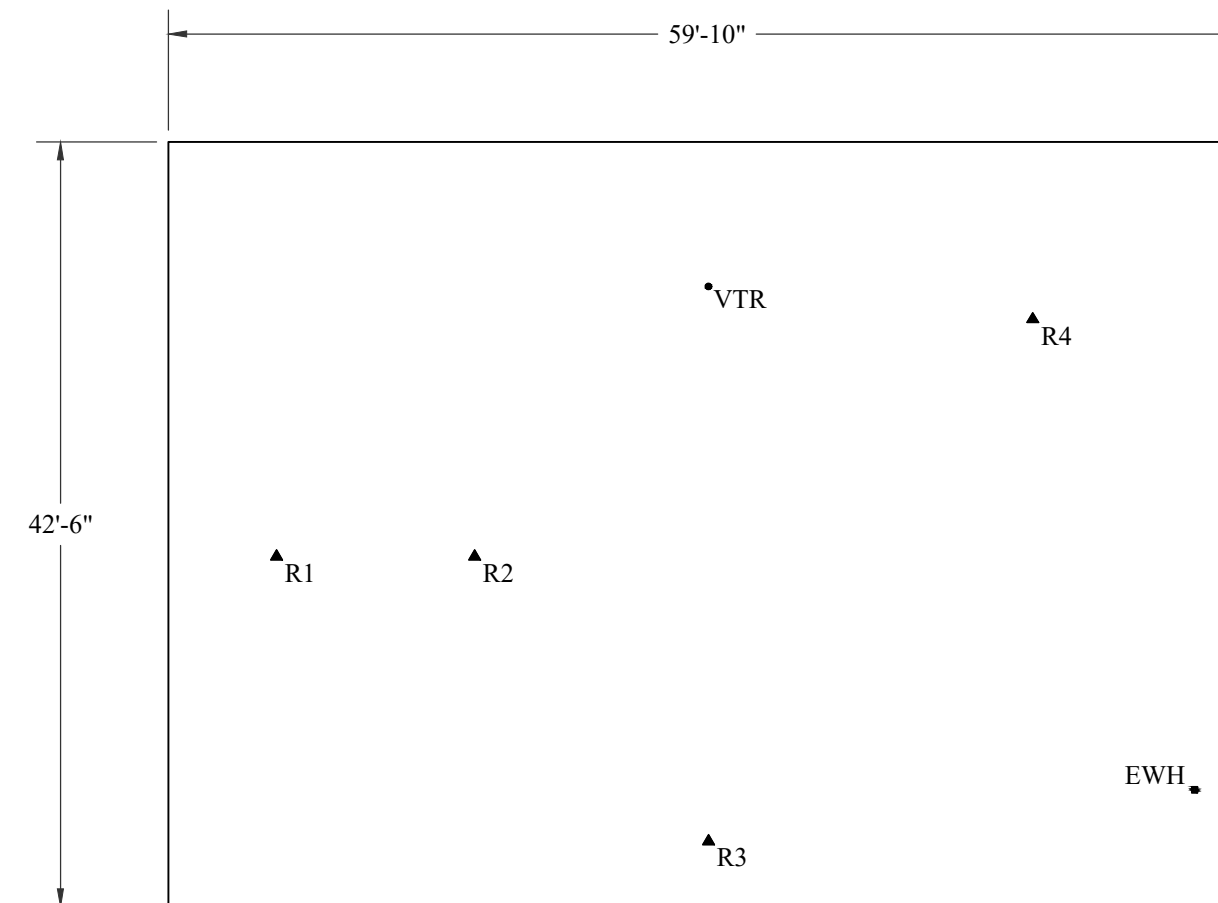


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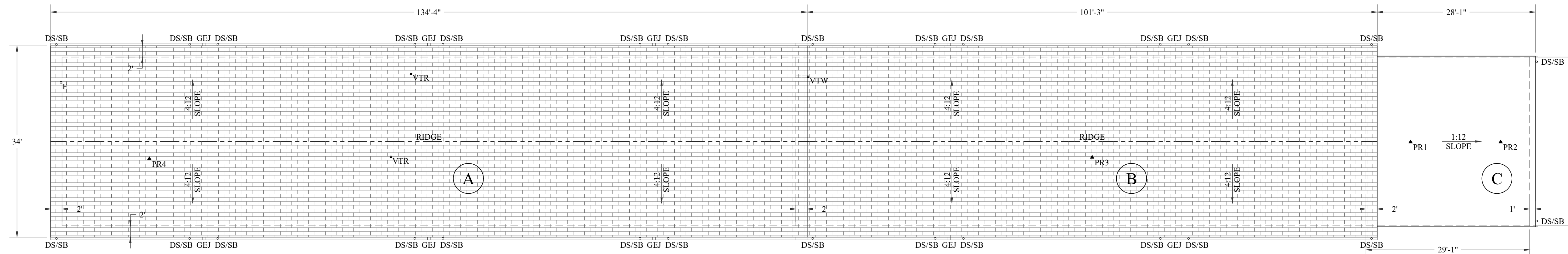
1. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS, PENETRATIONS, AND EXISTING ROOF CORE SUMMARY.

SQUARE FOOTAGE:

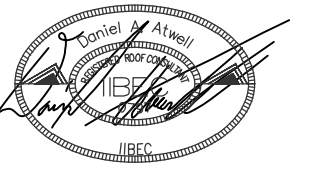
BUILDING "O"
 2,543 SQ.FT / 26 ROOF SQUARES
 BUILDING "P"
 A - 4,053 SQ.FT
 B - 3,115 SQ.FT
 C - 908 SQ.FT / 10 ROOF SQUARES



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



2 EXISTING ROOF PLAN - BUILDING "P"
 R-1.1 3/32" = 1'



DESIGNED: DANIEL ATWELL

ORANGEBURG-CALHOUN TECHNICAL COLLEGE
 BUILDING "O" AND BUILDING "P" ROOF
 REPLACEMENT

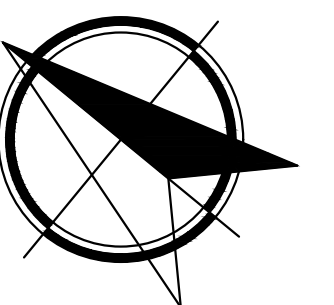
STATE PROJECT NUMBER: HS9-N3-40-PD
 3250 ST. MATTHEWS ROAD
 ORANGEBURG, SC 29118



COLUMBIA AREA OFFICE
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NORTH



PROJECT NUMBER: 2025-137

CONSTRUCTION DOCUMENTS

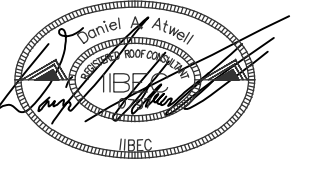
DATE: 10-09-2025

EXISTING ROOF PLANS

R-1.1

TAPER NOTES:

1. c



DESIGNED: DANIEL ATWELL

ORANGEBURG-CALHOUN TECHNICAL COLLEGE
BUILDING "O" AND BUILDING "P" ROOF
REPLACEMENT

STATE PROJECT NUMBER: HS9-N340-PD
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ORANGEBURG, SC 29118

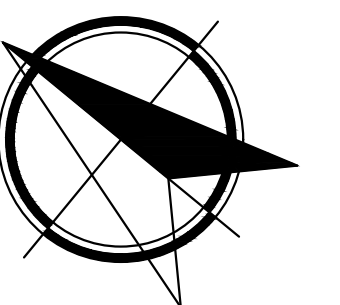


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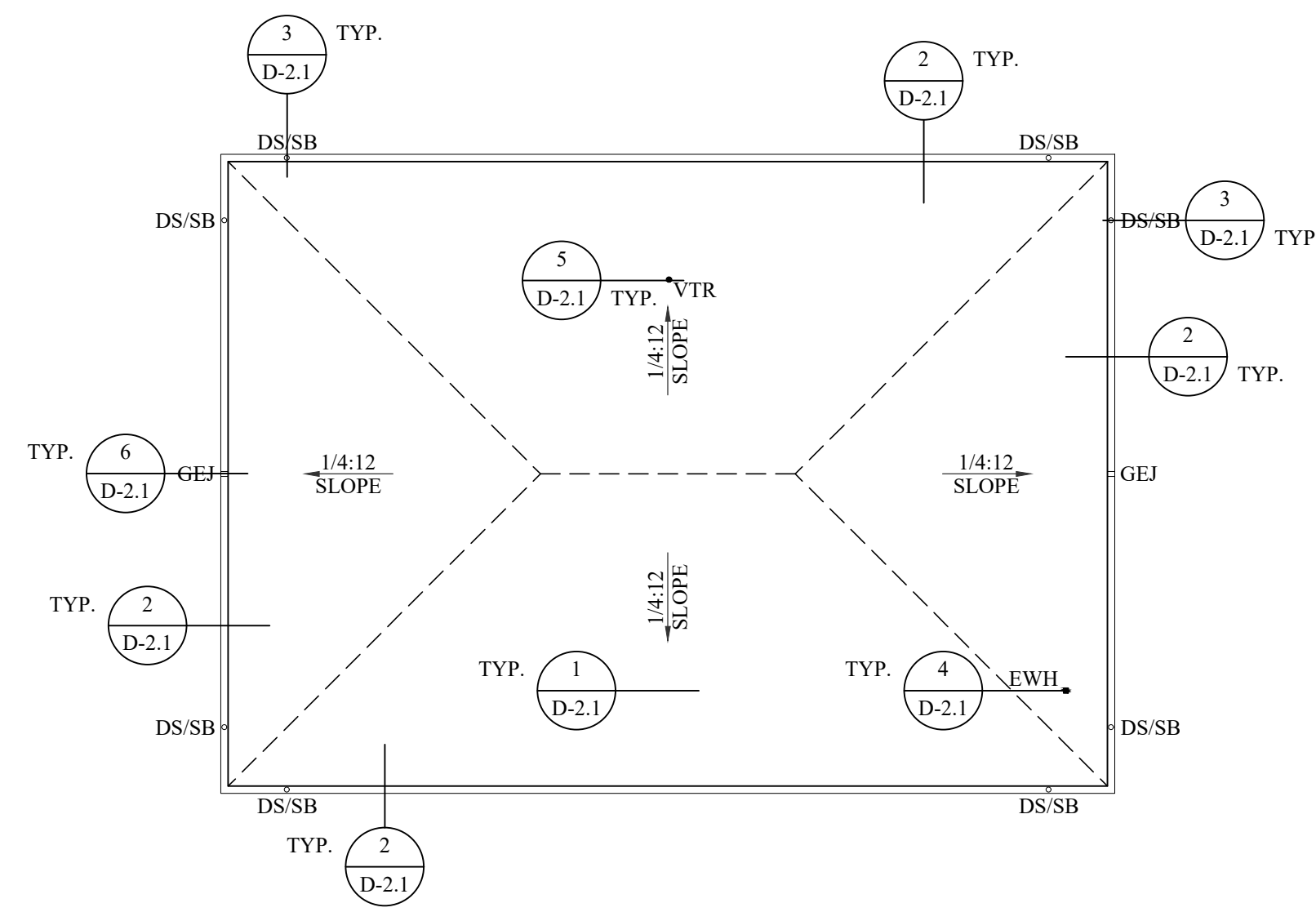
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CONSTRUCTION DOCUMENTS

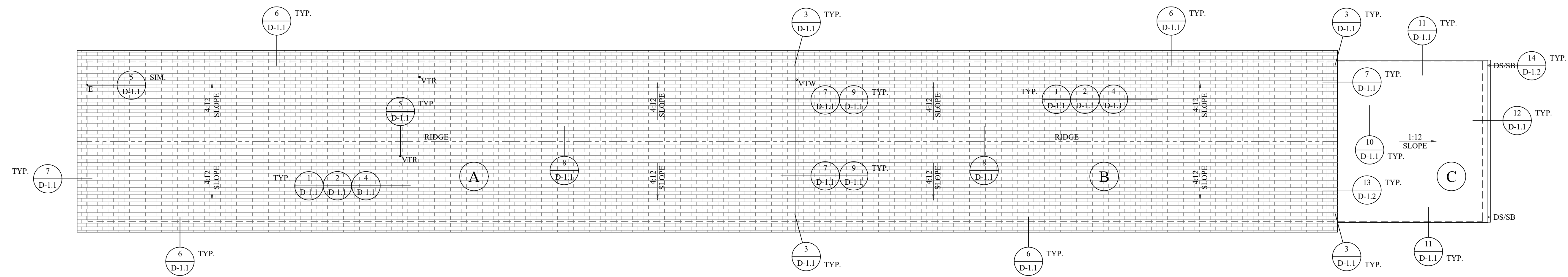
DATE: 10-09-2025

NEW ROOF PLANS

R-1.2



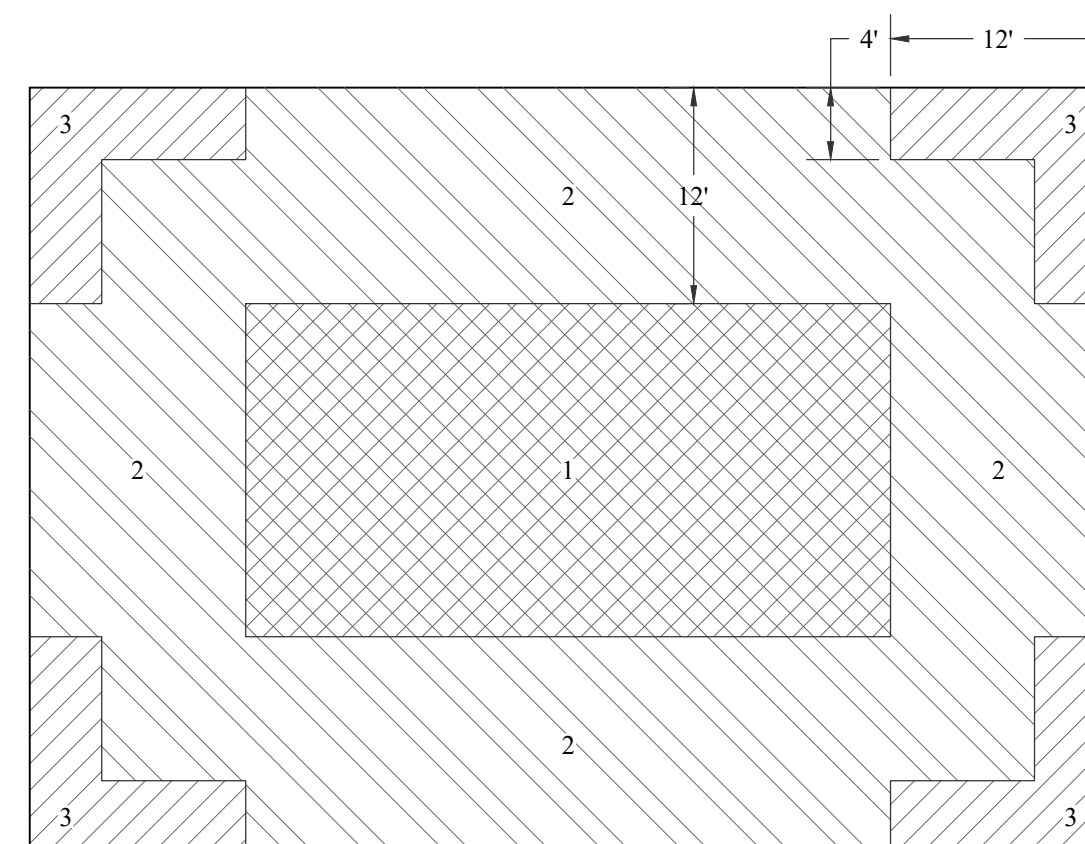
1 NEW ROOF PLAN - BUILDING "O"
R-1.2 3/32" = 1'



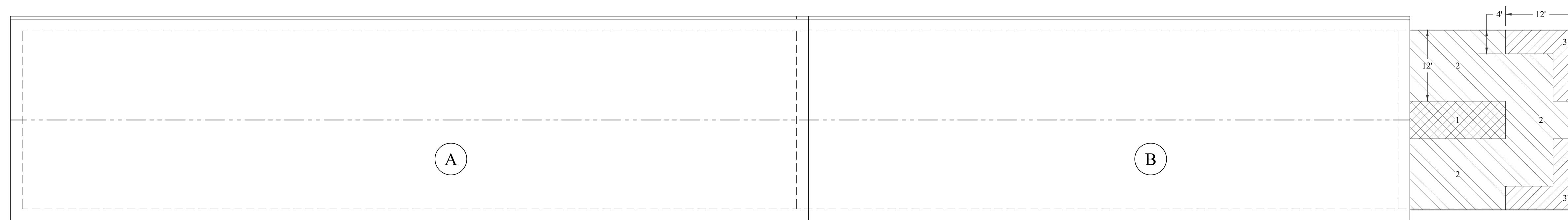
2 NEW ROOF PLAN - BUILDING "P"
R-1.2 3/32" = 1'

