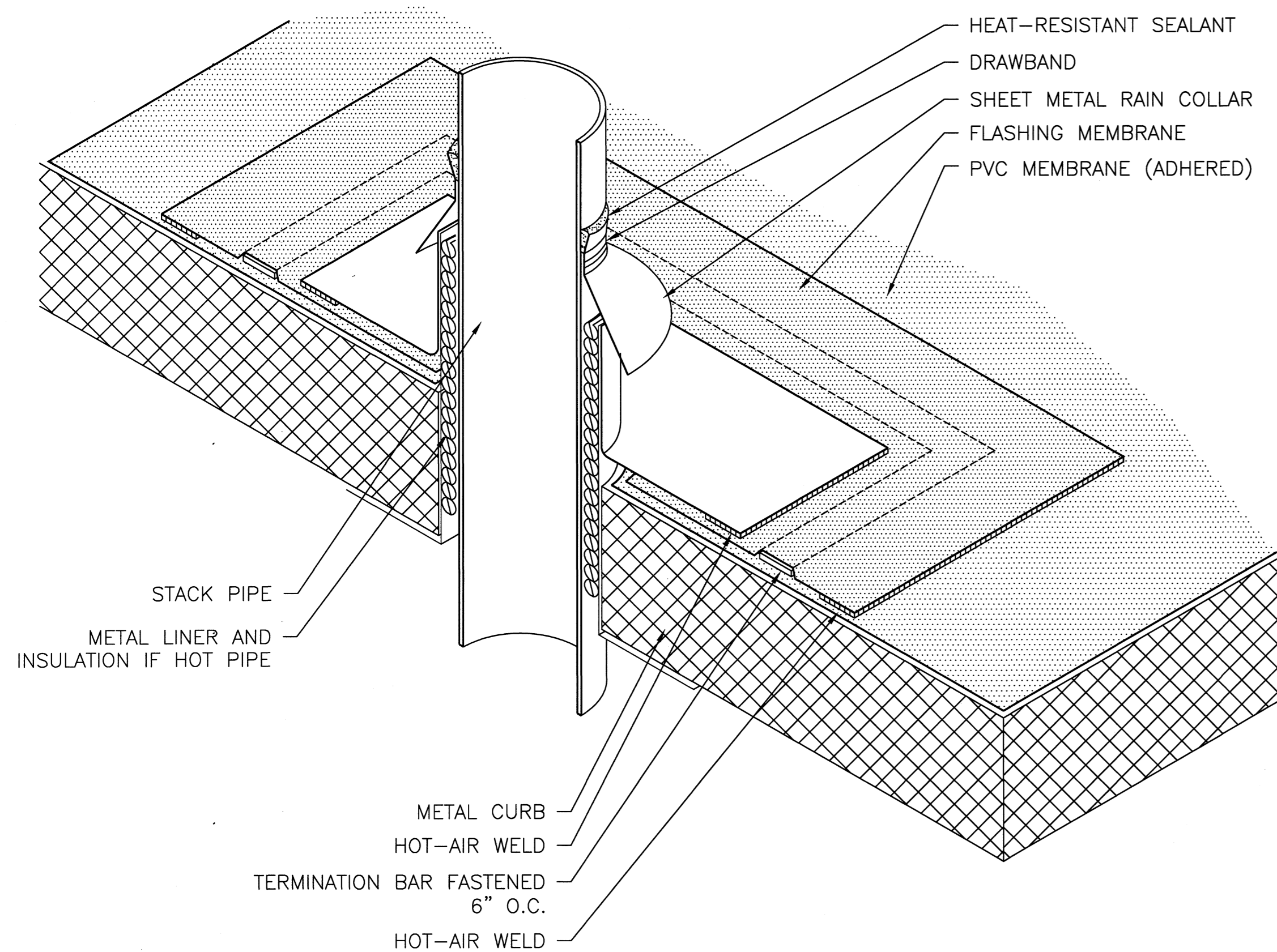
NOTE: CUT STEEL C-CHANNEL FROM PIPE SUPPORTS AND REMOVE FROM CONCRETE COLUMNS AS REQUIRED TO PROVIDE A MINIMUM OF 8" BASE FLASHING HEIGHT AT COLUMNS, MAINTAINING LEVEL PROFILE OF BOTTOM OF WALL AT ENTIRE PERIMETER.



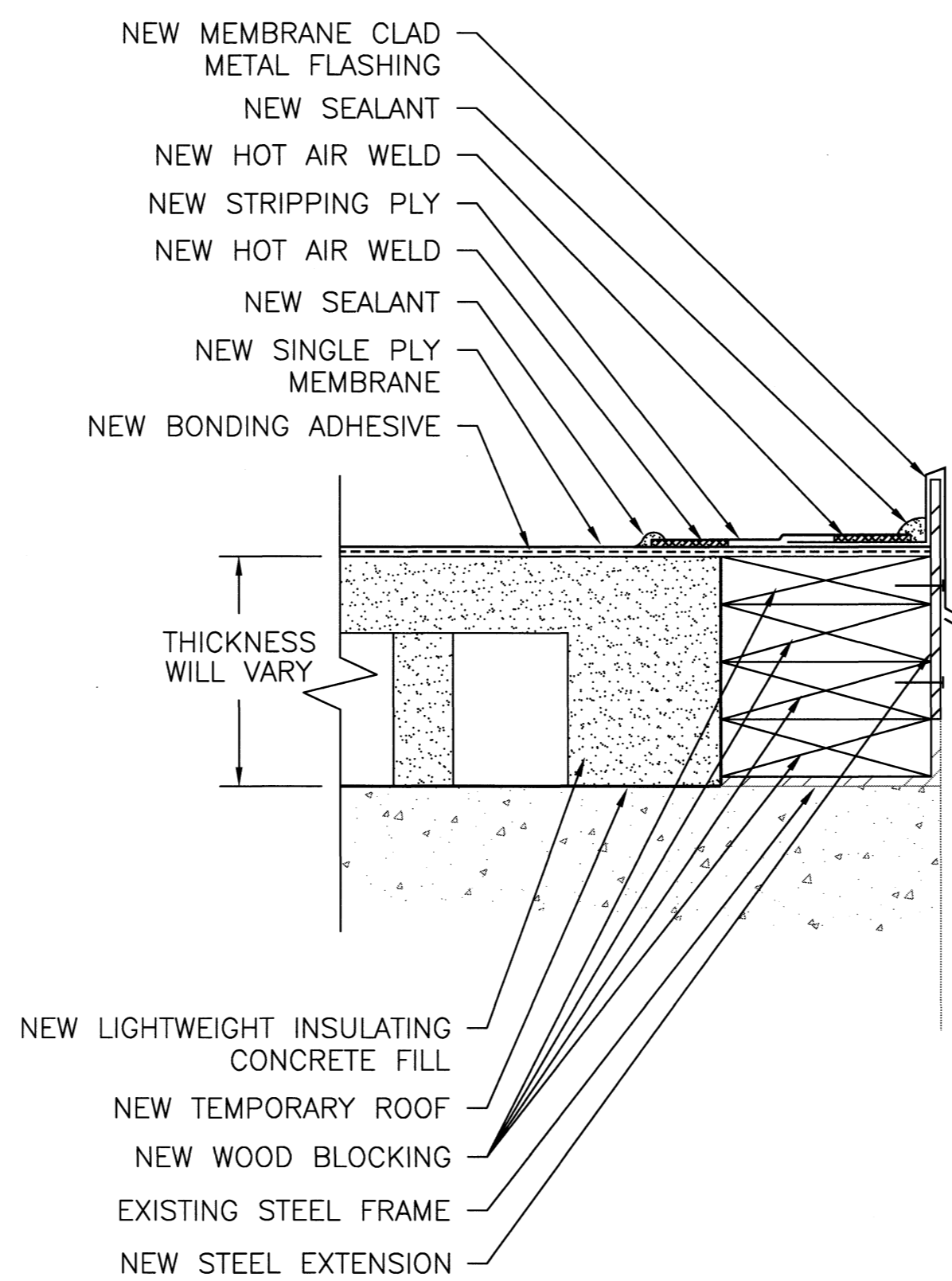
D19 EQUIPMENT CURB DETAIL
(NOT TO SCALE)



