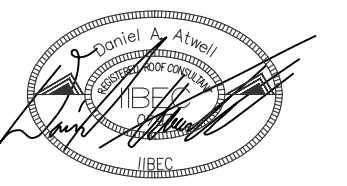


SPARTANBURG COMMUNITY COLLEGE P. DAN HULL BUILDING ROOF REPLACEMENT

PROJECT NUMBER: H59-6273



DESIGNED: DANIEL ATWELL

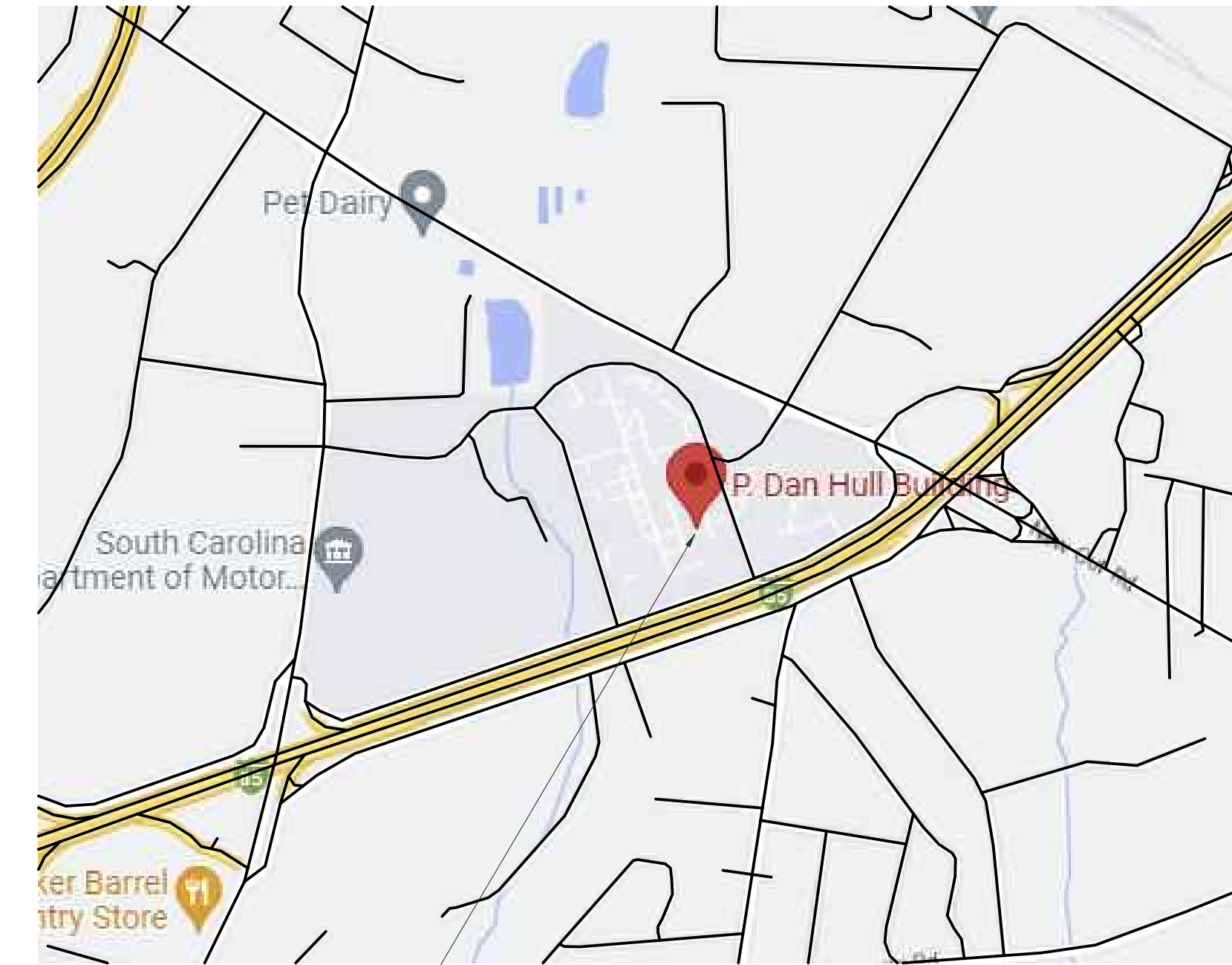
SPARTANBURG COMMUNITY COLLEGE
P. DAN HULL BUILDING ROOF
REPLACEMENT
PROJECT NUMBER: H59-6273
111 COMMUNITY COLLEGE DRIVE
SPARTANBURG, SC 29303

SITE LOCATIONS



SCC - P. DAN HULL
111 COMMUNITY COLLEGE DRIVE
SPARTANBURG, SC 29303

FACILITY MAP



SCC - P. DAN HULL
111 COMMUNITY COLLEGE DRIVE
SPARTANBURG, SC 29303

LOCATION MAP

EXISTING ROOF CORE SUMMARY

CORE NUMBER AND IDENTIFIER	SBUR	GBUR	HR1	KR1
▲ CORE NUMBER AND IDENTIFIER	CR2	FR2	HR1	KR1
▲ FLASHING NUMBER AND IDENTIFIER	FR1	GR1	HR2	KR2
POLYISOCYANURATE = 2" METAL ROOF DECK TOTAL THICKNESS = 3-1/2"	DR1	GR2	IR1	KR3
POLYISOCYANURATE = 2" METAL ROOF DECK TOTAL THICKNESS = 3-1/2"	DR2	GR3	IR2	KR4
POLYISOCYANURATE = 2" METAL ROOF DECK TOTAL THICKNESS = 3-1/2"	ER1	GR4	JR1	LR1
POLYISOCYANURATE = 2" METAL ROOF DECK TOTAL THICKNESS = 3-1/2"	ER2		JR2	LR2
BASE SHEET / VAPOR RETARDER CEMENTITIOUS WOOD FIBER ROOF DECK TOTAL THICKNESS = 3-1/2"	FR1			

CODE/INDUSTRY STANDARD REFERENCES

2021 IBC
2018 IEBC
2009 IECC
NRCA - LATEST EDITION
SMACNA - LATEST EDITION

WIND UPLIFT

SEE SPECIFICATIONS
SEISMIC REQUIREMENTS - IEBC

DRAWING SHEETS

R-1.0 COVER PAGE
R-1.1 OVERALL EXISTING ROOF PLAN
R-1.2 WIND UPLIFT ROOF PLAN
R-1.3 PARTIAL NEW ROOF PLAN (BASE BID)
R-1.4 PARTIAL NEW ROOF PLAN (ALTERNATE NO. 1)
R-1.5 PARTIAL TAPER ROOF PLAN (BASE BID)
R-1.6 PARTIAL TAPER ROOF PLAN (ALTERNATE NO. 1)
R-1.7 OVERALL WALKPAD PLAN
D-1.1 DETAILS
D-1.2 DETAILS
D-1.3 DETAILS

ABBREVIATIONS

MIN MINIMUM
MAX MAXIMUM
NRCA NATIONAL ROOFING CONTRACTORS ASSOCIATION
O.C. ON CENTER
SMACNA SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION

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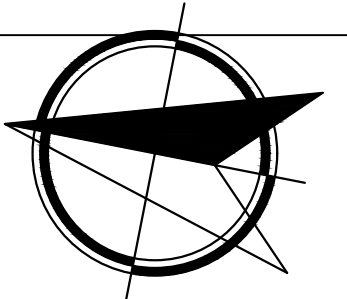
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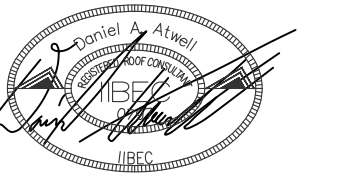
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COVER SHEET

R-1.0



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P-DAN HULL BUILDING ROOF
REPLACEMENT

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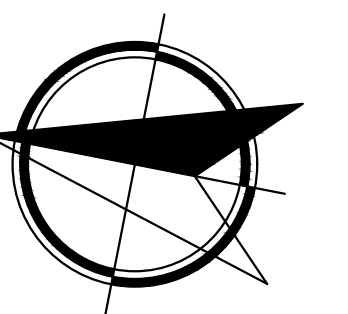
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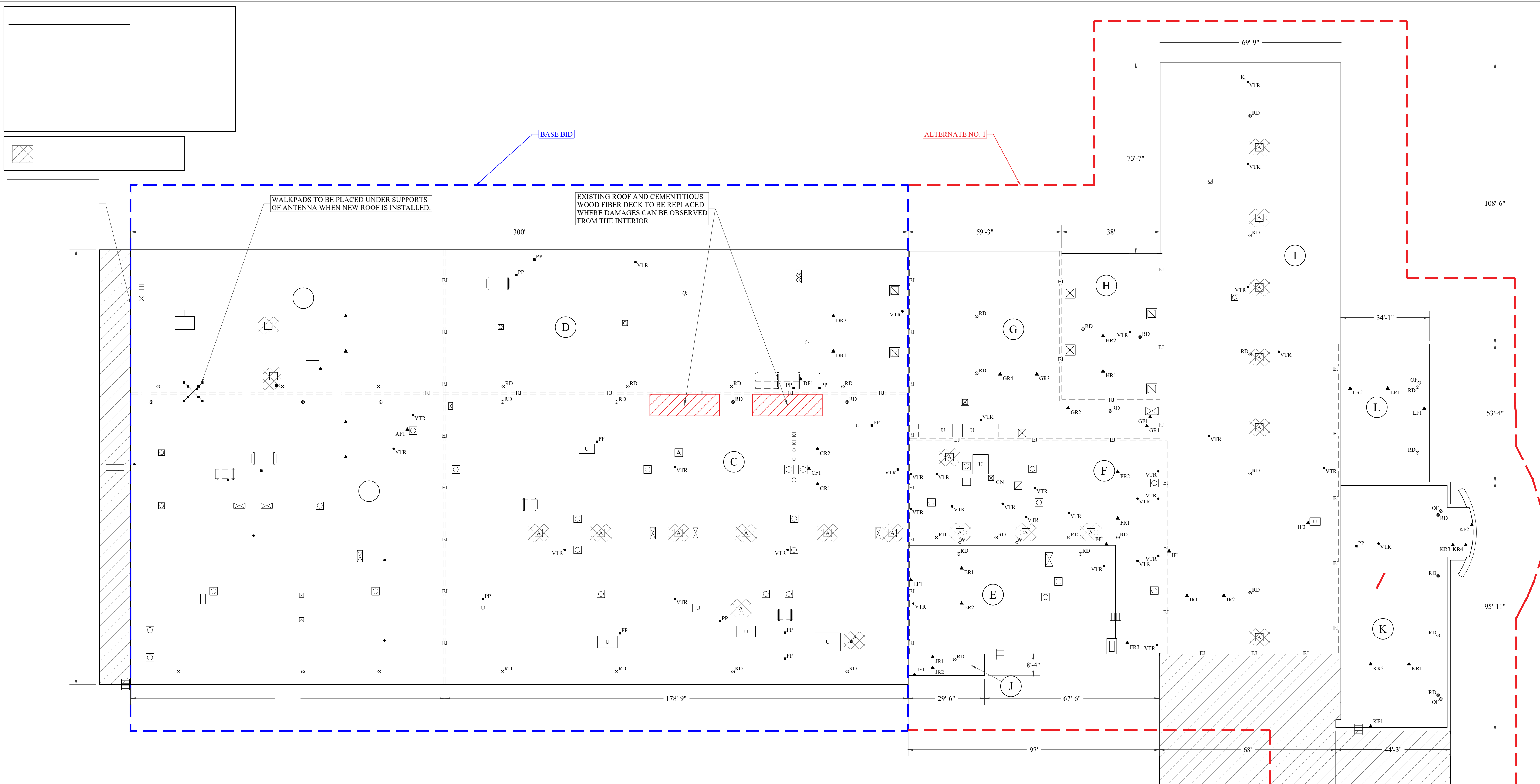
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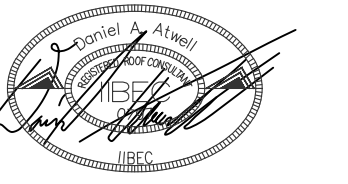
OVERALL EXISTING
ROOF PLAN

R-1.1



EXISTING ROOF CORE SUMMARY

▲	FR2	GBUR PERLITE = 1-1/2" BASE SHEET / VAPOR RETARDER TECTUM / CEMENTITIOUS WOOD FIBER DECK TOTAL THICKNESS = 2"	HR1	GBUR PERLITE = 3/4" POLYISOCYANURATE = 2" METAL ROOF DECK TOTAL THICKNESS = 3-1/4"	KR1	GBUR PERLITE = 1/2" POLYISOCYANURATE = 2" METAL ROOF DECK TOTAL THICKNESS = 3"
▲	GR1	GBUR PERLITE = 3" BASE SHEET / VAPOR RETARDER RED ROSEN PAPER CEMENTITIOUS WOOD FIBER ROOF DECK TOTAL THICKNESS = 3-1/2"	HR2	GBUR PERLITE = 3/4" POLYISOCYANURATE = 2" METAL ROOF DECK TOTAL THICKNESS = 3-1/4"	KR2	GBUR PERLITE = 1/2" POLYISOCYANURATE = 2" METAL ROOF DECK TOTAL THICKNESS = 3"
	GR2	GBUR PERLITE = 3" BASE SHEET / VAPOR RETARDER RED ROSEN PAPER CEMENTITIOUS WOOD FIBER ROOF DECK TOTAL THICKNESS = 3-1/2"	IR1	GBUR PERLITE = 1-1/2" BASE SHEET / VAPOR RETARDER TECTUM / CEMENTITIOUS WOOD FIBER DECK TOTAL THICKNESS = 2"	KR3	GBUR PERLITE = 3-1/4" POLYISOCYANURATE = 2" METAL ROOF DECK TOTAL THICKNESS = 5-1/2"
	GR3	GBUR PERLITE = 3" BASE SHEET / VAPOR RETARDER RED ROSEN PAPER CEMENTITIOUS WOOD FIBER ROOF DECK TOTAL THICKNESS = 3-1/2"	IR2	GBUR PERLITE = 1-1/2" BASE SHEET / VAPOR RETARDER TECTUM / CEMENTITIOUS WOOD FIBER DECK TOTAL THICKNESS = 2"	KR4	GBUR PERLITE = 3-1/4" POLYISOCYANURATE = 2" METAL ROOF DECK TOTAL THICKNESS = 5-1/2"
	GR4	GBUR PERLITE = 3" BASE SHEET / VAPOR RETARDER RED ROSEN PAPER CEMENTITIOUS WOOD FIBER ROOF DECK TOTAL THICKNESS = 3-1/2"	JR1	SBUR PERLITE = 3/4" BASE SHEET / VAPOR RETARDER GYPSUM OVER METAL FORM TOTAL THICKNESS = 2-1/4"	LR1	GBUR PERLITE = 1/2" POLYISOCYANURATE = 2" METAL ROOF DECK TOTAL THICKNESS = 3"
			JR2	SBUR PERLITE = 3/4" BASE SHEET / VAPOR RETARDER GYPSUM OVER METAL FORM TOTAL THICKNESS = 2-1/4"	LR2	GBUR PERLITE = 1/2" POLYISOCYANURATE = 2" METAL ROOF DECK TOTAL THICKNESS = 3"