NOTES:

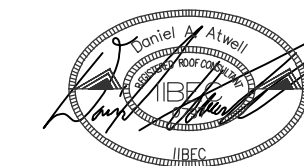
- 1) ROOF ZONE 1 = FIELD
- 2) ROOF ZONE 2 = PERIMETER
- 3) ROOF ZONE 3 = CORNER



1 WIND UPLIFT PLAN - BUILDING "O"
R-1.3 3/32" = 1'



2 WIND UPLIFT PLAN - BUILDING "P"
R-1.3 3/32" = 1'



DESIGNED: DANIEL ATWELL

ORANGEBURG-CALHOUN TECHNICAL COLLEGE
BUILDING "O" AND BUILDING "P" ROOF
REPLACEMENT

STATE PROJECT NUMBER: H59-N340-PD
3250 ST. MATTHEWS ROAD
ORANGEBURG, SC 29118



BUILDING ENVELOPE
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CHARLESTON AREA OFFICE

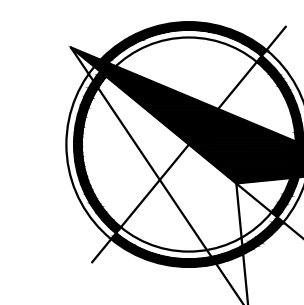
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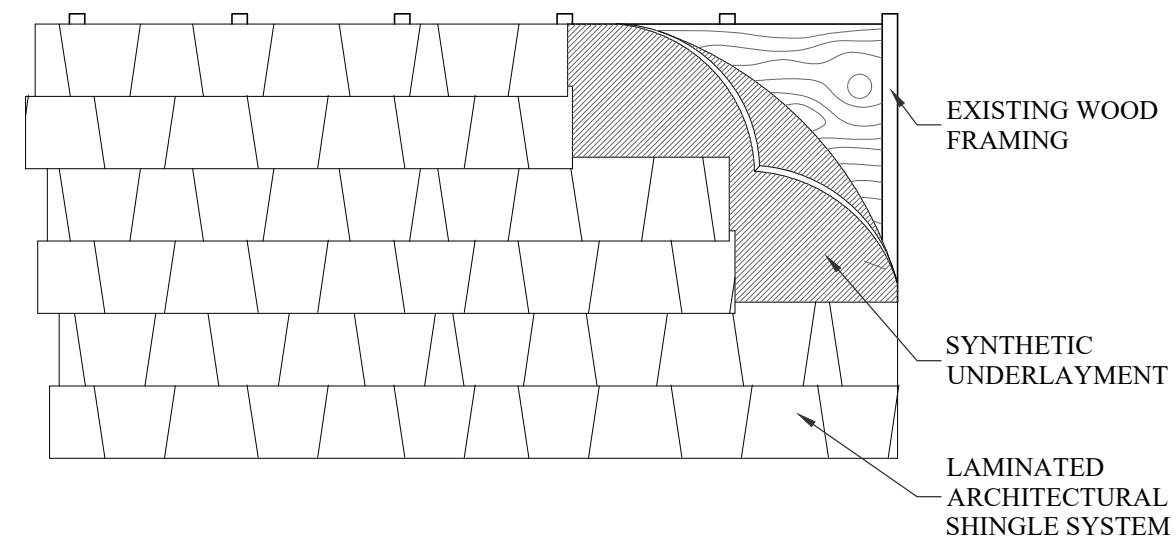
CONSTRUCTION DOCUMENTS

DATE: 10-09-2025

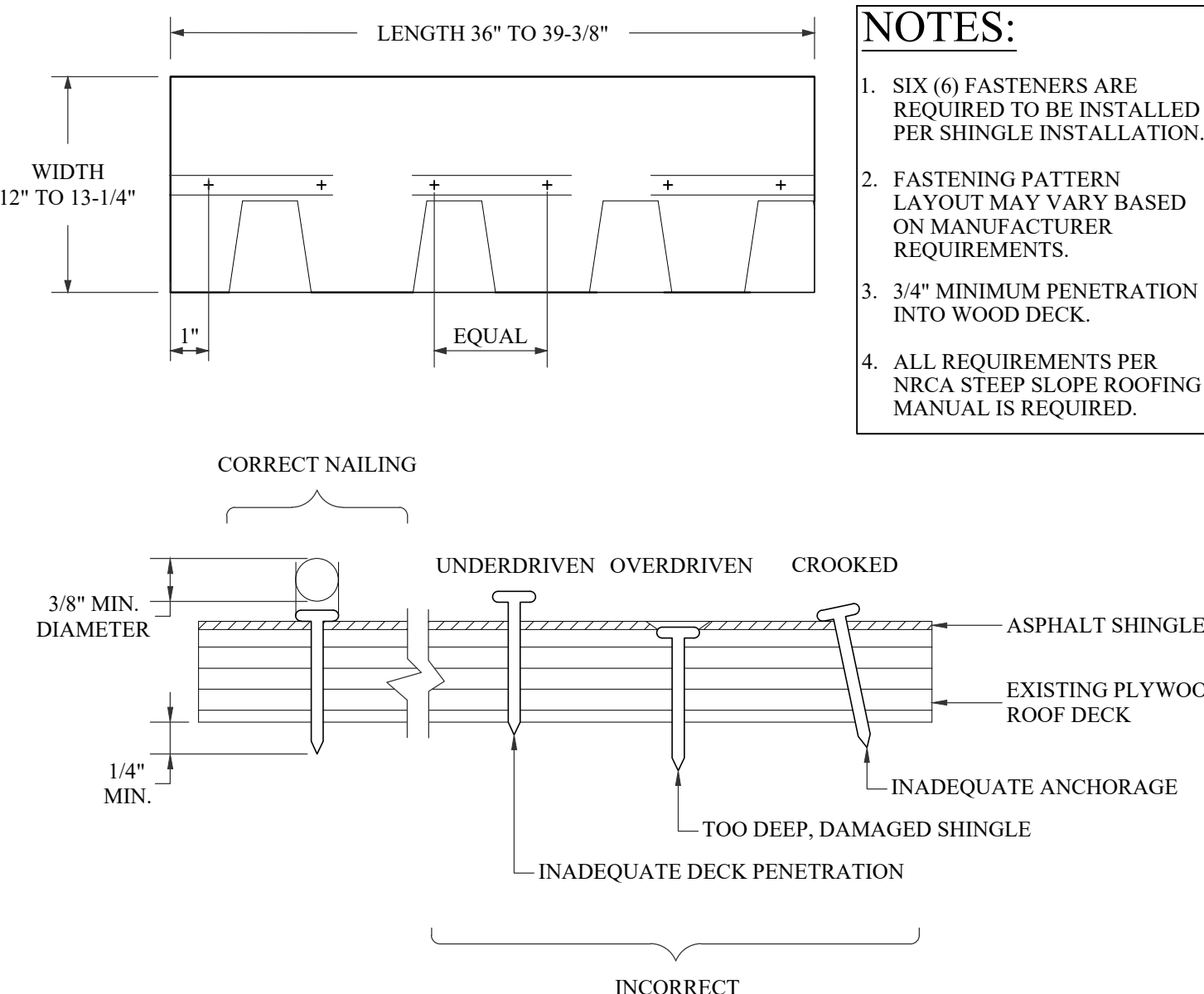
WIND UPLIFT PLANS

R-1.3

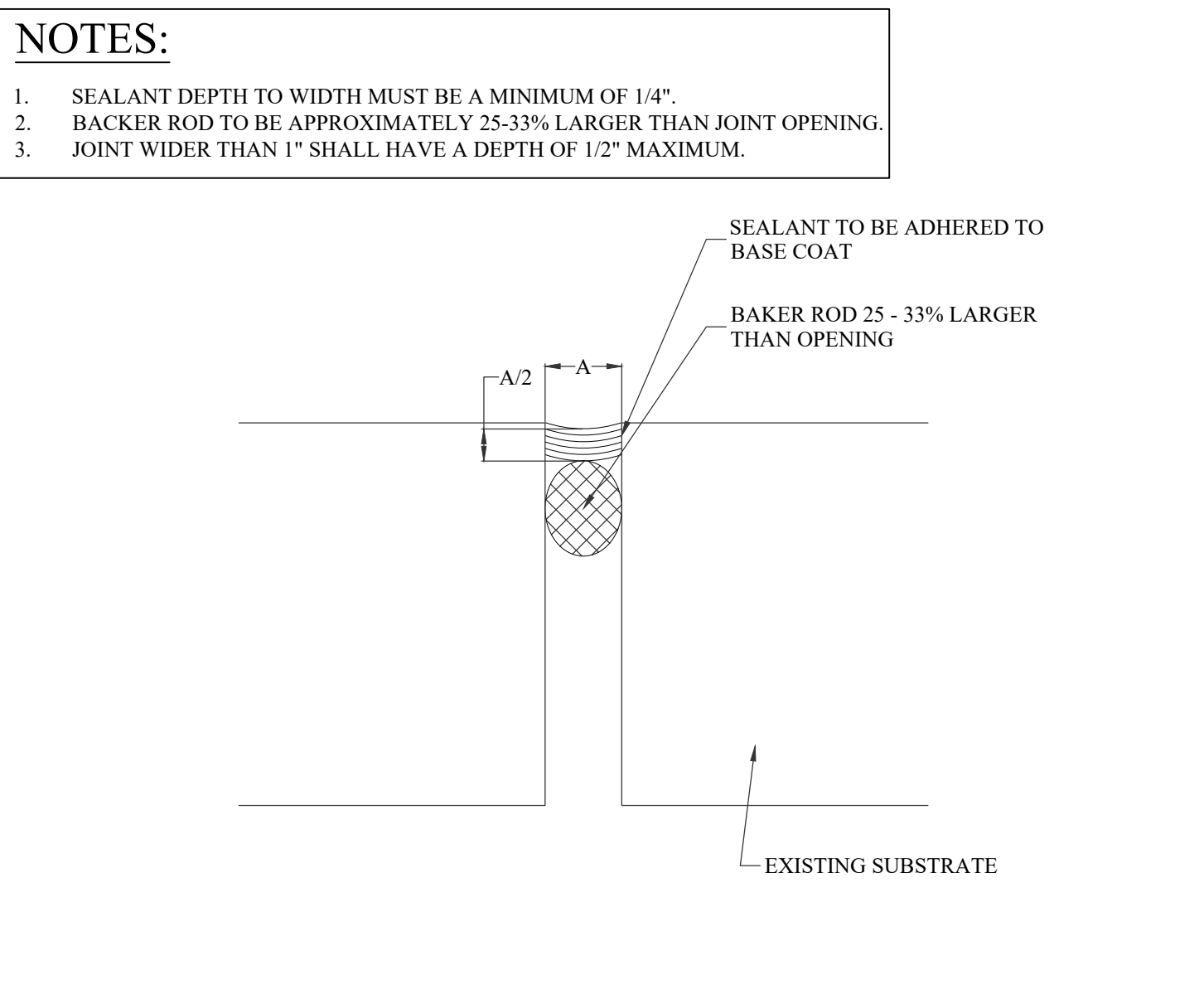
NOTE:
1. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS AND MATCH EXISTING CONDITIONS DURING RE-INSTALLATION OF FRAMING / SUBSTRATE / STEEP SLOPE ROOF SYSTEM.



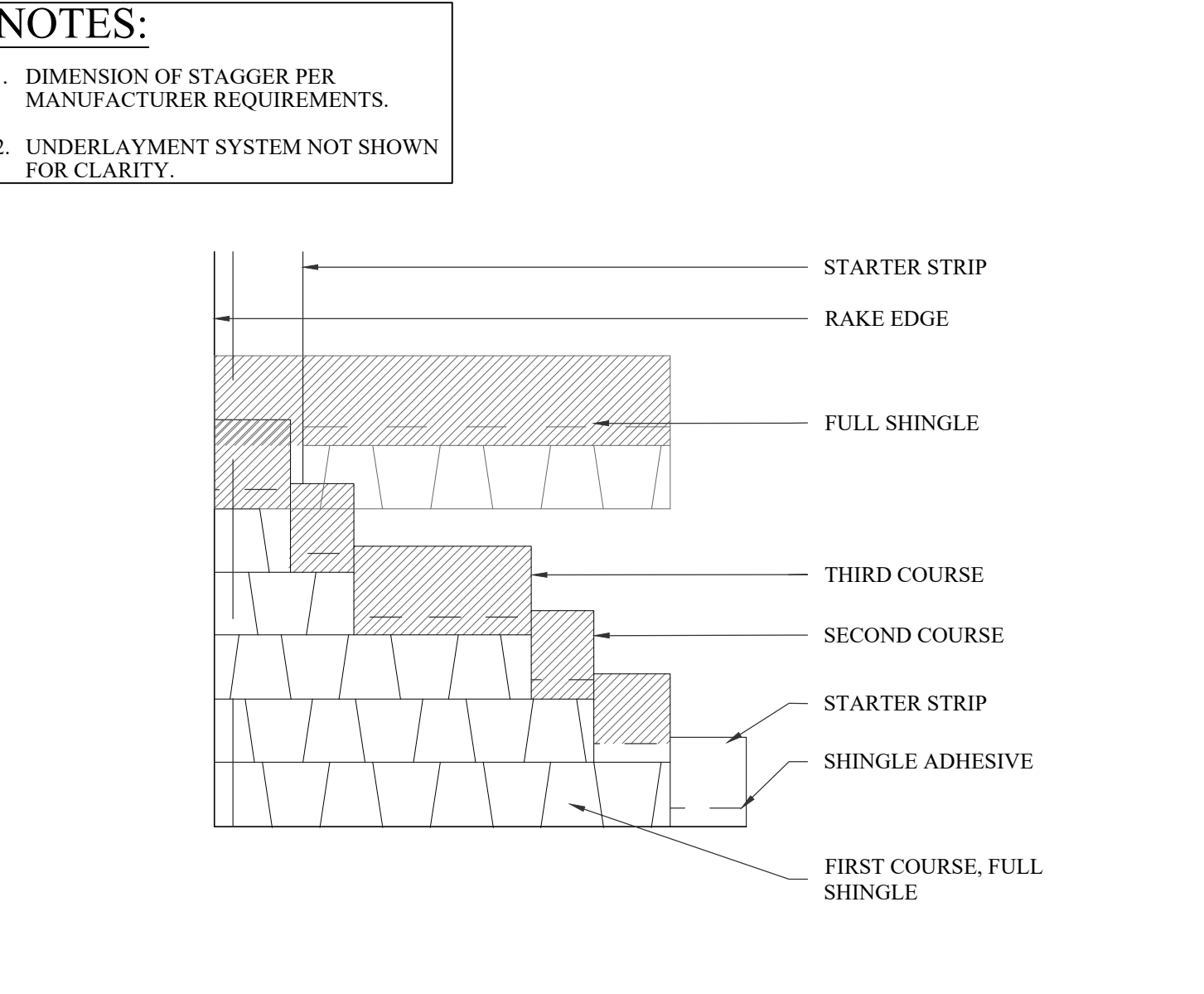
1 ARCHITECTURAL LAMINATE SHINGLE ASSEMBLY
D-1.1 N.T.S.



