

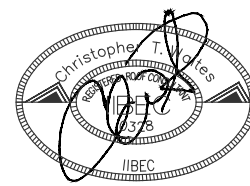
MIDLANDS TECHNICAL COLLEGE

VPBA SALUDA HALL

STATE PROJECT NO: H59-N320-PD
WMBE PROJECT NUMBER: 2025-104



DRAWING LEGEND	SITE LOCATIONS		CODE/INDUSTRY STANDARD REFERENCES
XX RD DS DS VTR ⊙ ▪			



DESIGNED: CW

MIDLANDS TECHNICAL COLLEGE
VPBA ROOF SALUDA HALL

STATE PROJECT NO: H59-N320-PD

1260 LEXINGTON DRIVE
WEST COLUMBIA, SC 29170



COLUMBIA AREA OFFICE

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

CHARLESTON AREA OFFICE

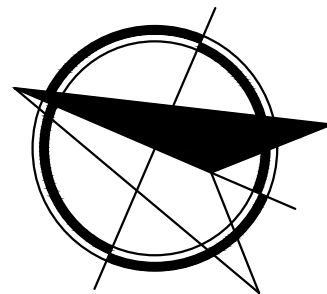
217 N. LIVE OAK DRIVE
MONCKS CORNER, SOUTH CAROLINA
EMAIL:JOE@WMBECONSULTANTS.COM

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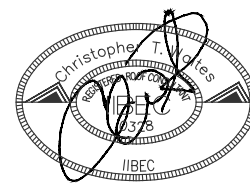
PROJECT NUMBER: 2025-104

CONSTRUCTION DOCUMENTS

DATE: 05-22-2025

COVER SHEET

R-1.0



DESIGNED: CW

MIDLANDS TECHNICAL COLLEGE
VPBA ROOF SALUDA HALL

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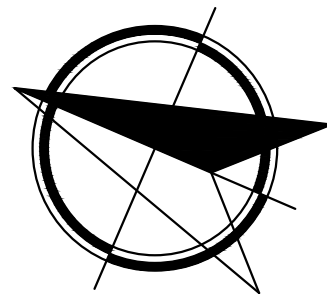
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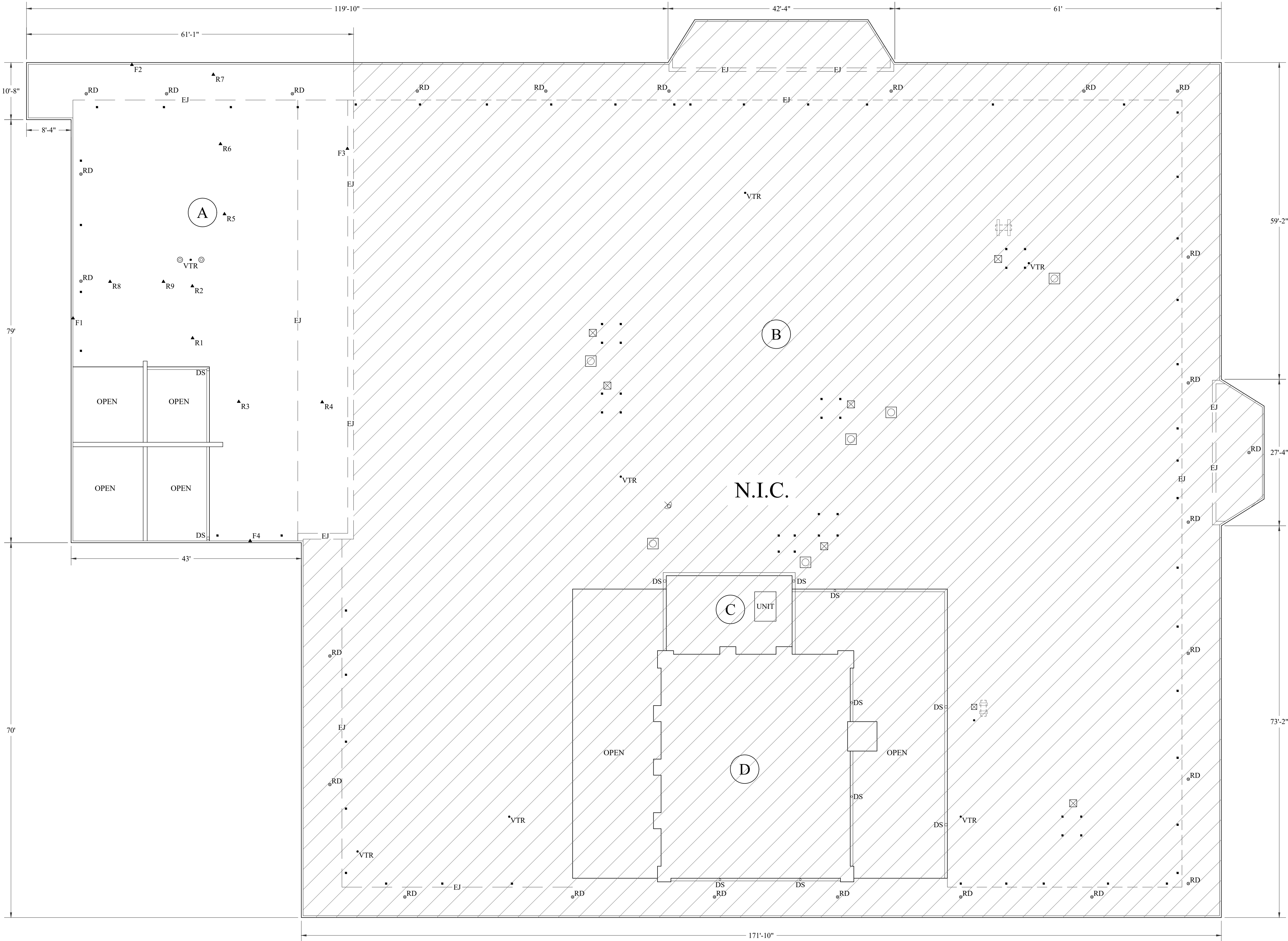
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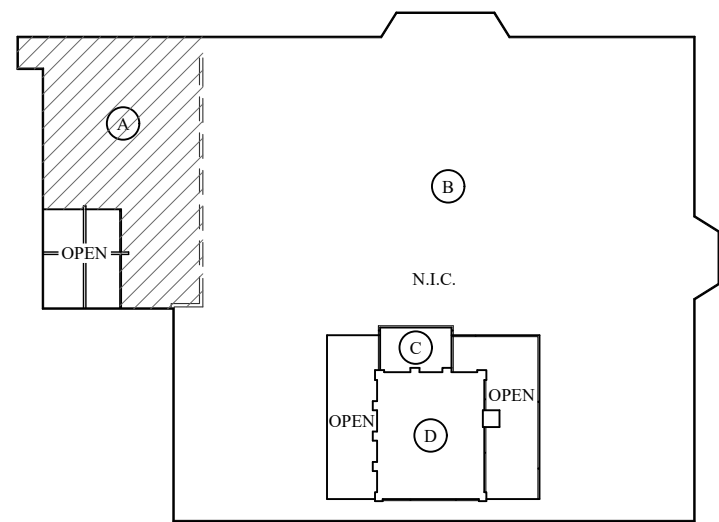
CONSTRUCTION DOCUMENTS