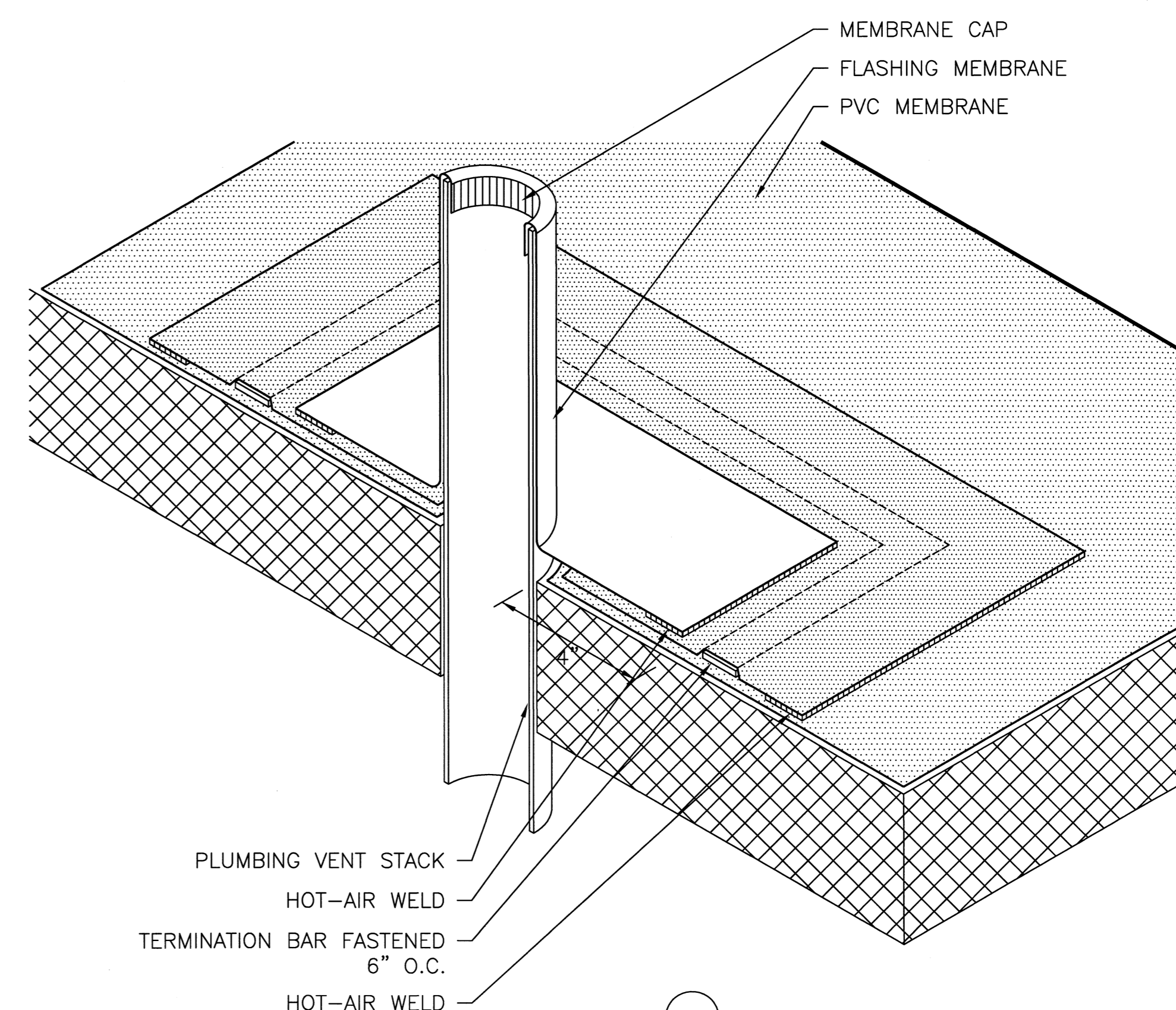
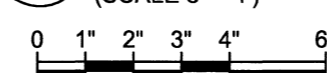
D20 EQUIPMENT CURB DETAIL
(SCALE 3" = 1')



D21 HOT STACK DETAIL
(NOT TO SCALE)



