



City of Roseburg

Fulton Shop Building Reroof

425 NE Fulton Street, Roseburg, OR 97479
Project No. 22PW07

3/14/2022

THIS DRAWING SET IS PART OF THE CONSTRUCTION DOCUMENTS
SET FOR THIS PROJECT IN ADDITION TO THE PROJECT MANUAL.

SHEET INDEX

T1	TITLE SHEET
A120	ROOF PLAN - OVERALL
A121	ROOF PLAN - WEST
A122	ROOF PLAN - EAST
A161	DETAILS
A162	DETAILS
A171	ROOF PENETRATION INFO
A172	ROOF PENETRATION INFO
A173	ROOF PENETRATION INFO

OWNER

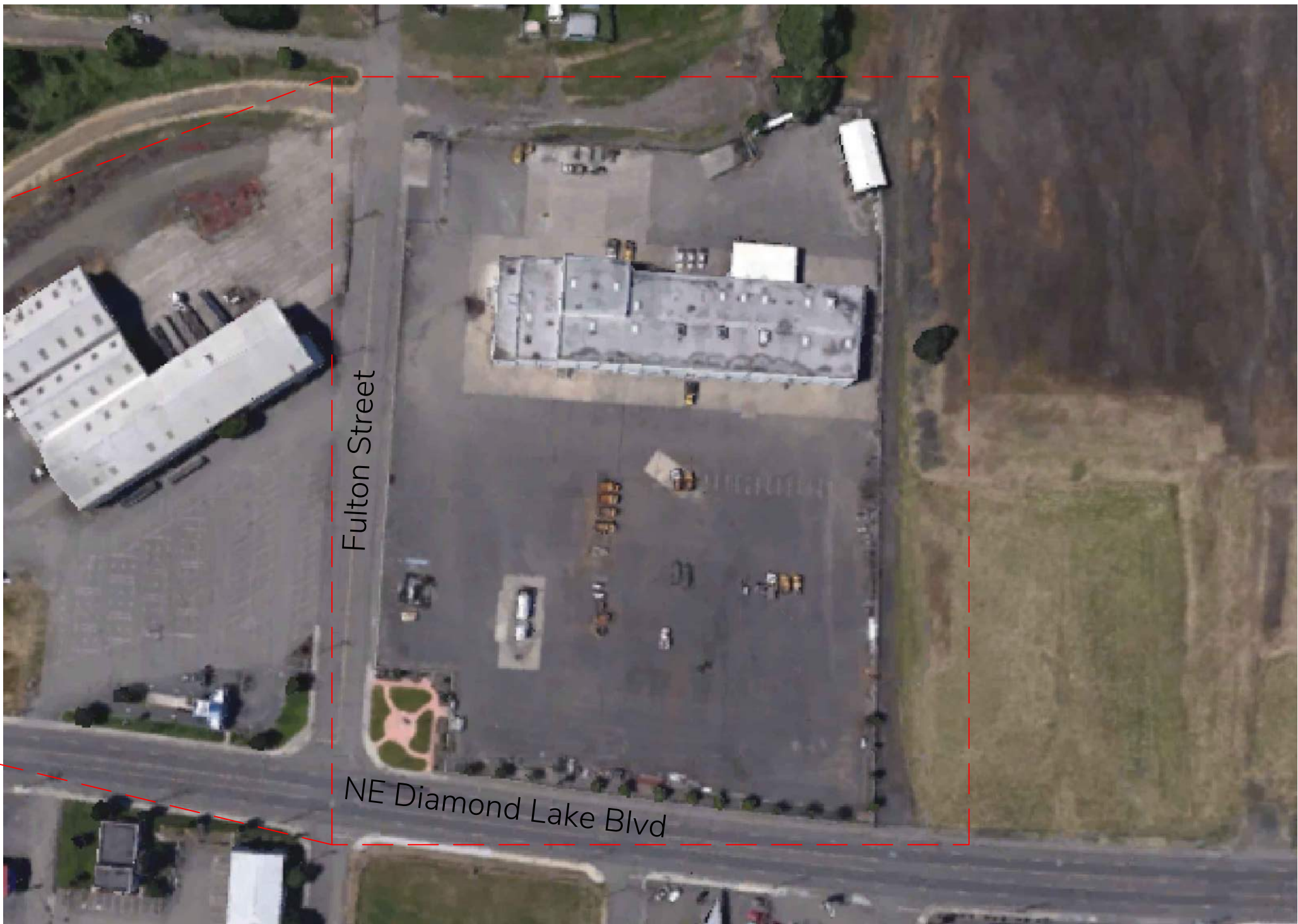
City of Roseburg
900 S.E. Douglas Avenue
Roseburg, OR 97479
Contact: Ryan Herinckx

ARCHITECT

Wilson Architecture
86530 Sanford Rd
Eugene, OR 97402
Contact: Curt Wilson, AIA



VICINITY MAP



SITE AERIAL

Bid and Permit Set
City of Roseburg
Fulton Shop Bldg Reroof

PROJECT: 21101
CHECKED: CW
DATE: 03.14.2022 REVISIONS:

Title Sheet



SCOPE OF WORK - ROOF REPLACEMENT

EXISTING CONDITIONS

- A. EXISTING ROOF AREA SCHEDULED FOR REPLACEMENT IS APPROXIMATELY 30,600 sf.
- B. EXISTING ROOF SYSTEM IS BUILT-UP ROOFING (BUR), HOWEVER THE APPROXIMATE DATE THE EXISTING ROOF WAS INSTALLED IS NOT KNOWN.
- C. IT IS ASSUMED THAT THE OUTER ROOF ASSEMBLY WAS INSTALLED OVER THE PREVIOUS ROOF ASSEMBLY, HOWEVER THAT HAS NOT BEEN DETERMINED.
- D. THE OWNER WILL COORDINATE THE EXISTING ROOF TO BE CORED TO THE ROOF DECK AT MULTIPLE LOCATIONS AND AVAILABLE TO VIEW AT THE PRE-BID MEETING.
- E. SEE SHEETS A121-2 AND A171-3 FOR INFORMATION ABOUT EXISTING ELEMENTS ON THE ROOF. UNLESS NOTED TO BE REMOVED, EXISTING ELEMENTS TO REMAIN AND THE NEW ROOFING SYSTEM TO TERMINATE AT THE TOP OF THE CURBS OR WITH FLASHING BOOTS PER THE MANUFACTURER'S REQUIREMENTS. FIELD VERIFY THE LOCATIONS AND DIMENSIONS OF ALL ELEMENTS. NOTIFY THE ARCHITECT PRIOR TO THE FIVE DAYS BEFORE THE BID OPENING IF BIDDER RECOMMENDS THE CURB OF ANY EXISTING ELEMENT TO BE INCREASED IN HEIGHT.
- F. AN ASBESTOS EVALUATION WAS PREFORMED AND ASBESTOS-CONTAINING MATERIALS WERE FOUND IN ISOLATED AREAS. THE OWNER WILL ABATE THE MATERIAL UNDER A SEPARATE CONTRACT. SEE THE TECHNICAL SPECIFICATIONS FOR MORE INFORMATION.
- G. THE EXISTING ROOF STRUCTURE IS 2x WOOD T&G DECKING OVER WOOD PURLINS AT APPROXIMATELY 7 ft O.C., SPANNING FROM WOOD BEAMS. THE WOOD BEAMS ARE LOCATED AT EACH NORTH-SOUTH GRID LINE.
- H. THE EXISTING PERIMETER WALLS ARE CONCRETE TILT UP WALLS. THE ORIGINAL DRAWINGS INDICATE THE WALLS ARE 6 in. THICK.

DEMOLITION

- I. REMOVE ALL EXISTING ROOFING TO THE EXISTING ROOF DECK.
- J. NOTE THERE ARE THREE LOW-ROOF BUILDING AREAS, TWO ON THE NORTH AND ONE ON THE WEST THAT ARE NOT INCLUDED IN THE SCOPE OF WORK. THE EXISTING ROOFING ON THESE BUILDING AREAS TO REMAIN.
- K. EXISTING COUNTERFLASHING TO BE REMOVED AND REPLACED WITH NEW UNLESS NOTED OTHERWISE.
- L. REMOVE ROOFING IN SEQUENCE OF PLACEMENT OF TEMPORARY ROOFING/VAPOR BARRIER DAILY PER THE TECHNICAL SPECIFICATIONS.
- M. COORDINATE WITH OWNER OR ARCHITECT THE INSPECTION OF ALL EXISTING ROOF DECKING AFTER IT IS EXPOSED AND PRIOR TO COVERING. DAMAGED ROOF DECKING WILL BE REPAIRED AS ADDITIONAL WORK.

ROOF REPLACEMENT

- N. PREP EXISTING SURFACES FOR ATTACHMENT OF ROOFING SYSTEM PER MANUFACTURER'S REQUIREMENTS.
- O. PROVIDE WOOD FRAMED ROOF CRICKETS PER THE DRAWINGS TO IMPROVE ROOF DRAINAGE AT THE ROOF PERIMETER.
- P. PROVIDE NEW ROOF DRAINS IN FRAMED SUMPS NEAR EXISTING SCUPPERS TO IMPROVE ROOF DRAINAGE PER THE DRAWINGS.
- Q. ROUTE NEW DRAIN PIPING HORIZONTALLY TIGHT TO UNDERSIDE OF ROOF STRUCTURE WITH ADEQUATE DRAINAGE TO PERIMETER WALL, THEN DOWN INSIDE FACE OF WALL TO NEW CORED OPENING IN WALL 28'-40in. ABOVE FINISH FLOOR LEVEL, THEN CONNECT TO EXISTING DOWN SPOUT MIN. 6 in ABOVE EXISTING DOWNSPOUT CLEANOUT ASSEMBLY.
- R. INSTALL ROOF ASSEMBLY, INCLUDING FLASHINGS AND TERMINATIONS PER MANUFACTURER'S REQUIREMENTS.

Bid and Permit Set

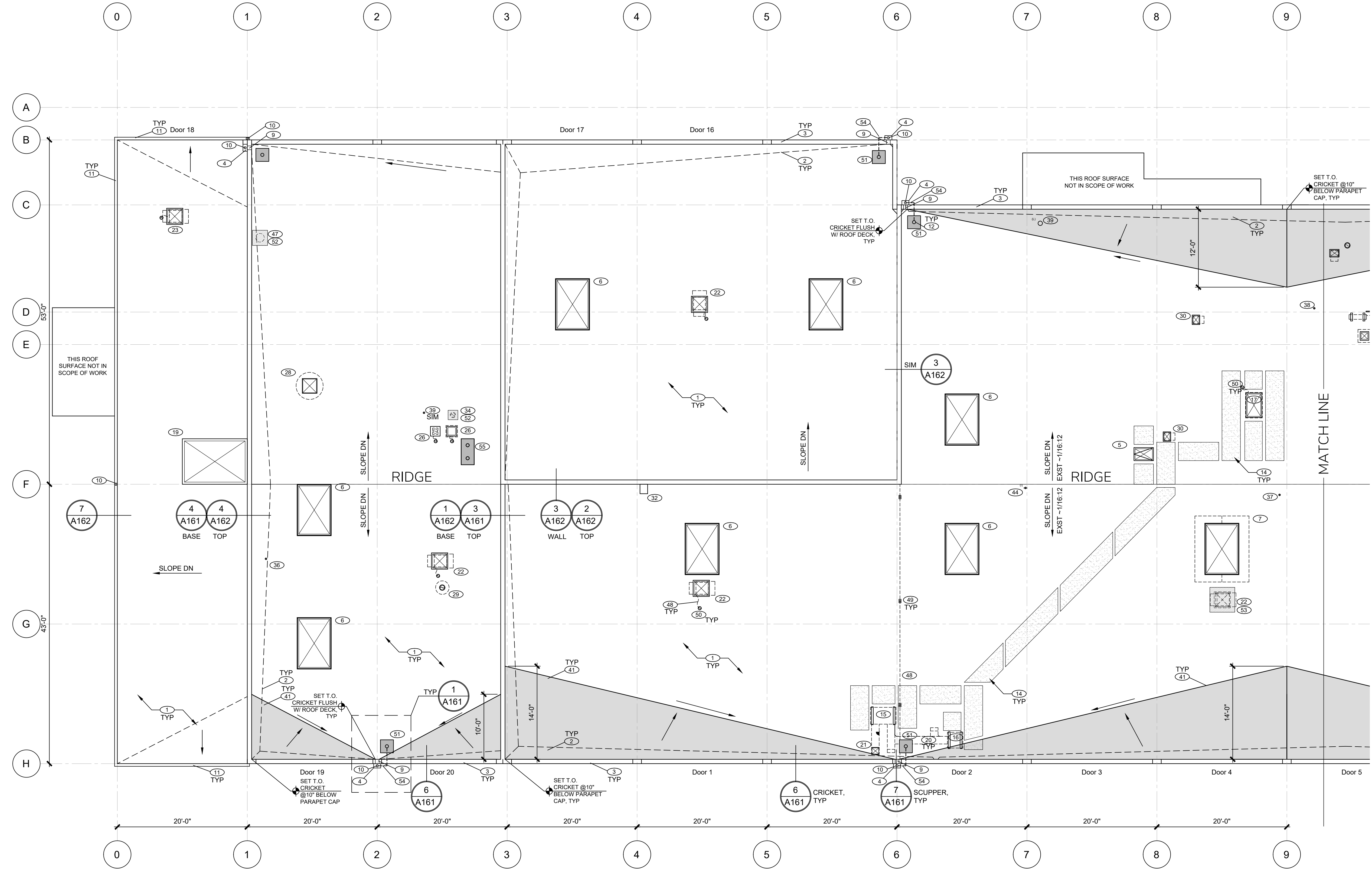
City of Roseburg

Fulton Shop Bldg Reroof



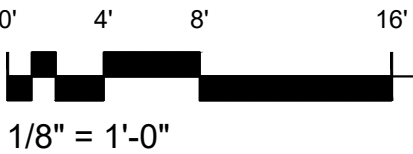
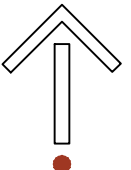
KEYNOTES - ROOF PLAN EAST & WEST