DATE: 05-22-2025

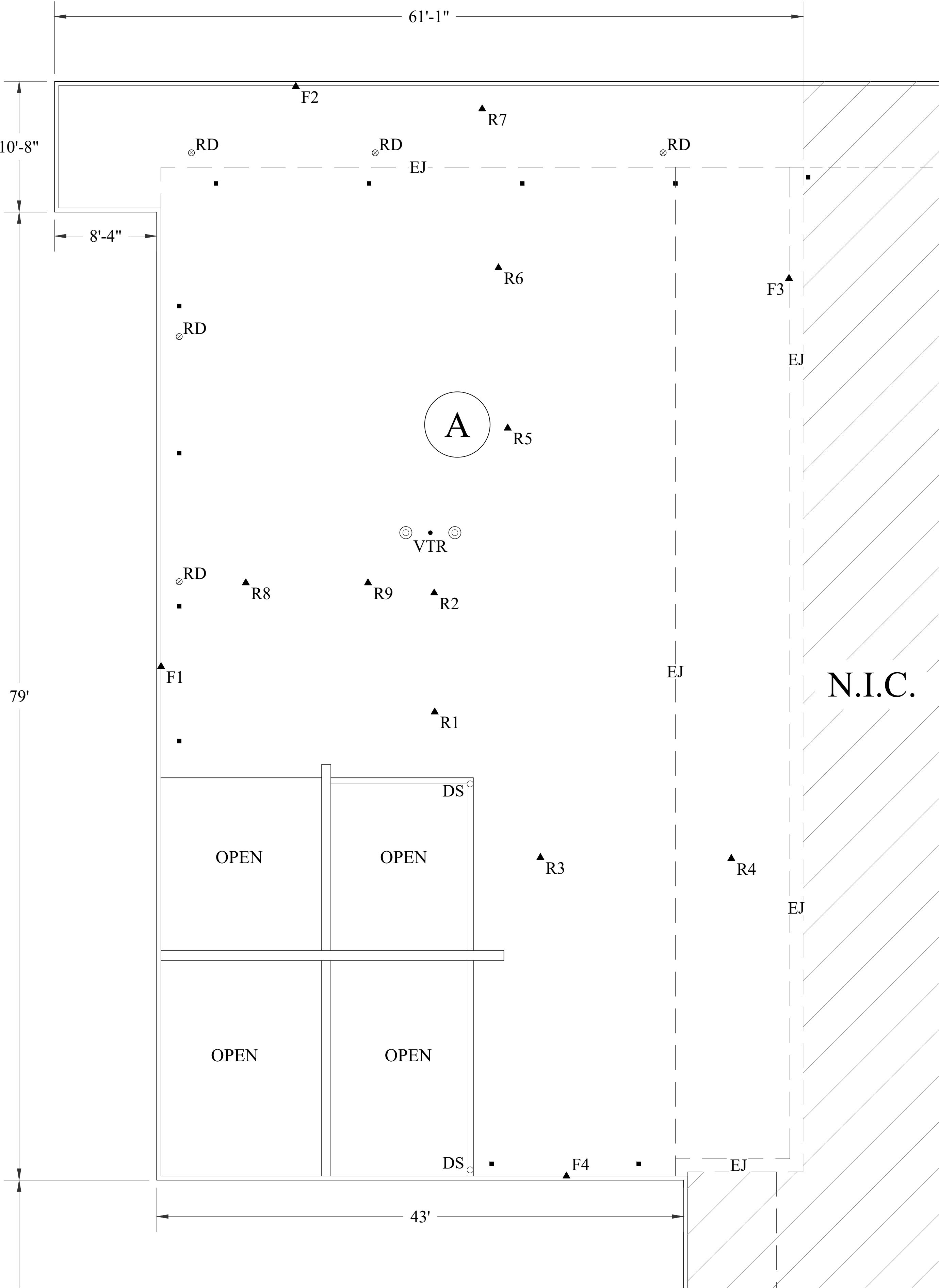
OVERALL EXISTING
ROOF PLAN

R-1.1

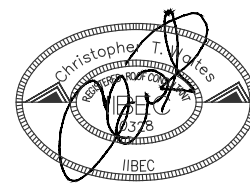




KEY PLAN



1 PARTIAL EXISTING ROOF PLAN
R-1.2 3/16" = 1'



DESIGNED: CW

MIDLANDS TECHNICAL COLLEGE
VPBA ROOF SALUDA HALL

STATE PROJECT NO: H59-N320-PD

1260 LEXINGTON DRIVE
WEST COLUMBIA, SC 29170



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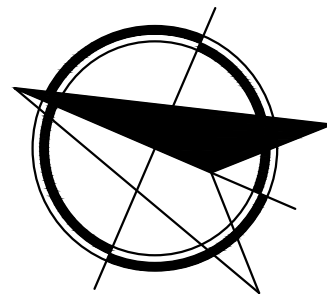
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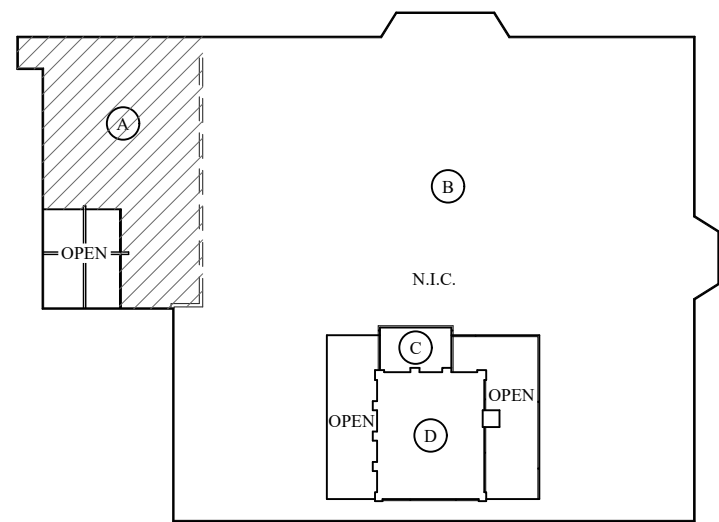
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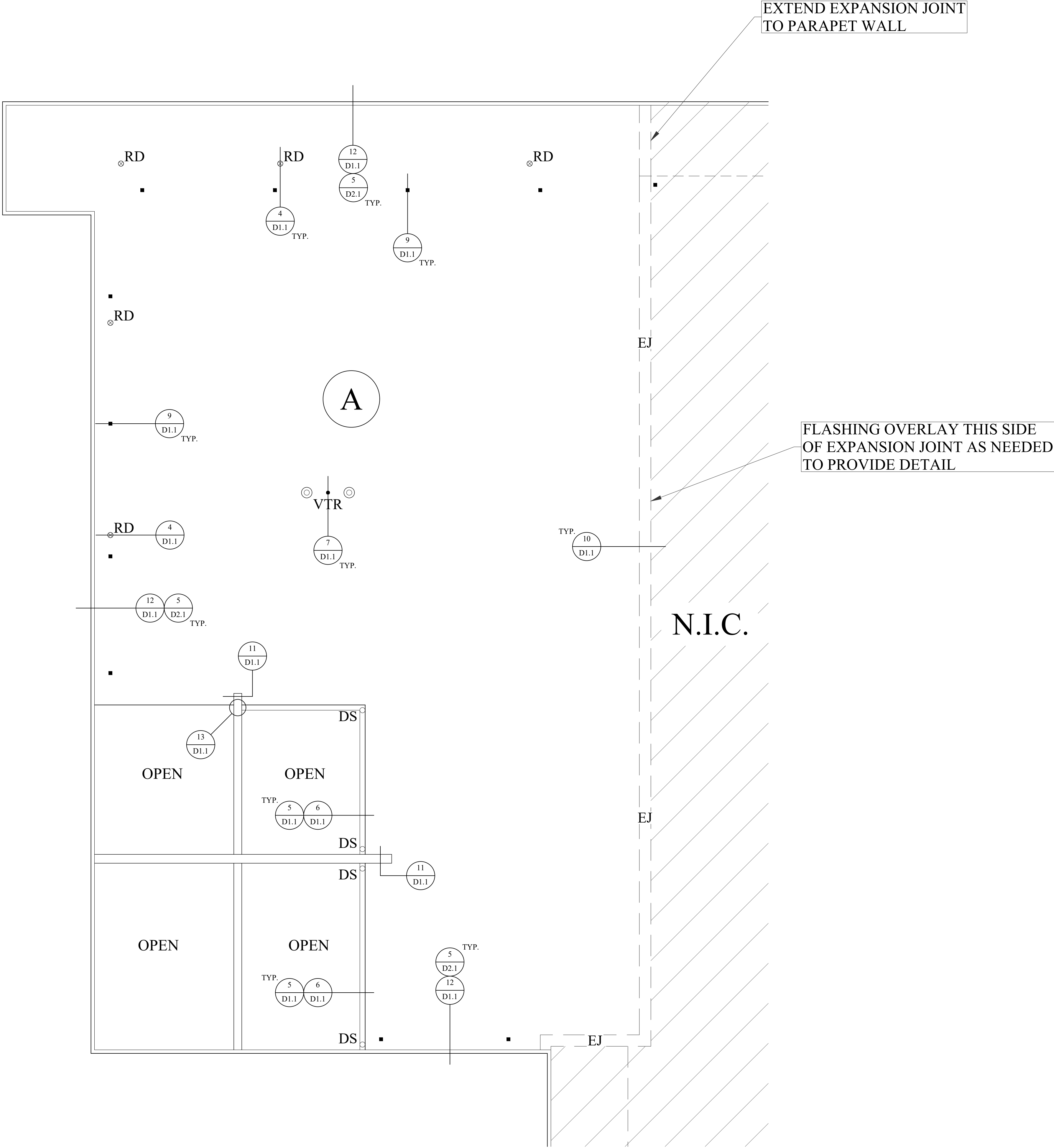
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PARTIAL EXISTING
ROOF PLAN

R-1.2



KEY PLAN

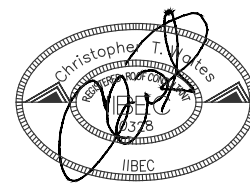


EXTEND EXPANSION JOINT
TO PARAPET WALL

FLASHING OVERLAY THIS SIDE
OF EXPANSION JOINT AS NEEDED
TO PROVIDE DETAIL

N.I.C.

1 PARTIAL NEW ROOF PLAN
R-1.3 3/16" = 1'



DESIGNED: CW

MIDLANDS TECHNICAL COLLEGE
VPBA ROOF SALUDA HALL

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1260 LEXINGTON DRIVE
WEST COLUMBIA, SC 29170



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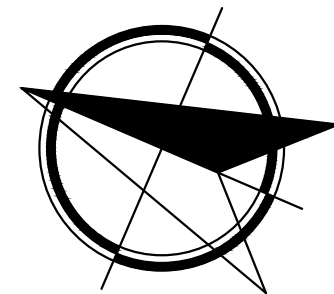
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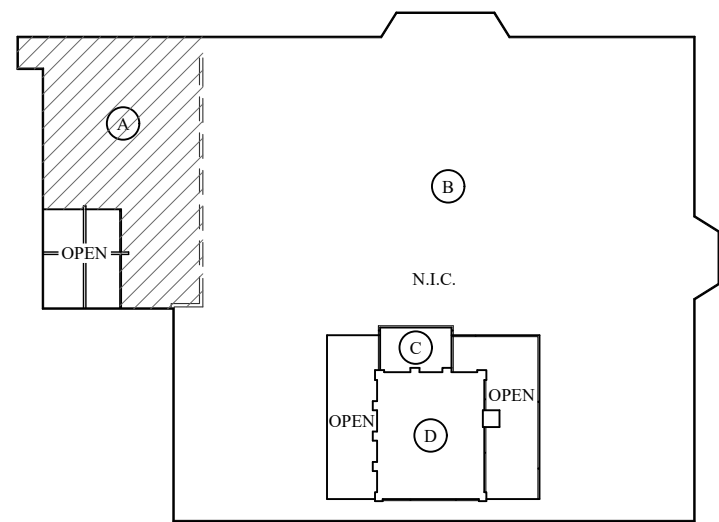
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CONSTRUCTION DOCUMENTS

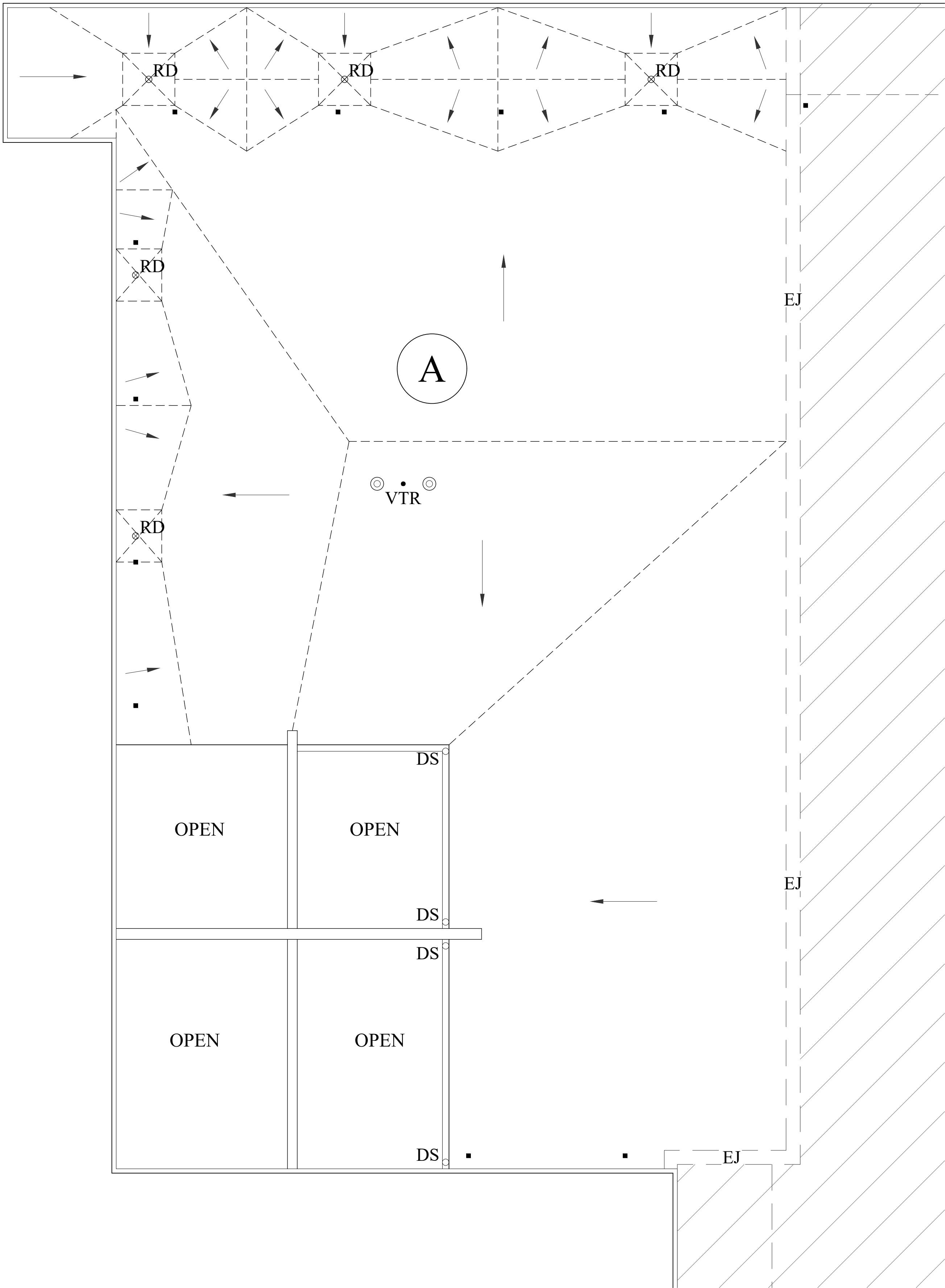
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PARTIAL NEW ROOF
PLAN

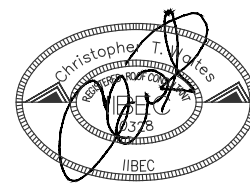
R-1.3



KEY PLAN



1 PARTIAL TAPER PLAN
R-1.4 3/16" = 1'



DESIGNED: CW

MIDLANDS TECHNICAL COLLEGE
VPBA ROOF SALUDA HALL

STATE PROJECT NO: H59-N320-PD

1260 LEXINGTON DRIVE
WEST COLUMBIA, SC 29170



BUILDING ENVELOPE
CONSULTANTS, LLC

COLUMBIA AREA OFFICE

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CHARLESTON AREA OFFICE

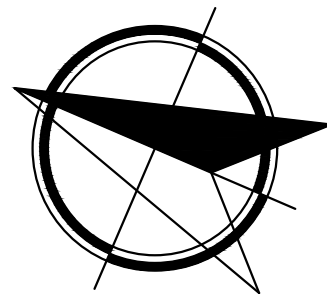
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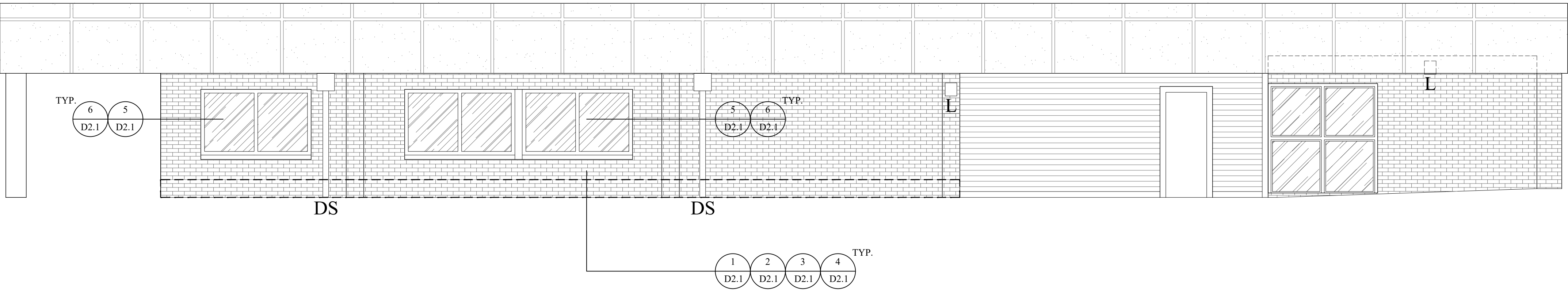
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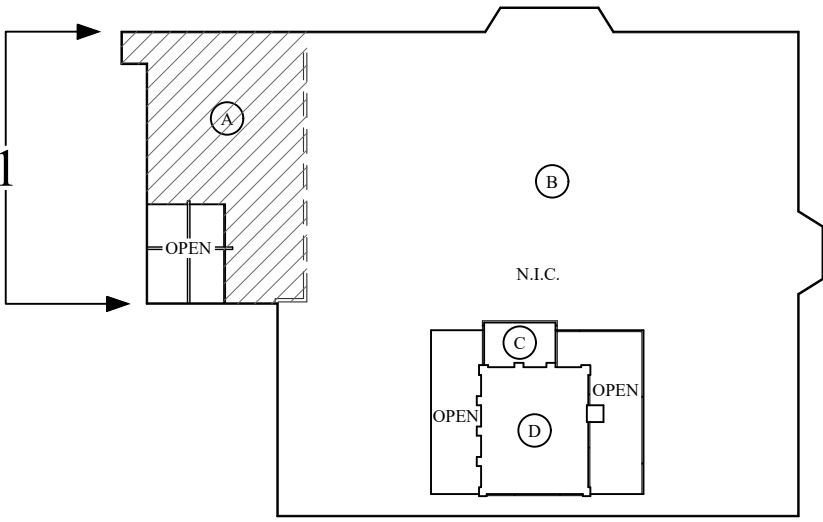
DATE: 05-22-2025