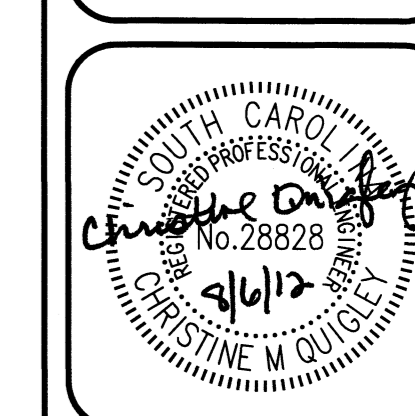
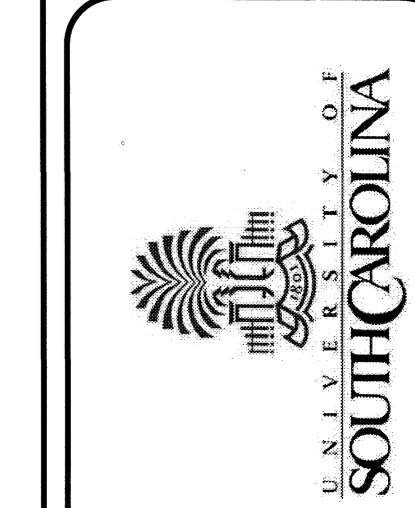
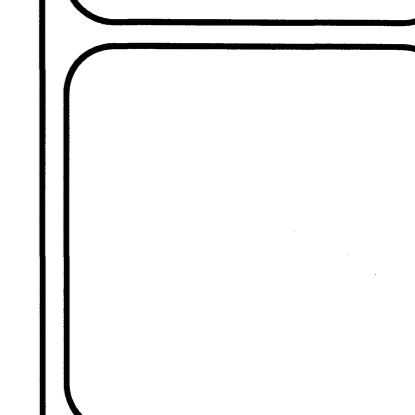
D22 LIGHT FLASHING DETAIL
(SCALE 3" = 1')



D23 SANITARY VENT DETAIL
(NOT TO SCALE)

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PROJECT NAME: THOMAS COOPER LIBRARY
ROOF REPLACEMENT
UNIVERSITY OF SOUTH CAROLINA
COLUMBIA, SOUTH CAROLINA
FILE: ROOF DETAILS