DESIGNED: DANIEL ATWELL

SPARTANBURG COMMUNITY COLLEGE
P. DAN HULL BUILDING ROOF
REPLACEMENT

PROJECT NUMBER: H59-6273

111 COMMUNITY COLLEGE DRIVE
SPARTANBURG, SC 29303



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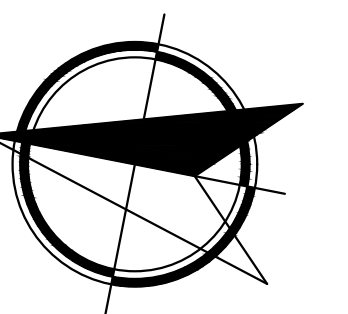
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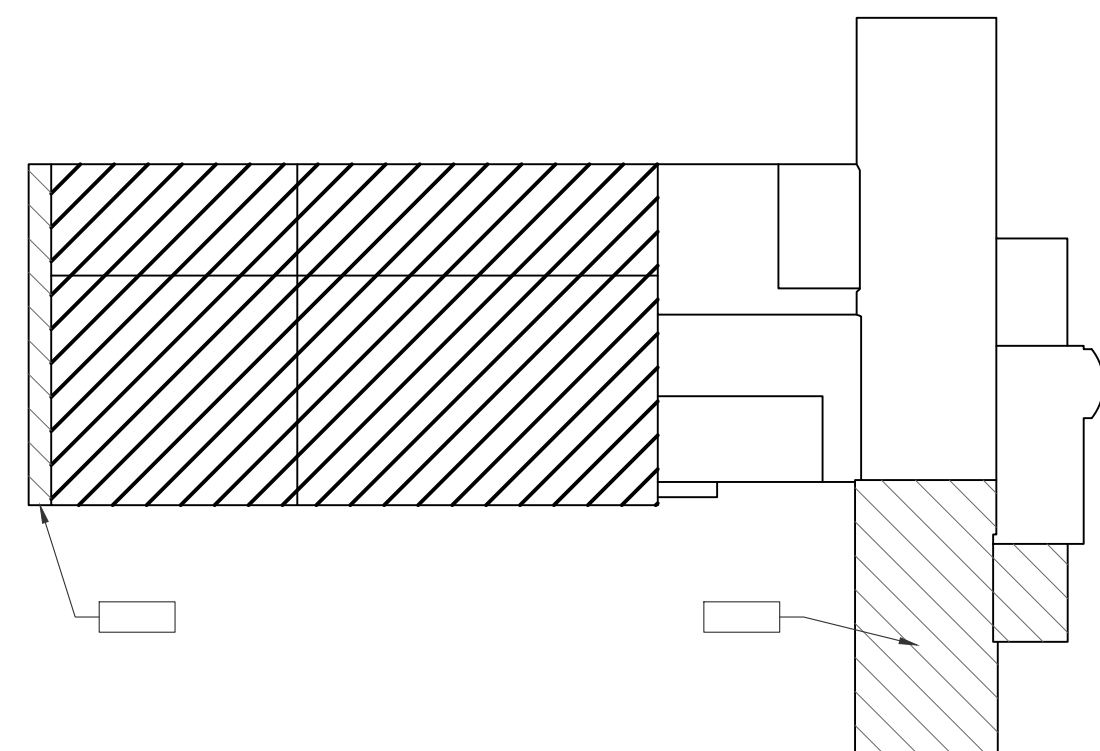
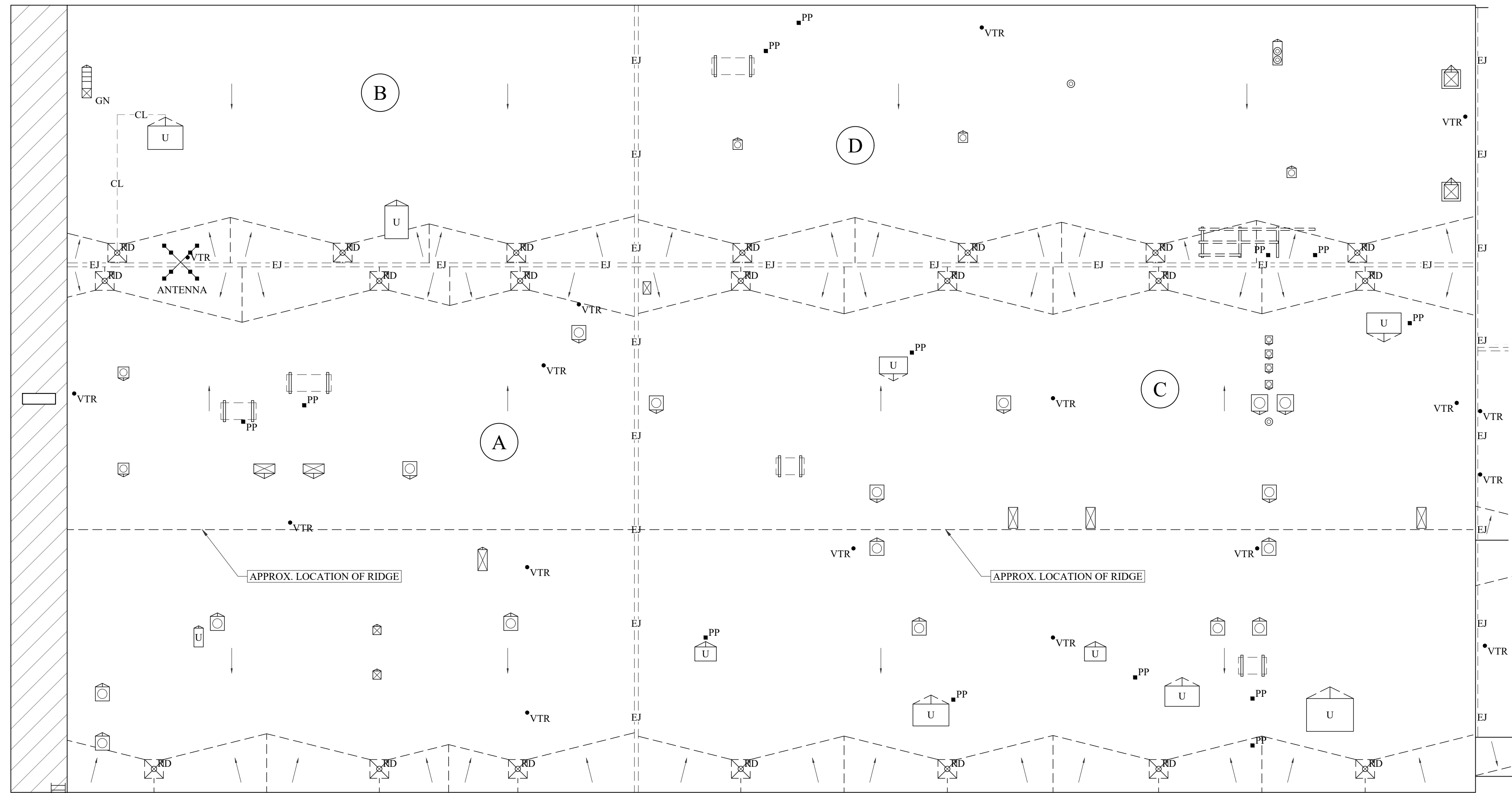
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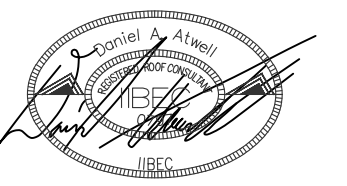
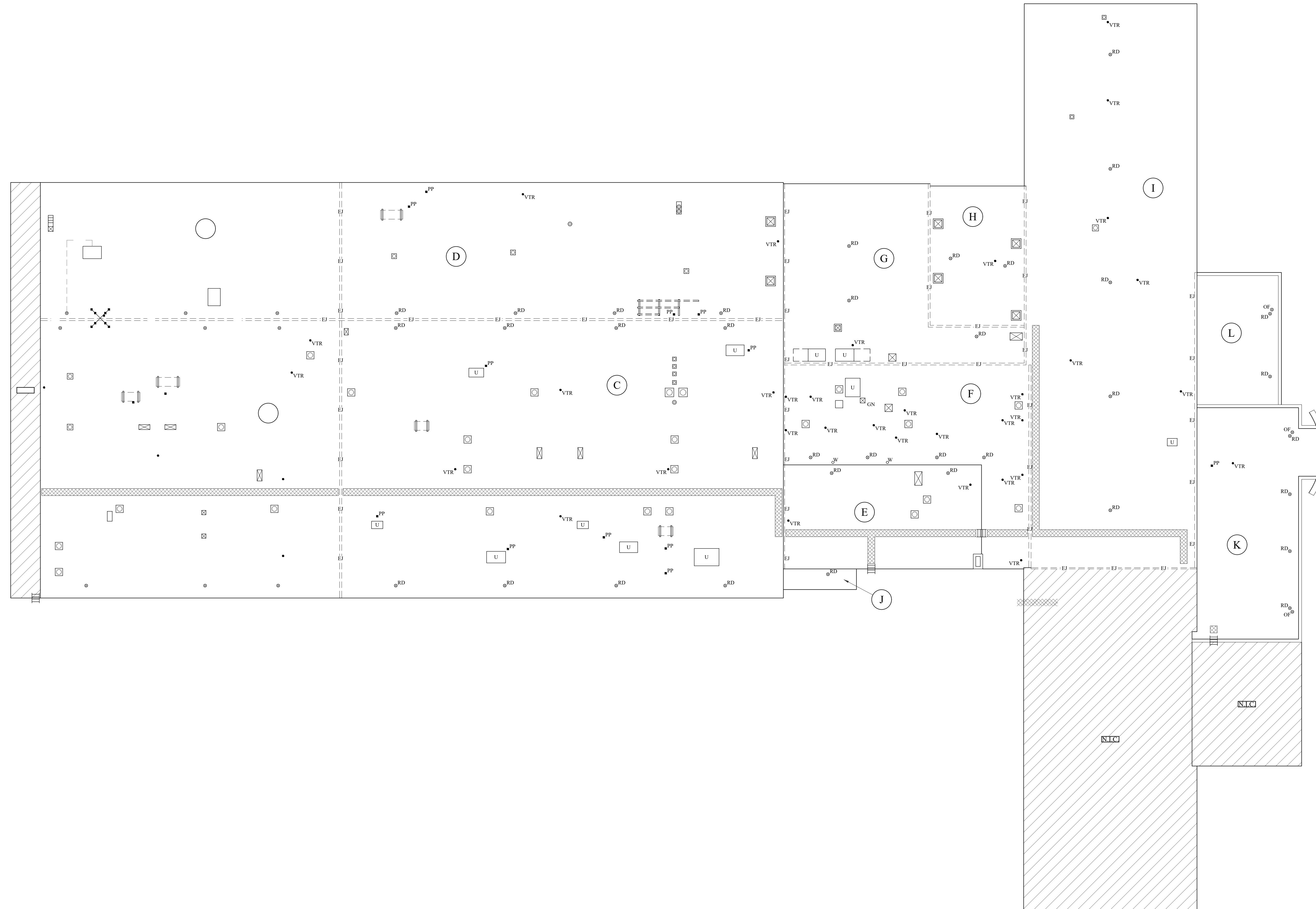
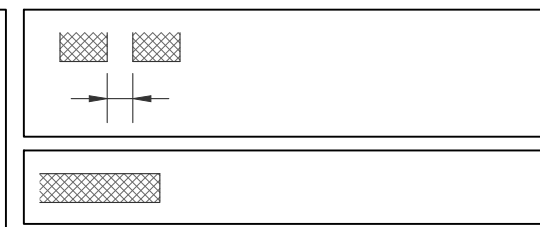
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PARTIAL TAPER ROOF
PLAN (BASE BID)

R-1.5



1 PARTIAL TAPER ROOF PLAN (BASE BID)
R-1.5 1/16" = 1'-0"



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P-DAN HULL BUILDING ROOF
REPLACEMENT

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SPARTANBURG, SC 29303



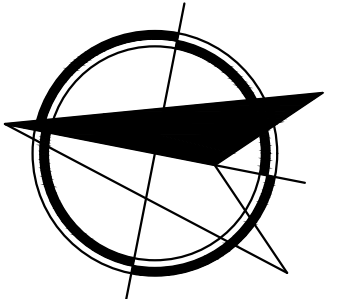
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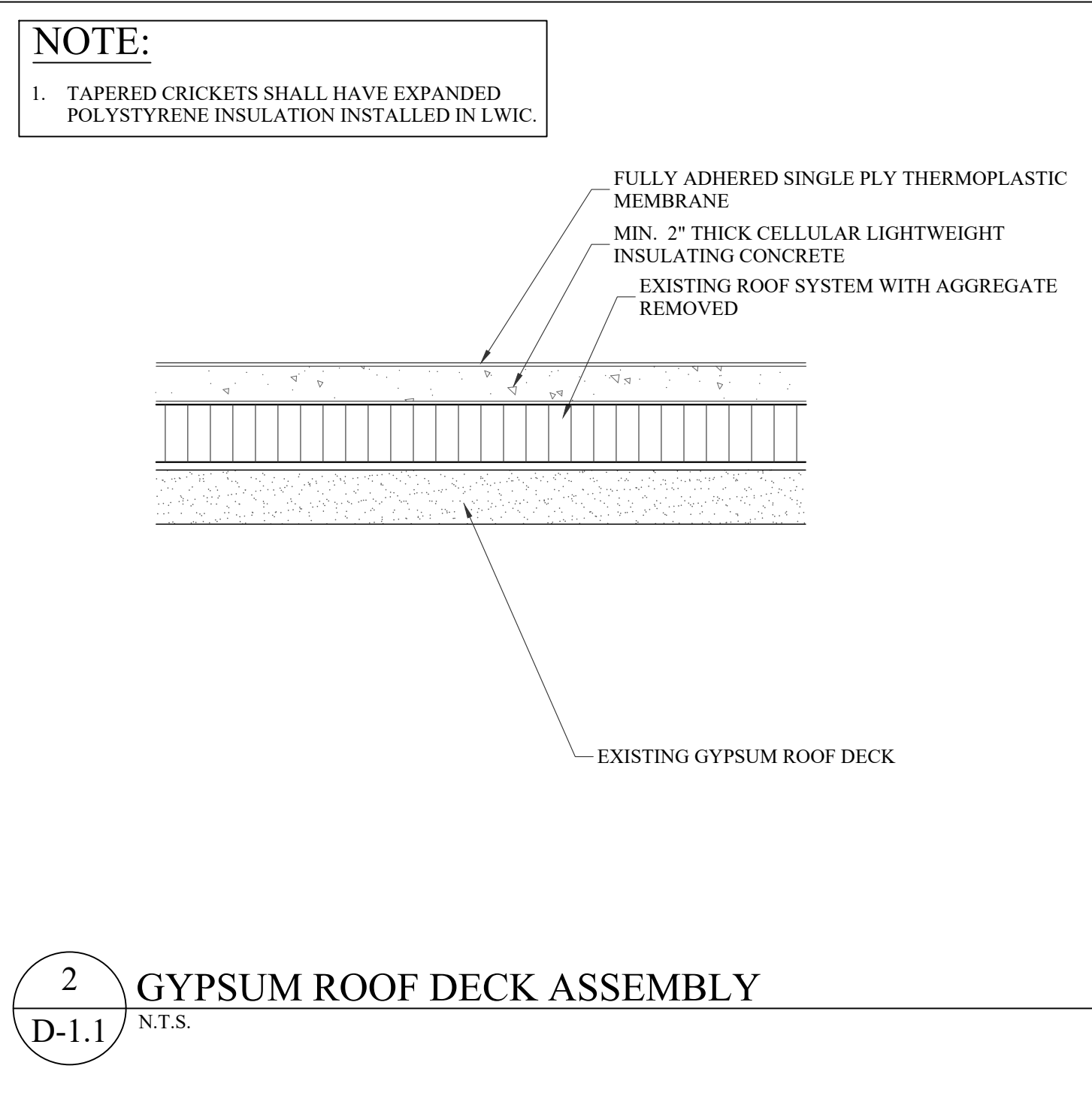
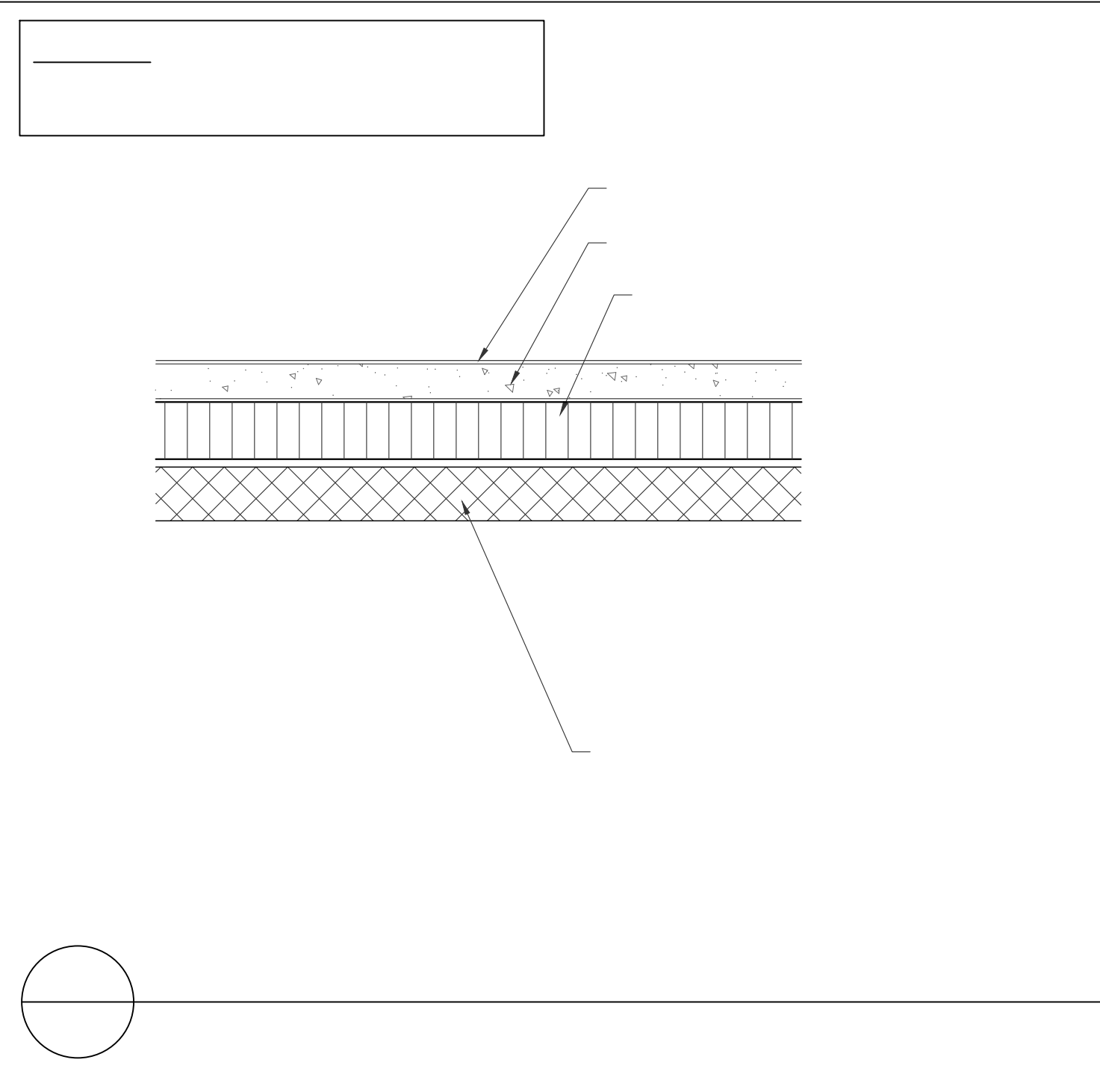
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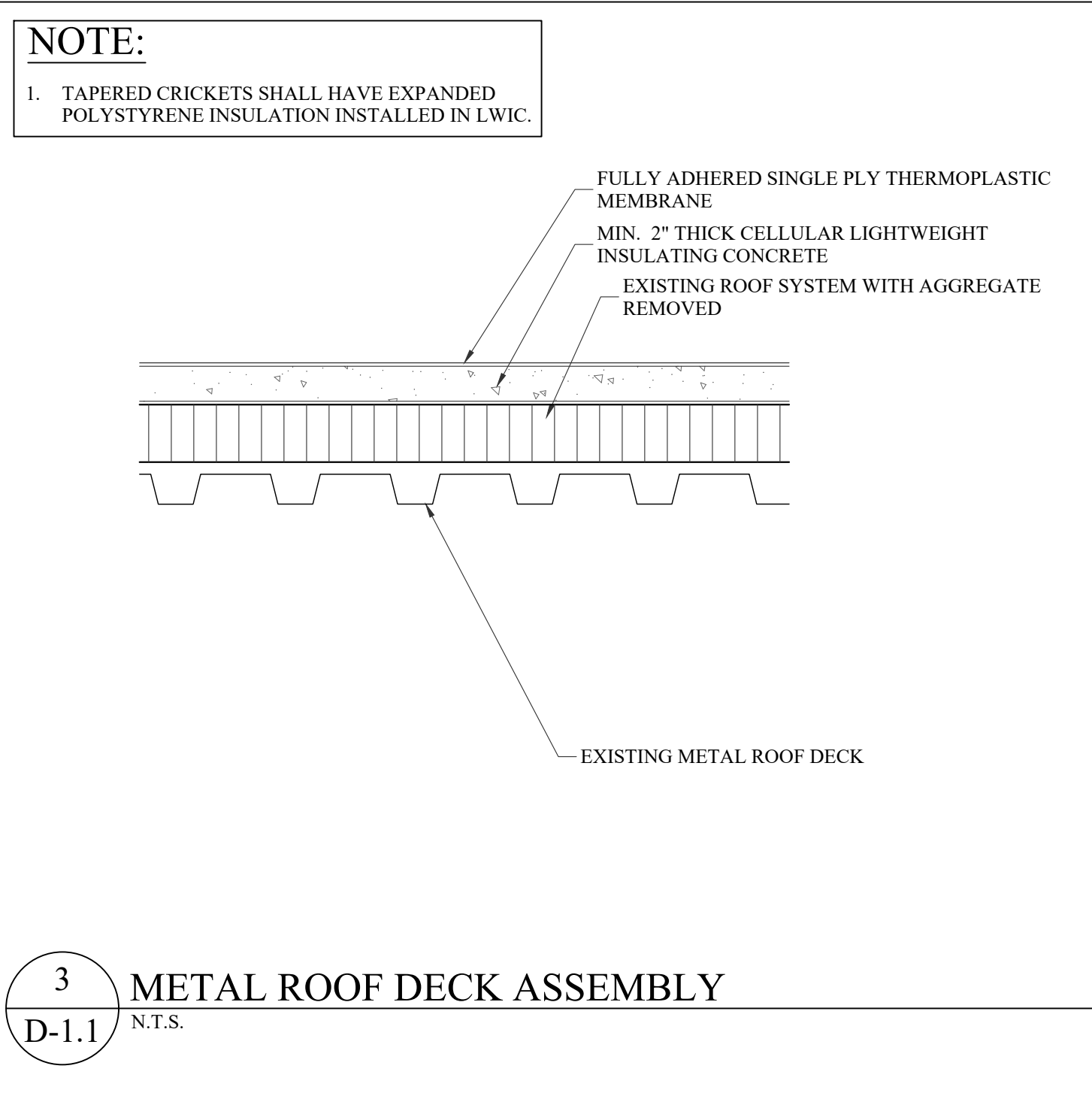
OVERALL WALKPAD
PLAN