1. ROOF MEMBRANE. REMOVE EXST ROOFING SYSTEM TO EXST ROOF DECKING AND REPLACE WITH NEW SINGLE PLY ROOFING SYSTEM AS SPECIFIED.
2. CRICKET - EXST
3. PARAPET OR WALL - EXST
4. SCUPPER LEADERHEAD - EXST
5. ROOF ACCESS HATCH - EXST. SEE 1/A171.
6. SKYLIGHT - EXST. SEE 2/A171.
7. SKYLIGHT OVER PENTHOUSE - EXST. SEE 3/A171.
8. ROOF CURB WITH SHT MTL CAP - EXST. SEE 4/A171.
9. SCUPPER OPENING THROUGH WALL. SEE 7/A161.
10. DOWNSPOUT - EXST
11. GUTTER - EXST. SEE 7/162.
12. ROOF DRAIN - SEE 5/A161.
13. Not Used.
14. NEW WALKWAY PADS. INSTALL TO NOT PROHIBIT DRAINAGE.
15. HVAC UNIT - TYPE 1 - EXST. SEE 5/A171.
16. HVAC UNIT - TYPE 2 - EXST. SEE 6/A171.
17. HVAC UNIT - TYPE 3 - EXST. SEE 7/A171.
18. HVAC UNIT - TYPE 4 - CONDENSING UNIT - EXST. SEE 8/A171.
19. HVAC UNIT AIR INTAKE - EXST. SEE 9/A171.
20. HVAC DUCT - EXST. SEE 1/A72.
21. HVAC DUCT PENETRATION THROUGH ROOF - EXST. 2/A172.
22. POWERED VENT CAP - TYPE 1A - EXHAUST - EXST. 3/A172.
23. POWERED VENT CAP - TYPE 1B - EXHAUST - EXST. 4/A172.
24. POWERED VENT CAP - TYPE 1C - EXHAUST - EXST. 5/A172.
25. POWERED VENT CAP - TYPE 1D - EXHST (SM) - EXST. 6/A172.
26. POWERED VENT CAP - TYPE 1E - EXHST (SM) - EXST. 7/A172.
27. POWERED VENT CAP - TYPE 1F - EXHAUST - EXST. SEE 8/A172.
28. VENT CAP - TYPE 2A - MUSHROOM (LG) - EXST. SEE 9/A172.
29. VENT CAP - TYPE 2B - MUSHROOM (SM) - EXST. SEE 1/A173.
30. VENT CAP - TYPE 3A - EXST. SEE 2/A173.
31. Not Used.
32. VENT CAP - TYPE 4 - WELDING HOOD - EXST. SEE 4/A173.
33. FLUE - TYPE 1 - EXST. SEE 5/A173.
34. FLUE - TYPE 2 - EXST. SEE 5/A173.
35. FLUE - TYPE 3 - FROM LOWER ROOF - EXST. SEE 5/A173.
36. PLUMBING VENT - TYPE 1 - EXST. SEE 6/A173.
37. PLUMBING VENT - TYPE 2 - (LABELED "ROOF DRAIN" - EXST)
38. PLUMBING VENT - TYPE 3 - EXST. SEE 6/A173.
39. PIPE PENETRATION - TYPE 1 - SM - EXST. SEE 7/A173.
40. PIPE PENETRATION - TYPE 2 - EXST. SEE 7/A173.
41. CRICKET - NEW. SEE 6/A161
42. ROOF PENETRATION - TYPE TO BE DETERMINED - EXST (T)
43. ROOF PENETRATION - TYPE TO BE DETERMINED - EXST (U)
44. HOSE BIB - EXST. SEE 8/A173.
45. HOSE BIB SUPPORTING ANTENNA - EXST. SEE 8/A173.
46. CABLE WEATHERHEAD AND PENETRATION. SEE 9/A173.
47. HOLE IN ROOF - FILL VOID AT ROOF SHEATHING LEVEL. SEE 5/A162, TYP.
48. CONDUIT ROUTED ABOVE ROOF
49. CONDUIT SUPPORT CHAIR
50. CONDUIT PENETRATION. PROVIDE PENETRATION FLASHING.
51. ROOF SUMP ASSEMBLY 1 - SINGLE DRAIN. SEE 1/A161. FIELD VERIFY LOCATIONS WITH ARCHITECT.
52. DEMO EXST ELEMENT. INFILL OPENING IN ROOF DECK. SEE 5/A162.
53. AT EXST PENETRATION IN NEW CRICKET ZONE, RAISE EXST CURB TO PROVIDE MIN 8" VERTICAL EXPOSURE FROM FINISH SURFACE OF ROOF AT CRICKET TO TERMINATION FLASHING.
54. 6" DIA. PIPING FROM NEW ROOF DRAIN. CONNECT TO EXST SCUPPER PIPING.
55. ROOF SUMP ASSEMBLY 2 - DOUBLE DRAIN. SEE 1/A161. FIELD VERIFY LOCATIONS WITH ARCHITECT. ROUTE DRAIN TO EXST DOWNSPOUT.



GENERAL NOTES - ROOF PLAN EAST & WEST

A. ---



1/8" = 1'-0"

Roof Plan
West

1

Bid and Permit Set

City of Roseburg

Fulton Shop Bldg Reroof

PROJECT: 21101

CHECKED: CW

DATE: 03.14.2022 REVISIONS:

Roof Plan - West

A121



KEYNOTES - ROOF PLAN EAST & WEST

1. ROOF MEMBRANE. REMOVE EXST ROOFING SYSTEM TO EXST ROOF DECKING AND REPLACE WITH NEW SINGLE PLY ROOFING SYSTEM AS SPECIFIED.
2. CRICKET - EXST
3. PARAPET OR WALL - EXST
4. SCUPPER LEADERHEAD - EXST
5. ROOF ACCESS HATCH - EXST. SEE 1/A171.
6. SKYLIGHT - EXST. SEE 2/A171.
7. SKYLIGHT OVER PENTHOUSE - EXST. SEE 3/A171.
8. ROOF CURB WITH SHT MTL CAP - EXST. SEE 4/A171.
9. SCUPPER OPENING THROUGH WALL. SEE 7/A161.
10. DOWNSPOUT - EXST
11. GUTTER - EXST. SEE 7/162.
12. ROOF DRAIN - SEE 5/A161.
13. Not Used.
14. NEW WALKWAY PADS. INSTALL TO NOT PROHIBIT DRAINAGE.
15. HVAC UNIT - TYPE 1 - EXST. SEE 5/A171.
16. HVAC UNIT - TYPE 2 - EXST. SEE 6/A171.
17. HVAC UNIT - TYPE 3 - EXST. SEE 7/A171.
18. HVAC UNIT - TYPE 4 - CONDENSING UNIT - EXST. SEE 8/A171.
19. HVAC UNIT AIR INTAKE - EXST. SEE 9/A171.
20. HVAC DUCT - EXST. SEE 1/A72.
21. HVAC DUCT PENETRATION THROUGH ROOF - EXST. 2/A172.
22. POWERED VENT CAP - TYPE 1A - EXHAUST - EXST. 3/A172
23. POWERED VENT CAP - TYPE 1B - EXHAUST - EXST. 4/A172.
24. POWERED VENT CAP - TYPE 1C - EXHAUST - EXST. 5/A172.
25. POWERED VENT CAP - TYPE 1D - EXHST (SM) - EXST. 6/A172.
26. POWERED VENT CAP - TYPE 1E - EXHST (SM) - EXST. 7/A172.
27. POWERED VENT CAP - TYPE 1F - EXHAUST - EXST. SEE 8/A172.
28. VENT CAP - TYPE 2A - MUSHROOM (LG) - EXST. SEE 9/A172.
29. VENT CAP - TYPE 2B - MUSHROOM (SM) - EXST. SEE 1/A173.
30. VENT CAP - TYPE 3A - EXST. SEE 2/A173.
31. Not Used.
32. VENT CAP - TYPE 4 - WELDING HOOD - EXST. SEE 4/A173.
33. FLUE - TYPE 1 - EXST. SEE 5/A173.
34. FLUE - TYPE 2 - EXST. SEE 5/A173.
35. FLUE - TYPE 3 - FROM LOWER ROOF - EXST. SEE 5/A173.
36. PLUMBING VENT - TYPE 1 - EXST. SEE 6/A173.
37. PLUMBING VENT - TYPE 2 - (LABELED "ROOF DRAIN") - EXST
38. PLUMBING VENT - TYPE 3 - EXST. SEE 6/A173.
39. PIPE PENETRATION - TYPE 1 - SM - EXST. SEE 7/A173.
40. PIPE PENETRATION - TYPE 2 - EXST. SEE 7/A173.
41. CRICKET - NEW. SEE 6/A161
42. ROOF PENETRATION - TYPE TO BE DETERMINED - EXST (T)
43. ROOF PENETRATION - TYPE TO BE DETERMINED - EXST (U)
44. HOSE BIB - EXST. SEE 8/A173.
45. HOSE BIB SUPPORTING ANTENNA - EXST. SEE 8/A173.
46. CABLE WEATHERHEAD AND PENETRATION. SEE 9/A173.
47. HOLE IN ROOF - FILL VOID AT ROOF SHEATHING LEVEL. SEE 5/A162, TYP.
48. CONDUIT ROUTED ABOVE ROOF
49. CONDUIT SUPPORT CHAIR
50. CONDUIT PENETRATION. PROVIDE PENETRATION FLASHING.
51. ROOF SUMP ASSEMBLY 1 - SINGLE DRAIN. SEE 1/A161. FIELD VERIFY LOCATIONS WITH ARCHITECT.
52. DEMO EXST ELEMENT. INFILL OPENING IN ROOF DECK. SEE 5/A162.
53. AT EXST PENETRATION IN NEW CRICKET ZONE, RAISE EXST CURB TO PROVIDE MIN 8" VERTICAL EXPOSURE FROM FINISH SURFACE OF ROOF AT CRICKET TO TERMINATION FLASHING.
54. 6" DIA. PIPING FROM NEW ROOF DRAIN. CONNECT TO EXST SCUPPER PIPING.
55. ROOF SUMP ASSEMBLY 2 - DOUBLE DRAIN. SEE 1/A161. FIELD VERIFY LOCATIONS WITH ARCHITECT. ROUTE DRAIN TO EXST DOWNSPOUT.

Bid and Permit Set

City of Roseburg

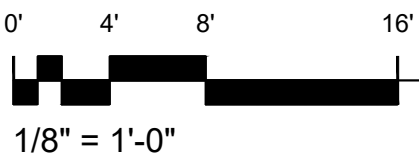
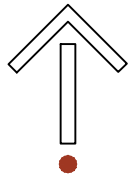
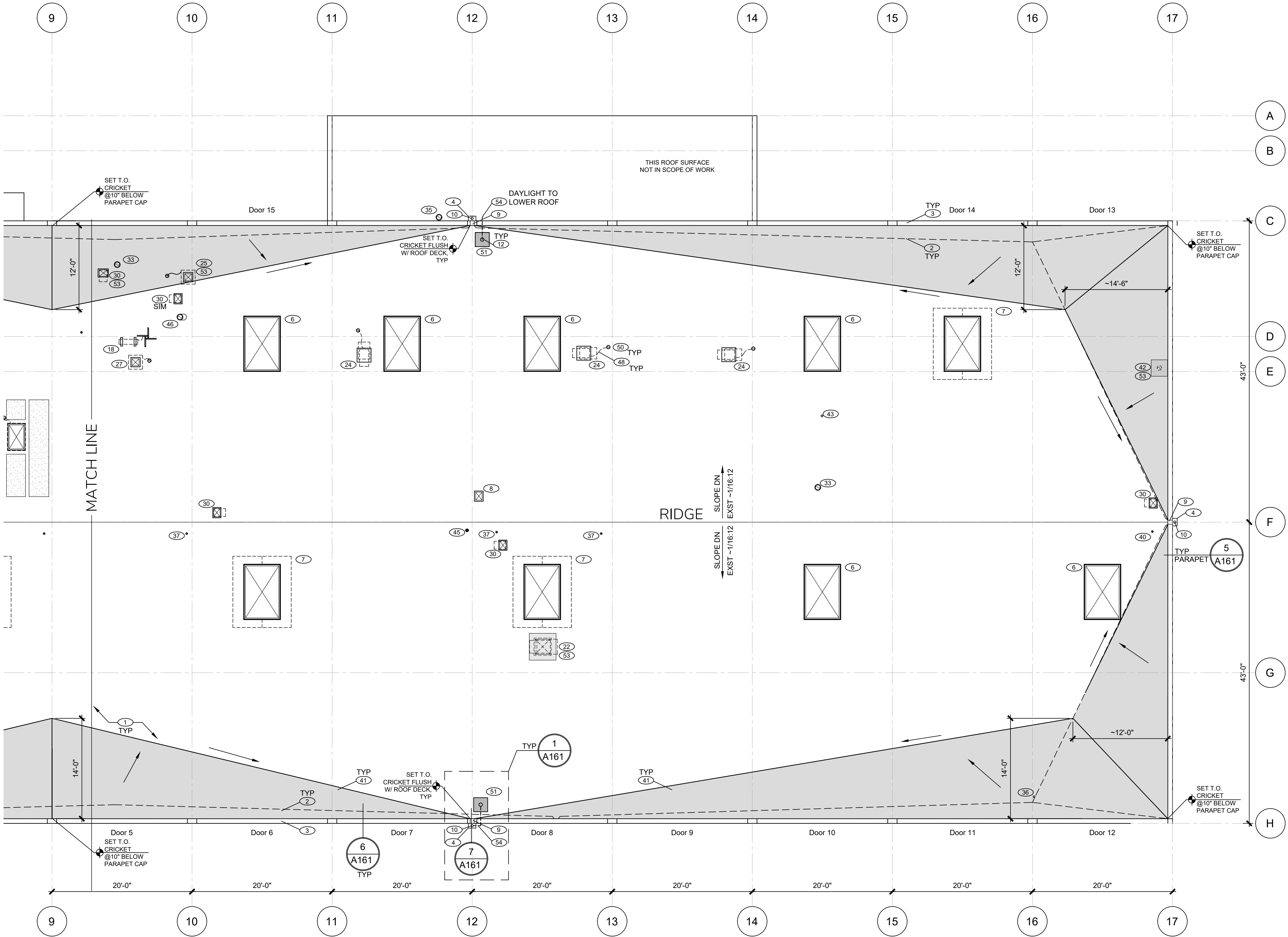
Fulton Shop Bldg Reroof