PF NO:	FH126801
DWN BY:	TDW
CHKD BY:	
DATE:	08/06/12
SCALE:	AS NOTED

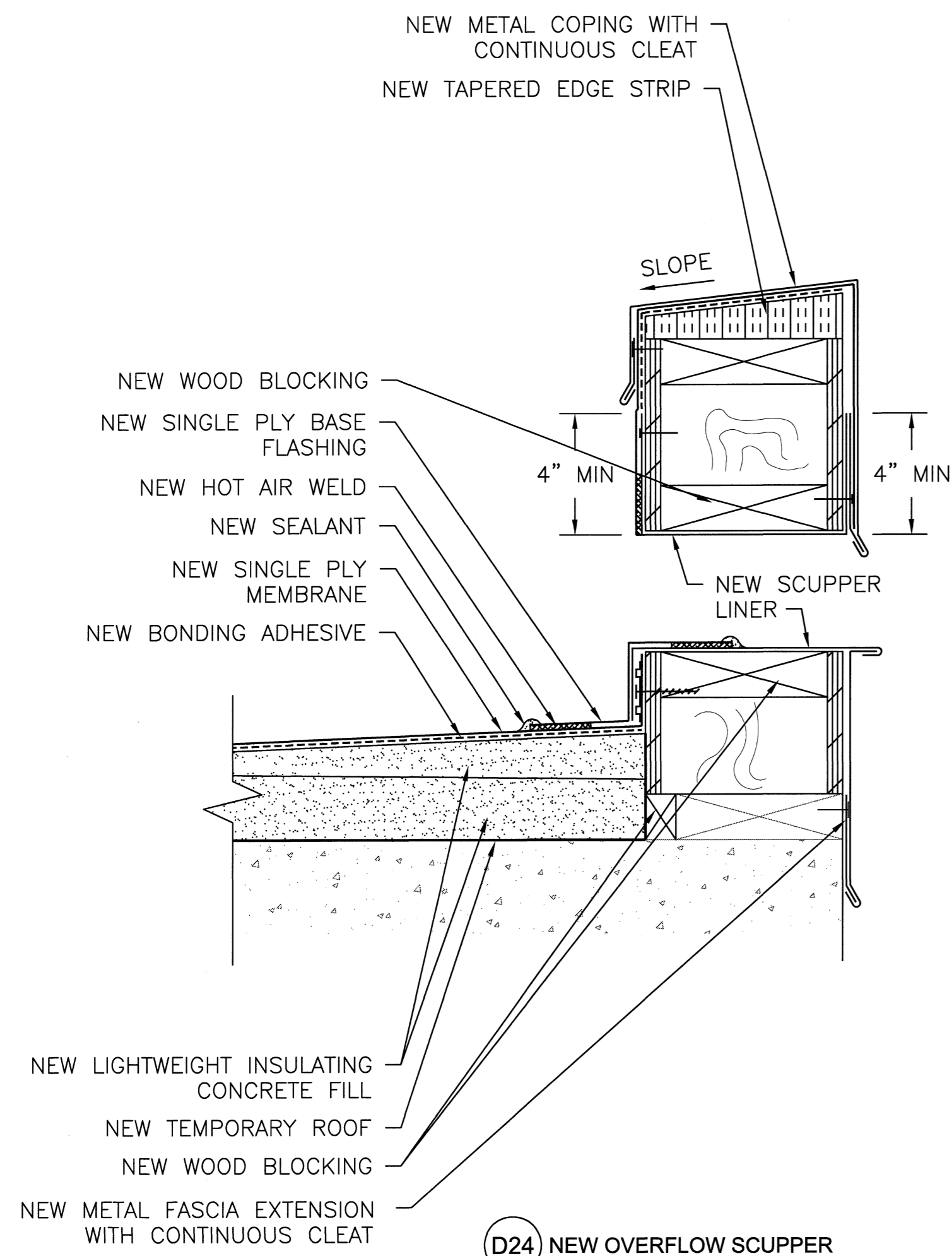
SHEET
R203

REVISIONS:	REVISION NO.	DATE	APPROVED

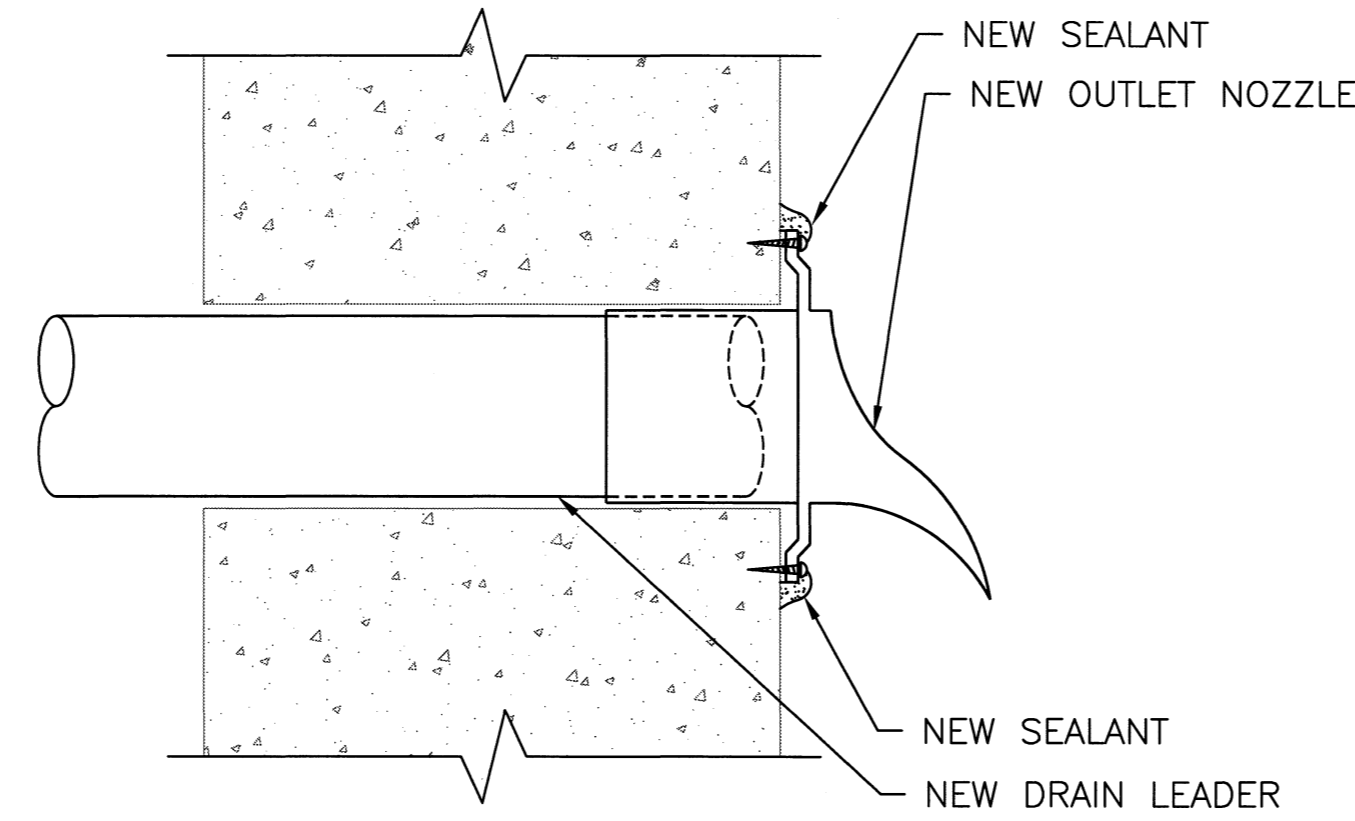
PROJECT NAME: THOMAS COOPER LIBRARY
 ROOF REPLACEMENT
 UNIVERSITY OF SOUTH CAROLINA
 COLUMBIA, SOUTH CAROLINA
 TITLE: ROOF DETAILS