PARTIAL TAPER PLAN

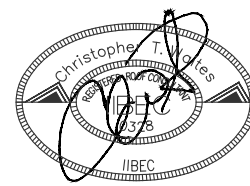
R-1.4



1 WEST ELEVATION PLAN (ALT. NOS. 2 & 3)
R-1.5 1/8" = 1'



KEY PLAN



DESIGNED: CW

MIDLANDS TECHNICAL COLLEGE
VPBA ROOF SALUDA HALL

STATE PROJECT NO: H59-N320-PD

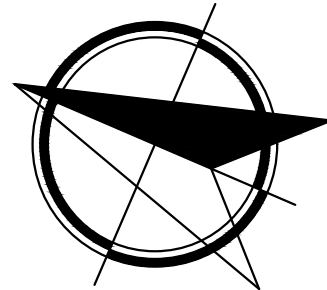
1260 LEXINGTON DRIVE
WEST COLUMBIA, SC 29170



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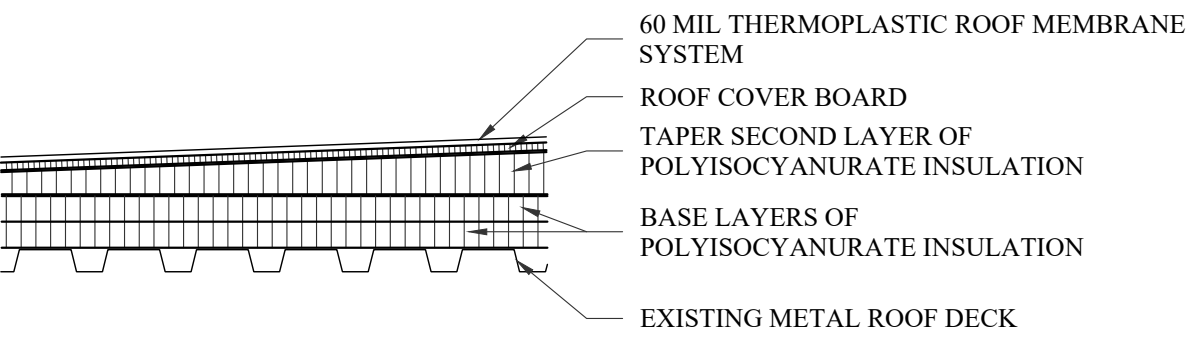
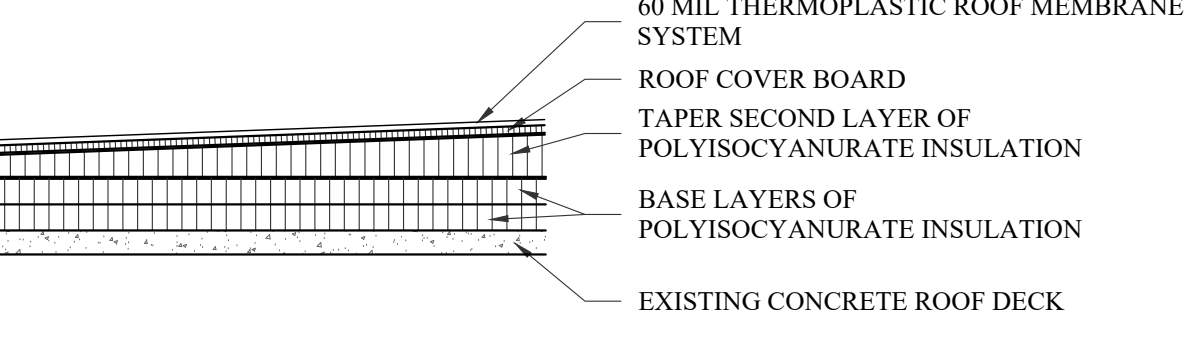
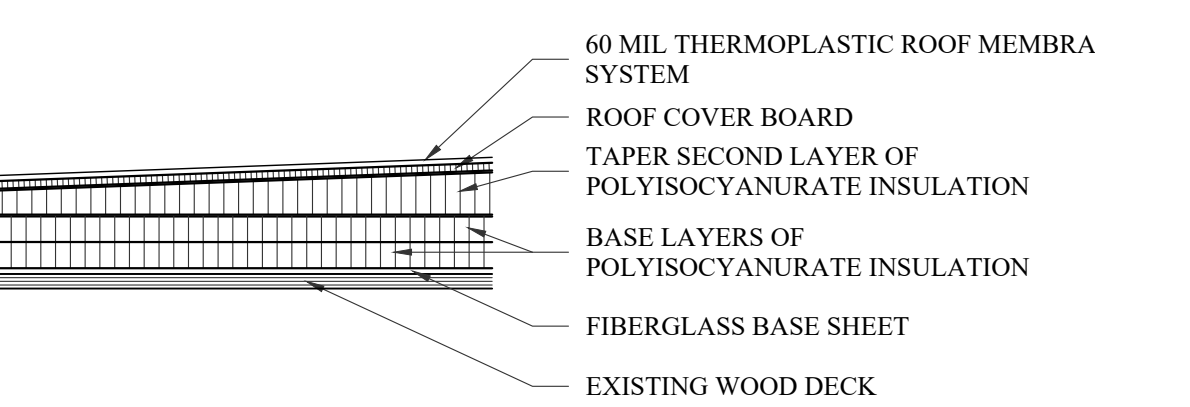
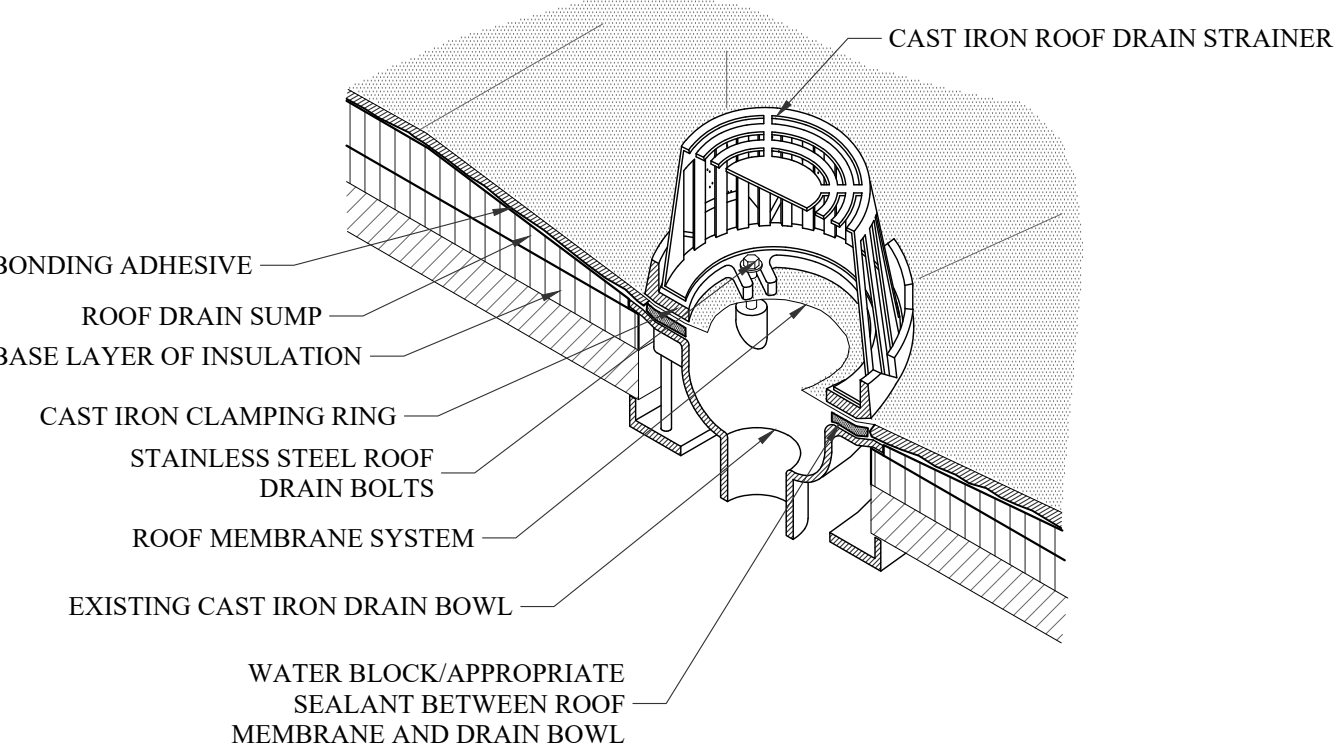
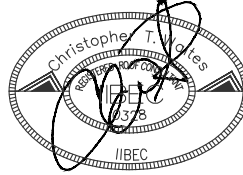
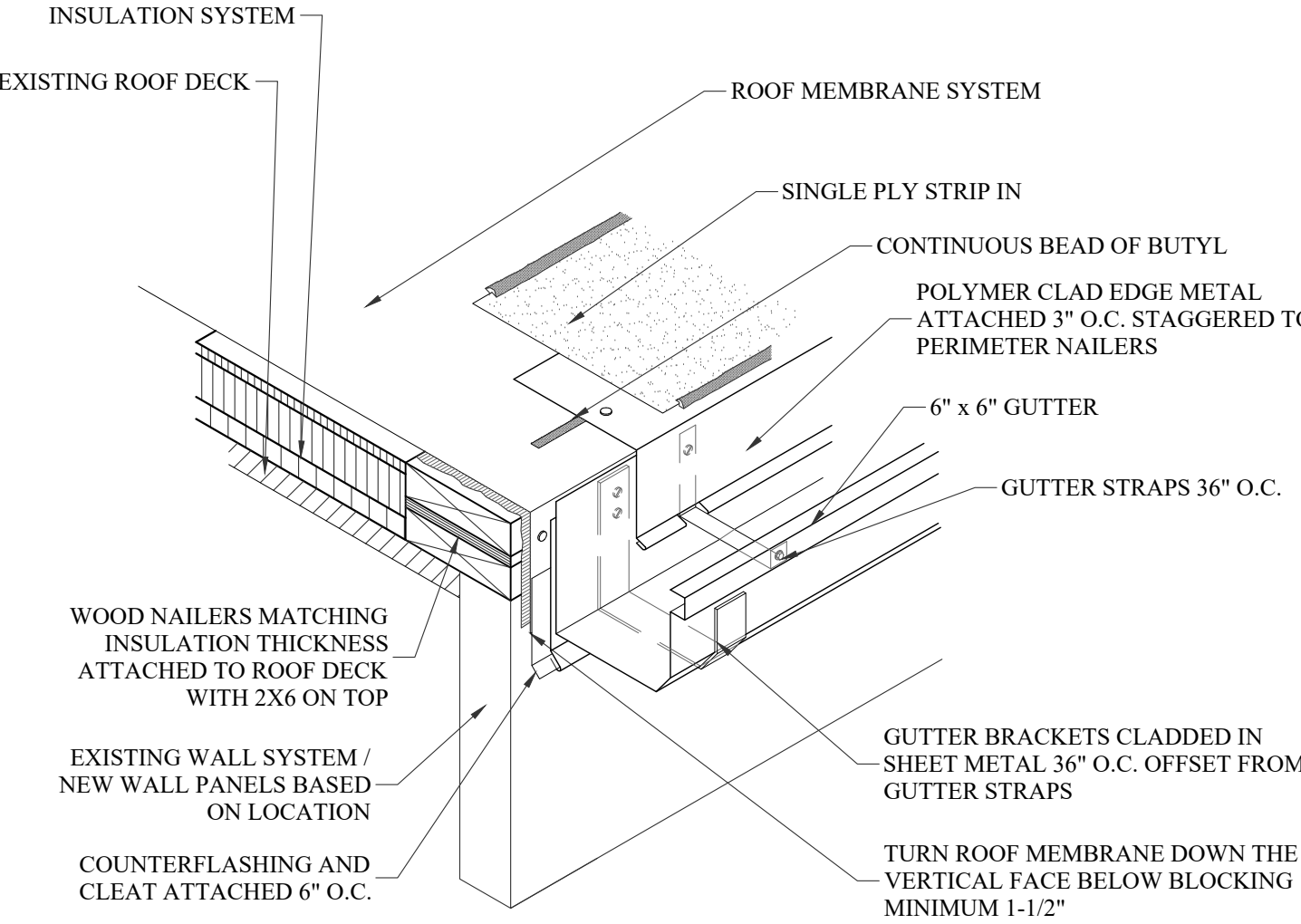