Roof Plan - East

PROJECT: 21101

CHECKED: CW

DATE: 03.14.2022 REVISIONS:

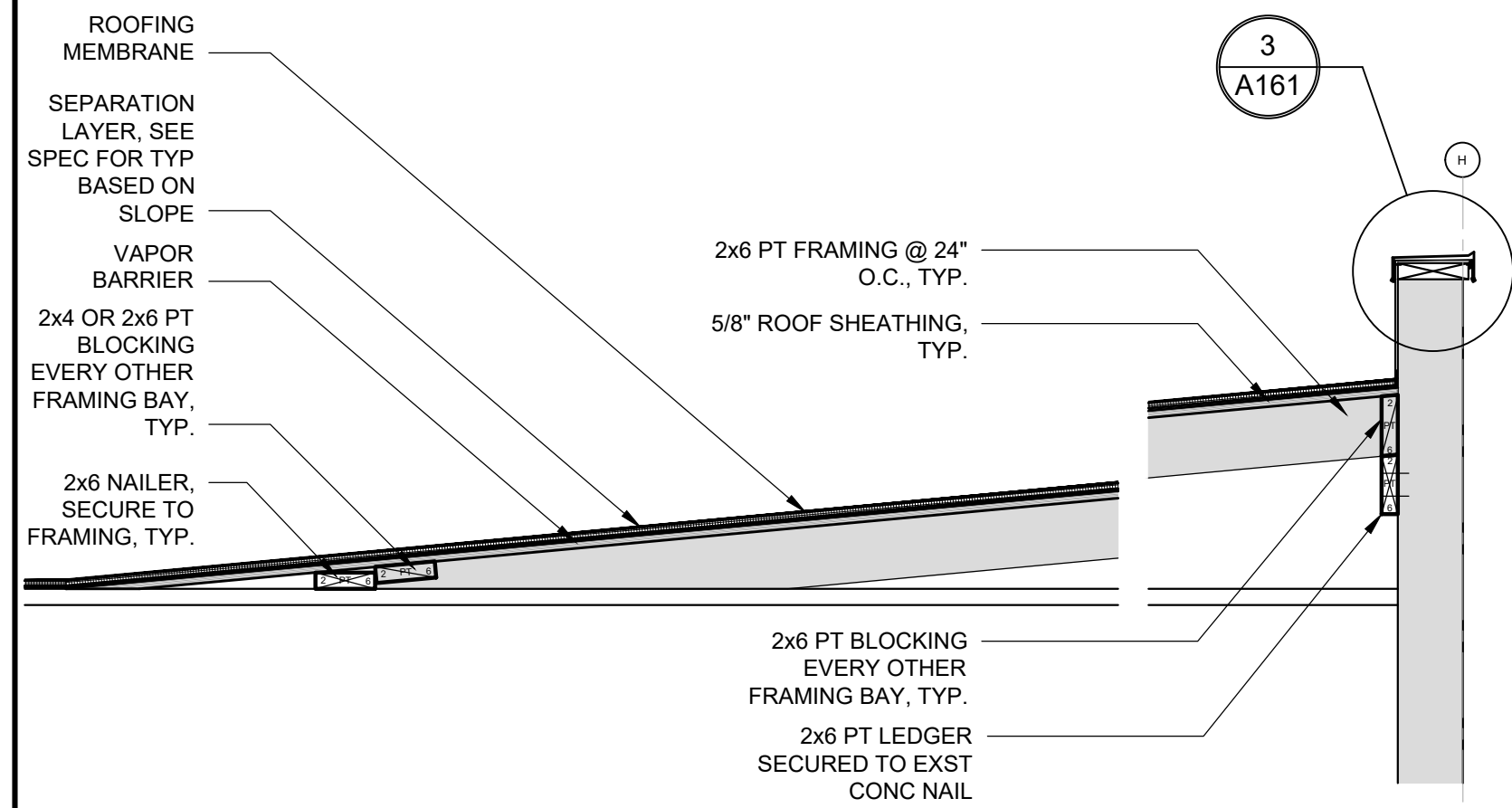


1/8" = 1'-0"

Roof Plan
East

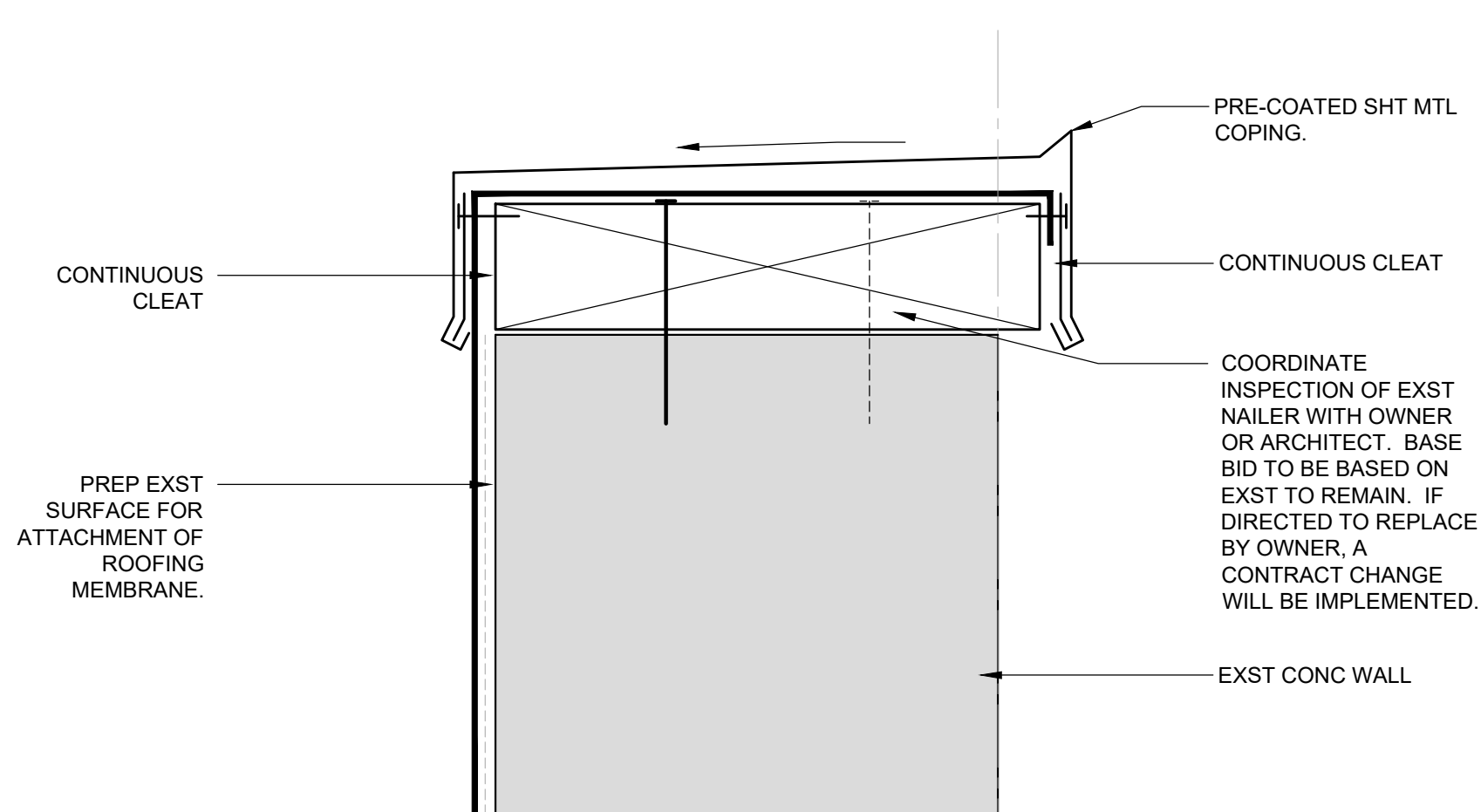
1

A122



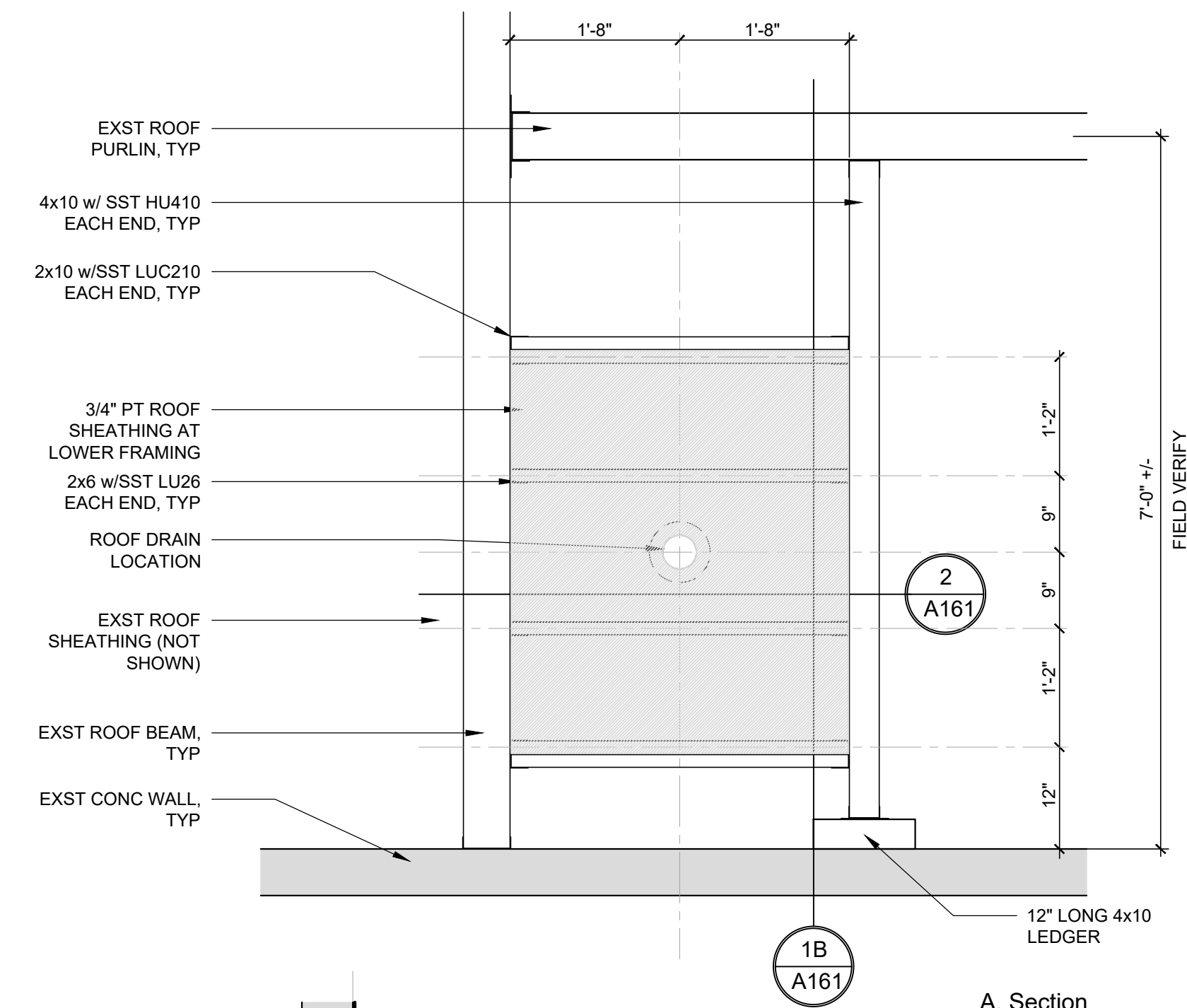
Cricket 6
Section

3/4" = 1'-0"