PF NO: FH126801
 DWN BY: TDW
 CHKD BY:
 DATE: 08/06/12
 SCALE: AS NOTED

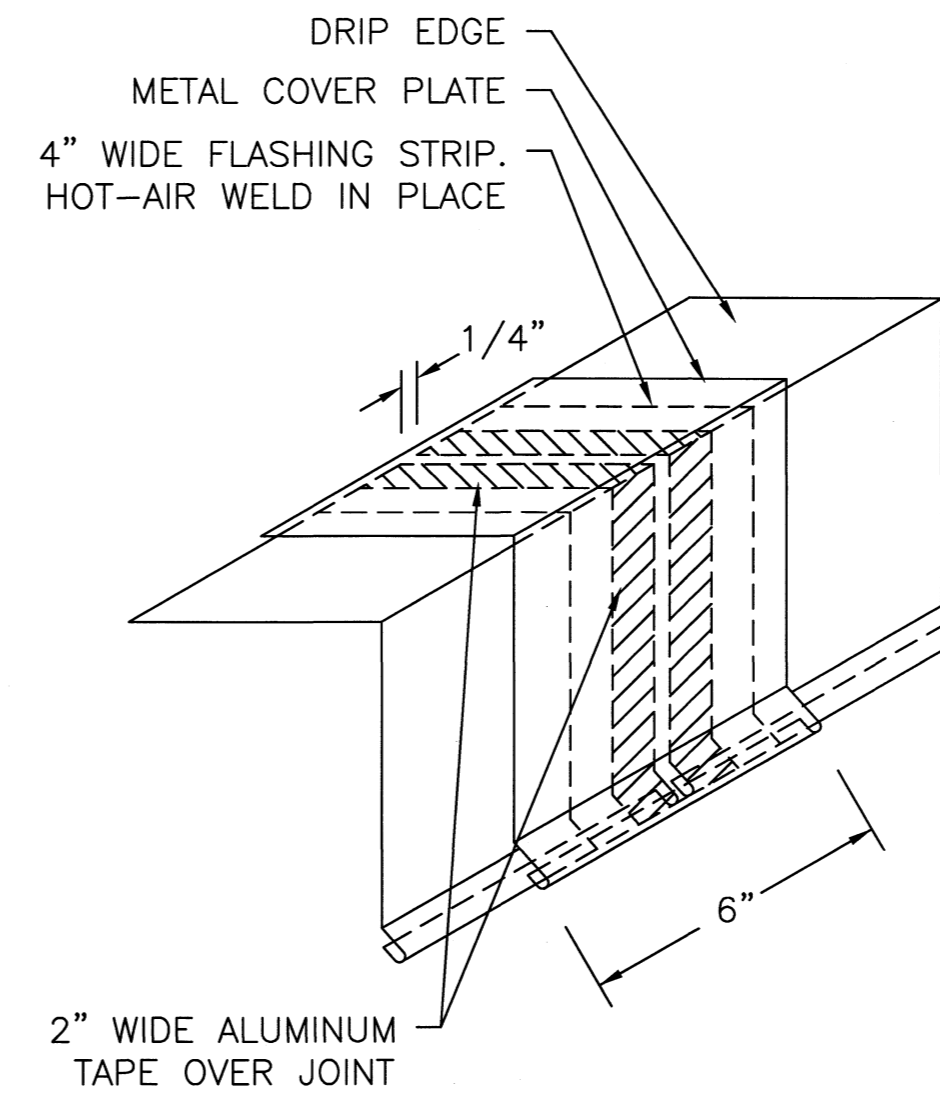
SHEET
R204



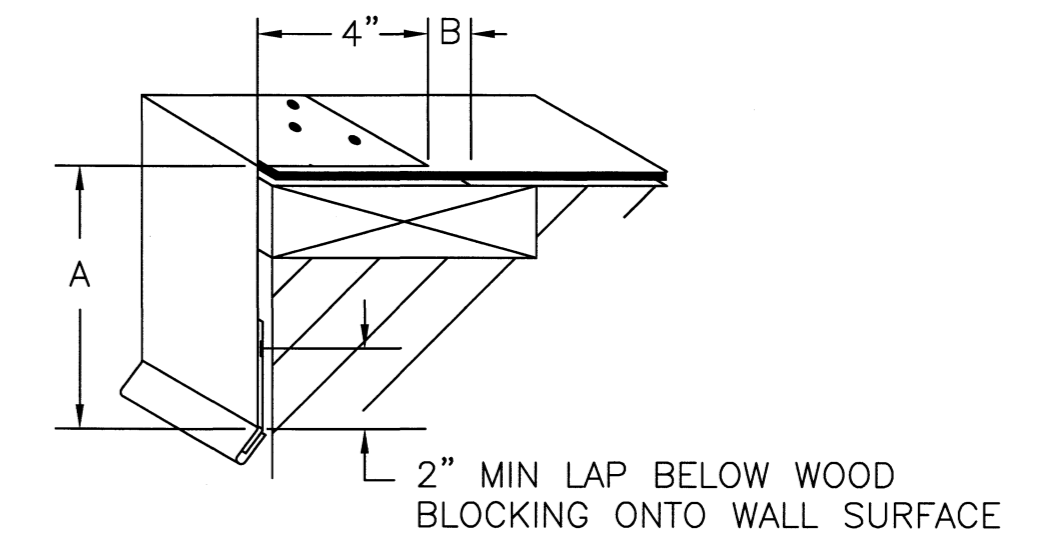
D24 NEW OVERFLOW SCUPPER
 (SCALE 3" = 1)



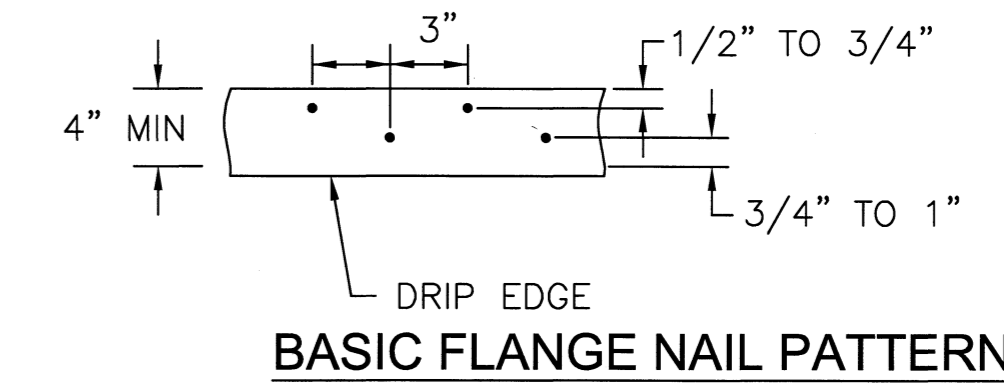
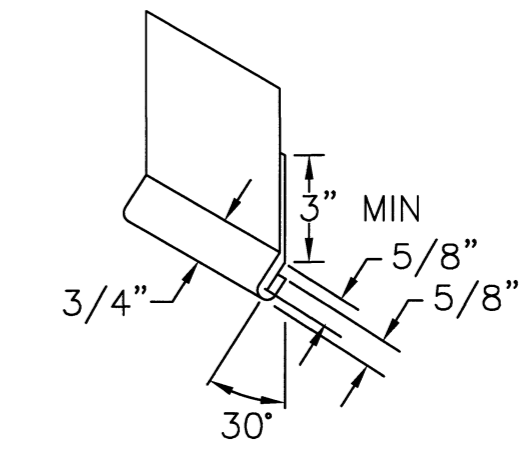
D25 NEW DRAIN LEADER
 (NOT TO SCALE)



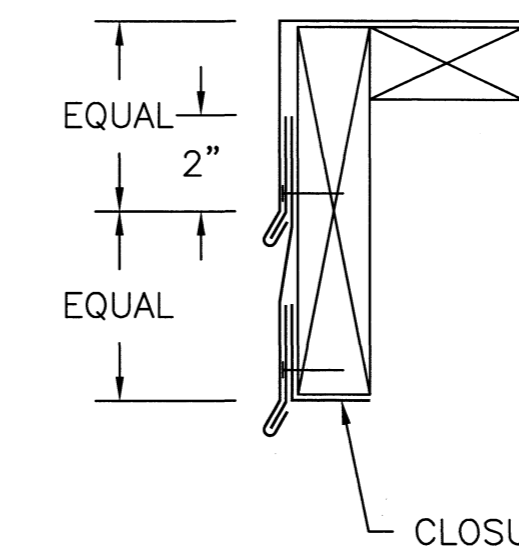
D26 DRIP EDGE/FASCIA DETAILS (TYPICAL)
 (NOT TO SCALE)