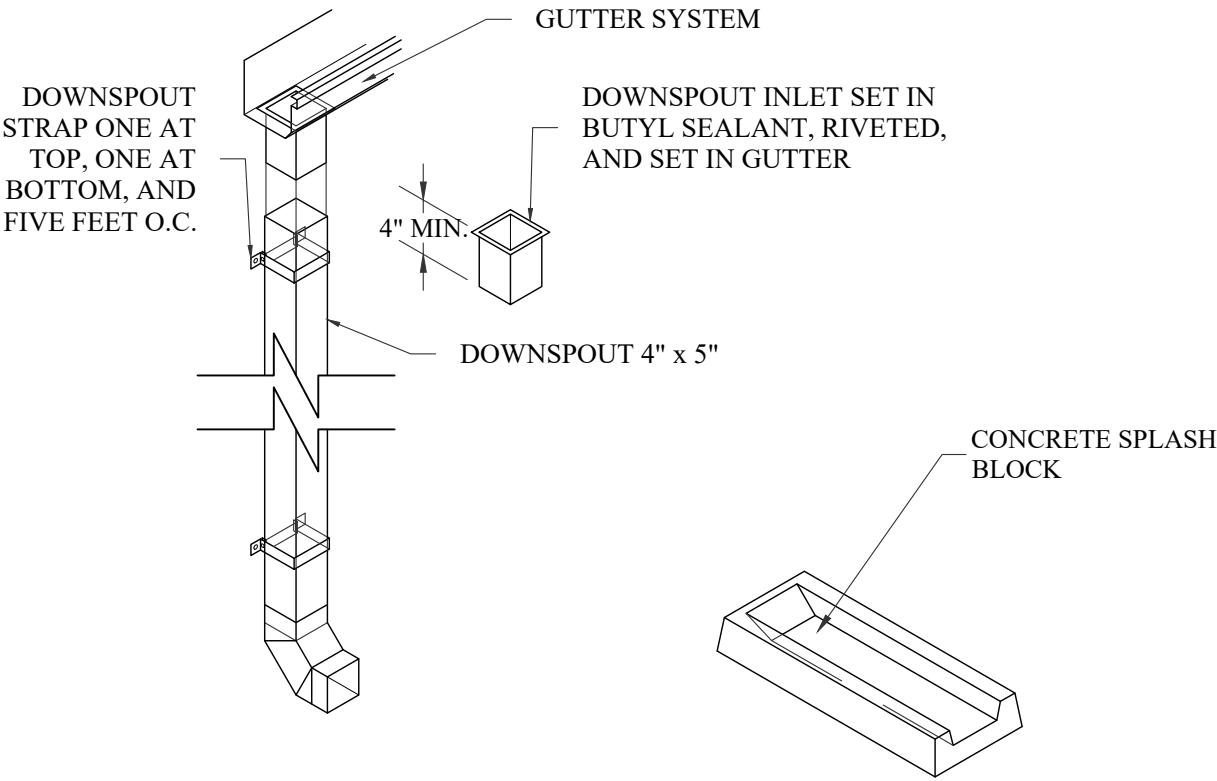
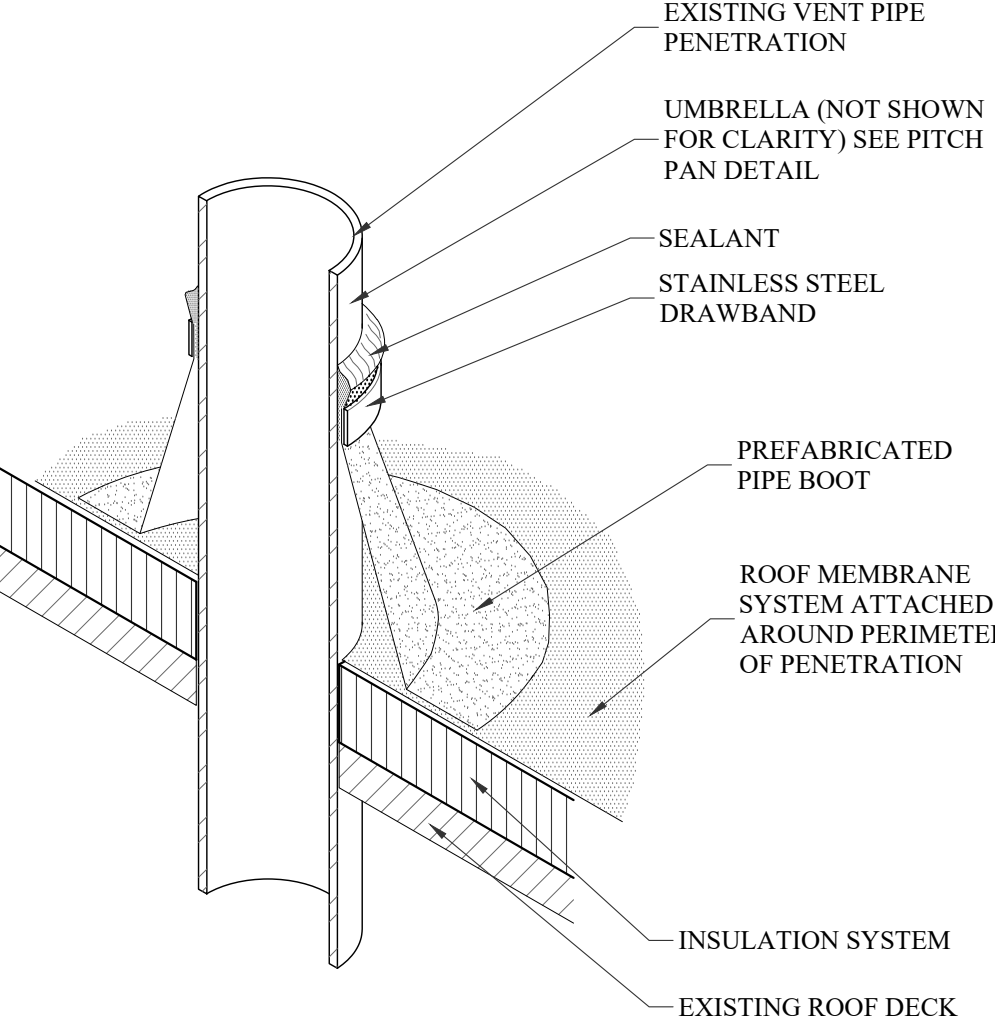
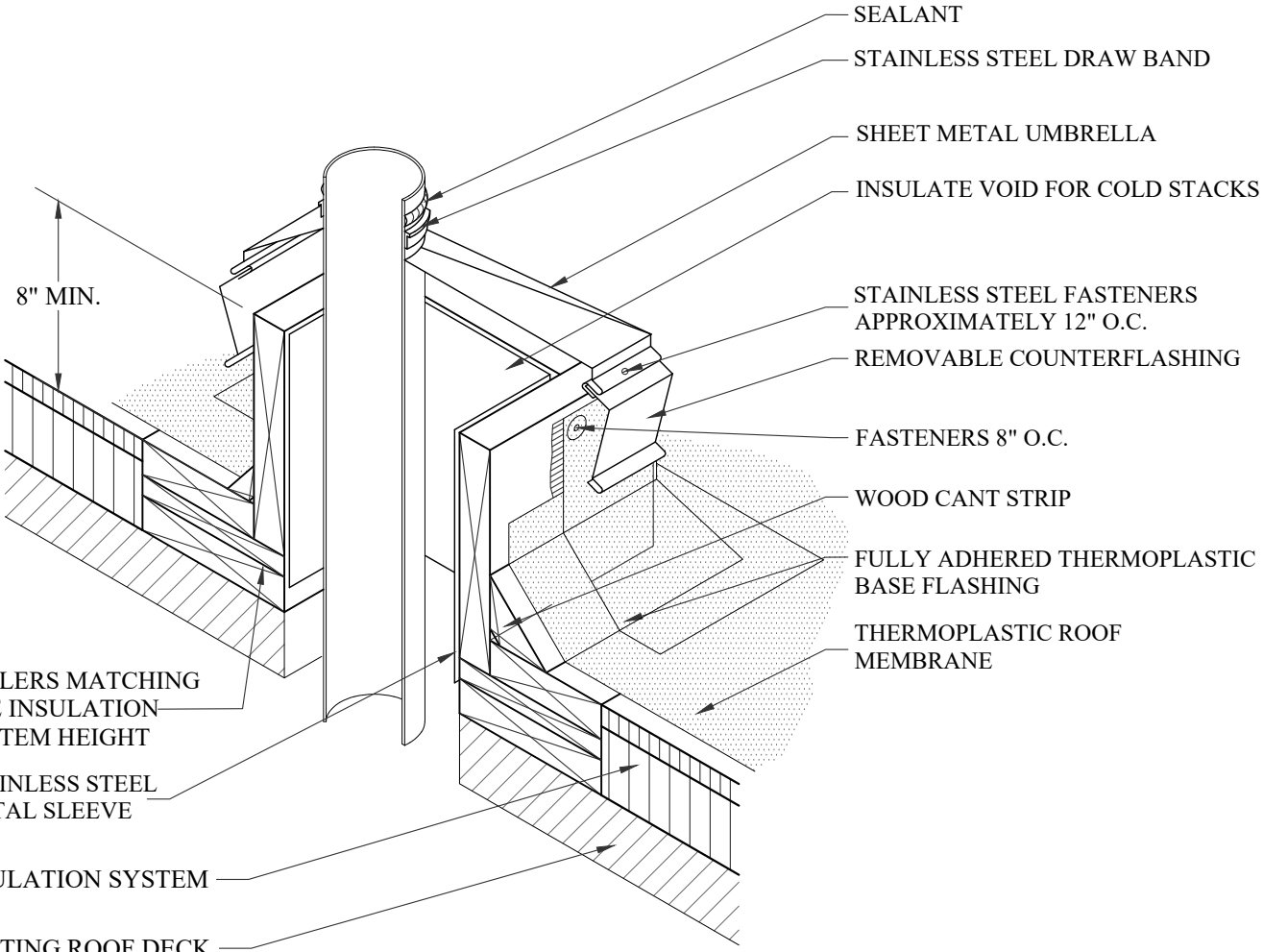
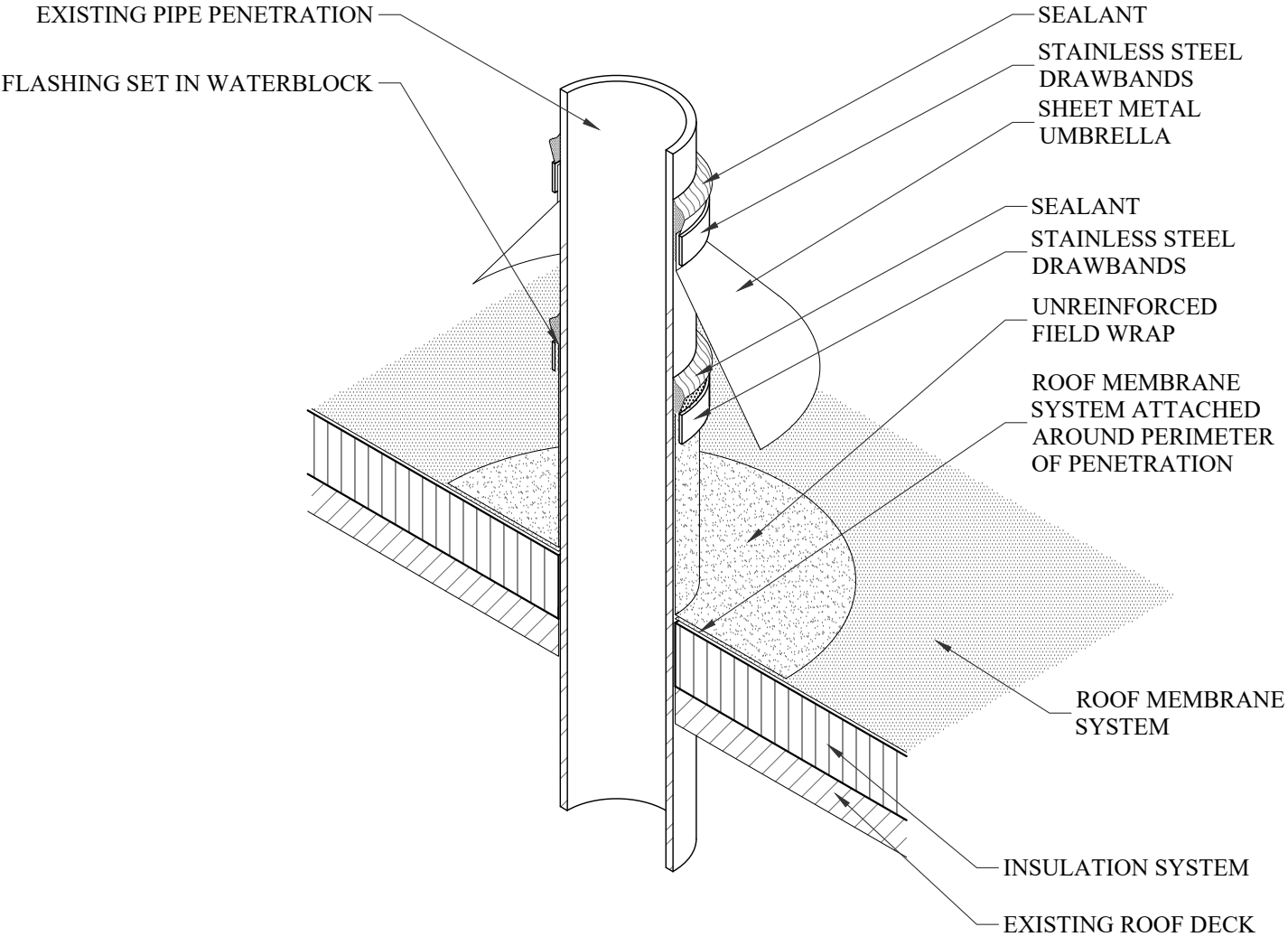
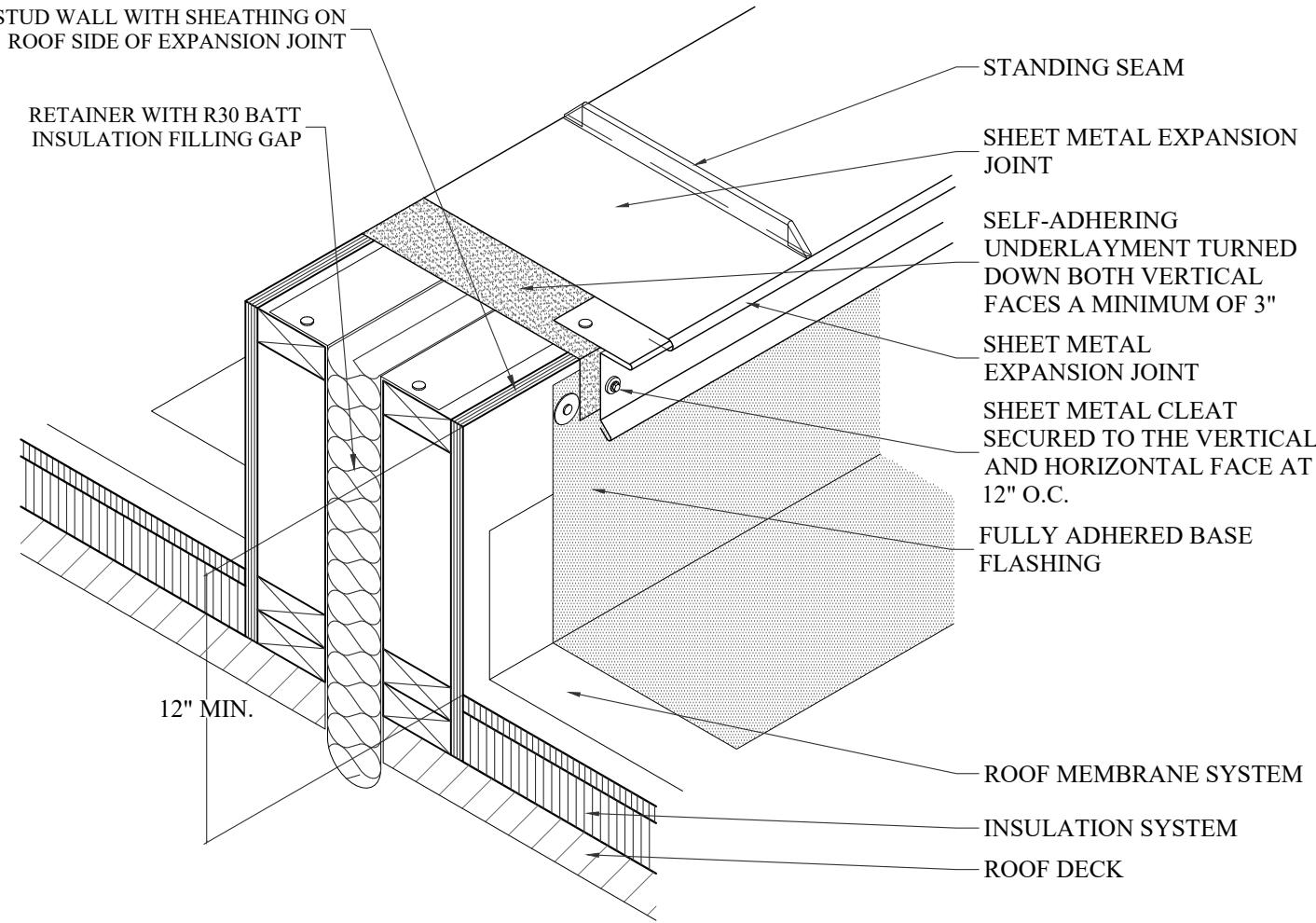
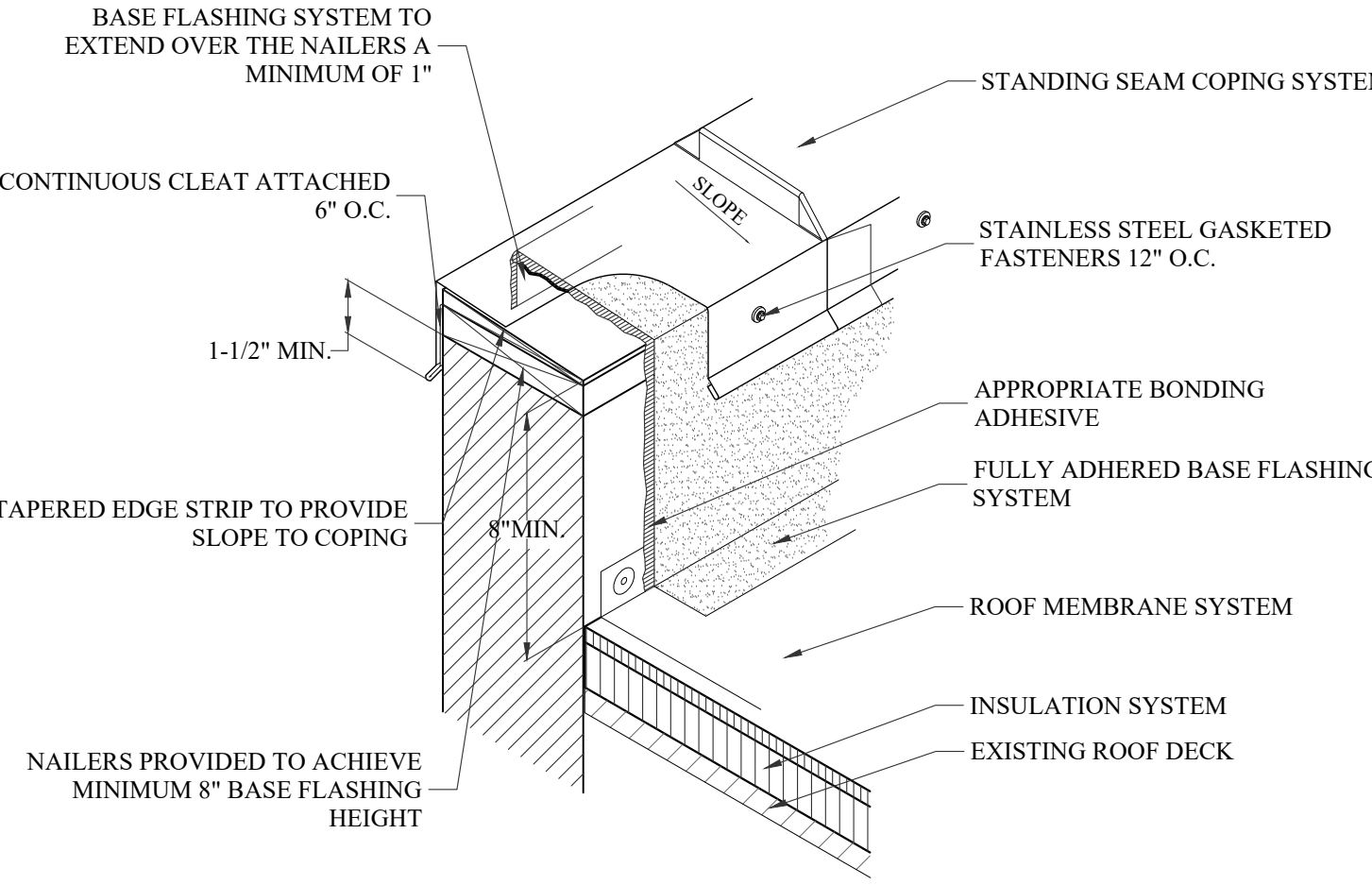
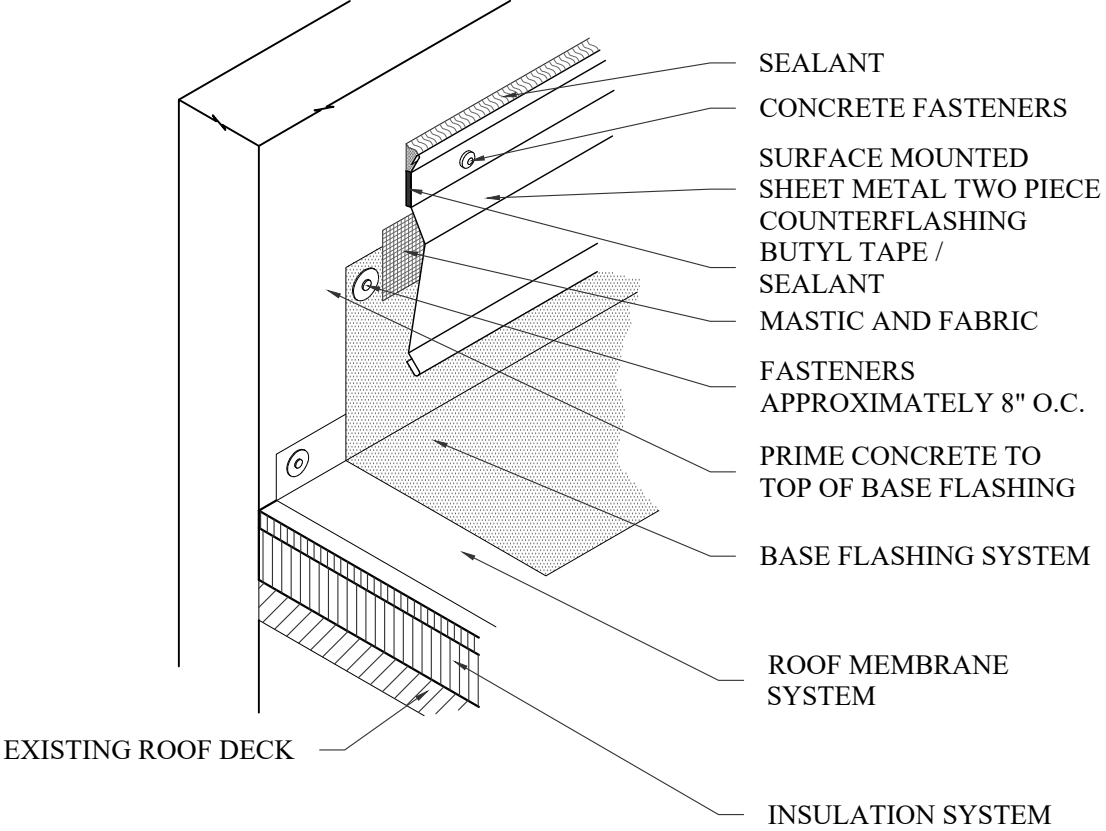
PROJECT NUMBER: 2025-104