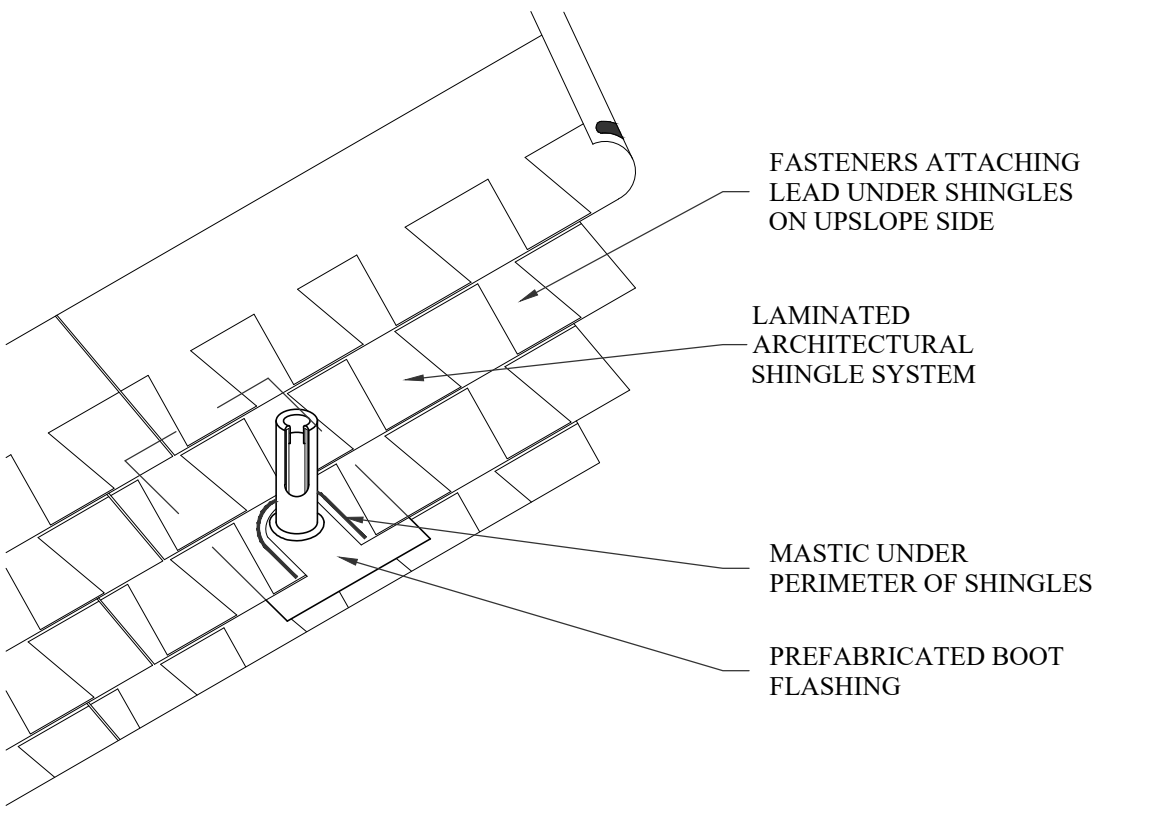
2 SHINGLE FASTENER LAYOUT
D-1.1 N.T.S.



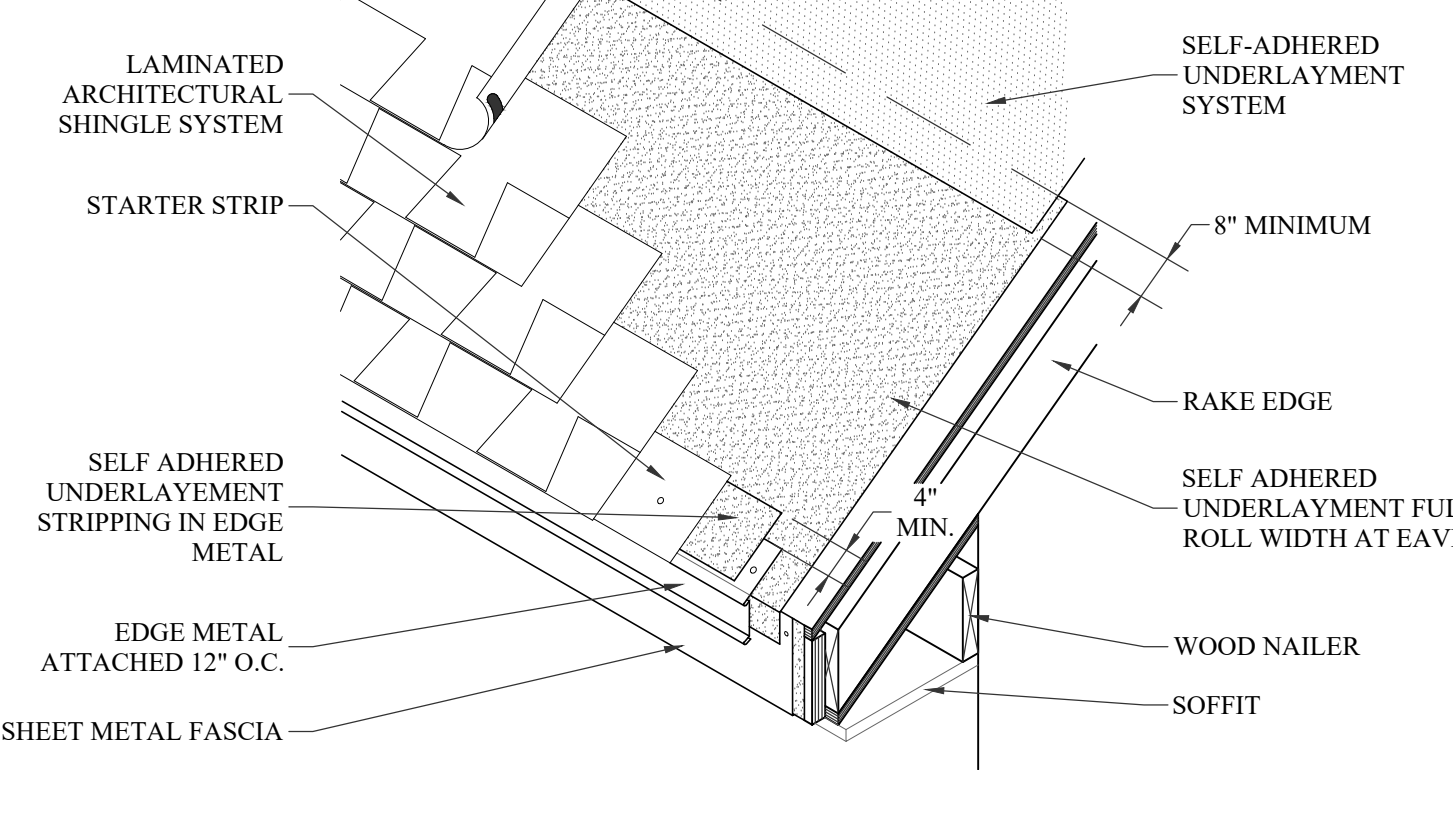
3 SEALANT JOINT AT BUILDING WALLS
D-1.1 N.T.S.



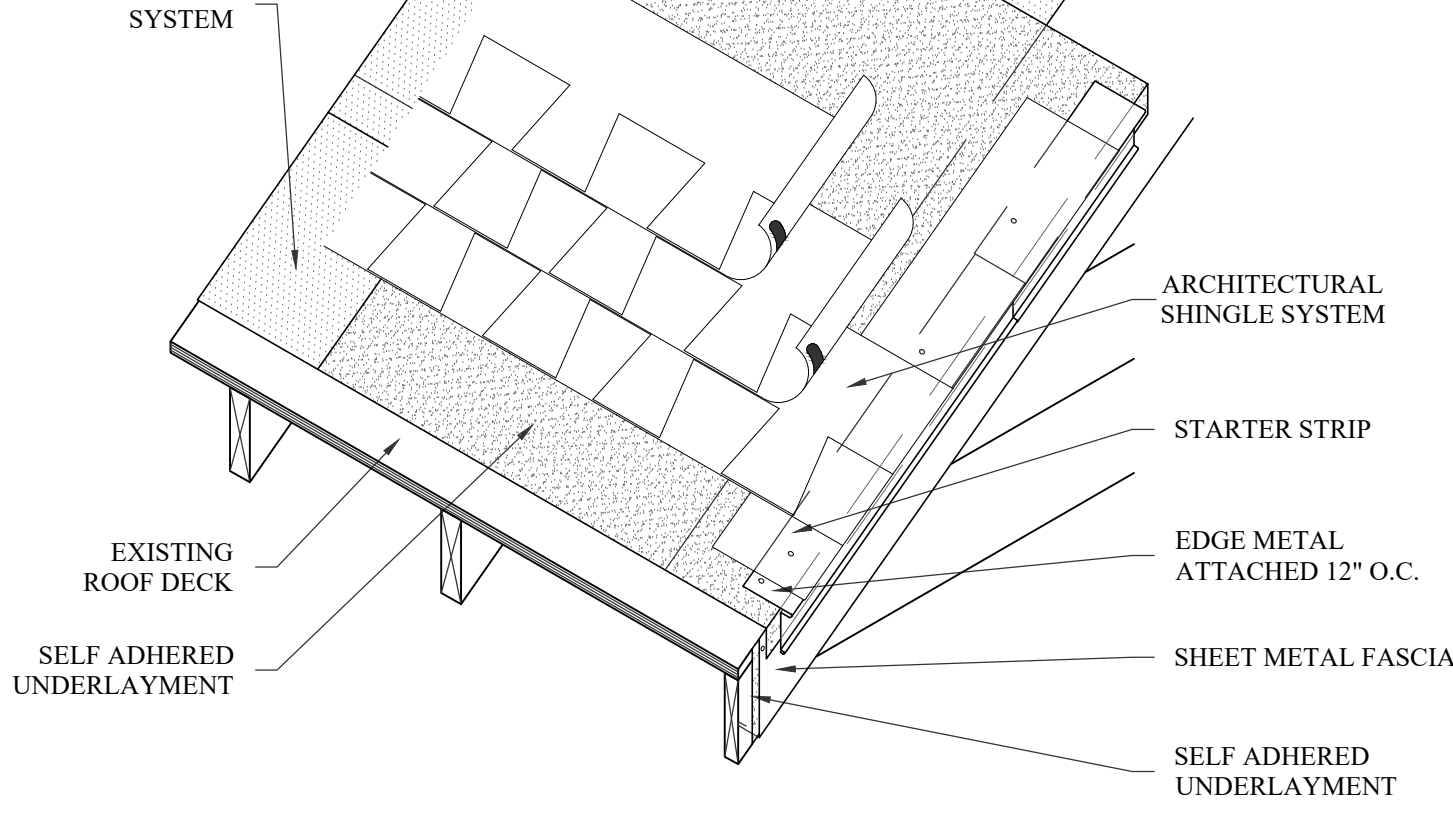
4 SHINGLE INSTALLATION
D-1.1 N.T.S.



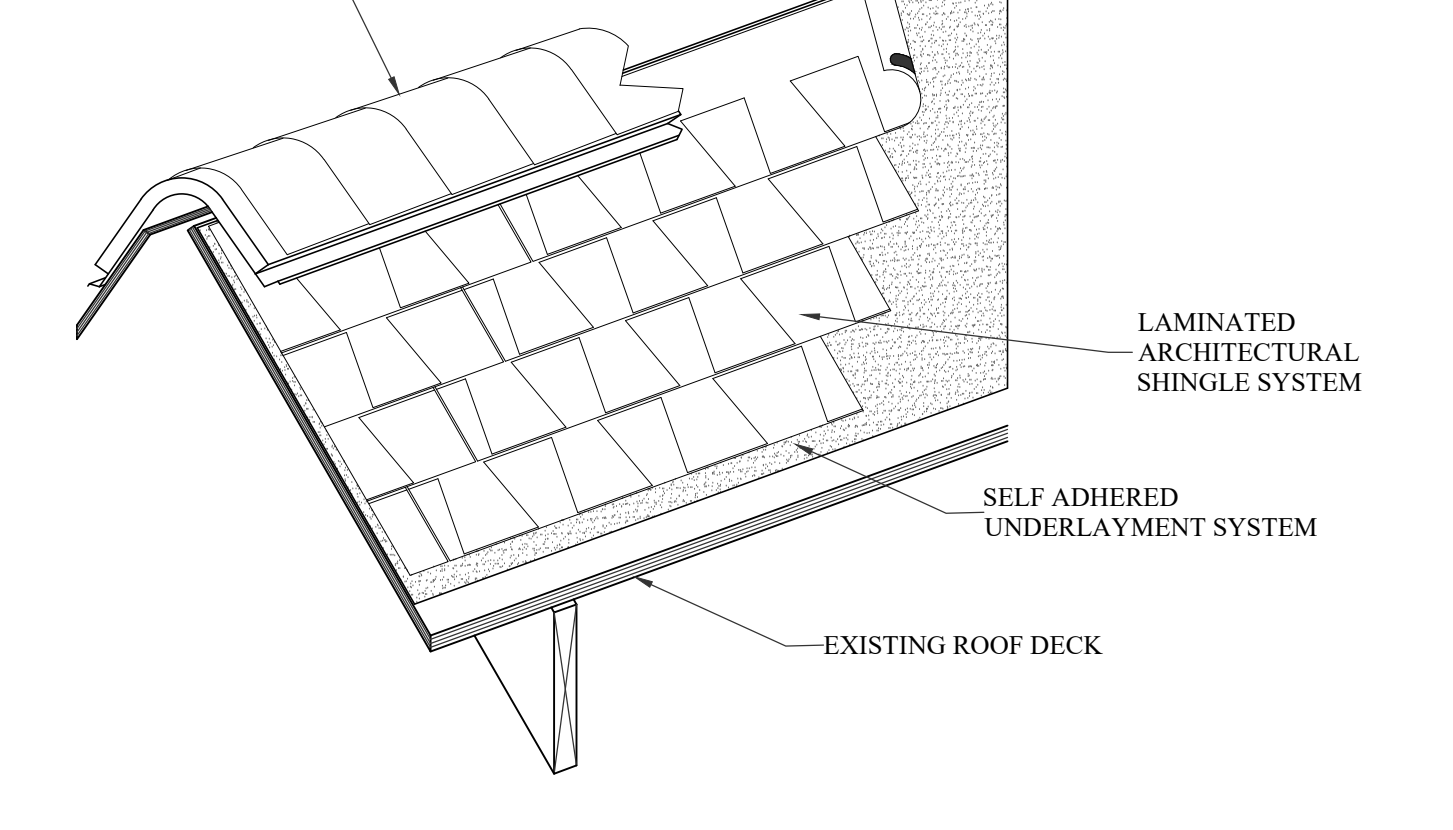
5 VENT THROUGH ROOF
D-1.1 N.T.S.



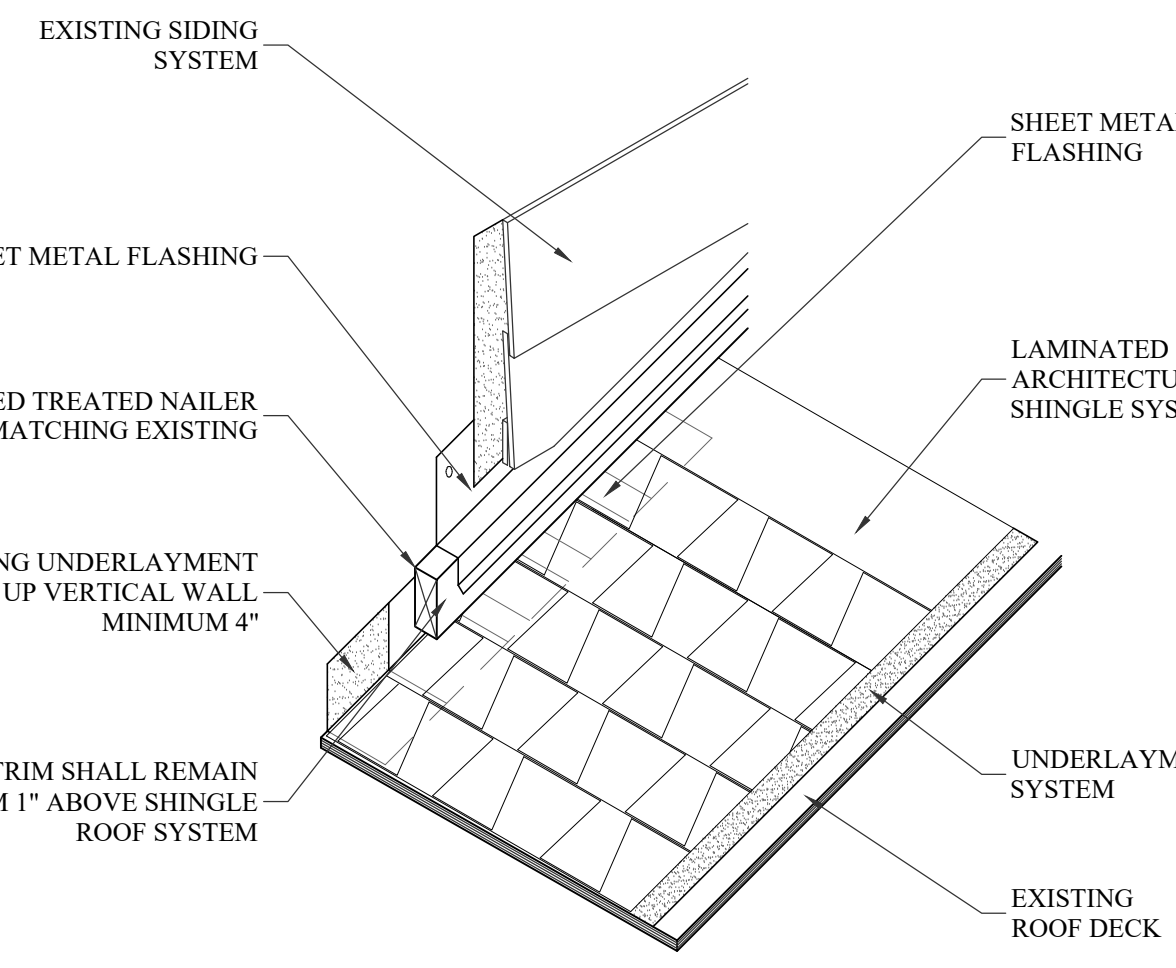
6 ROOF EDGE
D-1.1 N.T.S.