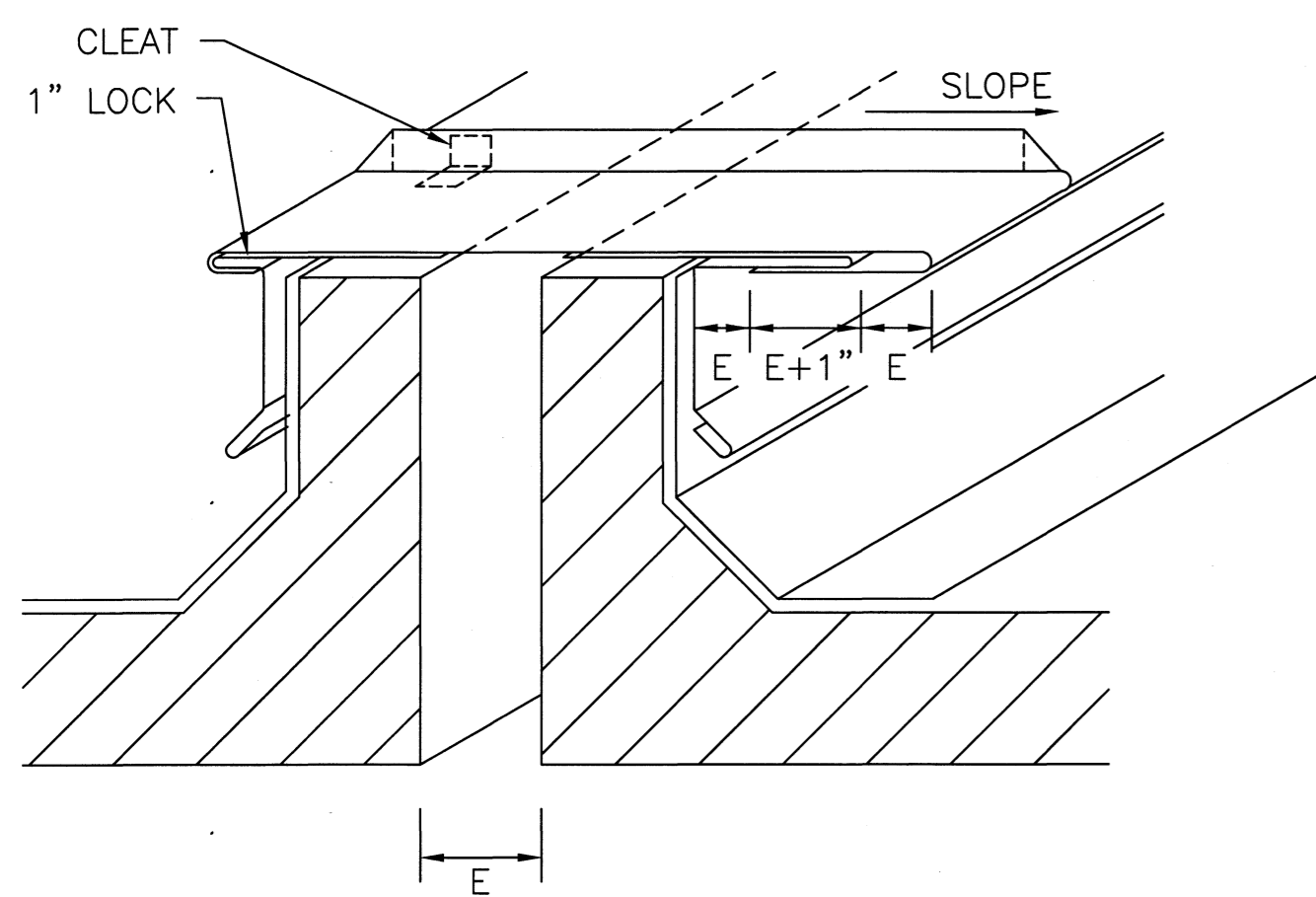
FASCIA DIMENSIONS



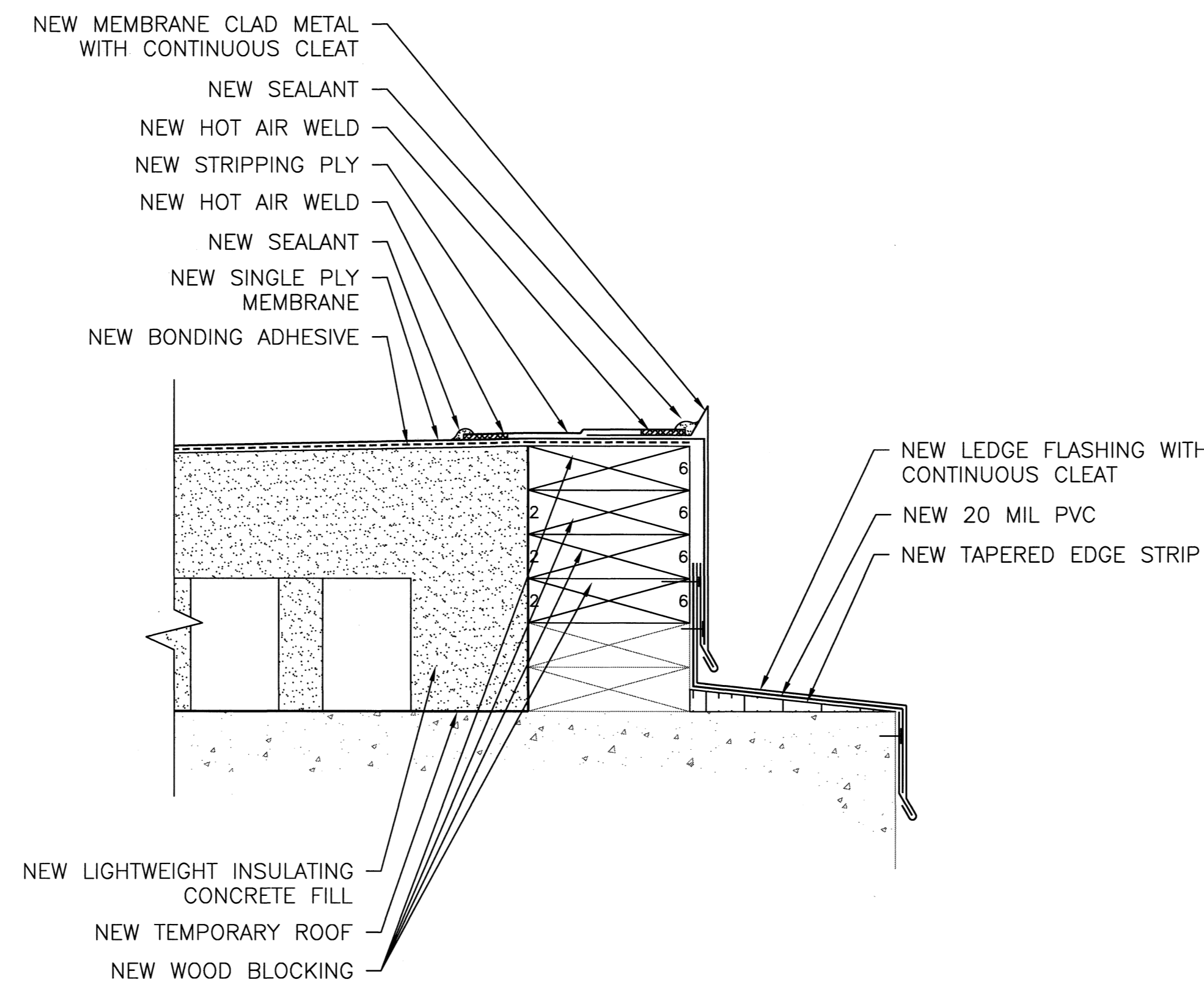
BASIC FLANGE NAIL PATTERN



TWO-PIECE FASCIA AT OVERHANG