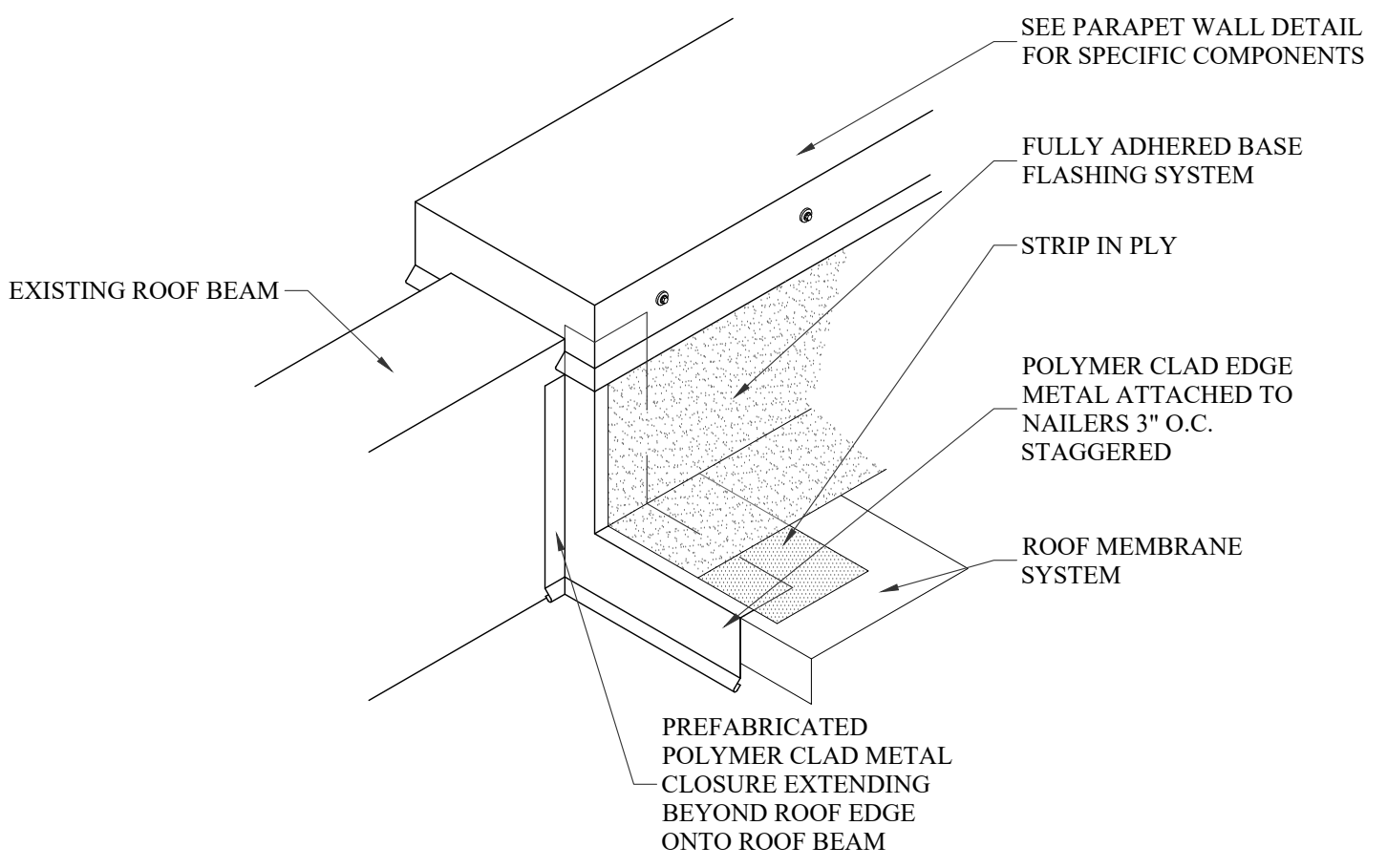
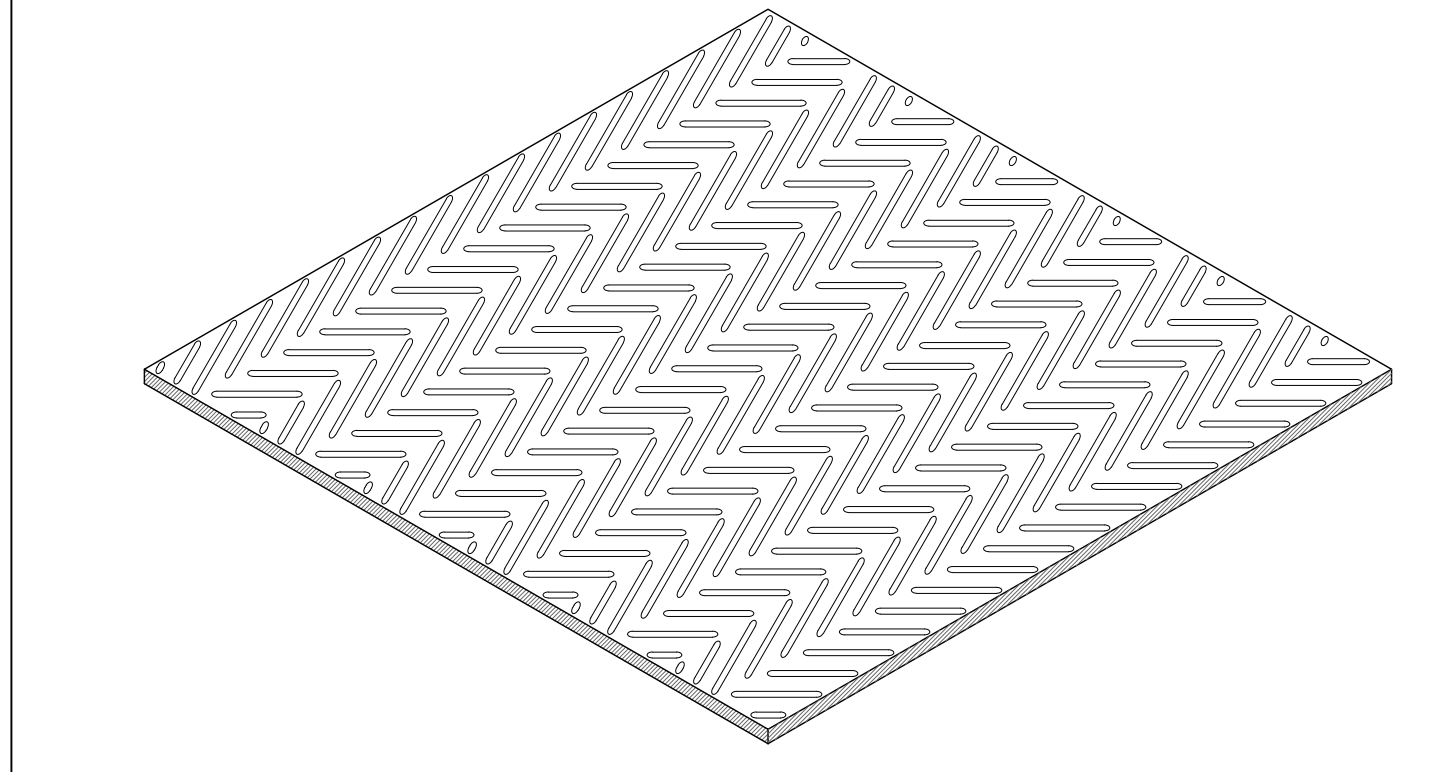
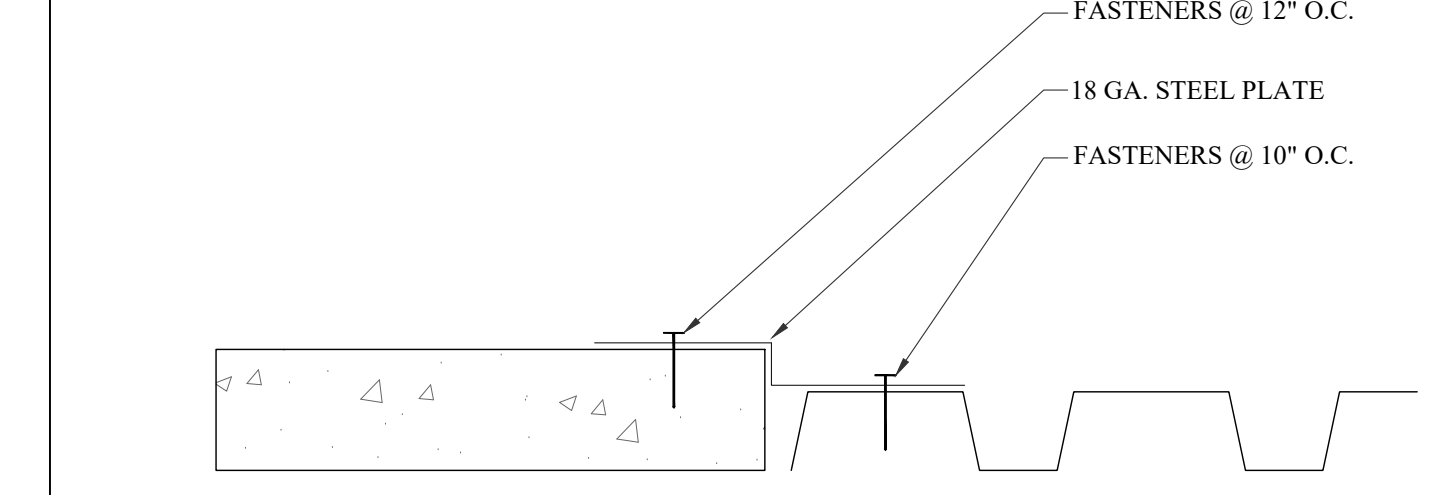
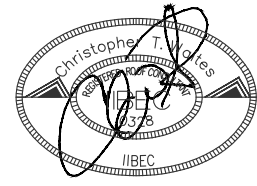
CONSTRUCTION DOCUMENTS

