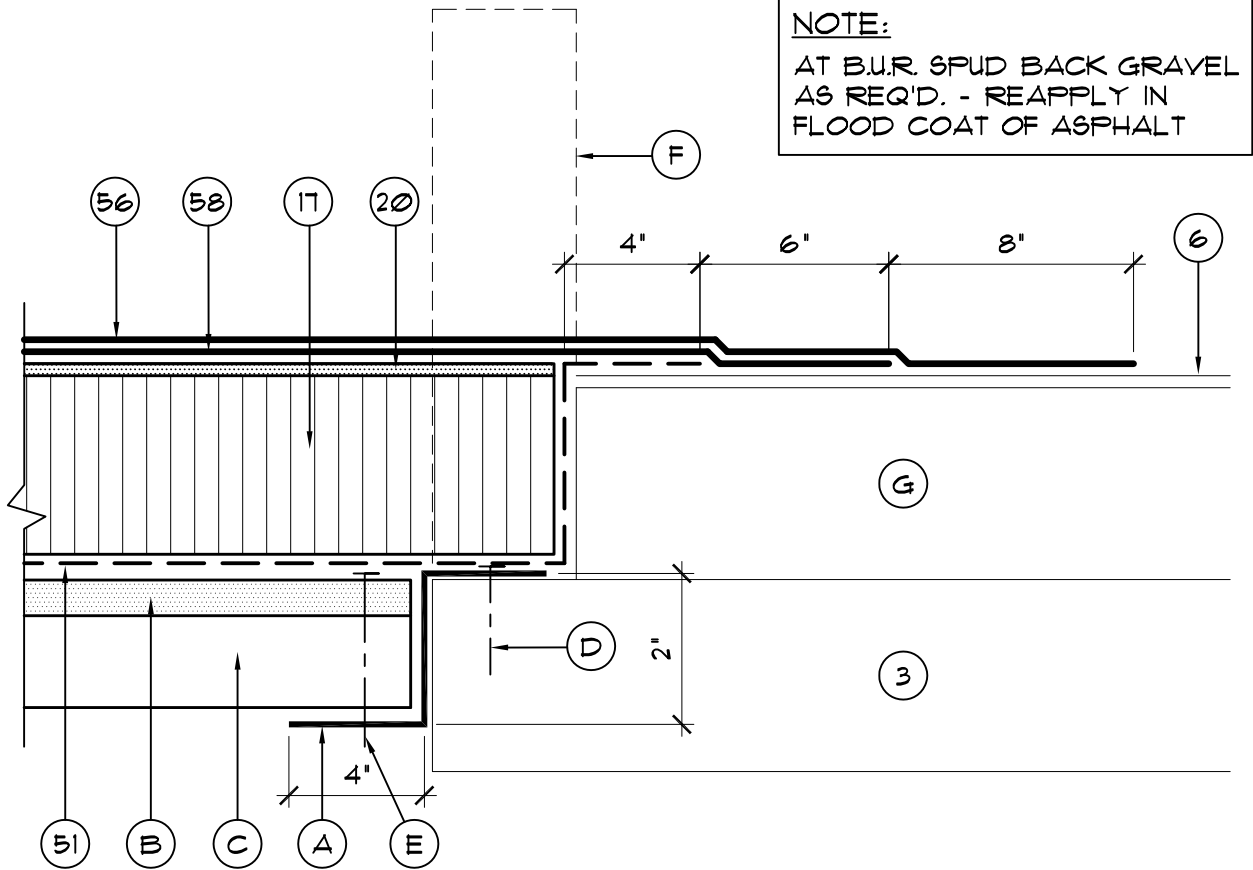


ACAD FILE # 15036-A501

DATE:

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 15036.00



### CLOSURE AT LARGE OPENINGS

- |     |                             |     |   |
|-----|-----------------------------|-----|---|
| 3.  | EXISTING DECK               | 51. | DRY-IN MEMBRANE   |
| 6.  | EXISTING MEMBRANE TO REMAIN | 56. | MODIFIED BITUMEN FLASHING                                 |
| 17. | RIGID INSULATION            | 58. | MODIFIED BITUMEN FLASHING<br>(PLY FELT FLASHING @ B.U.R.) |
| 20. | GYPSUM COVERBOARD           |     |   |
- A. 16 GA. GALV. Z- FURRING  
PAINTED (EXPOSED AREAS ONLY)
  - B. 5/8" F.R. TYPE "X" GYPSUM BOARD
  - C. 1 1/2"-22 GA CORRUGATED, GALV.  
METAL DECK
  - D. #10 5/8 SHT. MTL. SCREWS THRU  
METAL DECK BELOW OR 3/16"X2 1/4"  
"TAPCONS" INTO EXIST. CONC. DECK -  
@ 12" O.C. AT PERIMETER
  - E. 5/8 SHT. MTL. SCREWS @ 12" O.C.  
AT PERIMETER
  - F. CUT BACK EXIST. INSULATION AS REQ'D.  
TO REMOVE EXISTING CURB
  - G. EXISTING INSULATION



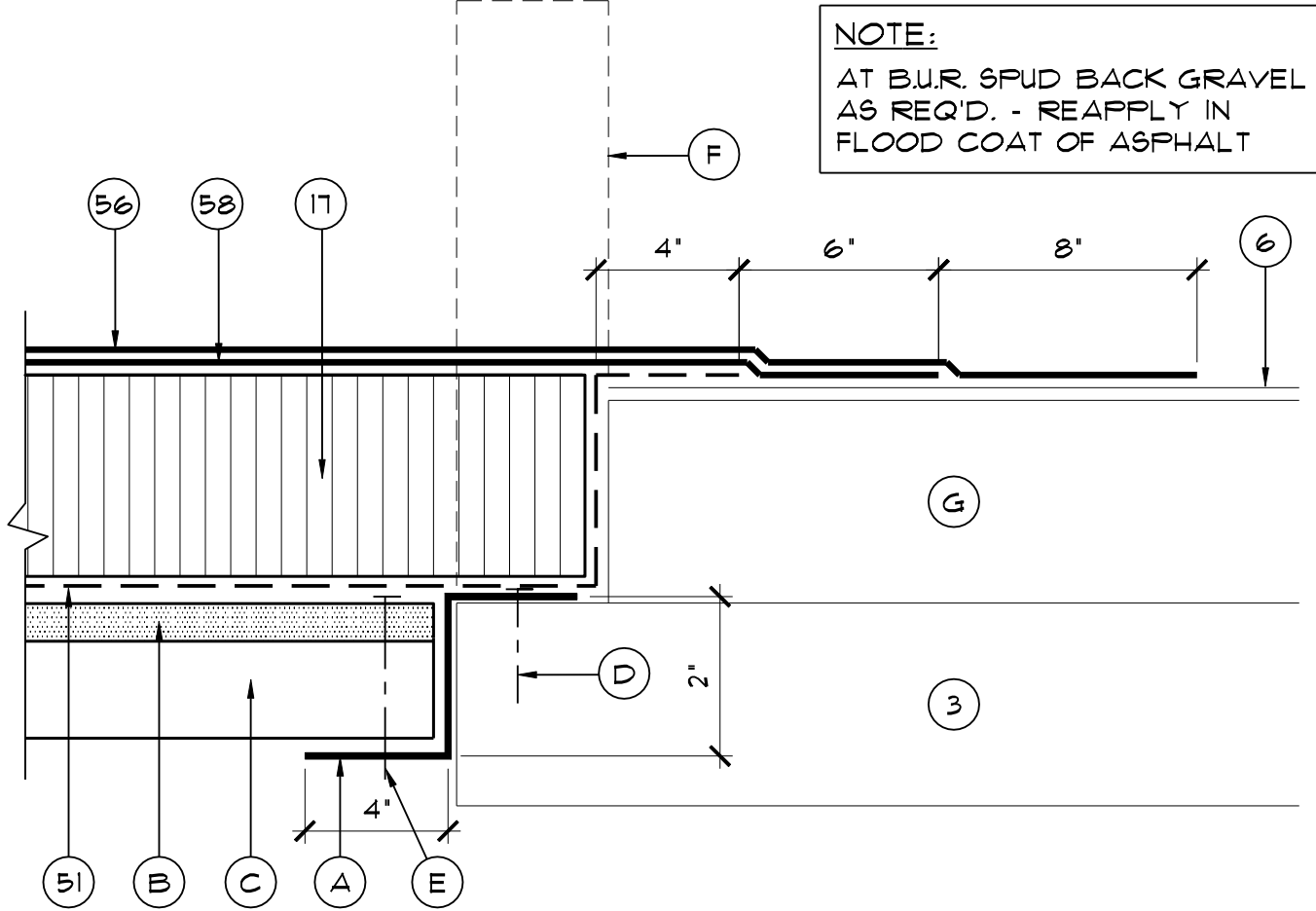
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ORLANDO, FLORIDA 32803-4899  
TEL. (407)896-7875 FAX (407)898-6043

TITLE DECK INFILL AT LARGE  
EXISTING OPENING

SCALE N.T.S.





**NOTE:**  
 AT B.U.R. SPUD BACK GRAVEL AS REQ'D. - REAPPLY IN FLOOD COAT OF ASPHALT

CLOSURE AT SMALL OPENINGS

- |   |  |
|---|--|
| 3. EXISTING DECK  | 51. DRY-IN MEMBRANE  |
| 6. EXISTING MEMBRANE TO REMAIN  | 56. MODIFIED BITUMEN FLASHING                              |
| 17. RIGID INSULATION  | 58. MODIFIED BITUMEN FLASHING (PLY FELT FLASHING @ B.U.R.) |
| A. 20 GA. GALV. Z- FURRING PAINTED (EXPOSED AREAS ONLY)   |  |
| B. 5/8" F.R. TYPE "X" GYPSUM BOARD  |  |
| C. 9/16"-26 GA. GALV. METAL DECK  |  |
| D. #10 S/S SHT. MTL. SCREWS THRU METAL DECK BELOW OR 3/16"X2 1/4" "TAPCONS" INTO EXIST. CONC. DECK - 2 PER SIDE 8 TOTAL |  |
| E. DRYWALL OR TEK SCREWS - 3 PER SIDE - 12 TOTAL  |  |
| F. CUT BACK EXIST. INSULATION AS REQ'D. TO REMOVE EXISTING CURB   |  |
| G. EXISTING INSULATION  |  |



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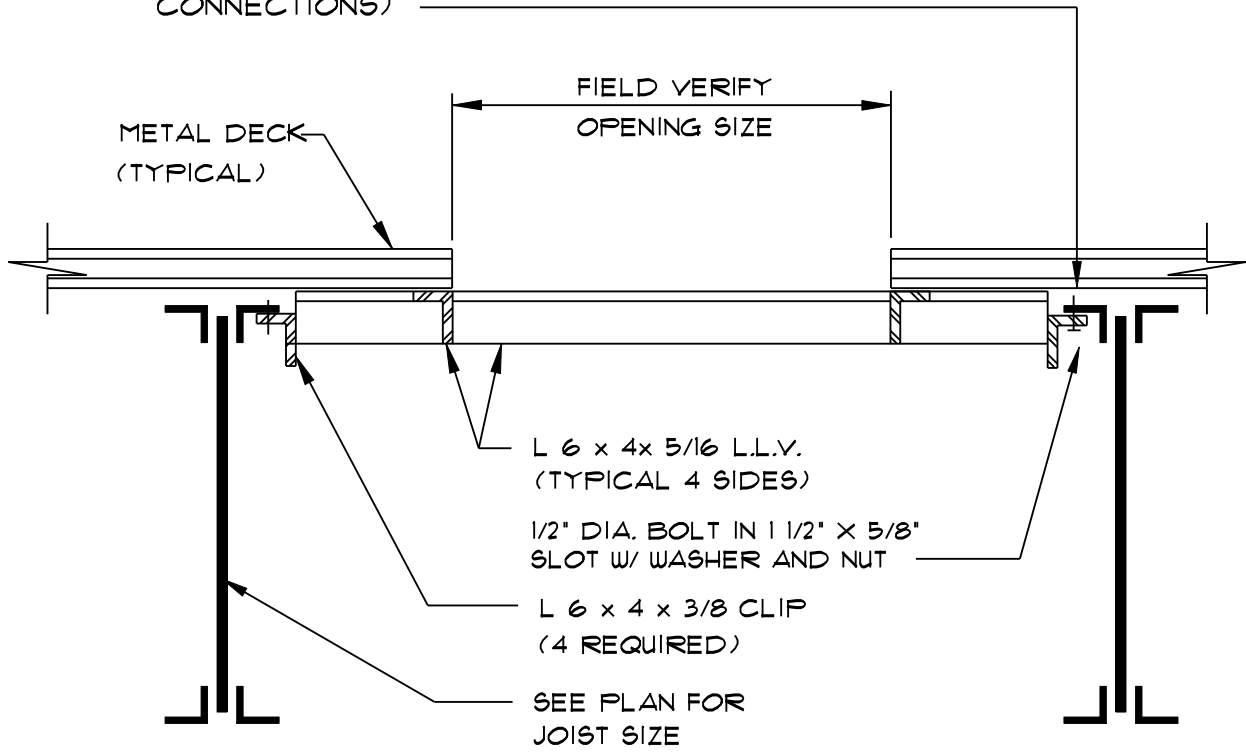
601 NORTH FERN CREEK AVENUE SUITE 100  
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 TEL (407)896-7875 FAX. (407)898-6043

TITLE DECK INFILL AT SMALL EXISTING OPENING

SCALE N.T.S.



NOTE: TWO - 1/4" DIA. X 1 1/4" SELF-DRILLING, SELF-TAPPING COATED DECK SCREWS AT EACH CLIP ANGLE - TYP. OF 4 LOCATIONS (CONTRACTOR'S OPTION TO FILLET WELD ALL FIELD CONNECTIONS)



NOTE: FILLET WELD ALL CONNECTIONS (TYPICAL)

(PROVIDE AT PERIMETER OF ALL NEW ROOFTOP MECHANICAL UNITS AND OPENINGS AS REQUIRED)  
 SEE MECH. DWG'S. FOR OPENING SIZE & LOCATION)  
 (PROVIDE L 3 x 3 x 5/16 AT ALL NEW & EXISTING ROOF DRAIN LOCATIONS (UNLESS FRAMING EXISTS, F.V.)

# TYPICAL ROOF OPENING DETAIL



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TITLE ROOF OPENING SUPPORT

SCALE N.T.S.

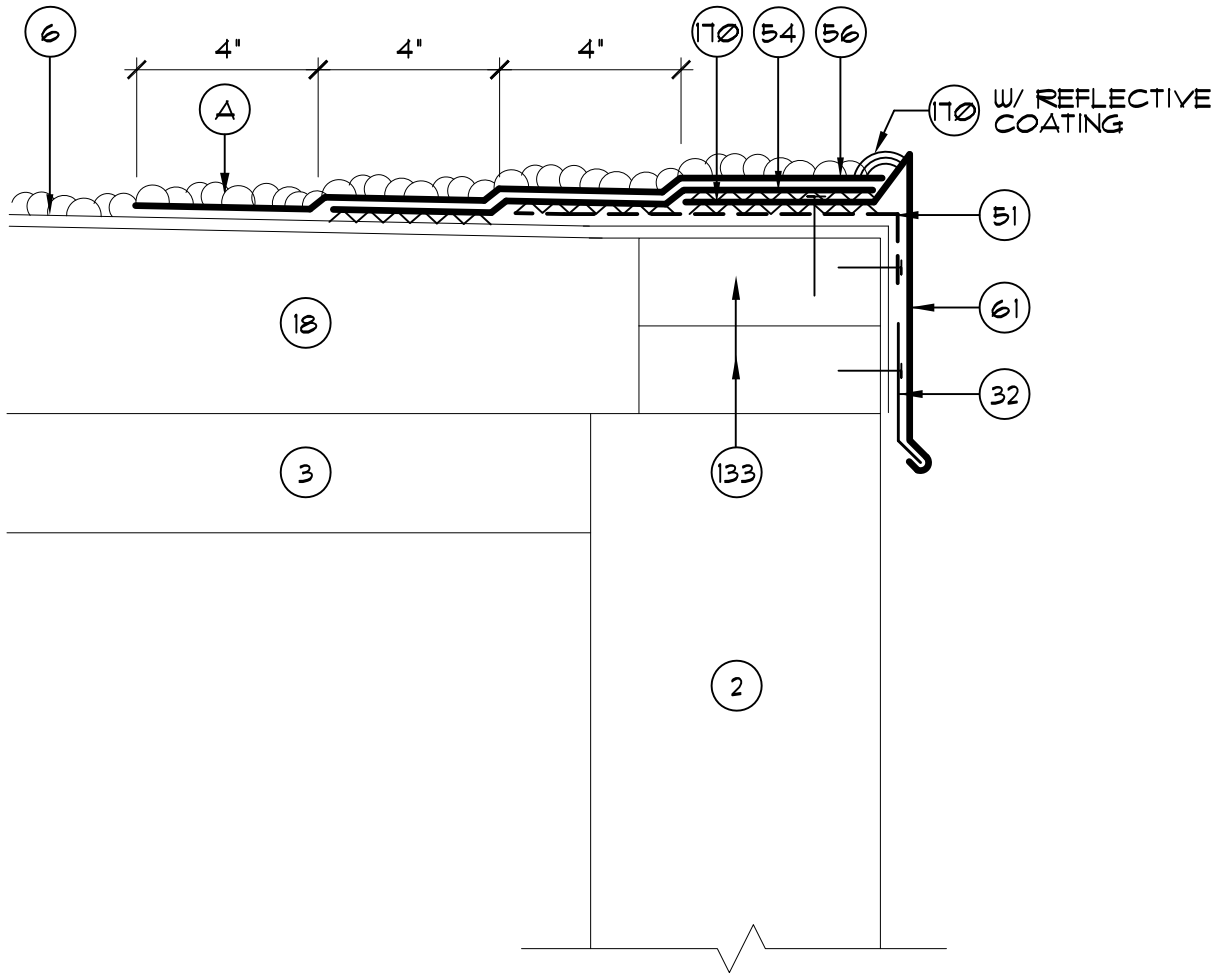


ACAD FILE # 15036.00

CATALOG #

PLOT SCALE : 3"=1'

PROJECT NUMBER: 15036.00-B101



- 2. EXISTING WALL
- 3. EXISTING DECK
- 6. EXISTING MEMBRANE TO REMAIN
- 18. EXISTING INSULATION TO REMAIN
- 32. CONTINUOUS CLEAT
- 51. DRY-IN MEMBRANE
- 54. STRIP-IN FLASHING
- 56. MODIFIED BITUMEN FLASHING

- 61. EDGE METAL - SEE DETAIL (H.101)
- 133. EXISTING 2X P.T. WOOD BLOCKING TO REMAIN. REPLACE DETERIORED WOOD BLOCKING.
- 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE
- A. SPUD BACK EXIST. GRAVEL AS REQ'D. AND RE-APPLY GRAVEL IN FLOOD COAT OF ASPHALT

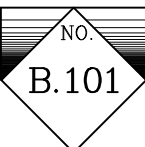


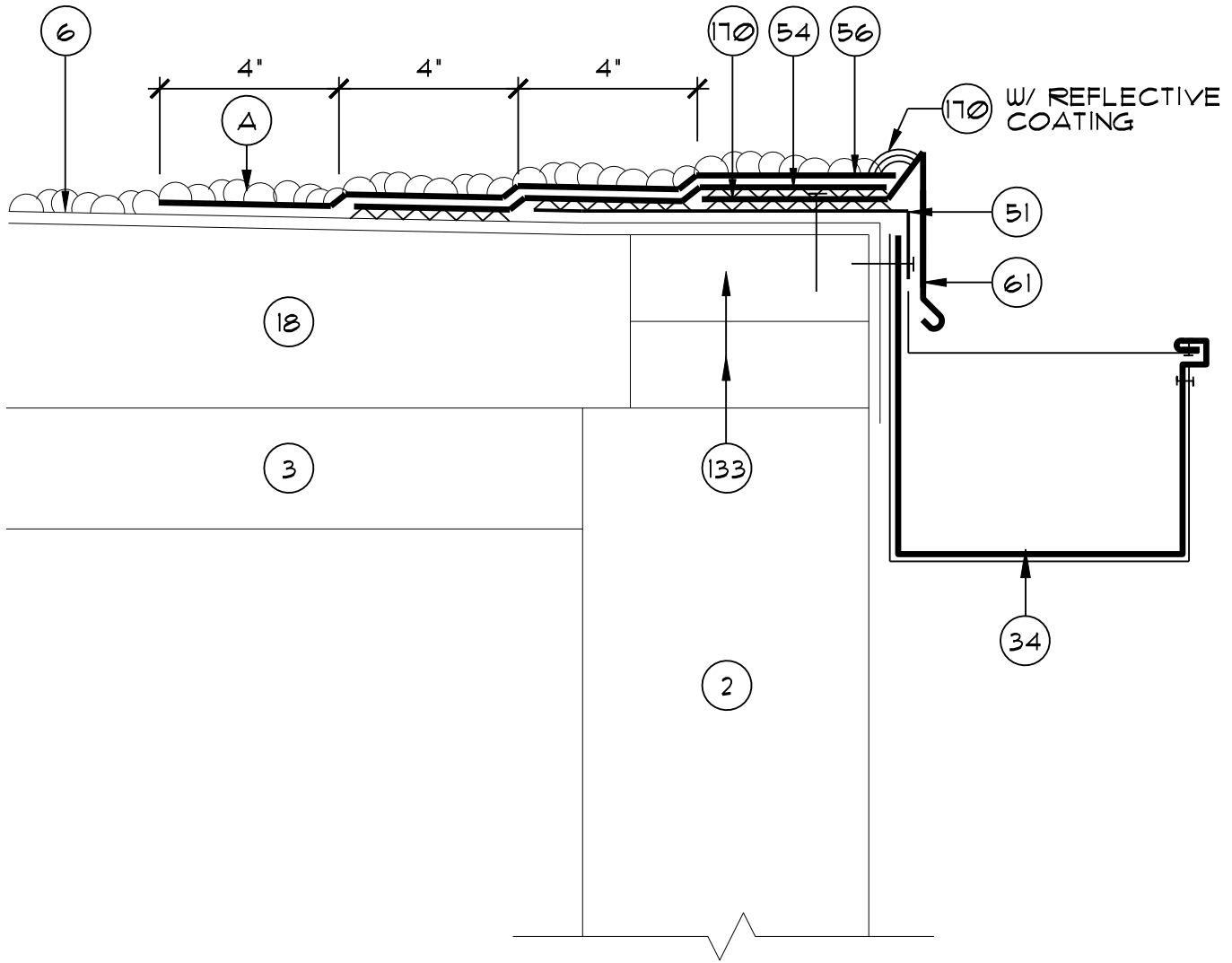
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TITLE TYPICAL EDGE METAL REPAIR

SCALE 3' = 1'-0"





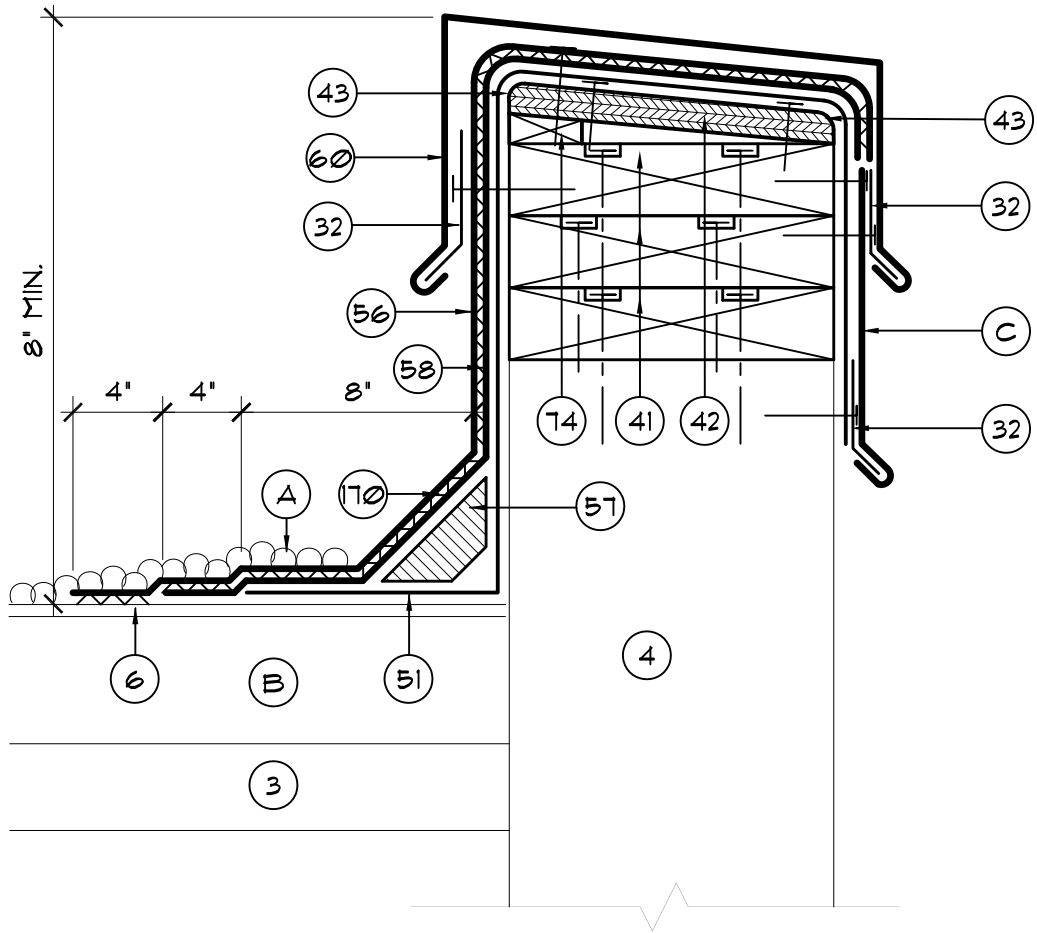
- 2. EXISTING WALL
- 3. EXISTING DECK
- 6. EXISTING MEMBRANE TO REMAIN
- 18. EXISTING INSULATION TO REMAIN
- 34. EXIST. GUTTER TO REMAIN
- 51. DRY-IN MEMBRANE
- 54. STRIP-IN FLASHING
- 56. MODIFIED BITUMEN FLASHING
- 61. EDGE METAL - SEE DETAIL 1.101
- 133. EXISTING 2X P.T. WOOD BLOCKING TO REMAIN. REPLACE DETERIORATED WOOD BLOCKING.
- 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE
- A. SPUD BACK EXIST. GRAVEL AS REQ'D. AND RE-APPLY GRAVEL IN FLOOD COAT OF ASPHALT



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TITLE TYPICAL EDGE METAL REPAIR W/ GUTTER  
SCALE 3'=1'-0"





- |   |   |
|---|---|
| 3. EXISTING DECK  | 56. MODIFIED BITUMEN FLASHING CAP   |
| 4. EXIST. PARAPET   | 57. FIBER CANT  |
| 6. EXIST. MEMBRANE  | 58. PLY FELT FLASHING   |
| 32. CONTINUOUS CLEAT  | 60. PARAPET CAP - SEE DETAIL (H.801)  |
| 41. 2x8 P.T. WOOD NAILERS AS REQ'D. TO BE FASTENED AT 12" O.C. (MAX.) AND STAGGER - COUNTERSINK HEADS | 65. MODIFIED BITUMEN CAP SHEET  |
| 42. 5/8" PLYWOOD - SCREW FASTEN @ 8" O.C. (MAX.) TOP & BOTTOM & STAGGER - COUNTERSINK HEADS           | 74. 1 x 4 P.T. WOOD SHIM  |
| 43. ROUND OFF THIS EDGE   | 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.                |
| 51. DRY-IN MEMBRANE   | A. SPUD BACK EXIST. GRAVEL AS REQ'D. AND RE-APPLY GRAVEL IN FLOOD COAT OF ASPHALT |
|   | B. EXISTING INSULATION  |
|   | C. 24 GA. ST. STL. SKIRT METAL  |



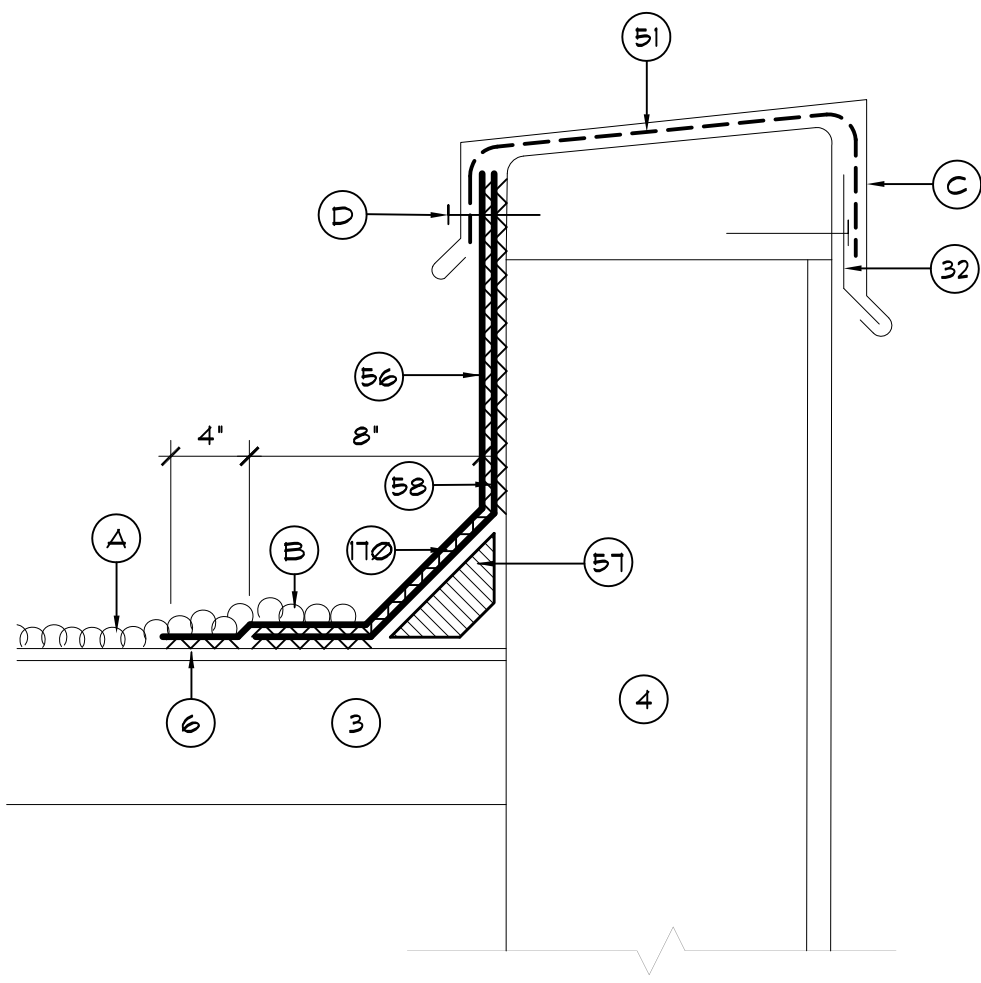
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TITLE PARAPET REPAIR  
 FLASHING DETAIL

SCALE 3" = 1'



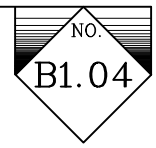


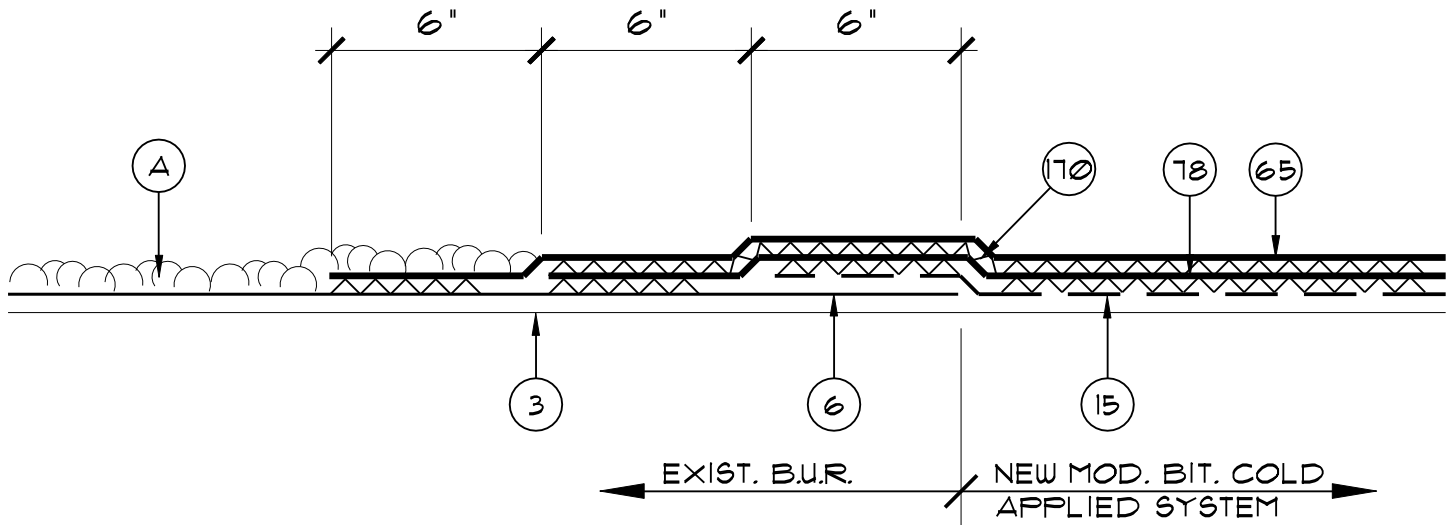
- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>3. EXISTING DECK</li> <li>4. EXIST. PARAPET</li> <li>6. EXIST. MEMBRANE</li> <li>32. CONTINUOUS CLEAT - EXIST.</li> <li>51. DRY-IN MEMBRANE</li> <li>56. MOD. BIT. FLASHING - CAP</li> <li>57. NON-COMBUSTIBLE CANT</li> <li>58. MOD. BIT. FLASHING - INTERPLY</li> <li>170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.</li> <li>A. SPUD BACK EXIST GRAVEL MIN. OF 18" TO INSTALL NEW FLASHING - REMOVE EXIST. BASE FLASHING &amp; CANT AS REQ'D</li> </ul> | <ul style="list-style-type: none"> <li>B. RE-APPLY GRAVEL IN FLOOD COAT OF BITUMEN</li> <li>C. EXIST. COPING CAP - REMOVE &amp; REINSTALL AS REQ'D TO INSTALL NEW BASE FLASHING</li> <li>D. REMOVE EXIST. SCREWS. INSTALL NEW BASE FLASHING &amp; SECURE W/ ONE SIZE LARGER ST. STL. SCREWS W/ METAL BACKED NEOPRENE WASHERS IN EXIST. HOLE</li> </ul> |
|---|--|



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TITLE TYP. PARAPET BASE FLASHING REPAIR DETAIL  
SCALE 3"=1'





- 3. EXISTING DECK
- 6. EXIST. B.U.R. MEMBRANE
- 15. BASE SHEET
- 65. MODIFIED BITUMEN MEMBRANE
- 78. INTERPLY SHEET
- 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.
- A. SPUD BACK EXISTING GRAVEL AS REQ'D. - REAPPLY IN FLOOD COAT OF ASPHALT



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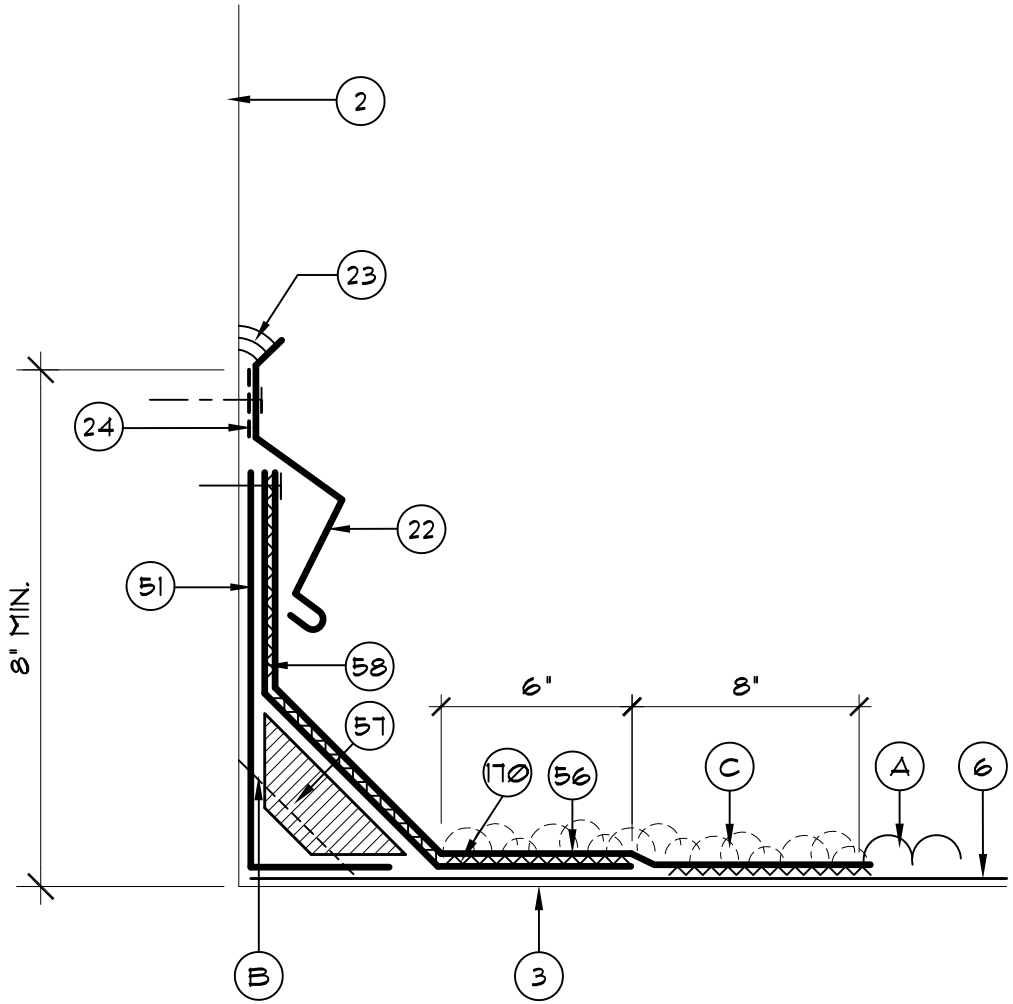
601 NORTH FERN CREEK AVENUE SUITE 100  
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TITLE MEMBRANE TRANSITION  
 DETAIL

SCALE N.T.S.







- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>2. EXIST. WALL</li> <li>3. EXIST. DECK</li> <li>6. EXISTING MEMBRANE TO REMAIN</li> <li>22. 24 GA. ST. STEEL COUNTERFLASHING - SURFACE APPLIED - SEE DETAIL (H201)</li> <li>23. SEALANT</li> <li>24. FLASHING TAPE</li> <li>51. DRY-IN MEMBRANE</li> <li>56. MODIFIED BITUMEN FLASHING</li> <li>57. FIBER CANT</li> <li>58. PLY FELT FLASHING</li> </ul> | <ul style="list-style-type: none"> <li>170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.</li> <li>A. SPUD BACK EXISTING GRAVEL MIN. OF 18" TO INSTALL NEW FLASHING.</li> <li>B. REMOVE EXISTING WALL FLASHING AND CANT.</li> <li>C. RE-APPLY GRAVEL IN FLOOD COAT OF ASPHALT</li> </ul> |
|---|--|

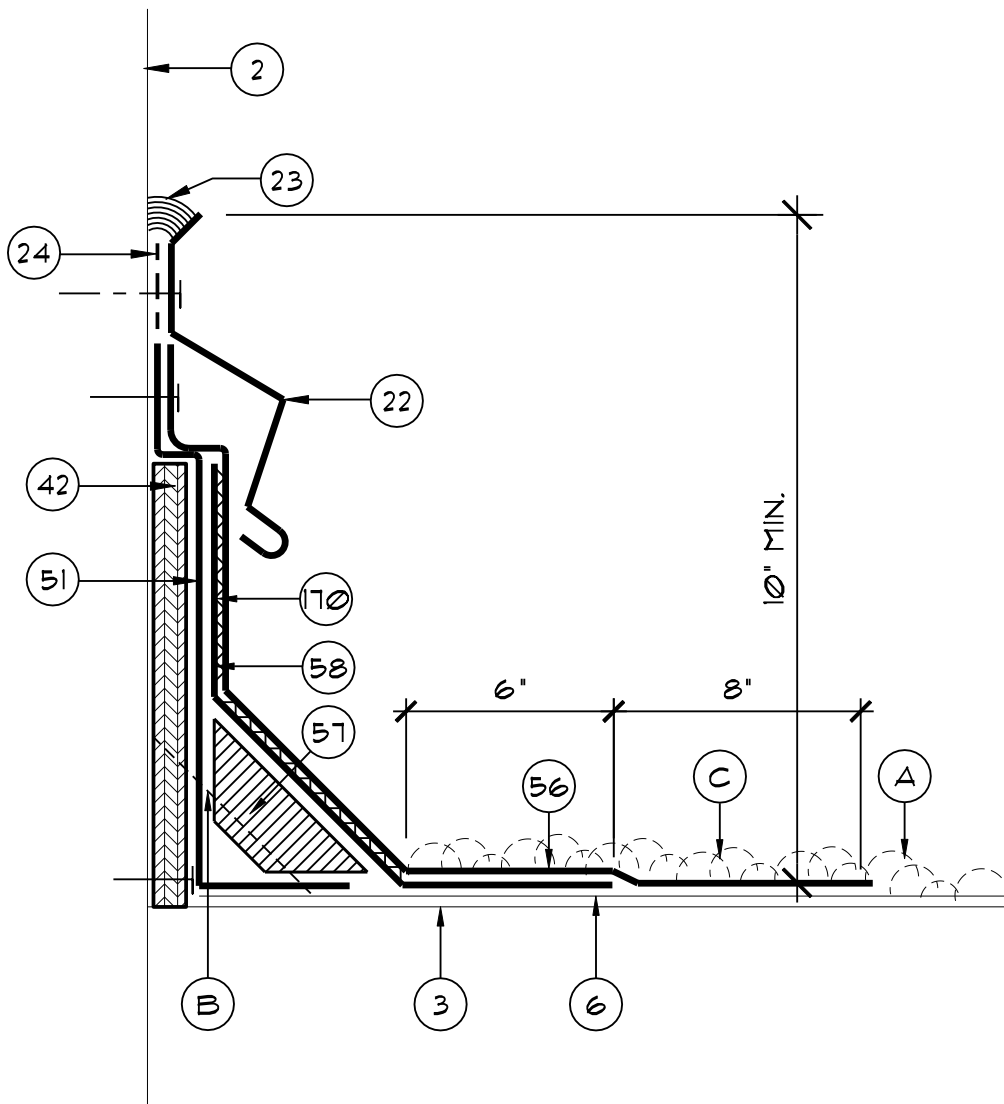


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TITLE FLASHING REPAIR  
 DETAIL AT WALL

SCALE 3"=1'





- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>2. EXIST. WALL</li> <li>3. EXIST. DECK</li> <li>6. EXISTING MEMBRANE TO REMAIN</li> <li>22. COUNTERFLASHING -SURFACE APPLIED - SEE DETAIL (1.201)</li> <li>23. SEALANT</li> <li>24. FLASHING TAPE</li> <li>42. 5/8" PLYWOOD - SCREW FASTEN @ 8" O.C. (MAX.) TOP &amp; BOTTOM &amp; STAGGER - COUNTERSINK HEADS</li> <li>51. DRY-IN MEMBRANE</li> <li>56. MODIFIED BITUMEN FLASHING</li> <li>57. FIBER CANT</li> </ul> | <ul style="list-style-type: none"> <li>58. PLY FELT FLASHING</li> <li>170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.</li> <li>A. SPUD BACK EXISTING GRAVEL MIN. OF 18" TO INSTALL NEW FLASHING.</li> <li>B. REMOVE EXISTING WALL FLASHING AND CANT.</li> <li>C. RE-APPLY GRAVEL IN FLOOD COAT OF ASPHALT</li> </ul> |
|--|---|



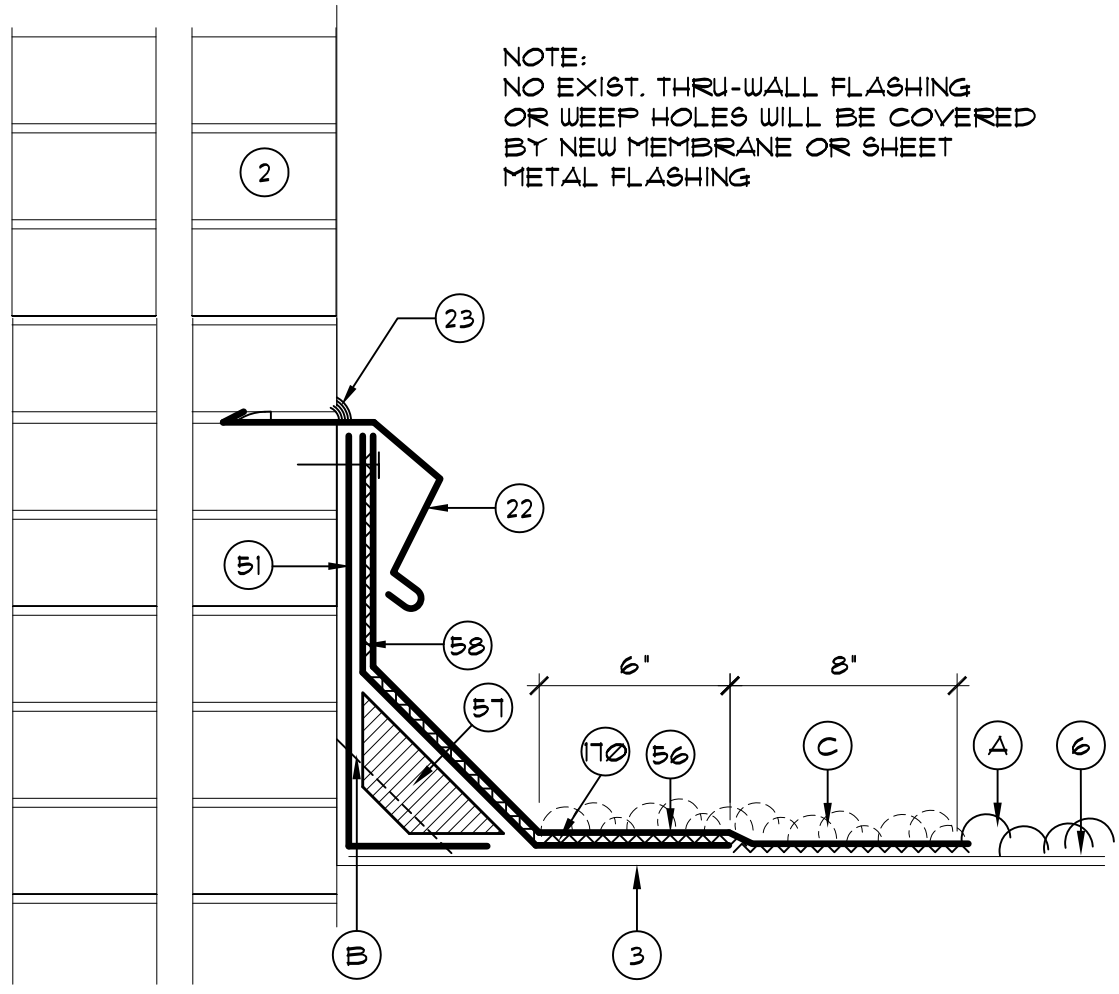
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TITLE WALL FLASHING REPAIR  
 DETAIL

SCALE 3" = 1'





NOTE:  
 NO EXIST. THRU-WALL FLASHING  
 OR WEEP HOLES WILL BE COVERED  
 BY NEW MEMBRANE OR SHEET  
 METAL FLASHING

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>2. EXIST. BRICK WALL</li> <li>3. EXISTING DECK</li> <li>6. EXISTING MEMBRANE TO REMAIN</li> <li>22. NEW 24 GA. ST. STEEL COUNTERFLASHING - REGLET APPLIED - SEE DETAIL (H202)</li> <li>23. SEALANT</li> <li>51. DRY-IN MEMBRANE</li> <li>56. MODIFIED BITUMEN FLASHING</li> <li>57. FIBER CANT</li> </ul> | <ul style="list-style-type: none"> <li>58. FLY FELT FLASHING</li> <li>170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.</li> <li>A. SPUD BACK EXISTING GRAVEL MIN. OF 18" TO INSTALL NEW FLASHING.</li> <li>B. REMOVE EXISTING WALL FLASHING AND CANT.</li> <li>C. RE-APPLY GRAVEL IN FLOOD COAT OF ASPHALT</li> </ul> |
|--|---|



4" MIN OVERLAP OF COUNTERFLASHING OR BITUMINOUS WATERPROOFING.

FASTENERS W/1"ϕ MIN. HEAD OR WASHER @ 8" O.C. (OPTIONAL TERMINATION BAR OR CONT. CLEAT AS DETAILED.

FULLY PRIME WALL

56 RUN STRIPS VERTICALLY ONLY

58

2

51

8" MIN. \*  
24" MAX.

57

EXIST. MEMBRANE

SPUD BACK GRAVEL AS REQ'D. TO INSTALL NEW FLASHING - REAPPLY IN FLOOD COAT OF ASPHALT

NOTE:

IN NO CASE SHALL THE FLASHING HEIGHT BE LESS THAN 4" ABOVE THE OUTLET ELEVATION OF THE EMERGENCY OVERFLOW SCUPPER/DRAIN SERVING THAT ROOF AREA.

A

3

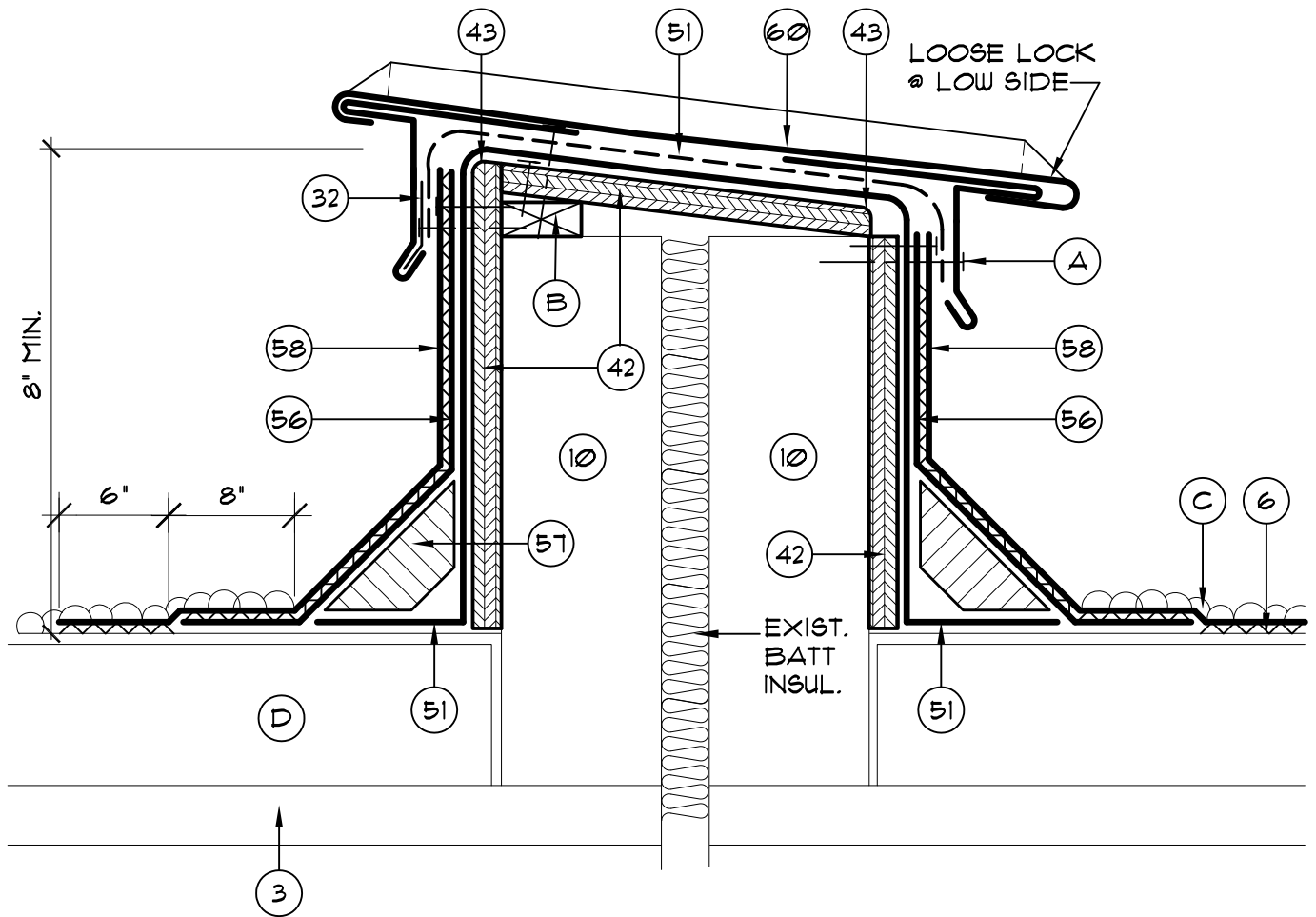
- 2. EXIST. WALL, CURB OR SHEATHING
- 3. EXIST. DECK
- 56. MODIFIED BITUMEN FLASHING
- 57. FIBER CANT
- 58. PLY FELT FLASHING
- A. EXISTING INSULATION



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TITLE TYP. BASE FLASHING DETAIL AT B.U.R. ROOFS  
SCALE 3"=1'

NO.
B.205



- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>3. EXISTING DECK</li> <li>6. EXISTING MEMBRANE TO REMAIN</li> <li>10. EXISTING CURB TO REMAIN</li> <li>32. CONTINUOUS CLEAT</li> <li>42. 5/8" PLYWOOD - SCREW FASTEN @ 8" O.C. (MAX.) TOP &amp; BOTTOM &amp; STAGGER - COUNTERSINK HEADS</li> <li>43. ROUND OFF THIS EDGE</li> <li>51. DRY-IN MEMBRANE</li> <li>56. MODIFIED BITUMEN FLASHING</li> <li>57. FIBER CANT</li> <li>58. PLY FELT FLASHING</li> </ul> | <ul style="list-style-type: none"> <li>60. EXPANSION JOINT CAP SEE DETAIL (H.401)</li> <li>170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.</li> <li>A. FASTEN AT 8" O.C. WITH ST. STL. #10 X 2" W/ METAL BACKED NEOPRENE WASHERS.</li> <li>B. 1X2 P.T. NAIL AT 6" O.C. TO FORM SHIM.</li> <li>C. SPUD BACK EXIST. GRAVEL AS REQ'D. TO INSTALL NEW FLASHING - RE-APPLY GRAVEL IN FLOOD COAT OF ASPHALT.</li> <li>D. EXISTING INSULATION</li> </ul> |
|--|--|



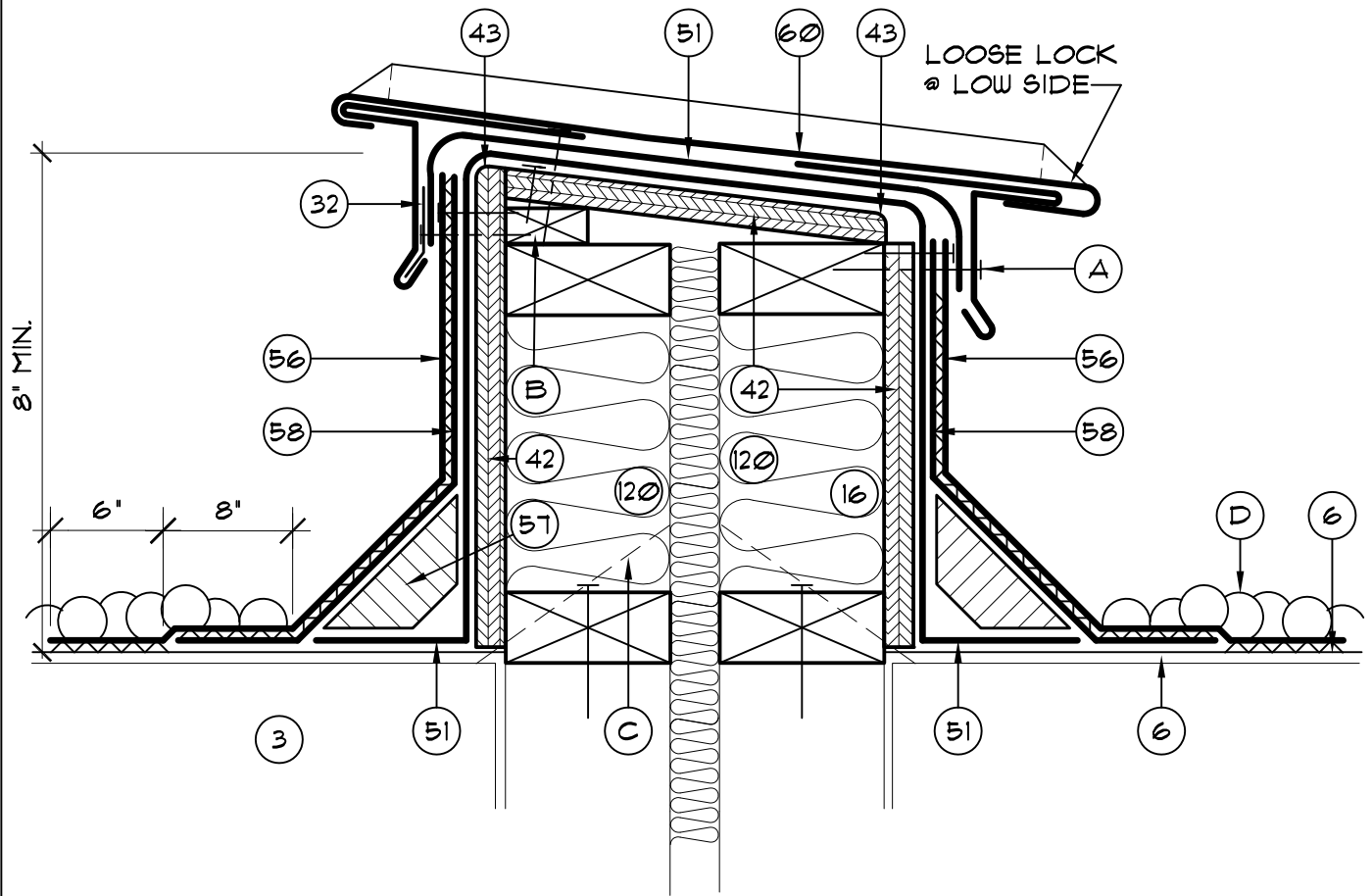
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TITLE **MODIFY EXPANSION JOINT AND FLASHING REPAIRS**

SCALE **N.T.S.**

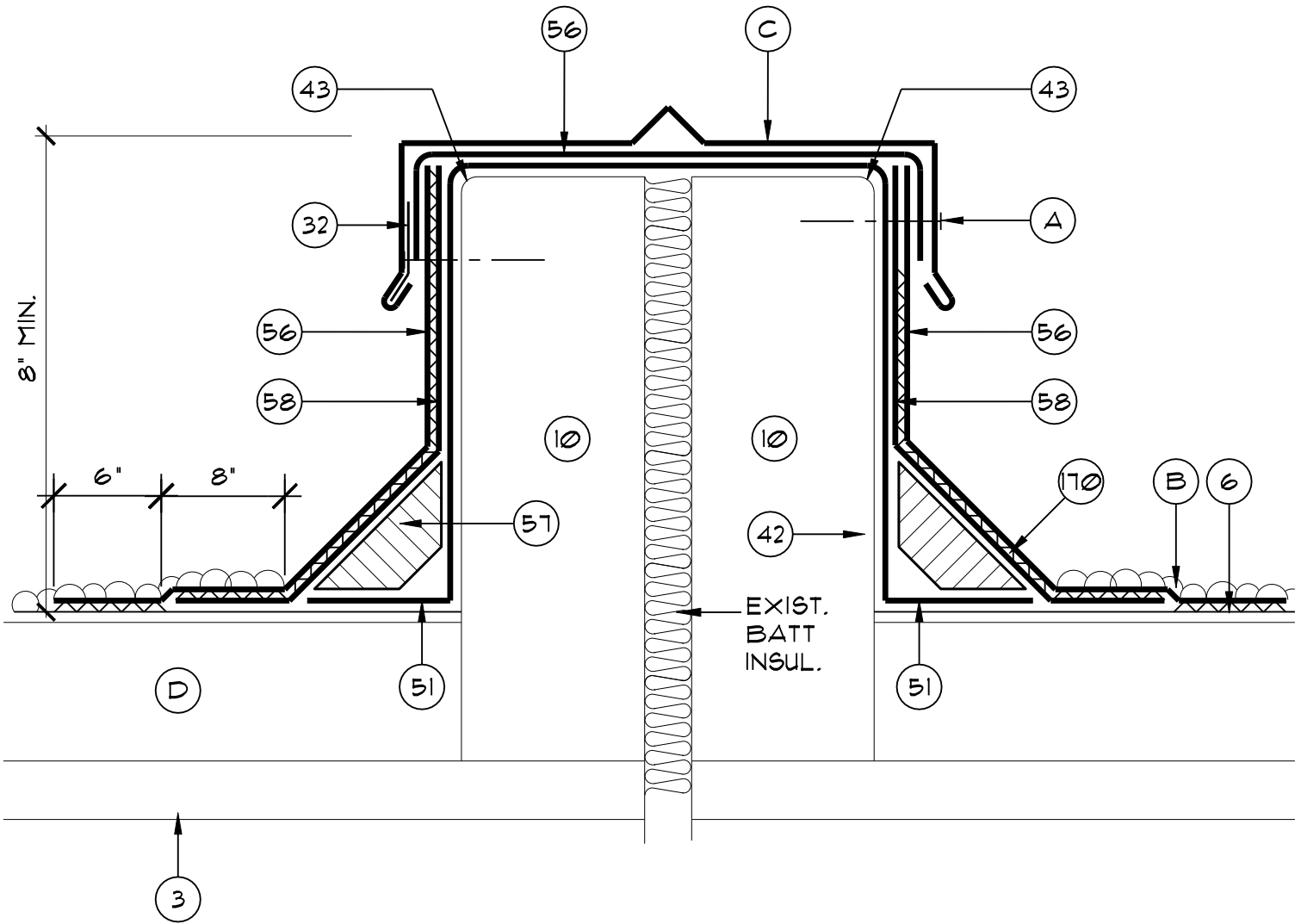




- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>3. EXISTING DECK</li> <li>6. EXISTING MEMBRANE TO REMAIN</li> <li>10. EXISTING CURB TO REMAIN</li> <li>16. BATT INSULATION</li> <li>32. CONTINUOUS CLEAT</li> <li>42. 5/8" PLYWOOD - SCREW FASTEN @ 8" O.C. (MAX.) TOP &amp; BOTTOM &amp; STAGGER - COUNTERSINK HEADS</li> <li>43. ROUND OFF THIS EDGE</li> <li>51. DRY-IN MEMBRANE</li> <li>56. MODIFIED BITUMEN FLASHING</li> <li>57. FIBER CANT</li> <li>58. FLY FELT FLASHING</li> </ul> | <ul style="list-style-type: none"> <li>60. EXPANSION JOINT CAP SEE DETAIL (H.401)</li> <li>120. WOOD CURB FROM P.T. 2x4'S @ 16" O.C. STAGGERED</li> <li>170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.</li> <li>A. FASTEN AT 8" O.C. WITH ST. STL. #10 X 2" W/ METAL BACKED NEOPRENE WASHERS.</li> <li>B. 1X2 P.T. NAIL AT 6" O.C. TO FORM SHIM.</li> <li>C. REMOVE EXIST. WOOD BLK'G. AND BELLOWS TYPE EXP. JT.</li> <li>D. SPUD BACK EXIST. GRAVEL AS REQ'D. AND RE-APPLY GRAVEL IN FLOOD COAT OF ASPHALT</li> </ul> |
|---|--|



PROJECT NUMBER: 15036.00  
 PLOT SCALE: 3" = 1'-0"  
 DATE: 3" = 1'-0"  
 ACAD FILE # 15036-B403

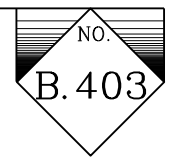


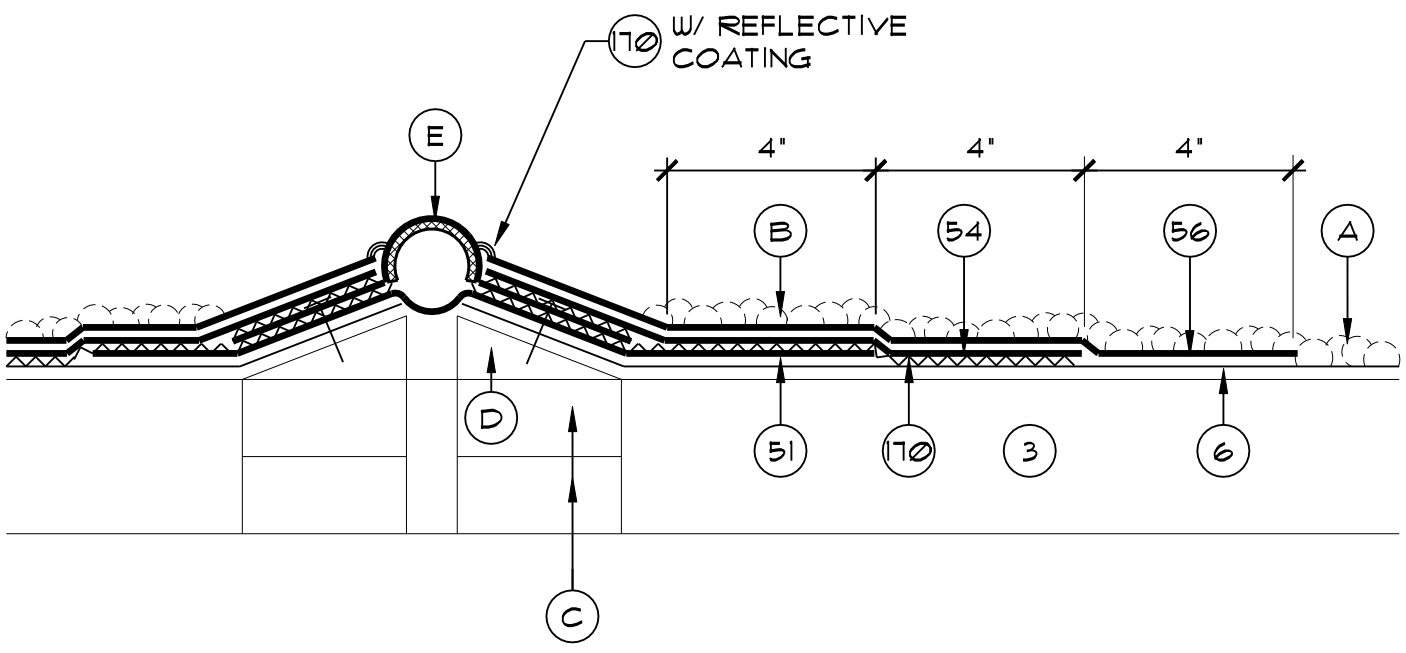
- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>3. EXISTING DECK</li> <li>6. EXISTING MEMBRANE</li> <li>10. EXISTING CURB TO REMAIN</li> <li>32. CONTINUOUS CLEAT</li> <li>43. ROUND OFF THIS EDGE</li> <li>51. DRY-IN MEMBRANE</li> <li>56. MODIFIED BITUMEN FLASHING</li> <li>57. FIBER CANT</li> <li>58. PLY FELT FLASHING</li> </ul> | <ul style="list-style-type: none"> <li>170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.</li> <li>A. FASTEN AT 8" O.C. WITH ST. STL. #10 X 2" W/ METAL BACKED NEOPRENE WASHERS.</li> <li>B. SPUD BACK EXIST. GRAVEL AS REQ'D. TO INSTALL NEW FLASHING - RE-APPLY GRAVEL IN FLOOD COAT OF ASPHALT.</li> <li>C. INSTALL NEW 24 GA. ST. STL. EXPANSION JOINT CAP</li> <li>D. EXISTING INSULATION</li> </ul> |
|---|---|



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TITLE EXPANSION JOINT AND FLASHING REPAIR DETAIL  
SCALE N.T.S.





- |      |   |    |   |
|------|---|----|---|
| 3.   | EXISTING DECK   | A. | SPUD BACK EXISTING GRAVEL AS REQUIRED TO INSTALL NEW FLASHING.  |
| 6.   | EXISTING MEMBRANE TO REMAIN                                   | B. | RE-APPLY GRAVEL IN FLOOD COAT OF ASPHALT                        |
| 51.  | DRY-IN MEMBRANE   | C. | EXIST. P.T. WOOD BLOCKING REPLACE WHERE DAMAGED OR DETERIORATED |
| 54.  | STRIP-IN FLASHING   | D. | EXIST. P.T. WOOD CANT REPLACE WHERE DAMAGED OR DETERIORATED     |
| 56.  | MODIFIED BITUMEN FLASHING                                     | E. | REPLACE EXIST. BELLOWS TYPE EXPANSION JOINT                     |
| 170. | APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE. |    |   |

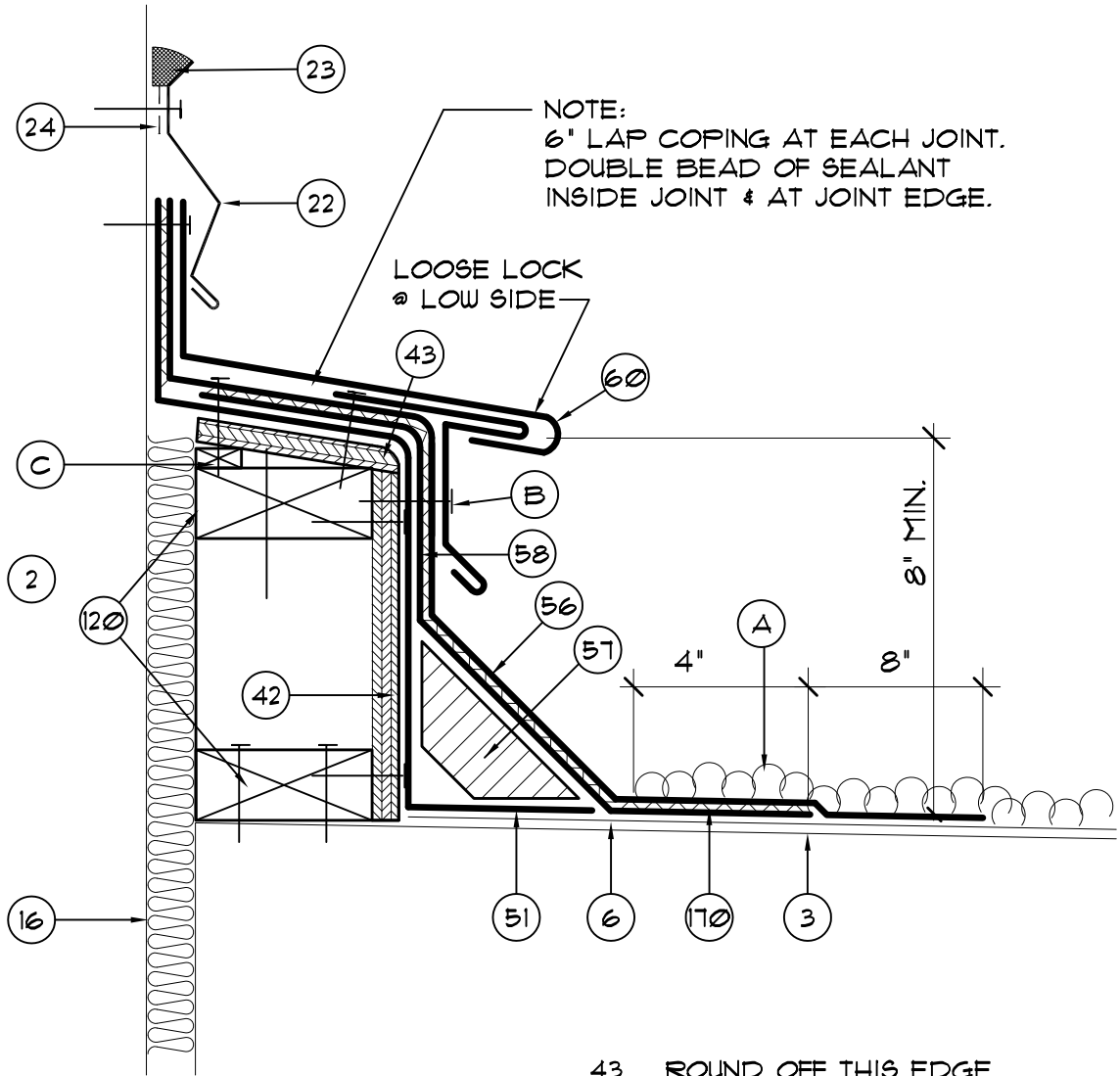


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 601 NORTH FERN CREEK AVENUE SUITE 100  
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 TEL (407)896-7875 FAX (407)898-6043

TITLE EXPANSION JOINT FLASHING REPAIR  
SCALE N.T.S.







NOTE:  
6" LAP COPING AT EACH JOINT.  
DOUBLE BEAD OF SEALANT  
INSIDE JOINT & AT JOINT EDGE.

LOOSE LOCK  
@ LOW SIDE

8" MIN.

4"

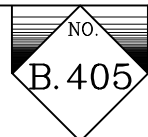
8"

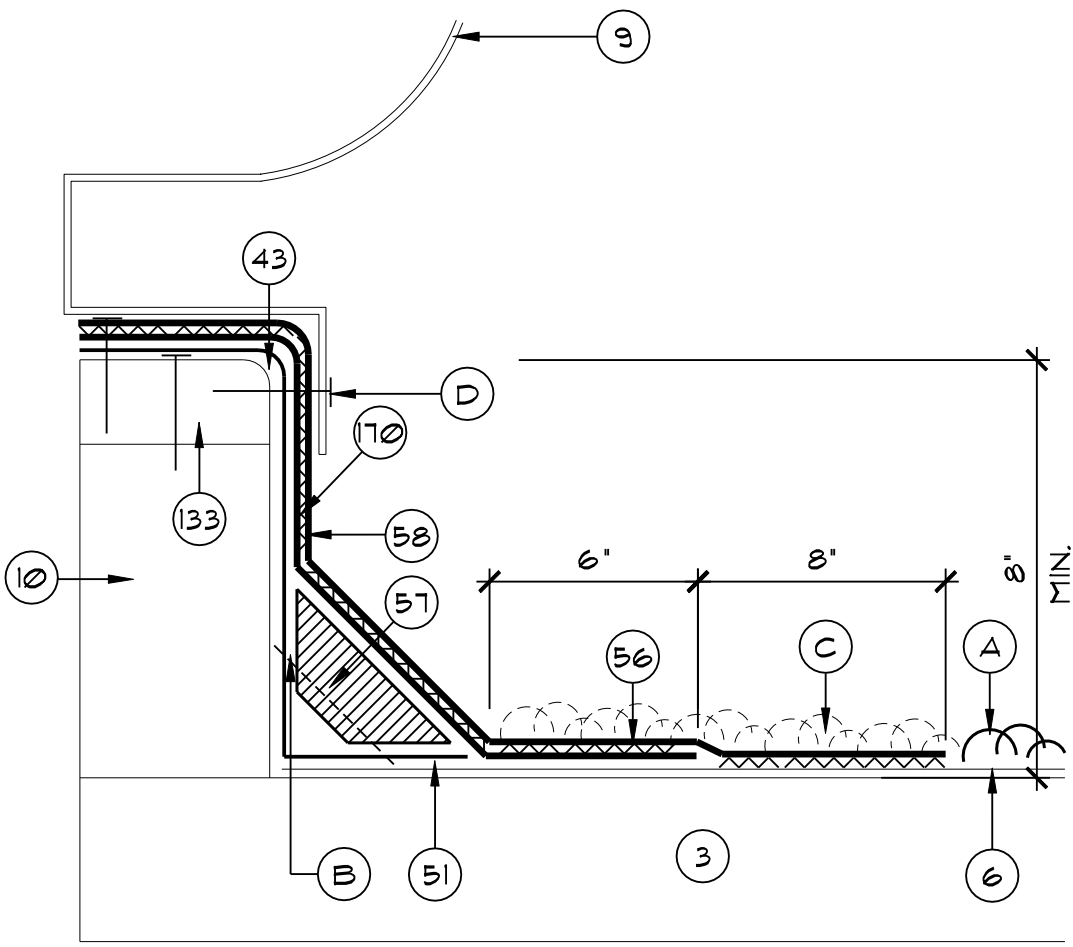
- 2. EXISTING WALL
  - 3. EXISTING DECK
  - 6. EXISTING MEMBRANE TO REMAIN
  - 16. BATT INSULATION
  - 22. COUNTERFLASHING -SURFACE APPLIED - SEE DETAIL (H.201)
  - 23. SEALANT
  - 24. FLASHING TAPE
  - 42. 5/8" PLYWOOD - SCREW FASTEN @ 8" O.C. (MAX.) TOP & BOTTOM & STAGGER - COUNTERSINK HEADS
  - 43. ROUND OFF THIS EDGE
  - 51. DRY-IN MEMBRANE
  - 56. MODIFIED BITUMEN FLASHING
  - 57. FIBER CANT
  - 58. PLY FELT FLASHING
  - 60. EXPANSION JOINT CAP
  - 120. WOOD CURB FROM 2x4'S @ 16" O.C. STAGGERED
  - 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.
- A. SPUD BACK EXISTING GRAVEL MIN. OF 18" TO INSTALL NEW FLASHING.
- B. FASTEN AT 8" O.C. WITH ST. STL. #10 X 2" WOOD SCREWS W/METAL BACKED NEOPRENE WASHERS.
- C. 1X2 P.T. NAIL AT 6" O.C. TO FORM SHIM.



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TITLE EXPANSION JOINT AT WALL  
SCALE N.T.S.





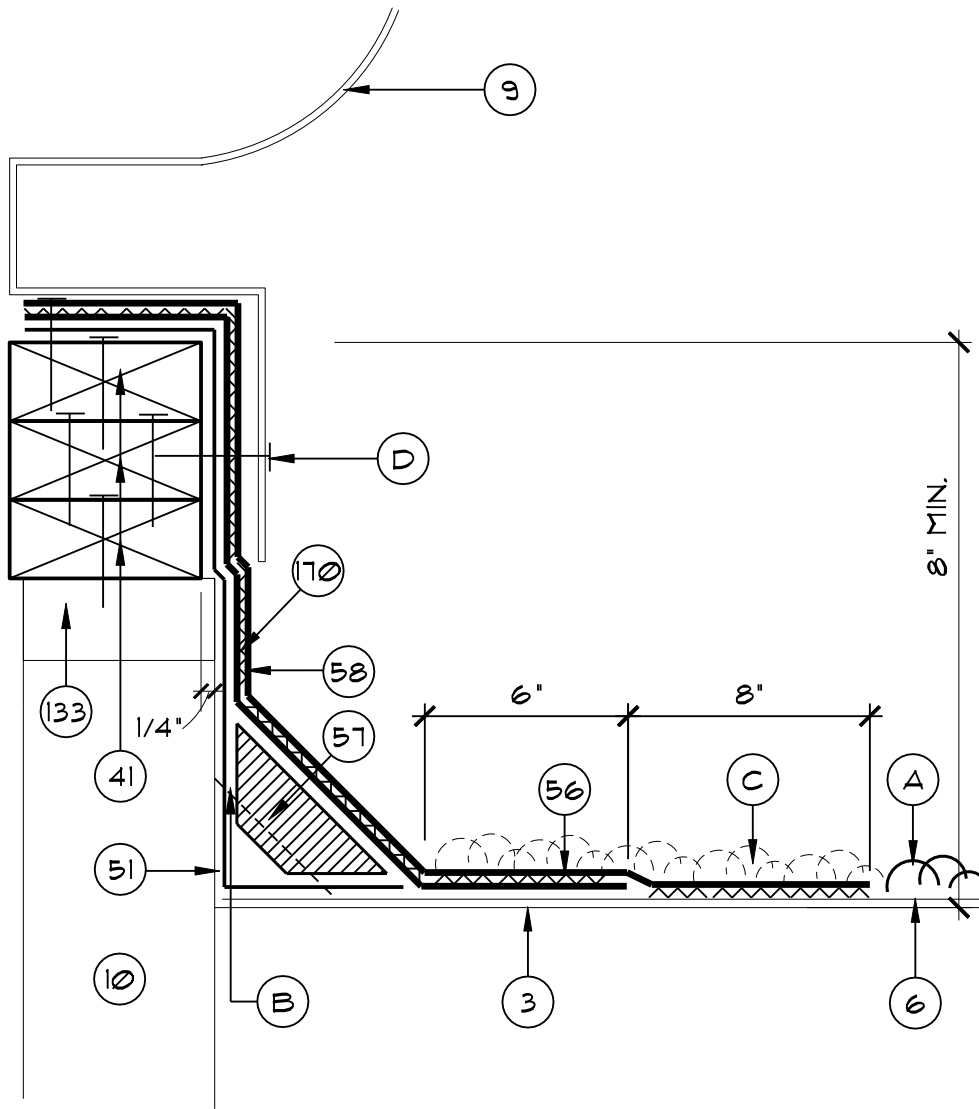
- 3. EXISTING DECK
- 6. EXISTING MEMBRANE TO REMAIN
- 9. EXISTING MECH. EQUIPMENT REMOVE AND REINSTALL
- 10. EXISTING CURB TO REMAIN
- 43. ROUND OFF THIS EDGE
- 51. DRY-IN MEMBRANE
- 56. MODIFIED BITUMEN FLASHING
- 57. NEW FIBER CANT
- 58. PLY FELT FLASHING
- 133. EXISTING WOOD BLOCKING TO REMAIN. REPLACE DETERIORED WOOD BLOCKING.
- 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.
- A. SPUD BACK EXISTING GRAVEL AS REQUIRED TO INSTALL NEW FLASHING.
- B. REMOVE EXISTING WALL FLASHING AND CANT.
- C. RE-APPLY GRAVEL IN FLOOD COAT OF ASPHALT.
- D. NEW ST. STL. SCREWS W/ METAL BACKED NEOPRENE WASHERS (MIN. 2 EACH SIDE)



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TITLE **TYPICAL EQUIPMENT CURB FLASHING REPAIR**  
 SCALE **N.T.S.**





- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>3. EXISTING DECK</li> <li>6. EXISTING MEMBRANE TO REMAIN</li> <li>9. EXISTING MECH. EQUIPMENT REMOVE AND REINSTALL</li> <li>10. EXISTING CURB TO REMAIN</li> <li>41. 2 x 4 P.T. WOOD BLOCKING AS REQ'D. TO ACHIEVE MIN. HEIGHT TO BE FASTENED AT 12" O.C. (MAX.) AND COUNTERSINK FASTENER HEADS (IF REQUIRED)</li> <li>51. DRY-IN MEMBRANE</li> <li>56. MODIFIED BITUMEN FLASHING</li> <li>57. NEW FIBER CANT</li> <li>58. PLY FELT FLASHING</li> </ul> | <ul style="list-style-type: none"> <li>133. EXISTING WOOD BLOCKING TO REMAIN. REPLACE DETERIORED WOOD BLOCKING.</li> <li>170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.</li> <li>A. SPUD BACK EXISTING GRAVEL AS REQUIRED TO INSTALL NEW FLASHING.</li> <li>B. REMOVE EXISTING WALL FLASHING AND CANT.</li> <li>C. RE-APPLY GRAVEL IN FLOOD COAT OF ASPHALT.</li> <li>D. NEW ST. STL. SCREWS W/ METAL BACKED NEOPRENE WASHERS (MIN. 2 EACH SIDE)</li> </ul> |
|--|---|



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TITLE TYPICAL RAISED EQUIPMENT CURB FLASHING REPAIR

SCALE N.T.S.