R-1.7

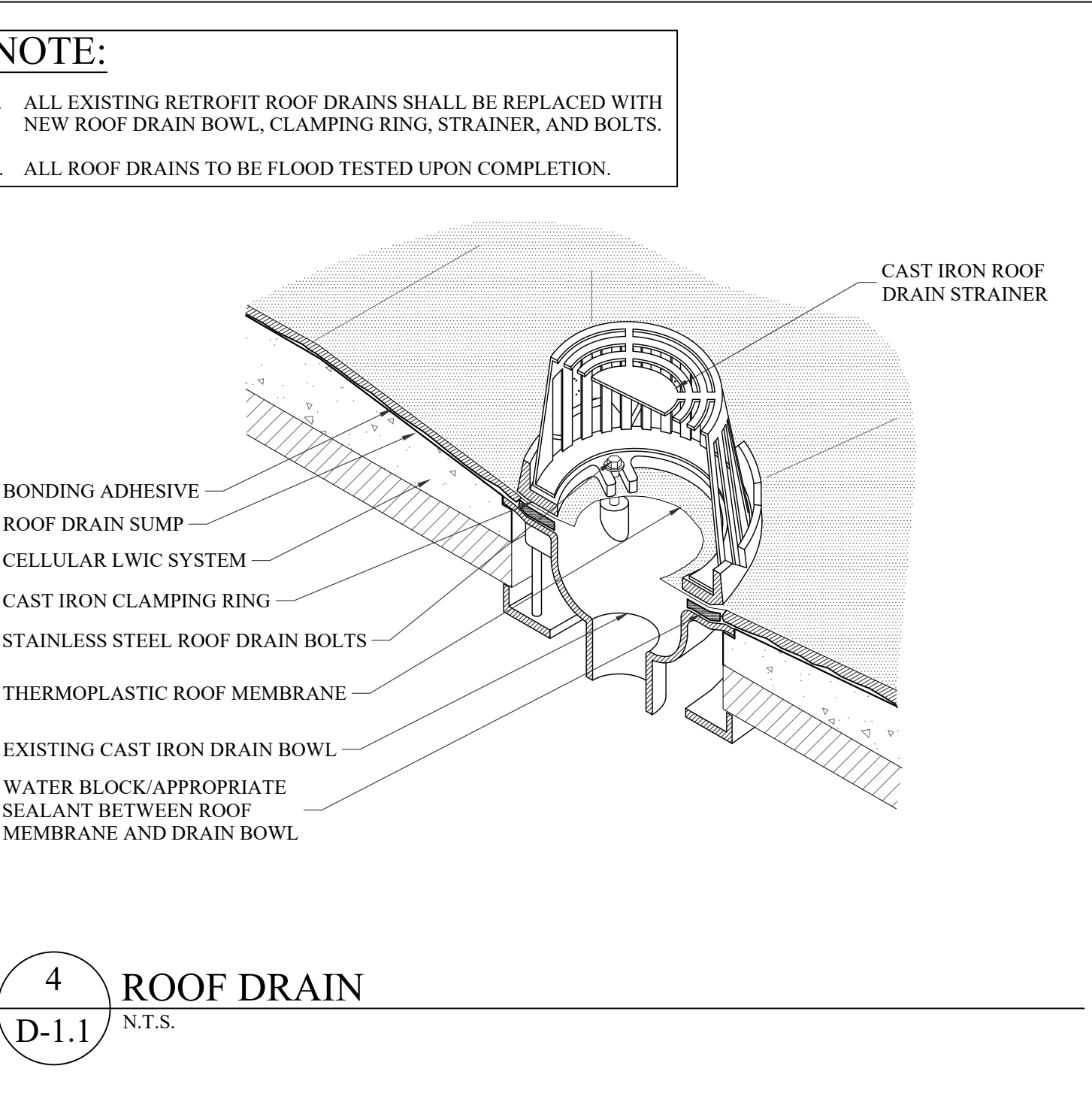
1 OVERALL WALKPAD ROOF PLAN
R-1.7 1" = 20'



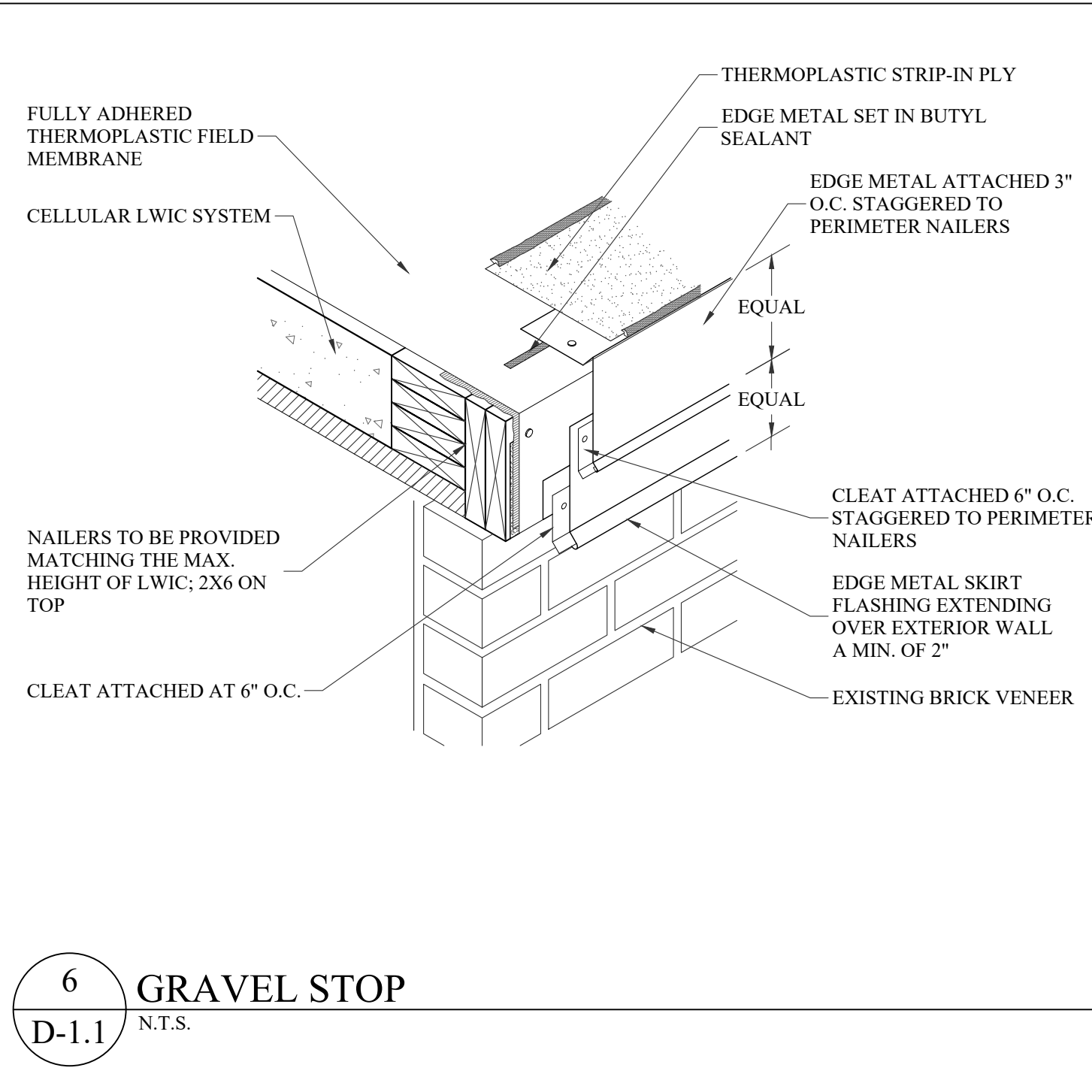
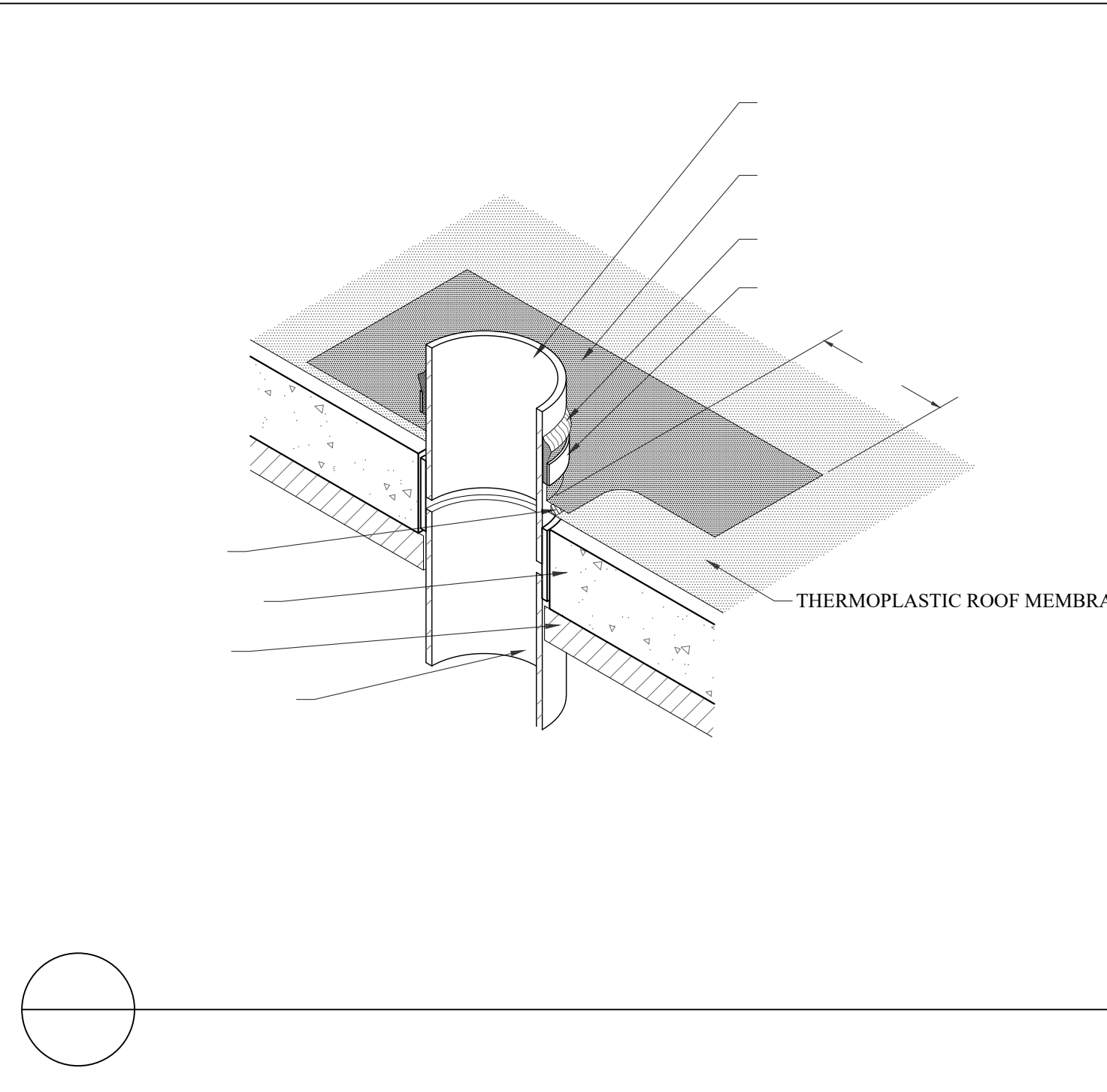
2
D-1.1 GYPSUM ROOF DECK ASSEMBLY
N.T.S.



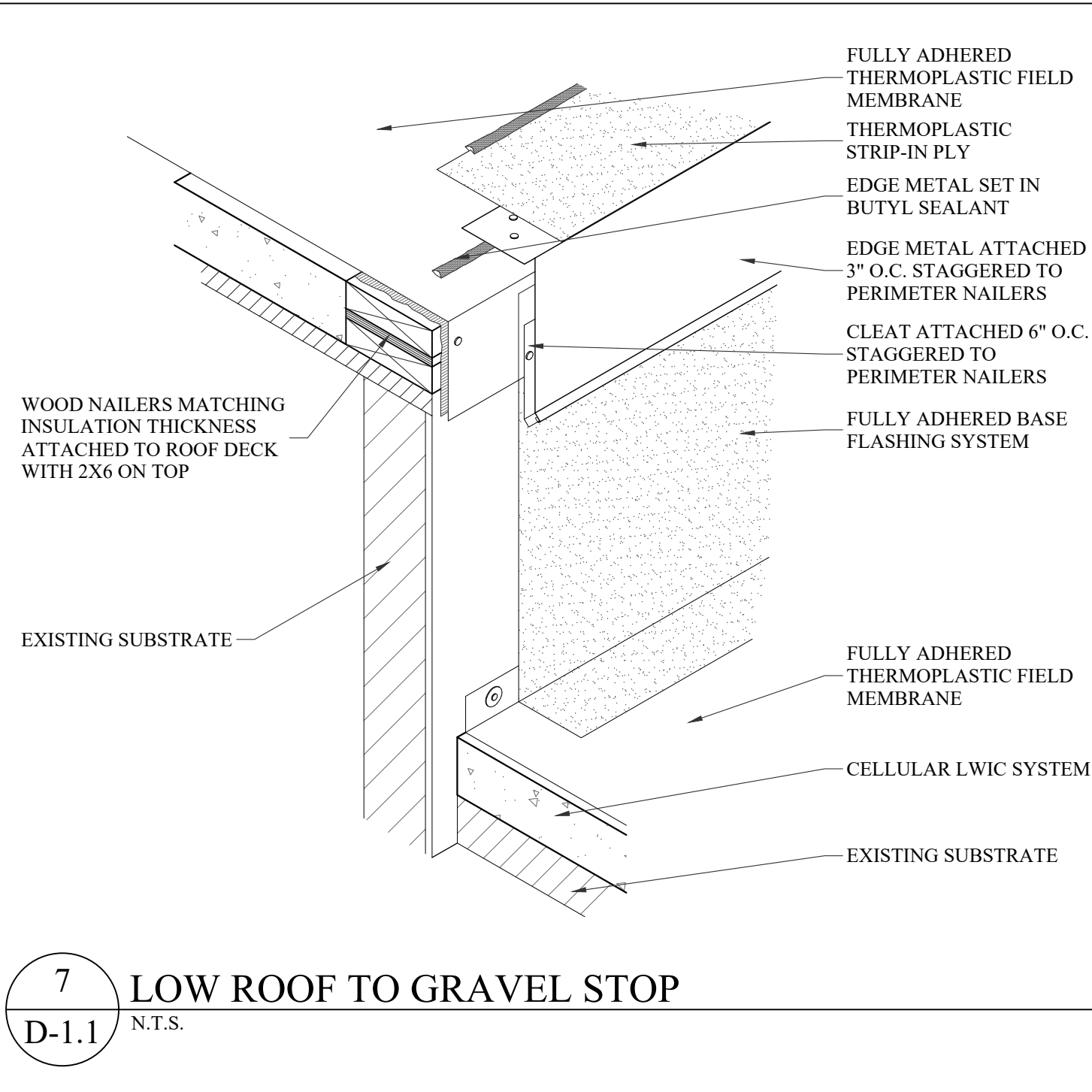
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D-1.1 METAL ROOF DECK ASSEMBLY
N.T.S.



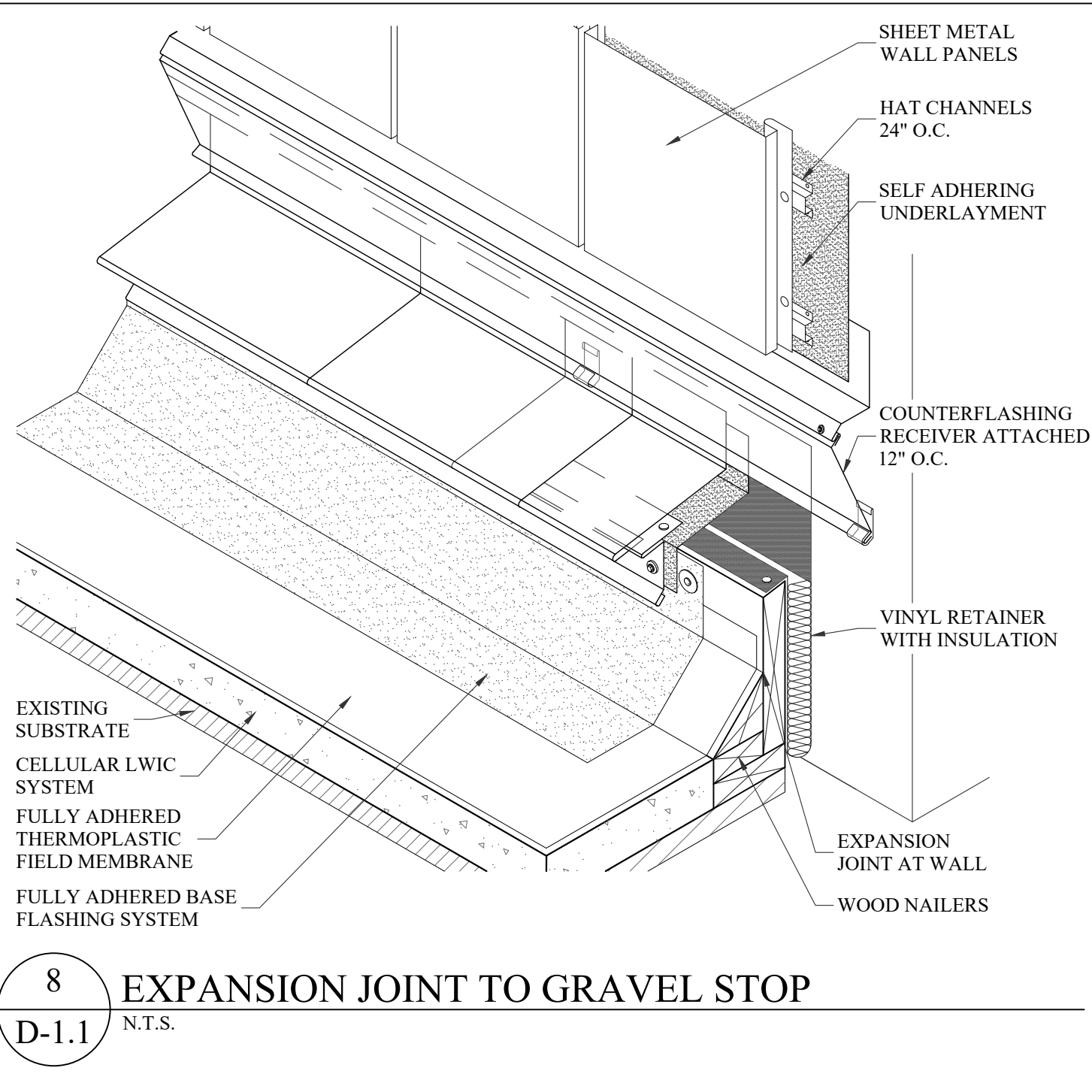
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D-1.1 ROOF DRAIN
N.T.S.