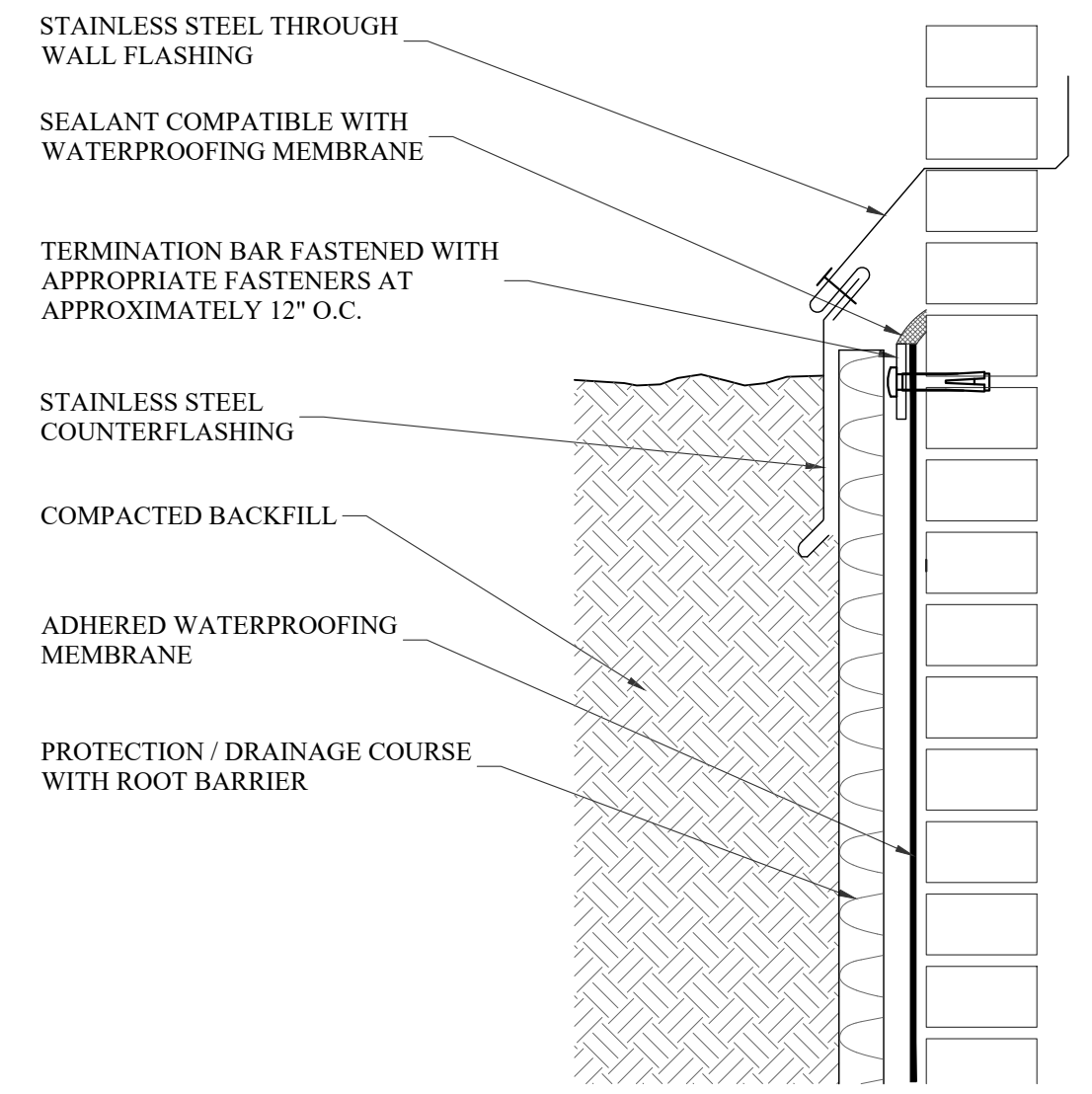
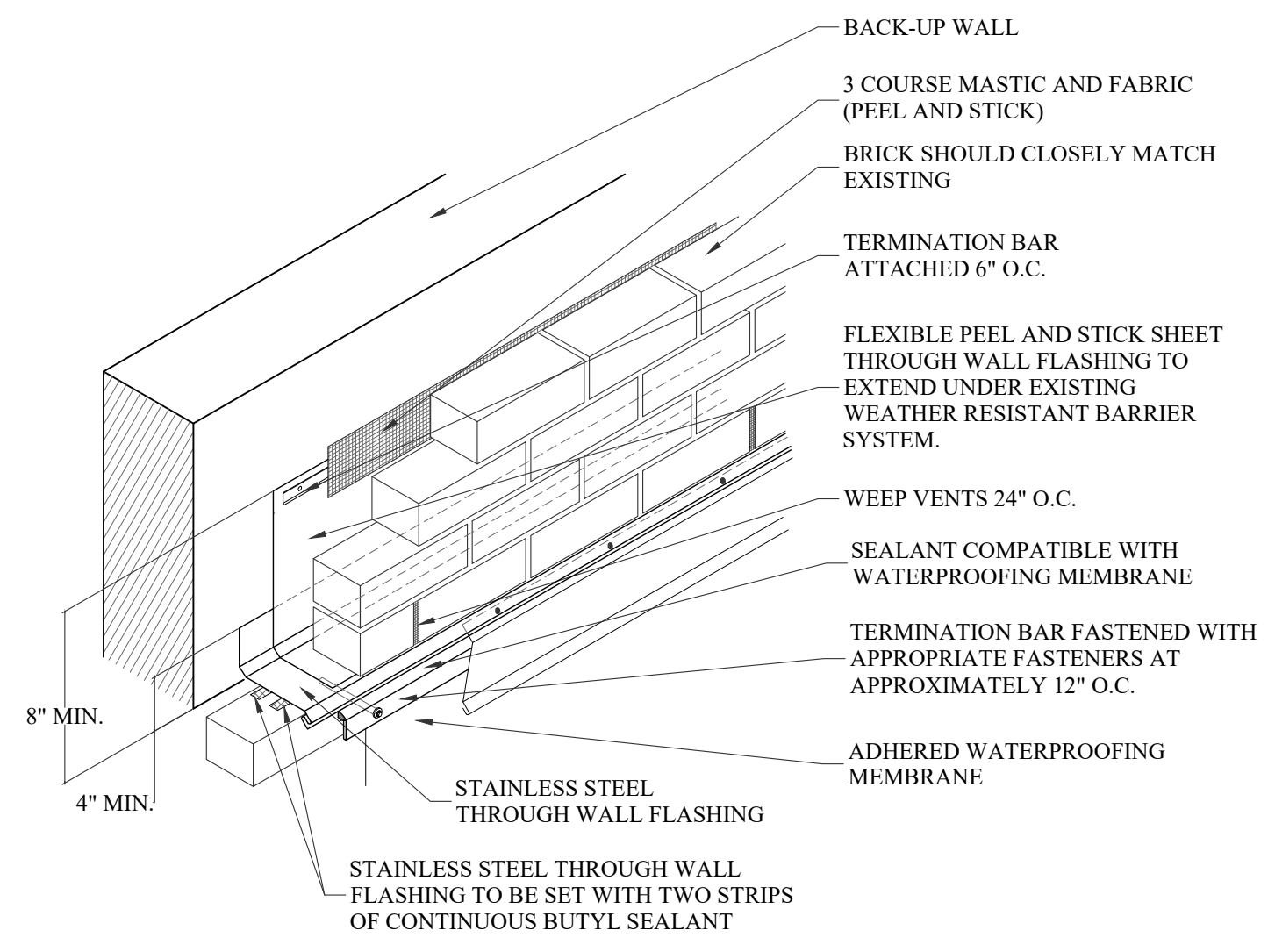
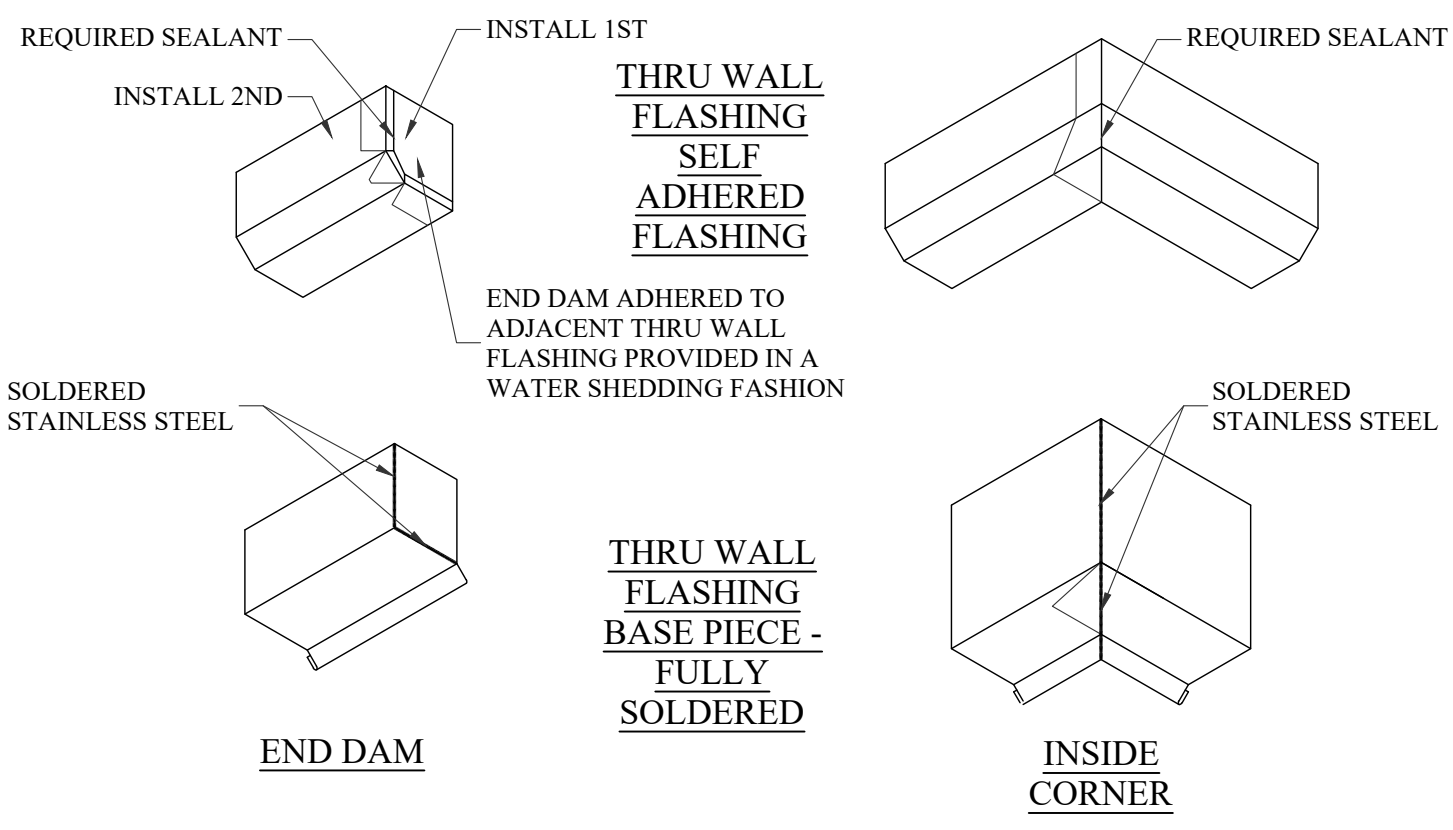
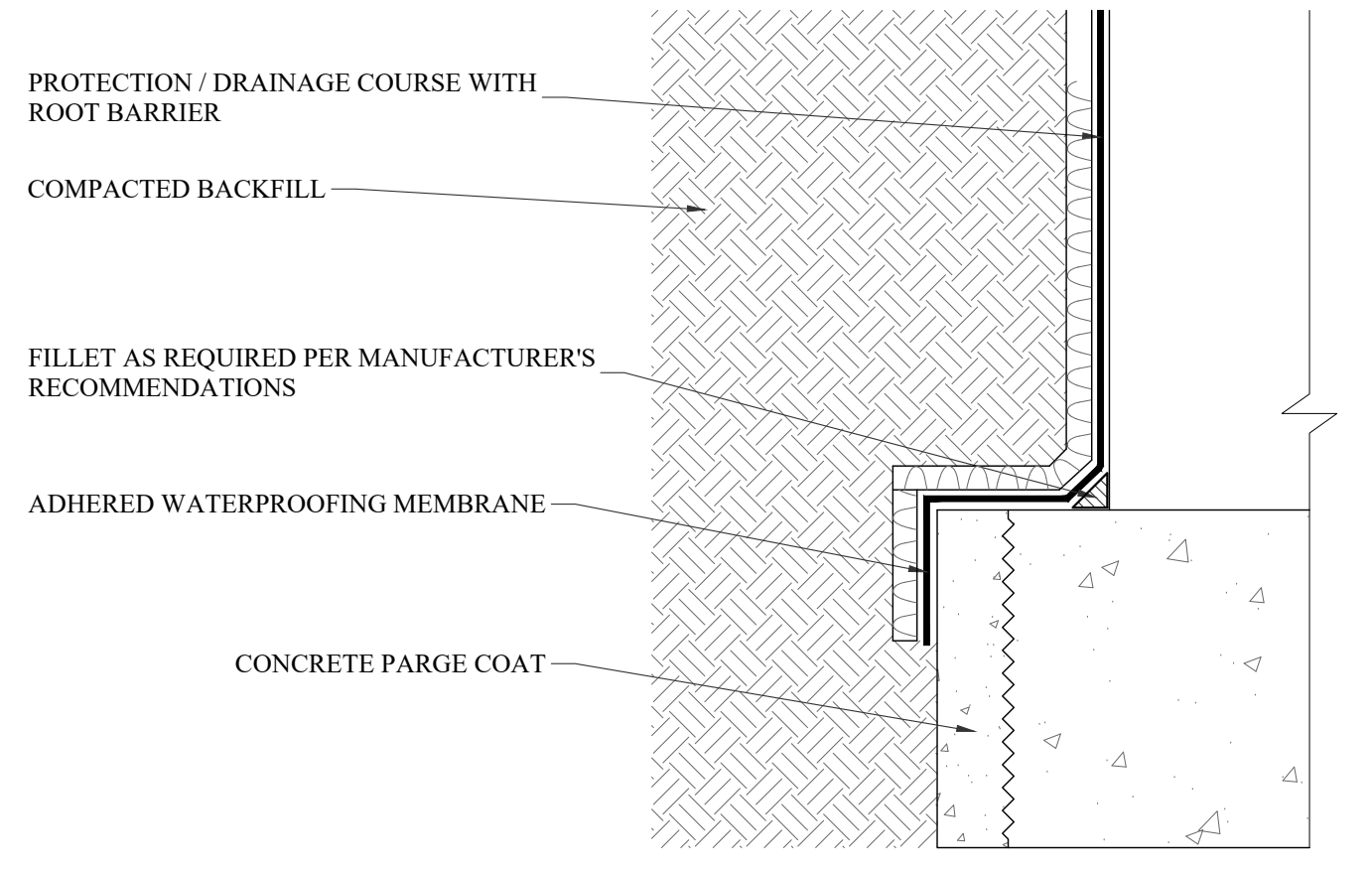
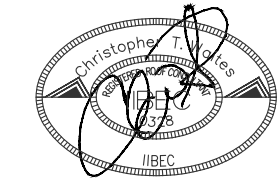
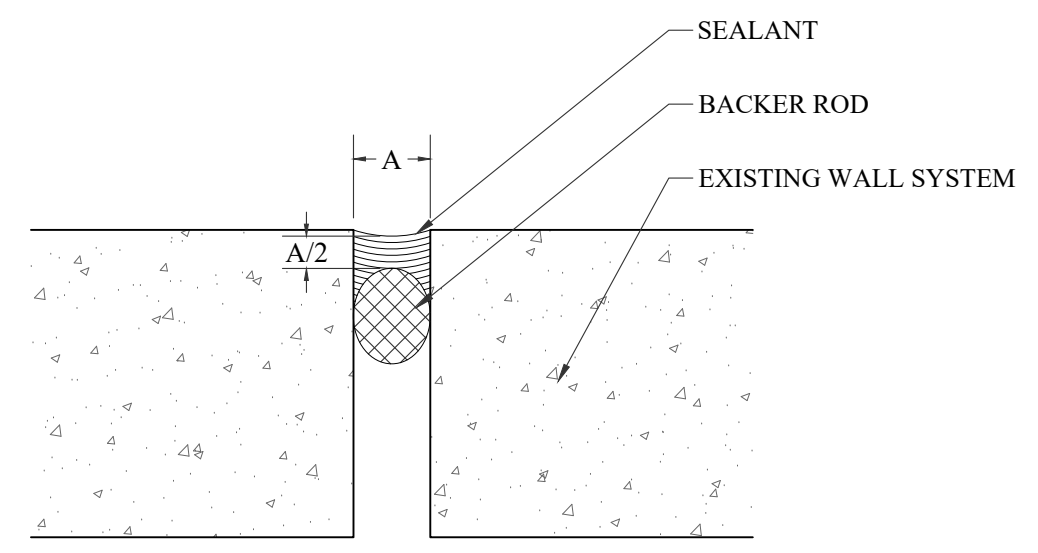
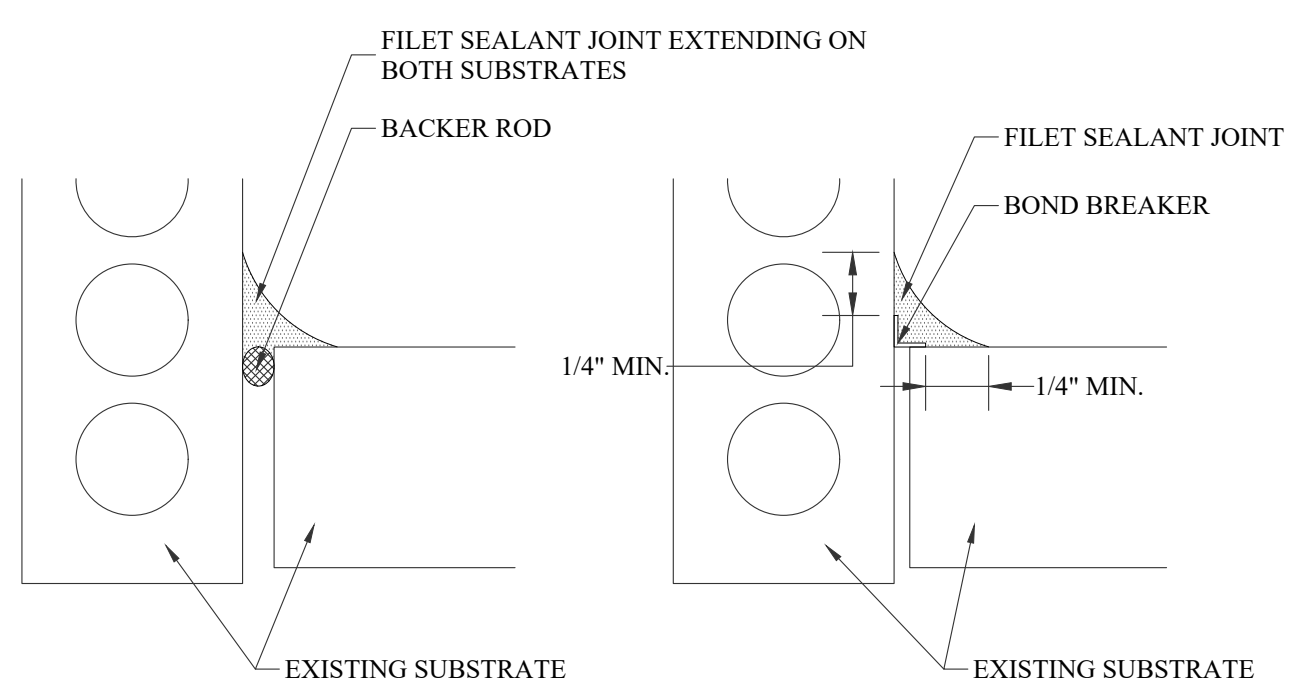
DATE: 05-22-2025