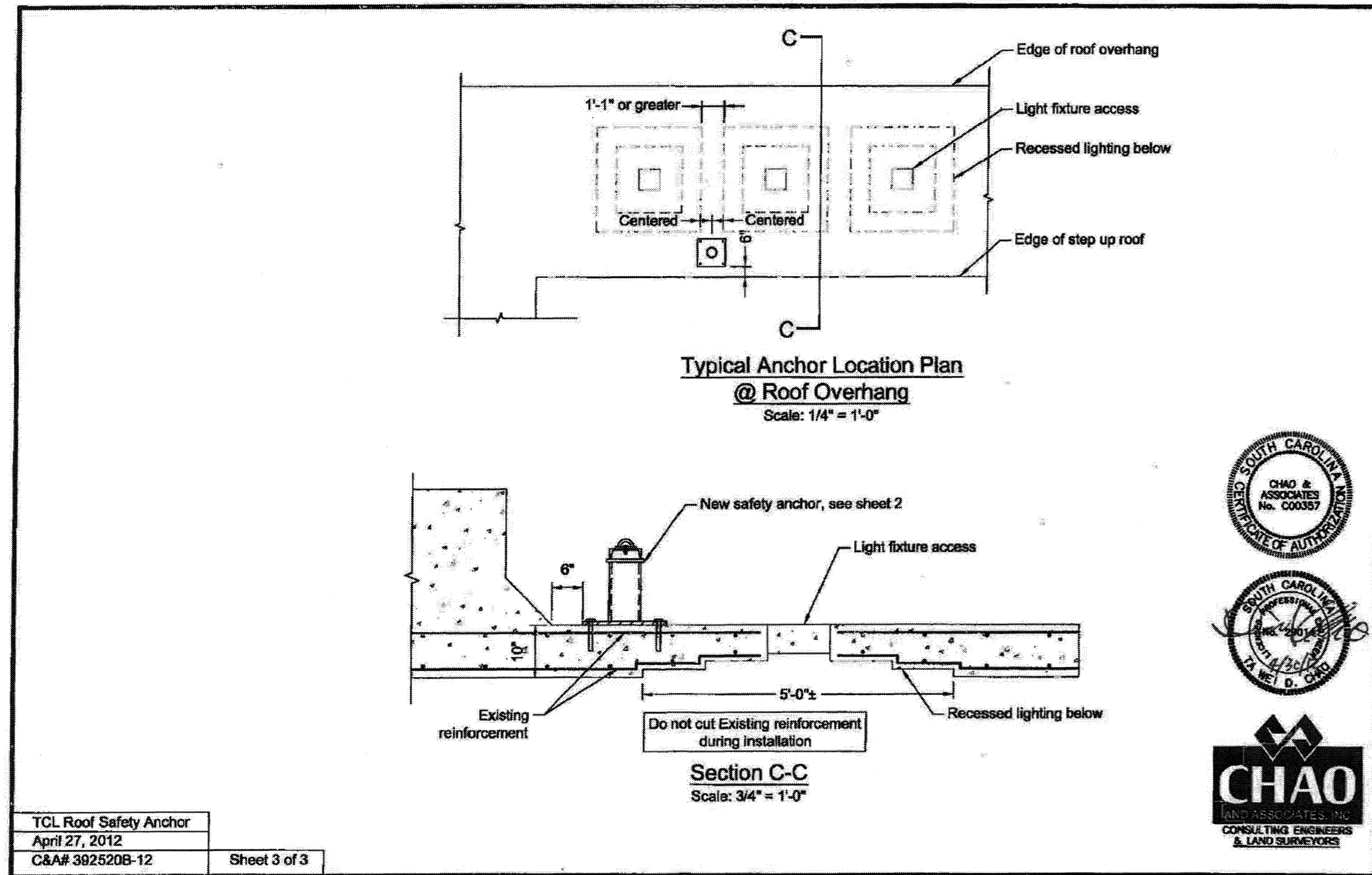


D27 EXPANSION JOINT DETAILS (TYPICAL)
 (NOT TO SCALE)

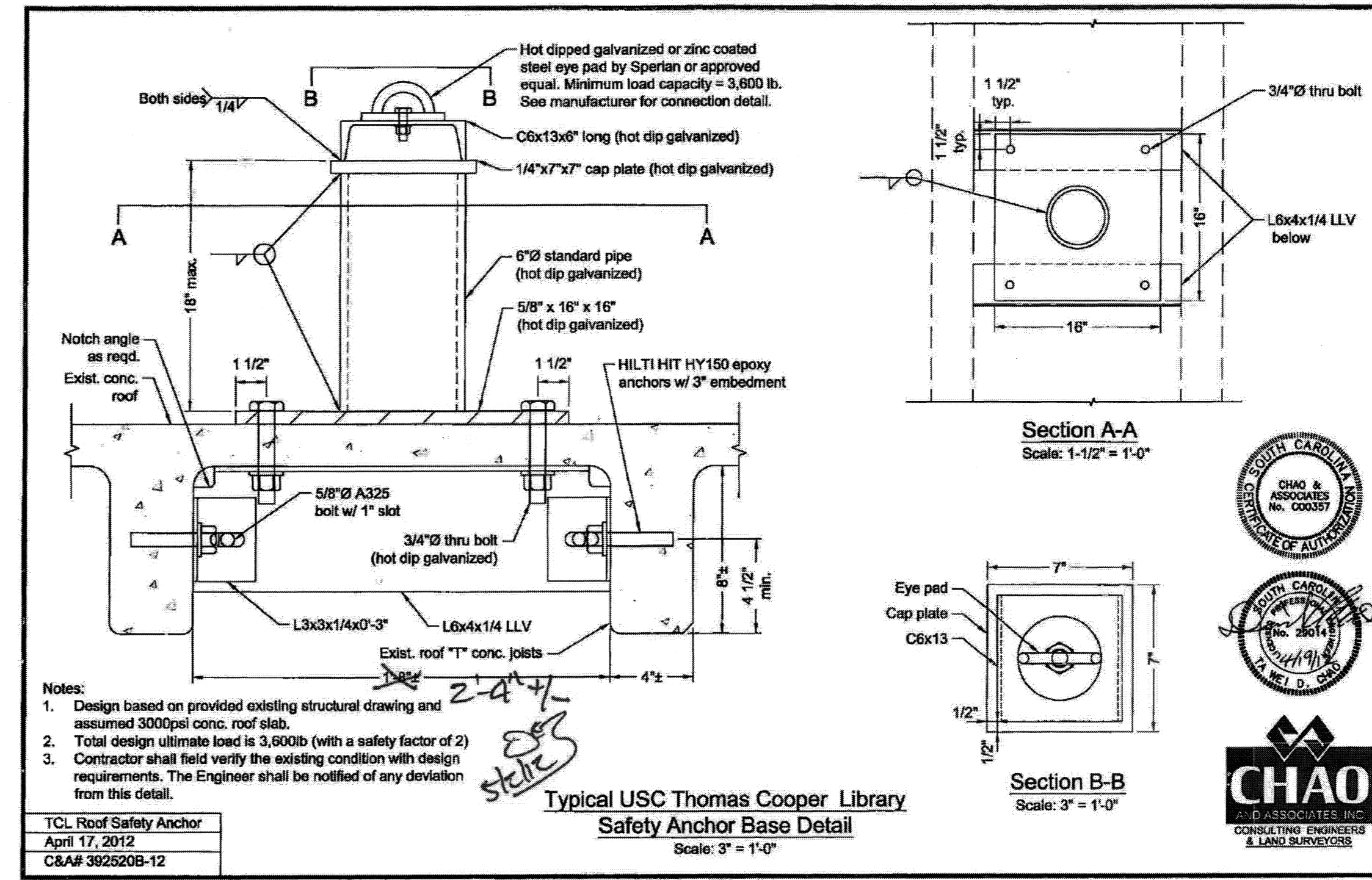


D28 EAVE DETAIL
 (NOT TO SCALE)