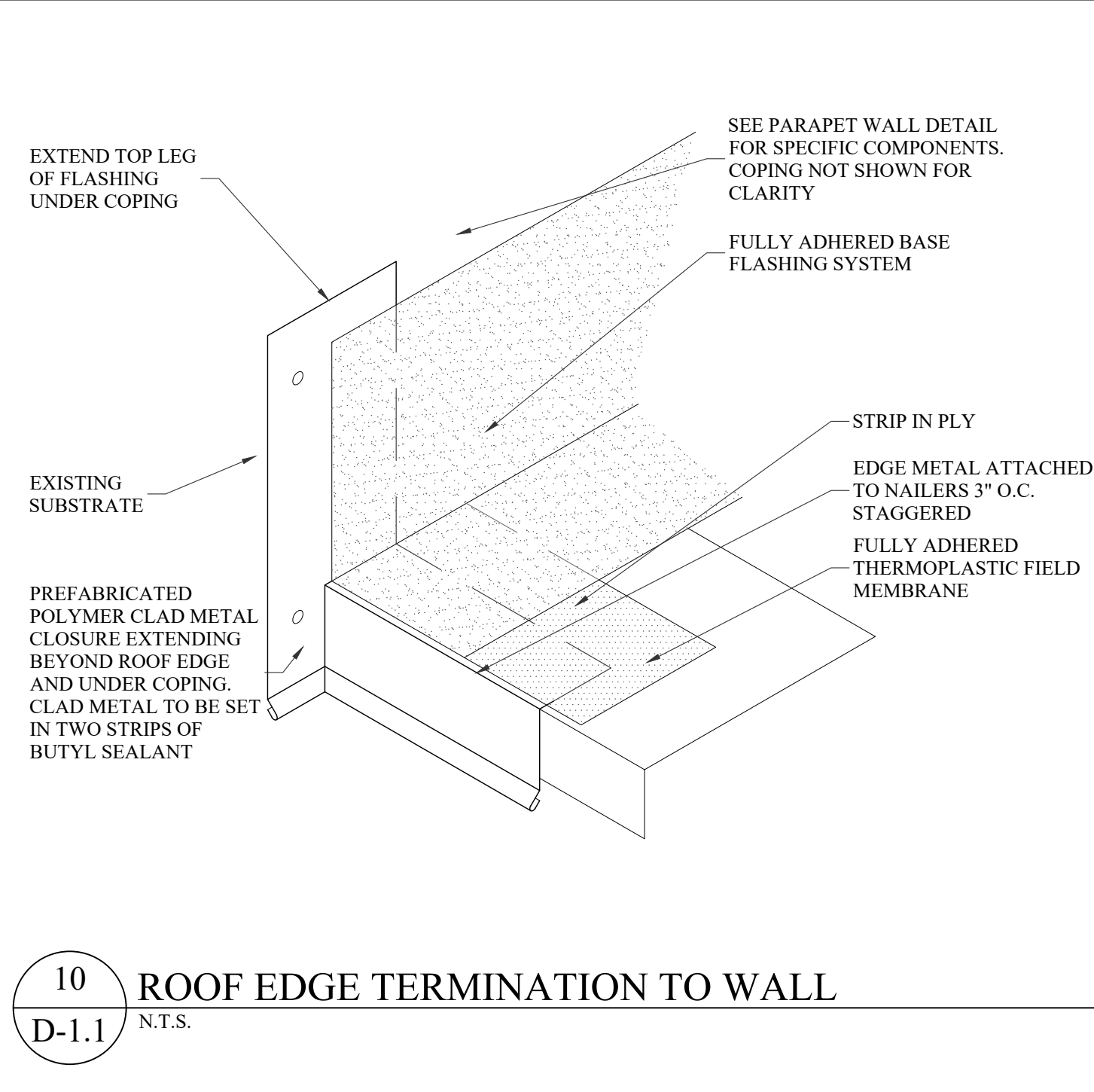
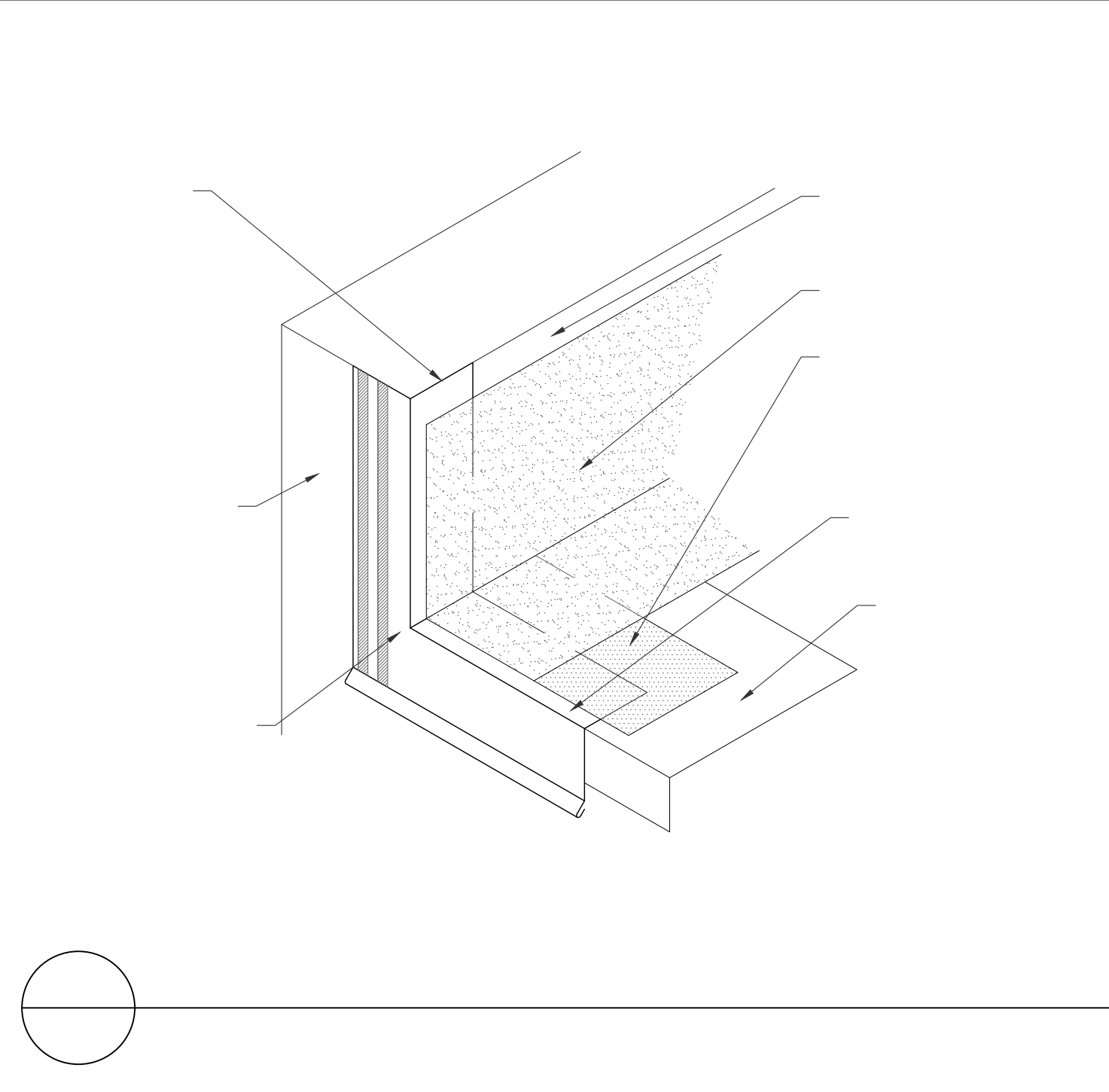
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D-1.1 GRAVEL STOP
N.T.S.



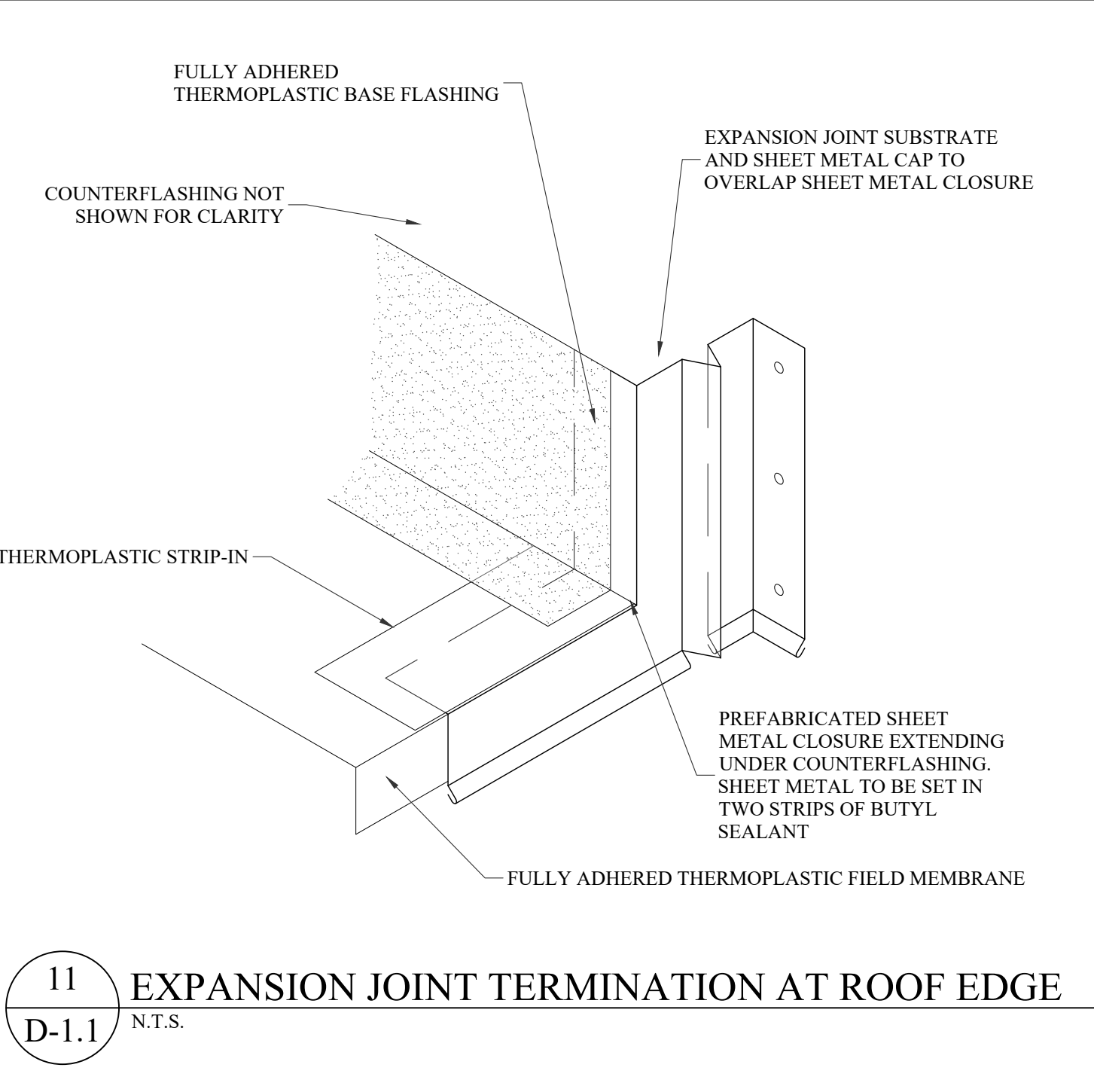
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D-1.1 LOW ROOF TO GRAVEL STOP
N.T.S.



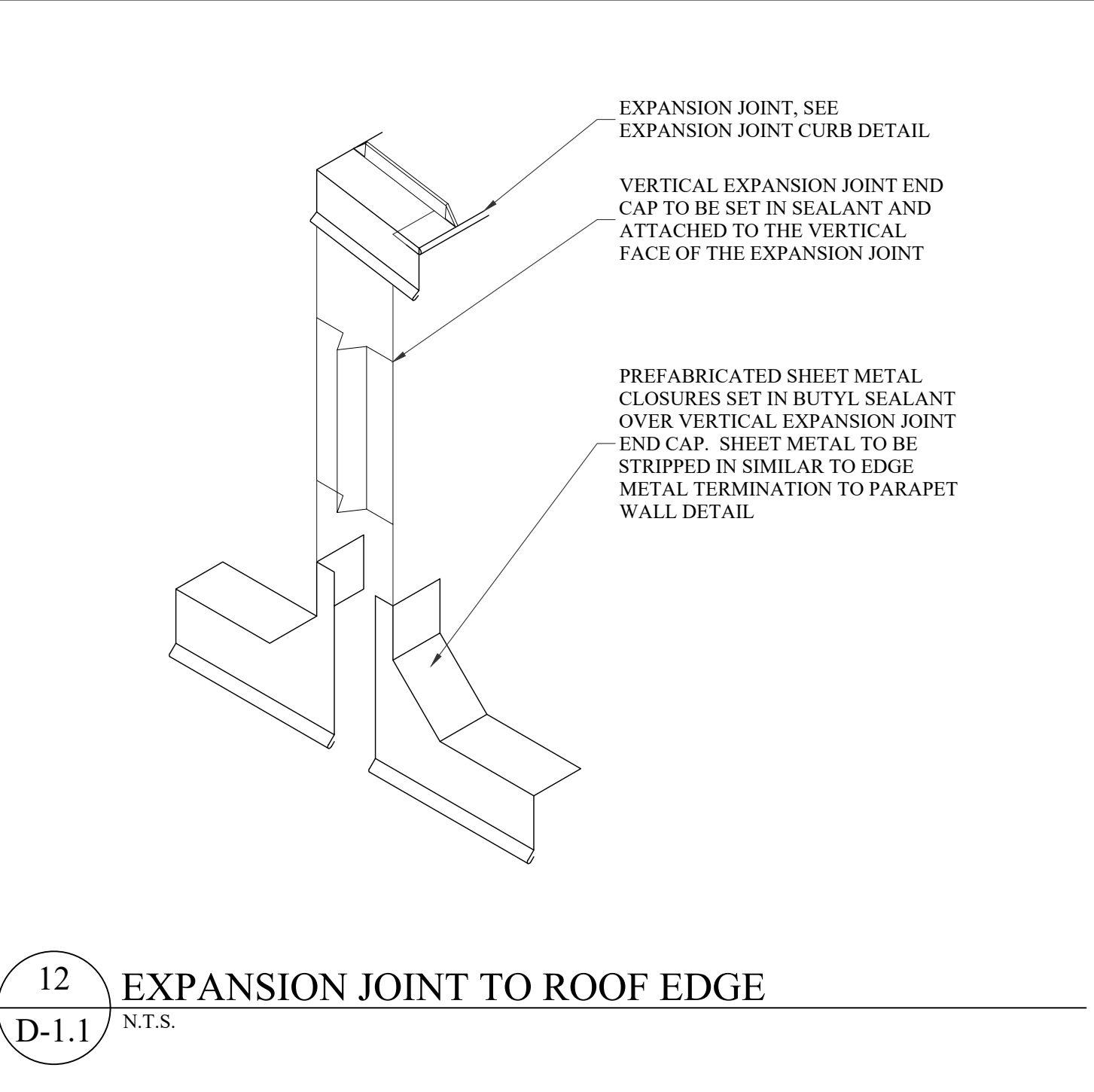
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D-1.1 EXPANSION JOINT TO GRAVEL STOP
N.T.S.



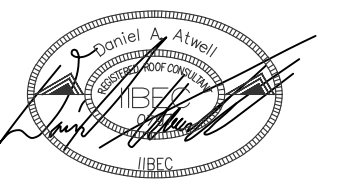
10
D-1.1 ROOF EDGE TERMINATION TO WALL
N.T.S.



11
D-1.1 EXPANSION JOINT TERMINATION AT ROOF EDGE
N.T.S.



12
D-1.1 EXPANSION JOINT TO ROOF EDGE
N.T.S.



DESIGNED: DANIEL ATWELL

SPARTANBURG COMMUNITY COLLEGE
P-DAN HULL BUILDING ROOF
REPLACEMENT
PROJECT NUMBER: H59-6273
111 COMMUNITY COLLEGE DRIVE
SPARTANBURG, SC 29303