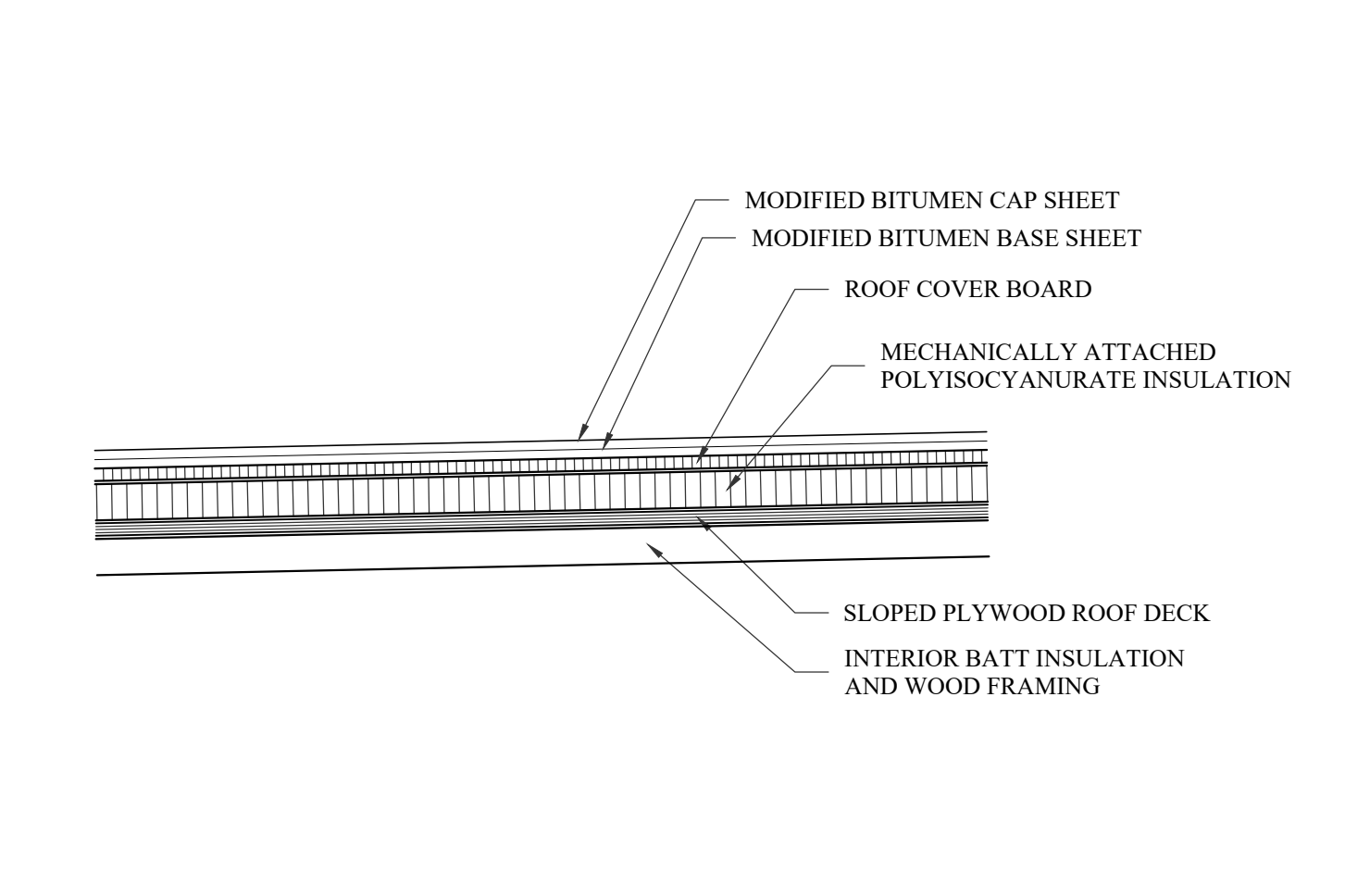
7 RAKE
D-1.1 N.T.S.



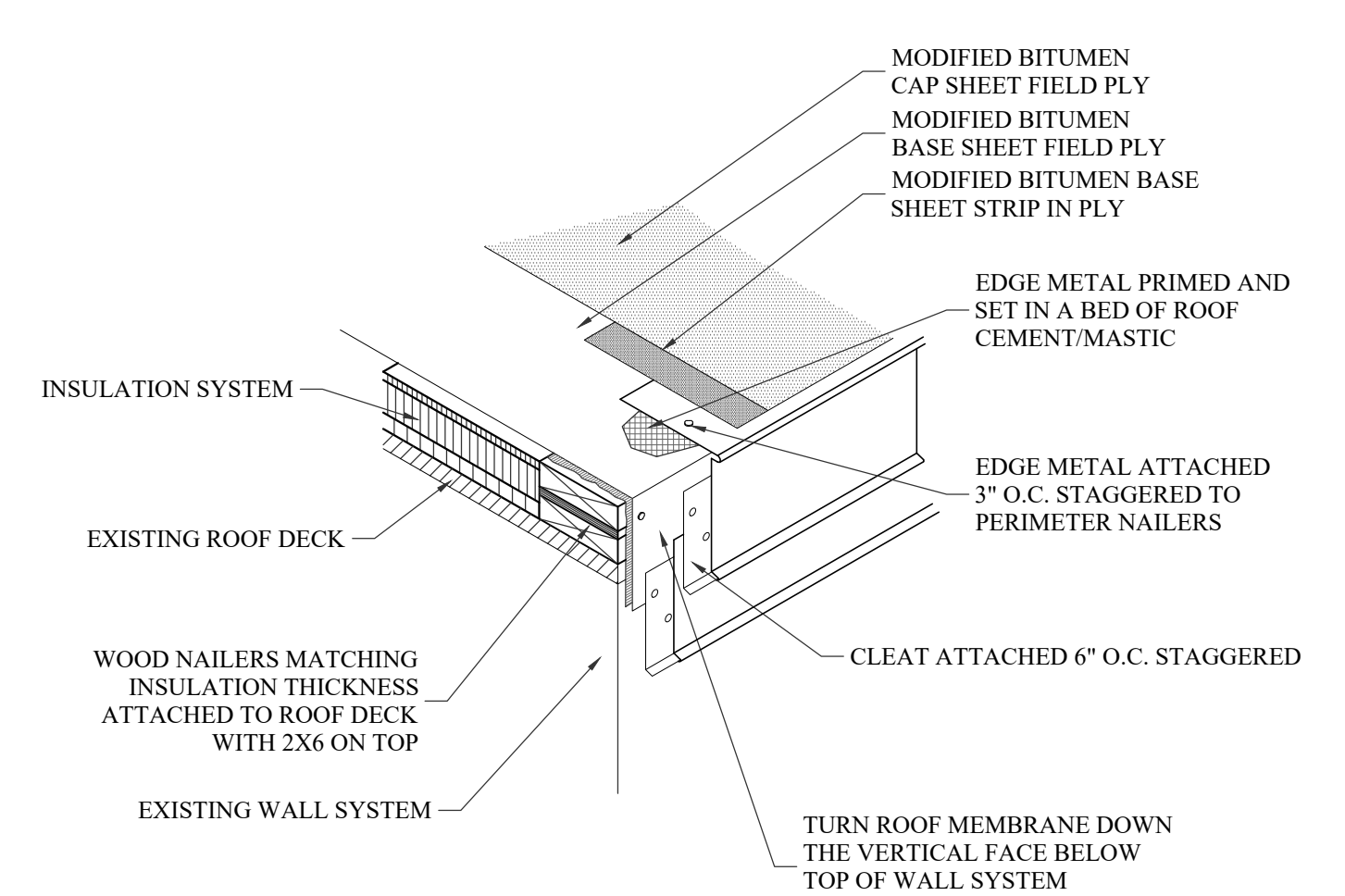
8 RIDGE
D-1.1 N.T.S.



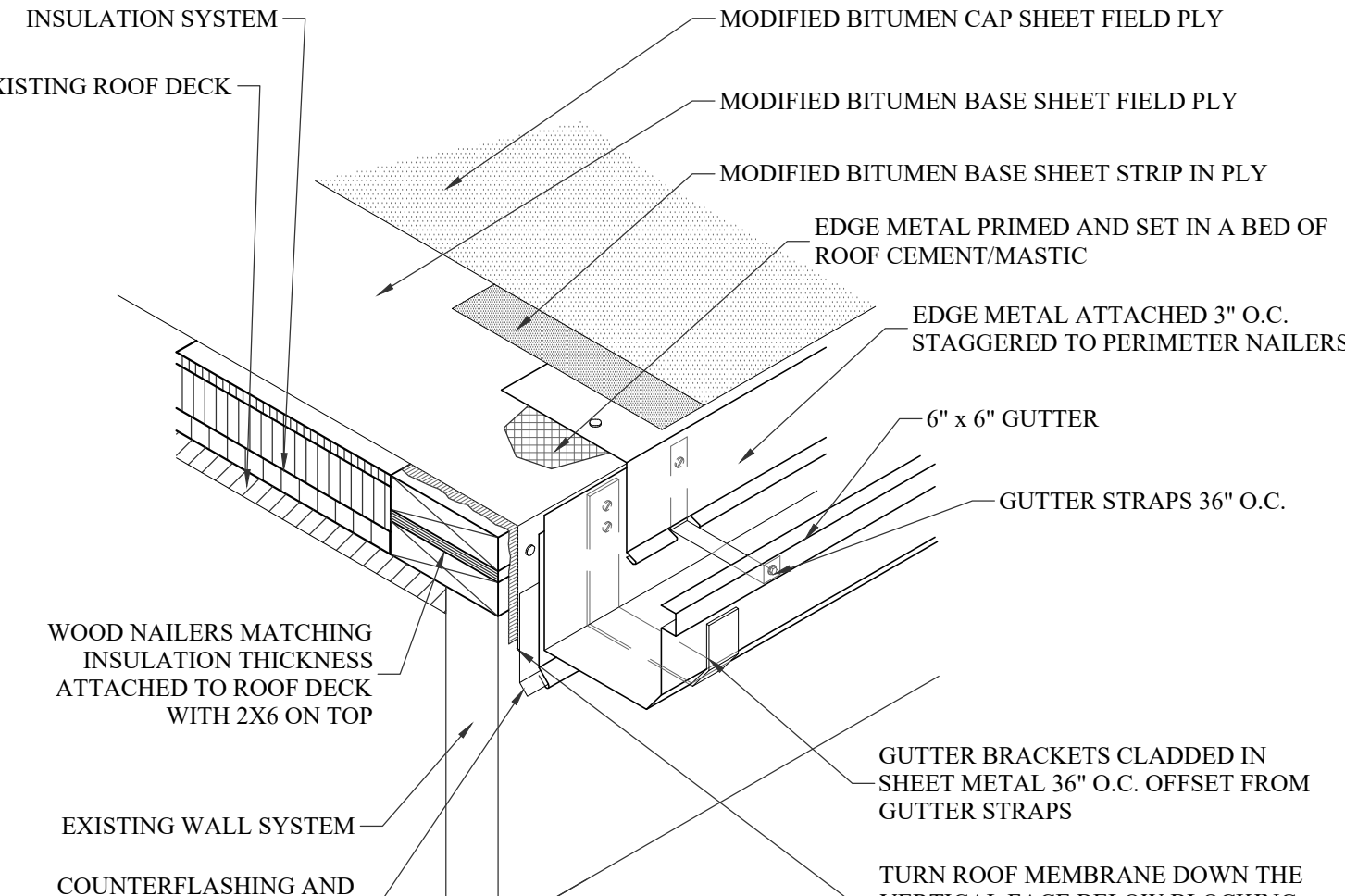
9 ROOF TO SIDE WALL
D-1.1 N.T.S.



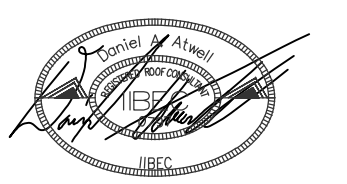
10 MODIFIED BITUMEN ROOF ASSEMBLY
D-1.1 N.T.S.



11 ROOF EDGE
D-1.1 N.T.S.



12 ROOF EDGE WITH GUTTER
D-1.1 N.T.S.



DESIGNED: DANIEL ATWELL

ORANGEBURG-CALHOUN TECHNICAL COLLEGE
BUILDING "O" AND BUILDING "P" ROOF
REPLACEMENT

STATE PROJECT NUMBER: H59-N340-PD
3250 ST. MATTHEWS ROAD
ORANGEBURG, SC 29118



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CHARLESTON AREA OFFICE
217 N. LIVE OAK DRIVE
MONCK'S CORNER, SOUTH CAROLINA
EMAIL:JOE@WMBECONSULTANTS.COM

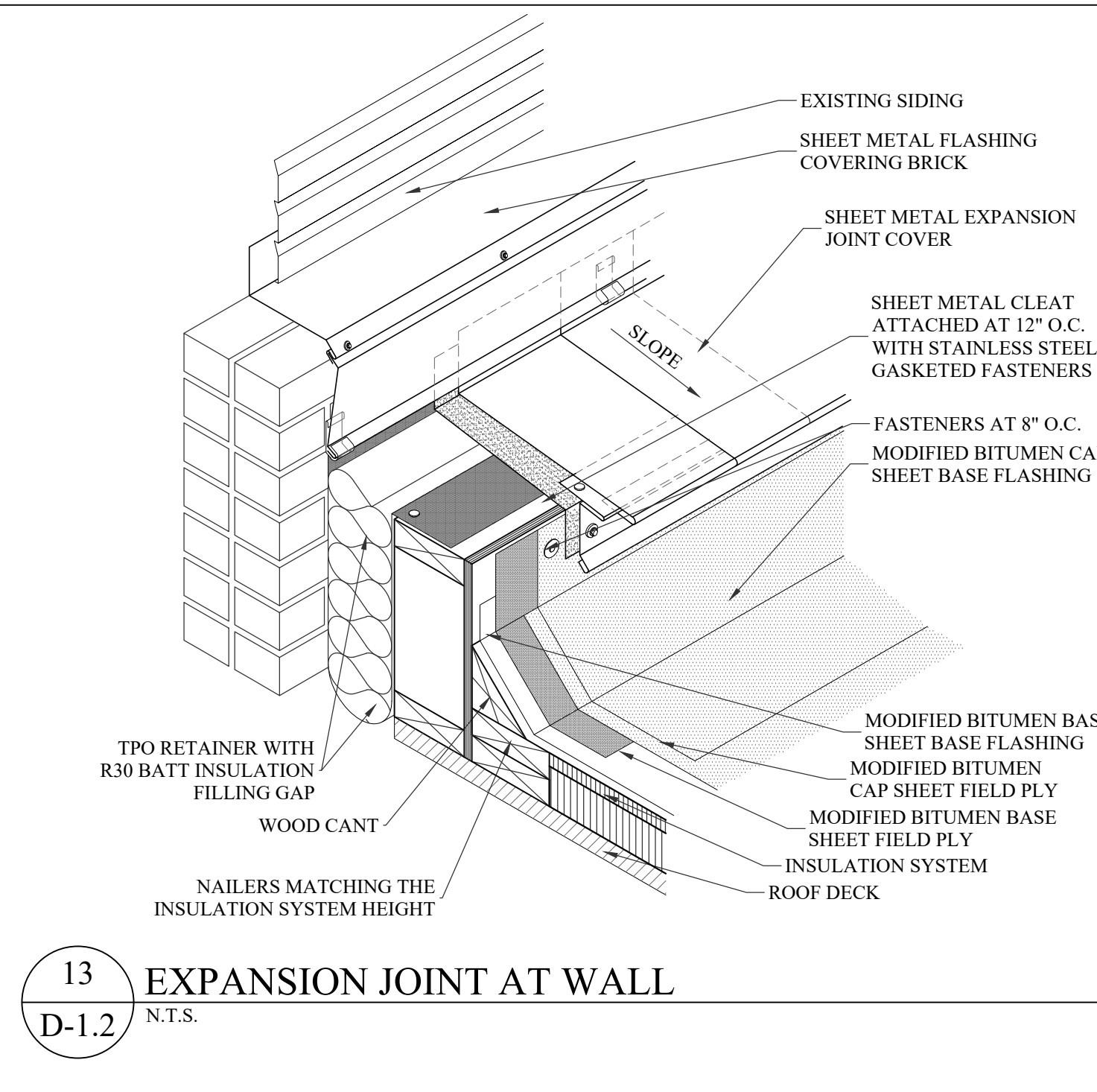
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PROJECT NUMBER: 2025-137
CONSTRUCTION DOCUMENTS