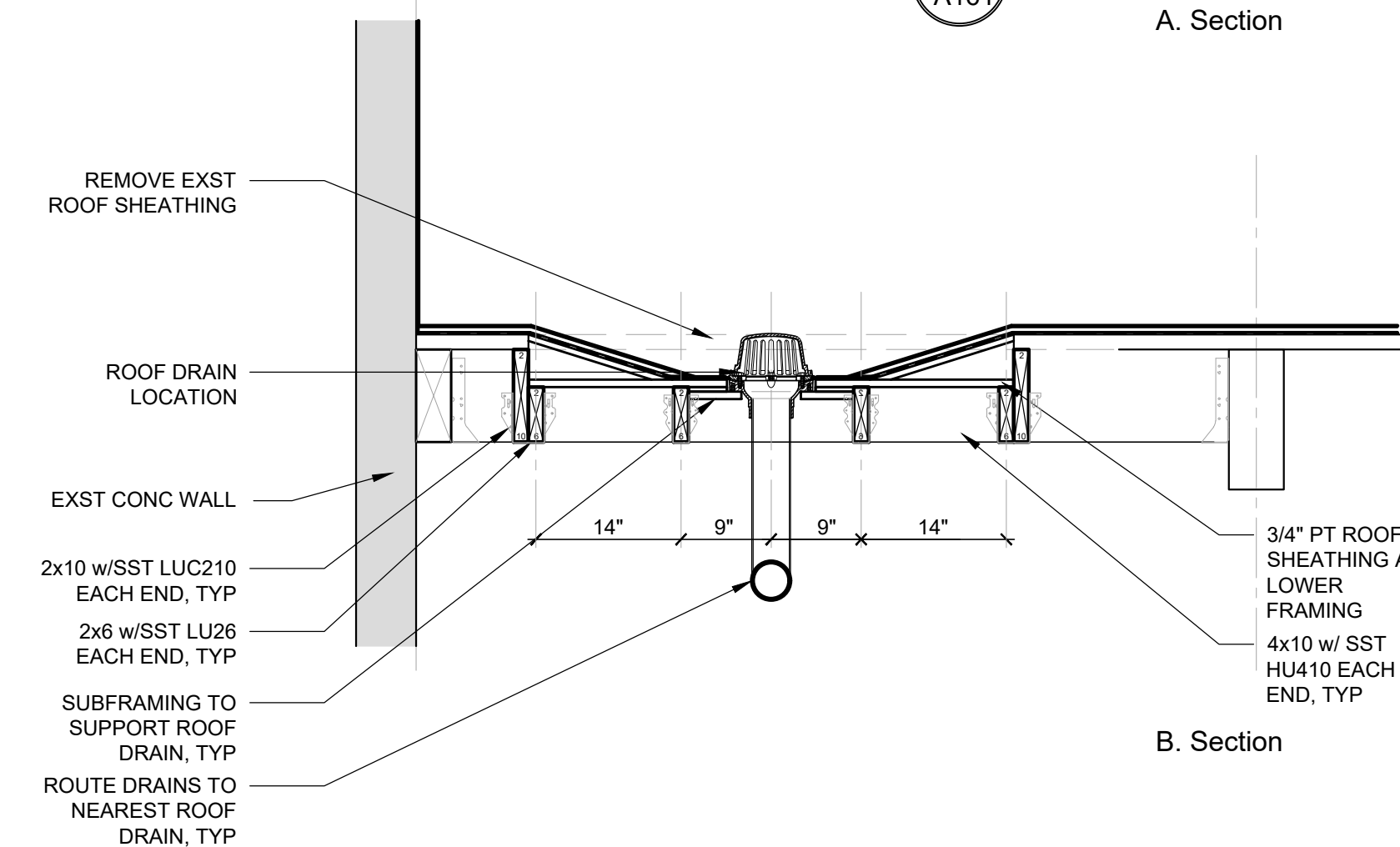


Coping at Parapet Wall 3
Section

6" = 1'-0"



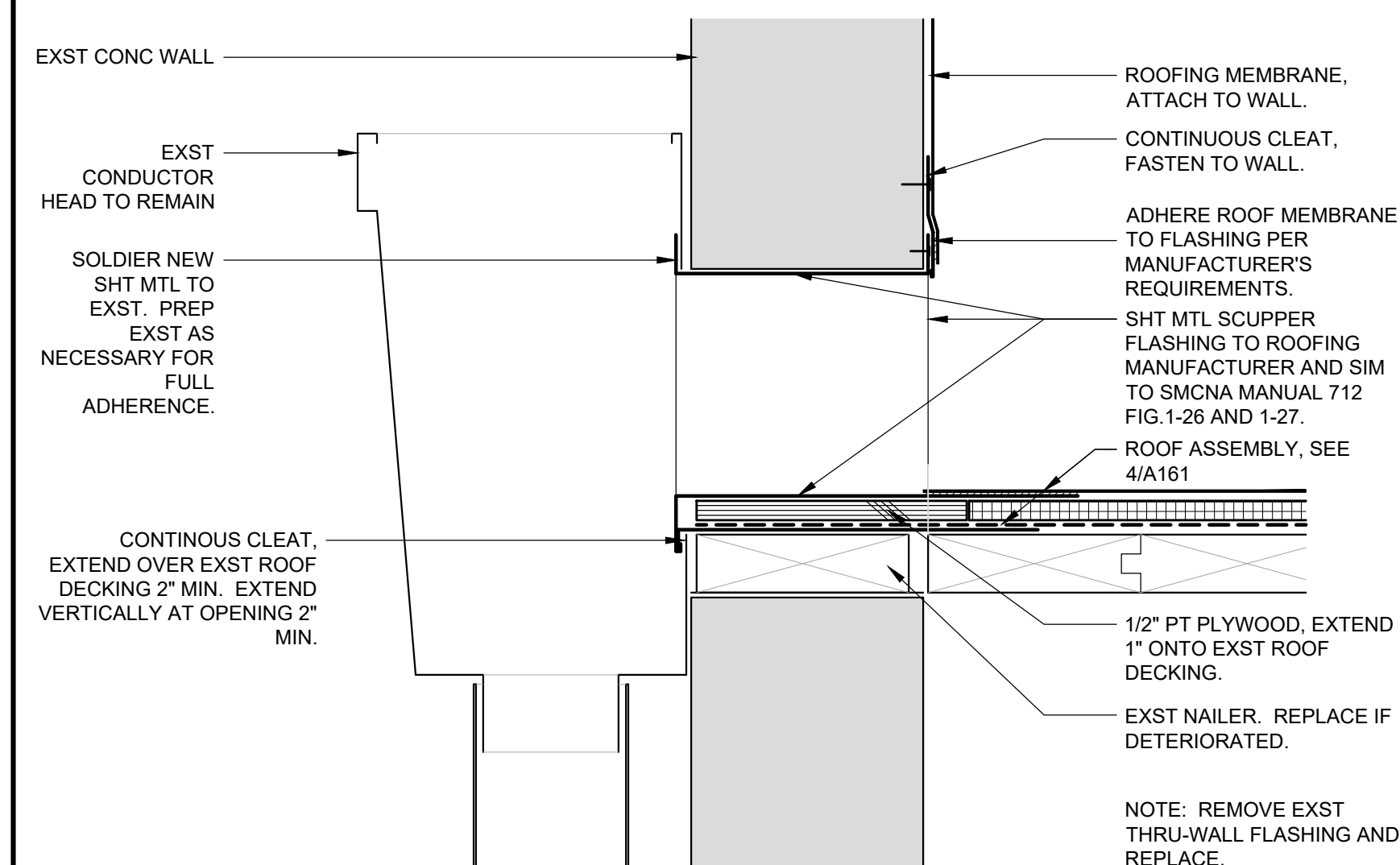
A. Section



B. Section

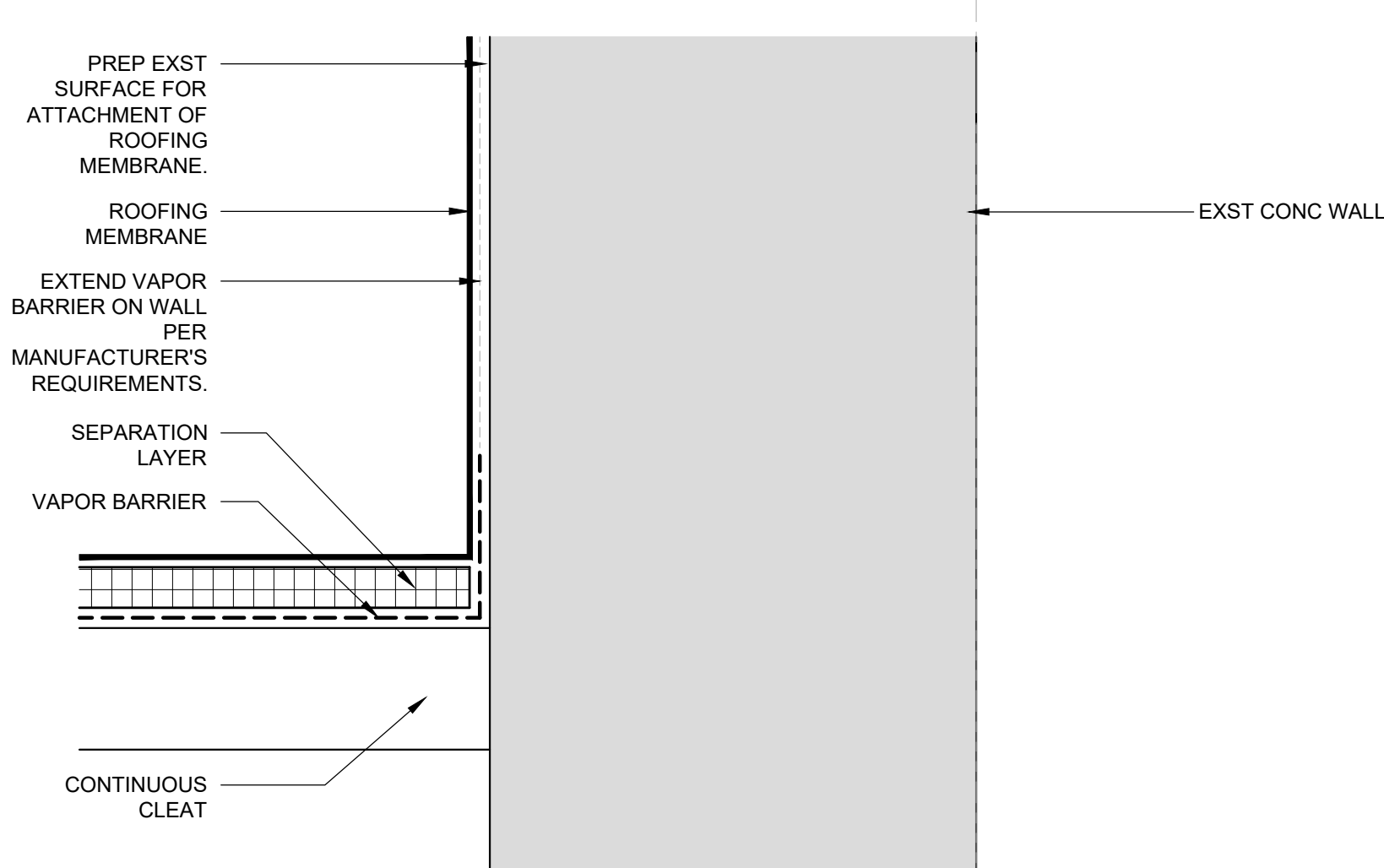
Roof Drain Sump Assembly 1
Roof Drain

3/4" = 1'-0"



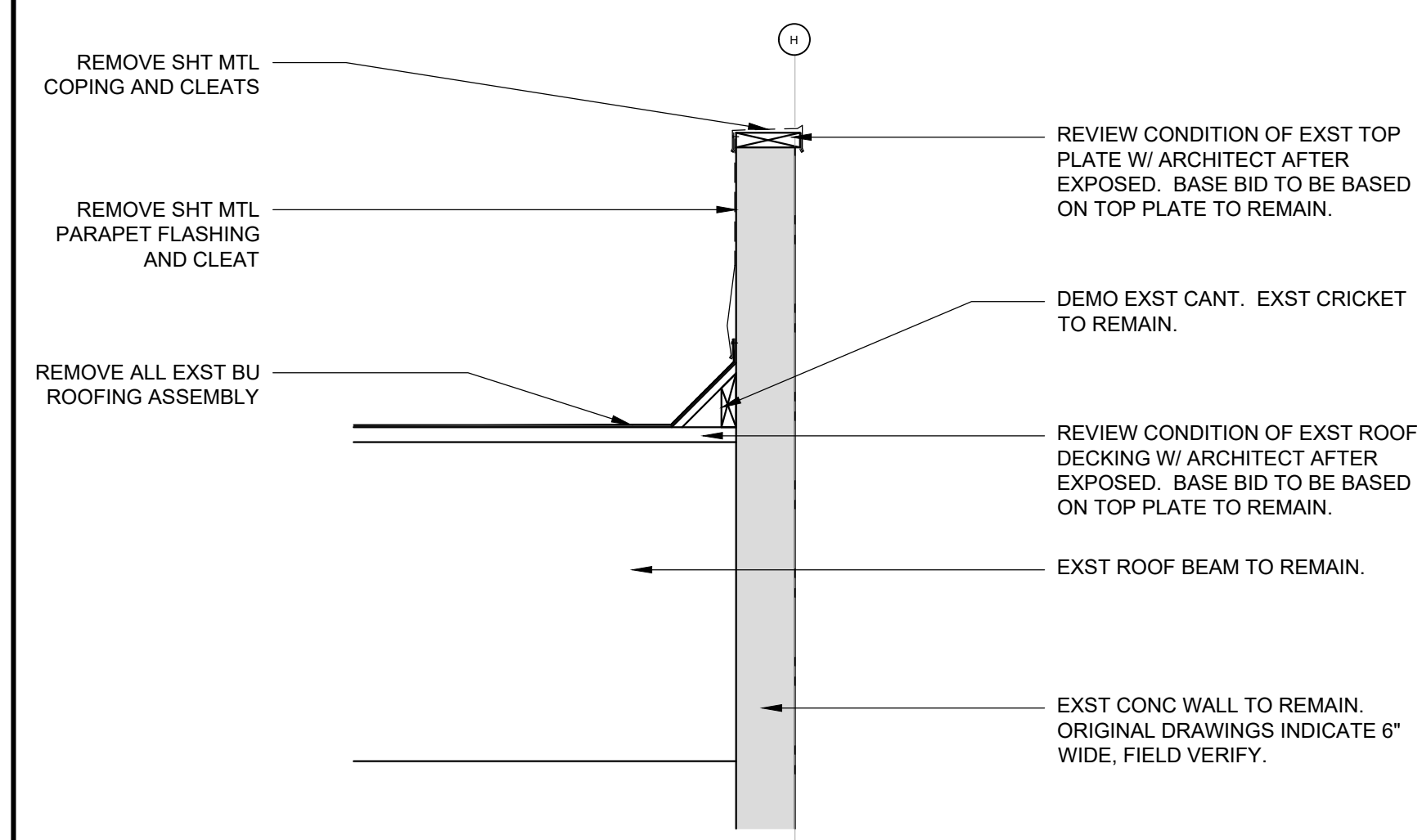
Scupper 7
Section

3" = 1'-0"