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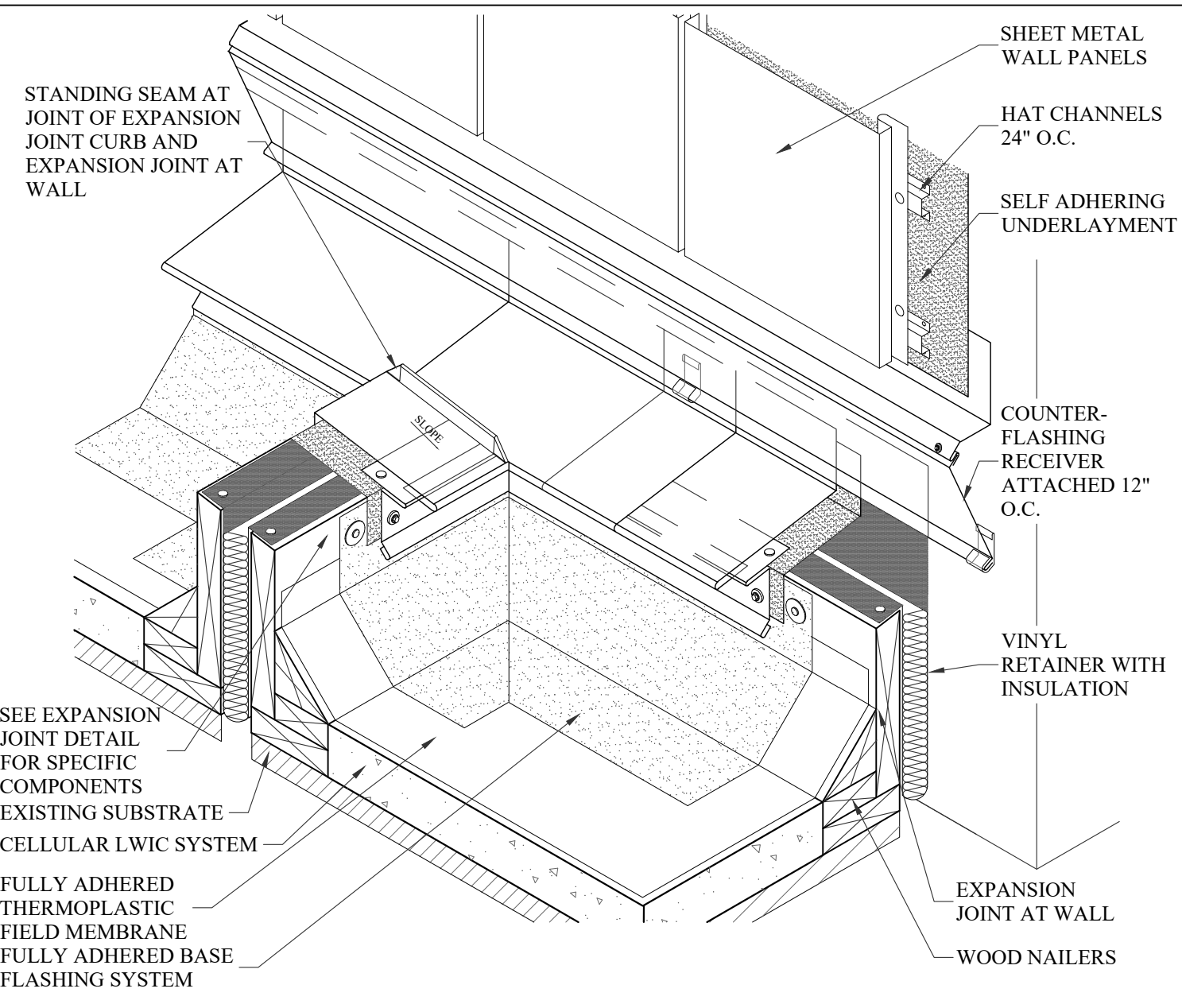
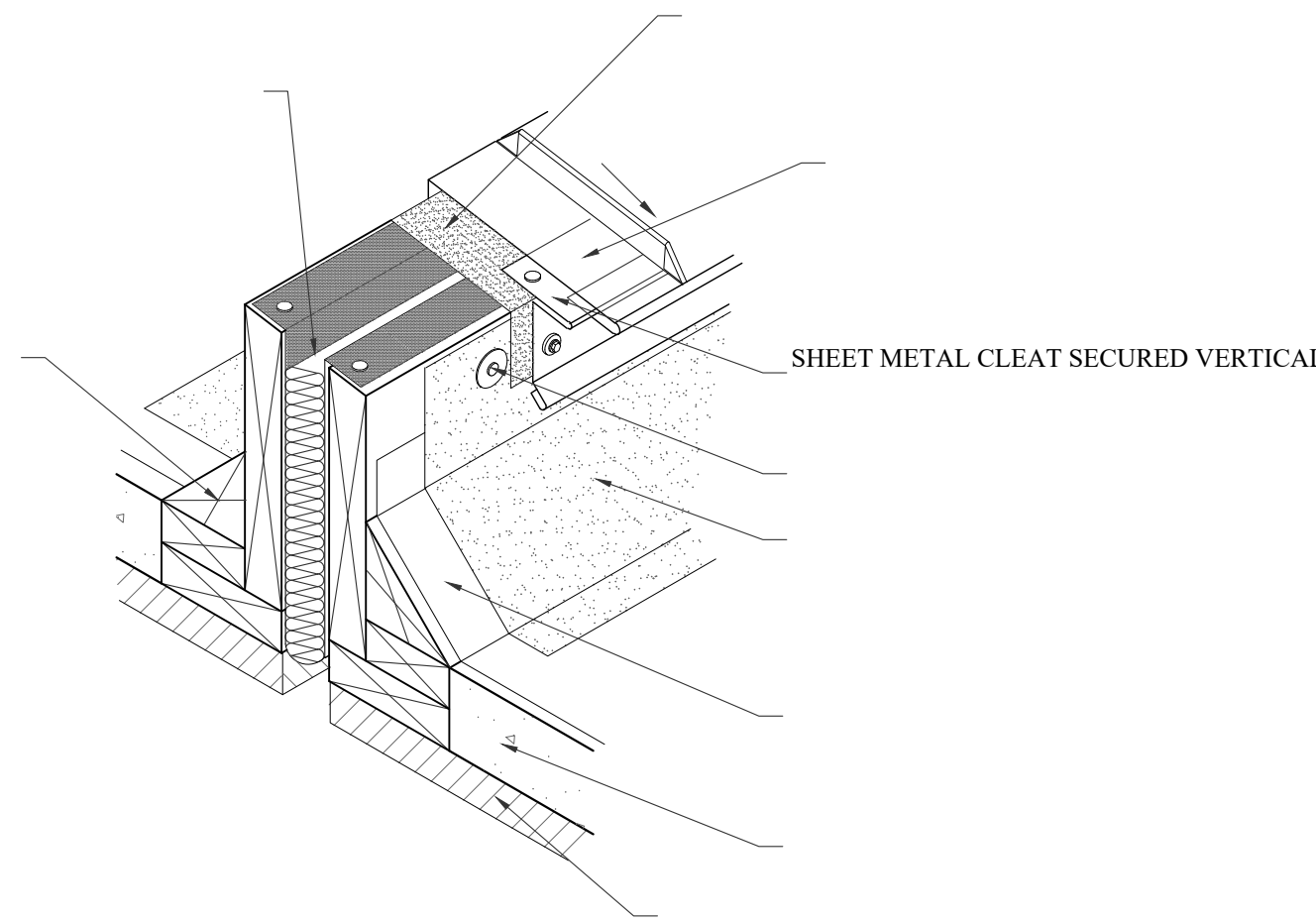
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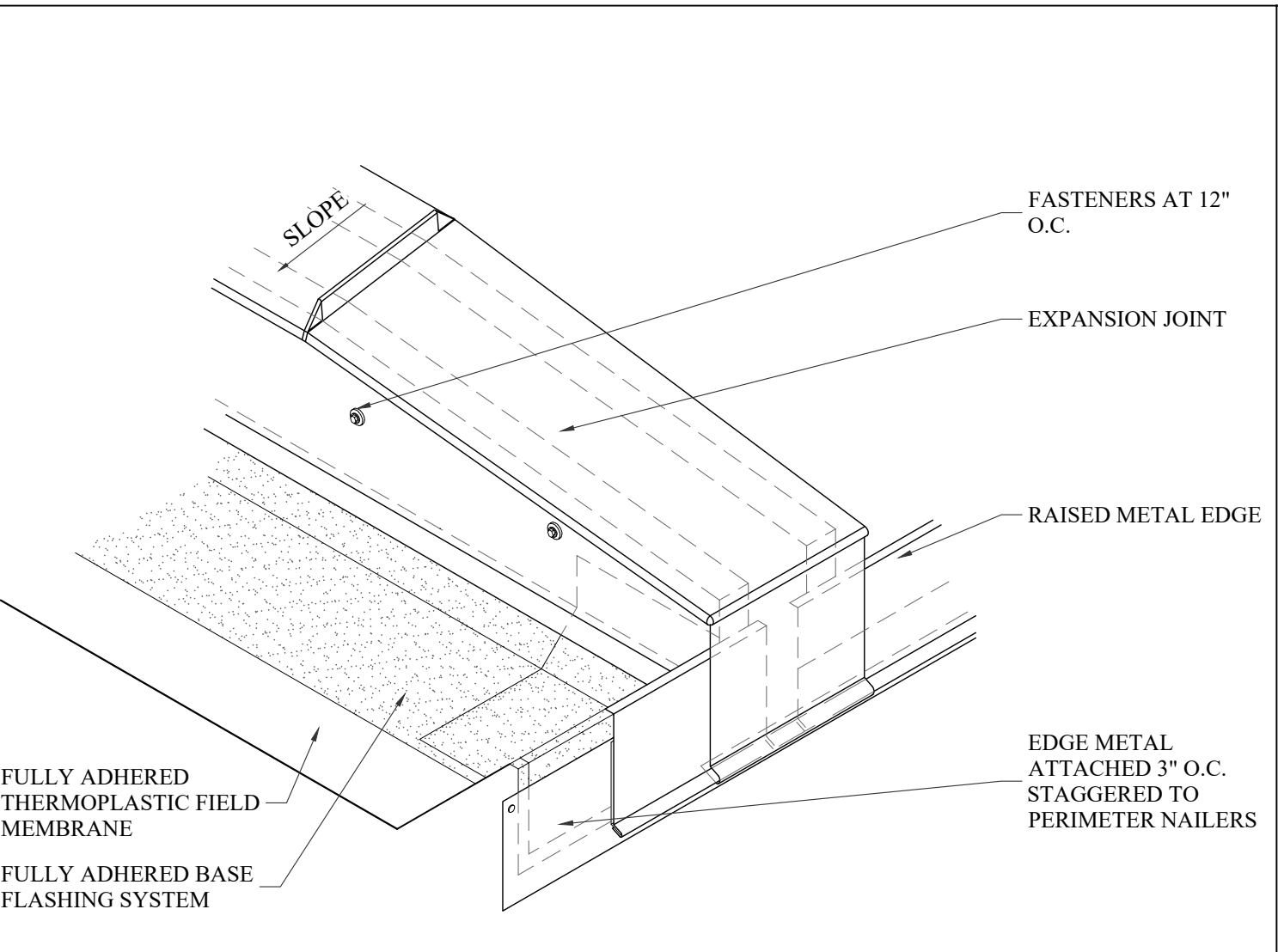
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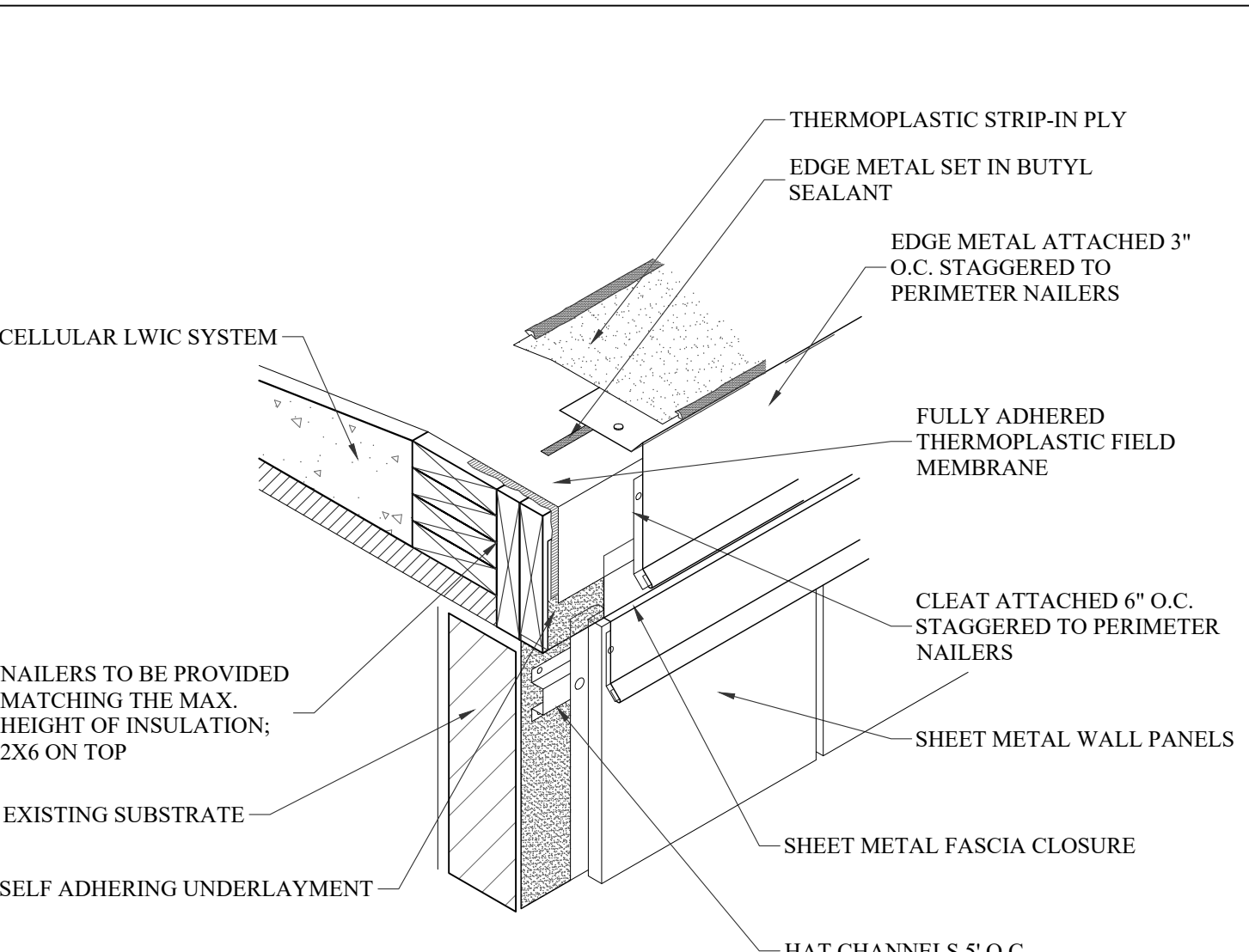
D-1.1



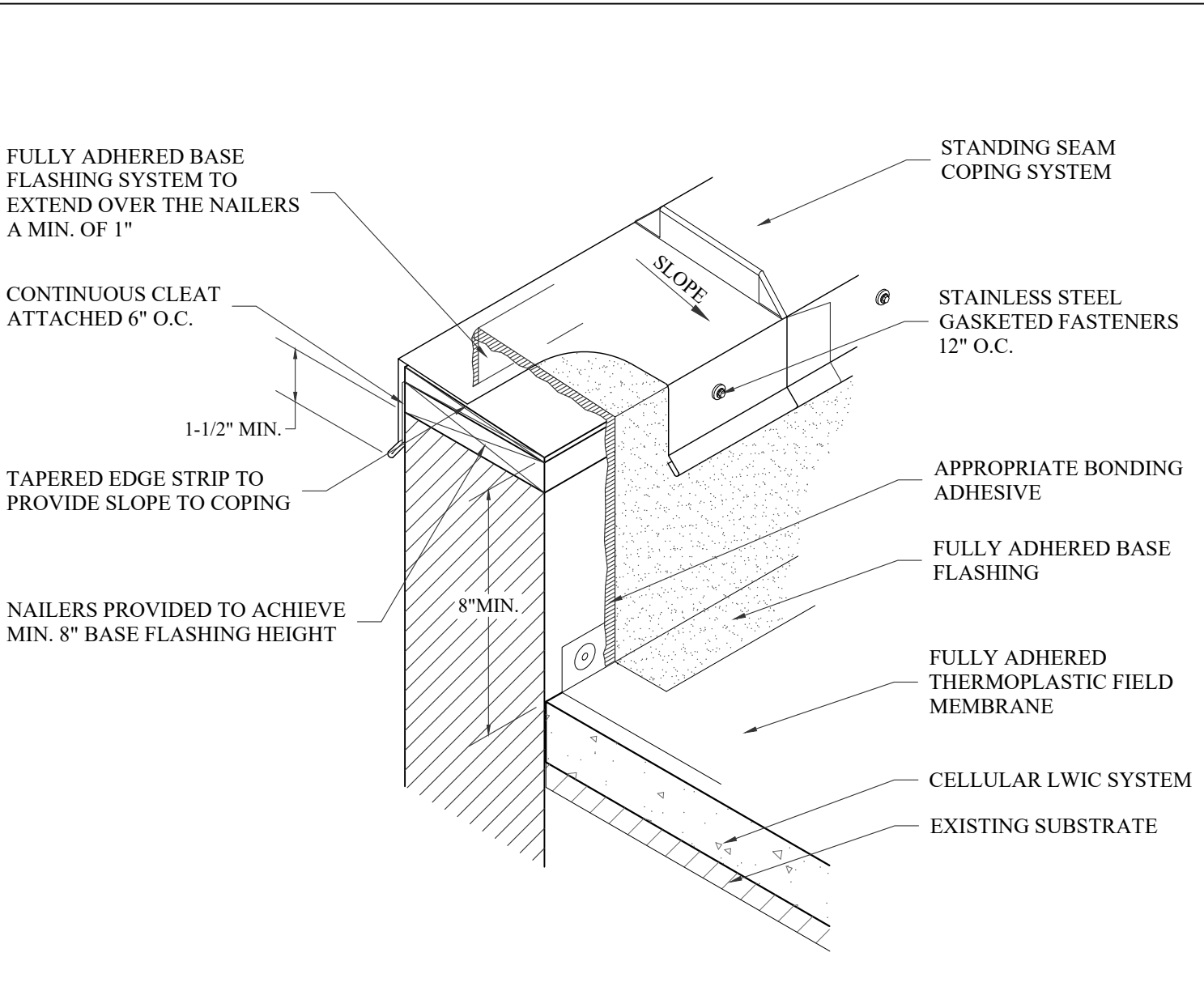
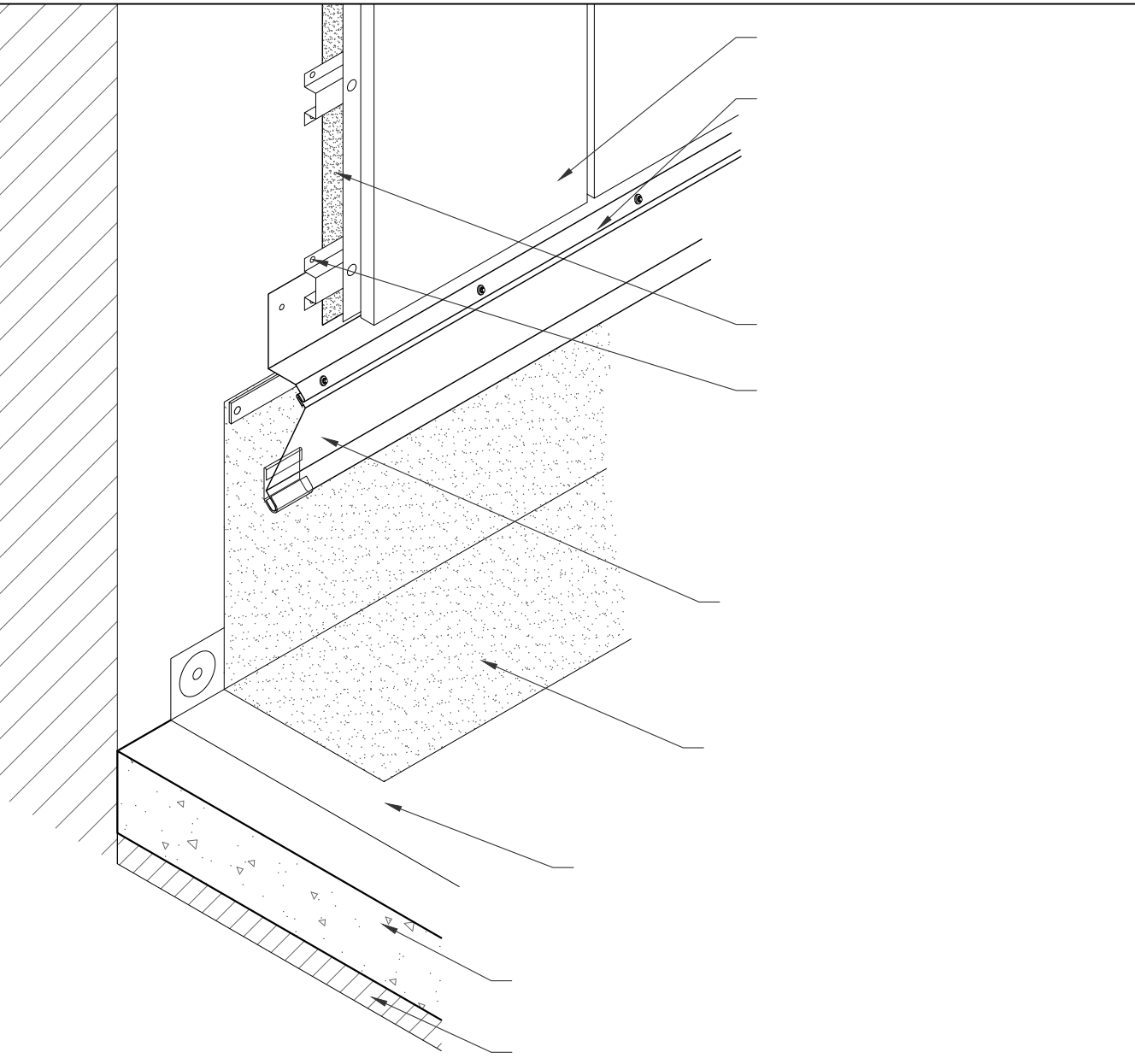
14 3-WAY EXPANSION JOINT INTERSECTION AT WALL
D-1.2 N.T.S.



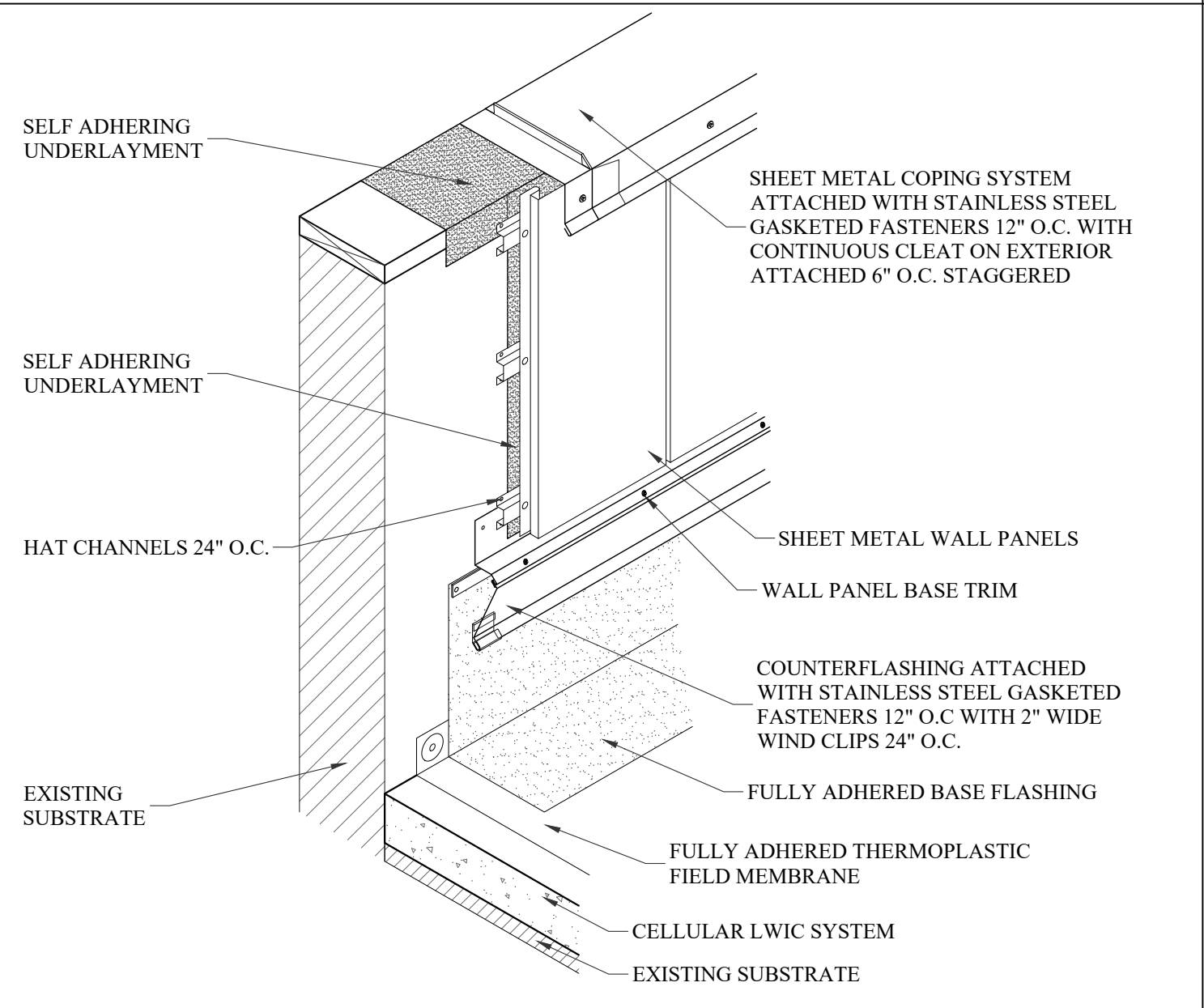
15 EXPANSION JOINT TERMINATION TO RAISED METAL EDGE
D-1.2 N.T.S.