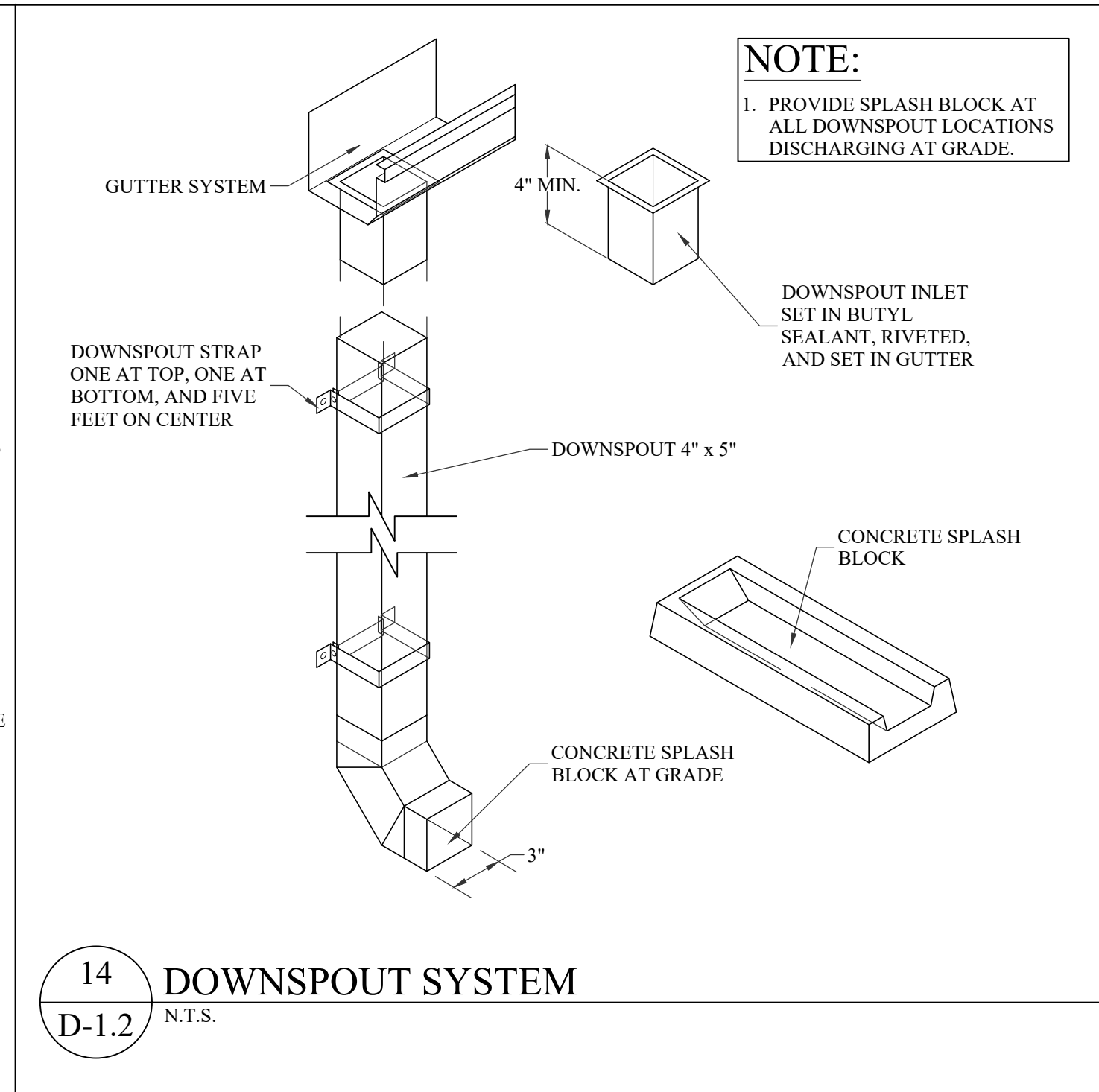
DATE: 10-09-2025

DETAILS
(BUILDING "P")

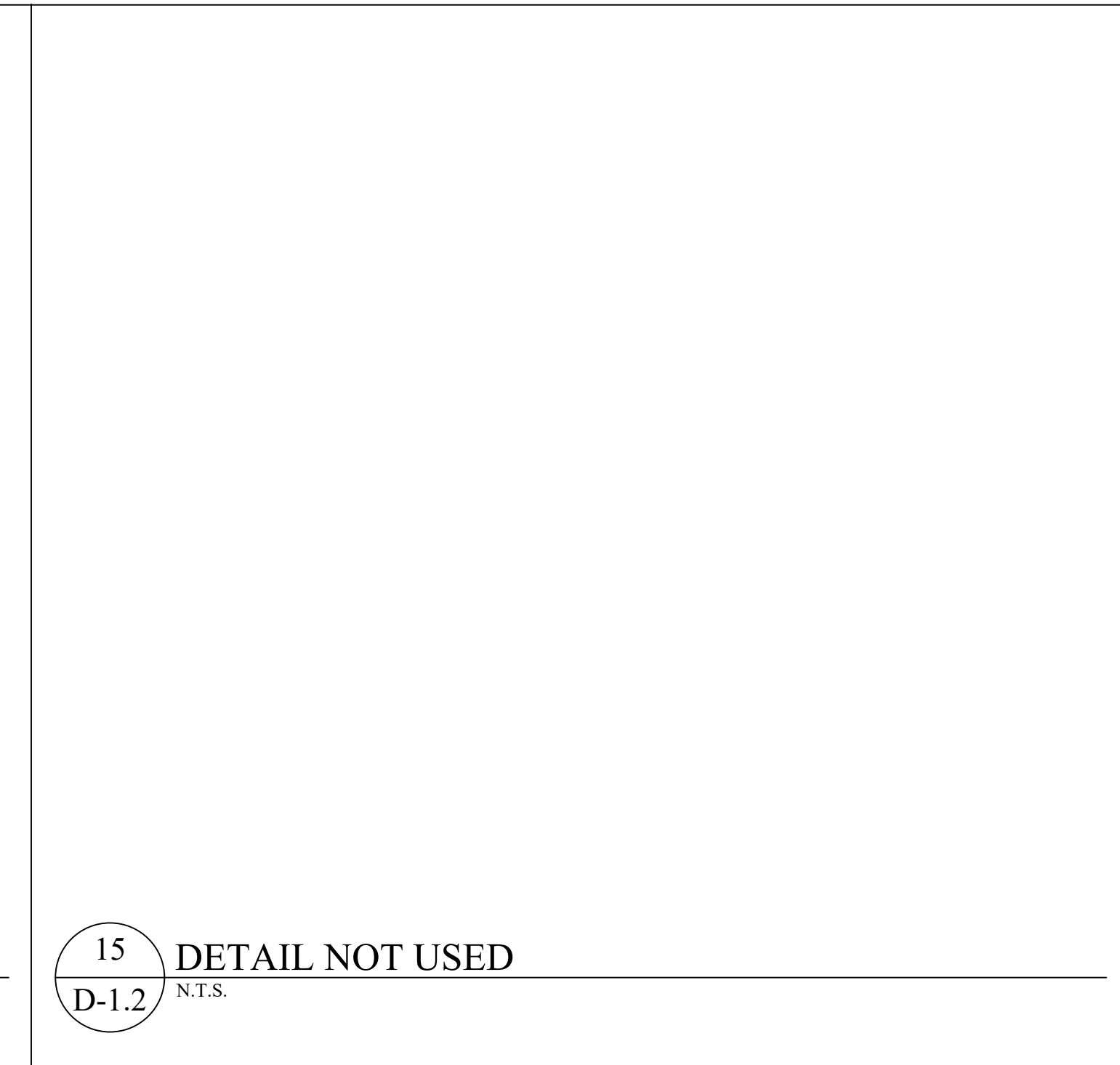
D-1.1



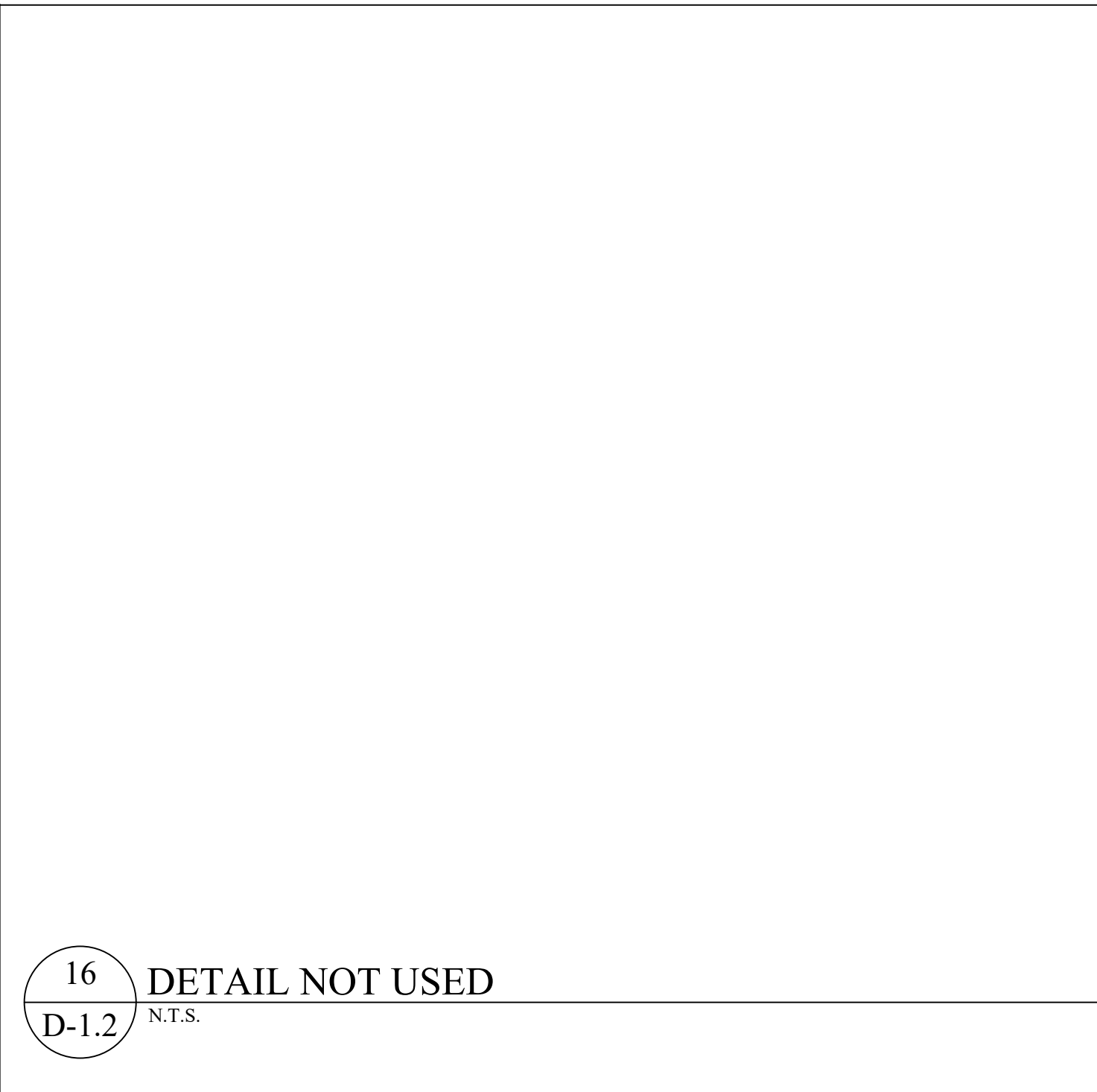
13 EXPANSION JOINT AT WALL
D-1.2 N.T.S.



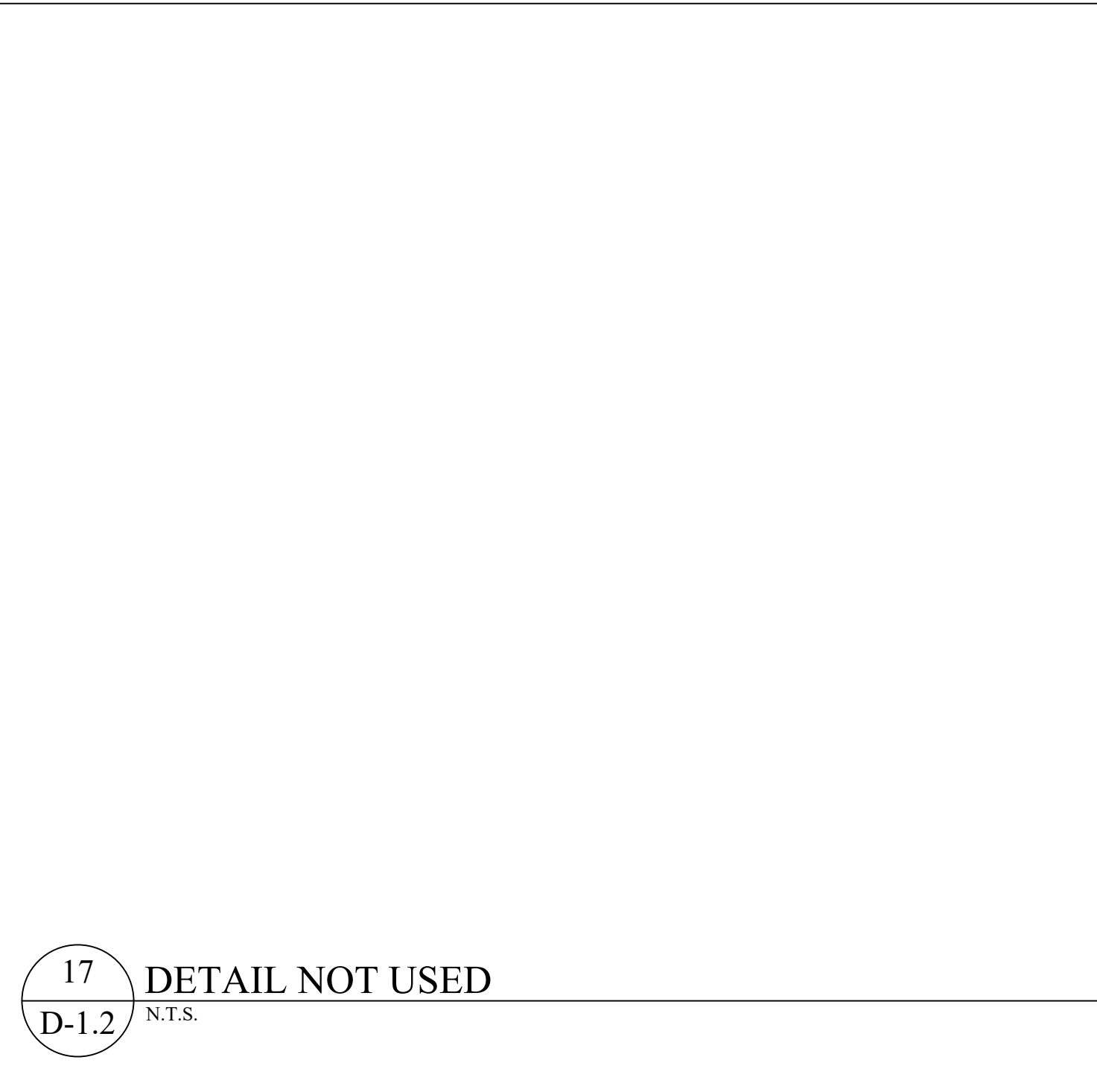
14 DOWNSPOUT SYSTEM
D-1.2 N.T.S.