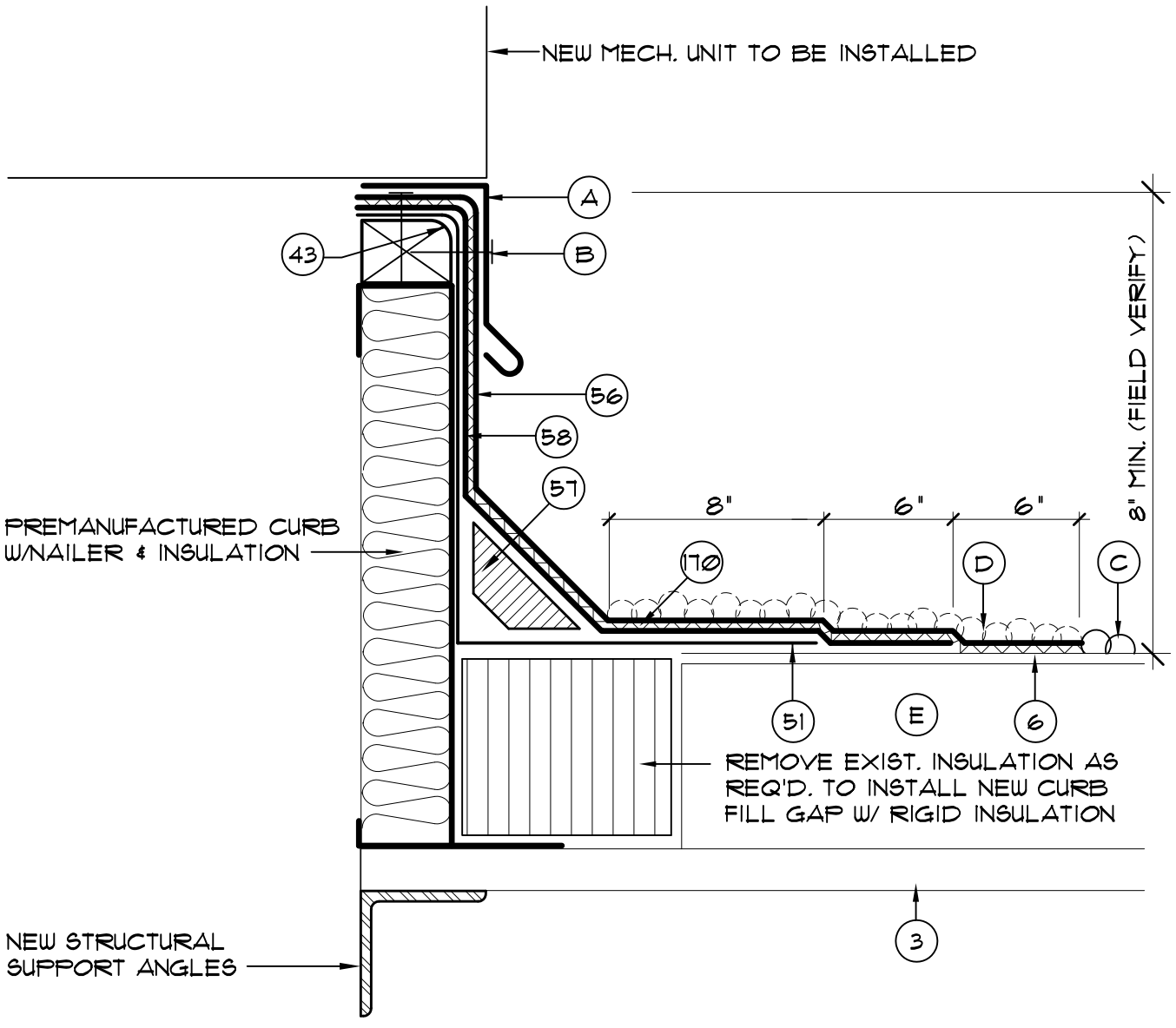


ACAD FILE # 15036-B503

DATE: ..

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 15036.00



PREMANUFACTURED CURB W/ NAILER & INSULATION

NEW MECH. UNIT TO BE INSTALLED

NEW STRUCTURAL SUPPORT ANGLE

REMOVE EXIST. INSULATION AS REQ'D. TO INSTALL NEW CURB FILL GAP W/ RIGID INSULATION

8" MIN. (FIELD VERIFY)

- 3. EXISTING DECK
- 6. EXIST. MEMBRANE TO REMAIN
- 43. ROUND OF THIS EDGE
- 51. DRY-IN MEMBRANE
- 56. MODIFIED BITUMEN FLASHING
- 57. NEW FIBER CANT
- 58. PLY FELT FLASHING
- 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.

- A. NEW 24. GA. ST. STL. FLASHING PAN AROUND CURB. SEE DET. (H.504)
- B. EXPOSED ST. STL. SCREWS @ 12" O.C. W/ NEOPRENE BAXKED ST. STL. WASHERS.
- C. SPUD BACK EXISTING GRAVEL AS REQUIRED TO INSTALL NEW FLASHING.
- D. RE-APPLY GRAVEL IN FLOOD COAT OF ASPHALT.
- E. EXISTING INSULATION



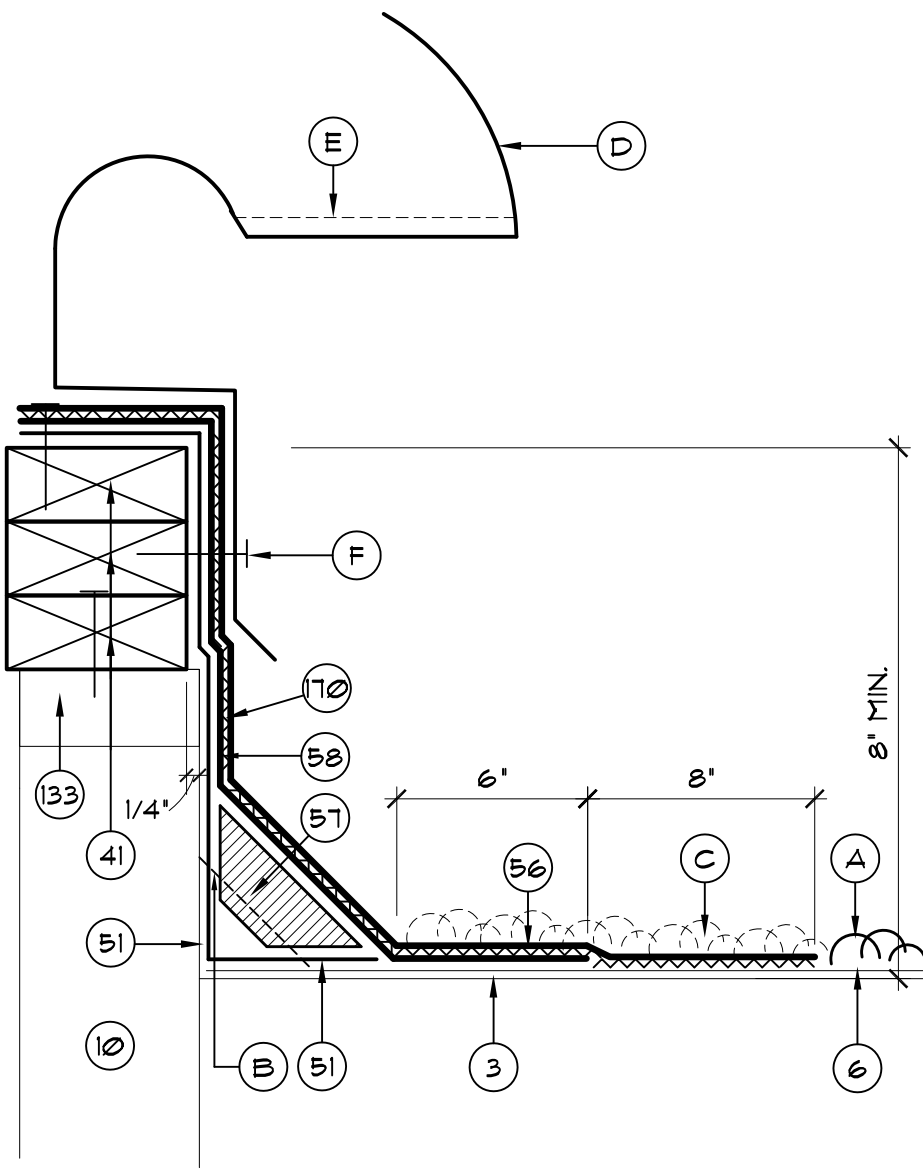
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TITLE NEW EQUIPMENT CURB FLASHING

SCALE N.T.S.





- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>3. EXISTING DECK</li> <li>6. EXISTING MEMBRANE TO REMAIN</li> <li>10. EXISTING CURB TO REMAIN</li> <li>41. 2 x 4 P.T. WOOD BLOCKING AS REQ'D. TO RAISE HEIGHT OF CURB TO BE FASTENED AT 12" O.C. (MAX.) AND COUNTERSINK FASTENER HEADS</li> <li>51. DRY-IN MEMBRANE</li> <li>56. MODIFIED BITUMEN FLASHING</li> <li>57. FIBER CANT</li> <li>58. PLY FELT FLASHING</li> <li>133. EXISTING WOOD BLOCKING TO REMAIN. REPLACE DETERIORATED WOOD BLOCKING.</li> </ul> | <ul style="list-style-type: none"> <li>170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.</li> <li>A. SPUD BACK EXISTING GRAVEL AS REQUIRED TO INSTALL NEW FLASHING. (WHERE OCCURS)</li> <li>B. REMOVE EXISTING WALL FLASHING AND CANT.</li> <li>C. RE-APPLY GRAVEL IN FLOOD COAT OF ASPHALT. (WHERE OCCURS)</li> <li>D. NEW METAL GOOSENECK SEE DET. (H.501)</li> <li>E. BUG SCREEN</li> <li>F. #14 ST. STL. SCREWS W/ METAL BACKED NEOPRENE WASHERS @ 8" O.C.</li> </ul> |
|---|--|

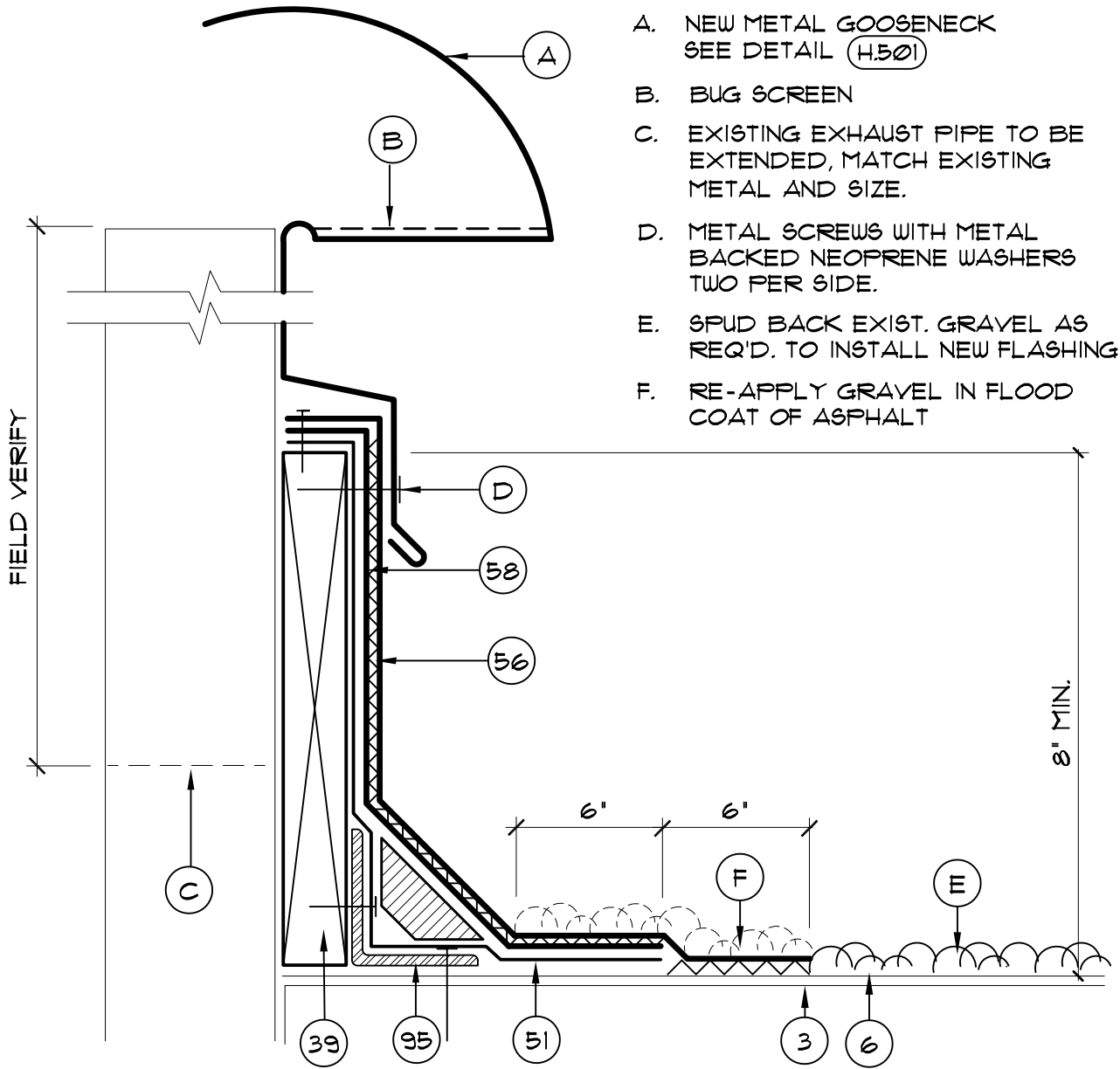


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TITLE RAISED GOOSENECK CURB FLASHING REPAIR

SCALE N.T.S.





- A. NEW METAL GOOSENECK SEE DETAIL (H.501)
- B. BUG SCREEN
- C. EXISTING EXHAUST PIPE TO BE EXTENDED, MATCH EXISTING METAL AND SIZE.
- D. METAL SCREWS WITH METAL BACKED NEOPRENE WASHERS TWO PER SIDE.
- E. SPUD BACK EXIST. GRAVEL AS REQ'D. TO INSTALL NEW FLASHING
- F. RE-APPLY GRAVEL IN FLOOD COAT OF ASPHALT

- 3. EXISTING DECK
- 6. EXISTING MEMBRANE
- 39. 2X WOOD BLOCKING SCREW FASTEN TO ANGLE AND DECK @ 6" O.C.
- 51. DRY-IN MEMBRANE
- 56. MODIFIED BITUMEN FLASHING
- 57. FIBER CANT
- 58. PLY FELT FLASHING
- 95. 3 x 3 x 3/16" x 12" LONG ANGLE ONE EACH SIDE BOLT TO 2 x WD. CURB AND DECK SUBSTRATE W/ TWO FASTENER EACH LEG - TYP.
- 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.



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TITLE NEW GOOSENECK CURB FLASHING

SCALE N.T.S.

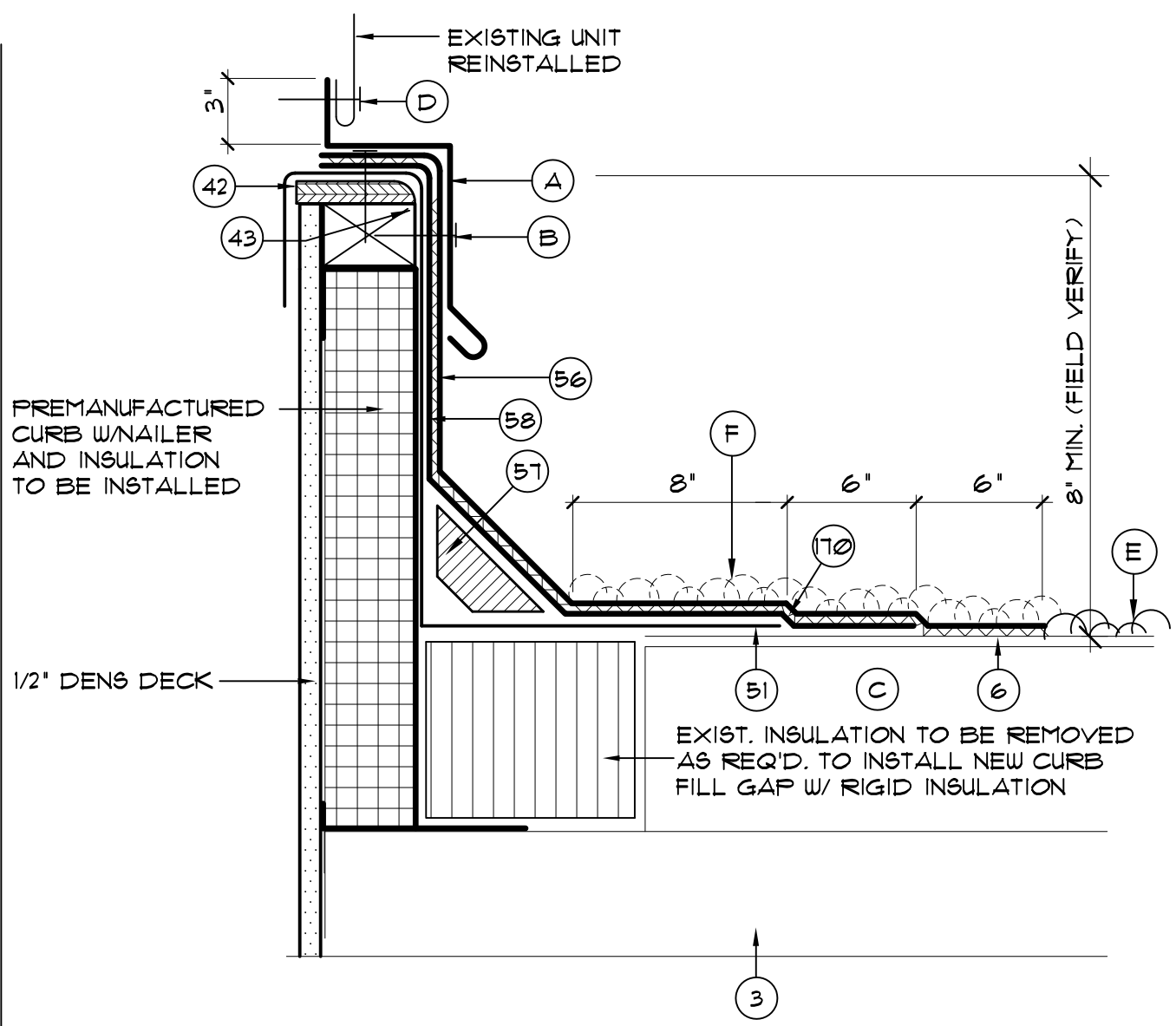


ACAD FILE # 15036-B506

DATE: ..

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 15036.00



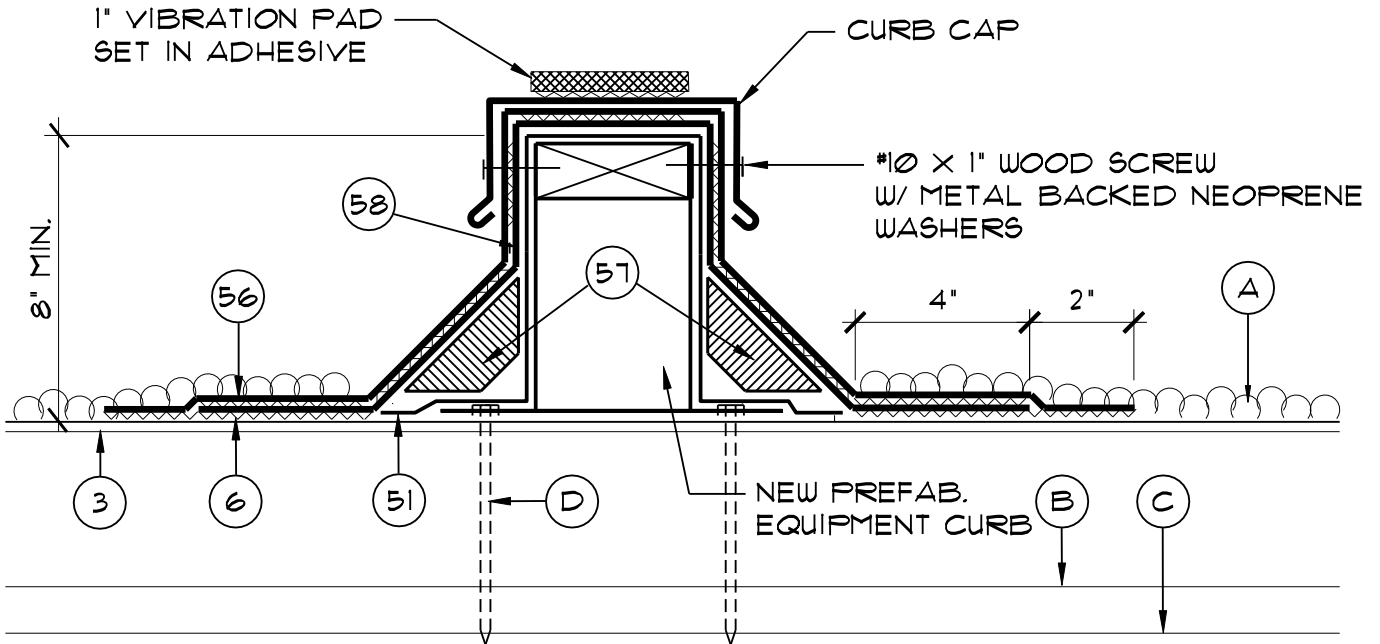
- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>3. EXISTING DECK</li> <li>6. EXISTING MEMBRANE TO REMAIN</li> <li>42. 5/8" PLYWOOD - SCREW FASTEN @ 8" O.C. (MAX.) TOP &amp; BOTTOM &amp; STAGGER - COUNTERSINK HEADS</li> <li>43. ROUND OFF THIS EDGE</li> <li>51. DRY-IN MEMBRANE</li> <li>56. MODIFIED BITUMEN FLASHING</li> <li>57. NEW FIBER CANT</li> <li>58. PLY FELT FLASHING</li> <li>170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.</li> </ul> | <ul style="list-style-type: none"> <li>A. NEW 24. GA. ST. STL. FLASHING PAN AROUND CURB.- SEE DETAIL (H.504)</li> <li>B. EXPOSED ST. STL. SCREWS @ 12" O.C. W/ NEOPRENE BAKED ST. STL. WASHERS.</li> <li>C. EXISTING INSULATION</li> <li>D. ST. STL. SCREWS W/ METAL BACKED NEOPRENE WASHERS</li> <li>E. SPUD BACK EXIST. GRAVEL AS REQ'D. TO INSTALL NEW FLASHING</li> <li>F. RE-APPLY GRAVEL IN FLOOD COAT OF ASPHALT</li> </ul> |
|---|--|



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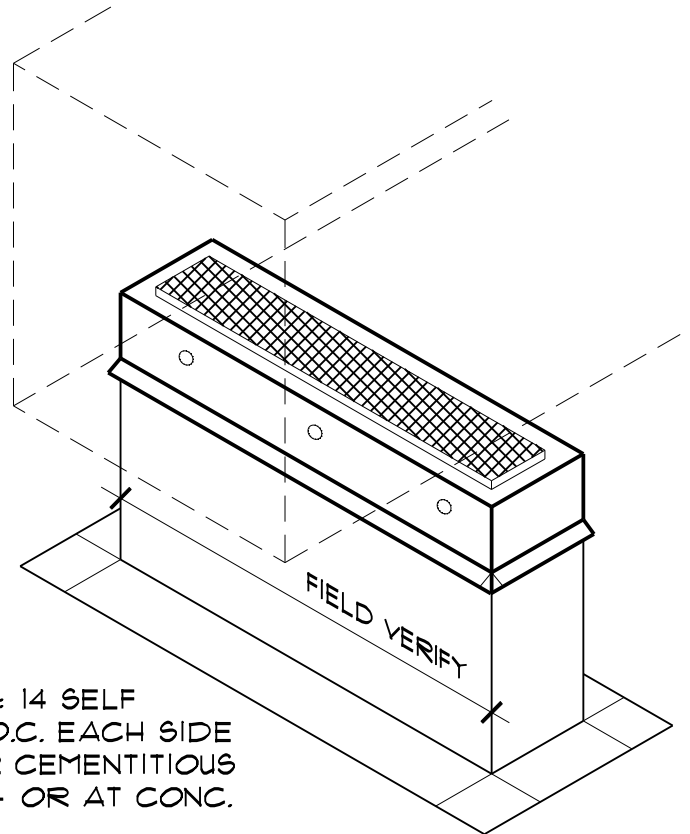
TITLE NEW EQUIPMENT CURB FLASHING  
SCALE 3" = 1'-0"





- 3. EXISTING DECK
- 6. EXIST. MEMBRANE TO REMAIN
- 51. DRY-IN MEMBRANE
- 56. MODIFIED BITUMEN FLASHING
- 57. FIBER CANT
- 58. PLY FELT FLASHING

- A. SPUD BACK EXIST. GRAVEL AS REQ'D.- REAPPLY IN FLOOD COAT OF ASPHALT
- B. EXIST. METAL DECK
- C. TOP CHORD OF BAR JOIST
- D. ANCHOR CURB TO EXISTING DECK W/ NO. 14 SELF DRILLING, SELF-TAPPING SCREWS @ 12" O.C. EACH SIDE OF FLANGE OR AT EXISTING GYPSUM OR CEMENTITIOUS DECK INTO TOP FLANGE OF BAR JOIST - OR AT CONC. DECK USE 1/4" TAPCONS @ 12" O.C.



NOTE: PRIME SURFACES AS REQUIRED BY THE MANUFACTURER



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TITLE **PREFABRICATED  
 EQUIPMENT SUPPORT**

SCALE **N.T.S.**





NEW ST. STL. METAL INSULATED DOUBLE-WALL FLUE STACK W/ METAL COVER & RAIN GUARD-CONNECT BELOW DECK. INTER FLUE TO MATCH EXIST. HOT STACK BREECH METAL TYPE. FIELD VERIFY METAL TYPE.

CONT. WELD NEW ST. STL. TRANSITION HOOP SQUARE TO ROUND TO EXIST. FLUE STACK

NEW 18 GA. ST. STL. CURB MOUNTING FLANGE SEE DETAIL BELOW FOR FABRICATION

NEW 1/4"x2 1/2" COATED SCREWS @12" O.C. (2 FASTNERS PER SIDE MIN.)

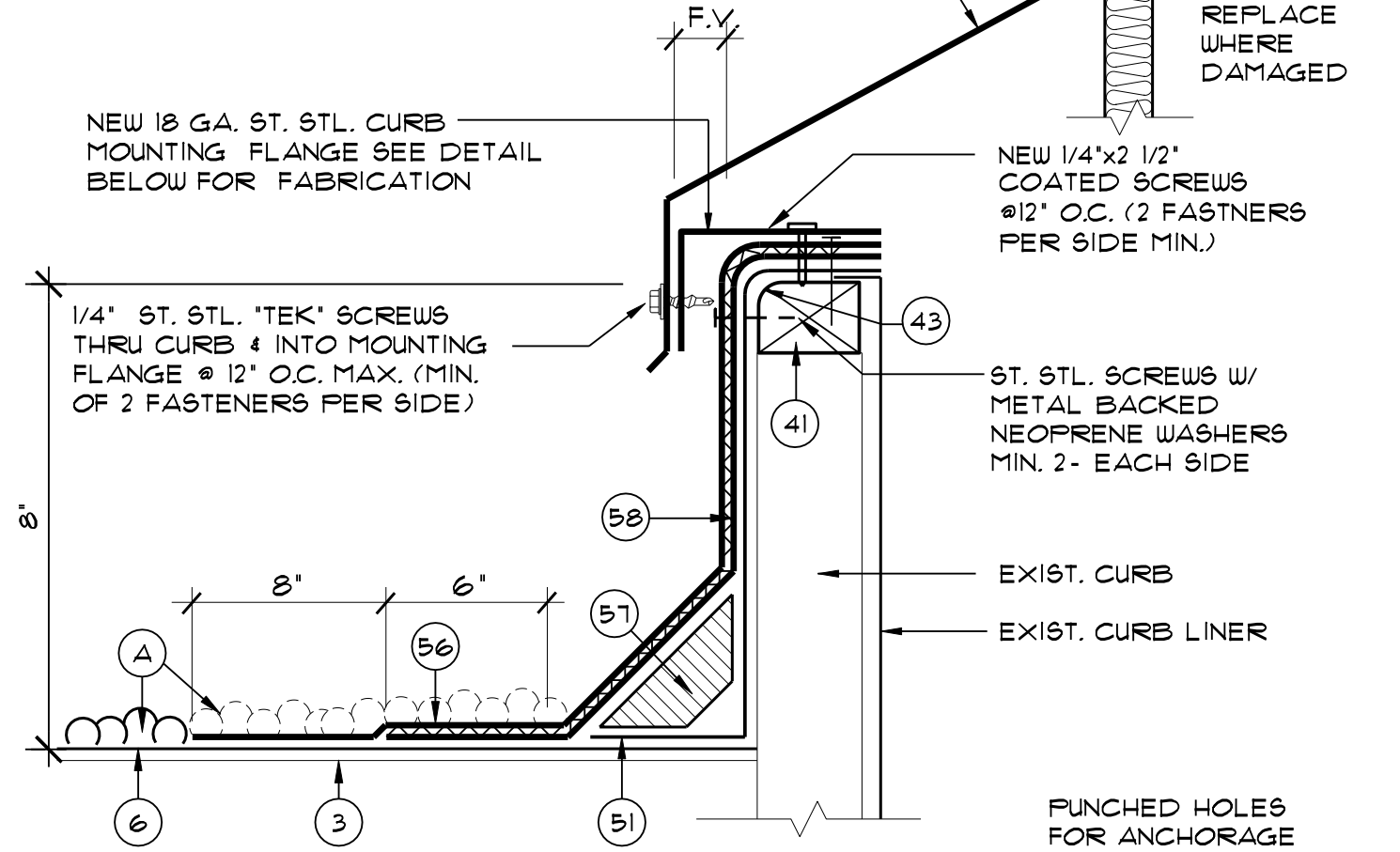
1/4" ST. STL. "TEK" SCREWS THRU CURB & INTO MOUNTING FLANGE @ 12" O.C. MAX. (MIN. OF 2 FASTNERS PER SIDE)

ST. STL. SCREWS W/ METAL BACKED NEOPRENE WASHERS MIN. 2- EACH SIDE

EXIST. CURB

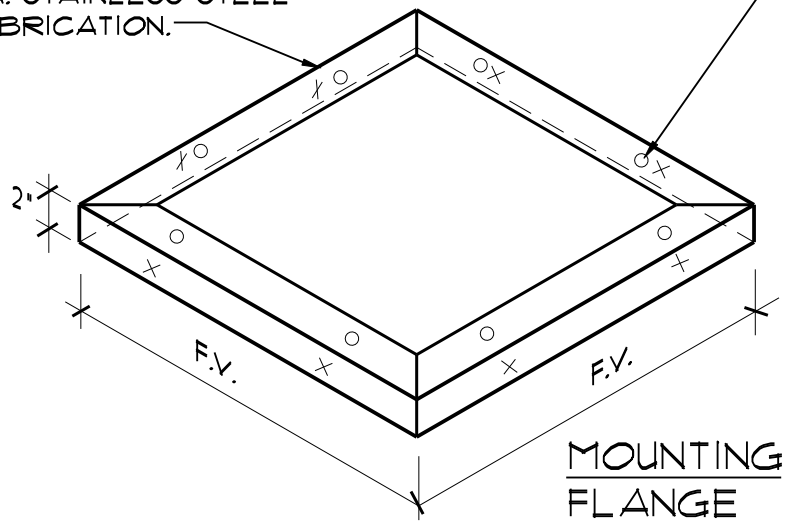
EXIST. CURB LINER

PUNCHED HOLES FOR ANCHORAGE TO CURB @ 12" O.C.-MIN. 2 PER SIDE



- 3. EXISTING DECK
- 6. EXISTING MEMBRANE TO REMAIN
- 41. 2 x P.T. WOOD BLOCKING AS REQ'D. TO BE FASTENED AT 12" O.C. (MAX.)
- 43. ROUND OFF THIS EDGE
- 51. DRY-IN MEMBRANE
- 56. MOD. BIT. FLASHING
- 57. NEW FIBER CANT
- 58. FLY FELT FLASHING
- A. SPUD BACK EXISTING GRAVEL AS REQUIRED TO INSTALL NEW FLASHING - REAPPLY IN FLOOD COAT OF ASPHALT

WELDED ONE PIECE 18 GA. STAINLESS STEEL FABRICATION.



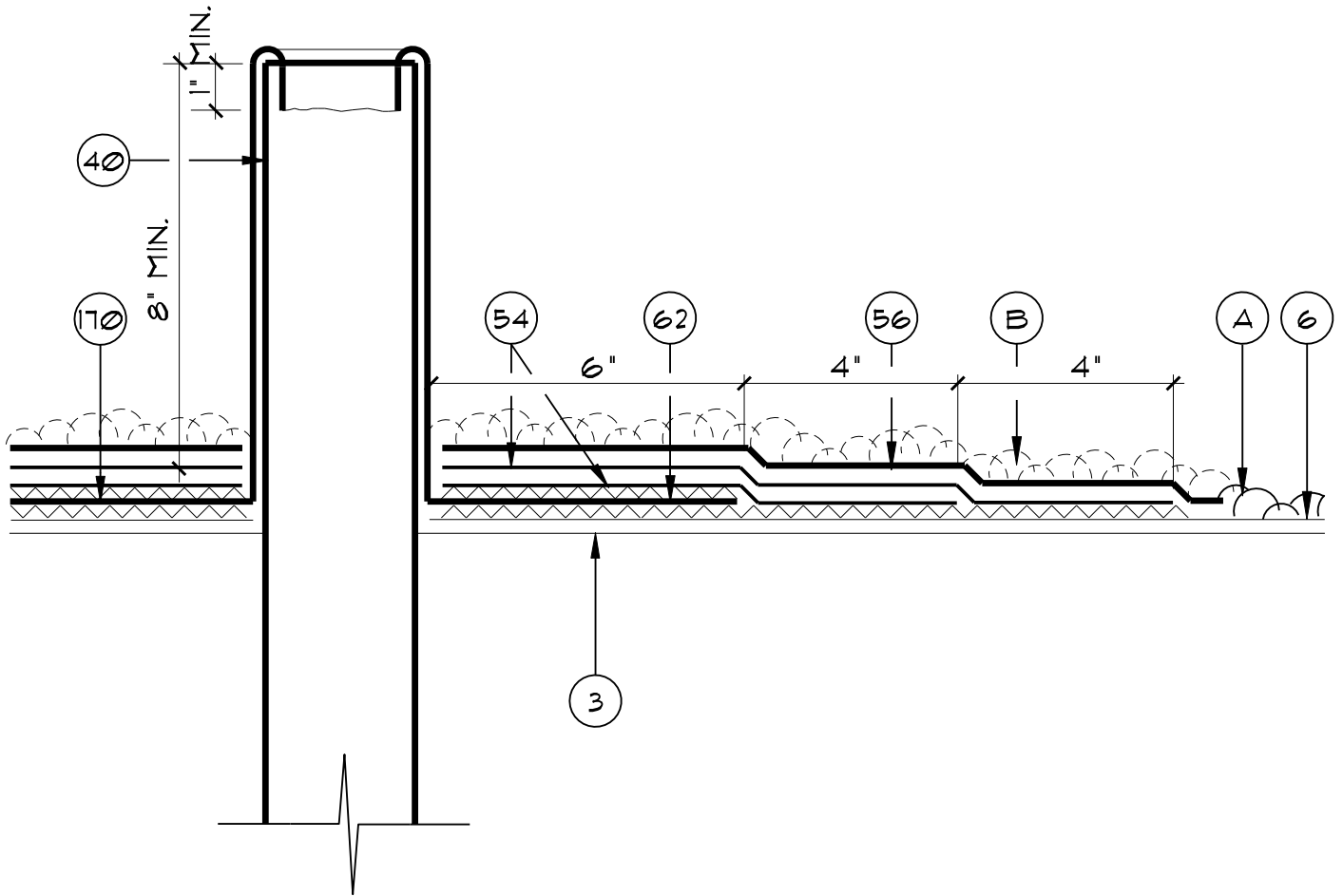
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TITLE MECHANICAL CURB REPAIR AT HOT STACK

SCALE 3"=1'-0"





- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>3. EXIST. DECK</li> <li>6. EXISTING MEMBRANE TO REMAIN</li> <li>40. EXIST. VENT STACK EXTENSION</li> <li>54. STRIP-IN FLASHING</li> <li>56. MODIFIED BITUMEN CAP SHEET</li> <li>62. NEW PREFABRICATED LEAD BOOT FLASHING</li> </ul> | <ul style="list-style-type: none"> <li>170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.</li> <li>A. SPUD BACK EXISTING GRAVEL AS REQUIRED TO INSTALL NEW FLASHING. (WHERE OCCURS)</li> <li>B. RE-APPLY GRAVEL IN FLOOD COAT OF ASPHALT. (WHERE OCCURS)</li> </ul> |
|--|---|



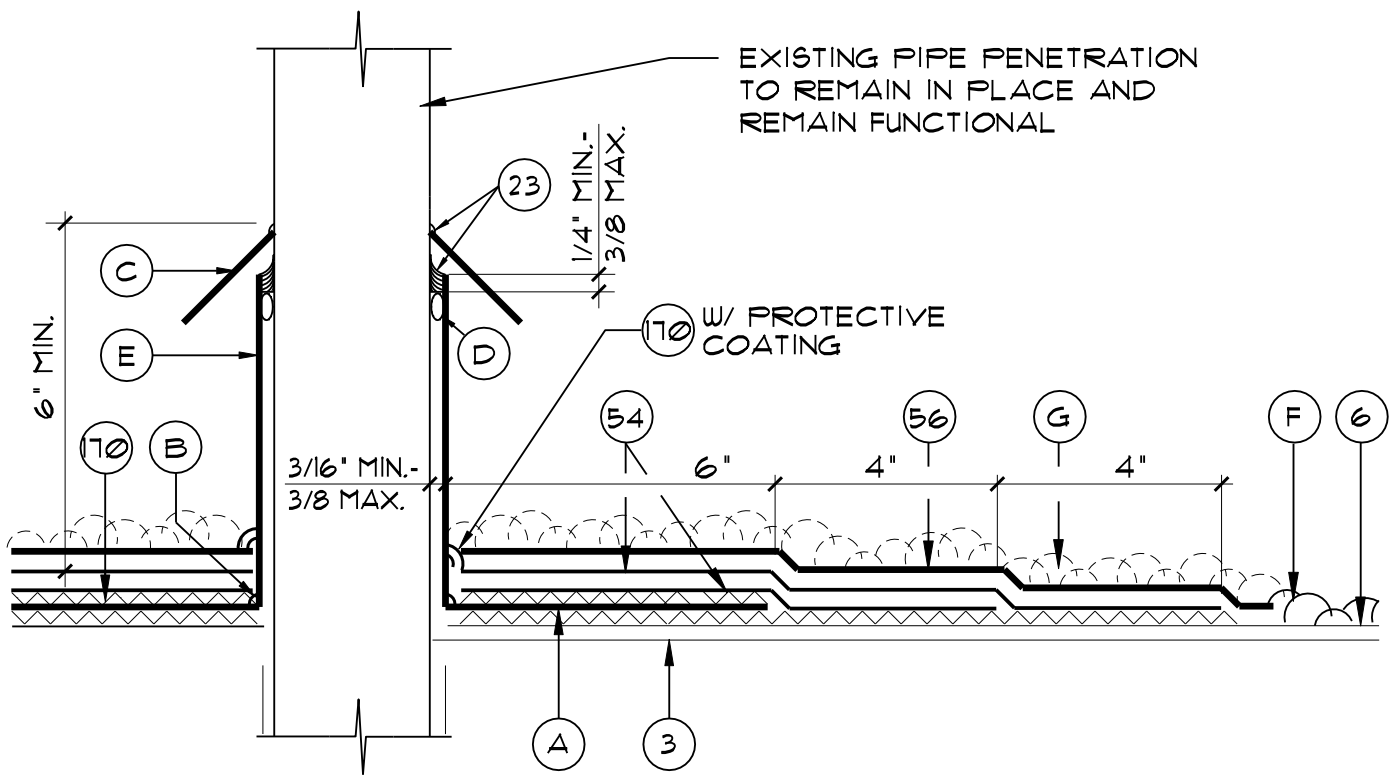
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TITLE VENT PIPE FLASHING  
 REPAIR AT B.U.R. W/ GRAVEL

SCALE 3" = 1'-0"





- |      |   |    |  |
|------|---|----|--|
| 3.   | EXISTING DECK   | A. | METAL FLANGE   |
| 6.   | EXISTING MEMBRANE TO REMAIN                                   | B. | PRESOLDERED SEAM   |
| 40.  | EXISTING VENT STACK EXTENSION                                 | C. | METAL SEALANT COVER - FRICTION FIT IN FIELD  |
| 54.  | STRIP-IN FLASHING   | D. | BACKER ROD   |
| 56.  | MODIFIED BITUMEN FLASHING                                     | E. | S.B.C. INDUSTRIES, MODEL P/D OR C/D SERIES 24 GA. S/S PIPE FLASHING OR APPROVED EQUAL (TWO-PIECE SPLIT FLASHING SYSTEM-FIELD SOLDER ALL SEAMS) |
| 170. | APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE. | F. | SPUD BACK EXISTING GRAVEL AS REQUIRED TO INSTALL NEW FLASHING. (WHERE OCCURS)  |
|      |   | G. | RE-APPLY GRAVEL IN FLOOD COAT OF ASPHALT. (WHERE OCCURS)   |

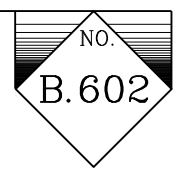


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TITLE EXISTING PIPE/CONDUIT WITH TWO-PIECE FLASHING

SCALE 3' = 1'-0"

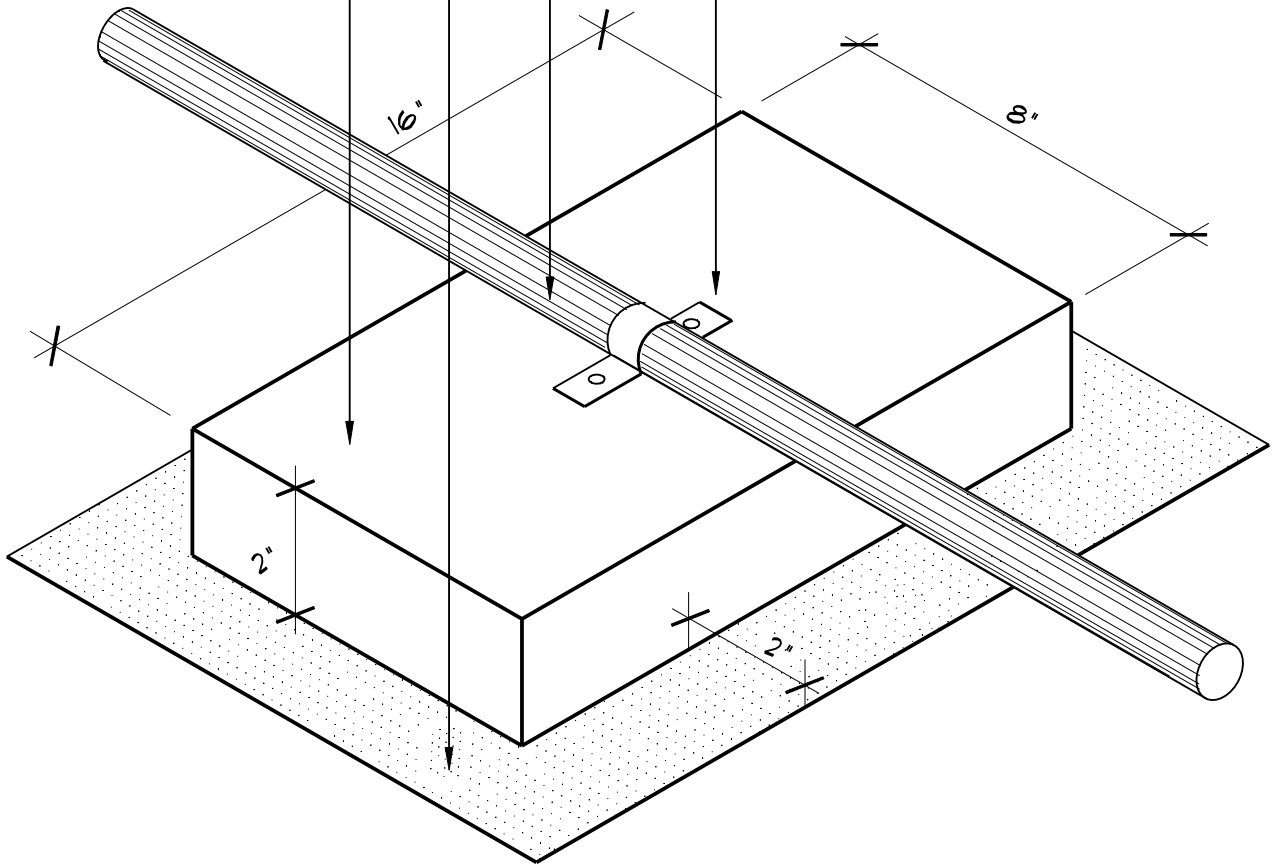


1" ST. STEEL  
METAL CLAMP

NEW CONDUIT OR  
CONDENSATE LINE

ADDITIONAL LAYER  
OF MEMBRANE

NEW PAVER BLOCKS @  
6'-0" O.C.