WEST ELEVATION
PLAN

R-1.5

 1 ROOF ASSEMBLY (METAL ROOF DECK) D-1.1 N.T.S.	 2 ROOF ASSEMBLY (CONCRETE ROOF DECK) D-1.1 N.T.S.	 3 ROOF ASSEMBLY (WOOD ROOF DECK) D-1.1 N.T.S.	 4 ROOF DRAIN D-1.1 N.T.S.	 DESIGNED: CW MIDLANDS TECHNICAL COLLEGE VPBA ROOF SALUDA HALL STATE PROJECT NO: H59-N320-PD 1260 LEXINGTON DRIVE WEST COLUMBIA, SC 29170
 5 ROOF EDGE WITH GUTTER D-1.1 N.T.S.	 6 DOWNSPOUT AND SPLASH BLOCK D-1.1 N.T.S.	 7 VENT TRROUGH ROOF D-1.1 N.T.S.	 8 STACK D-1.1 N.T.S.	
 9 PIPE PENETRATION D-1.1 N.T.S.	 10 EXPANSION JOINT D-1.1 N.T.S.	 11 PARAPET WALL D-1.1 N.T.S.	 12 BASE FLASHING AT CONCRETE WALL D-1.1 N.T.S.	 COLUMBIA AREA OFFICE 1611 CHAPIN ROAD CHAPIN, SOUTH CAROLINA EMAIL:CHRIS@WMBECONSULTANTS.COM EMAIL:DANIEL@WMBECONSULTANTS.COM CHARLESTON AREA OFFICE 217 N. LIVE OAK DRIVE MONCK'S CORNER, SOUTH CAROLINA EMAIL:JOE@WMBECONSULTANTS.COM THESE DRAWINGS ARE THE PROPERTY OF: WM BUILDING ENVELOPE CONSULTANTS, LLC THE REPRODUCTION, COPYING OR OTHER USE OF THESE DRAWINGS WITHOUT THEIR WRITTEN CONSENT IS PROHIBITED AND MAY BE SUBJECT TO LEGAL ACTION.

 EXISTING ROOF BEAM SEE PARAPET WALL DETAIL FOR SPECIFIC COMPONENTS FULLY ADHERED BASE FLASHING SYSTEM STRIP IN PLY POLYMER CLAD EDGE METAL ATTACHED TO NAILERS 3" O.C. STAGGERED ROOF MEMBRANE SYSTEM PREFABRICATED POLYMER CLAD METAL CLOSURE EXTENDING BEYOND ROOF EDGE ONTO ROOF BEAM				 DESIGNED: CW MIDLANDS TECHNICAL COLLEGE VPBA ROOF SALUDA HALL STATE PROJECT NO: H59-N320-PD 1260 LEXINGTON DRIVE WEST COLUMBIA, SC 29170  BUILDING ENVELOPE CONSULTANTS, LLC <u>COLUMBIA AREA OFFICE</u> 1611 CHAPIN ROAD CHAPIN, SOUTH CAROLINA EMAIL:CHRIS@WMBECONSULTANTS.COM EMAIL:DANIEL@WMBECONSULTANTS.COM <u>CHARLESTON AREA OFFICE</u> 217 N. LIVE OAK DRIVE MONCKS CORNER, SOUTH CAROLINA EMAIL:JOE@WMBECONSULTANTS.COM THESE DRAWINGS ARE THE PROPERTY OF: WM BUILDING ENVELOPE CONSULTANTS, LLC THE REPRODUCTION, COPYING OR OTHER USE OF THESE DRAWINGS WITHOUT THEIR WRITTEN CONSENT IS PROHIBITED AND MAY BE SUBJECT TO LEGAL ACTION. PROJECT NUMBER: 2025-104 CONSTRUCTION DOCUMENTS DATE: 05-22-2025 DETAILS (SINGLE PLY) D-1.2
13 D-1.2 ROOF BEAM TO ROOF EDGE N.T.S.	14 D-1.2 WALKPAD N.T.S.	15 D-1.2 CONCRETE TO METAL DECK TRANSITION N.T.S.	16 D-1.2 DETAIL NOT USED N.T.S.	
17 D-1.2 DETAIL NOT USED N.T.S.	18 D-1.2 DETAIL NOT USED N.T.S.	19 D-1.2 DETAIL NOT USED N.T.S.	20 D-1.2 DETAIL NOT USED N.T.S.	
21 D-1.2 DETAIL NOT USED N.T.S.	22 D-1.2 DETAIL NOT USED N.T.S.	23 D-1.2 DETAIL NOT USED N.T.S.	24 D-1.2 DETAIL NOT USED N.T.S.	

 1 D-2.1 WATERPROOFING TERM. AT GRADE - ALT. No. 3 N.T.S.	 2 D-2.1 THROUGH WALL FLASHING - ALT. No. 2 N.T.S.	 3 D-2.1 THROUGH WALL FLASHING TERMINATIONS N.T.S.	NOTE: 1. PARGE COAT TO BE INSTALLED TO PROVIDE FOR A SMOOTH SUBSTRATE.  4 D-2.1 BELOW GRADE WATERPROOFING - ALT. No. 3 N.T.S.	 DESIGNED: CW MIDLANDS TECHNICAL COLLEGE VPBA ROOF SALUDA HALL STATE PROJECT NO: H59-N320-PD 1260 LEXINGTON DRIVE WEST COLUMBIA, SC 29170
NOTE: 1. SEALANT JOINT TO EXTEND UP AND OVER THE TOP OF THE PRE-CAST PARAPET.  5 D-2.1 STANDARD SEALANT JOINT N.T.S.	 6 D-2.1 FILLET SEALANT JOINT - ALT. No. 2 N.T.S.	7 D-2.1 DETAIL NOT USED N.T.S.	8 D-2.1 DETAIL NOT USED N.T.S.	 COLUMBIA AREA OFFICE 1611 CHAPIN ROAD CHAPIN, SOUTH CAROLINA EMAIL:CHRIS@WMBECONSULTANTS.COM EMAIL:DANIEL@WMBECONSULTANTS.COM CHARLESTON AREA OFFICE 217 N. LIVE OAK DRIVE MONCK'S CORNER, SOUTH CAROLINA EMAIL:JOE@WMBECONSULTANTS.COM
9 D-2.1 DETAIL NOT USED N.T.S.	10 D-2.1 DETAIL NOT USED N.T.S.	11 D-2.1 DETAIL NOT USED N.T.S.	12 D-2.1 DETAIL NOT USED N.T.S.	THESE DRAWINGS ARE THE PROPERTY OF: WM BUILDING ENVELOPE CONSULTANTS, LLC THE REPRODUCTION, COPYING OR OTHER USE OF THESE DRAWINGS WITHOUT THEIR WRITTEN CONSENT IS PROHIBITED AND MAY BE SUBJECT TO LEGAL ACTION. PROJECT NUMBER: 2025-104 CONSTRUCTION DOCUMENTS DATE: 05-22-2025 DETAILS (EXTERIOR WALL) D-2.1