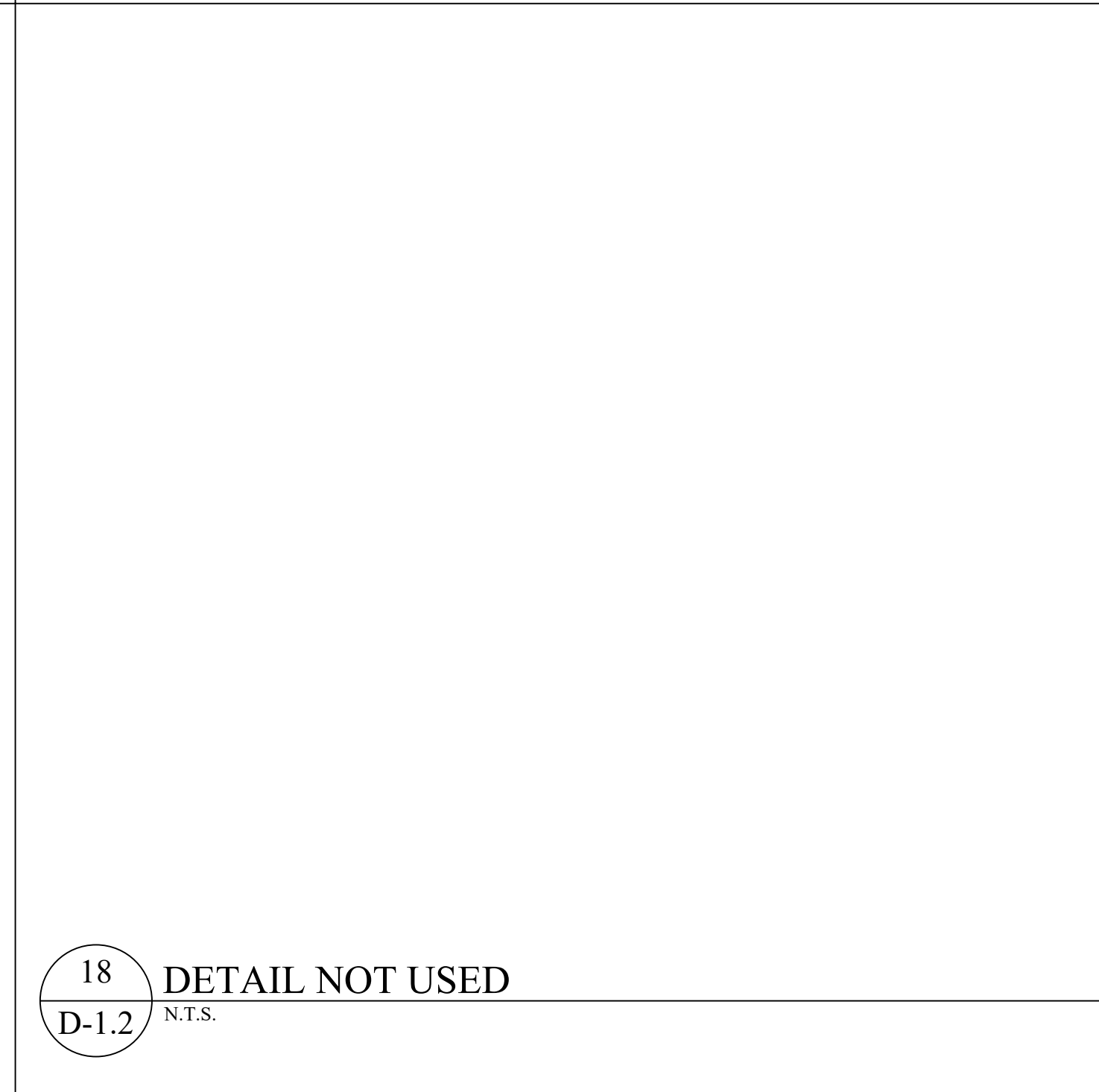
15 DETAIL NOT USED
D-1.2 N.T.S.



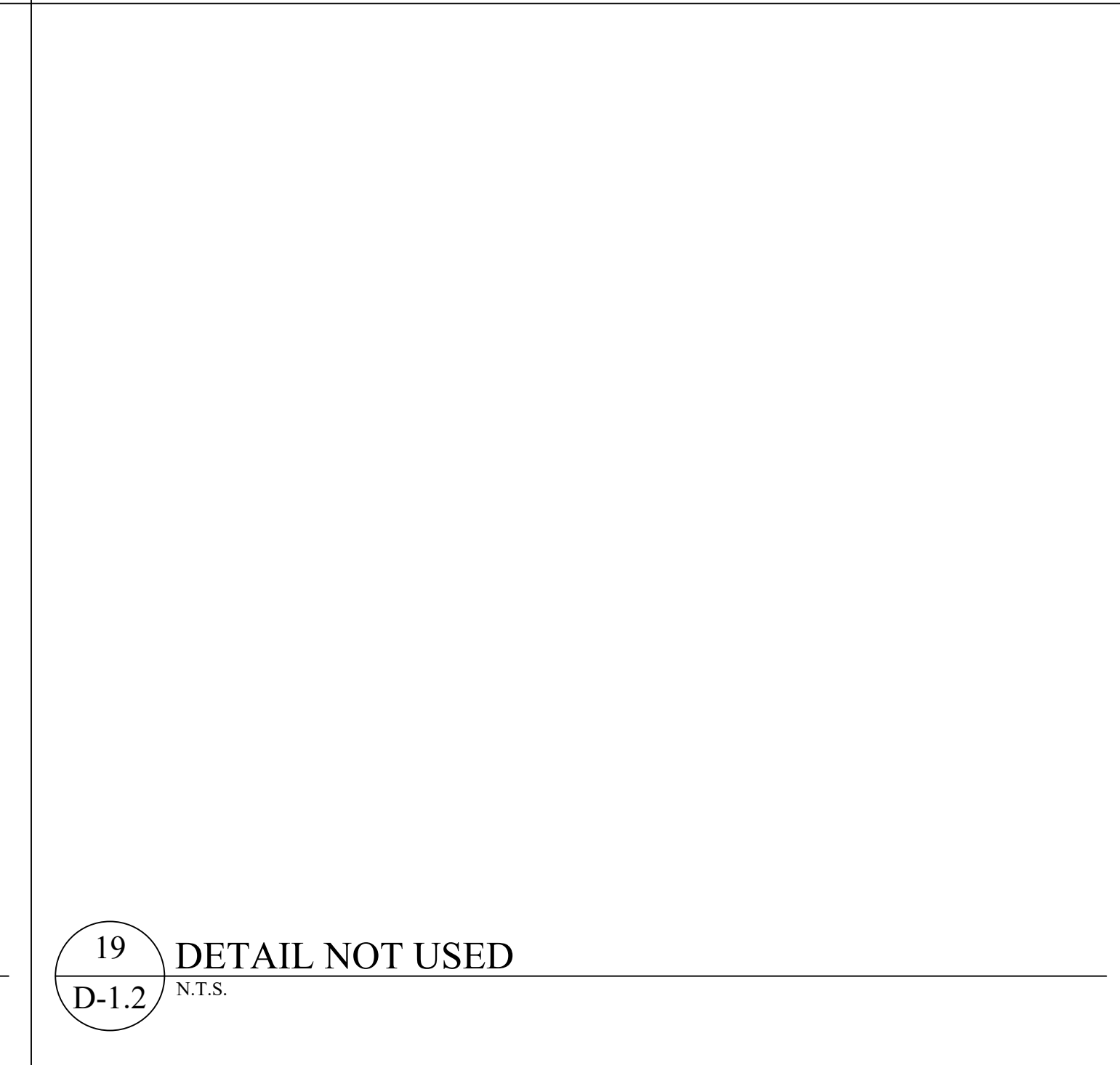
16 DETAIL NOT USED
D-1.2 N.T.S.



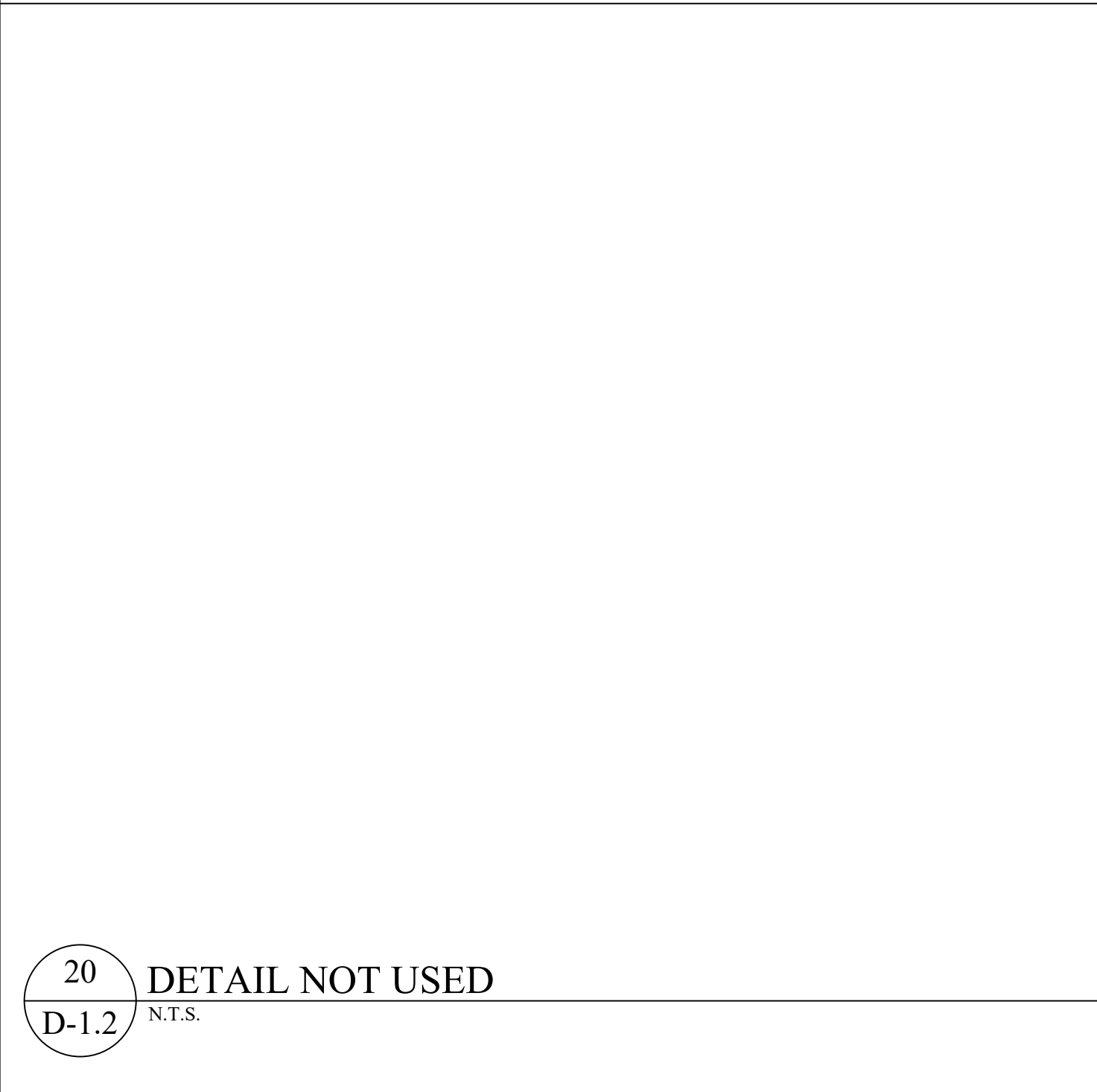
17 DETAIL NOT USED
D-1.2 N.T.S.



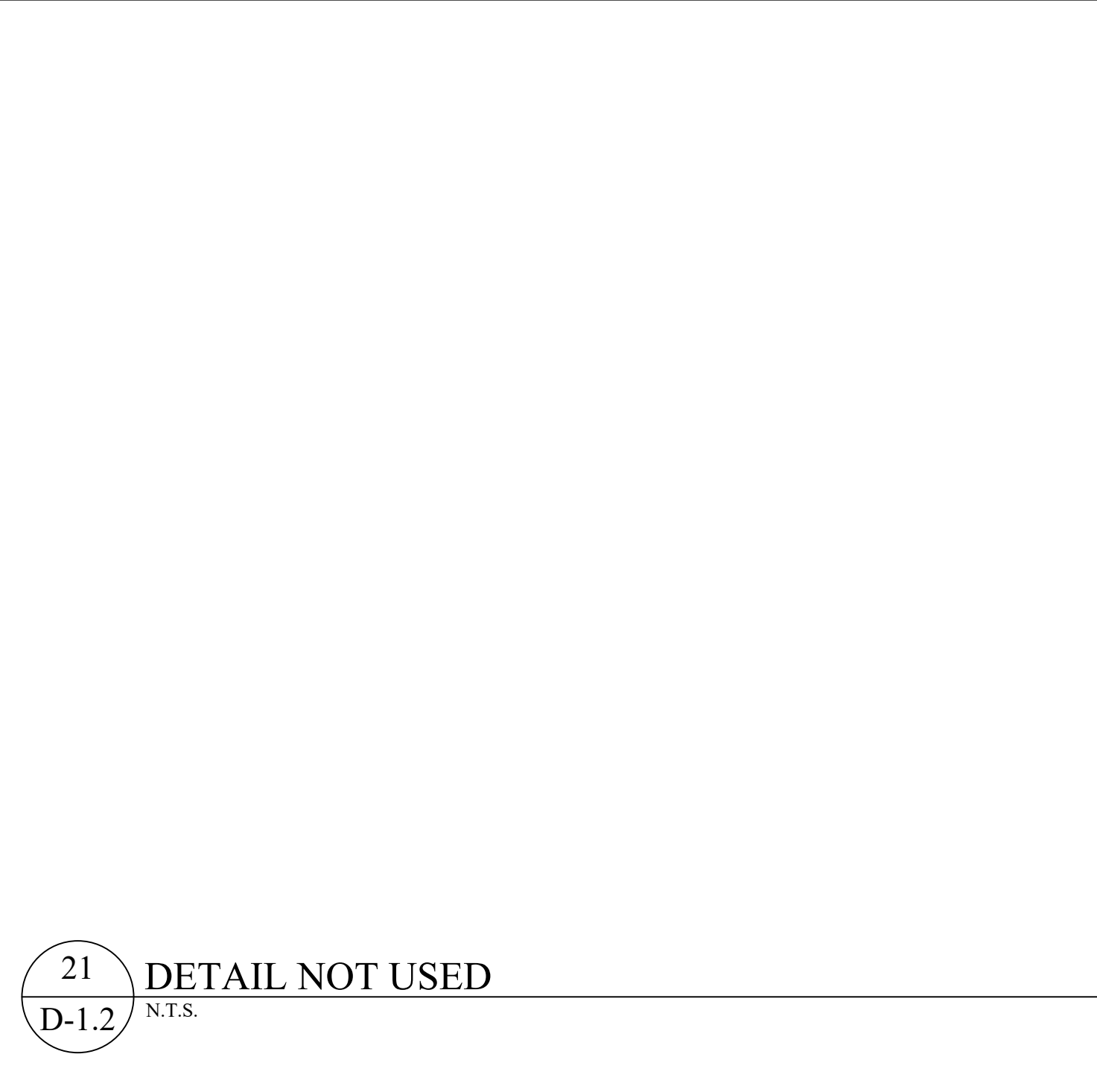
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D-1.2 N.T.S.