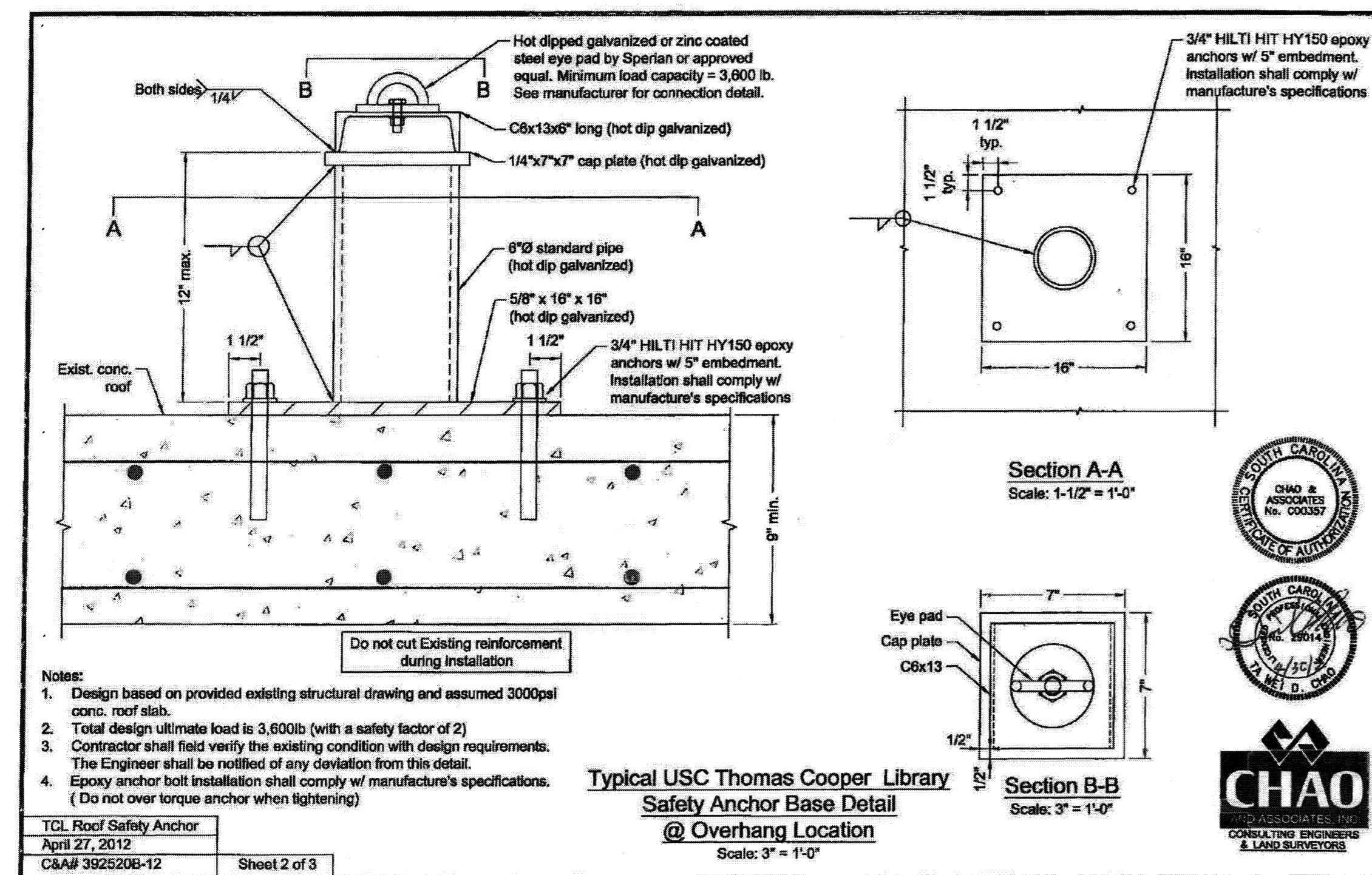




ENGINEERED DRAWING FOR AREA C FALL PROTECTION ANCHOR LOCATION



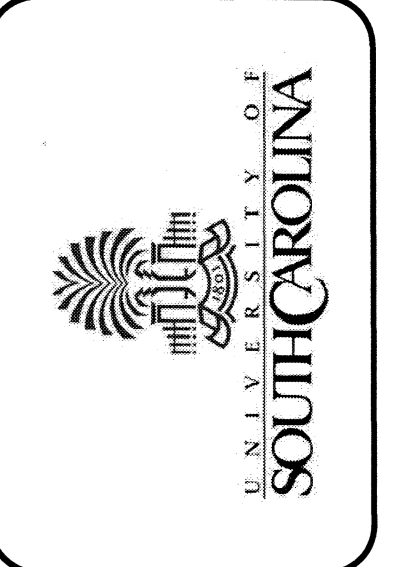
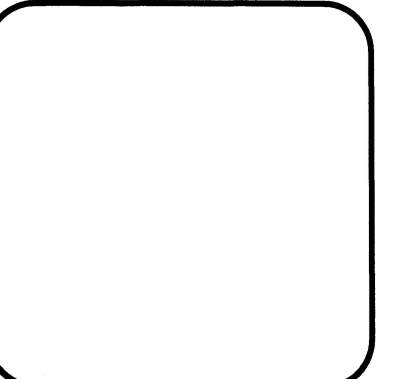
ENGINEERED DRAWING FOR AREA D FALL PROTECTION ANCHOR INSTALLATION



ENGINEERED DRAWING FOR AREA C FALL PROTECTION ANCHOR INSTALLATION

BID DOCUMENTS

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CHARLOTTE, N.C. 28269 1-800-545-6159
JACKSONVILLE • RALEIGH



REVISIONS:	NO.	DATE	APPROVED

PROJECT NAME: THOMAS COOPER LIBRARY ROOF REPLACEMENT UNIVERSITY OF SOUTH CAROLINA COLUMBIA, SOUTH CAROLINA
TITLE: ROOF DETAILS

PF NO:	FH126801
DWN BY:	TDW
CHKD BY:	
DATE:	08/06/12
SCALE:	AS NOTED

SHEET
R205