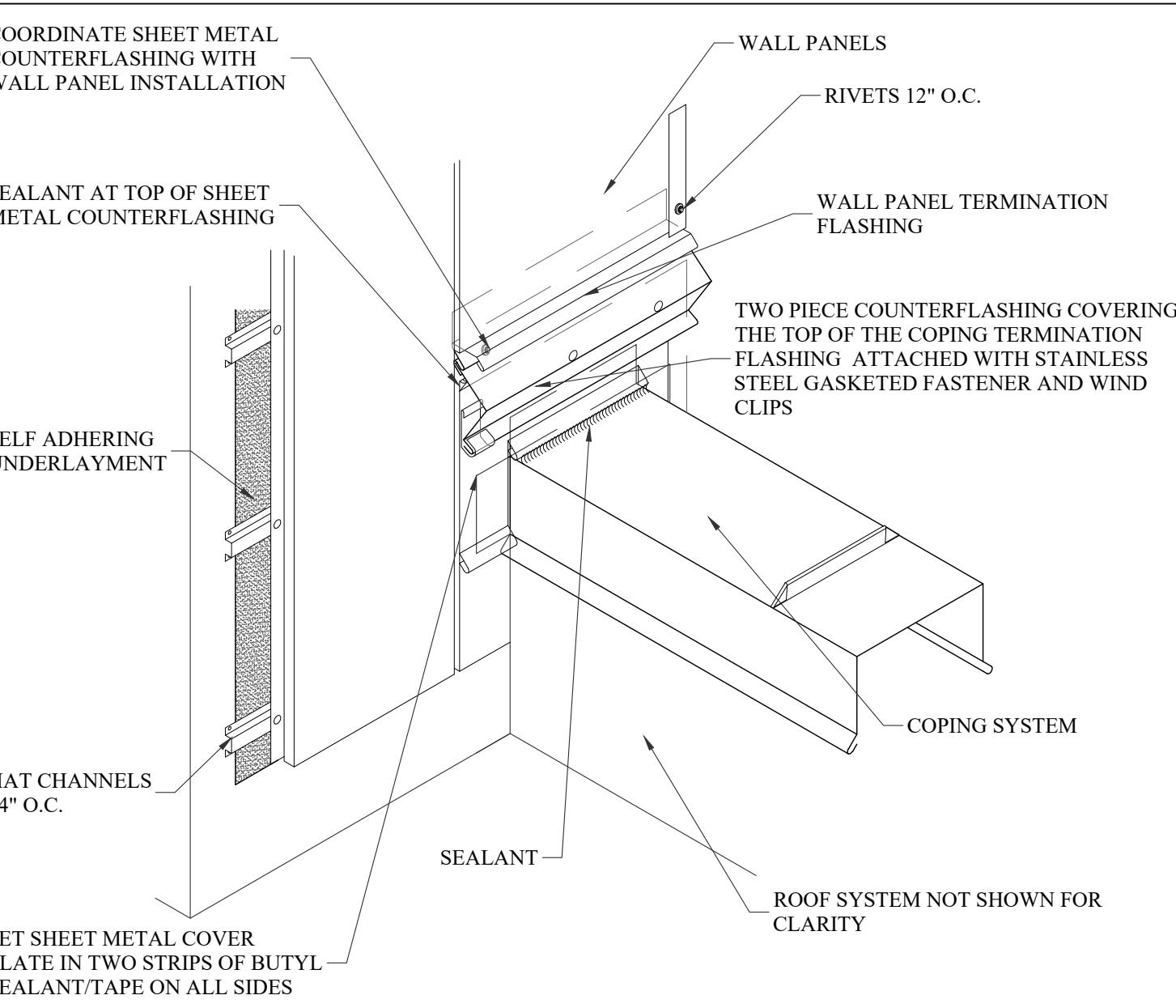
16 GRAVEL STOP WITH WALL PANELS
D-1.2 N.T.S.



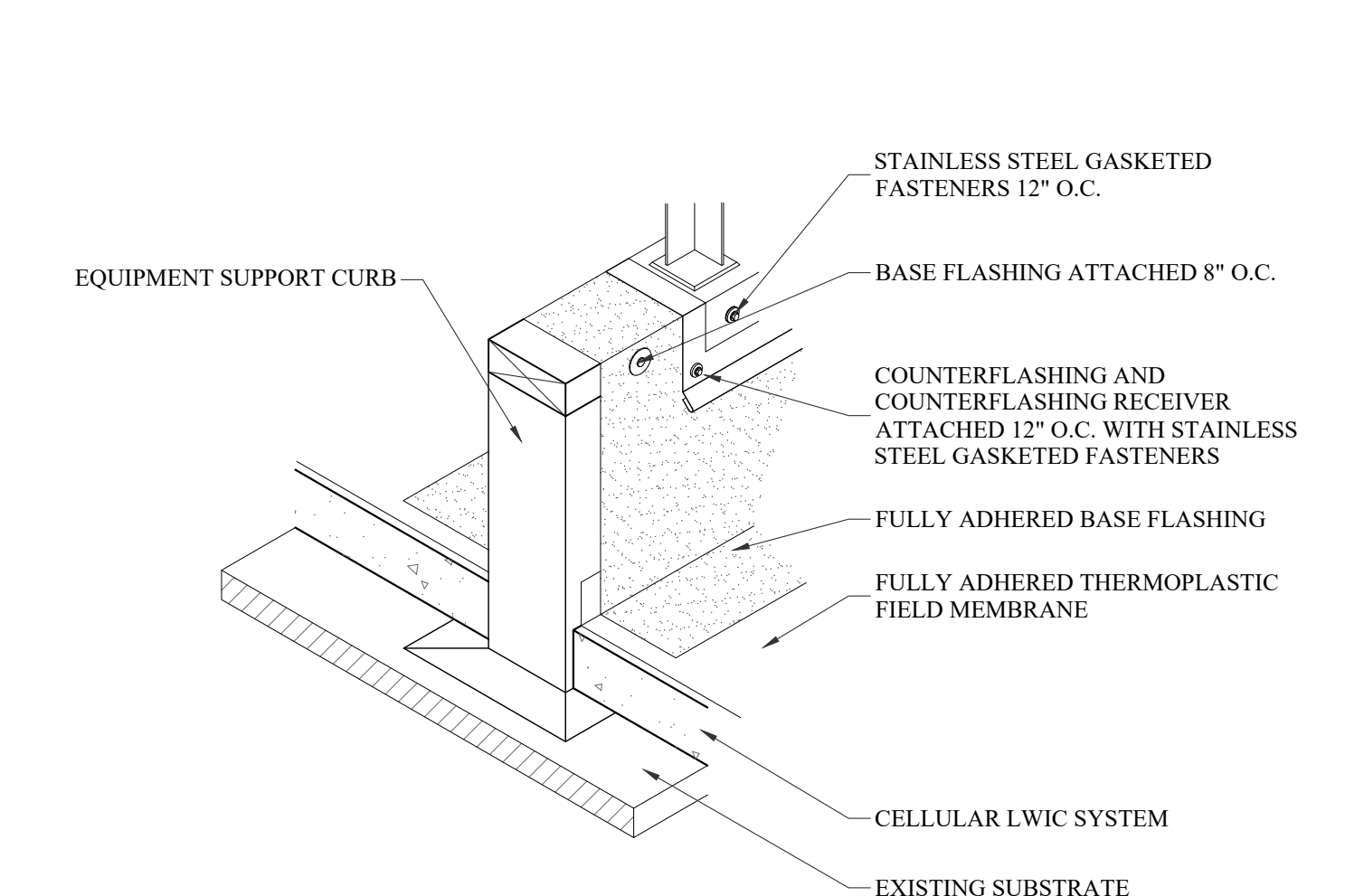
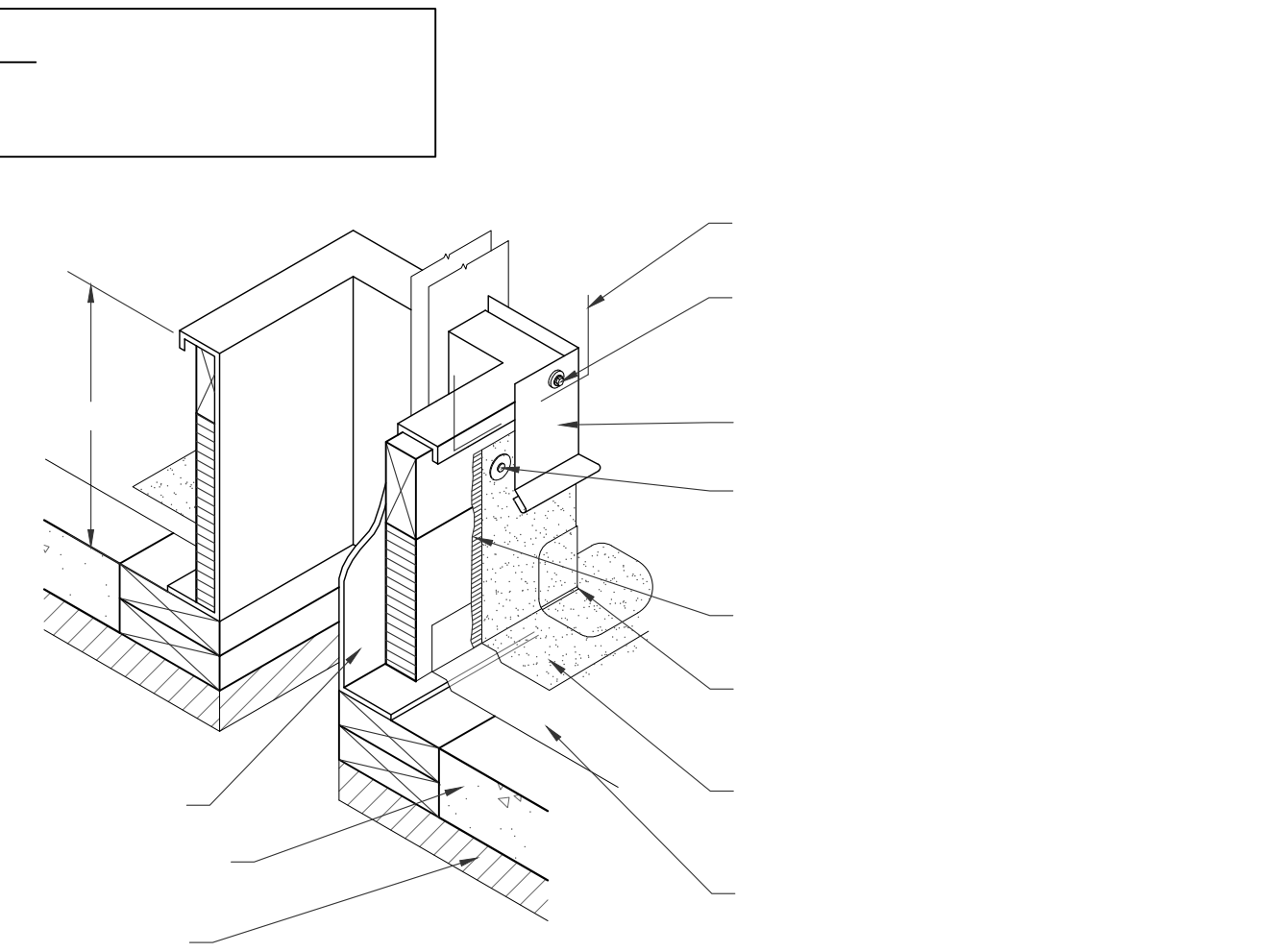
18 BASE FLASHING AT PARAPET WALL
D-1.2 N.T.S.



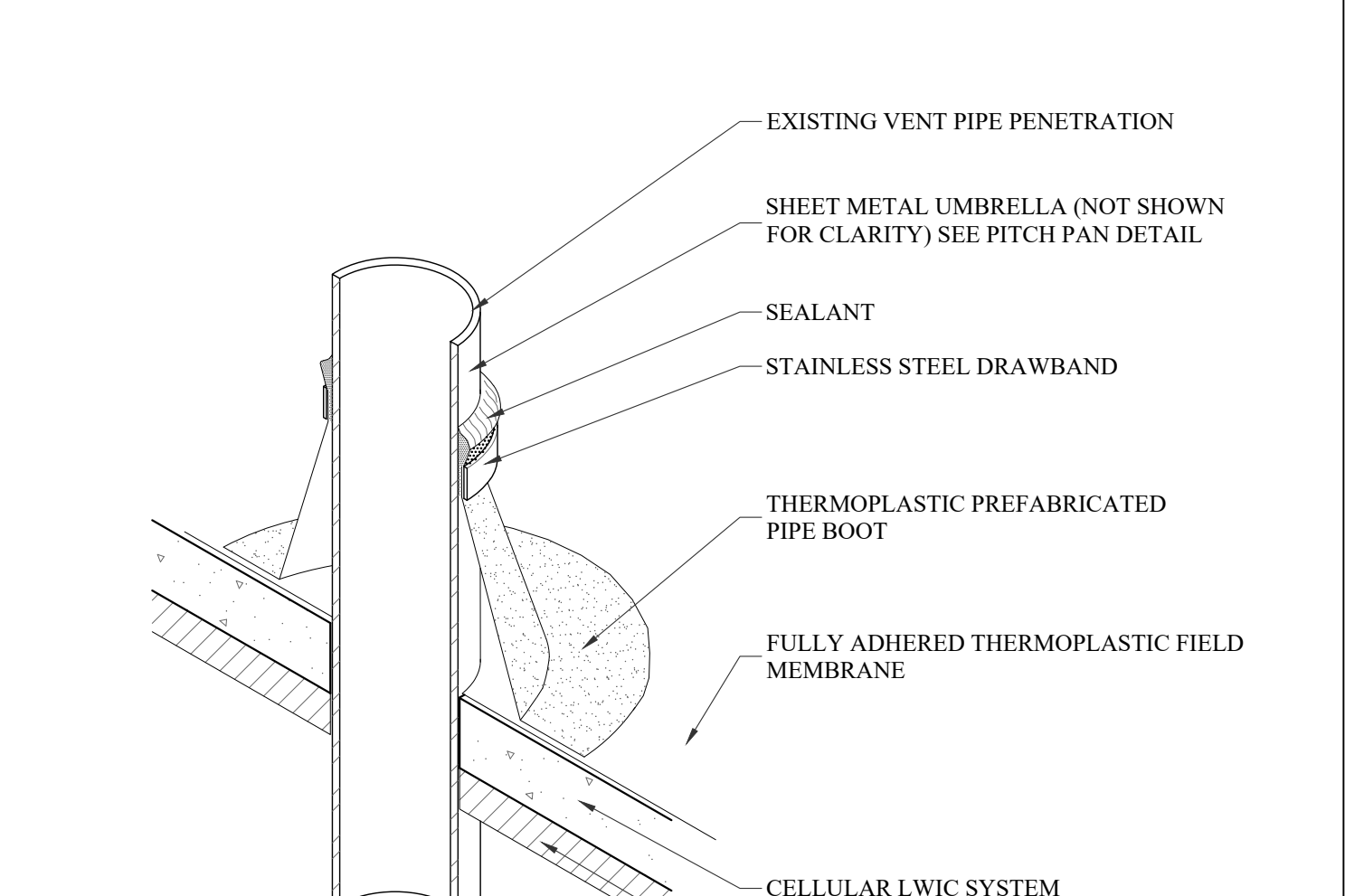
19 BASE FLASHING AT COPING WITH WALL PANELS
D-1.2 N.T.S.



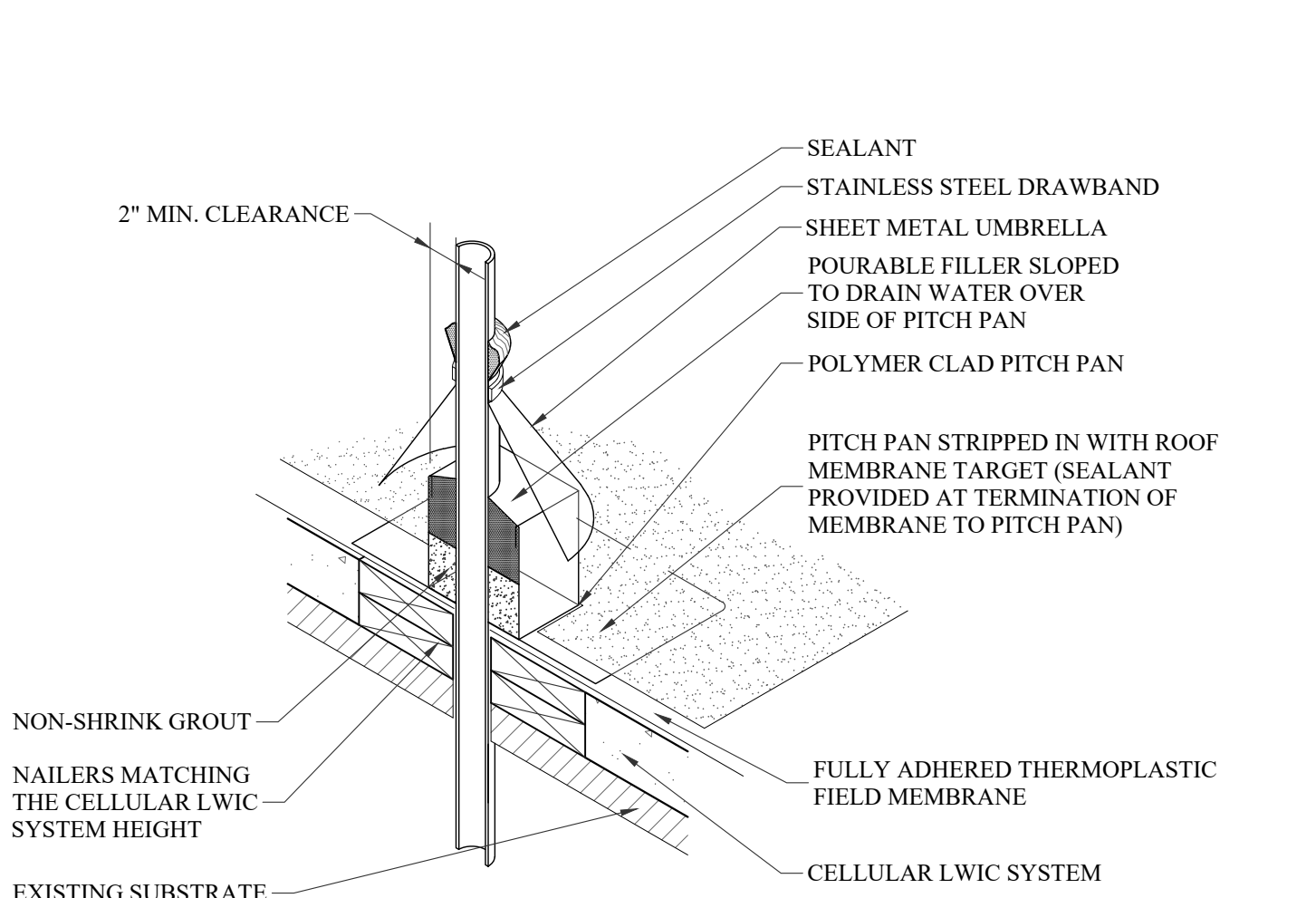
20 COPING TERMINATION AT WALL PANELS
D-1.2 N.T.S.



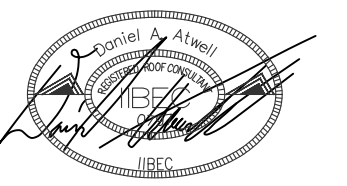
22 EQUIPMENT SUPPORT CURB
D-1.2 N.T.S.