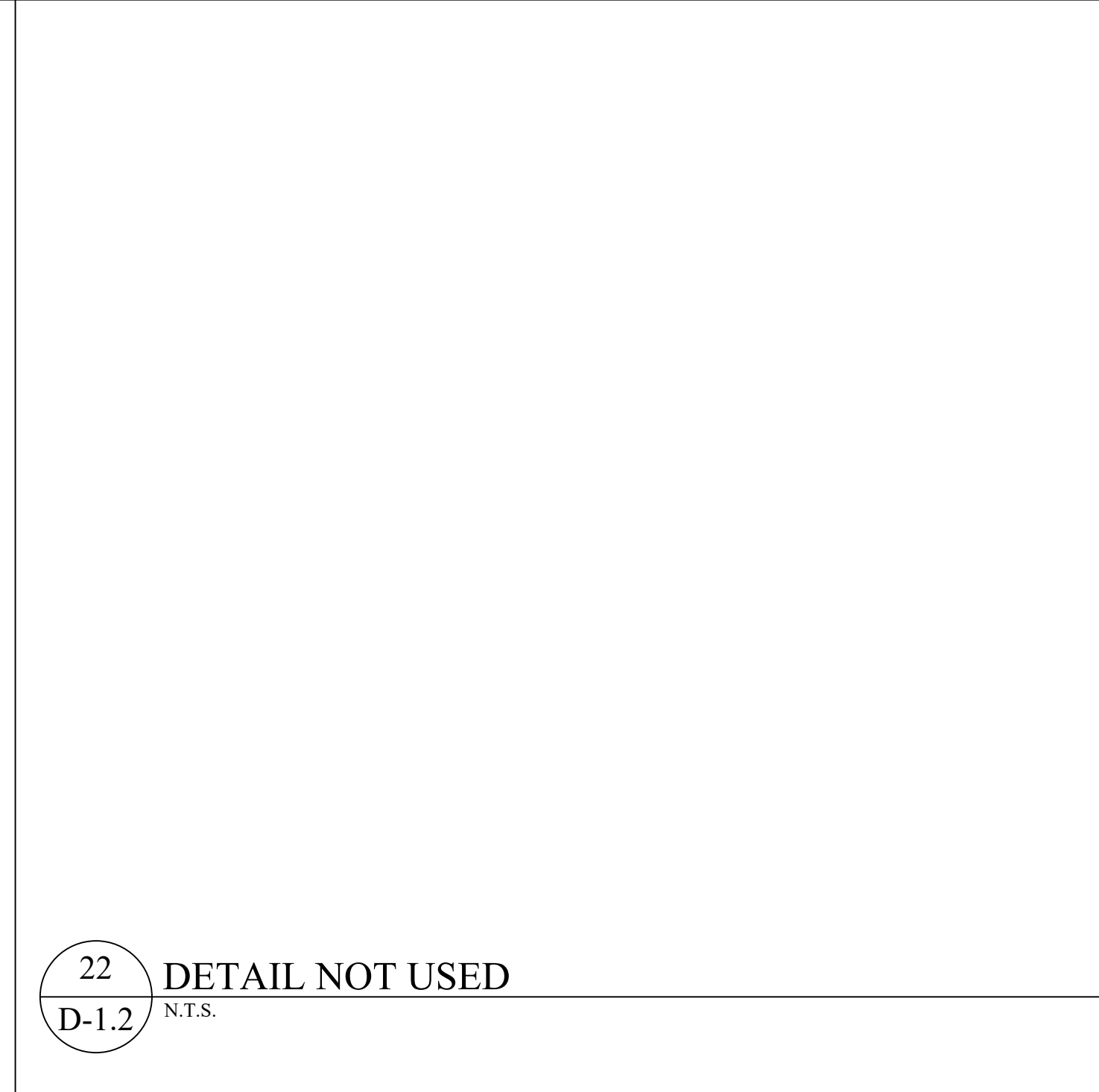
19 DETAIL NOT USED
D-1.2 N.T.S.



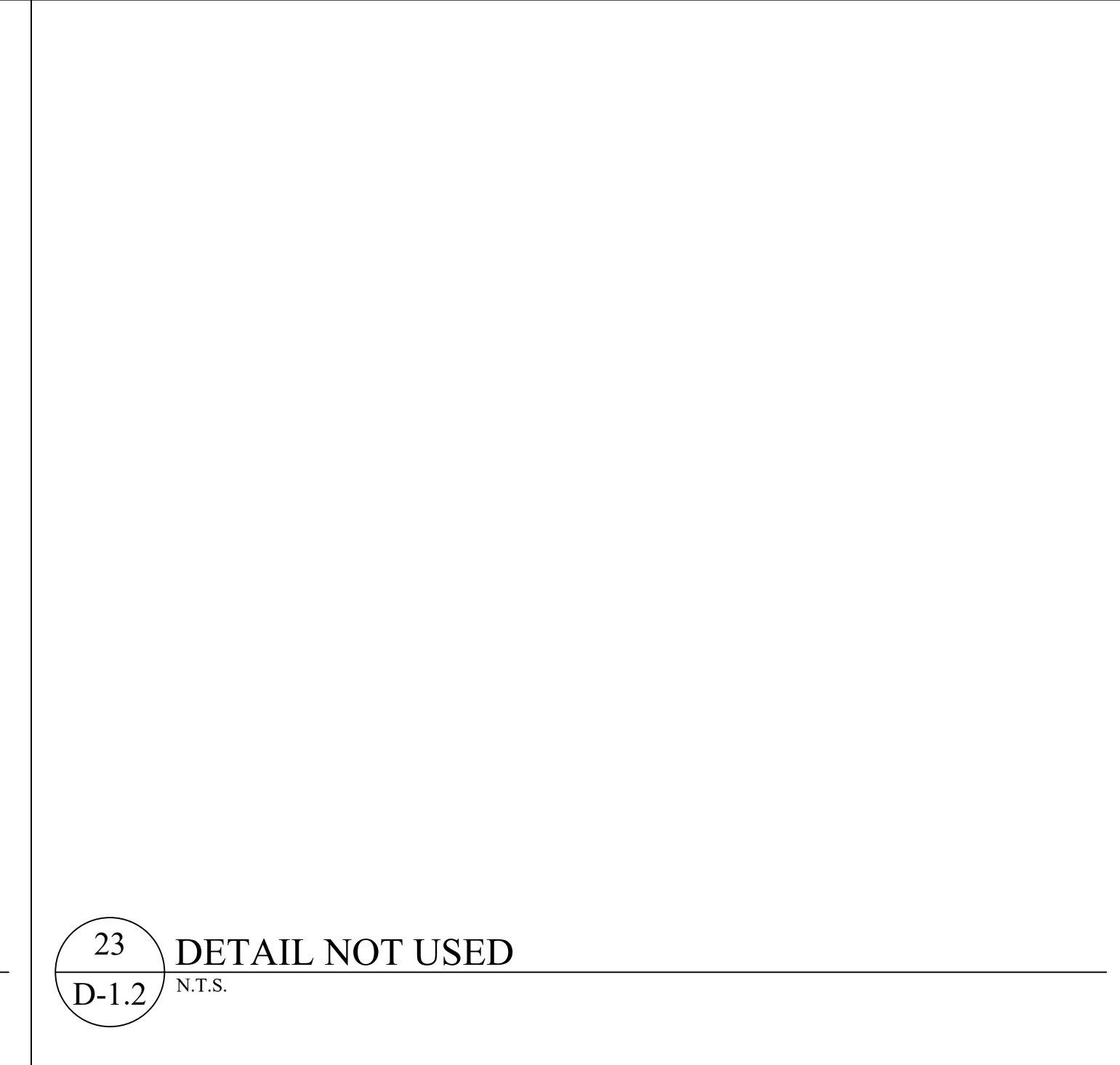
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D-1.2 N.T.S.



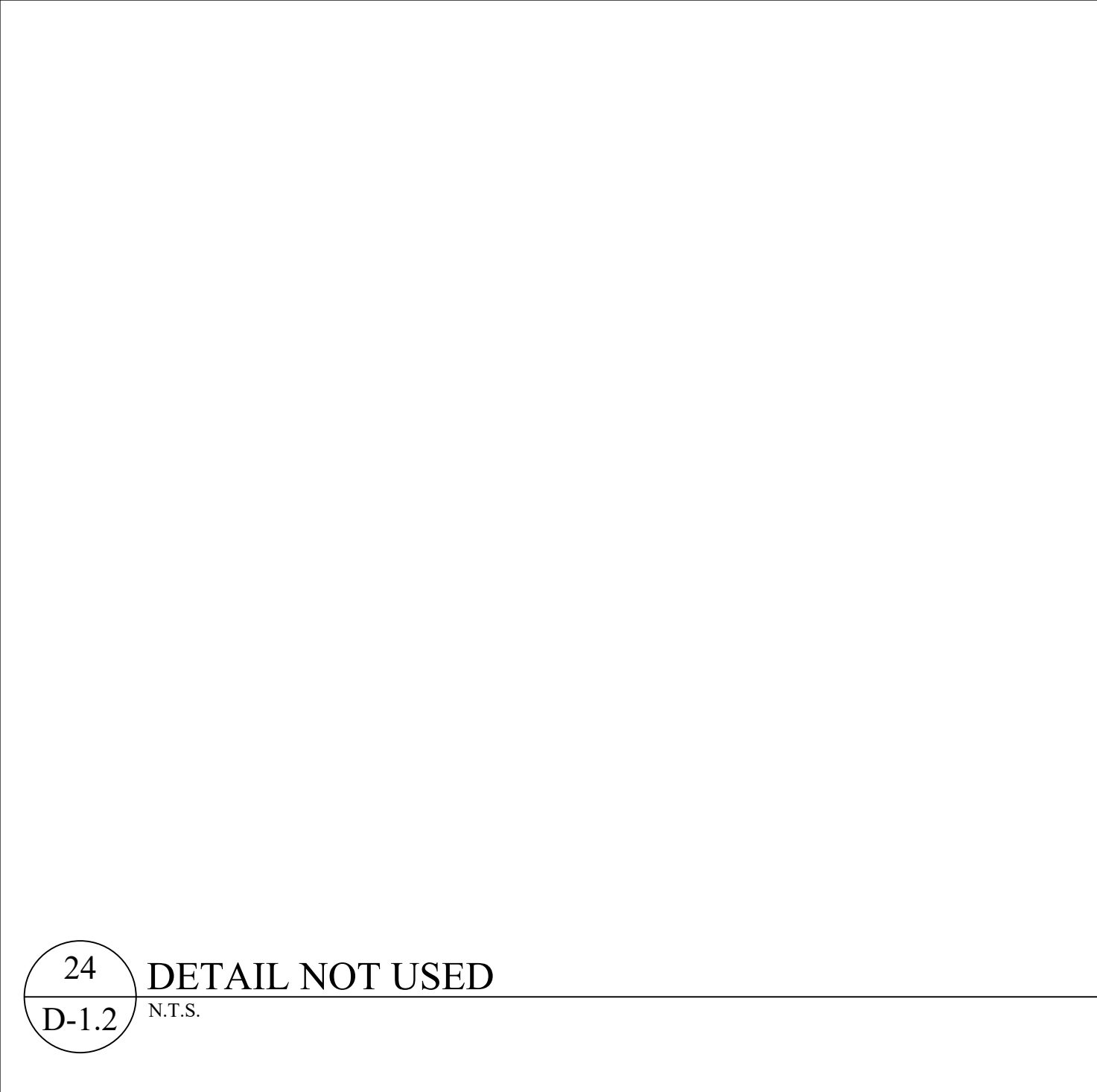
21 DETAIL NOT USED
D-1.2 N.T.S.



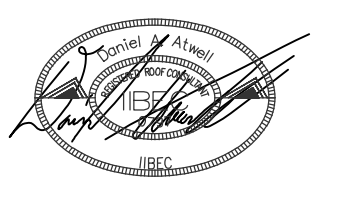
22 DETAIL NOT USED
D-1.2 N.T.S.



23 DETAIL NOT USED
D-1.2 N.T.S.



24 DETAIL NOT USED
D-1.2 N.T.S.



DESIGNED: DANIEL ATWELL

ORANGEBURG-CALHOUN TECHNICAL COLLEGE
BUILDING "C" AND BUILDING "P" ROOF
REPLACEMENT

STATE PROJECT NUMBER: H59-N3-40-PD
3250 ST. MATTHEWS ROAD
ORANGEBURG, SC 29118



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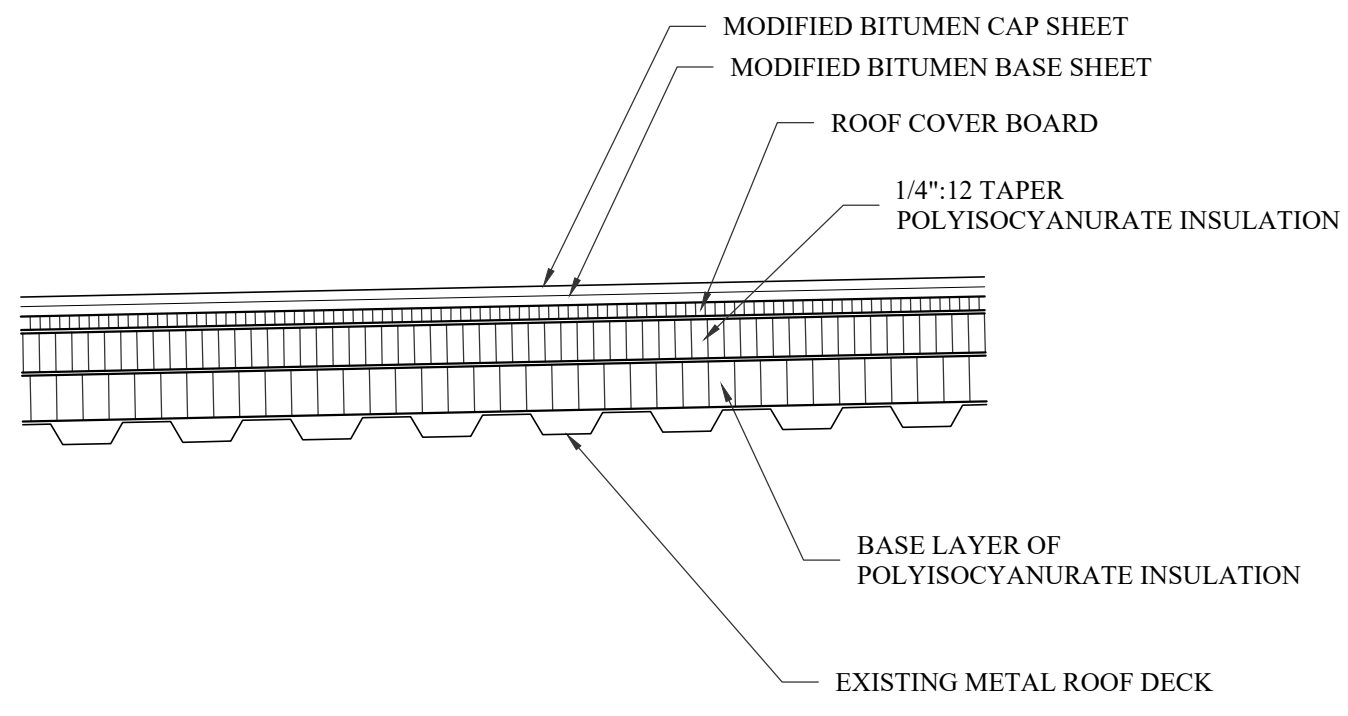
PROJECT NUMBER: 2025-137

CONSTRUCTION DOCUMENTS

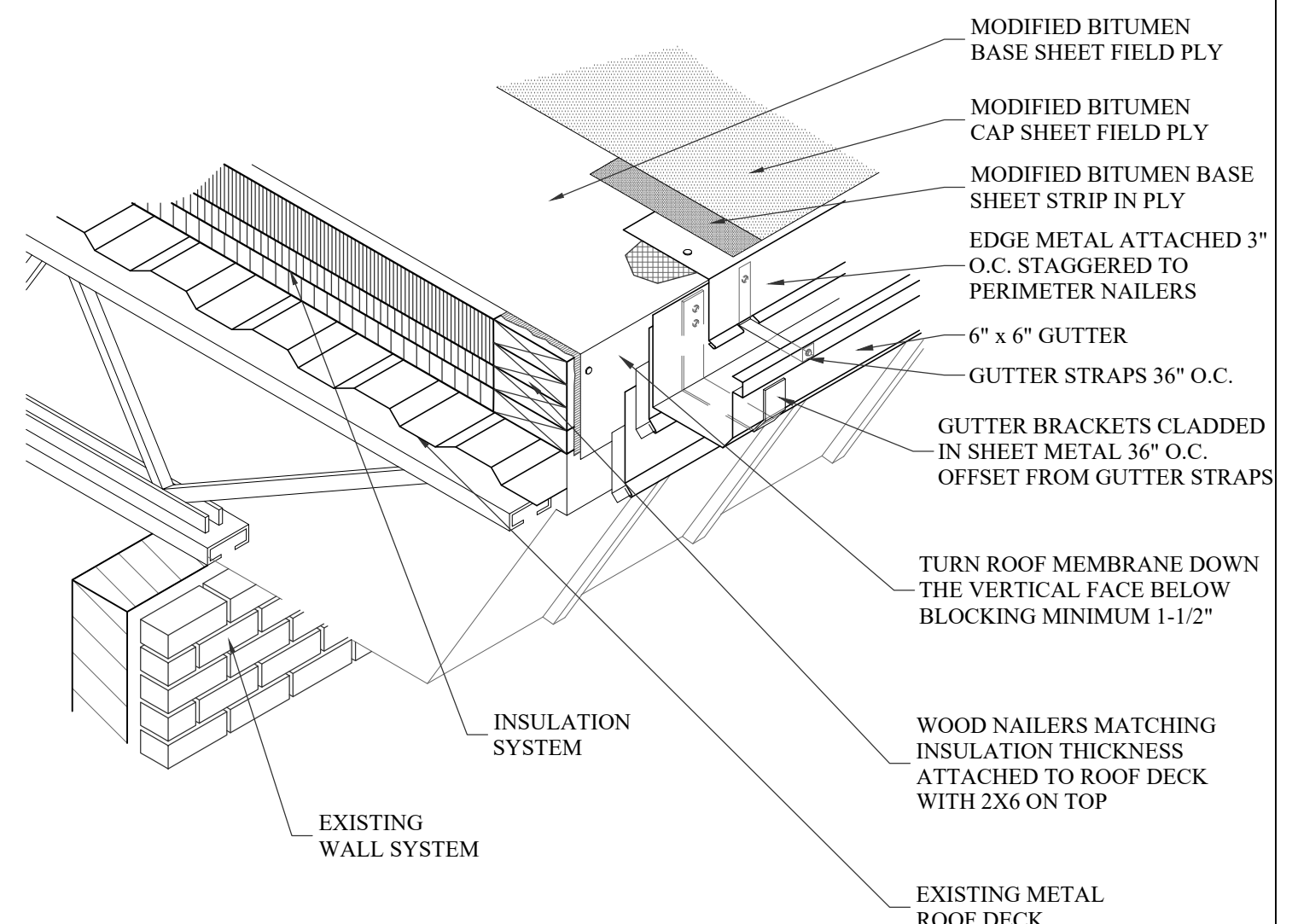
DATE: 10-09-2025

DETAILS
(BUILDING "P")