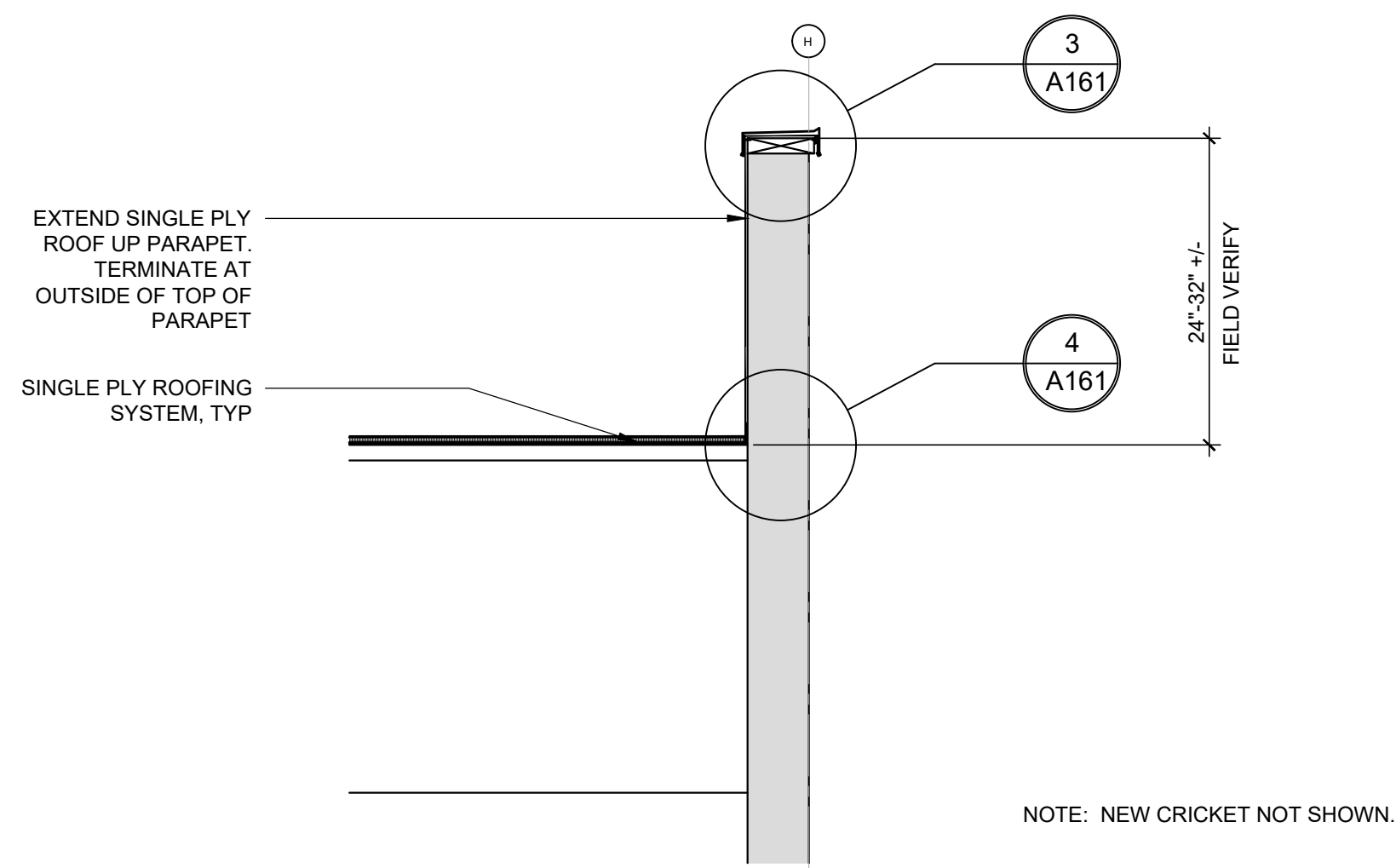


Roof to Wall Transition 4
Typical - Section

6" = 1'-0"



A. Demo

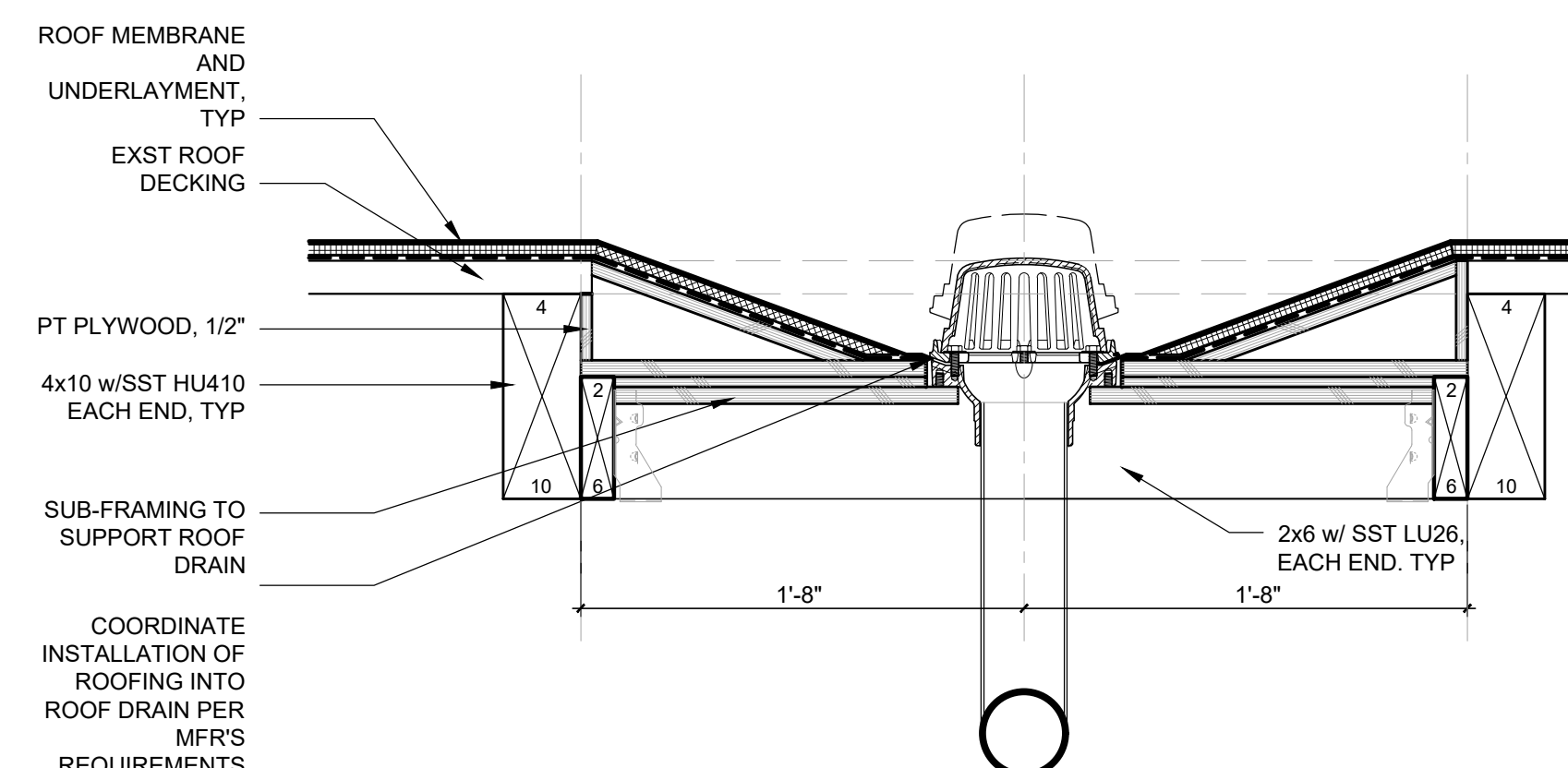


B. Improvements

NOTE: NEW CRICKET NOT SHOWN.

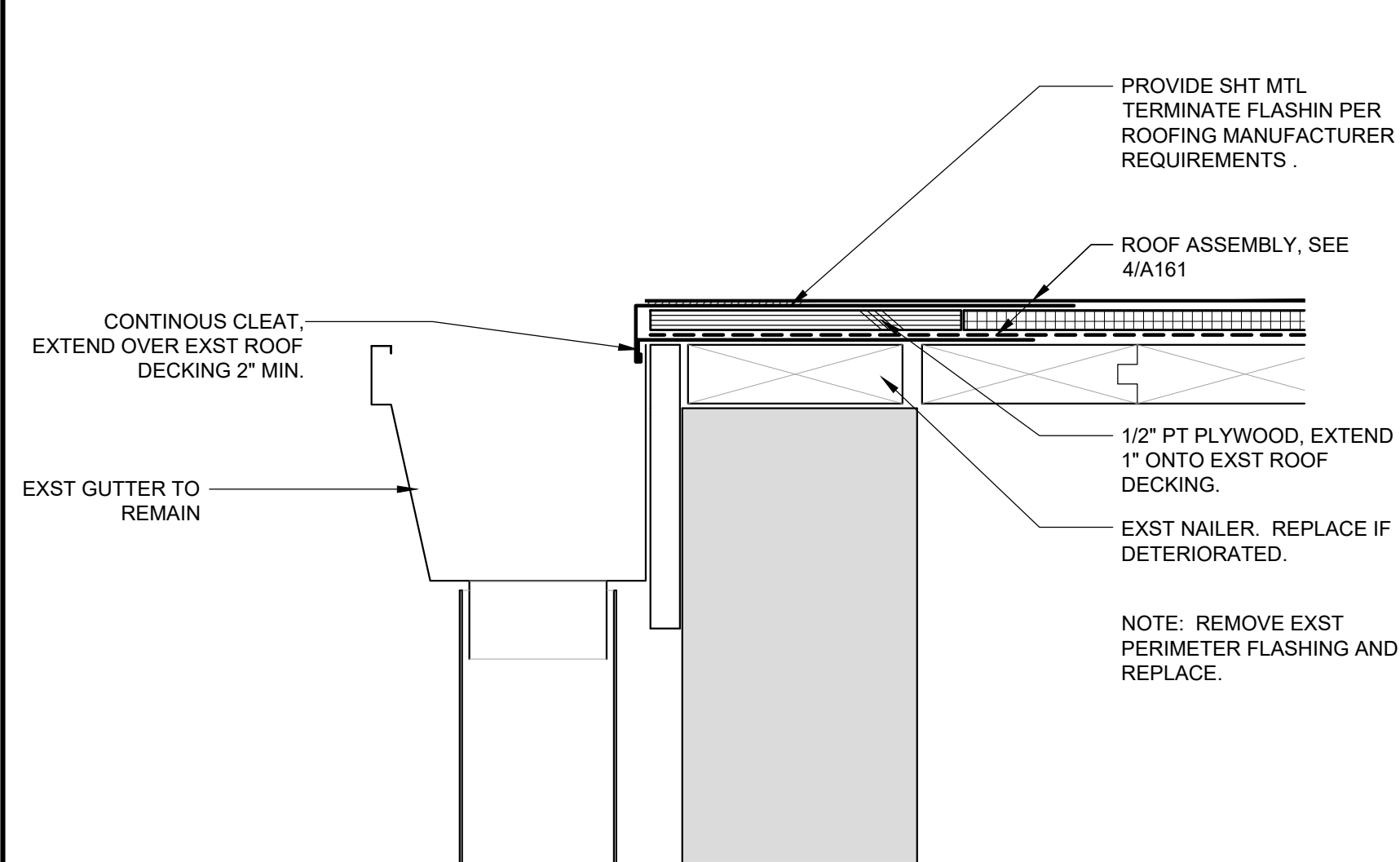
Parapet 5
Subtitle

3/4" = 1'-0"