23 VENT THROUGH ROOF
D-1.2 N.T.S.



24 PITCH PAN
D-1.2 N.T.S.



DESIGNED: DANIEL ATWELL

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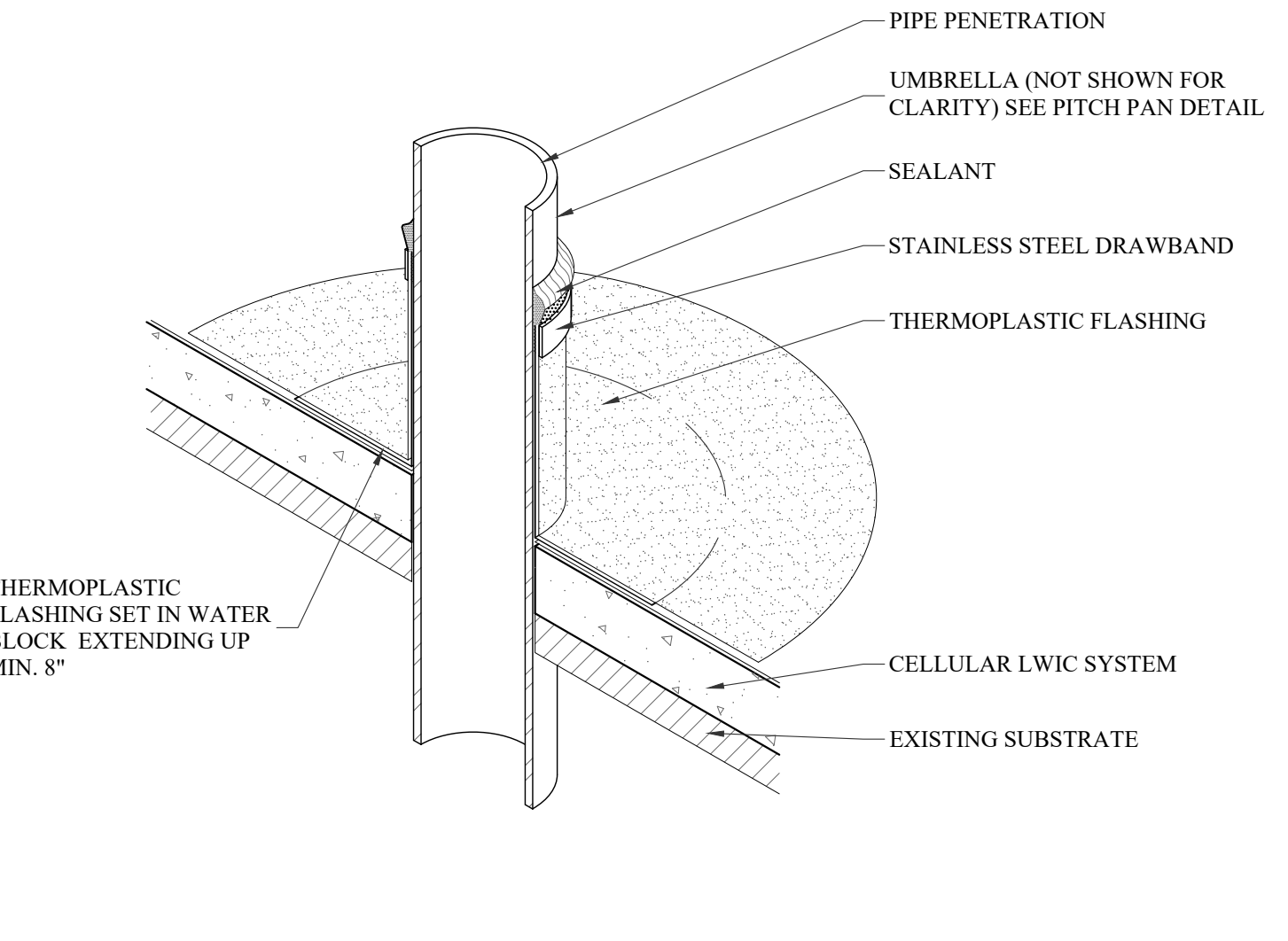
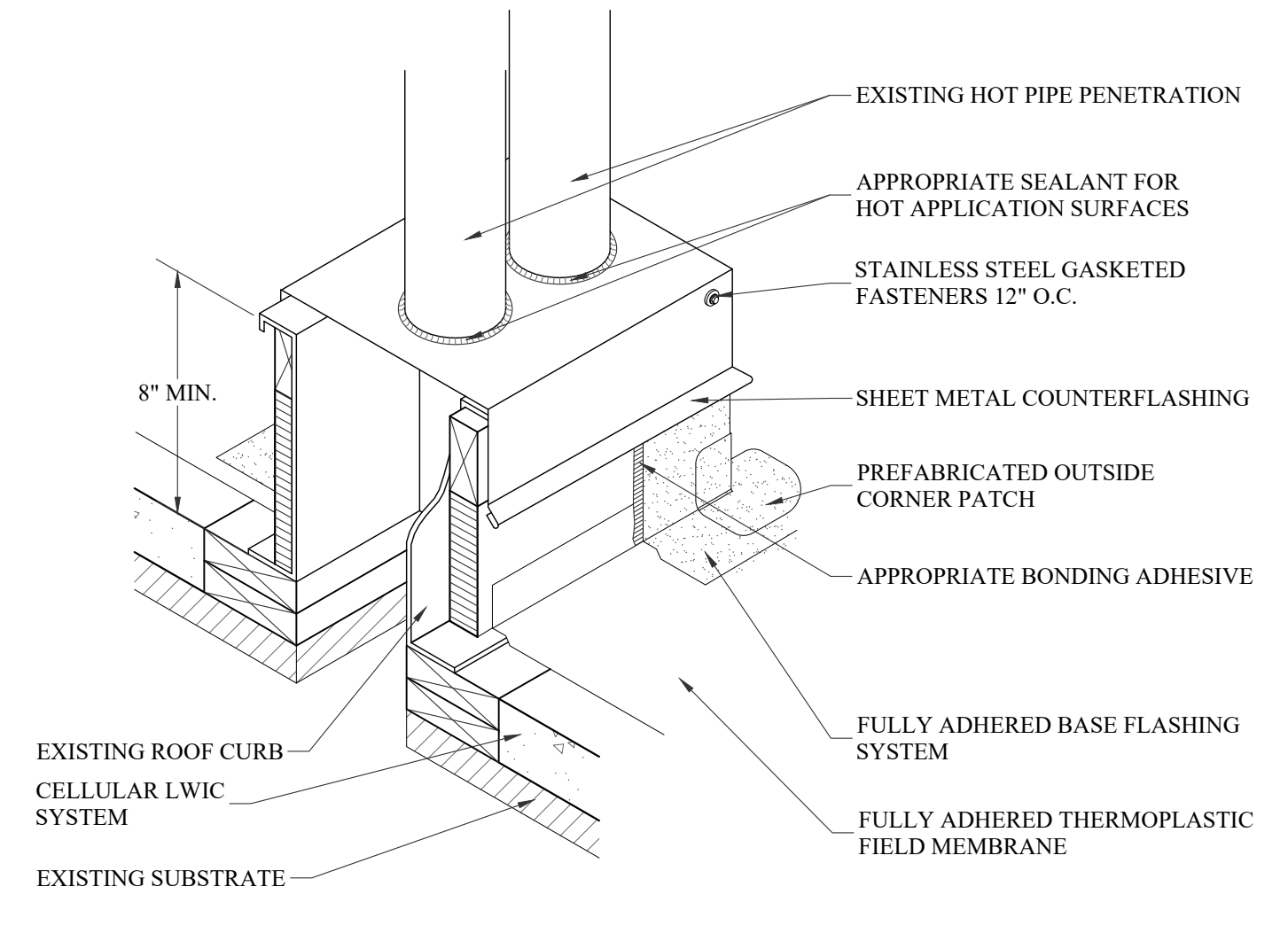
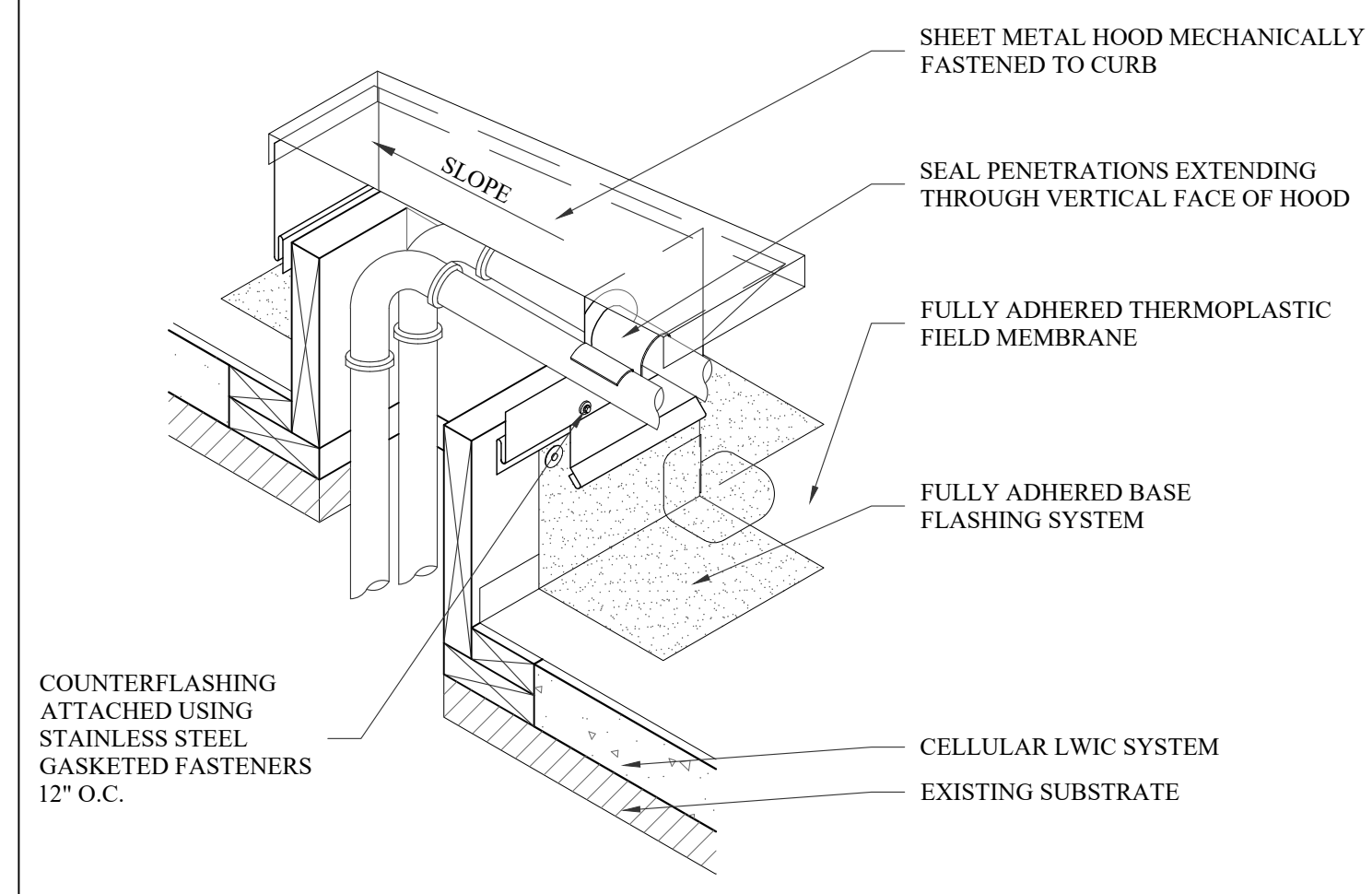
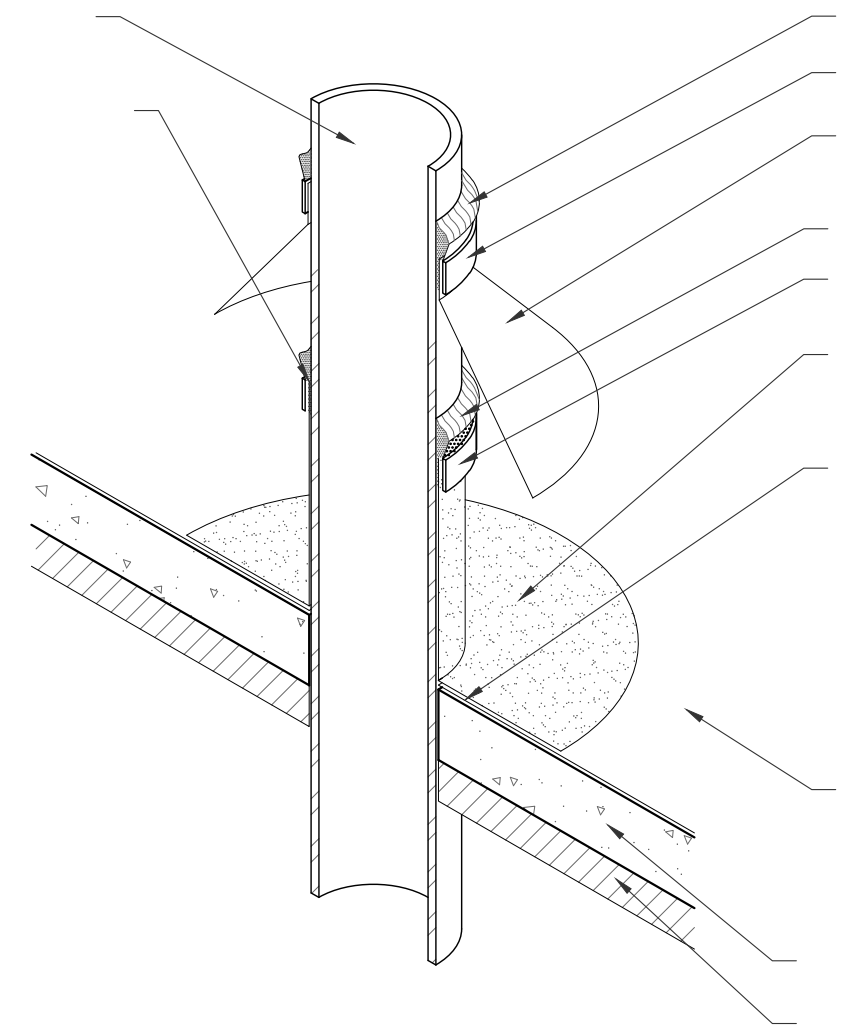
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DETAILS