NOTE: INSTALL UNDER CONDUIT OR CONDENSATE LINES WHERE THEY OCCUR. SEE ROOF PLANS FOR LOCATIONS OF LINES. RAISE ALL SUCH LINES UP ON NEW PAVERS AS SHOWN.

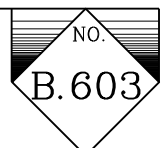


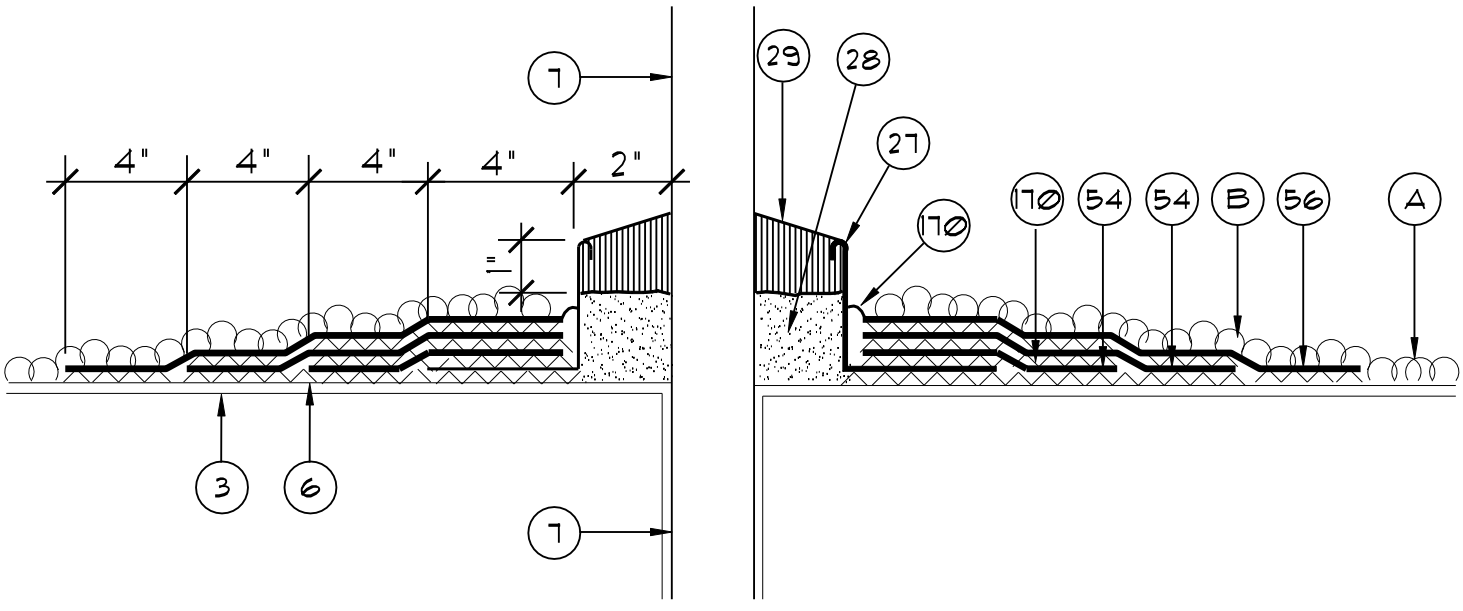
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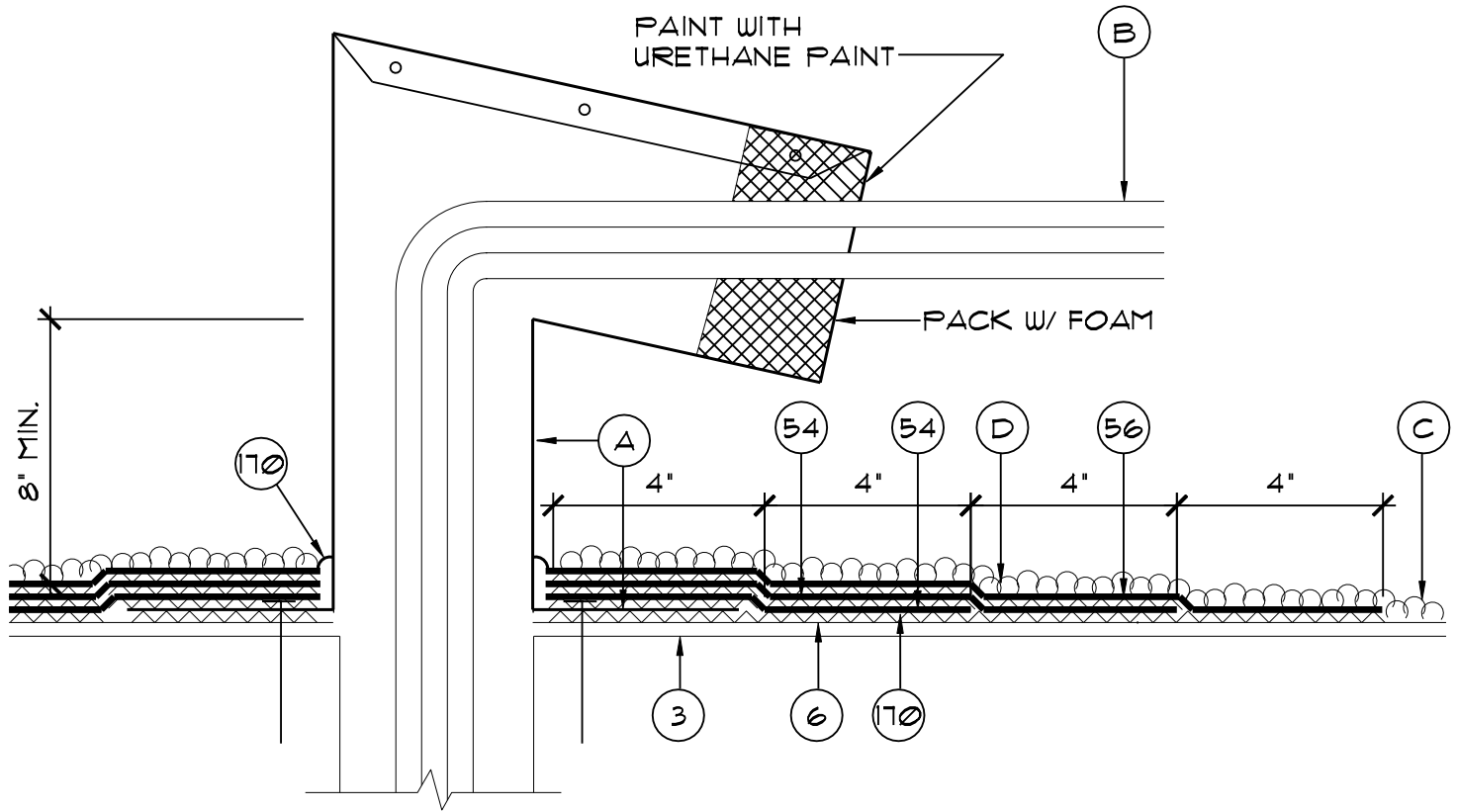
TITLE CONCRETE  
PAVER BLOCK

SCALE 3" = 1'-0"





- |  |  |
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| <ul style="list-style-type: none"> <li>3. EXISTING DECK</li> <li>6. EXISTING MEMBRANE TO REMAIN</li> <li>7. EXISTING PENETRATION</li> <li>27. PITCH PAN - SEE DETAIL (1601)</li> <li>28. NON-SHRINK GROUT</li> </ul> | <ul style="list-style-type: none"> <li>29. POURABLE SEALANT</li> <li>54. STRIP-IN FLASHING</li> <li>56. MODIFIED BITUMEN FLASHING</li> <li>170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.</li> </ul> |
|--|--|
- 
- |   |
|---|
| <ul style="list-style-type: none"> <li>A. SPUD BACK EXISTING GRAVEL AS REQUIRED TO INSTALL NEW FLASHING. (WHERE OCCURS)</li> <li>B. RE-APPLY GRAVEL IN FLOOD COAT OF ASPHALT. (WHERE OCCURS)</li> </ul> |
|---|



- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>3. EXISTING DECK</li> <li>6. EXISTING MEMBRANE TO REMAIN</li> <li>54. STRIP-IN FLASHING</li> <li>56. MODIFIED BITUMEN FLASHING</li> <li>170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.</li> </ul> | <ul style="list-style-type: none"> <li>A. NEW GOOSENECK VENT SEE DETAIL (1.602)</li> <li>B. EXISTING CONDUIT OR PIPES</li> <li>C. SPUD BACK EXISTING GRAVEL AS REQUIRED TO INSTALL NEW FLASHING. (WHERE OCCURS)</li> <li>D. RE-APPLY GRAVEL IN FLOOD COAT OF ASPHALT. (WHERE OCCURS)</li> </ul> |
|--|---|



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TITLE SMALL CABLE GOOSENECK FLASHING

SCALE N.T.S.



NEW ST. STL. METAL INSULATED DOUBLE-WALL FLUE STACK W/ METAL COVER & RAIN GUARD-CONNECT BELOW DECK. INTER FLUE TO MATCH EXIST. HOT STACK BREECH METAL TYPE. FIELD VERIFY METAL TYPE.

CONT. WELD NEW ST. STL. TRANSITION HOOP SQUARE TO ROUND TO EXIST. FLUE STACK

NEW 18 GA. ST. STL. CURB MOUNTING FLANGE SEE DETAIL BELOW FOR FABRICATION

NEW 1/4"x2 1/2" COATED SCREWS @12" O.C. (2 FASTNERS PER SIDE MIN.)

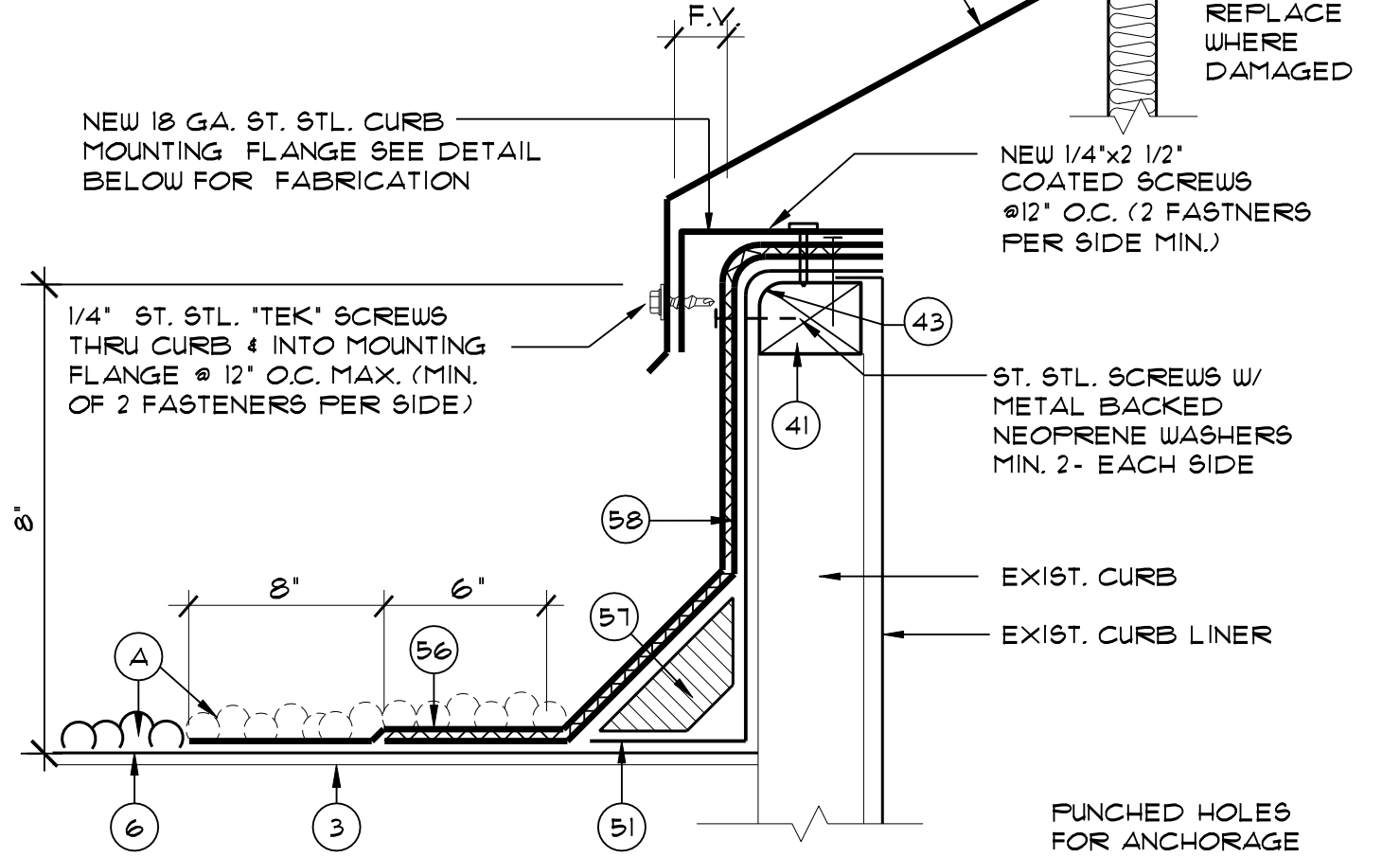
1/4" ST. STL. "TEK" SCREWS THRU CURB & INTO MOUNTING FLANGE @ 12" O.C. MAX. (MIN. OF 2 FASTNERS PER SIDE)

ST. STL. SCREWS W/ METAL BACKED NEOPRENE WASHERS MIN. 2- EACH SIDE

EXIST. CURB

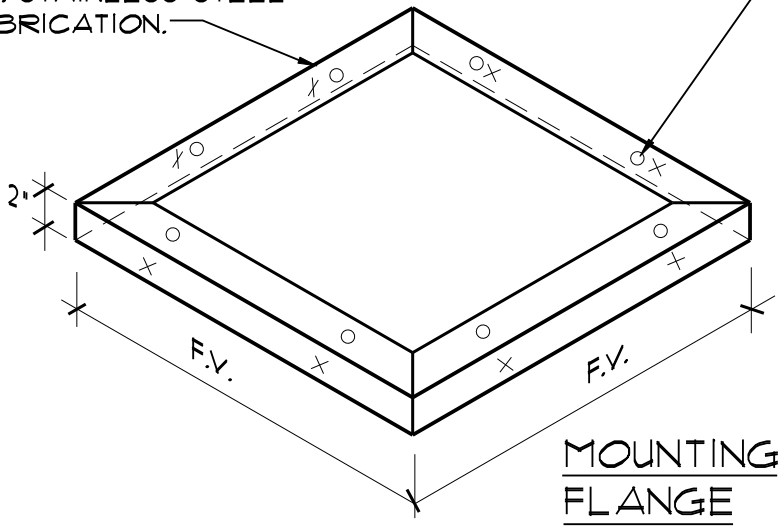
EXIST. CURB LINER

PUNCHED HOLES FOR ANCHORAGE TO CURB @ 12" O.C.-MIN. 2 PER SIDE



- 3. EXISTING DECK
- 6. EXISTING MEMBRANE TO REMAIN
- 41. 2 x P.T. WOOD BLOCKING AS REQ'D. TO BE FASTENED AT 12" O.C. (MAX.)
- 43. ROUND OFF THIS EDGE
- 51. DRY-IN MEMBRANE
- 56. MOD. BIT. FLASHING
- 57. NEW FIBER CANT
- 58. FLY FELT FLASHING
- A. SPUD BACK EXISTING GRAVEL AS REQUIRED TO INSTALL NEW FLASHING - REAPPLY IN FLOOD COAT OF ASPHALT

WELDED ONE PIECE 18 GA. STAINLESS STEEL FABRICATION.

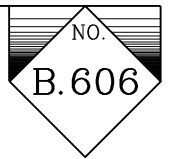


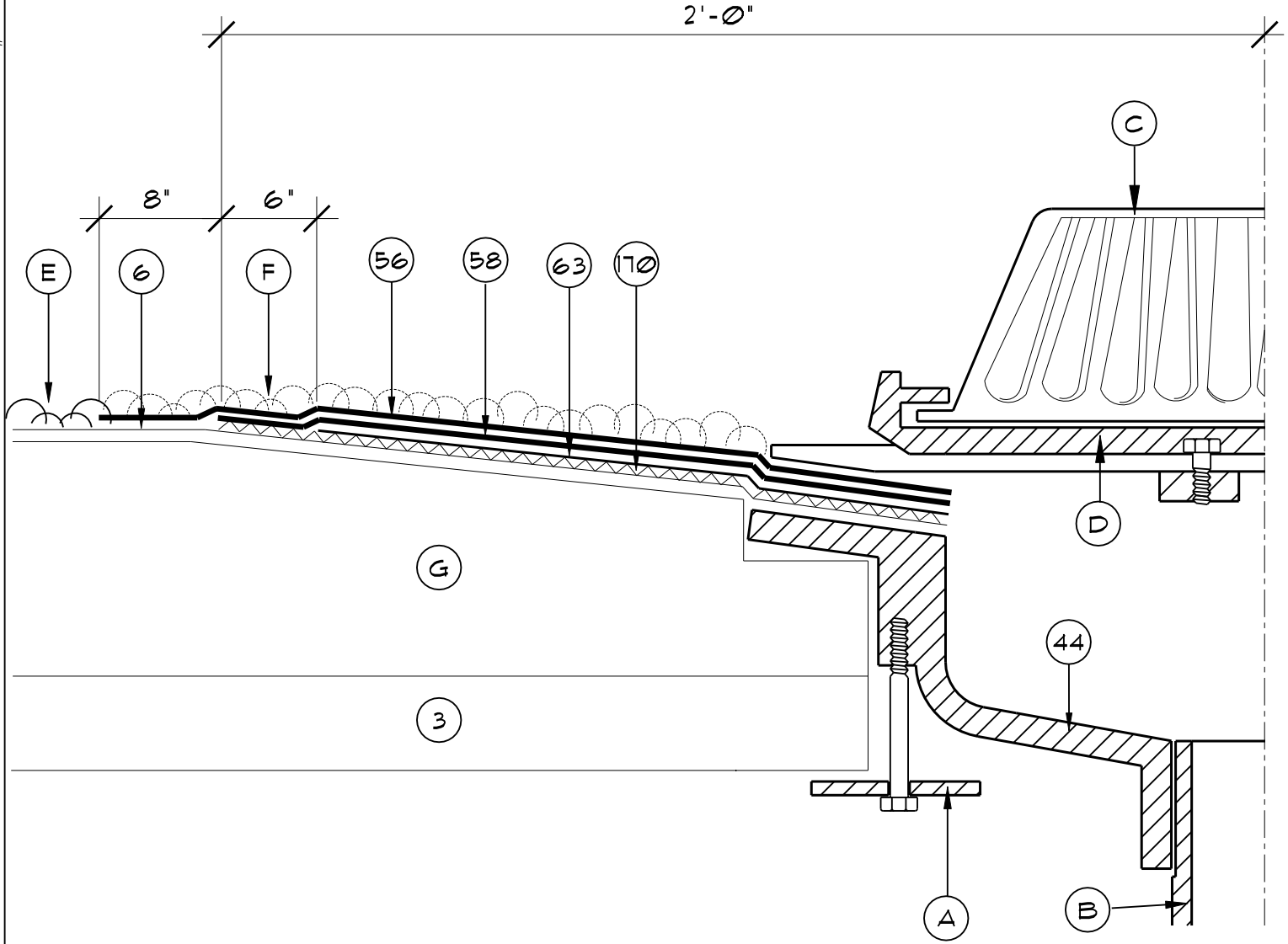
MOUNTING FLANGE



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TITLE MECHANICAL CURB REPAIR AT HOT STACK  
SCALE 3"=1'-0"





- 3. EXISTING DECK
- 6. EXISTING MEMBRANE TO REMAIN
- 44. NEW ROOF DRAIN
- 56. MODIFIED BITUMEN FLASHING
- 58. PLY FELT FLASHING
- 63. NEW LEAD FLASHING 36" SQUARE
- 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.

- A. UNDER DECK CLAMP
- B. DRAIN PIPE
- C. STRAINER
- D. CLAMPING RING
- E. SPUD BACK EXISTING GRAVEL AS REQUIRED TO INSTALL NEW FLASHING. (WHERE OCCURS)
- F. RE-APPLY GRAVEL IN FLOOD COAT OF ASPHALT. (WHERE OCCURS)
- G. EXISTING INSULATION



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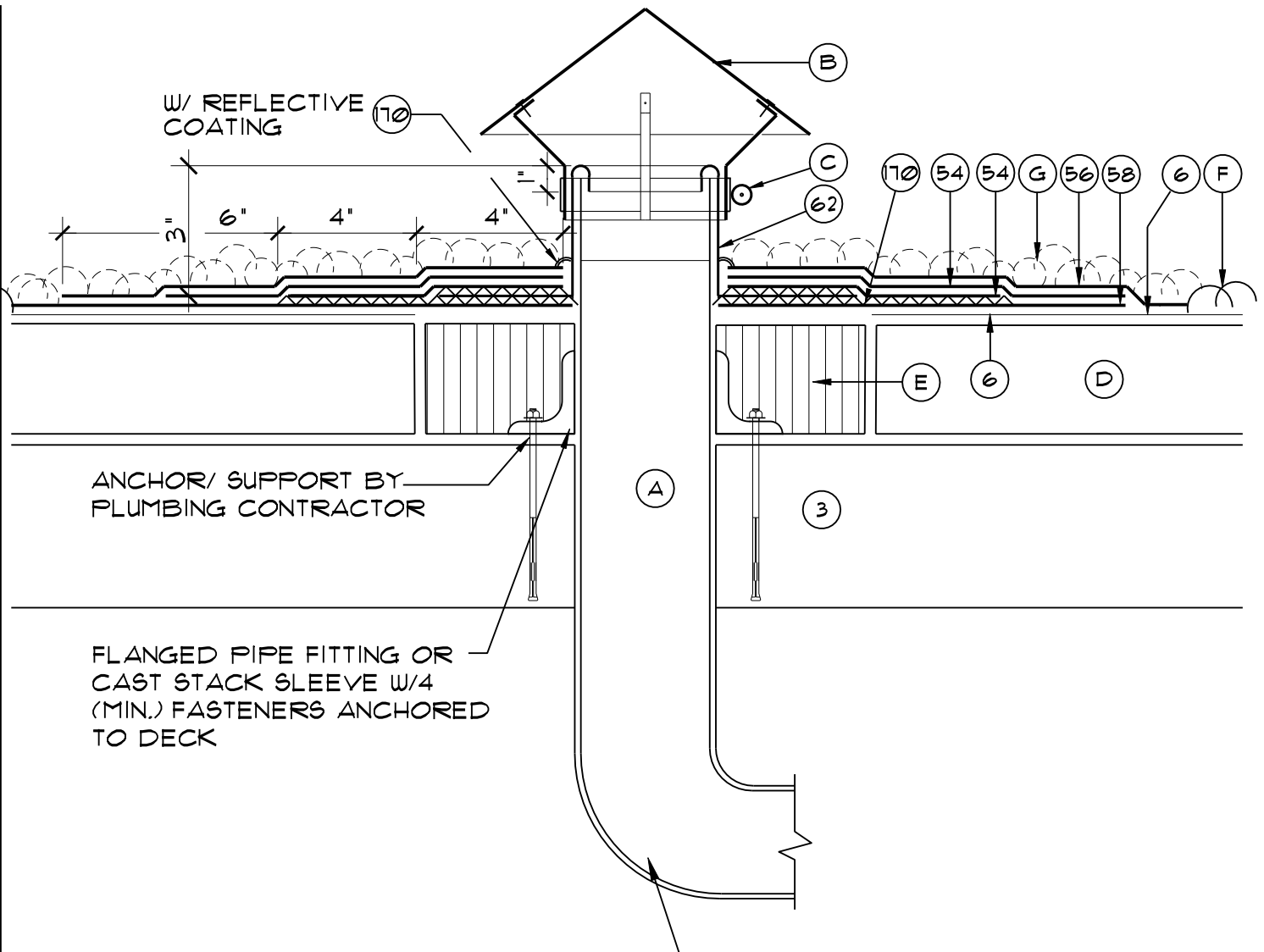
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TITLE ROOF DRAIN FLASHING REPAIR

SCALE 3" = 1'-0"







ANCHOR/ SUPPORT BY PLUMBING CONTRACTOR

FLANGED PIPE FITTING OR CAST STACK SLEEVE W/4 (MIN.) FASTENERS ANCHORED TO DECK

NEW PIPING IN THE EXIST. CEILING PLENUM - FIELD VERIFY EXACT ROUTE AND ELEVATION. (SEE DETAIL (B.703) FOR DRAIN OUTLET)

- 3. EXISTING DECK
- 6. EXISTING MEMBRANE TO REMAIN
- 54. STRIP-IN FLASHING
- 56. MODIFIED BITUMEN FLASHING
- 58. PLY FELT FLASHING
- 62. LEAD BOOT
- 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.

- A. OVERFLOW ROOF DRAIN PIPE
- B. CHINA CAP W / 4 SUPPORT STRAPS
- C. ST. STL. DRAW BAND
- D. EXISTING INSULATION
- E. REMOVE EXISTING INSULATION AS REQ'D. TO INSTALL NEW BLK'G. FILL W/ RIGID INSUL.
- F. SPUD BACK EXISTING GRAVEL AS REQUIRED TO INSTALL NEW FLASHING. (WHERE OCCURS)
- G. RE-APPLY GRAVEL IN FLOOD COAT OF ASPHALT. (WHERE OCCURS)



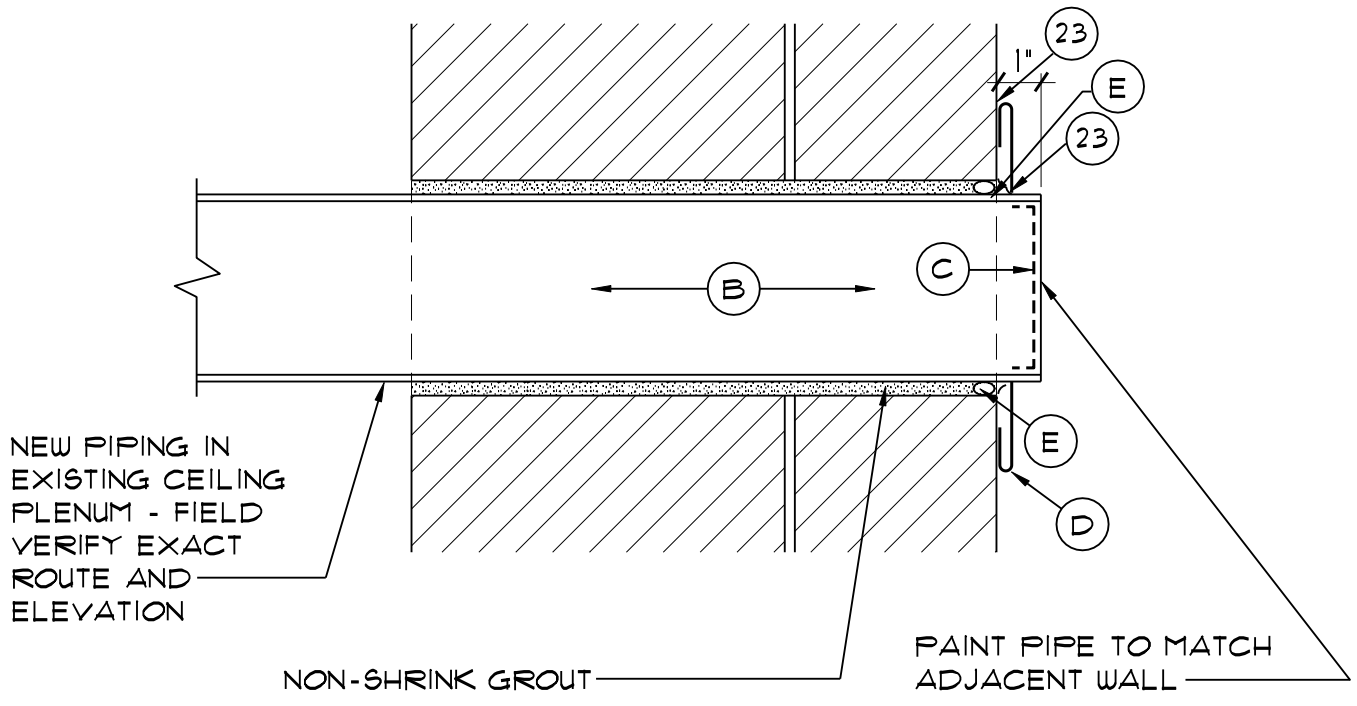
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TITLE NEW EMERGENCY OVERFLOW DRAIN FLASHING

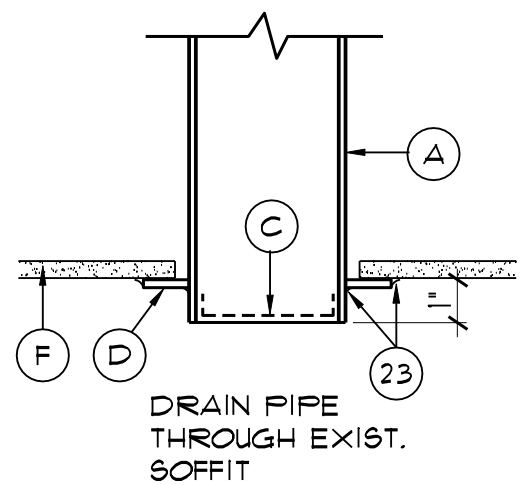
SCALE 3" = 1'-0"





HORIZONTAL WALL OUTLET

- 23. SEALANT
- A. OVERFLOW ROOF DRAIN PIPE
- B. CORE DRILL EXISTING STRUCTURE, PIPE SIZE + 1"
- C. FOLD INSECT/BIRD SCREEN & INSERT INTO PIPE END
- D. 22 GA. ST. STL. ESCUTCHEON PLATE W/ HEMMED EDGE
- E. BACKER ROD
- F. EXISTING SOFFIT



VERTICAL WALL OUTLET



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TITLE OVERFLOW DRAIN  
 OUTLET  
SCALE N.T.S.



MULTIPLE-PLY MEMBRANE STRIPPING PLIES

GRAVEL

COAL TAR BITUMEN : 1' X4' HIGH, 5T. 5TL PITCH DAM/ GRAVEL - STOP- 36" SQUARE MIN. SET IN ROOF CEMENT.

DRAIN STRAINER

CLAMPING RING

MULTIPLE-PLY MEMBRANE STRIPPING PLIES

30" SQUARE MIN. LEAD OR COPPER (SEE SPECS.) FLASHING SET ON FINISHED ROOF IN ROOF CEMENT, PRIME TOP SURFACE BEFORE STRIPPING

EXIST. MULTIPLE-PLY BUILT-UP ROOF MEMBRANE

EXIST. INSULATION

EXIST. DECK

MEMBRANE FIELD PLIES, METAL FLASHING, AND STRIPPING PLIES ALL EXTEND UNDER CLAMPING RING

2"X2"X3/16" SUPPORT ANGLES ON BOTH SIDES OF DRAIN. SECURE TO ROOF TRUSSES AND DRAINS

EXIST. INSULATION  
EXISTING DECK

CLAMPING RING

DECK CLAMP

DRAIN BOWL

NOTES

- 1. GRAVEL SURFACING IS NOT SHOWN FOR CLARITY
- 2. SEE SPEC. SECTION 15430 FOR NEW DRAINS AND COMPONENTS



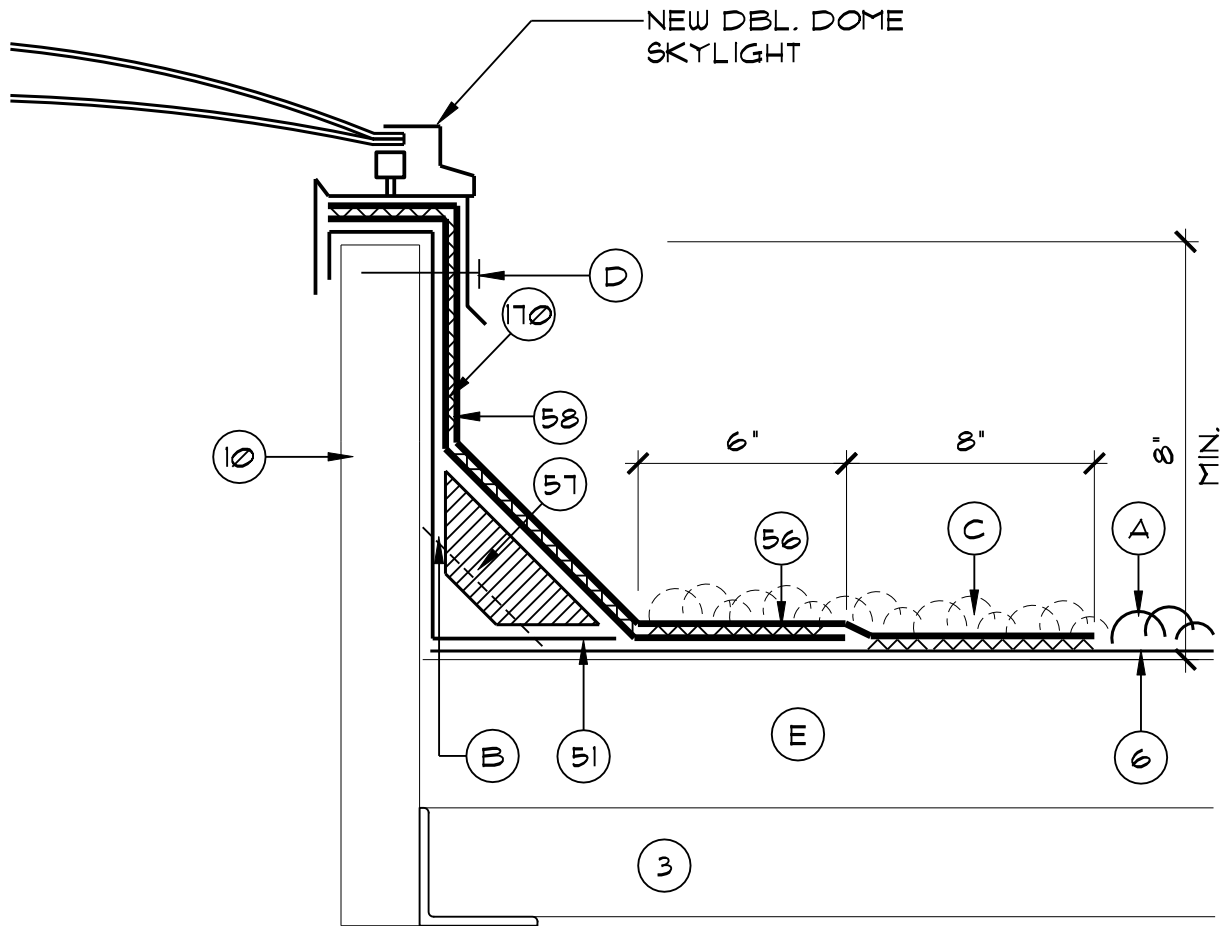
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TITLE **COAL TAR ROOF DRAIN FLASHING REPAIR**

SCALE **3" = 1'-0"**





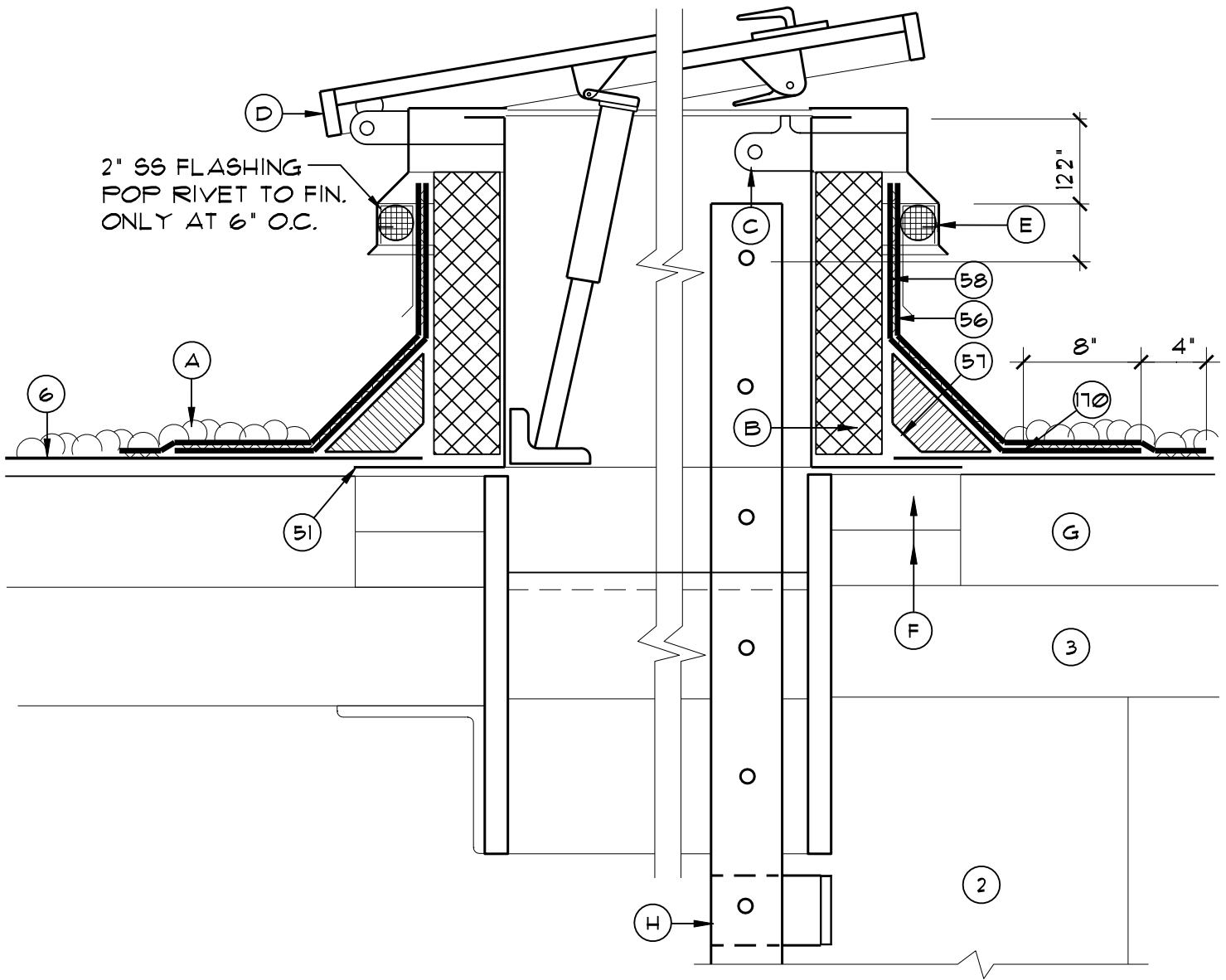
- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>3. EXISTING DECK</li> <li>6. EXISTING MEMBRANE TO REMAIN</li> <li>9. EXISTING MECH. EQUIPMENT REMOVE AND REINSTALL</li> <li>10. EXISTING CURB TO REMAIN</li> <li>51. DRY-IN MEMBRANE</li> <li>56. MODIFIED BITUMEN FLASHING</li> <li>57. NEW FIBER CANT</li> <li>58. PLY FELT FLASHING</li> <li>170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.</li> </ul> | <ul style="list-style-type: none"> <li>A. SPUD BACK EXISTING GRAVEL AS REQUIRED TO INSTALL NEW FLASHING.</li> <li>B. REMOVE EXISTING WALL FLASHING AND CANT.</li> <li>C. RE-APPLY GRAVEL IN FLOOD COAT OF ASPHALT.</li> <li>D. NEW ST. STL. SCREWS W/ METAL BACKED NEOPRENE WASHERS (MIN. 2 EACH SIDE)</li> <li>E. EXISTING INSULATION</li> </ul> |
|--|---|



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TITLE SKYLIGHT REPAIR DETAIL  
  
SCALE N.T.S.





2" SS FLASHING  
POP RIVET TO FIN.  
ONLY AT 6" O.C.