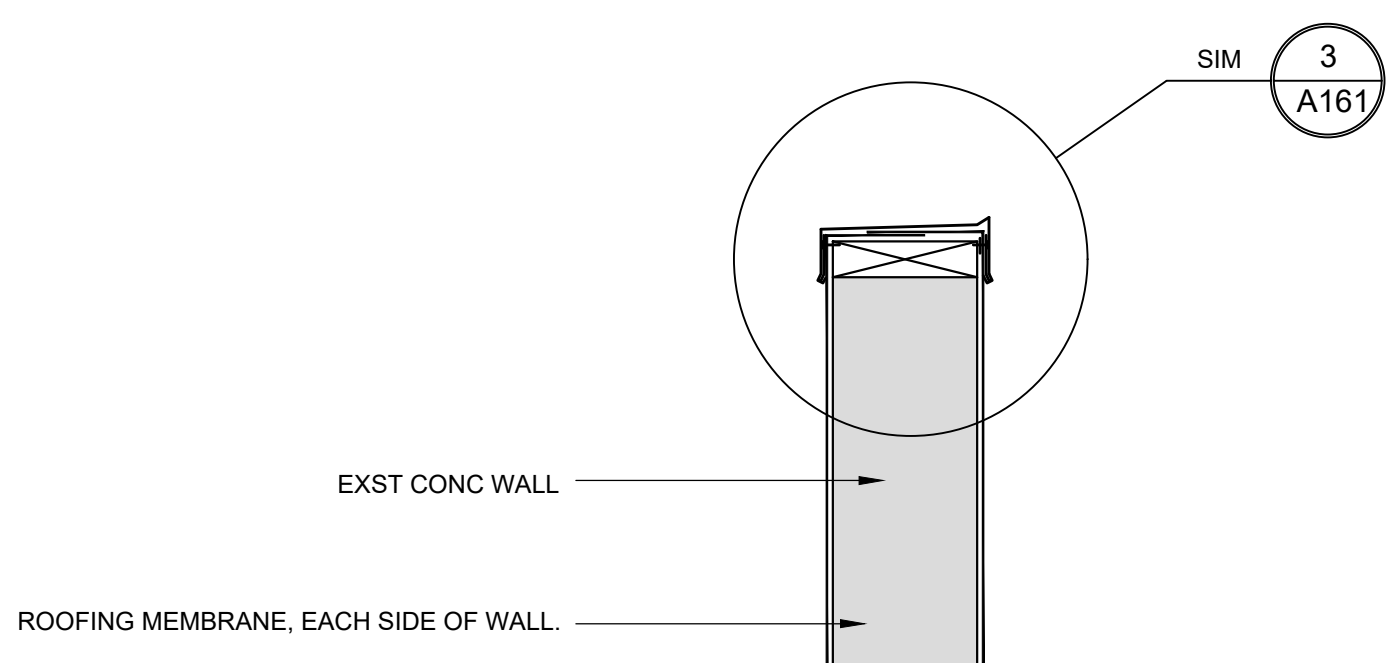
Roof Drain and Sump 2
SECTION

1 1/2" = 1'-0"



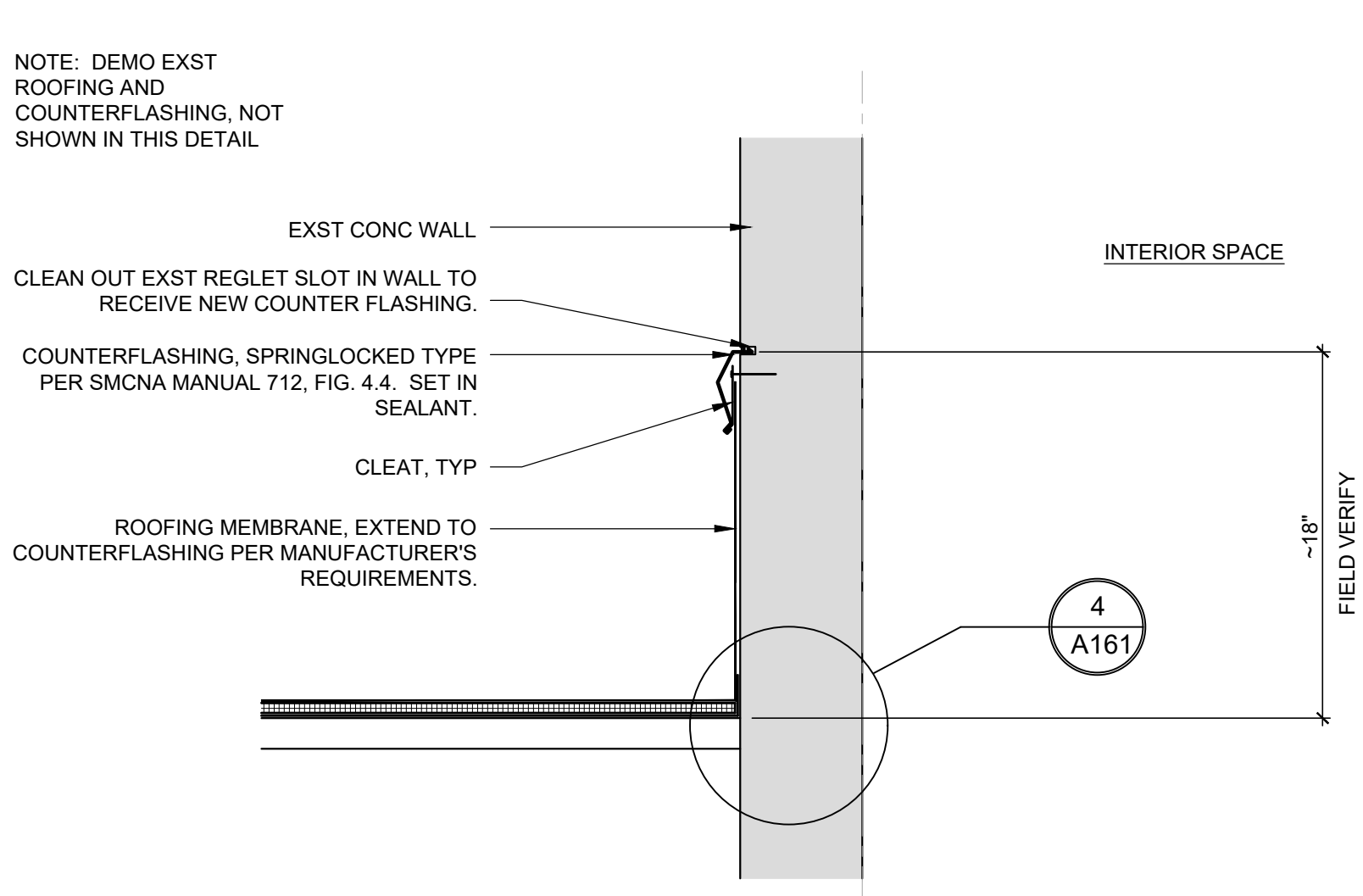
Membrane Termination at Exst Gutter

3" = 1'-0" Section - GL 0 Typ



Parapet Wall - Membrane Both Sides

1 1/2" = 1'-0" SECTION - GL 1 TYP

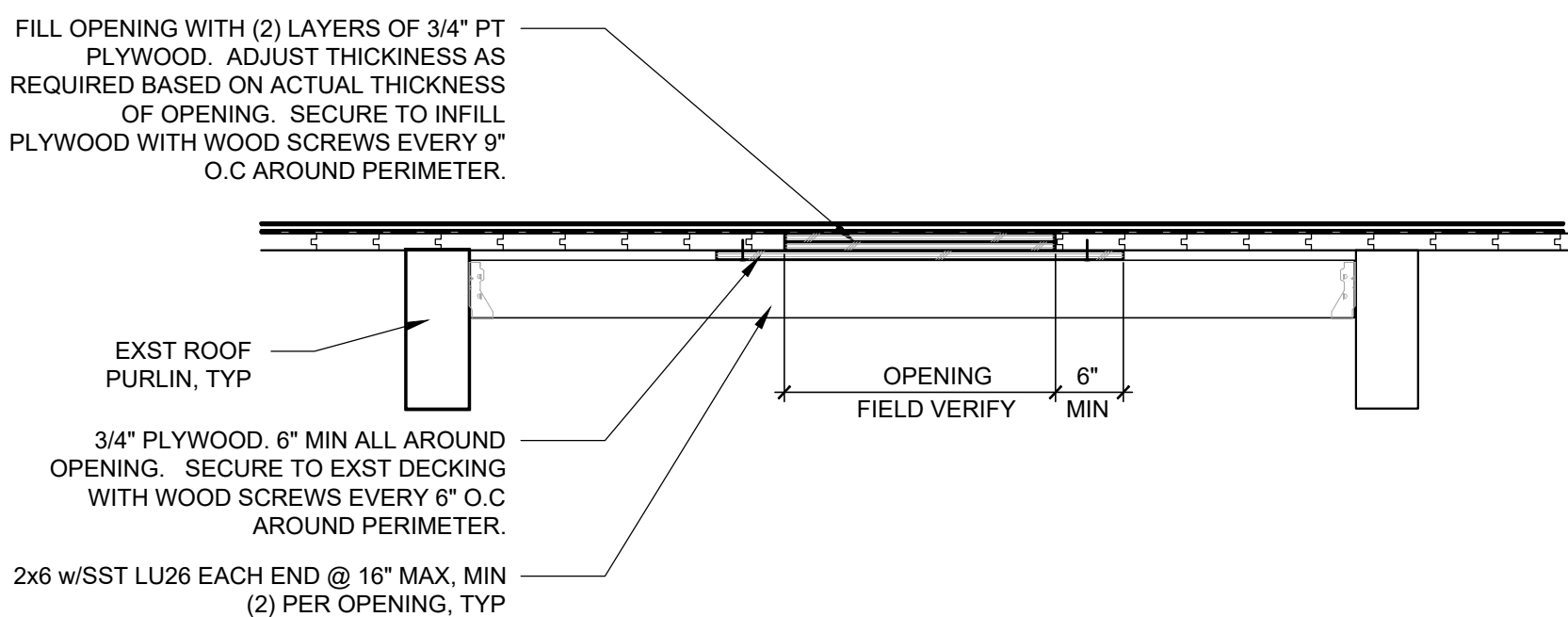
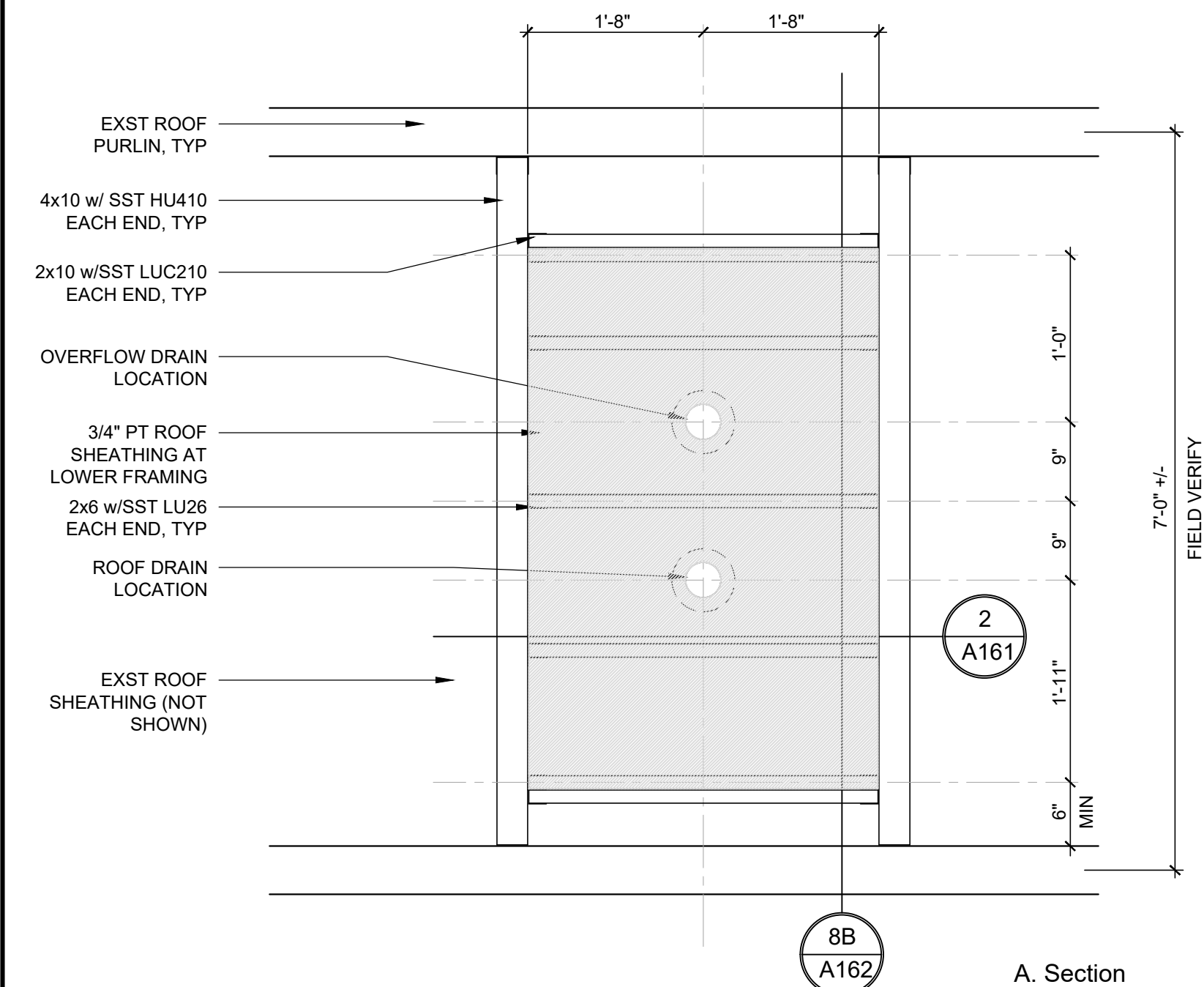