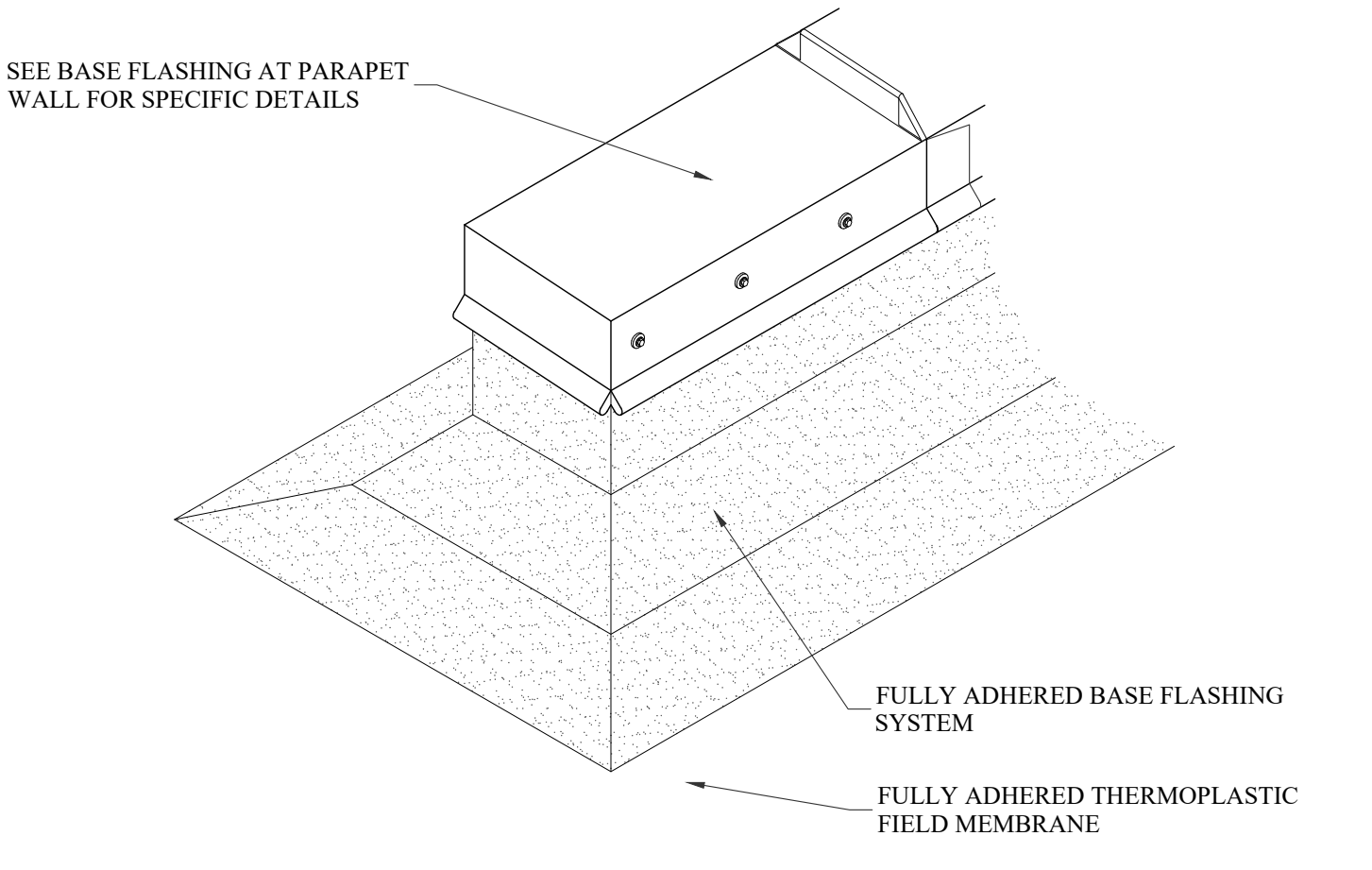
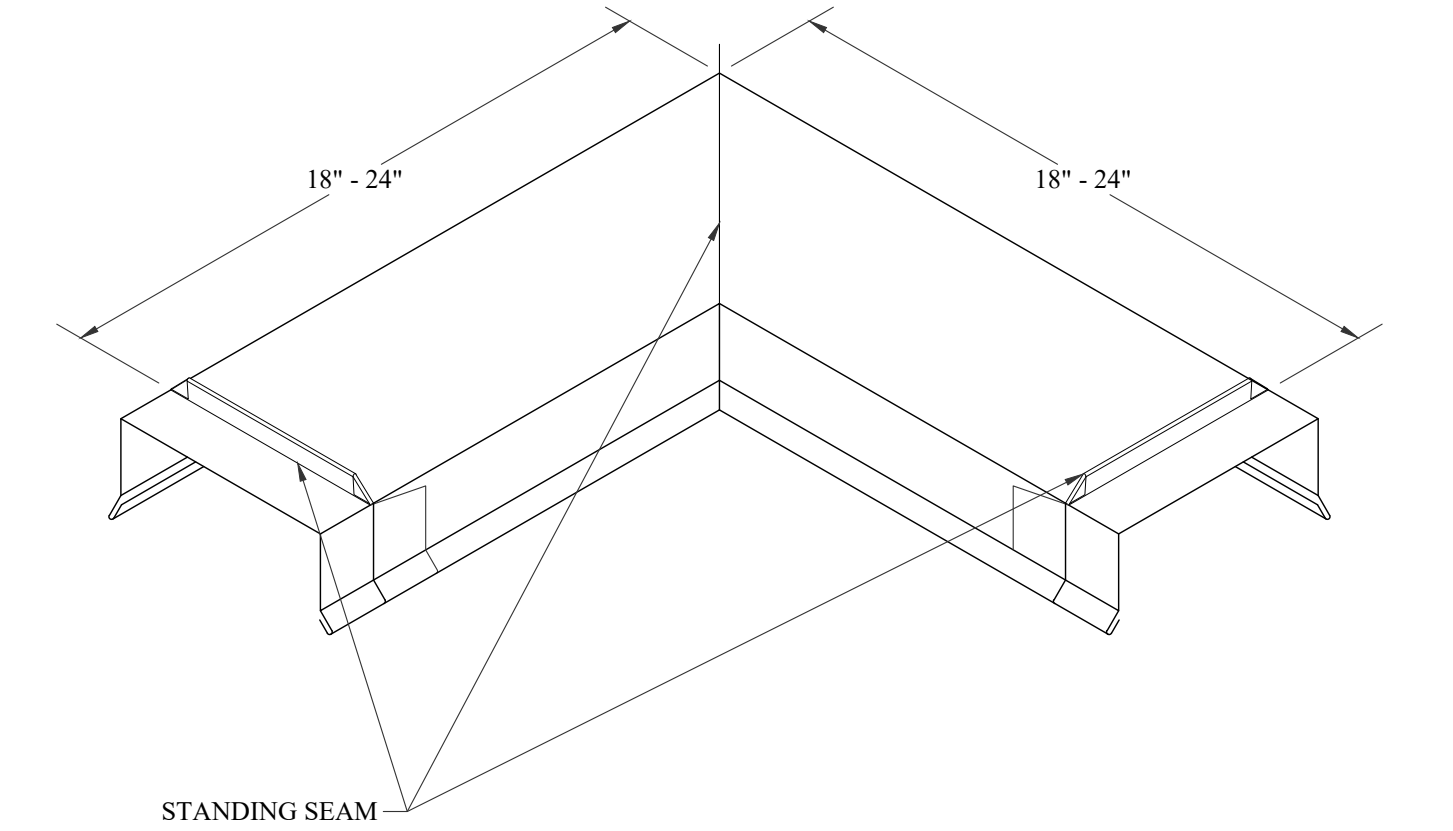
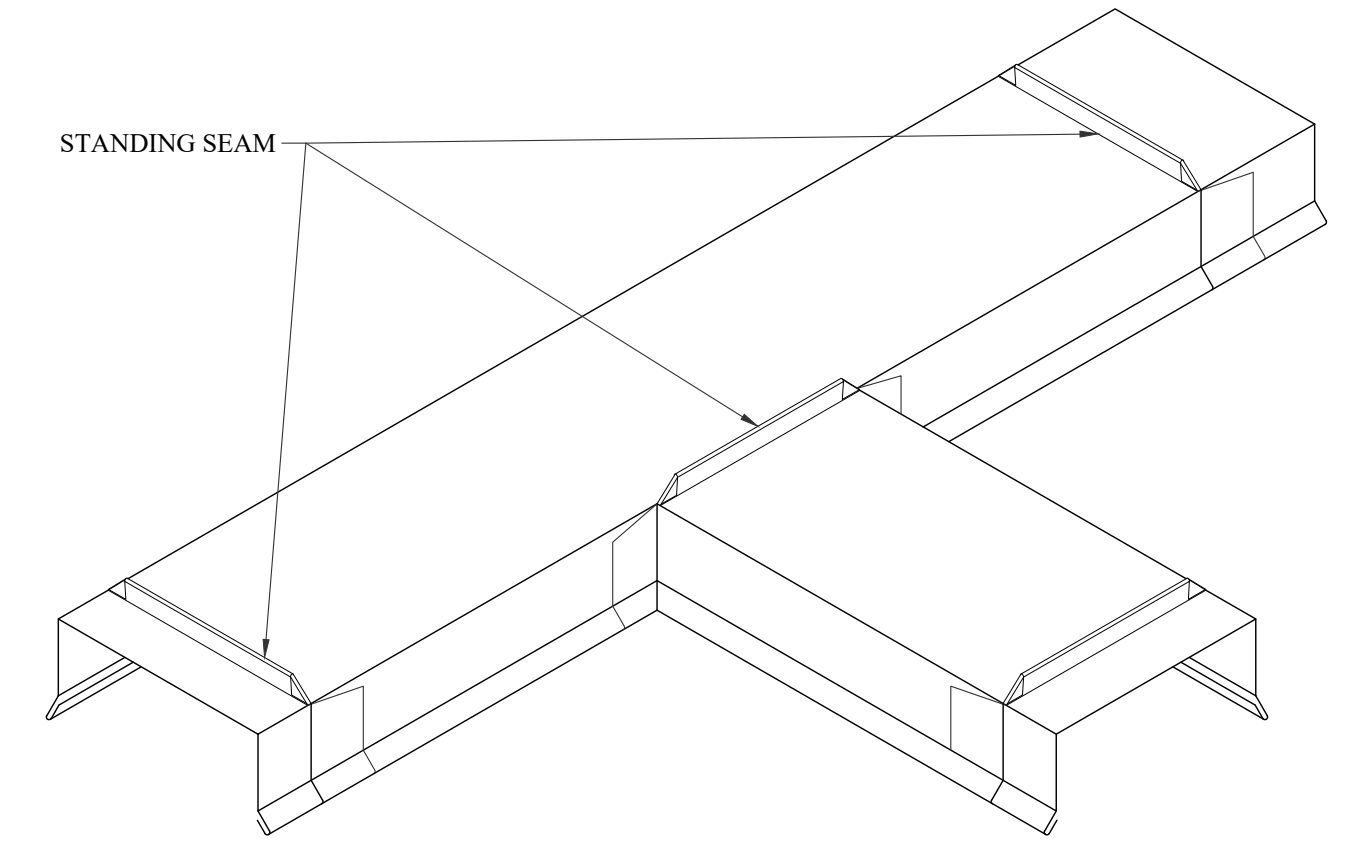
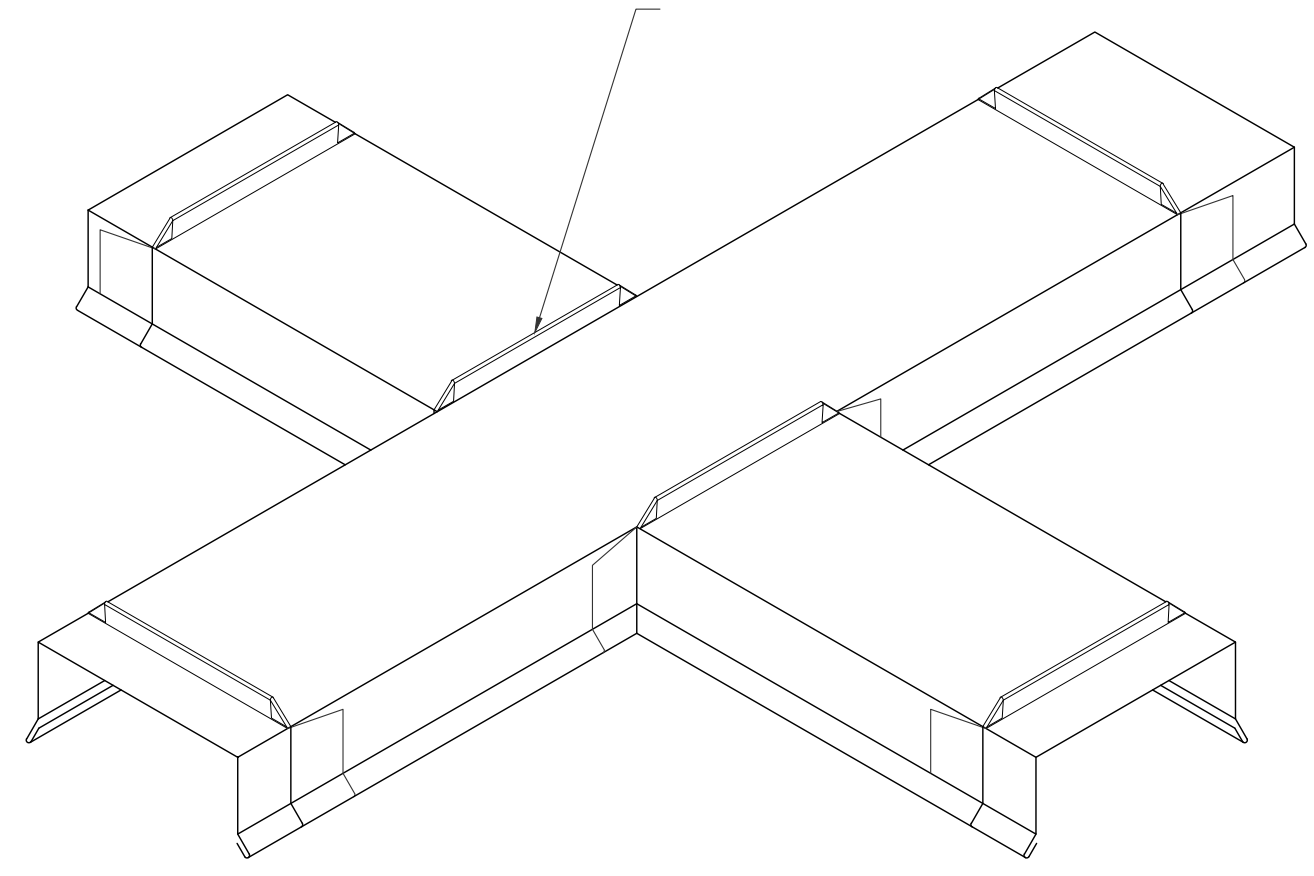
D-1.2



26 GOOSE NECK / HOOD PENETRATION
D-1.3 N.T.S.

27 DOUBLE STACK PENETRATION
D-1.3 N.T.S.

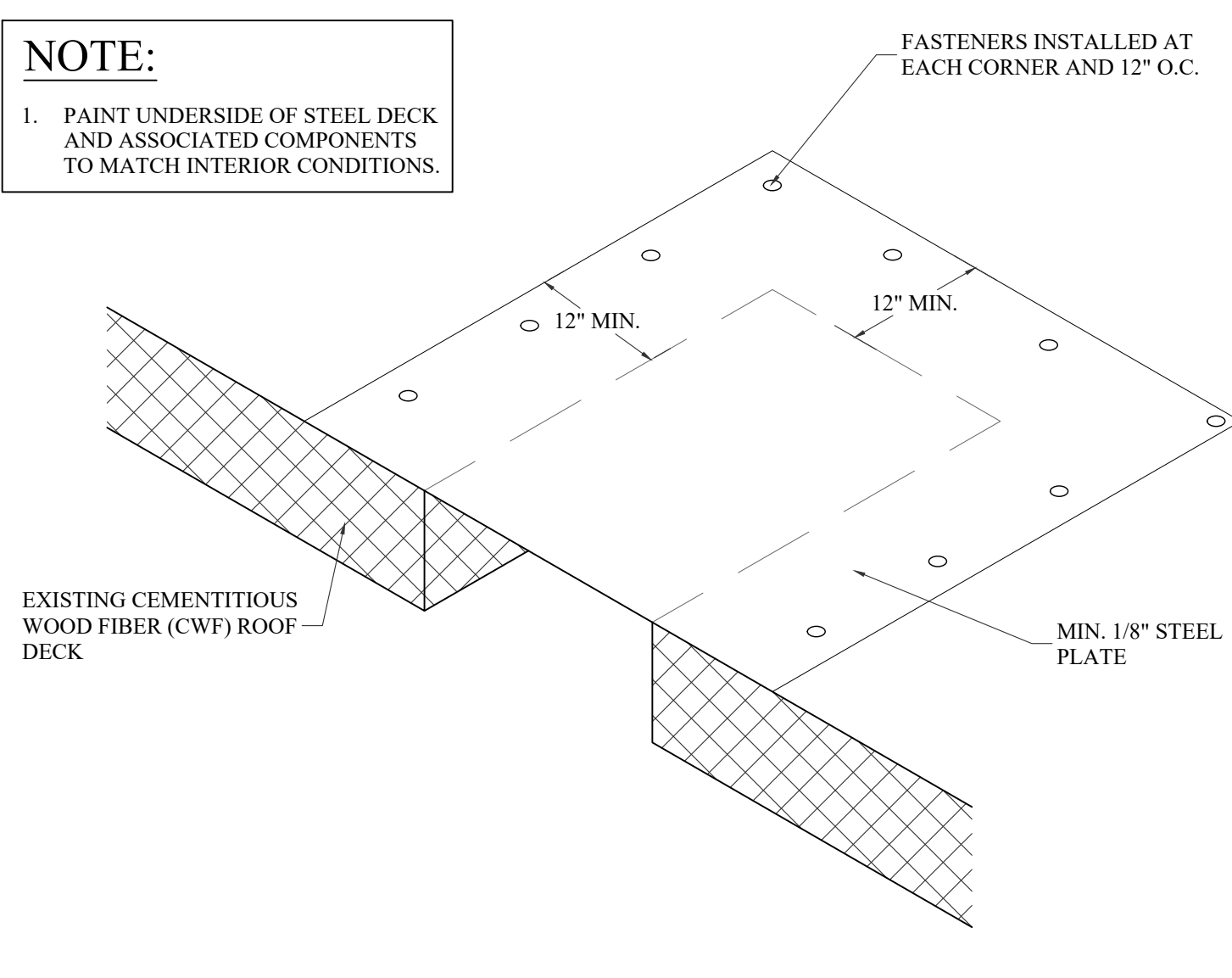
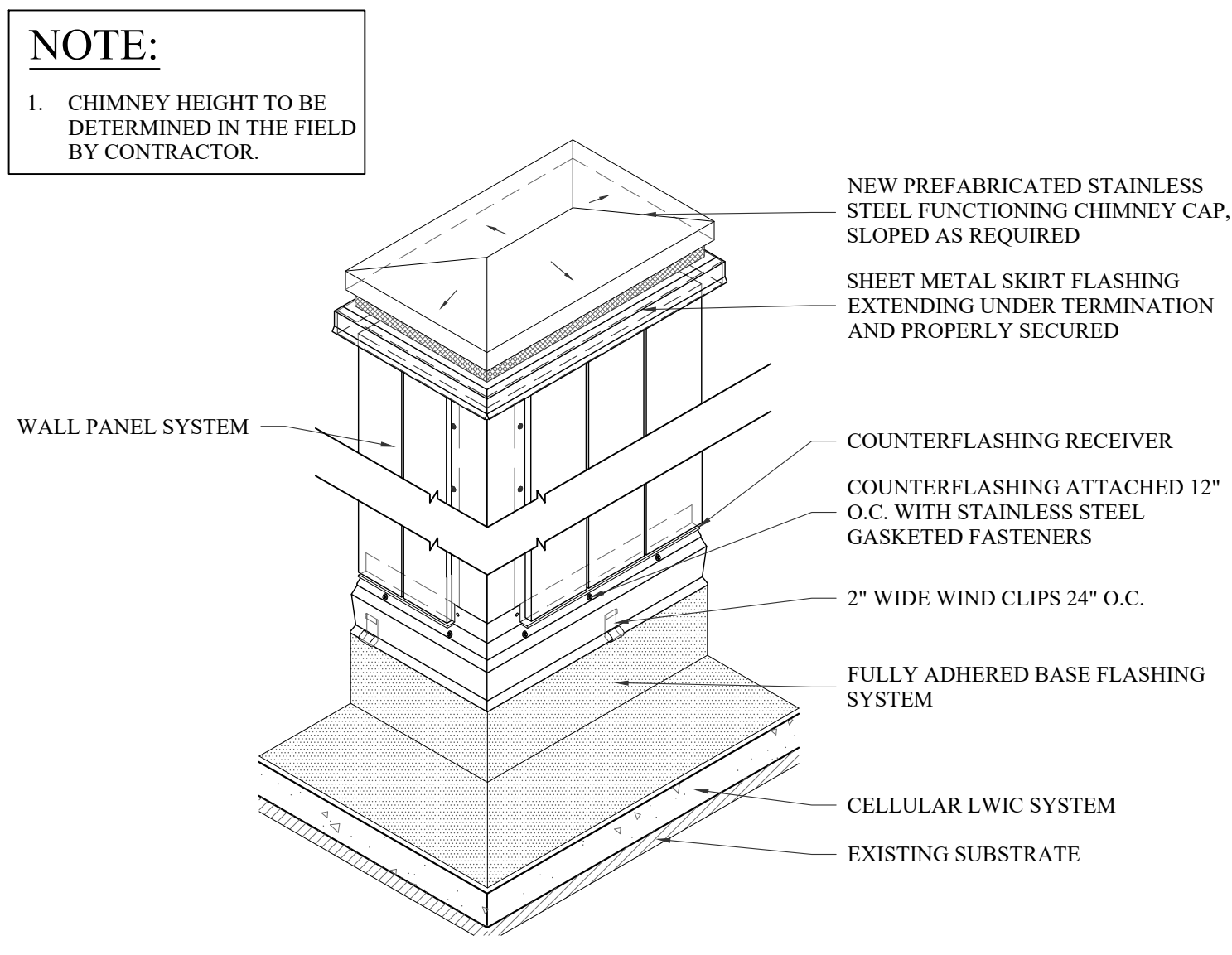
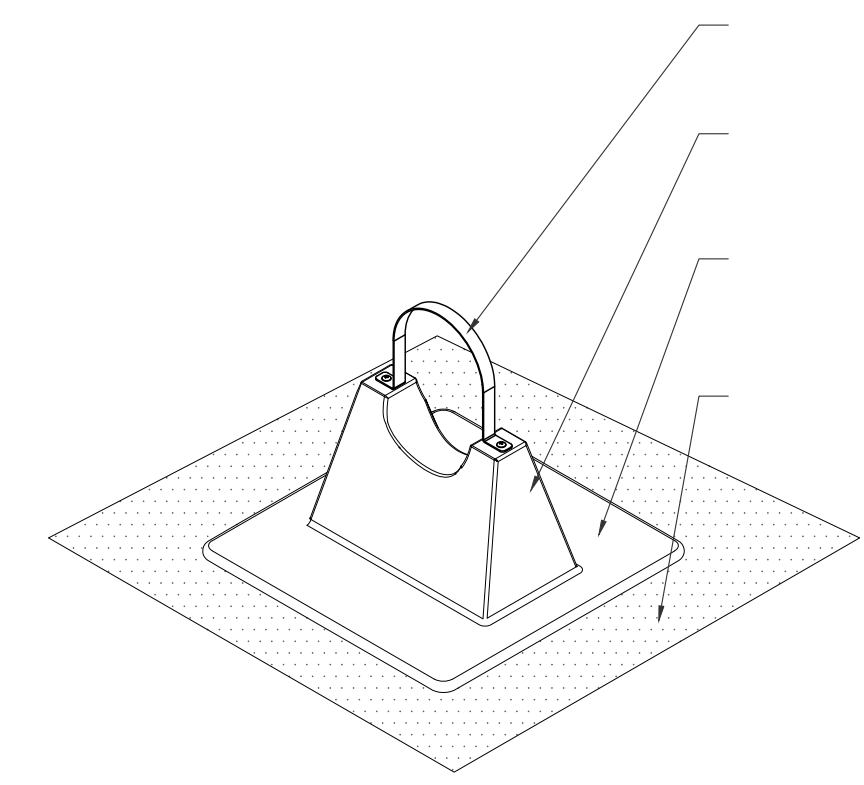
28 STACK
D-1.3 N.T.S.



30 EXPANSION JOINT 3-WAY INTERSECTION
D-1.3 N.T.S.

31 COPING CORNER
D-1.3 N.T.S.

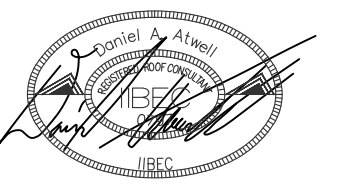
32 COPING END CAP
D-1.3 N.T.S.



34 CHIMNEY
D-1.3 N.T.S.

35 DECK REPAIR FOR ABANDONED PENETRATIONS 3 FEET OR LESS
D-1.3 N.T.S.

36 DETAIL NOT IN USE
D-1.3 N.T.S.



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P. DAN HULL BUILDING ROOF
REPLACEMENT
PROJECT NUMBER: H59-6273
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WMBE PROJECT NUMBER: 2023-47

CONSTRUCTION DOCUMENTS

DATE: 3/25/2024

DETAILS

D-1.3