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>2. EXIST. WALL</li> <li>3. EXISTING DECK</li> <li>6. EXISTING MEMBRANE</li> <li>51. DRY-IN MEMBRANE</li> <li>56. MODIFIED BITUMEN FLASHING</li> <li>57. FIBER CANT</li> <li>58. PLY-FELT FLASHING</li> <li>170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.</li> </ul> | <ul style="list-style-type: none"> <li>A. SPUD BACK EXIST. GRAVEL AND RE-APPLY IN FLOOD COAT OF ASPHALT</li> <li>B. NEW 1" FIBERBOARD INSUL. ALL AROUND OUTSIDE OF CURB</li> <li>C. EXIST. PADLOCK</li> <li>D. EXIST. ROOF HATCH. PRIME, &amp; TWO FINISHED COATS OF PAINT.</li> <li>E. EXIST. INTEGRAL CAP FLASHING W/ BILCLIP, BACKER ROD &amp; SEALANT</li> <li>F. EXIST. WOOD NAILERS</li> <li>G. EXISTING INSULATION</li> </ul> |
|---|--|



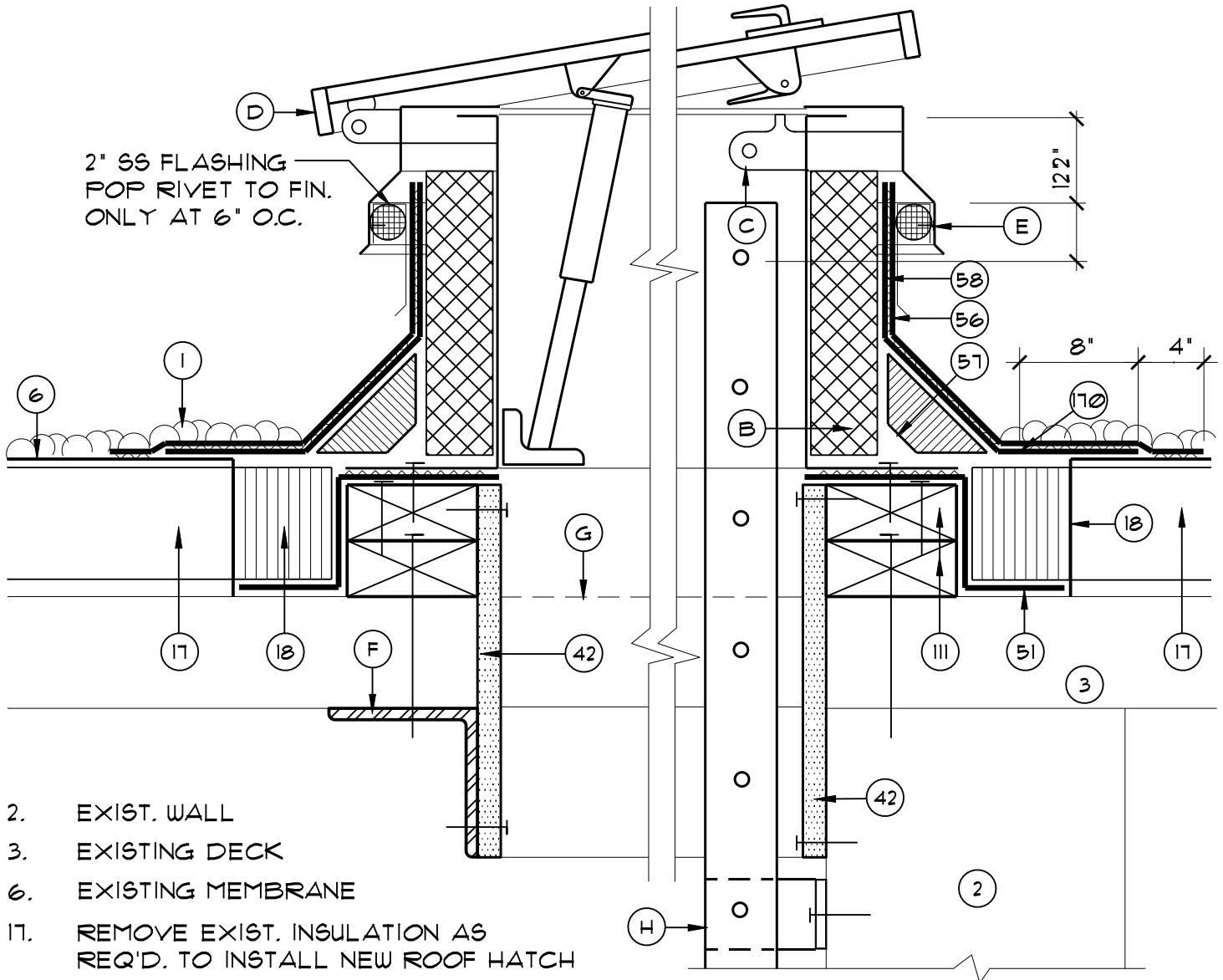
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TITLE **ROOF HATCH REPAIR  
DETAIL**

SCALE **3" = 1'-0"**





2" SS FLASHING  
POP RIVET TO FIN.  
ONLY AT 6" O.C.

- 2. EXIST. WALL
- 3. EXISTING DECK
- 6. EXISTING MEMBRANE
- 17. REMOVE EXIST. INSULATION AS REQ'D. TO INSTALL NEW ROOF HATCH
- 18. NEW RIGID INSULATION AS REQUIRED
- 42. 5/8" TYPE X GYPSUM BOARD PAINT TO MATCH EXISTING
- 51. DRY-IN MEMBRANE
- 56. MODIFIED BITUMEN FLASHING
- 57. FIBER CANT
- 58. PLY-FELT FLASHING
- III. 2X 6 P.T. WOOD BLOCKING AS REQUIRED.
- 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.
- A. NEW PREMANUFACTURED MTL. CURB
- B. 1" FIBERBOARD INSUL. ALL AROUND OUTSIDE OF CURB

- C. PADLOCK HASP
- D. NEW BILCO S-20 ROOF HATCH. PRIME, & TWO FINISHED COATS OF PAINT TAN COLOR
- E. INTEGRAL CAP FLASHING W/ BILCLIP, BACKER ROD & SEALANT
- F. NEW 4X4X1/8 ANGLE SUPPORT TO EXIST. BAR JOISTS- SEE DETAIL (J.102)
- G. SAW CUT EXIST. DECK AS REQ'D TO INSTALL NEW ROOF HATCH
- H. NEW GALV. LADDER - SEE DTL. (J.101) FOR DETAILS AND PLAN
- I. REMOVE EXISTING GRAVEL AND RE-APPLY GRAVEL IN FLOOD COAT OF ASPHALT

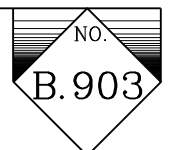


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TITLE NEW ROOF HATCH DETAIL

SCALE N.T.S.

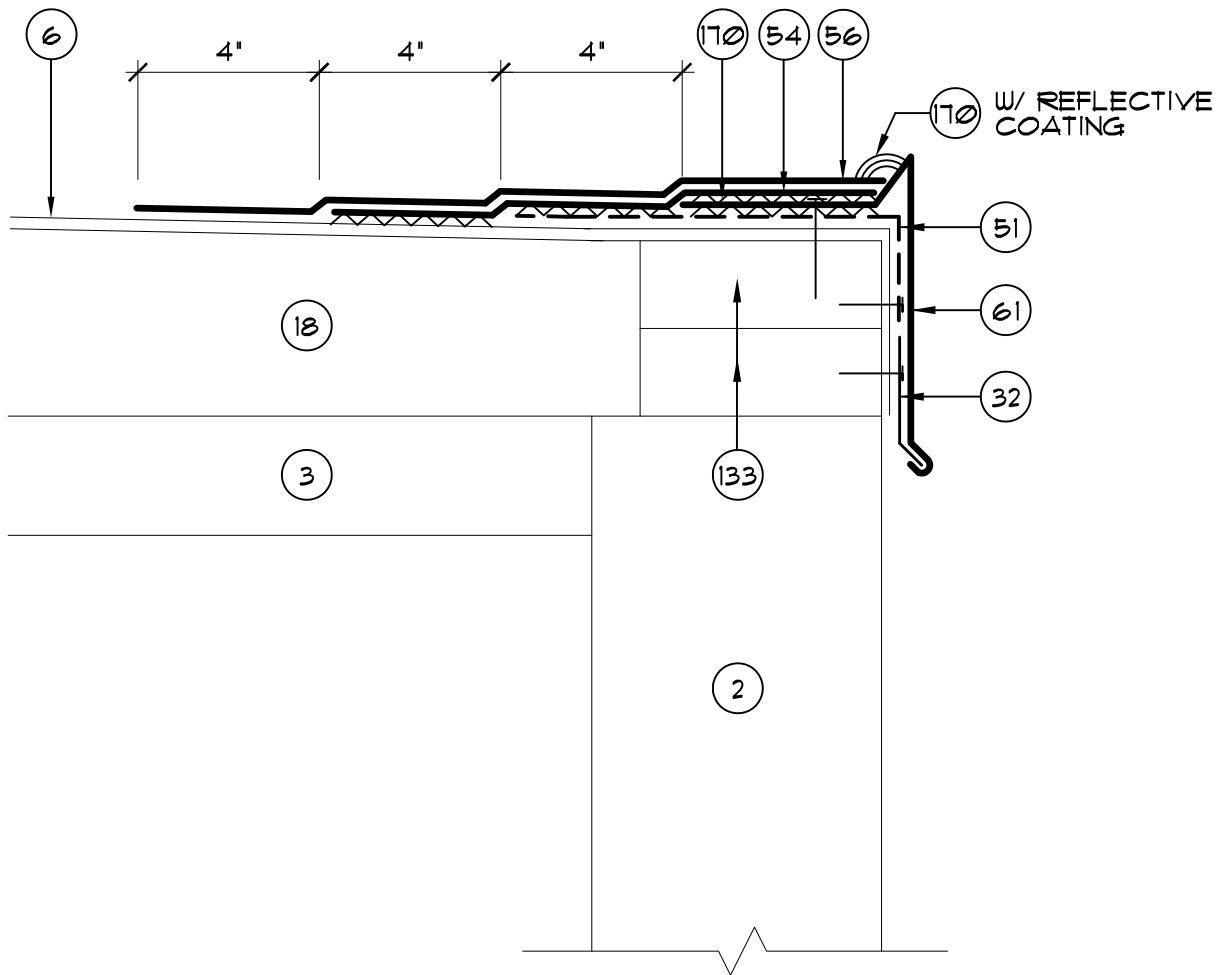


ACAD FILE # 15036-C101

CATALOG #

PLOT SCALE : 3"=1'

PROJECT NUMBER: 15036.00



- |                                   |  |
|-----------------------------------|--|
| 2. EXISTING WALL                  | 56. MOD. BIT. FLASHING - CAP   |
| 3. EXISTING DECK                  | 61. EDGE METAL - SEE DETAIL (H.101)  |
| 6. EXISTING MEMBRANE TO REMAIN    | 133. EXISTING 2X P.T. WOOD BLOCKING TO REMAIN. REPLACE DETERIORATED WOOD BLOCKING. |
| 18. EXISTING INSULATION TO REMAIN | 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE                  |
| 32. CONTINUOUS CLEAT              |  |
| 51. DRY-IN MEMBRANE               |  |
| 54. MOD. BIT. STRIP-IN FLASHING   |  |

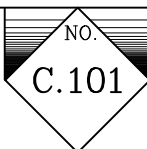


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TITLE TYPICAL EDGE METAL REPAIR

SCALE 3"=1'-0"

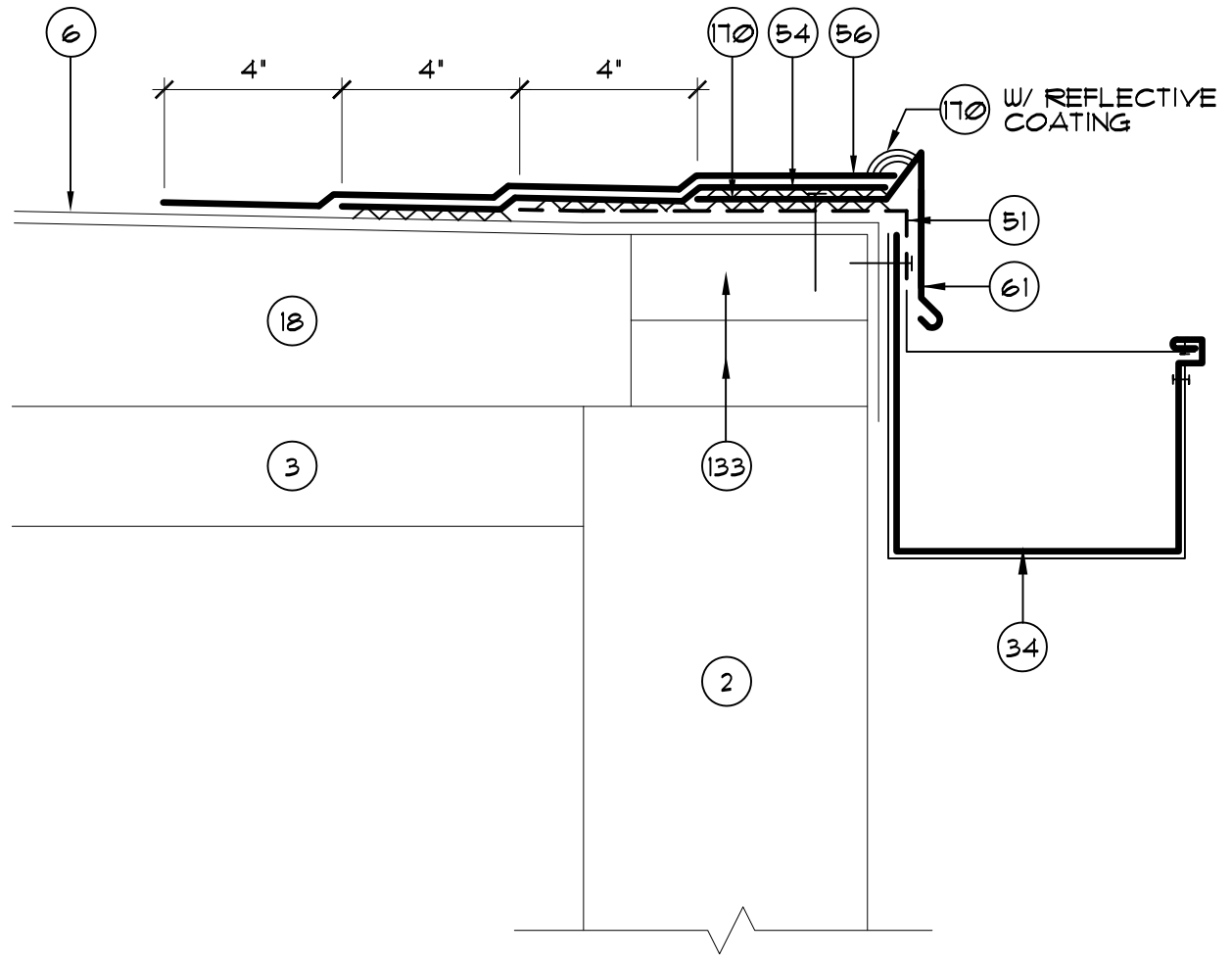


ACAD FILE # 15036-C102

DATE:

PLOT SCALE : 3"=1'

PROJECT NUMBER: 15036.00



- 2. EXISTING WALL
- 3. EXISTING DECK
- 6. EXISTING MEMBRANE TO REMAIN
- 18. EXISTING INSULATION TO REMAIN
- 34. EXIST. GUTTER TO REMAIN
- 51. DRY-IN MEMBRANE
- 54. MOD. BIT. STRIP-IN FLASHING
- 56. MOD. BIT. FLASHING - CAP
- 61. EDGE METAL - SEE DETAIL (H.101)
- 133. EXISTING 2X P.T. WOOD BLOCKING TO REMAIN. REPLACE DETERIORATED WOOD BLOCKING.
- 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE

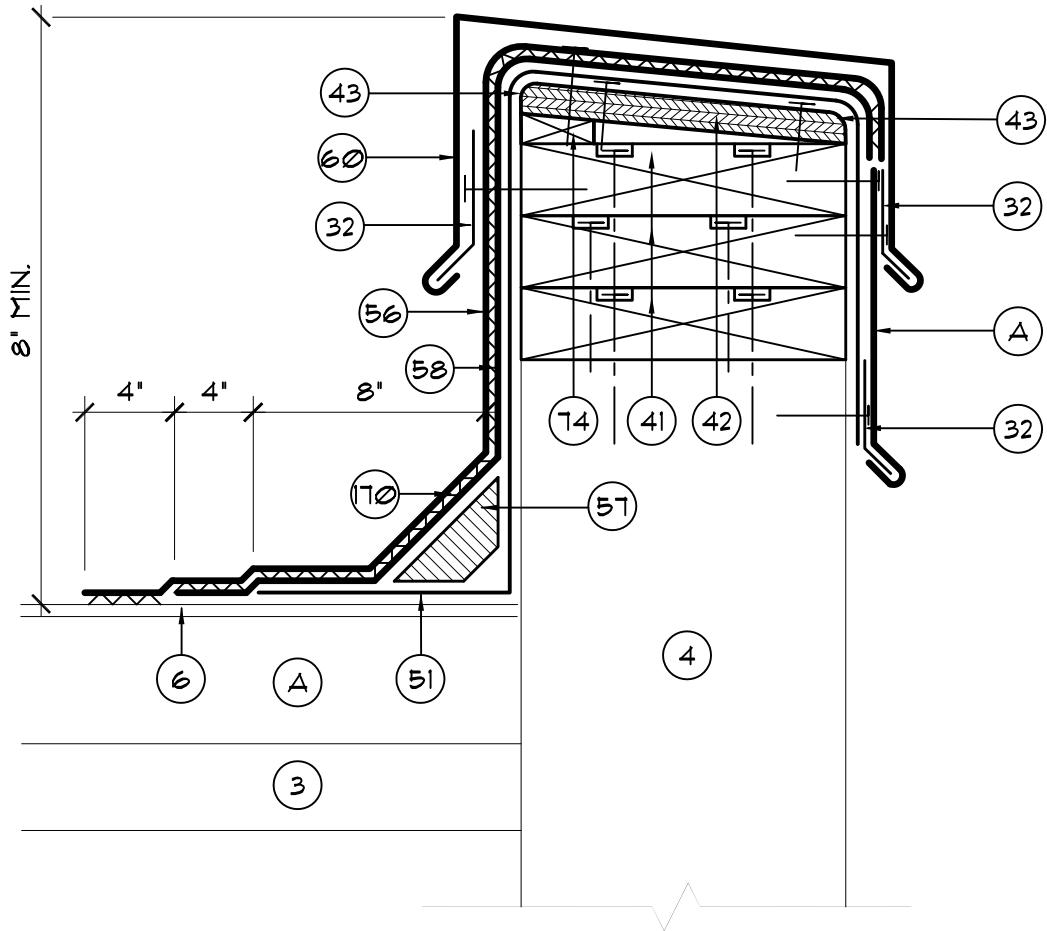


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TITLE TYPICAL EDGE METAL REPAIR W/ GUTTER  
SCALE 3"=1'-0"







- |  |  |
|--|--|
| 3. EXISTING DECK   | 51. DRY-IN MEMBRANE  |
| 4. EXIST. PARAPET  | 56. MOD. BIT. FLASHING - CAP   |
| 6. EXIST. MEMBRANE   | 57. NON-COMBUSTIBLE CANT   |
| 32. CONTINUOUS CLEAT   | 58. MOD. BIT. FLASHING - INTERPLY  |
| 41. 2x8 P.T. WOOD NAILERS AS REQ'D,<br>TO BE FASTENED AT 12' O.C. (MAX.)<br>AND STAGGER - COUNTERSINK<br>HEADS | 60. PARAPET CAP - SEE DETAIL (H.201)                                     |
| 42. 5/8" PLYWOOD - SCREW FASTEN<br>@ 8" O.C. (MAX.) TOP & BOTTOM &<br>STAGGER - COUNTERSINK HEADS              | 65. MODIFIED BITUMEN CAP SHEET   |
| 43. ROUND OFF THIS EDGE  | 74. 1 x 4 P.T. WOOD SHIM   |
|  | 170. APPROVED MANUFACTURER'S<br>TROWELABLE MODIFIED BITUMEN<br>ADHESIVE. |
|  | A. EXISTING INSULATION   |
|  | B. 24 GA. ST. STL. SKIRT METAL   |



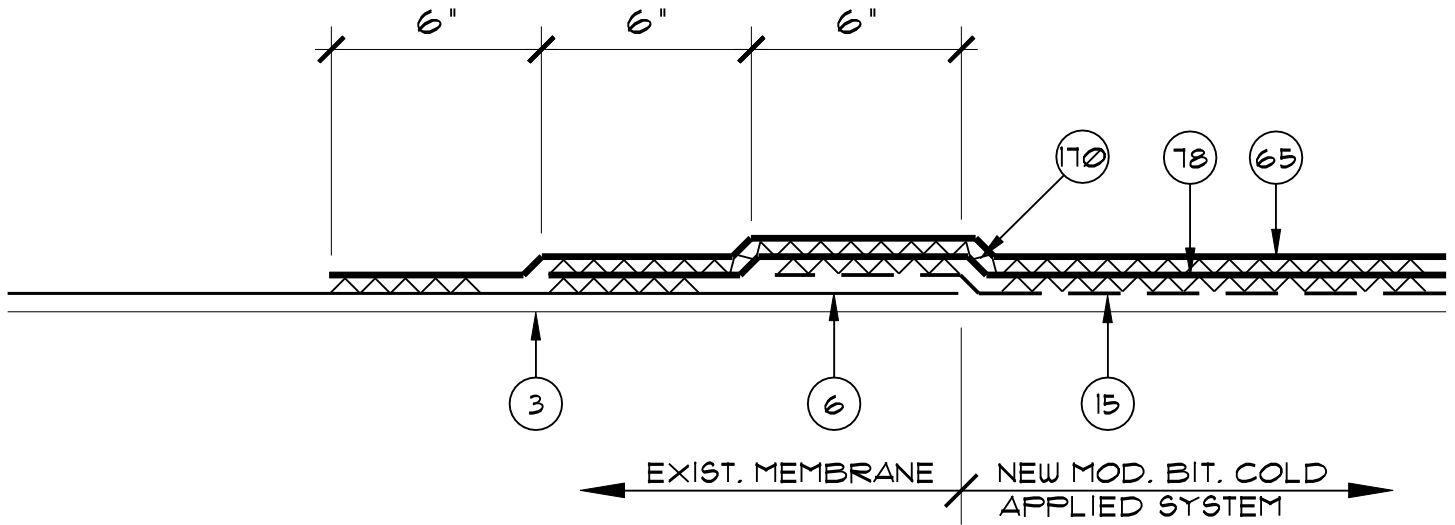
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TITLE PARAPET REPAIR  
FLASHING DETAIL

SCALE 3" = 1'





- 3. EXISTING DECK
- 6. EXIST. MEMBRANE
- 15. BASE SHEET
- 65. MODIFIED BITUMEN CAP SHEET
- 78. 2-MOD. BIT. INTERPLY SHEETS
- 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.



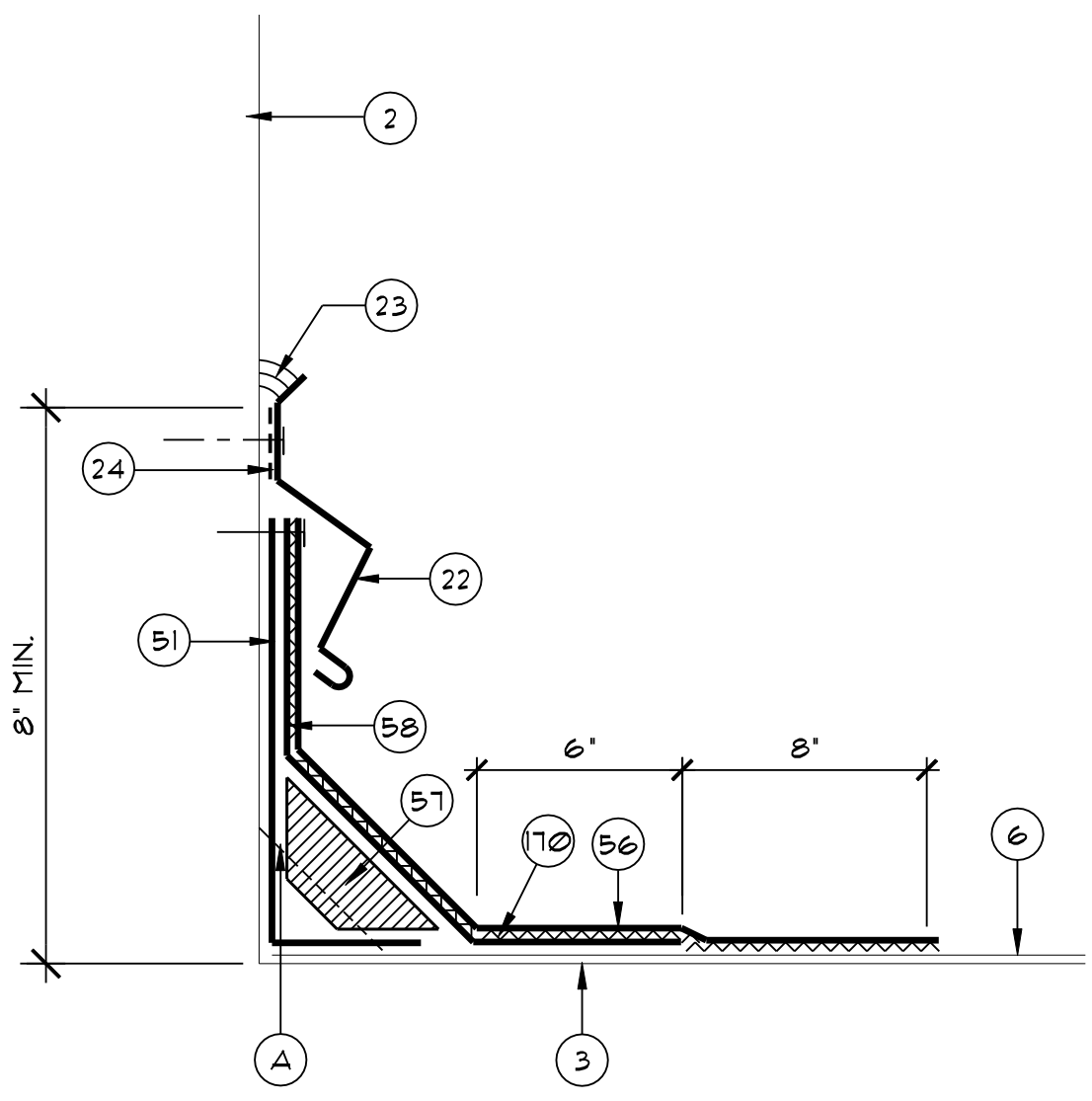
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TITLE MEMBRANE TRANSITION  
 DETAIL

SCALE N.T.S.





- |   |  |
|---|--|
| 2. EXIST. WALL  | 56. MOD. BIT. FLASHING - CAP                                       |
| 3. EXIST. DECK  | 57. NON-COMBUSTIBLE CANT   |
| 6. EXISTING MEMBRANE TO REMAIN  | 58. MOD. BIT. FLASHING - INTERPLY                                  |
| 22. 24 GA. ST. STEEL COUNTERFLASHING - SURFACE APPLIED - SEE DETAIL (1.201) | 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE. |
| 23. SEALANT   | A. REMOVE EXISTING WALL FLASHING AND CANT.                         |
| 24. FLASHING TAPE   |  |
| 51. DRY-IN MEMBRANE   |  |

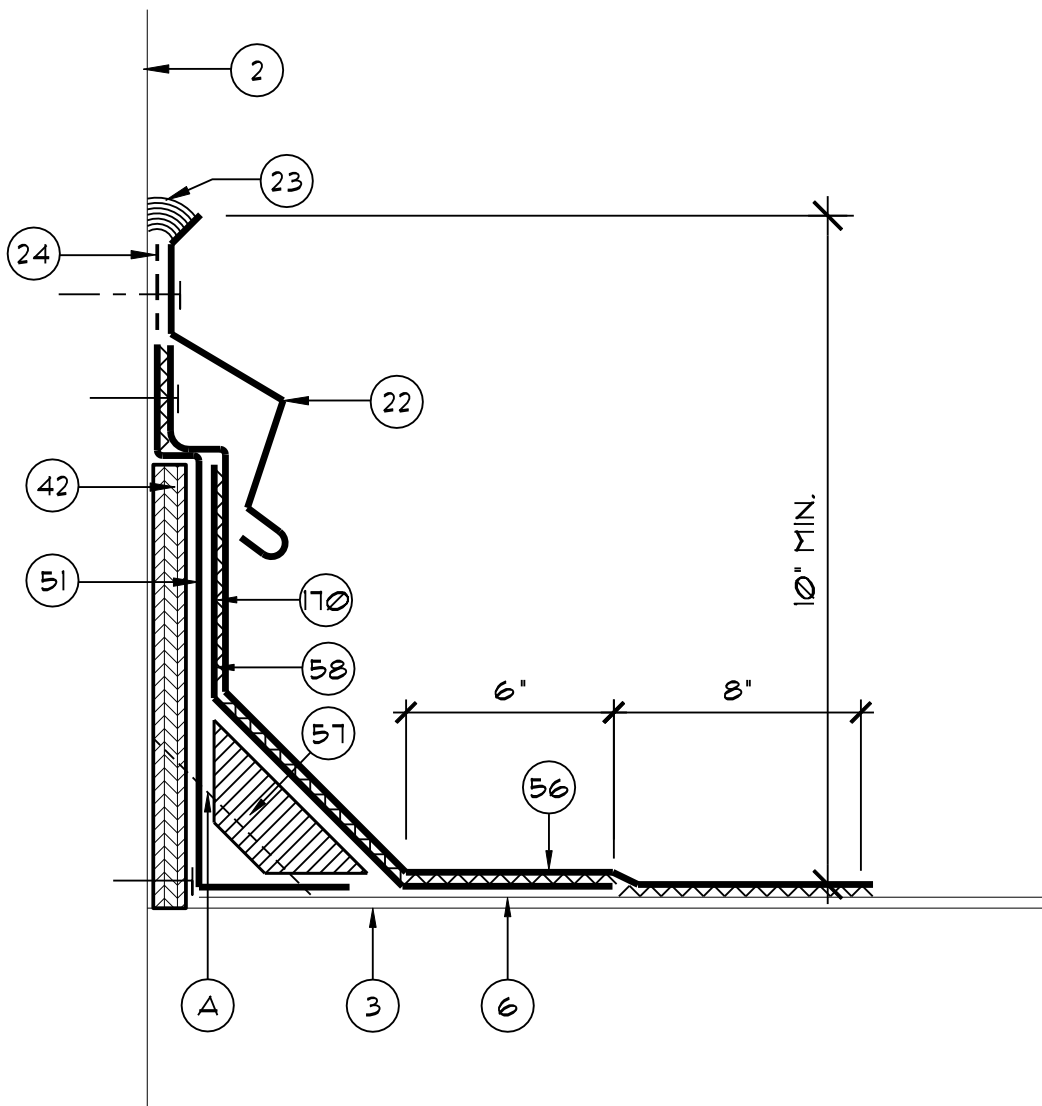


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TITLE FLASHING REPAIR  
 DETAIL AT WALL

SCALE 3" = 1'





- |     |   |      |   |
|-----|---|------|---|
| 2.  | EXIST. WALL   | 51.  | DRY-IN MEMBRANE   |
| 3.  | EXIST. DECK   | 56.  | MOD. BIT. FLASHING - CAP                                      |
| 6.  | EXISTING MEMBRANE TO REMAIN   | 57.  | NON-COMBUSTIBLE CANT  |
| 22. | COUNTERFLASHING - SURFACE APPLIED - SEE DETAIL (1.201)                                  | 58.  | MOD. BIT. FLASHING - INTERPLY                                 |
| 23. | SEALANT   | 170. | APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE. |
| 24. | FLASHING TAPE   | A.   | REMOVE EXISTING WALL FLASHING AND CANT.                       |
| 42. | 5/8" PLYWOOD - SCREW FASTEN @ 8" O.C. (MAX.) TOP & BOTTOM & STAGGER - COUNTERSINK HEADS |      |   |



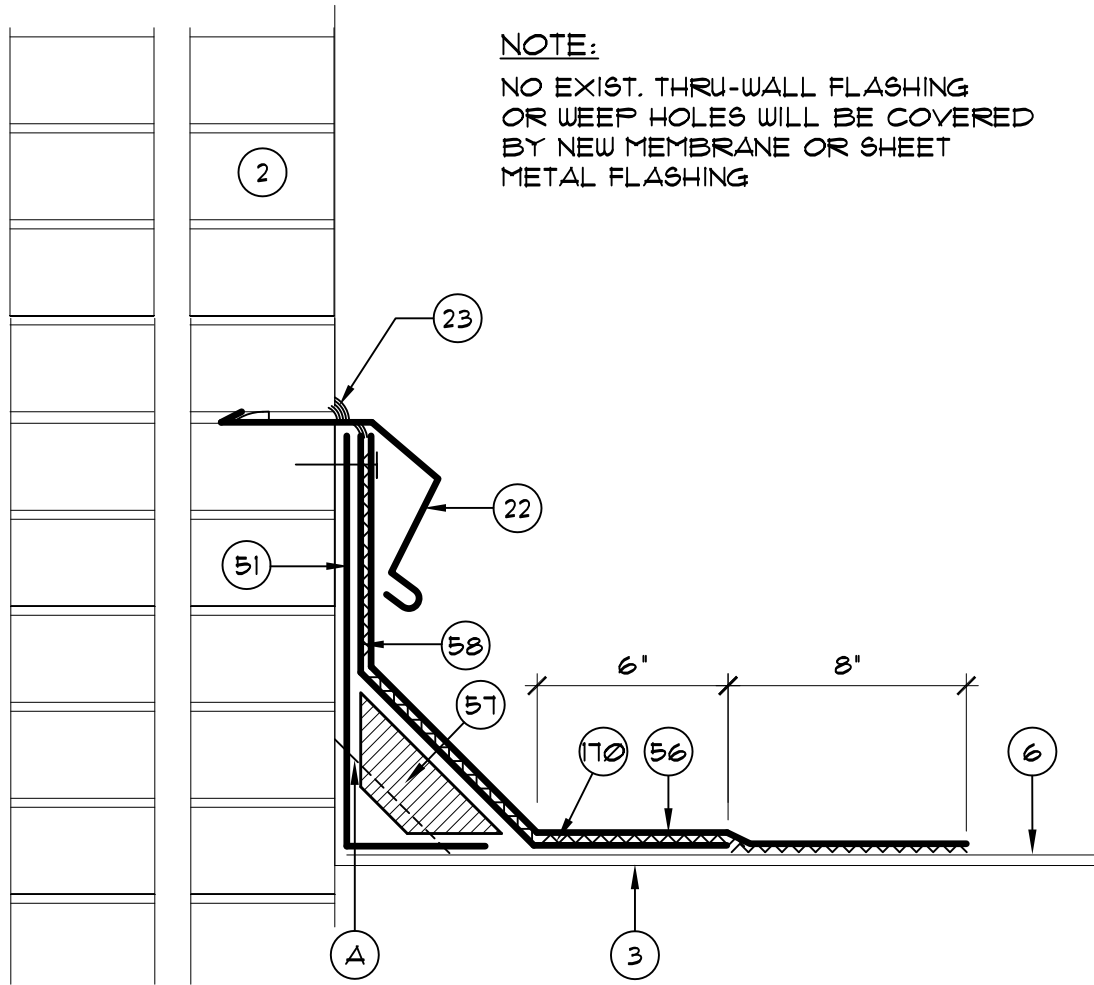
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TITLE WALL FLASHING REPAIR  
 DETAIL

SCALE 3" = 1'





**NOTE:**

NO EXIST. THRU-WALL FLASHING OR WEEP HOLES WILL BE COVERED BY NEW MEMBRANE OR SHEET METAL FLASHING

- |     |   |      |   |
|-----|---|------|---|
| 2.  | EXIST. BRICK WALL   | 56.  | MOD. BIT. FLASHING - CAP                                      |
| 3.  | EXISTING DECK   | 57.  | NON-COMBUSTIBLE CANT  |
| 6.  | EXISTING MEMBRANE TO REMAIN   | 58.  | MOD. BIT. FLASHING - INTERPLY                                 |
| 22. | NEW 24 GA. ST. STEEL COUNTERFLASHING - REGLET APPLIED - SEE DETAIL (H202) | 170. | APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE. |
| 23. | SEALANT   | A.   | REMOVE EXISTING WALL FLASHING AND CANT.                       |
| 51. | DRY-IN MEMBRANE   |      |   |

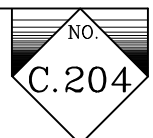


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TITLE WALL FLASHING REPAIR  
 DETAIL AT BRICK WALL

SCALE 3" = 1'



4" MIN OVERLAP OF COUNTERFLASHING OR BITUMINOUS WATERPROOFING.

FASTENERS W/1"φ MIN. HEAD OR WASHER @ 8" O.C. (OPTIONAL TERMINATION BAR OR CONT. CLEAT AS DETAILED).

FULLY PRIME WALL

56 RUN STRIPS VERTICALLY ONLY

58

57

2

51

8" MIN. \*  
24" MAX.

EXIST. MEMBRANE

A

3

NOTE:

IN NO CASE SHALL THE FLASHING HEIGHT BE LESS THAN 4" ABOVE THE OUTLET ELEVATION OF THE EMERGENCY OVERFLOW SCUPPER/DRAIN SERVING THAT ROOF AREA.