Membrane Termination at Cut-In Reglet

1 1/2" = 1'-0" SECTION - GL 3 TYP

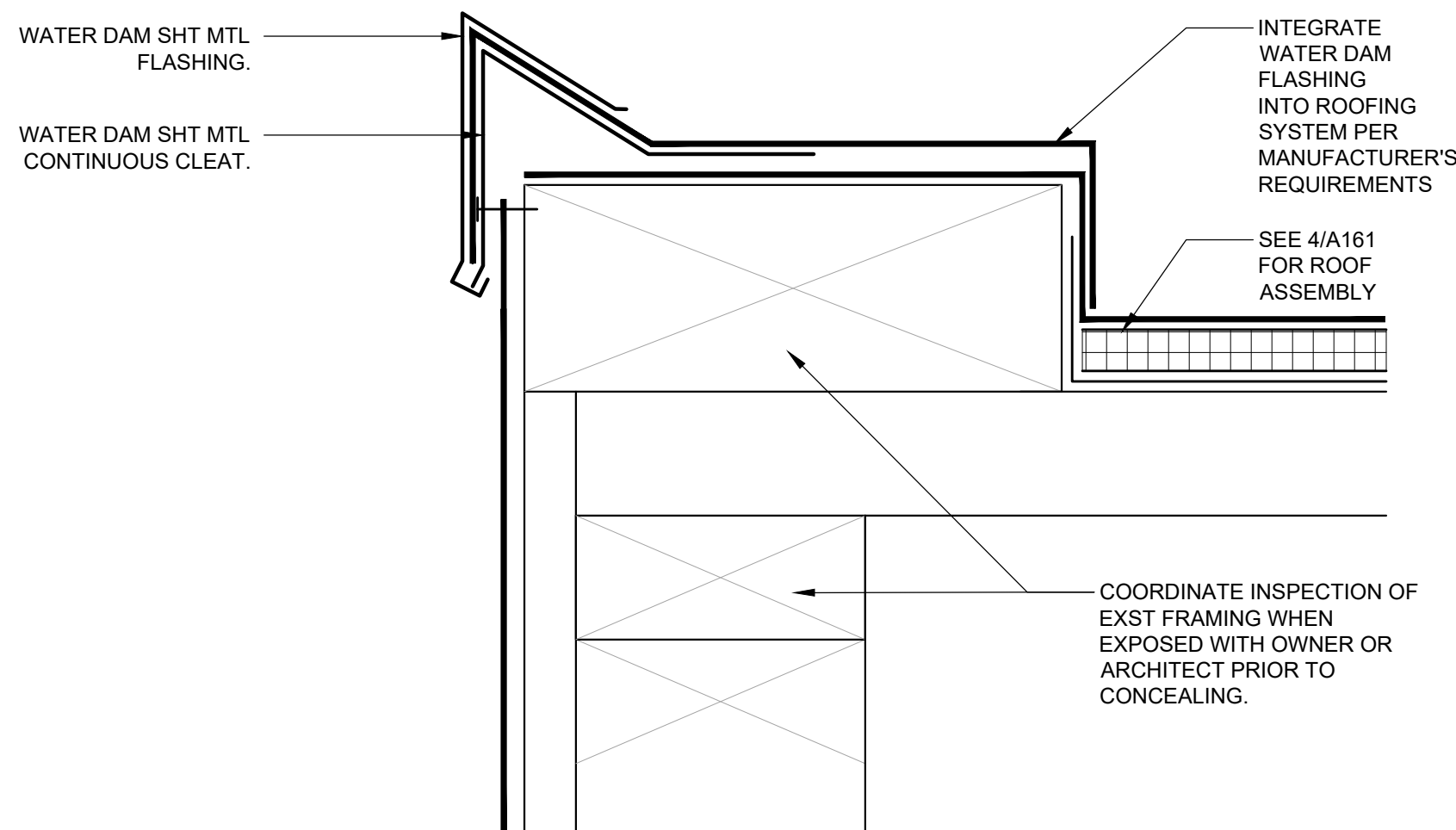
WILSON
ARCHITECTURE

wilson-architecture.com | 541-912-0878



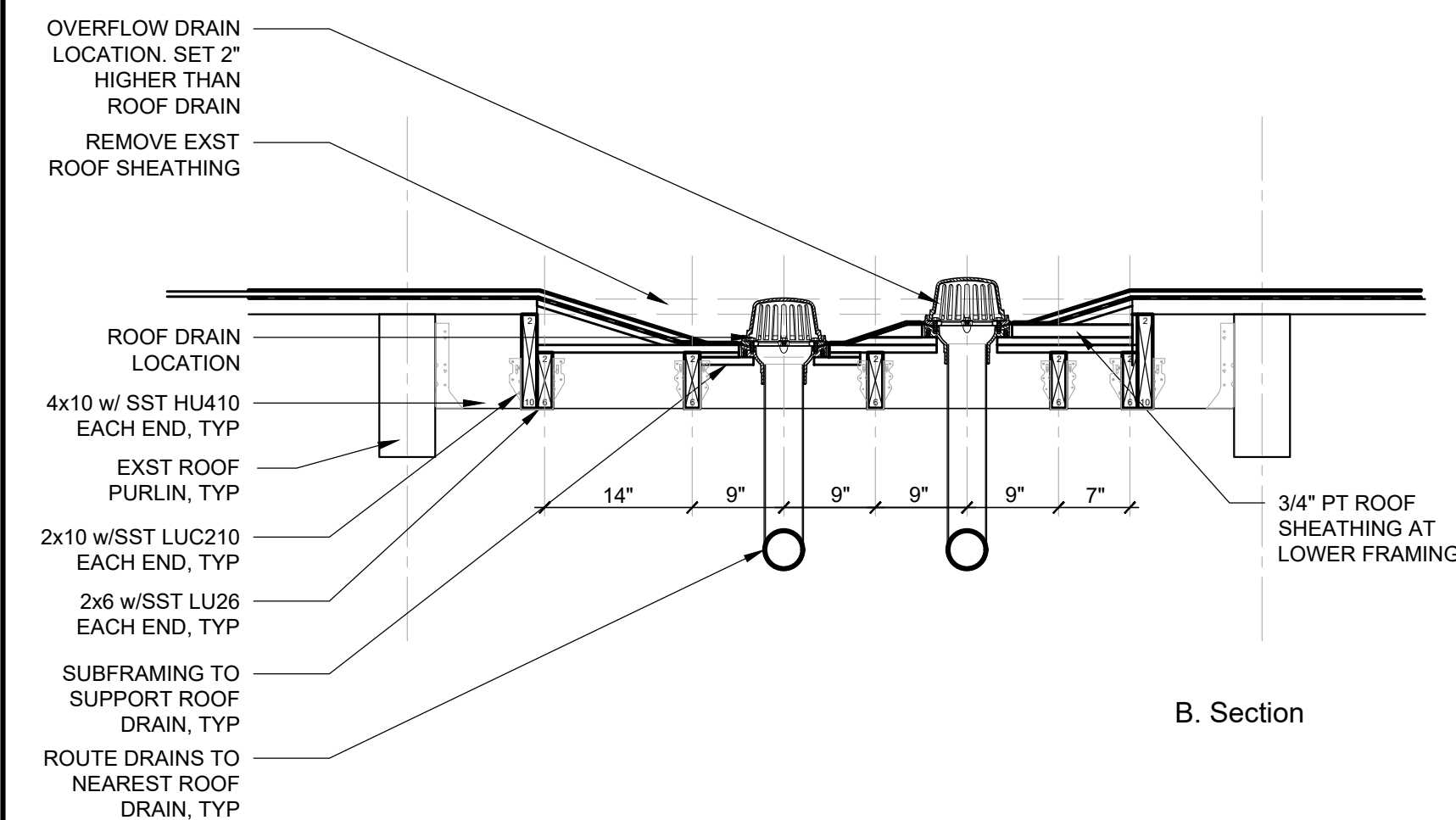
Roof Deck Infill at Demo'ed Equipment

3/4" = 1'-0" Section



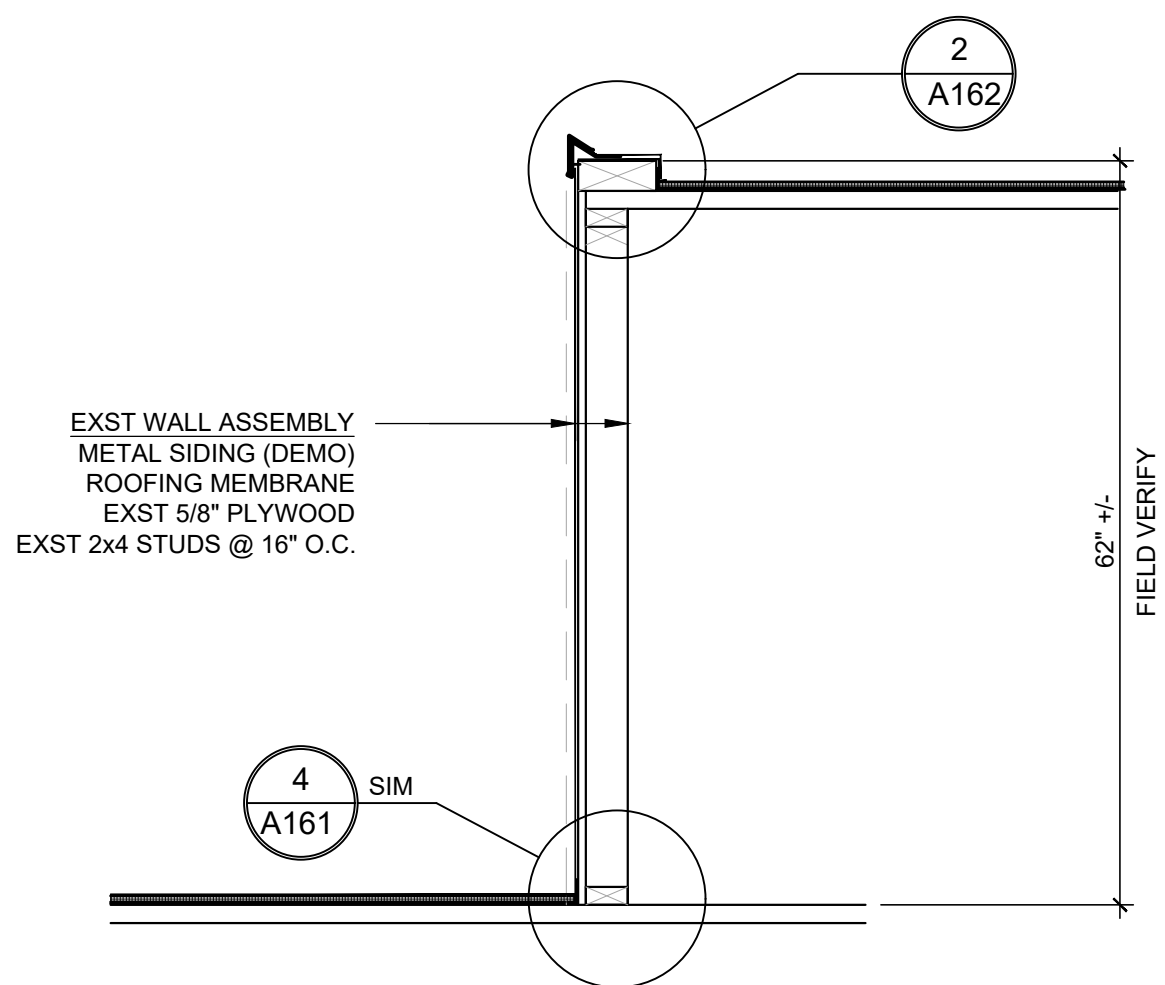
Roof to Wall Transition

6" = 1'-0" Section - GL'S F and 6



Roof Drain Sump Assembly

3/4" = 1'-0" Roof Drain and Overflow Drain



Upper Wall - Demo Mtl Siding

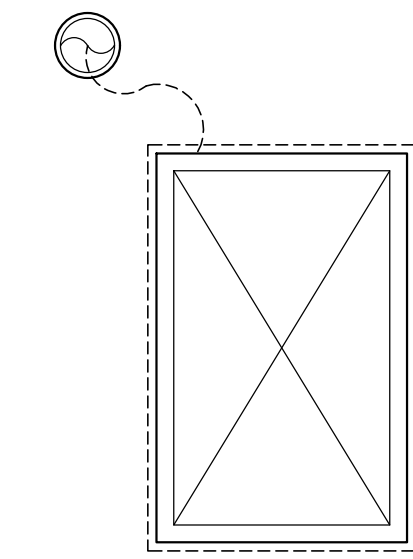
3/4" = 1'-0" Section - GL's F and 6

Bid and Permit Set
City of Roseburg
Fulton Shop Bldg Reroof

PROJECT: 21101
CHECKED: CW
DATE: 03.14.2022 REVISIONS:

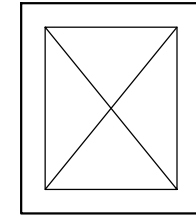
Details

A162



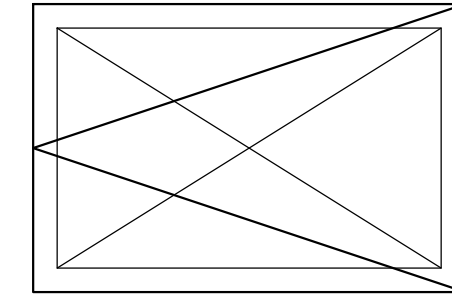
17. HVAC Unit
Type 3 - Exst

9



8. Roof Curb
Sht Mtl Cap - Exst

4



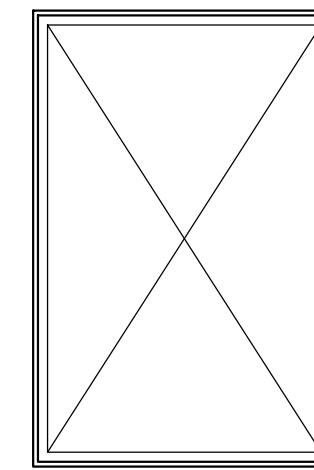
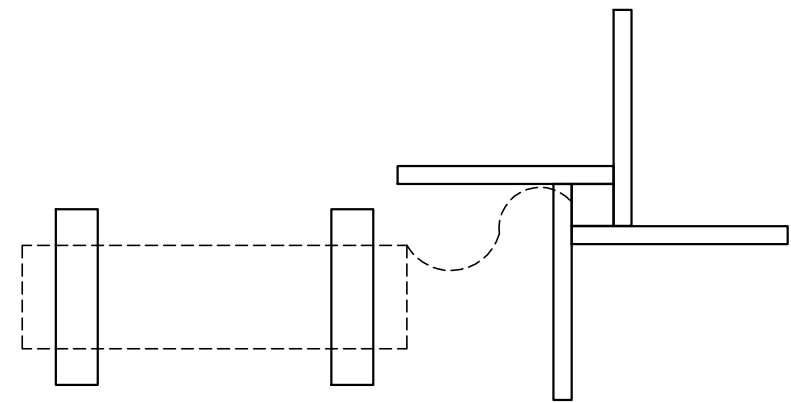
5. Roof Access Hatch

1

NTS

NTS

NTS



18. HVAC Unit
Type 4 - Condensing Unit - Exst

8

NTS



15. HVAC Unit
Type 1 - Exst

5

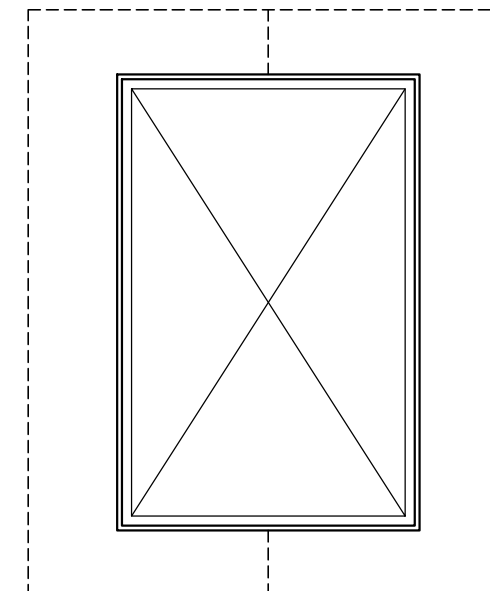
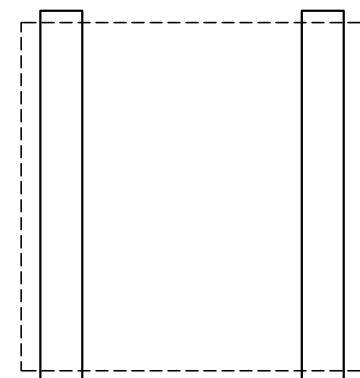
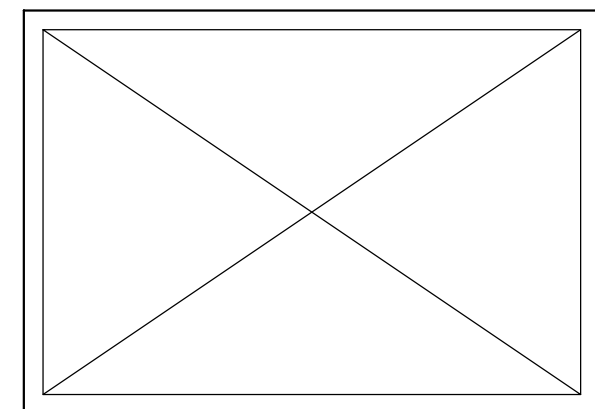
NTS



6. Skylight

2

NTS



19. HVAC Unit
Air Intake - Exst

9

NTS



16. HVAC Unit
Type 2 - Exst

6

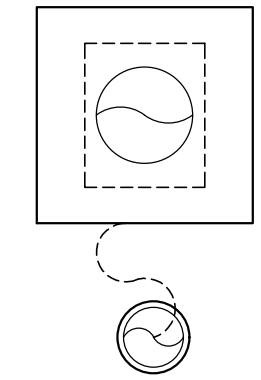
NTS



7. Skylight Over Penthouse

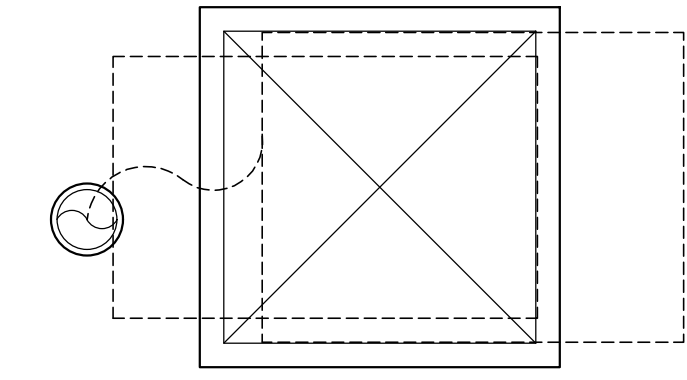
3

NTS



26. Powered Vent Cap
Type 1E - Exhaust (Small) - Exst

9



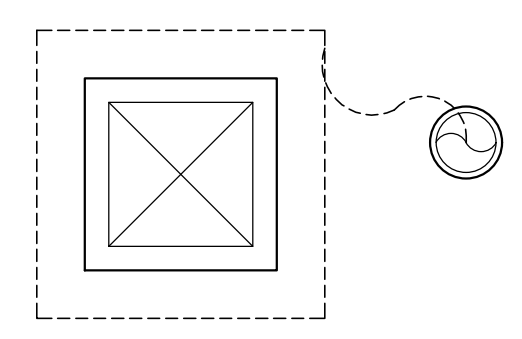
23. Powered Vent Cap
Type 1B - Exhaust - Exst

4



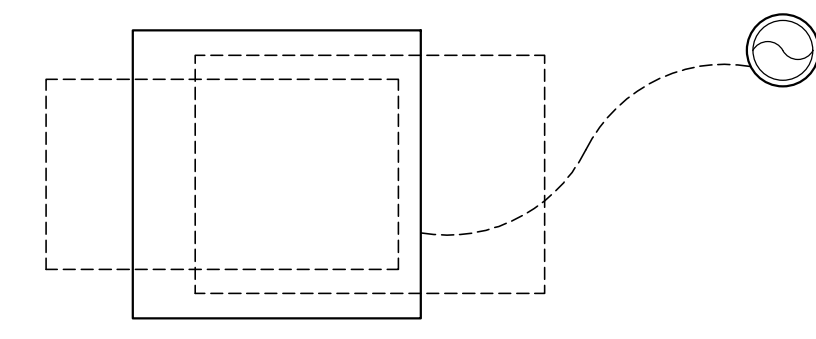
20. Duct
Exst

1



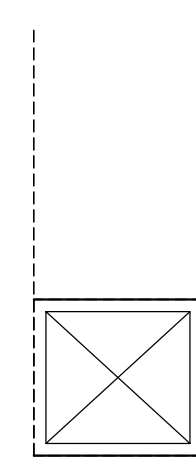
27. Powered Vent Cap
Type 1F - Exhaust - Exst

8



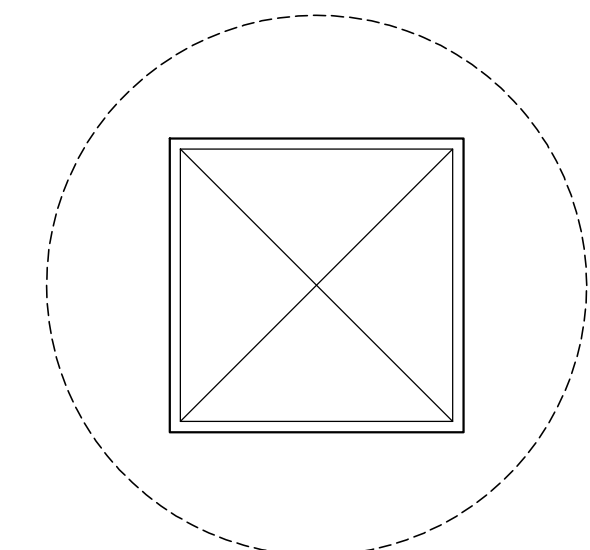
24. Powered Vent Cap
Type 1C - Exhaust - Exst

5



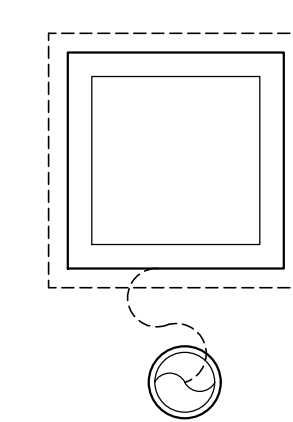
21. Duct Penetration
Exst

2



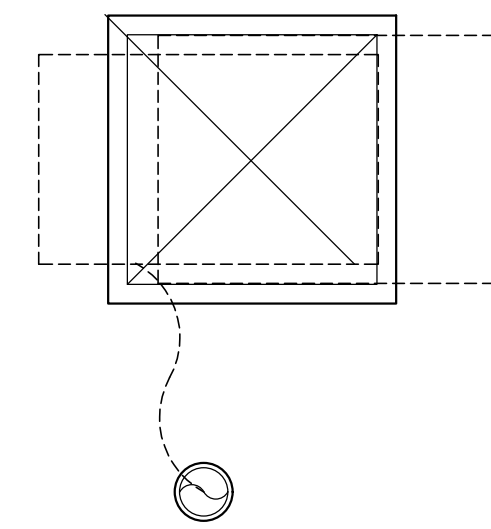
28. Vent Cap
Type 2A - Mushroom (Large) - Exst

9



25. Powered Vent Cap
Type 1D - Exhaust (Small) - Exst

6



22. Powered Vent Cap
Type 1A - Exhaust - Exst

3

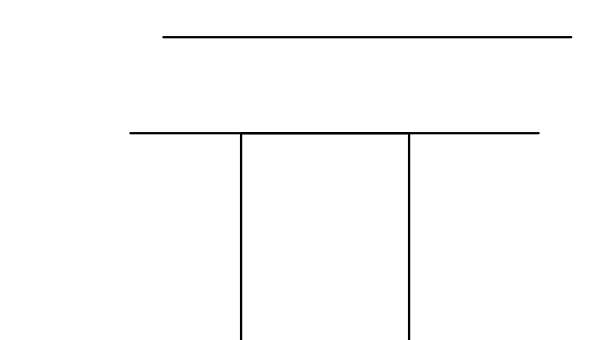


NOTE: TYPE 40 SHOWN.

39-40. Pipe Penetration

NTS

9

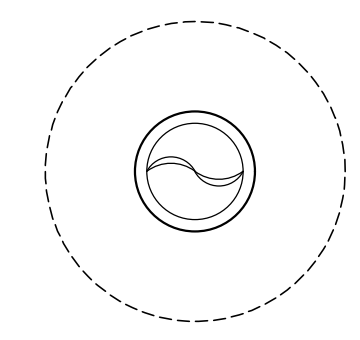


32. Vent Cap

Type 4 - Welding Hood - Exst

NTS

4



29. Vent Cap

Type 2B - Mushroom (Small) - Exst

NTS

1



44-45. Hosebib

Exst

NTS

8

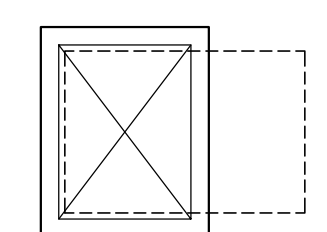


33-35. Flue Cap

34. Type 2 - Exst Shown

NTS

5

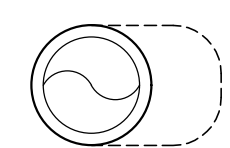


30. Vent Cap

Type 3A - Exst

NTS

2



46. Cable Weatherhead

Exst

NTS

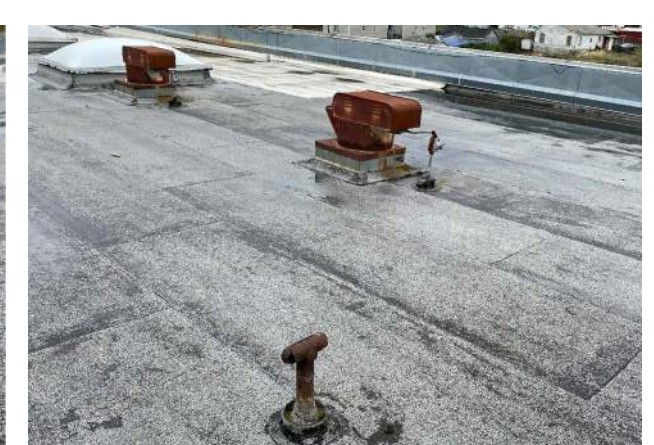
9



37-38. Plumbing Vent

NTS

6



43. Penetration

NTS

3