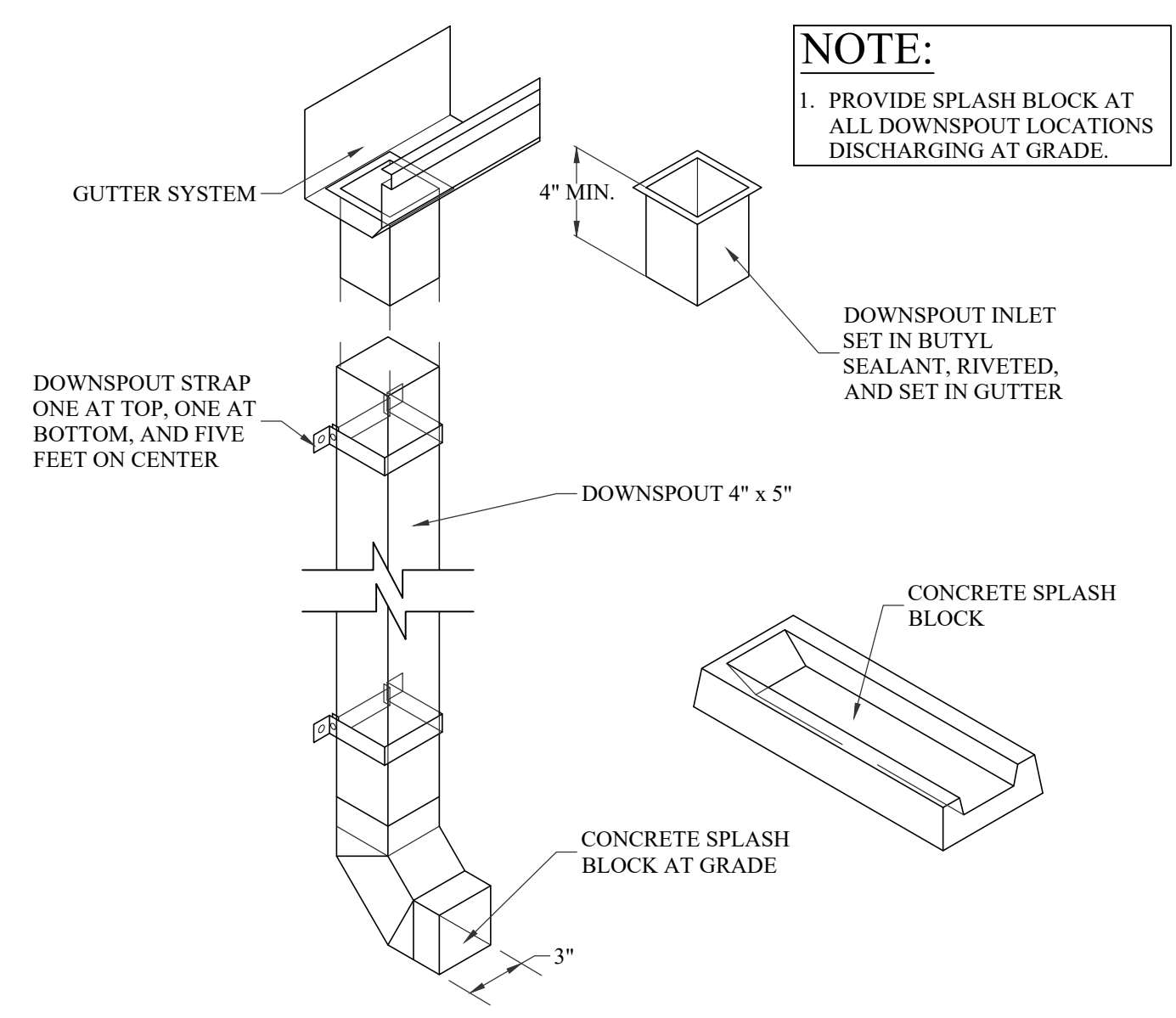
D-1.2



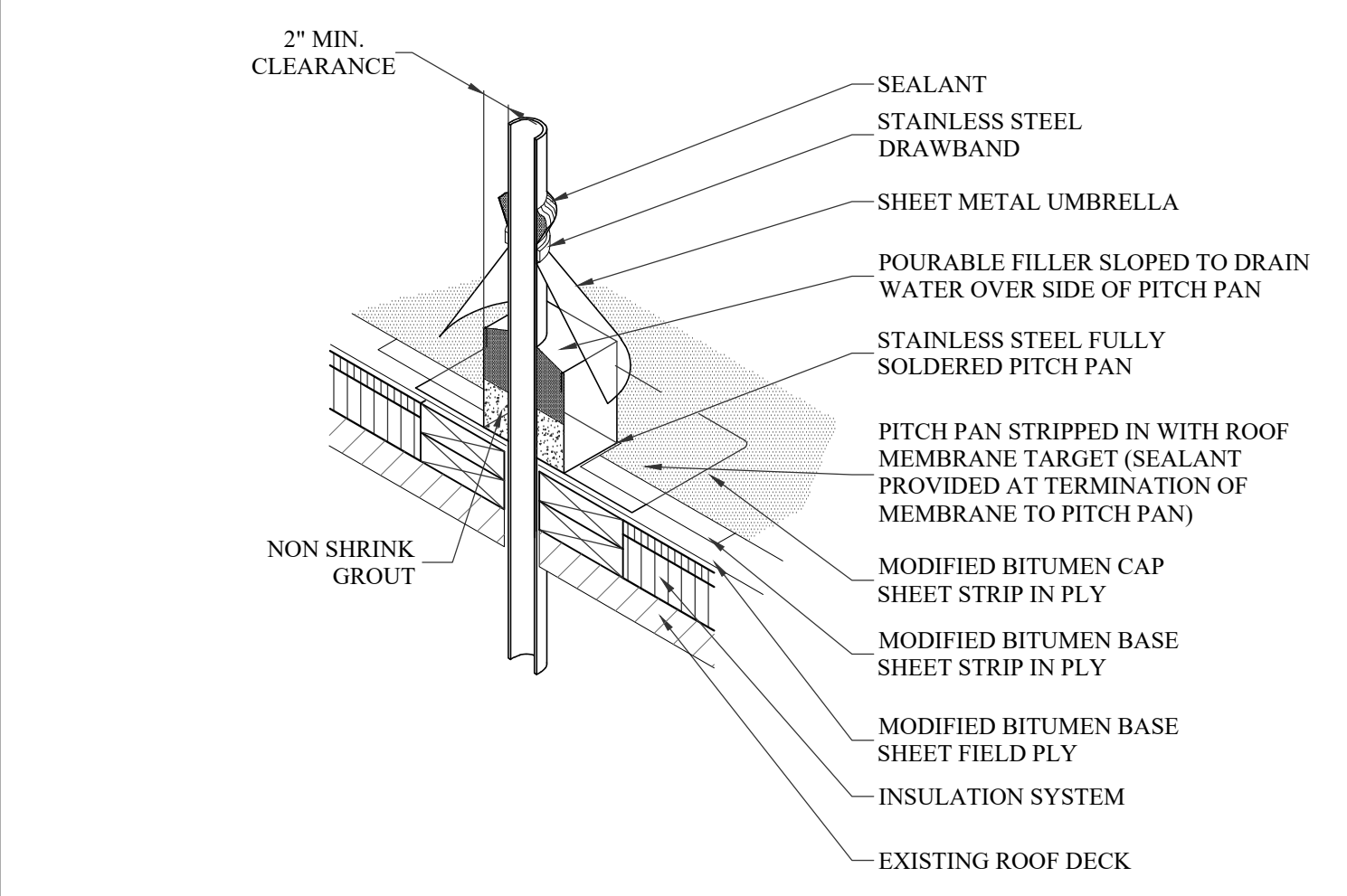
1 ROOF ASSEMBLY
D-2.1 N.T.S.



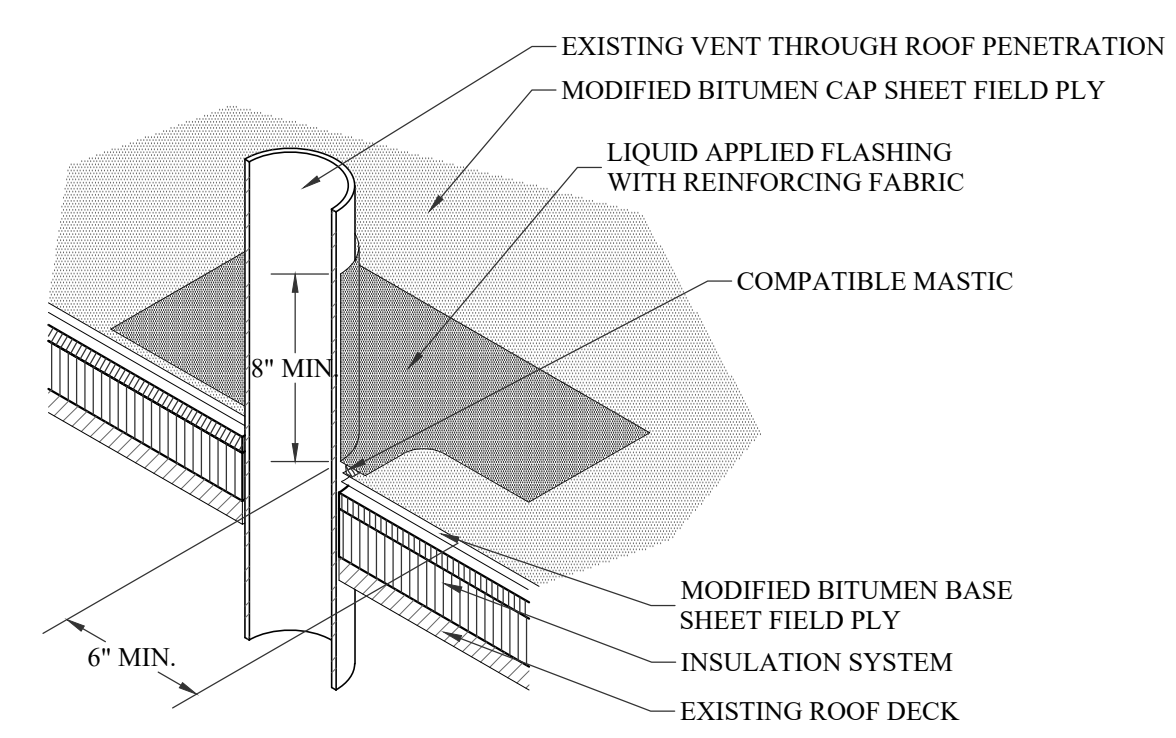
2 ROOF EDGE WITH GUTTER
D-2.1 N.T.S.



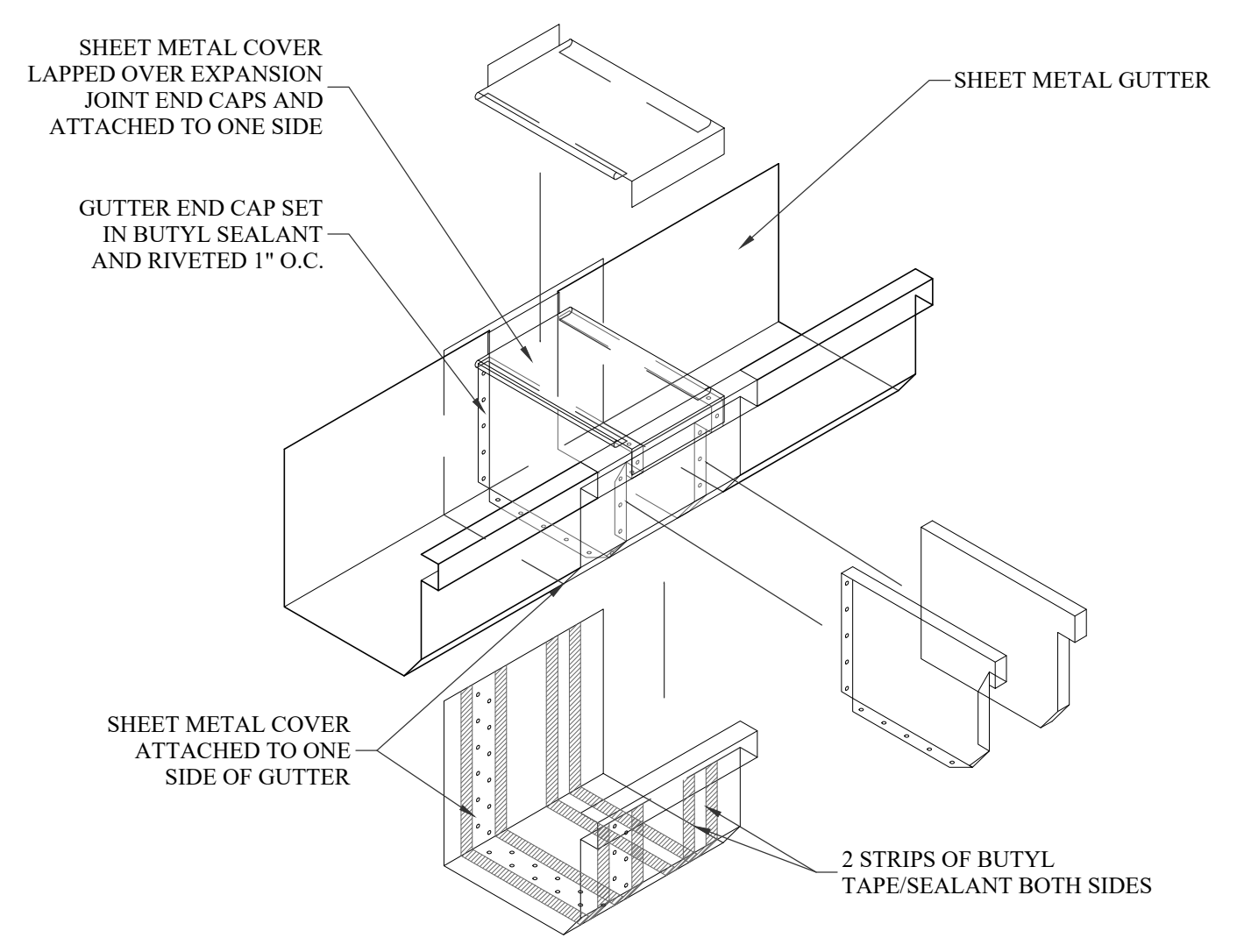
3 DOWNSPOUT SYSTEM
D-2.1 N.T.S.



4 PITCH PAN
D-2.1 N.T.S.



5 VENT THROUGH ROOF
D-2.1 N.T.S.



6 GUTTER EXPANSION JOINT
D-2.1 N.T.S.

7 DETAIL NOT USED
D-2.1 N.T.S.

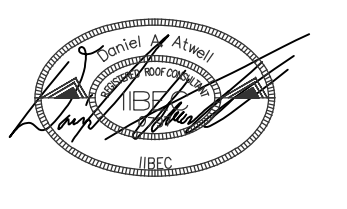
8 DETAIL NOT USED
D-2.1 N.T.S.

9 DETAIL NOT USED
D-2.1 N.T.S.

10 DETAIL NOT USED
D-2.1 N.T.S.

11 DETAIL NOT USED
D-2.1 N.T.S.

12 DETAIL NOT USED
D-2.1 N.T.S.



DESIGNED: DANIEL ATWELL

ORANGEBURG-CALHOUN TECHNICAL COLLEGE
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DETAILS
(BUILDING "O")

D-2.1