- 2. EXIST. WALL, CURB OR SHEATHING
- 3. EXIST. DECK
- 56. MOD. BIT. FLASHING - CAP
- 57. NON-COMBUSTIBLE CANT
- 58. MOD. BIT. FLASHING - INTERPLY
- A. EXISTING INSULATION



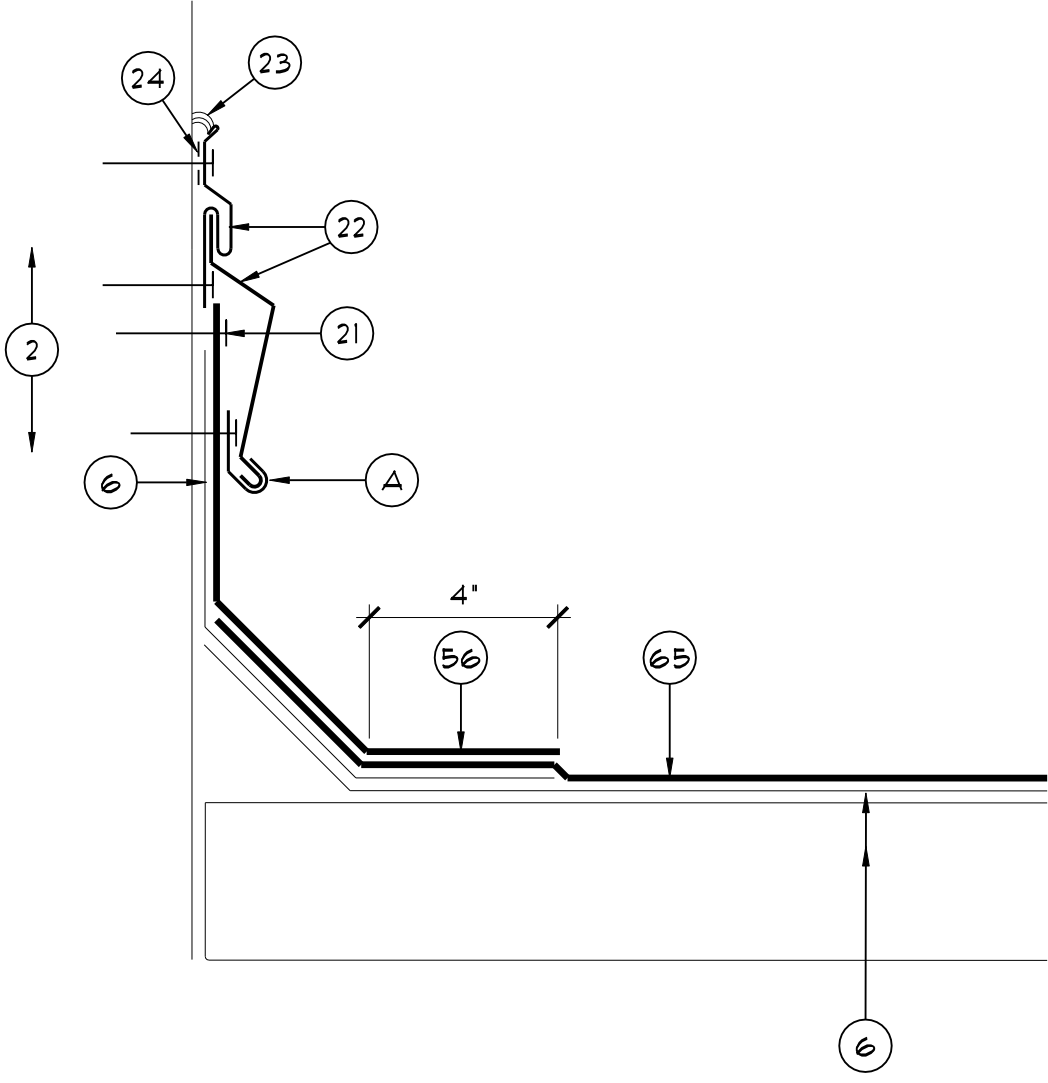
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TITLE TYP. BASE FLASHING AT MODIFIED BITUMEN ROOFS

SCALE 3" = 1'





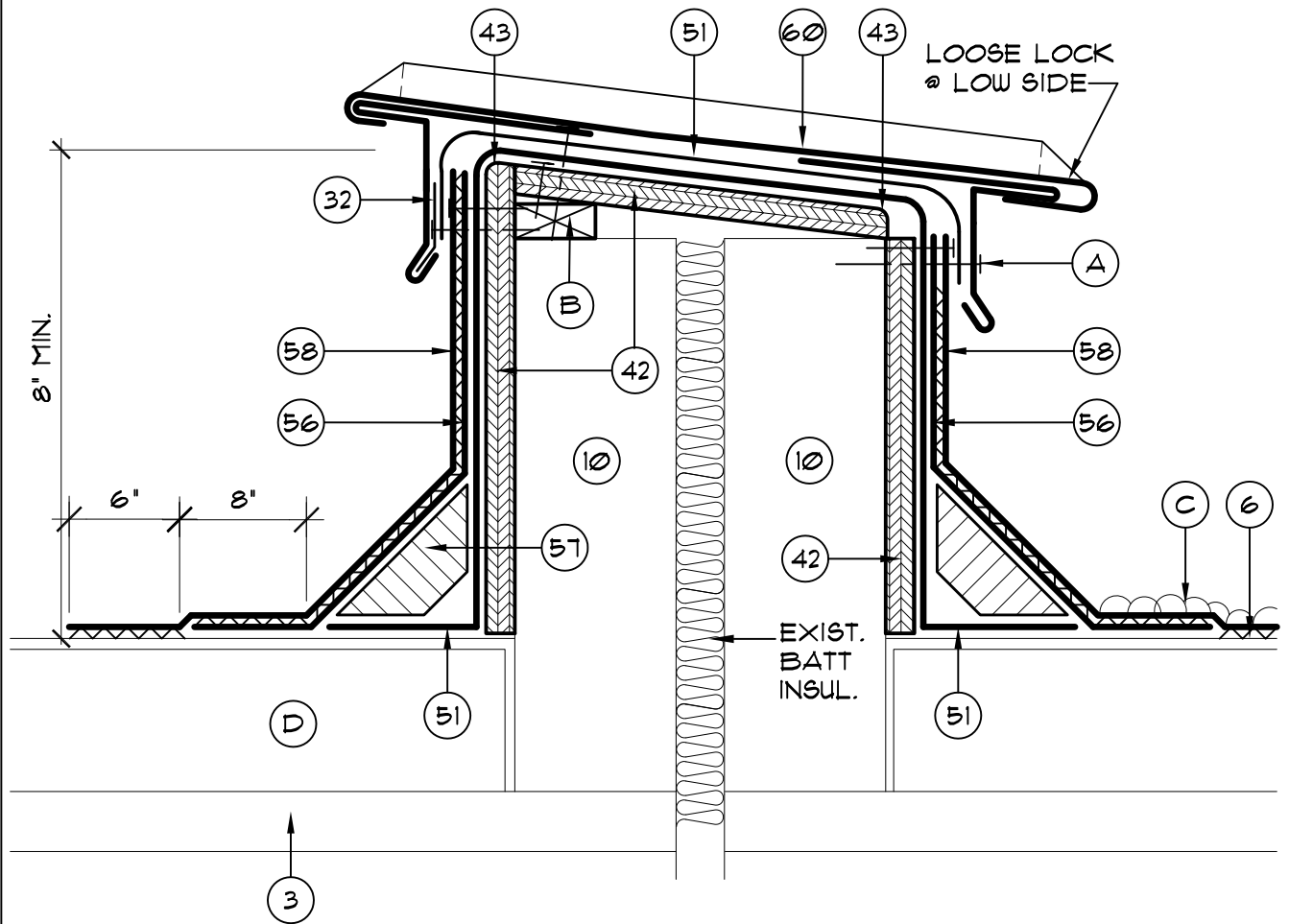
- 2. EXIST. PRECAST CONC. WALL
- 6. EXISTING MOD. BIT. ROOF MEMBRANE & BASE FLASHING OVER EXIST. INSULATION, STRUCTURAL DECK & FRAMING TO REMAIN - REPAIR PER UNIT PRICES AS NEEDED
- 21. SURFACE APPLIED TERMINATION BAR - SEE DETAIL (H.203)
- 22. NEW 2-PIECE COUNTERFLASHING & SURFACE MOUNTED RECEIVER - SEE DETAIL (H.211)
- 23. SEALANT
- 24. FLASHING TAPE
- 56. MOD. BIT. FLASHING - CAP
- 65. MOD. BIT. MEMBRANE
- A. 3" WIDE RETAINER CLEATS @ 18' O.C. - SEE DETAIL (H.211)



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TITLE BASE & COUNTERFLASHING AT CONCRETE WALL DETAIL  
SCALE 3" = 1'





- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>3. EXISTING DECK</li> <li>6. EXISTING MEMBRANE TO REMAIN</li> <li>10. EXISTING CURB TO REMAIN</li> <li>32. CONTINUOUS CLEAT</li> <li>42. 5/8" PLYWOOD - SCREW FASTEN @ 8" O.C. (MAX.) TOP &amp; BOTTOM &amp; STAGGER - COUNTERSINK HEADS</li> <li>43. ROUND OFF THIS EDGE</li> <li>51. DRY-IN MEMBRANE</li> <li>56. MOD. BIT. FLASHING - CAP</li> <li>57. NON-COMBUSTIBLE CANT</li> </ul> | <ul style="list-style-type: none"> <li>58. MOD. BIT. FLASHING - INTERPLY</li> <li>60. EXPANSION JOINT CAP<br/>SEE DETAIL (H.401)</li> <li>170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.</li> <li>A. FASTEN AT 8" O.C. WITH ST. STL. #10 X 2" W/ METAL BACKED NEOPRENE WASHERS.</li> <li>B. 1X2 P.T. NAIL AT 6" O.C. TO FORM SHIM.</li> <li>C. EXISTING INSULATION</li> </ul> |
|--|---|



**A/R/C Associates Incorporated**

601 NORTH FERN CREEK AVENUE SUITE 100  
 ORLANDO, FLORIDA 32803-4899  
 TEL (407)896-7875 FAX (407)898-6043

TITLE MODIFY EXPANSION JOINT  
 AND FLASHING REPAIRS

SCALE N.T.S.



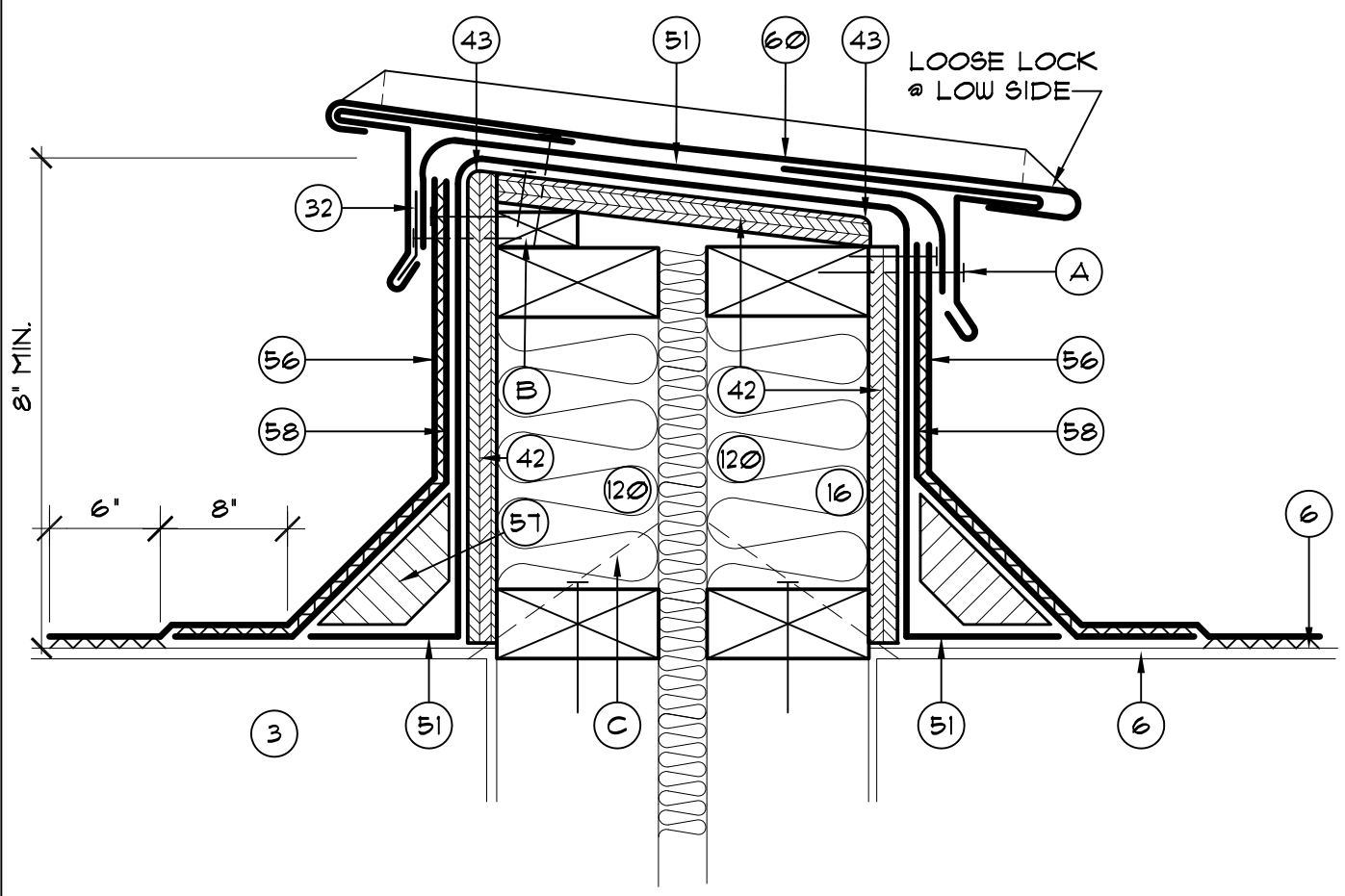


ACAD FILE # 1004TC402

DATE: ..

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 10047.00



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| <ul style="list-style-type: none"> <li>3. EXISTING DECK</li> <li>6. EXISTING MEMBRANE TO REMAIN</li> <li>10. EXISTING CURB TO REMAIN</li> <li>16. BATT INSULATION</li> <li>32. CONTINUOUS CLEAT</li> <li>42. 5/8" PLYWOOD - SCREW FASTEN @ 8" O.C. (MAX.) TOP &amp; BOTTOM &amp; STAGGER - COUNTERSINK HEADS</li> <li>43. ROUND OFF THIS EDGE</li> <li>51. DRY-IN MEMBRANE</li> <li>56. MOD. BIT. FLASHING - CAP</li> <li>57. NON-COMBUSTIBLE CANT</li> <li>58. MOD. BIT. FLASHING - INTERPLY</li> </ul> | <ul style="list-style-type: none"> <li>60. EXPANSION JOINT CAP SEE DETAIL (H.401)</li> <li>120. WOOD CURB FROM P.T. 2x4'S @ 16" O.C. STAGGERED</li> <li>170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.</li> <li>A. FASTEN AT 8" O.C. WITH ST. STL. #10 X 2" W/ METAL BACKED NEOPRENE WASHERS.</li> <li>B. 1X2 P.T. NAIL AT 6" O.C. TO FORM SHIM.</li> <li>C. REMOVE EXIST. WOOD BLK'G. AND BELLOWS TYPE EXP. JT.</li> </ul> |
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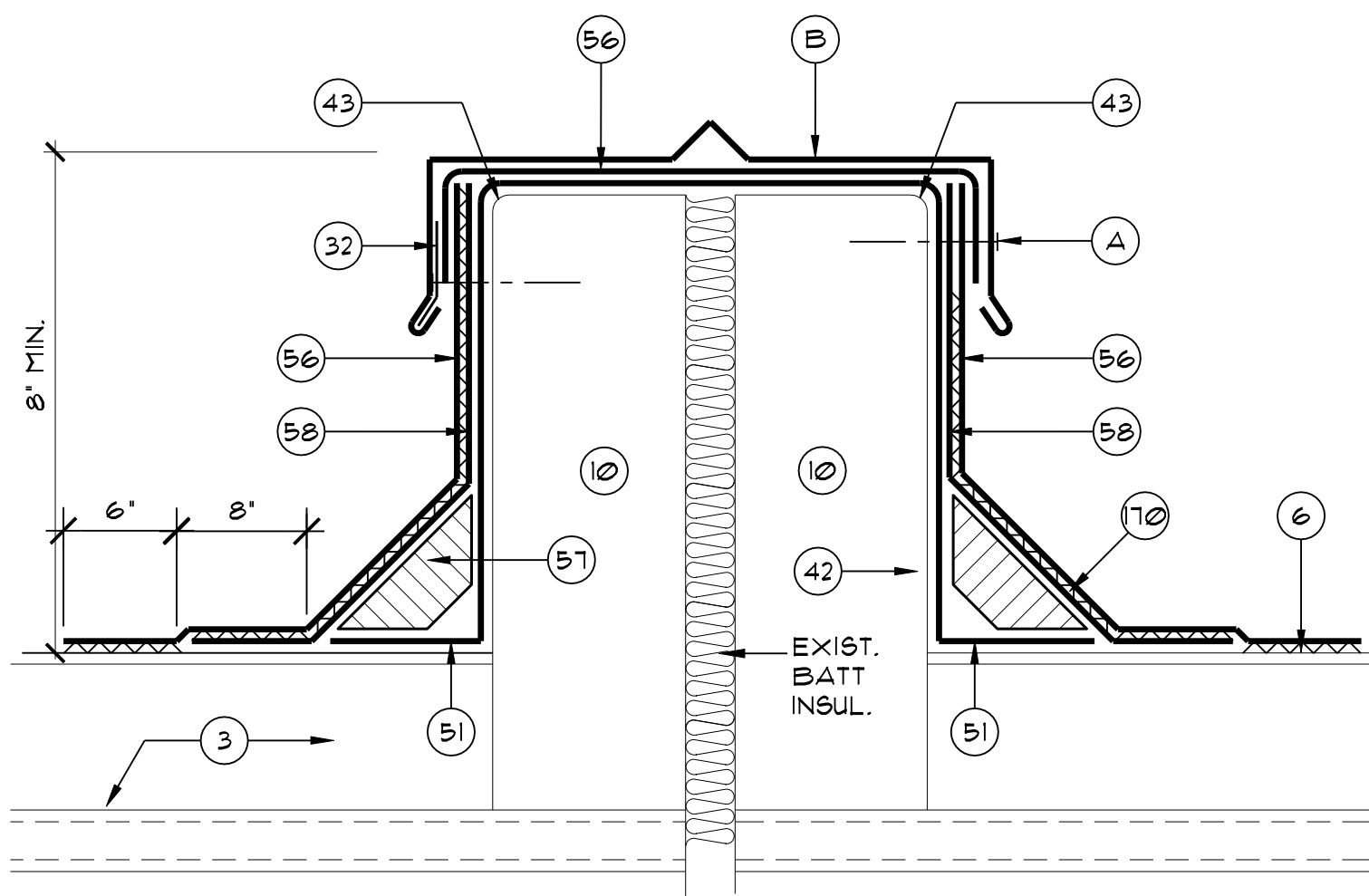


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TITLE MODIFY EXPANSION JOINT AND FLASHING REPAIRS  
SCALE N.T.S.



PROJECT NUMBER: 15036.00  
 PLOT SCALE: 3" = 1'-0"  
 DATE: 3" = 1'-0"  
 ACAD FILE # 15036-C403



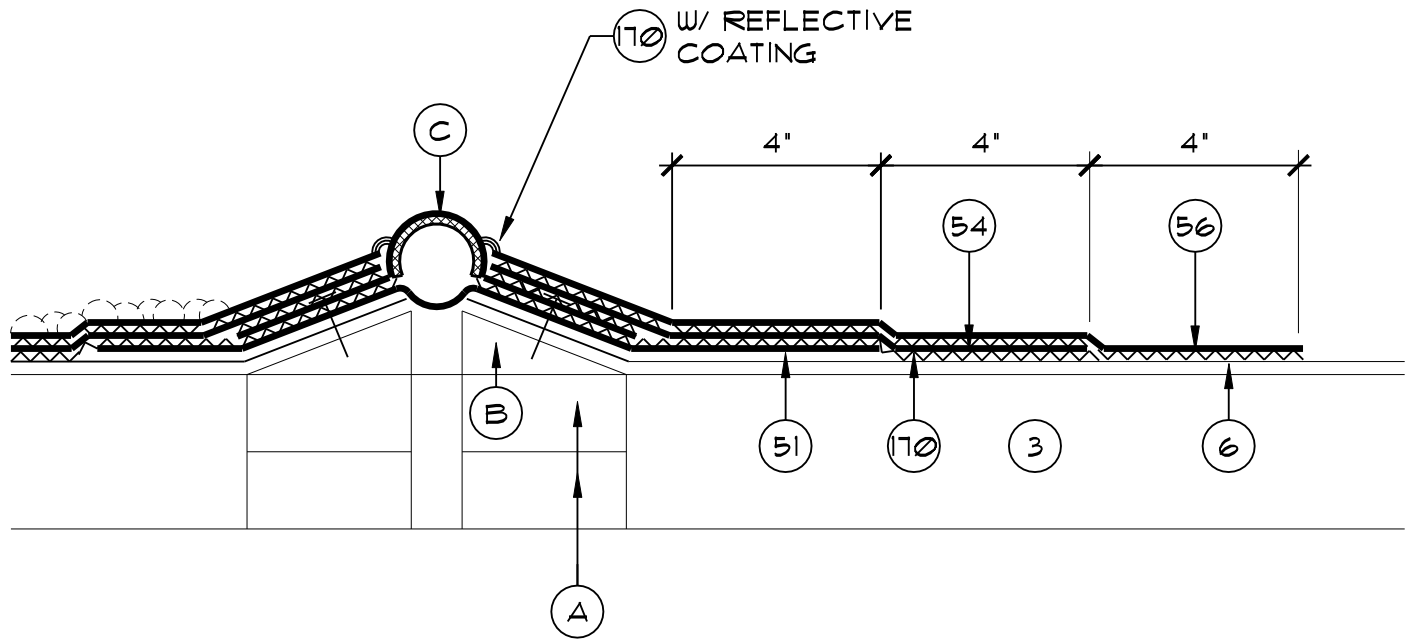
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|--|---|
| <ul style="list-style-type: none"> <li>3. EXISTING DECK</li> <li>6. EXISTING MEMBRANE</li> <li>10. EXISTING CURB TO REMAIN</li> <li>32. CONTINUOUS CLEAT</li> <li>43. ROUND OFF THIS EDGE</li> <li>51. DRY-IN MEMBRANE</li> <li>56. MOD. BIT. FLASHING - CAP</li> <li>57. NON-COMBUSTIBLE CANT</li> <li>58. MOD. BIT. FLASHING - INTERPLY</li> </ul> | <ul style="list-style-type: none"> <li>170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.</li> <li>A. FASTEN AT 8" O.C. WITH ST. STL. #10 X 2" W/ METAL BACKED NEOPRENE WASHERS.</li> <li>B. INSTALL NEW 24 GA. ST. STL. EXPANSION JOINT CAP</li> </ul> |
|--|---|



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TITLE EXPANSION JOINT AND FLASHING REPAIR DETAIL  
SCALE N.T.S.





- 3. EXISTING DECK
- 6. EXISTING MEMBRANE TO REMAIN
- 51. DRY-IN MEMBRANE
- 54. MOD. BIT. STRIP-IN FLASHING
- 56. MOD. BIT. FLASHING - CAP
- 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.

- A. EXIST. P.T. WOOD BLOCKING REPLACE WHERE DAMAGED OR DETERIORATED
- B. EXIST. P.T. WOOD CANT REPLACE WHERE DAMAGED OR DETERIORATED
- C. REPLACE EXIST. BELLOWS TYPE EXPANSION JOINT



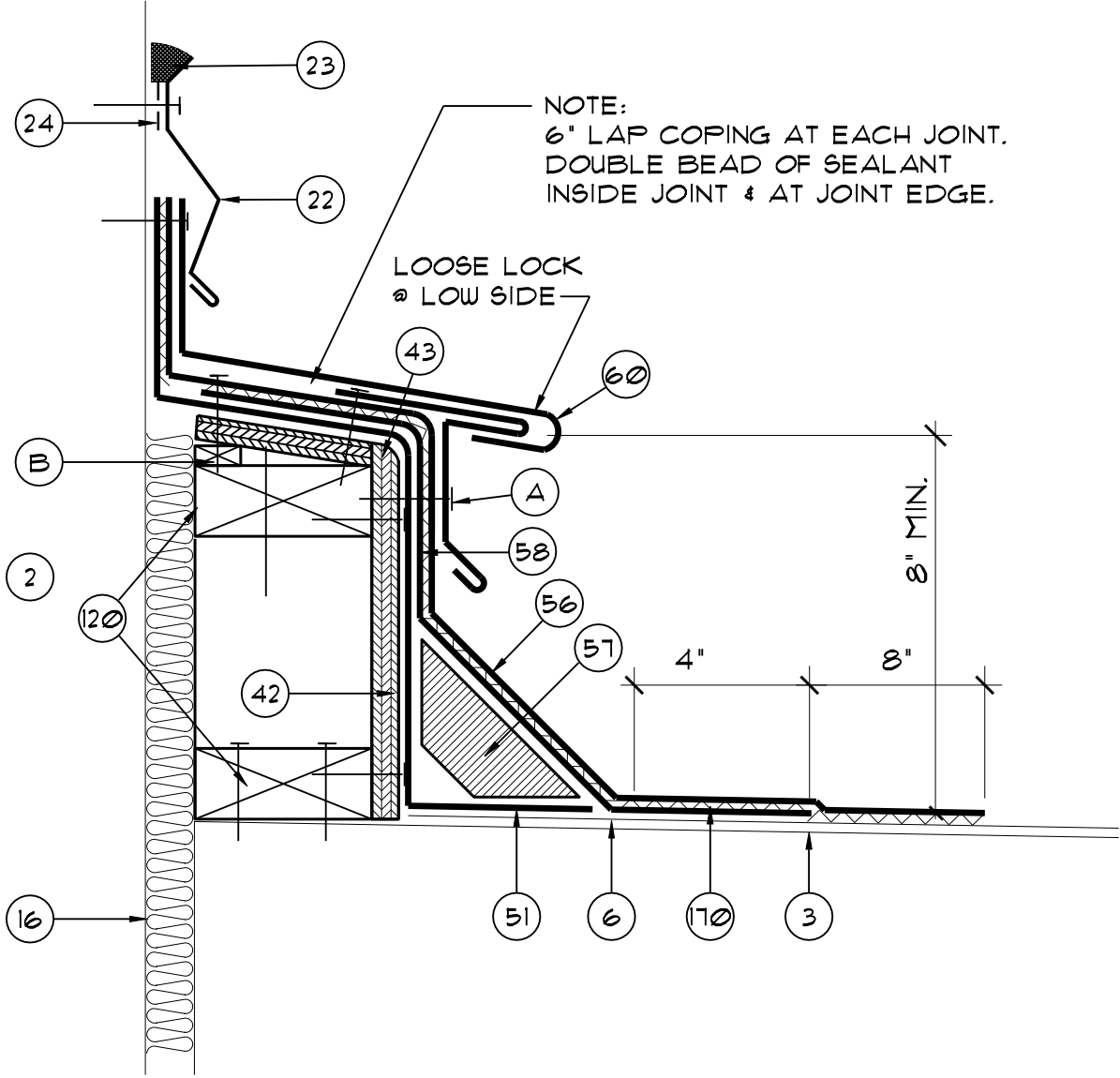
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TITLE EXPANSION JOINT FLASHING REPAIR

SCALE N.T.S.





- |   |  |
|---|--|
| 2. EXISTING WALL  | 51. DRY-IN MEMBRANE  |
| 3. EXISTING DECK  | 56. MOD. BIT. FLASHING - CAP                                       |
| 6. EXISTING MEMBRANE TO REMAIN  | 57. NON-COMBUSTIBLE CANT   |
| 22. COUNTERFLASHING - SURFACE APPLIED - SEE DETAIL (1.201)                                  | 58. MOD. BIT. FLASHING - INTERPLY                                  |
| 23. SEALANT   | 60. EXPANSION JOINT CAP  |
| 24. FLASHING TAPE   | 120. WOOD CURB FROM 2x4'S @ 16" O.C. STAGGERED                     |
| 42. 5/8" PLYWOOD - SCREW FASTEN @ 8" O.C. (MAX.) TOP & BOTTOM & STAGGER - COUNTERSINK HEADS | 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE. |
| 43. ROUND OFF THIS EDGE   |  |

A. FASTEN AT 8" O.C. WITH ST. STL. #10 X 2" WOOD SCREWS W/METAL BACKED NEOPRENE WASHERS.

B. 1X2 P.T. NAIL AT 6" O.C. TO FORM SHIM.



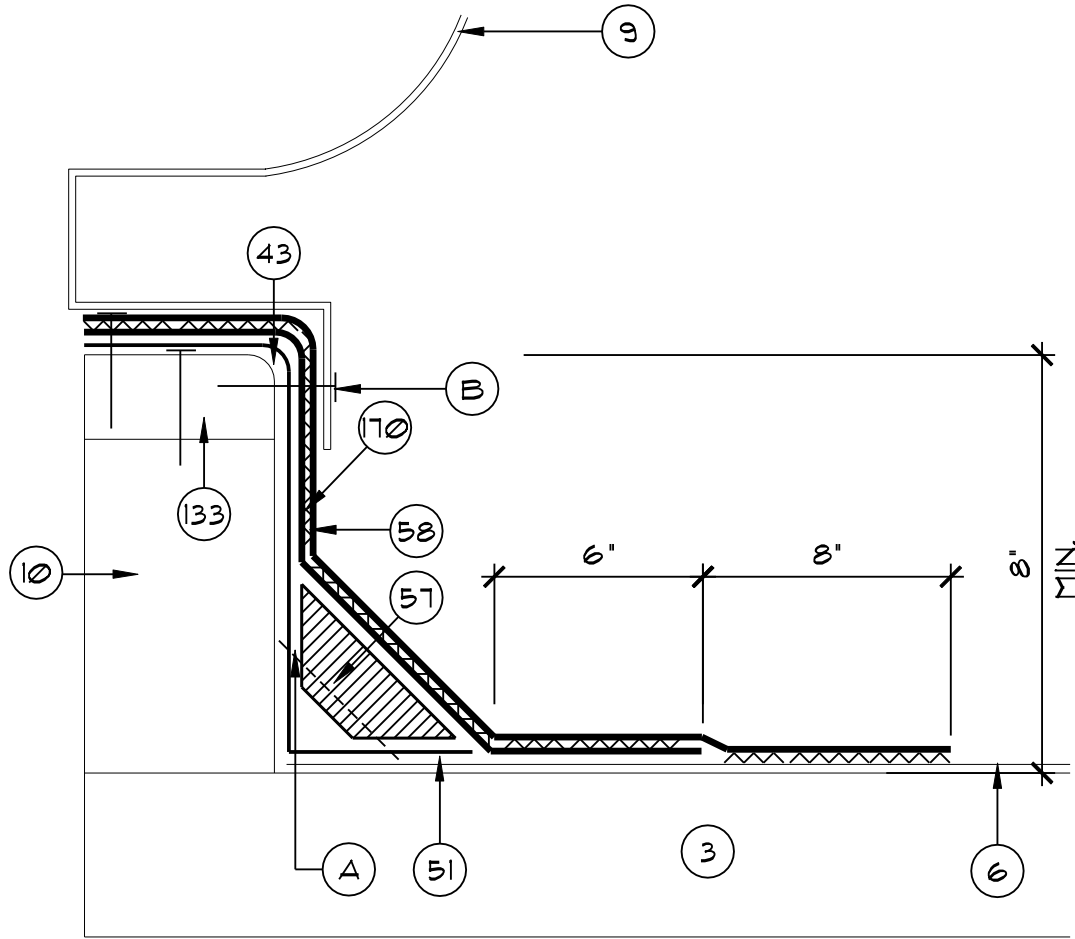
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TITLE EXPANSION JOINT AT WALL

SCALE N.T.S.





- |     |   |      |   |
|-----|---|------|---|
| 3.  | EXISTING DECK                                 | 133. | EXISTING WOOD BLOCKING TO REMAIN. REPLACE DETERIORED WOOD BLOCKING.     |
| 6.  | EXISTING MEMBRANE TO REMAIN                   | 170. | APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.           |
| 9.  | EXISTING MECH. EQUIPMENT REMOVE AND REINSTALL | A.   | REMOVE EXISTING WALL FLASHING AND CANT.                                 |
| 10. | EXISTING CURB TO REMAIN                       | B.   | NEW ST. STL. SCREWS W/ METAL BACKED NEOPRENE WASHERS (MIN. 2 EACH SIDE) |
| 43. | ROUND OFF THIS EDGE                           |      |   |
| 51. | DRY-IN MEMBRANE                               |      |   |
| 56. | MOD. BIT. FLASHING - CAP                      |      |   |
| 57. | NON-COMBUSTIBLE CANT                          |      |   |
| 58. | MOD. BIT. FLASHING - INTERPLY                 |      |   |



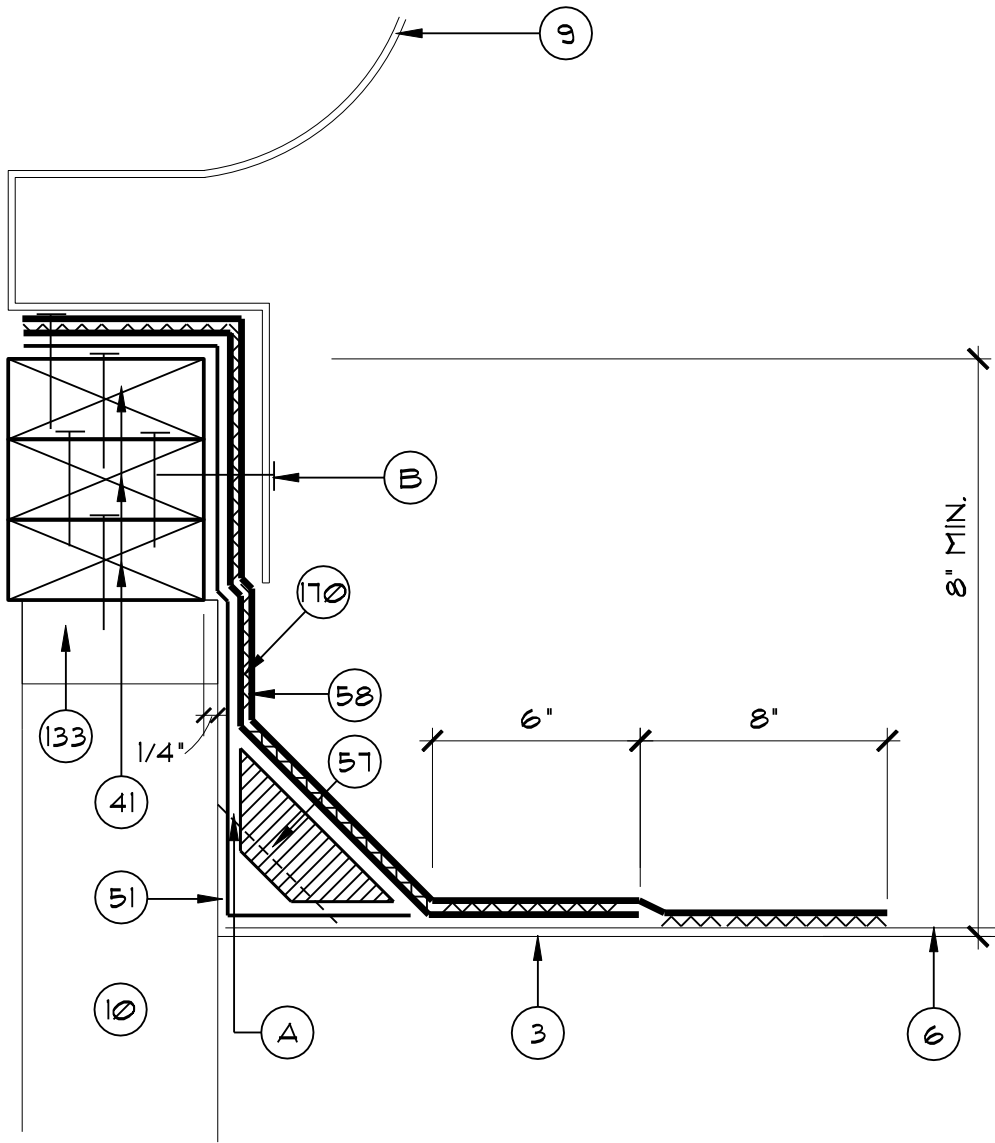
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 ORLANDO, FLORIDA 32803-4899  
 TEL. (407)896-7875 FAX. (407)898-6043

TITLE **TYPICAL EQUIPMENT CURB FLASHING REPAIR**

SCALE **N.T.S.**





- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>3. EXISTING DECK</li> <li>6. EXISTING MEMBRANE TO REMAIN</li> <li>9. EXISTING MECH. EQUIPMENT REMOVE AND REINSTALL</li> <li>10. EXISTING CURB TO REMAIN</li> <li>41. 2 x 4 P.T. WOOD BLOCKING AS REQ'D. TO ACHIEVE MIN. HEIGHT TO BE FASTENED AT 12" O.C. (MAX.) AND COUNTERSINK FASTENER HEADS (IF REQUIRED)</li> <li>51. DRY-IN MEMBRANE</li> <li>56. MOD. BIT. FLASHING - CAP</li> <li>57. NON-COMBUSTIBLE CANT</li> </ul> | <ul style="list-style-type: none"> <li>58. MOD. BIT. FLASHING - INTERPLY</li> <li>133. EXISTING WOOD BLOCKING TO REMAIN. REPLACE DETERIORED WOOD BLOCKING.</li> <li>170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.</li> <li>A. REMOVE EXISTING WALL FLASHING AND CANT.</li> <li>B. NEW ST. STL. SCREWS W/ METAL BACKED NEOPRENE WASHERS (MIN. 2 EACH SIDE)</li> </ul> |
|--|---|



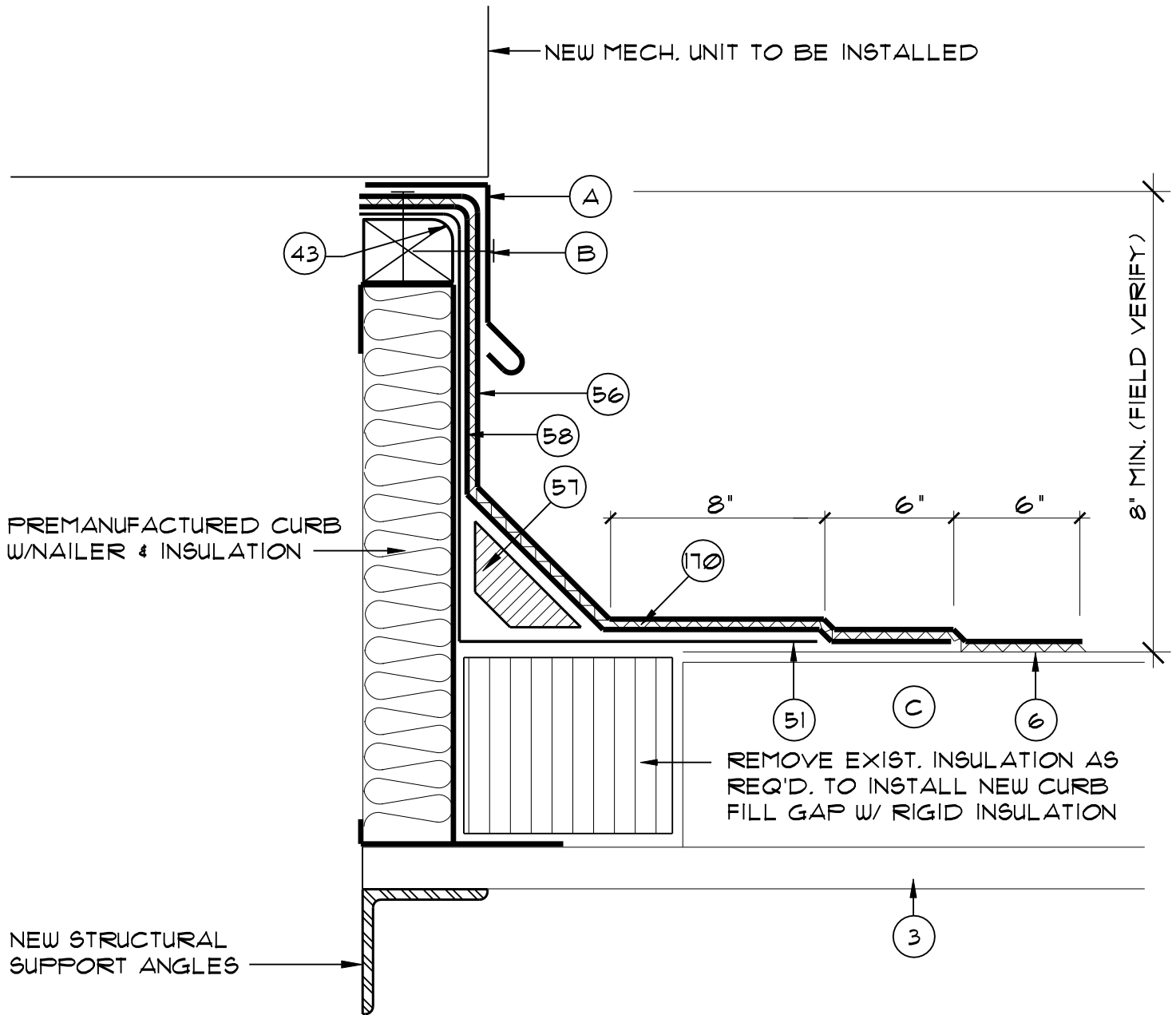
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TITLE TYPICAL RAISED EQUIPMENT CURB FLASHING REPAIR

SCALE N.T.S.



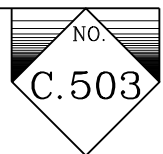


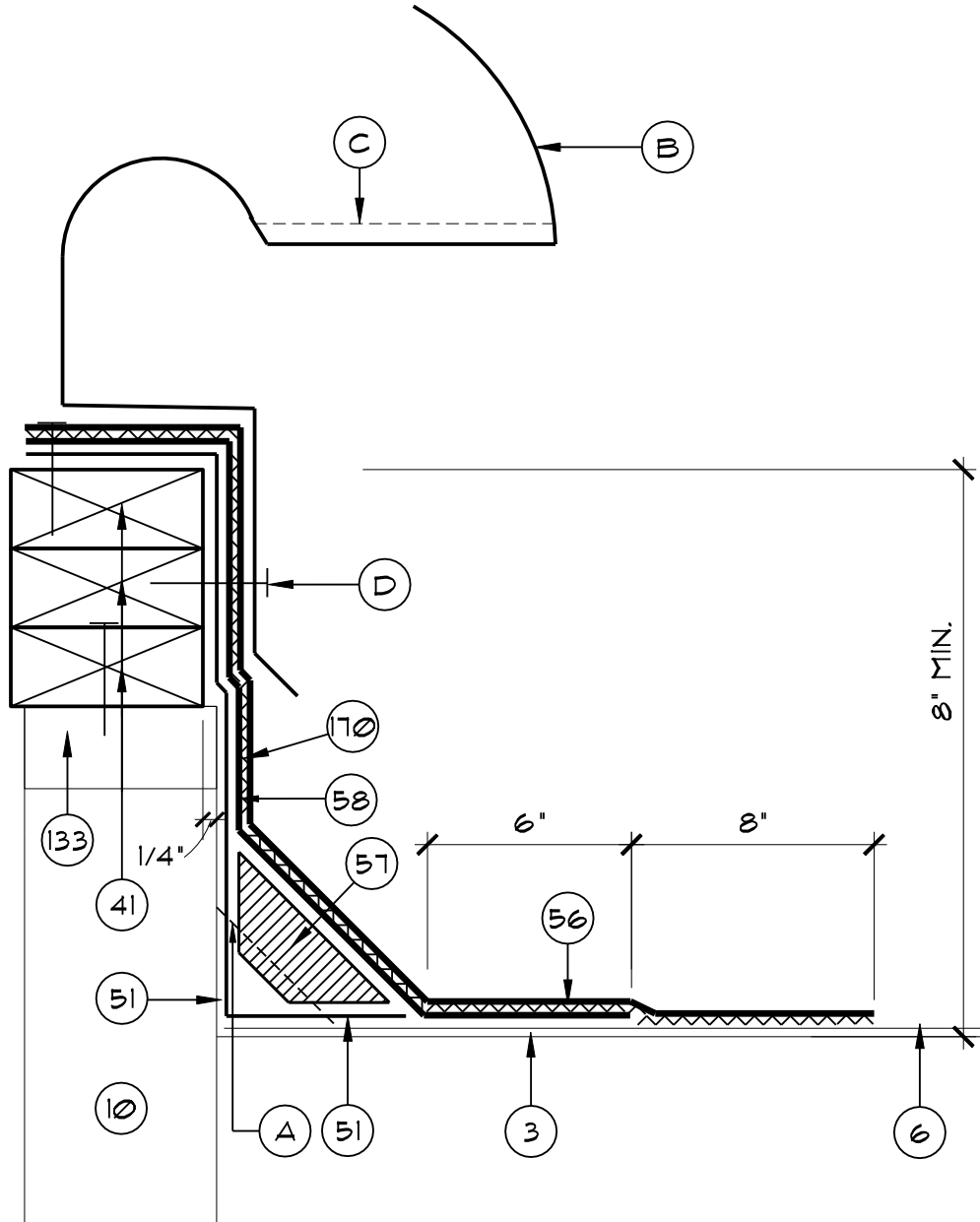
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|---|--|
| <ul style="list-style-type: none"> <li>3. EXISTING DECK</li> <li>6. EXISTING MEMBRANE TO REMAIN</li> <li>43. ROUND OFF THIS EDGE</li> <li>51. DRY-IN MEMBRANE</li> <li>56. MOD. BIT. FLASHING - CAP</li> <li>57. NON-COMBUSTIBLE CANT</li> <li>58. MOD. BIT. FLASHING - INTERPLY</li> </ul> | <ul style="list-style-type: none"> <li>170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.</li> <li>A. NEW 24. GA. ST. STL. FLASHING PAN AROUND CURB. SEE DET. (1.504)</li> <li>B. EXPOSED ST. STL. SCREWS @ 12" O.C. W/ NEOPRENE BACKED ST. STL. WASHERS.</li> <li>C. EXISTING INSULATION</li> </ul> |
|---|--|



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TITLE **NEW EQUIPMENT CURB FLASHING**  
 SCALE **N.T.S.**





- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>3. EXISTING DECK</li> <li>6. EXISTING MEMBRANE TO REMAIN</li> <li>10. EXISTING CURB TO REMAIN</li> <li>41. 2 x 4 P.T. WOOD BLOCKING AS REQ'D. TO RAISE HEIGHT OF CURB TO BE FASTENED AT 12" O.C. (MAX.) AND COUNTERSINK FASTENER HEADS</li> <li>51. DRY-IN MEMBRANE</li> <li>56. MOD. BIT. FLASHING - CAP</li> <li>57. NON-COMBUSTIBLE CANT</li> <li>58. MOD. BIT. FLASHING - INTERPLY</li> </ul> | <ul style="list-style-type: none"> <li>133. EXISTING WOOD BLOCKING TO REMAIN. REPLACE DETERIORED WOOD BLOCKING.</li> <li>170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.</li> <li>A. REMOVE EXISTING WALL FLASHING AND CANT.</li> <li>B. NEW METAL GOOSENECK SEE DET. (1.501)</li> <li>C. BUG SCREEN</li> <li>D. #14 ST. STL. SCREWS W/ METAL BACKED NEOPRENE WASHERS @ 8" O.C.</li> </ul> |
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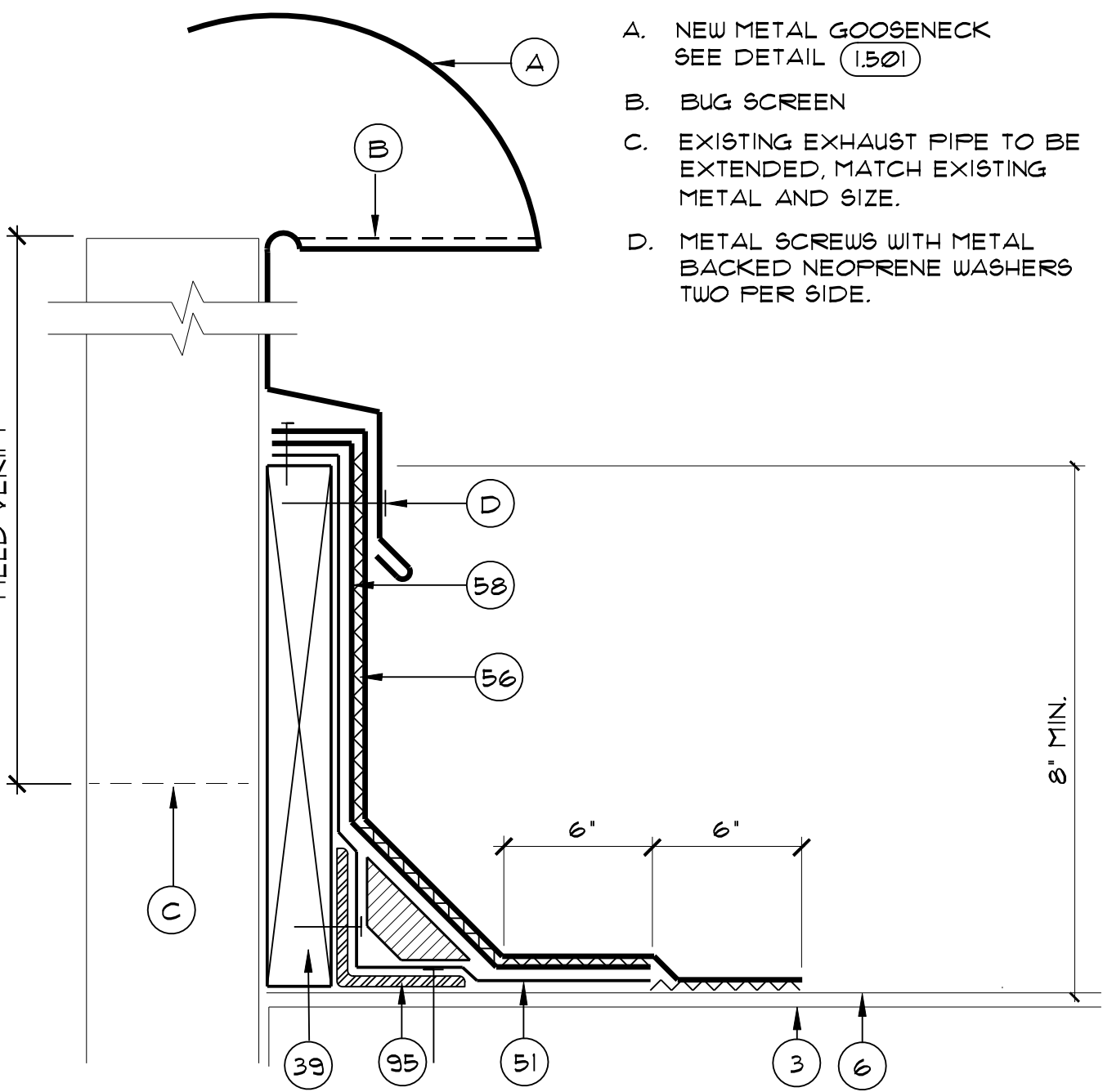
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TITLE RAISED GOOSENECK CURB FLASHING REPAIR  
SCALE N.T.S.





FIELD VERIFY



- A. NEW METAL GOOSENECK  
SEE DETAIL (1.501)
- B. BUG SCREEN
- C. EXISTING EXHAUST PIPE TO BE  
EXTENDED, MATCH EXISTING  
METAL AND SIZE.
- D. METAL SCREWS WITH METAL  
BACKED NEOPRENE WASHERS  
TWO PER SIDE.

- 3. EXISTING DECK
- 6. EXISTING MEMBRANE
- 39. 2X WOOD BLOCKING SCREW  
FASTEN TO ANGLE AND DECK  
@ 6" O.C.
- 51. DRY-IN MEMBRANE
- 56. MOD. BIT. FLASHING - CAP
- 57. NON-COMBUSTIBLE CANT
- 58. MOD. BIT. FLASHING - INTERPLY
- 95. 3 x 3 x 3/16" x 12" LONG ANGLE  
ONE EACH SIDE BOLT TO 2 x WD.  
CURB AND DECK SUBSTRATE W/  
TWO FASTENER EACH LEG - TYP.
- 170. APPROVED MANUFACTURER'S  
TROWELABLE MODIFIED BITUMEN  
ADHESIVE.



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TITLE NEW GOOSENECK CURB  
FLASHING

SCALE N.T.S.

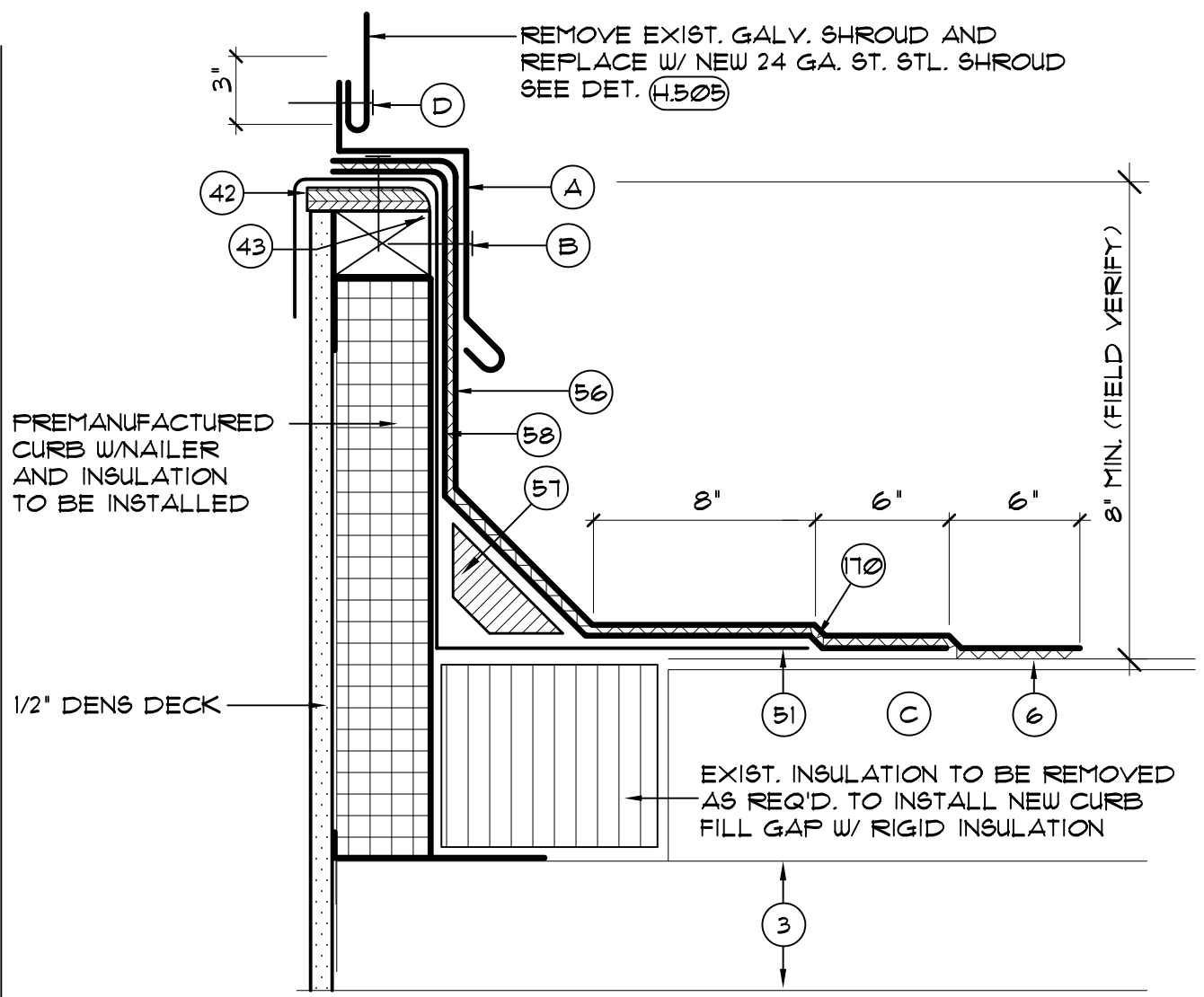


ACAD FILE # 15036-C506

DATE: ..

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 15036.00



- 3. EXISTING DECK
- 6. EXISTING MEMBRANE TO REMAIN
- 42. 5/8" PLYWOOD - SCREW FASTEN @ 8" O.C. (MAX.) TOP & BOTTOM & STAGGER - COUNTERSINK HEADS
- 43. ROUND OFF THIS EDGE
- 51. DRY-IN MEMBRANE
- 56. MOD. BIT. FLASHING - CAP
- 57. NON-COMBUSTIBLE CANT
- 58. MOD. BIT. FLASHING - INTERPLY

- 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.
- A. NEW 24. GA. ST. STL. FLASHING PAN AROUND CURB.- SEE DETAIL (H.504)
- B. EXPOSED ST. STL. SCREWS @ 12" O.C. W/ NEOPRENE BACKED ST. STL. WASHERS.
- C. EXISTING INSULATION
- D. ST. STL. SCREWS W/ METAL BACKED NEOPRENE WASHERS

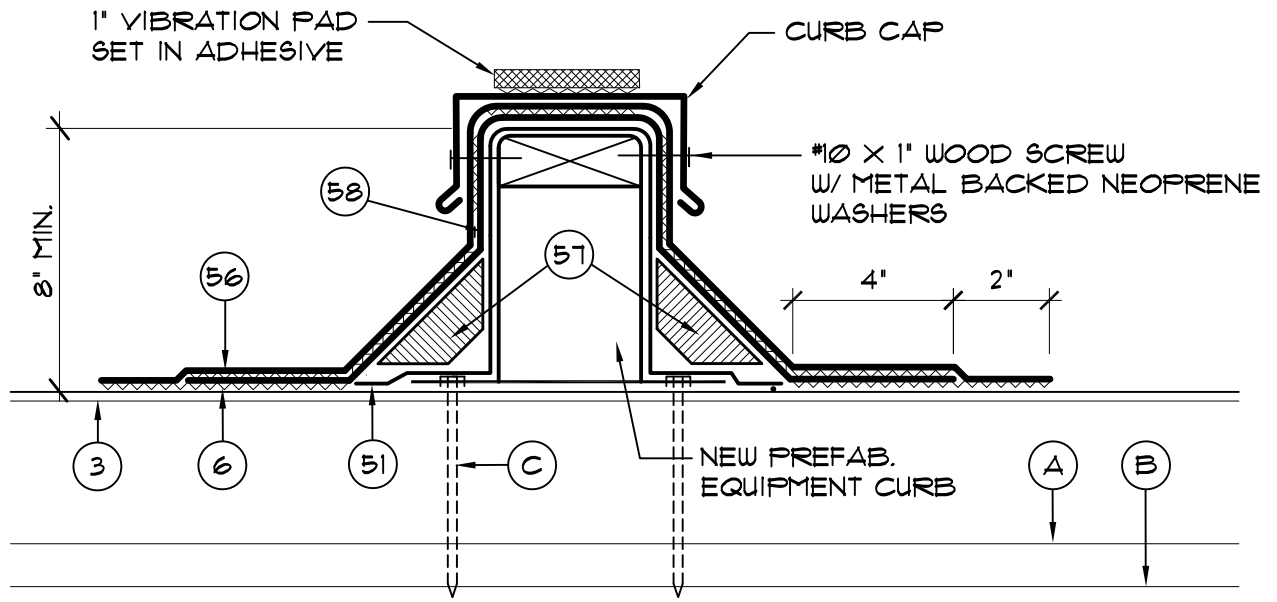


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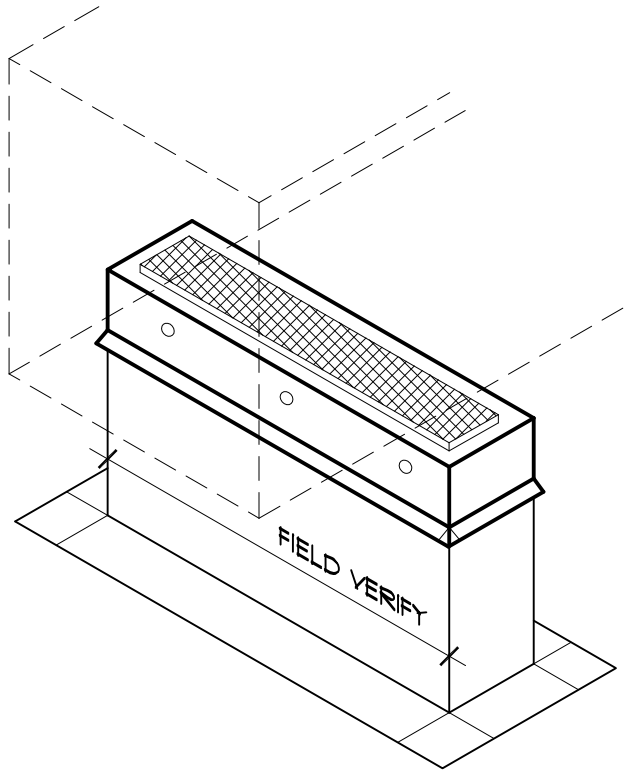
TITLE NEW EQUIPMENT CURB FLASHING

SCALE 3" = 1'-0"





- 3. EXISTING DECK
- 6. EXIST. MEMBRANE TO REMAIN
- 51. DRY-IN MEMBRANE
- 56. MOD. BIT. FLASHING - CAP
- 57. NON-COMBUSTIBLE CANT
- 58. MOD. BIT. FLASHING - INTERPLY
  
- A. EXIST. METAL DECK
- B. TOP CHORD OF BAR JOIST
- C. ANCHOR CURB TO EXISTNG DECK W/  
NO: 14 SELF DRILLING, SELF-TAPPING  
SCREWS @ 12" O.C. EACH SIDE OF  
FLANGE OR AT EXISTING GYPSUM OR  
CEMENTITIOUS DECK INTO TOP FLANGE  
OF BAR JOIST - OR AT CONC. DECK  
USE 1/4" TAPCONS @ 12" O.C.



NOTE: PRIME SURFACES AS REQUIRED BY THE MANUFACTURER



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TITLE **PREFABRICATED  
EQUIPMENT SUPPORT**

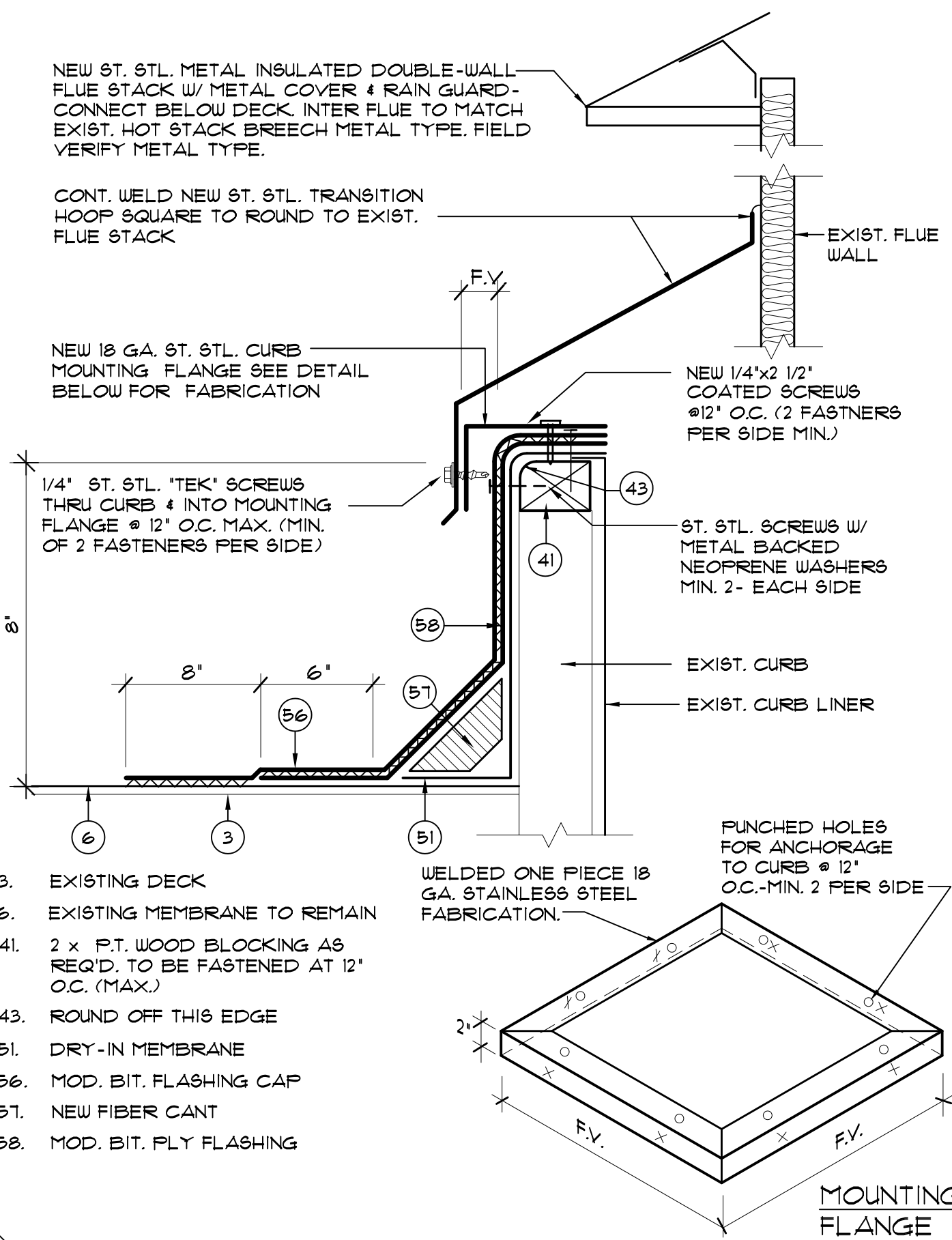
SCALE **N.T.S.**



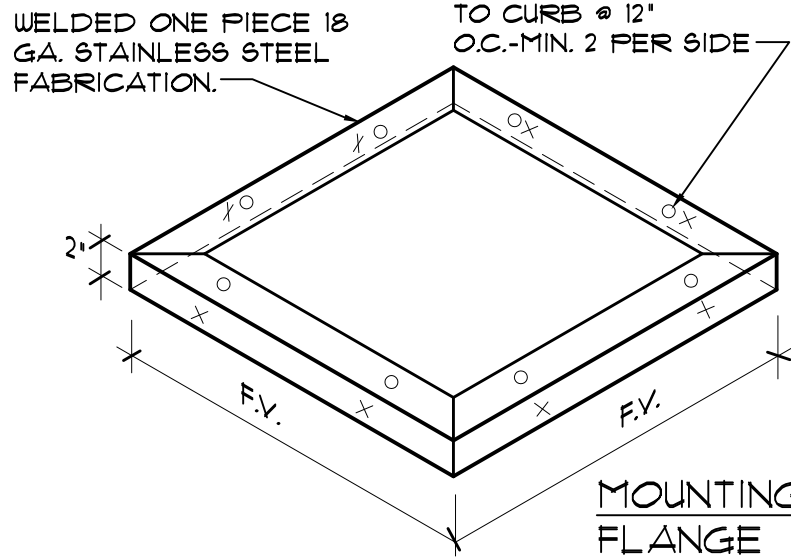
NEW ST. STL. METAL INSULATED DOUBLE-WALL FLUE STACK W/ METAL COVER & RAIN GUARD-CONNECT BELOW DECK. INTER FLUE TO MATCH EXIST. HOT STACK BREECH METAL TYPE. FIELD VERIFY METAL TYPE.

CONT. WELD NEW ST. STL. TRANSITION HOOP SQUARE TO ROUND TO EXIST. FLUE STACK

NEW 18 GA. ST. STL. CURB MOUNTING FLANGE SEE DETAIL BELOW FOR FABRICATION



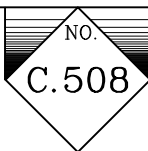
- 3. EXISTING DECK
- 6. EXISTING MEMBRANE TO REMAIN
- 41. 2 x P.T. WOOD BLOCKING AS REQ'D. TO BE FASTENED AT 12" O.C. (MAX.)
- 43. ROUND OFF THIS EDGE
- 51. DRY-IN MEMBRANE
- 56. MOD. BIT. FLASHING CAP
- 57. NEW FIBER CANT
- 58. MOD. BIT. FLY FLASHING

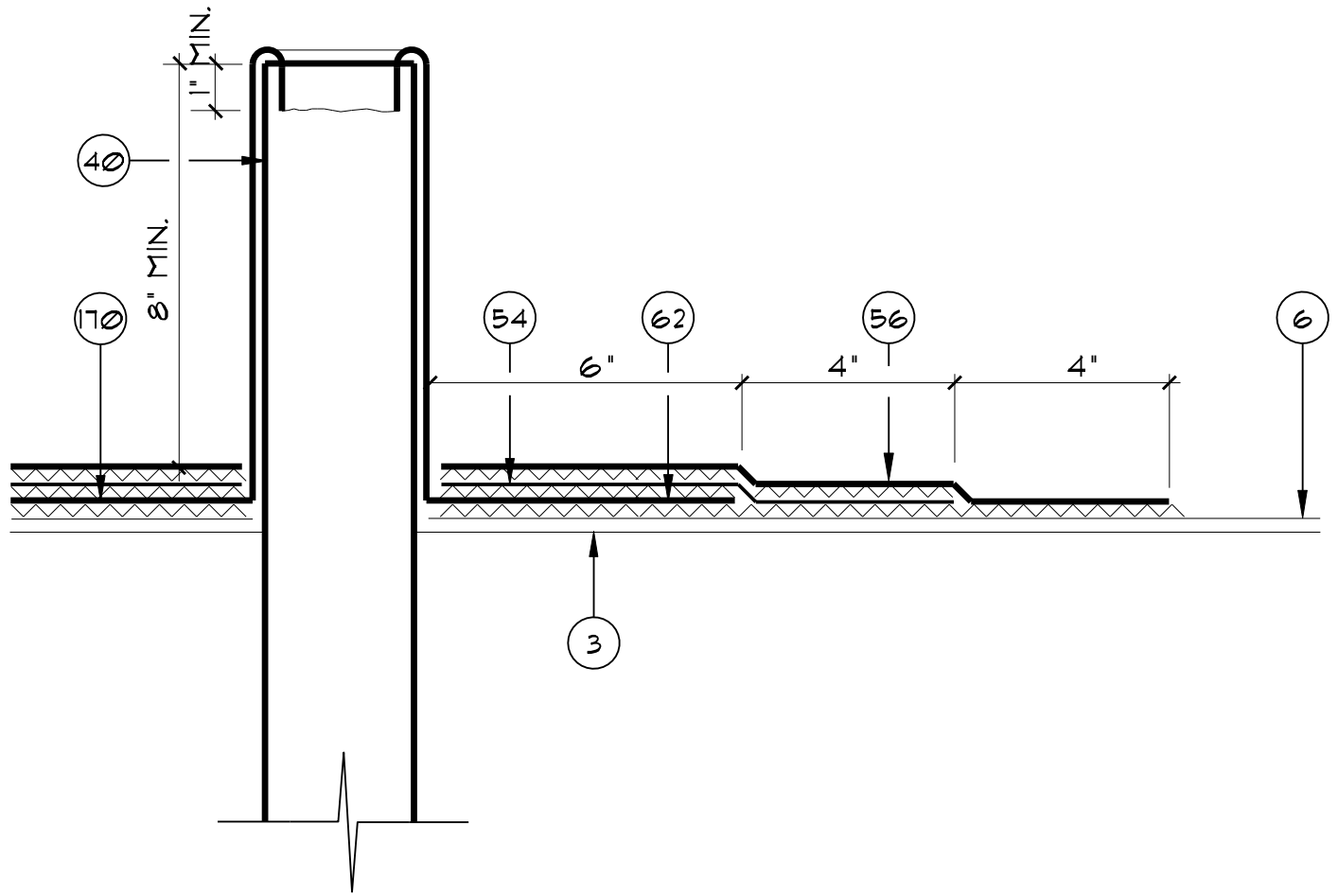


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TITLE MECHANICAL CURB REPAIR AT HOT STACK

SCALE 3"=1'-0"





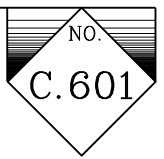
- 3. EXIST. DECK
- 6. EXISTING MEMBRANE TO REMAIN
- 40. EXIST. VENT STACK EXTENSION
- 54. MOD. BIT. STRIP-IN FLASHING
- 56. MOD. BIT. FLASHING - CAP
- 62. NEW PREFABRICATED LEAD BOOT FLASHING
- 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.

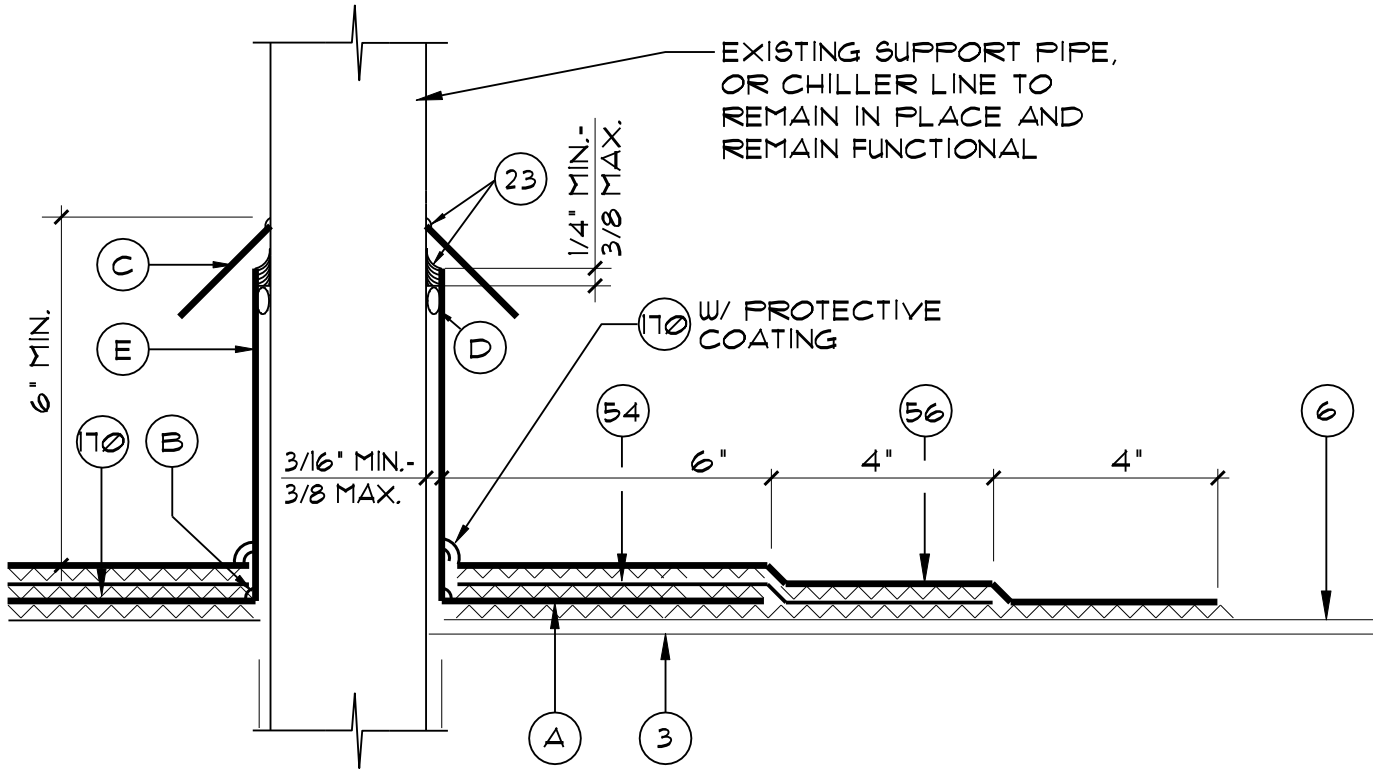


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TITLE VENT PIPE FLASHING  
 REPAIR AT B.U.R. W/ GRAVEL

SCALE 3" = 1'-0"





- |      |   |    |  |
|------|---|----|--|
| 3.   | EXISTING DECK   | A. | METAL FLANGE   |
| 6.   | EXISTING MEMBRANE TO REMAIN                                   | B. | PRESOLDERED SEAM   |
| 40.  | EXISTING VENT STACK EXTENSION                                 | C. | METAL SEALANT COVER - FRICTION FIT IN FIELD  |
| 54.  | MOD. BIT. STRIP-IN FLASHING                                   | D. | BACKER ROD   |
| 56.  | MOD. BIT. FLASHING - CAP                                      | E. | S.B.C. INDUSTRIES, MODEL P/D OR C/D SERIES 24 GA. S/S PIPE FLASHING OR APPROVED EQUAL (TWO-PIECE SPLIT FLASHING SYSTEM-FIELD SOLDER ALL SEAMS) |
| 170. | APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE. |    |  |

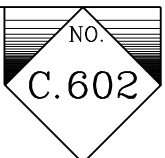


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TITLE EXISTING PIPE/CONDUIT WITH TWO-PIECE FLASHING

SCALE 3"=1'-0"

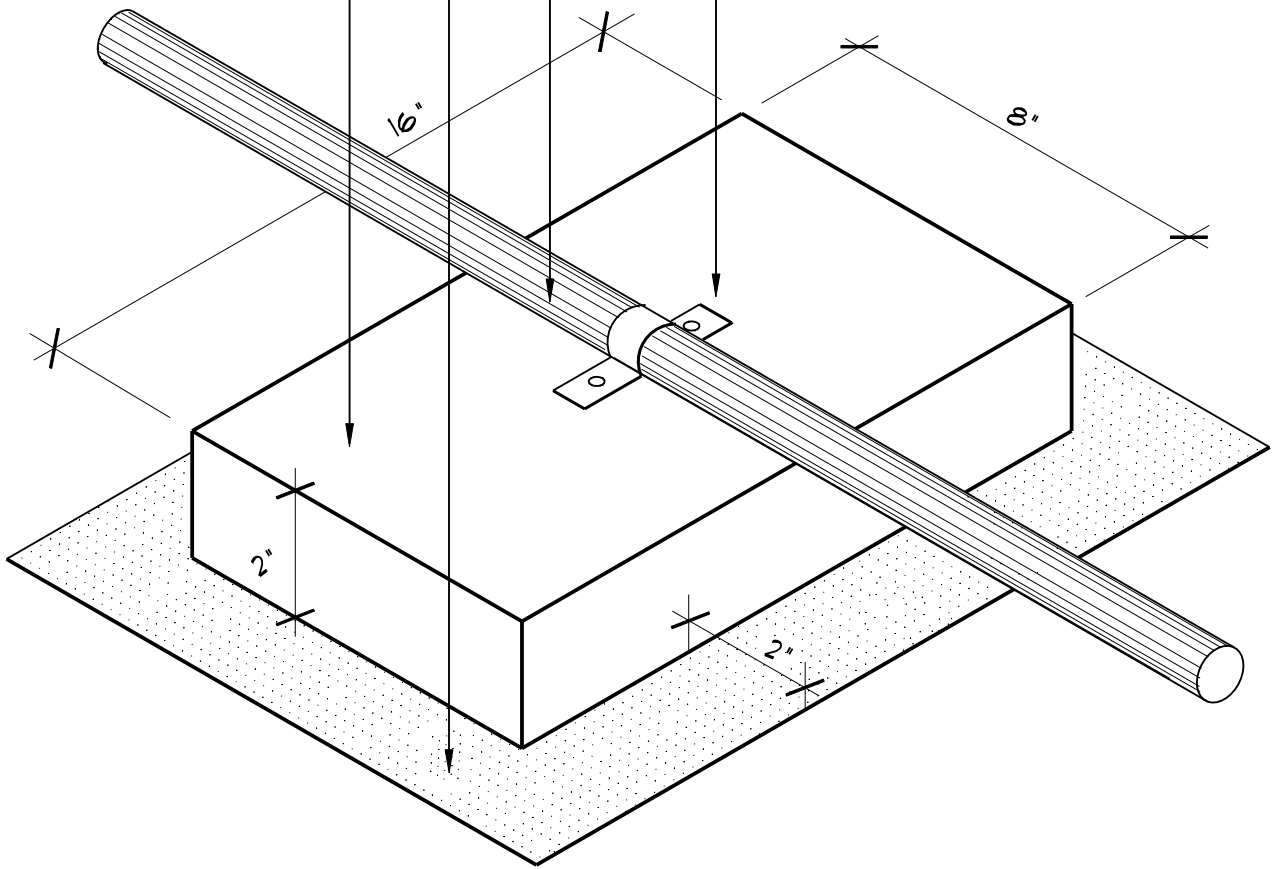


1" ST. STEEL  
METAL CLAMP

NEW CONDUIT OR  
CONDENSATE LINE

ADDITIONAL LAYER  
OF MEMBRANE

NEW PAVER BLOCKS @  
6'-0" O.C.



NOTE: INSTALL UNDER CONDUIT OR CONDENSATE LINES WHERE THEY OCCUR. SEE ROOF PLANS FOR LOCATIONS OF LINES. RAISE ALL SUCH LINES UP ON NEW PAVERS AS SHOWN.

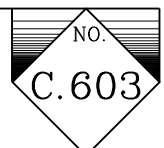


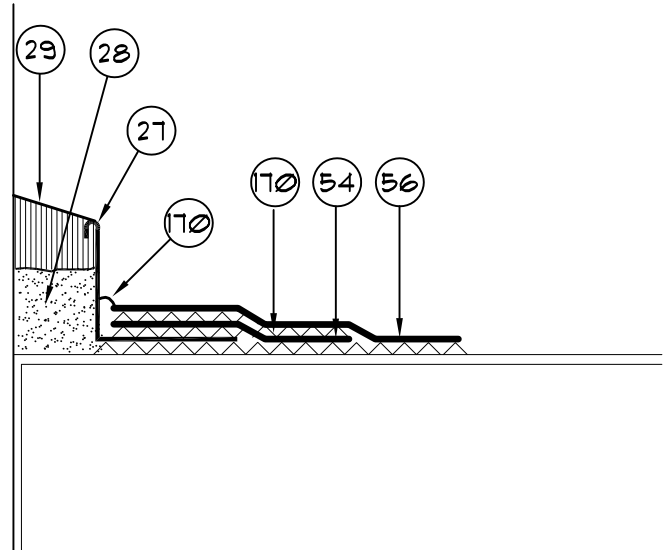
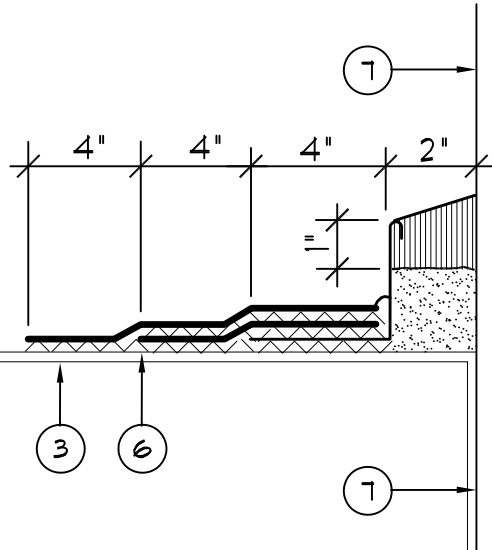
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TITLE CONCRETE  
PAVER BLOCK

SCALE 3" = 1'-0"





- 3. EXISTING DECK
- 6. EXISTING MEMBRANE TO REMAIN
- 7. EXISTING PENETRATION
- 27. PITCH PAN - SEE DETAIL (H.601)
- 28. NON-SHRINK GROUT

- 29. POURABLE SEALANT
- 54. MOD. BIT. STRIP-IN FLASHING
- 56. MOD. BIT. FLASHING - CAP
- 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.

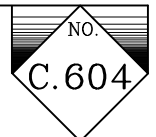


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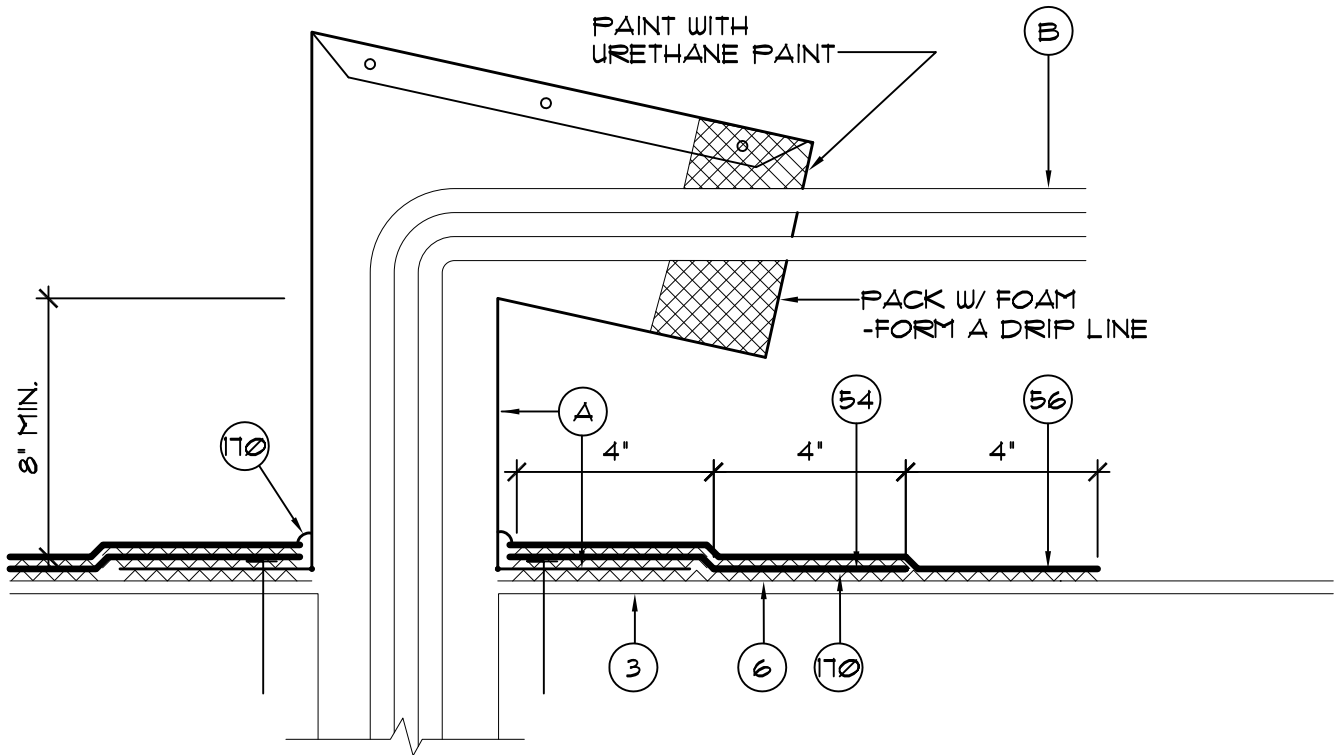
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TITLE PITCH PAN FLASHING

SCALE 1 1/2" = 1'







- |      |   |    |  |
|------|---|----|--|
| 3.   | EXISTING DECK   | A. | NEW GOOSENECK VENT<br>SEE DETAIL (H.602) |
| 6.   | EXISTING MEMBRANE TO REMAIN   | B. | EXISTING CONDUIT OR PIPES                |
| 54.  | MOD. BIT. STRIP-IN FLASHING   |    |  |
| 56.  | MOD. BIT. FLASHING - CAP  |    |  |
| 170. | APPROVED MANUFACTURER'S<br>TROWELABLE MODIFIED BITUMEN<br>ADHESIVE. |    |  |

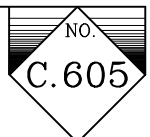


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TITLE SMALL CABLE GOOSENECK  
FLASHING

SCALE N.T.S.



ACAD FILE # 15036-C606

CATALOG #

PLOT SCALE : 3"=1'-0"

PROJECT NUMBER: 15036.00

CONT. WELD NEW ST. STL. TRANSITION HOOP SQUARE TO ROUND TO EXIST. FLUE STACK

NEW 18 GA. ST. STL. CURB MOUNTING FLANGE SEE DETAIL BELOW FOR FABRICATION

NEW 1/4"x2 1/2" COATED SCREWS @12" O.C. (2 FASTENERS PER SIDE MIN.)

1/4" ST. STL. "TEK" SCREWS THRU CURB & INTO MOUNTING FLANGE @ 12" O.C. MAX. (MIN. OF 2 FASTENERS PER SIDE)

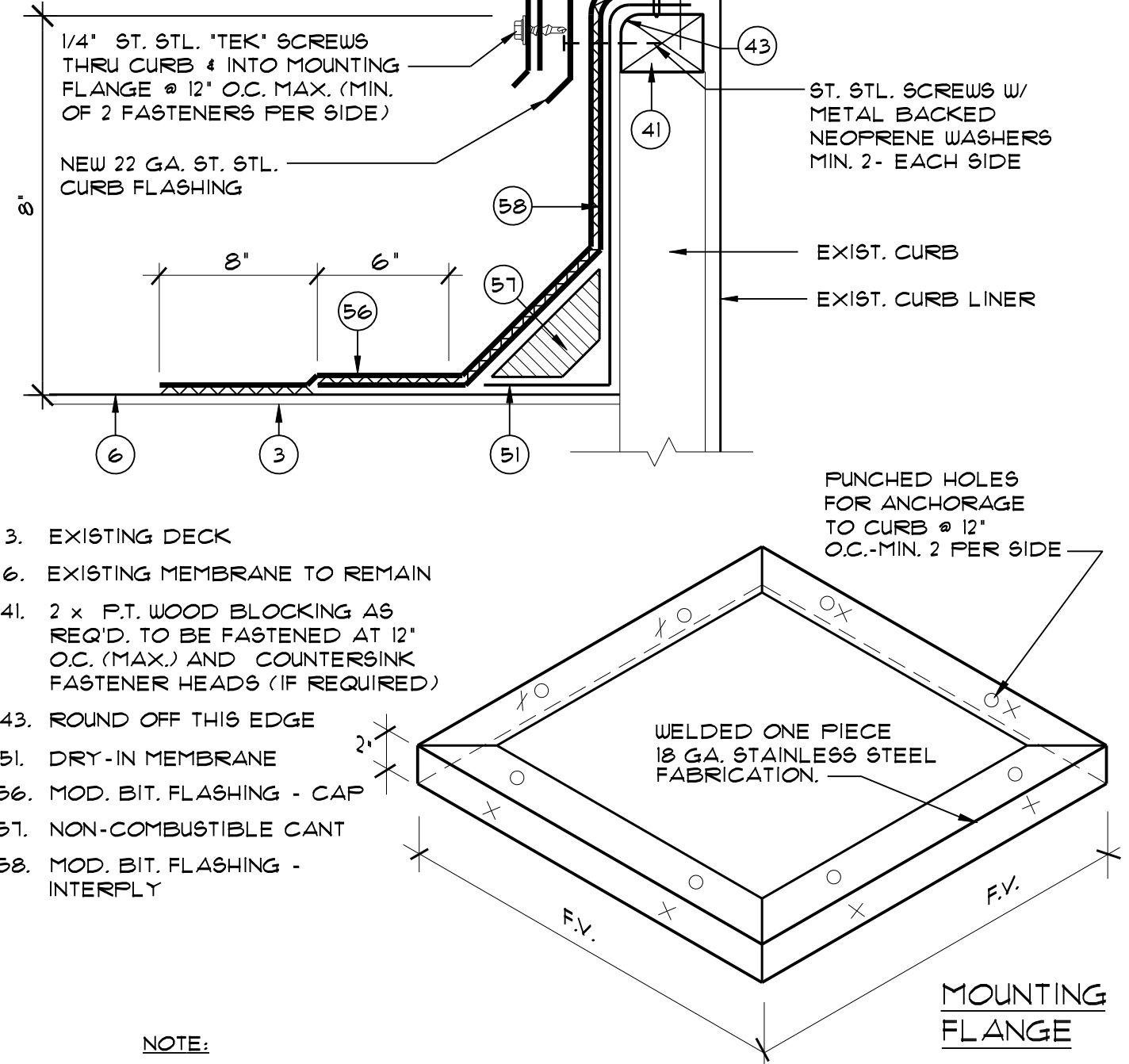
NEW 22 GA. ST. STL. CURB FLASHING

ST. STL. SCREWS W/ METAL BACKED NEOPRENE WASHERS MIN. 2- EACH SIDE

EXIST. CURB

EXIST. CURB LINER

PUNCHED HOLES FOR ANCHORAGE TO CURB @ 12" O.C.-MIN. 2 PER SIDE



- 3. EXISTING DECK
- 6. EXISTING MEMBRANE TO REMAIN
- 41. 2 x P.T. WOOD BLOCKING AS REQ'D. TO BE FASTENED AT 12" O.C. (MAX.) AND COUNTERSINK FASTENER HEADS (IF REQUIRED)
- 43. ROUND OFF THIS EDGE
- 51. DRY-IN MEMBRANE
- 56. MOD. BIT. FLASHING - CAP
- 57. NON-COMBUSTIBLE CANT
- 58. MOD. BIT. FLASHING - INTERPLY

**NOTE:**

- 1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
- 2. DIM. NOT GIVEN TO BE FIELD VERIFIED.

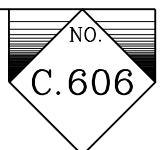


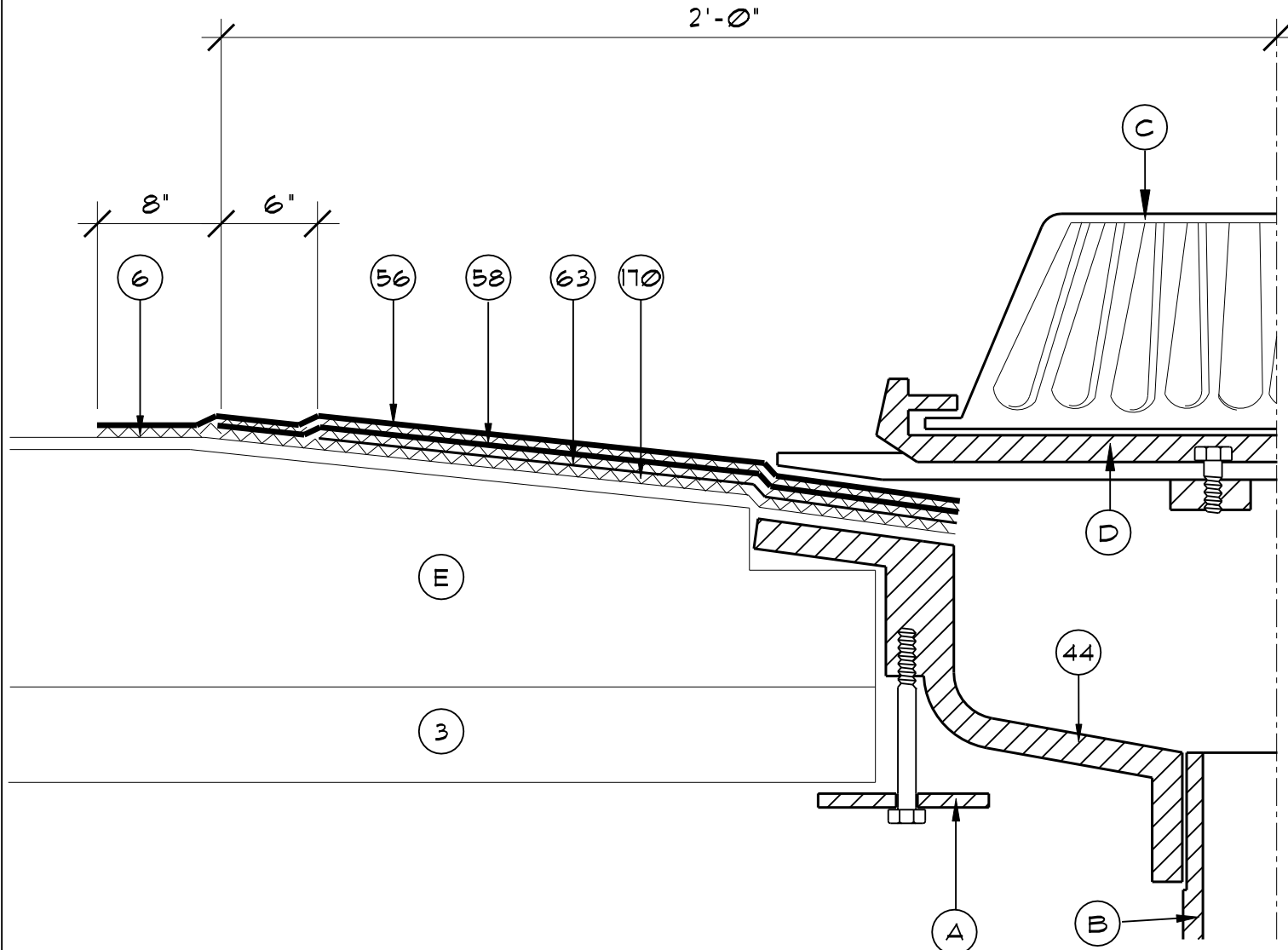
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TITLE MECHANICAL CURB REPAIR AT HOT STACK

SCALE 3'=1'-0"





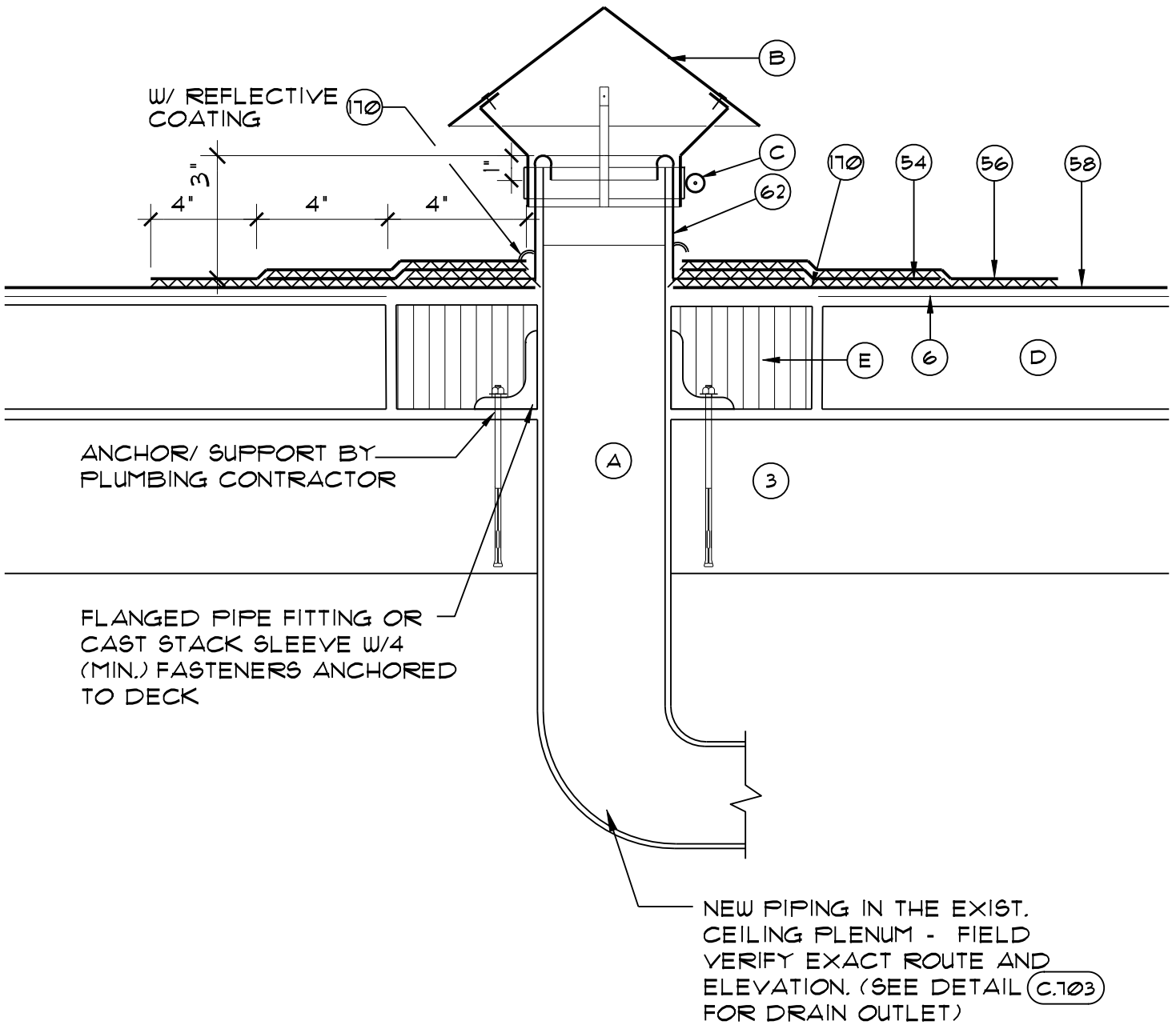
- |  |                        |
|--|------------------------|
| 3. EXISTING DECK   | A. UNDER DECK CLAMP    |
| 6. EXISTING MEMBRANE TO REMAIN                                     | B. DRAIN PIPE          |
| 44. NEW ROOF DRAIN   | C. STRAINER            |
| 56. MOD. BIT. FLASHING - CAP                                       | D. CLAMPING RING       |
| 58. MOD. BIT. FLASHING - INTERPLY                                  | E. EXISTING INSULATION |
| 63. NEW LEAD FLASHING 36" SQUARE                                   |                        |
| 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE. |                        |



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TITLE ROOF DRAIN FLASHING REPAIR  
SCALE 3" = 1'-0"





ANCHOR/ SUPPORT BY PLUMBING CONTRACTOR

FLANGED PIPE FITTING OR CAST STACK SLEEVE W/4 (MIN.) FASTENERS ANCHORED TO DECK

NEW PIPING IN THE EXIST. CEILING PLENUM - FIELD VERIFY EXACT ROUTE AND ELEVATION. (SEE DETAIL C.103 FOR DRAIN OUTLET)

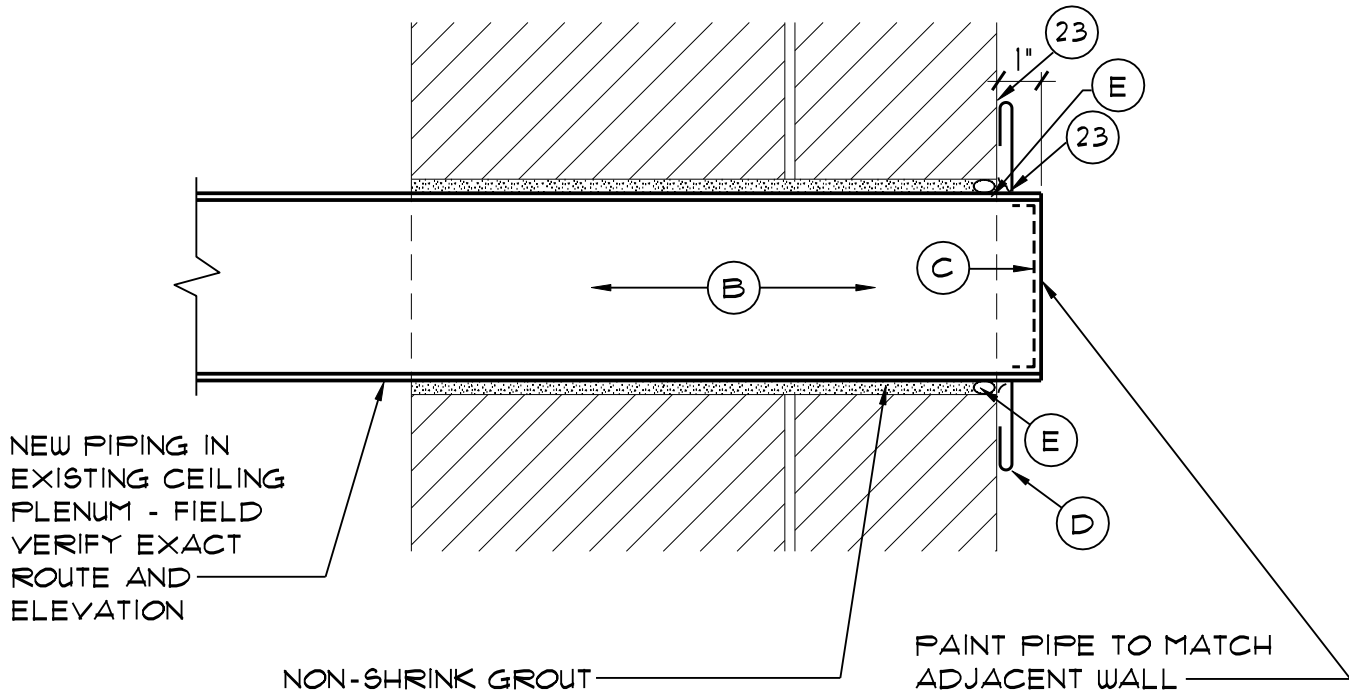
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|---|---|
| <ul style="list-style-type: none"> <li>3. EXISTING DECK</li> <li>6. EXISTING MEMBRANE TO REMAIN</li> <li>54. MOD. BIT. STRIP-IN FLASHING</li> <li>56. MOD. BIT. FLASHING - CAP</li> <li>58. MOD. BIT. FLASHING - INTERPLY</li> <li>62. LEAD BOOT</li> <li>170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.</li> </ul> | <ul style="list-style-type: none"> <li>A. OVERFLOW ROOF DRAIN PIPE</li> <li>B. CHINA CAP W / 4 SUPPORT STRAPS</li> <li>C. ST. STL. DRAW BAND</li> <li>D. EXISTING INSULATION</li> <li>E. REMOVE EXISTING INSULATION AS REQ'D. TO INSTALL NEW BLK'G. FILL W/ RIGID INSUL.</li> </ul> |
|---|---|



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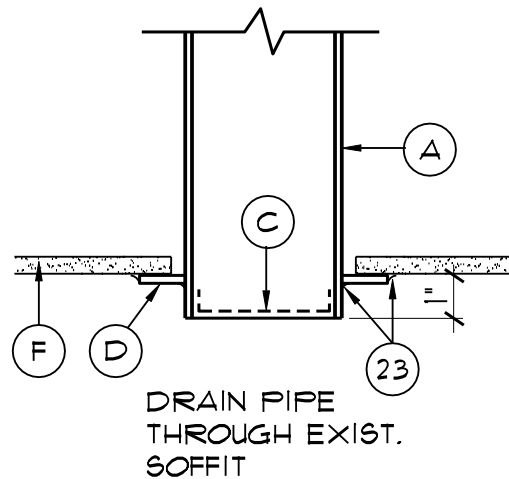
TITLE NEW EMERGENCY OVERFLOW DRAIN FLASHING  
SCALE 3" = 1'-0"





HORIZONTAL WALL OUTLET

- 23. SEALANT
- A. OVERFLOW ROOF DRAIN PIPE
- B. CORE DRILL EXISTING STRUCTURE, PIPE SIZE + 1"
- C. FOLD INSECT/BIRD SCREEN & INSERT INTO PIPE END
- D. 22 GA. ST. STL. ESCUTCHEON PLATE W/ HEMMED EDGE
- E. BACKER ROD
- F. EXISTING SOFFIT



VERTICAL WALL OUTLET

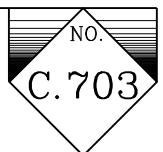


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TITLE OVERFLOW DRAIN  
 OUTLET

SCALE N.T.S.

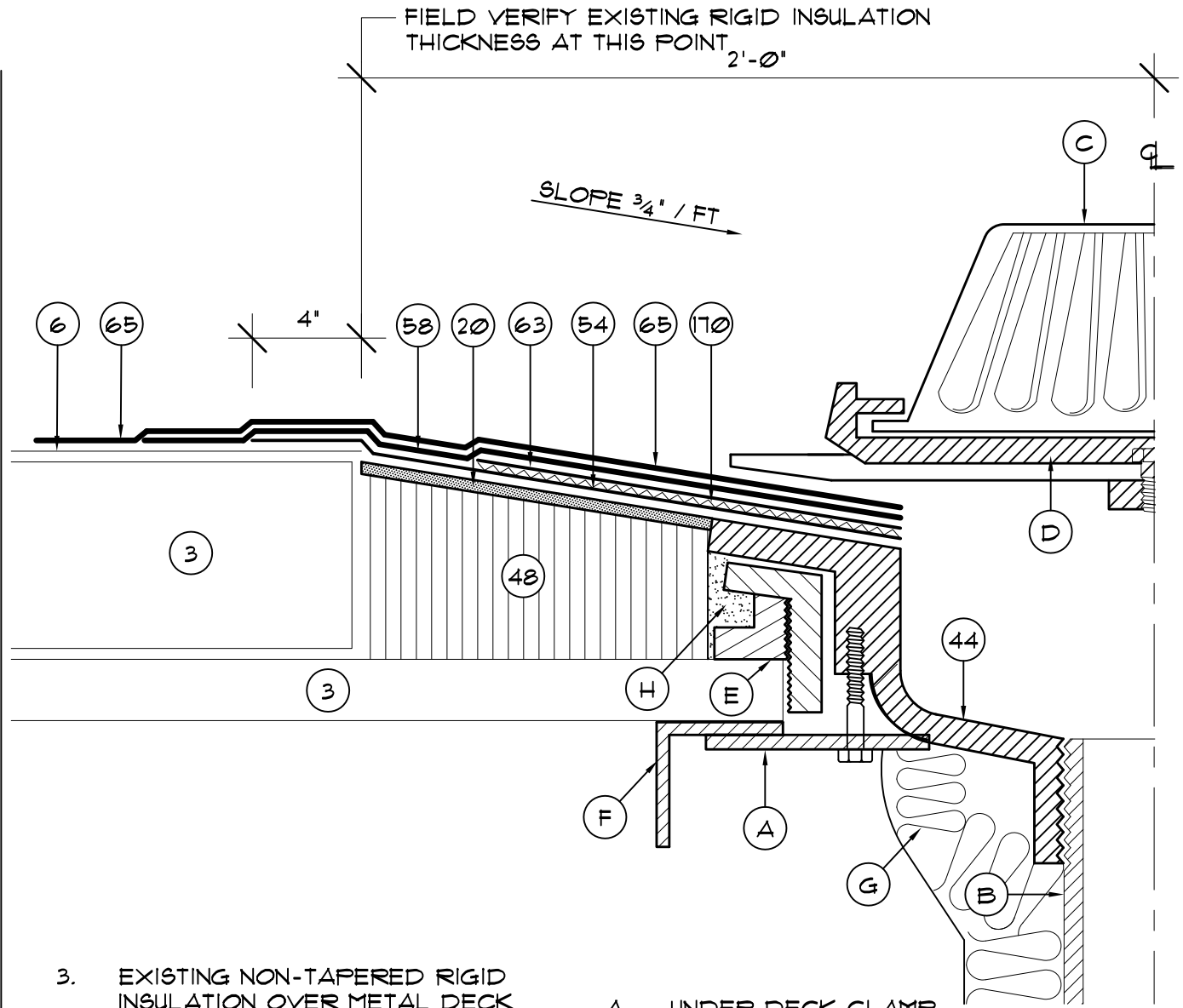


ACAD FILE # 15036C704

DATE: ..

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 15036.00



- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>3. EXISTING NON-TAPERED RIGID INSULATION OVER METAL DECK</li> <li>6. EXISTING MEMBRANE TO REMAIN</li> <li>20. GYPSUM ROOF BOARD</li> <li>44. EXISTING OR NEW ROOF DRAIN - ADJUST ELEV. ABOVE DECK IN FIELD</li> <li>48. 3/4" / FT SLOPED SUMP FROM TAPERED RIGID INSULATION - 2' FROM CENTER EACH WAY</li> <li>54. STRIP-IN FLASHING</li> <li>58. MOD. BIT. FLASHING INTERPLY</li> <li>63. 4# LEAD FLASHING 36" SQUARE</li> <li>65. MODIFIED BITUMEN MEMBRANE</li> <li>170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.</li> </ul> | <ul style="list-style-type: none"> <li>A. UNDER DECK CLAMP</li> <li>B. EXIST. DRAIN PIPE - MODIFY AS REQ'D</li> <li>C. NEW STRAINER</li> <li>D. NEW CLAMPING RING</li> <li>E. MFR'S STD. ADJUSTABLE HEIGHT COLLAR - ANCHOR TO DECK W/ 4-1/4" φ SCREWS</li> <li>F. EXISTING SUPPLEMENTAL REINFORCING FRAMING AT PERIMETER OF ROOF DRAIN DECK OPENING</li> <li>G. WRAP ROOF LEADER PIPE &amp; PACK UNDER DRAIN W/ NON-COMBUSTIBLE INSULATION</li> <li>H. SPRAY URETHANE FROM FILLER/ SEALANT</li> </ul> |
|---|---|



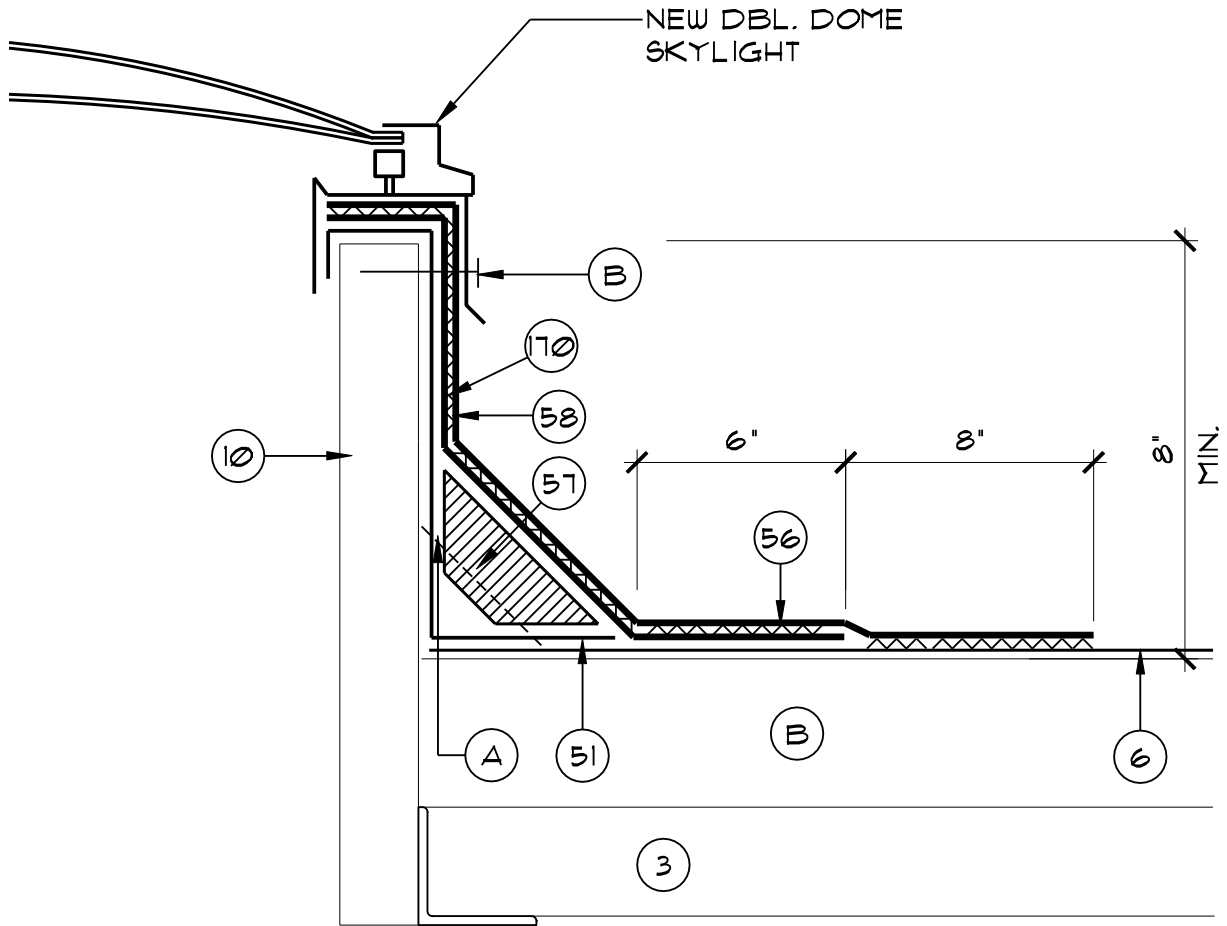
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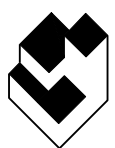
TITLE TYP. ROOF DRAIN FLASHING AND NEW SUMP DETAIL

SCALE 3" = 1'-0"





- |  |  |
|--|--|
| 3. EXISTING DECK   | A. REMOVE EXISTING WALL FLASHING AND CANT.                                 |
| 6. EXISTING MEMBRANE TO REMAIN                                     | B. NEW ST. STL. SCREWS W/ METAL BACKED NEOPRENE WASHERS (MIN. 2 EACH SIDE) |
| 9. EXISTING MECH. EQUIPMENT REMOVE AND REINSTALL                   | C. EXISTING INSULATION   |
| 10. EXISTING CURB TO REMAIN  |  |
| 51. DRY-IN MEMBRANE  |  |
| 56. MOD. BIT. FLASHING - CAP                                       |  |
| 57. NON-COMBUSTIBLE CANT   |  |
| 58. MOD. BIT. FLASHING - INTERPLY                                  |  |
| 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE. |  |



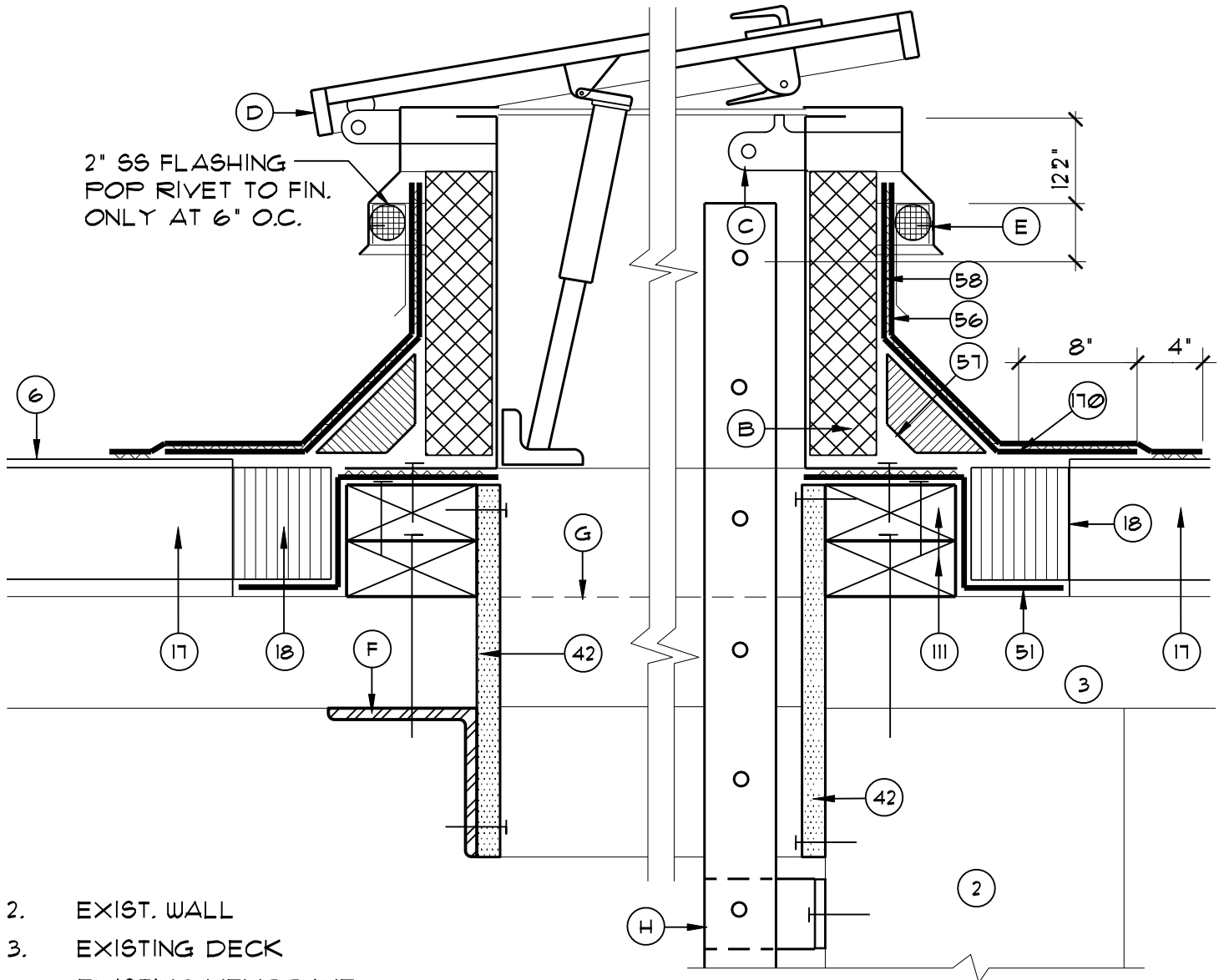
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TITLE SKYLIGHT REPAIR DETAIL  
  
SCALE N.T.S.









2" SS FLASHING  
POP RIVET TO FIN.  
ONLY AT 6" O.C.

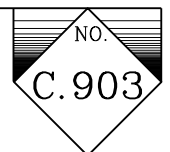
- 2. EXIST. WALL
- 3. EXISTING DECK
- 6. EXISTING MEMBRANE
- 17. REMOVE EXIST. INSULATION AS REQ'D. TO INSTALL NEW ROOF HATCH
- 18. NEW RIGID INSULATION AS REQUIRED
- 42. 5/8" TYPE X GYPSUM BOARD PAINT TO MATCH EXISTING
- 51. DRY-IN MEMBRANE
- 56. MOD. BIT. FLASHING - CAP
- 57. NON-COMBUSTIBLE CANT
- 58. MOD. BIT. FLASHING - INTERPLY
- III. 2X 6 P.T. WOOD BLOCKING AS REQUIRED.
- 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.
- A. NEW PREMANUFACTURED MTL. CURB
- B. 1" FIBERBOARD INSUL. ALL AROUND OUTSIDE OF CURB
- C. PADLOCK HASP
- D. NEW BILCO 5-20 ROOF HATCH. PRIME, & TWO FINISHED COATS OF PAINT TAN COLOR
- E. INTEGRAL CAP FLASHING W/ BILCLIP, BACKER ROD & SEALANT
- F. NEW 4X4X1/8 ANGLE SUPPORT TO EXIST. BAR JOISTS- SEE DETAIL (J.102)
- G. SAW CUT EXIST. DECK AS REQ'D TO INSTALL NEW ROOF HATCH
- H. NEW GALV. LADDER - SEE DTL. (J.101) FOR DETAILS AND PLAN

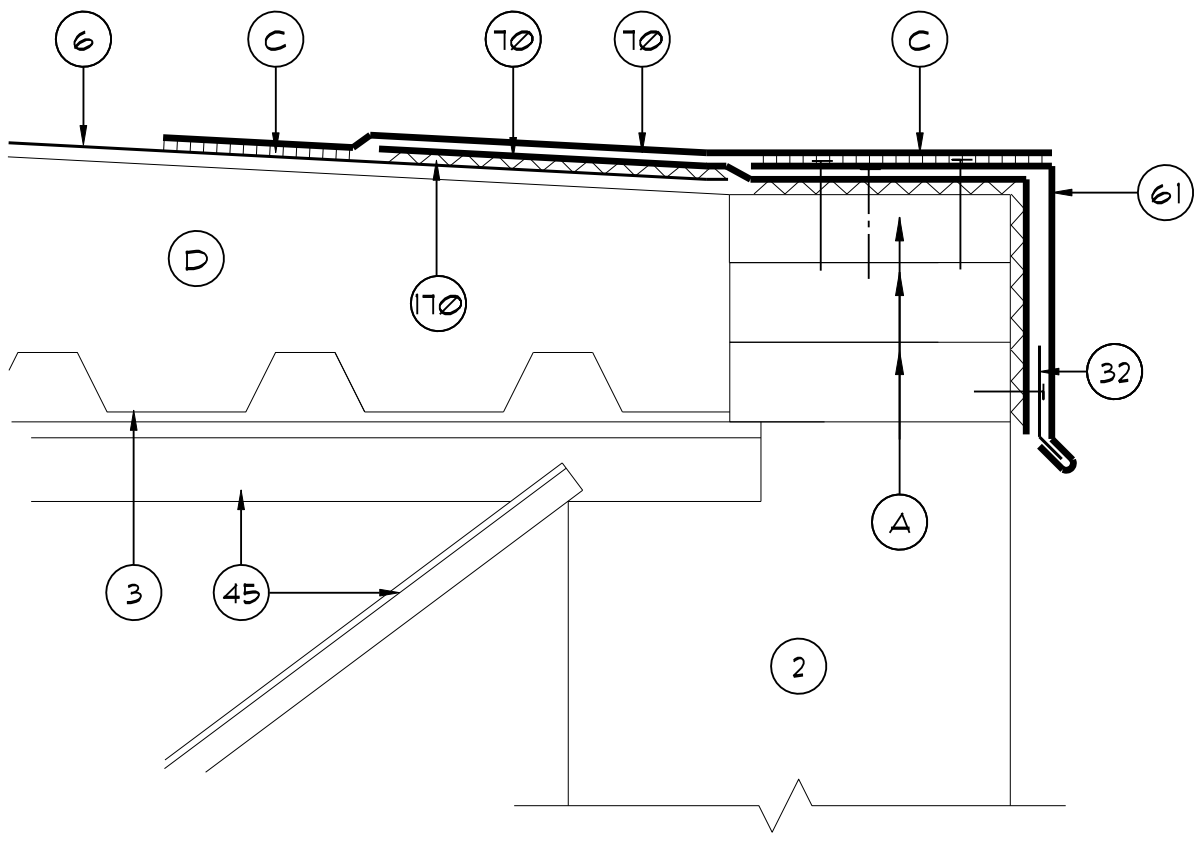


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TITLE NEW ROOF HATCH DETAIL

SCALE N.T.S.





- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>2. EXISTING WALL</li> <li>3. EXIST. DECK</li> <li>6. EXIST. SINGLE-PLY MEMBRANE</li> <li>32. CONTINUOUS CLEAT</li> <li>61. EDGE METAL - SEE DETAIL (H.105) COATED ST. STL. PER MFR'S RECOMMENDATION</li> <li>70. FLEXIBLE SHEET FLASHING</li> <li>170. APPROVED MANUFACTURER'S ADHESIVE</li> </ul> | <ul style="list-style-type: none"> <li>A. EXIST. WOOD NAILER 2X4 P.T.- REPLACE WHERE DAMAGED OR DETERIORATED</li> <li>B. EXIST. 2X8 P.T WD. NAILER REPLACE WHERE DAMAGED OR DETERIORATED.</li> <li>C. HEAT WELD</li> <li>D. EXIST. INSULATION</li> </ul> |
|---|--|

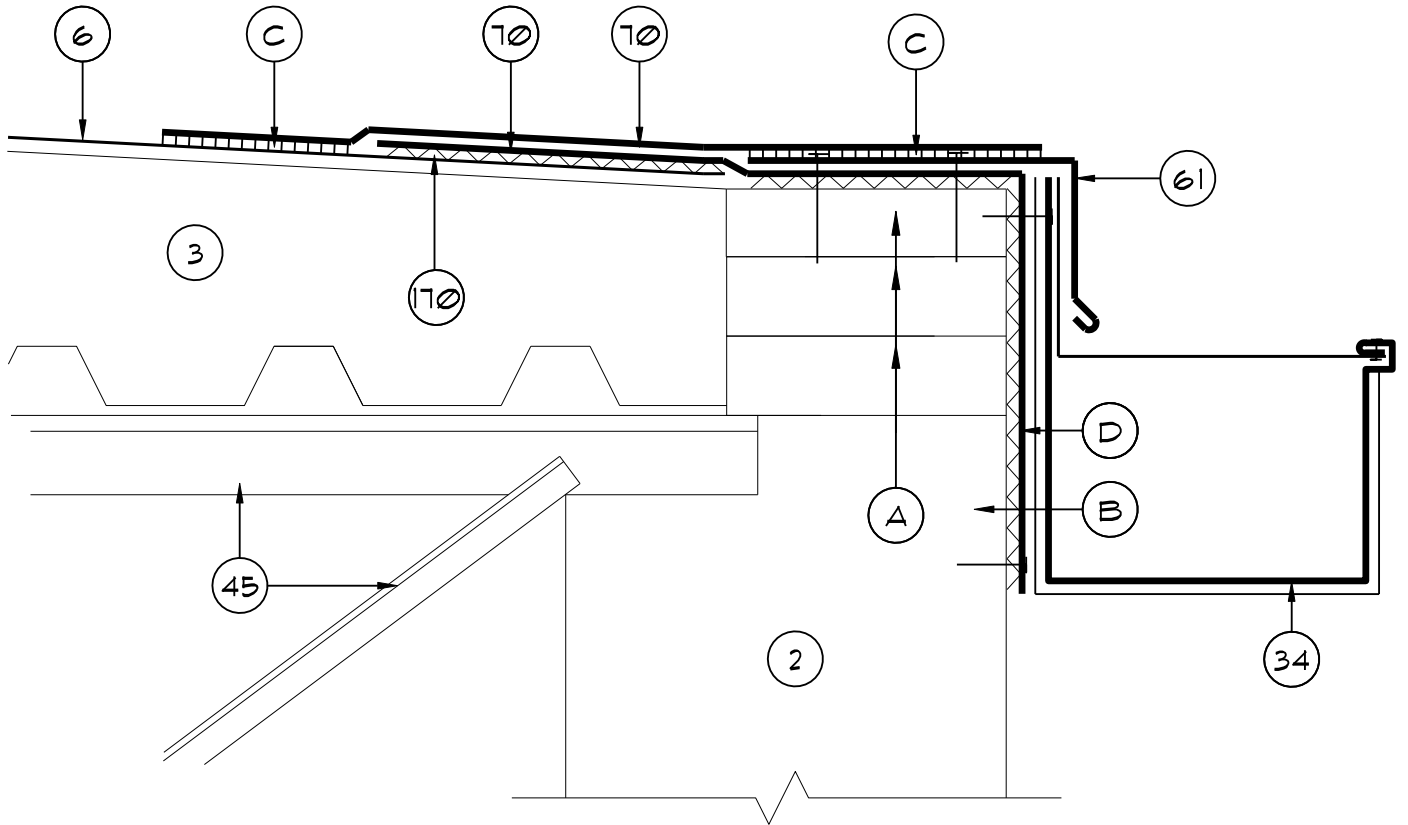


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TITLE EDGE FLASHING REPAIR  
 DETAIL

SCALE N.T.S.





- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>2. EXISTING WALL</li> <li>3. EXISTING DECK</li> <li>6. EXIST. SINGLE-PLY MEMBRANE</li> <li>34. NEW GUTTER- SEE DET. (H 701)</li> <li>61. EDGE METAL - SEE DETAIL (H.105)<br/>COATED ST. STL. PER MFR'S<br/>RECOMMENDATION</li> <li>70. FLEXIBLE SHEET FLASHING</li> <li>170. APPROVED MANUFACTURER'S<br/>ADHESIVE</li> </ul> | <ul style="list-style-type: none"> <li>A. EXIST. WOOD NAILER 2X4 P.T.-<br/>REPLACE WHERE DAMAGED OR<br/>DETERIORATED</li> <li>B. EXIST. 2X8 P.T WD. NAILER<br/>REPLACE WHERE DAMAGED<br/>OR DETERIORATED.</li> <li>C. HEAT WELD</li> </ul> |
|---|--|



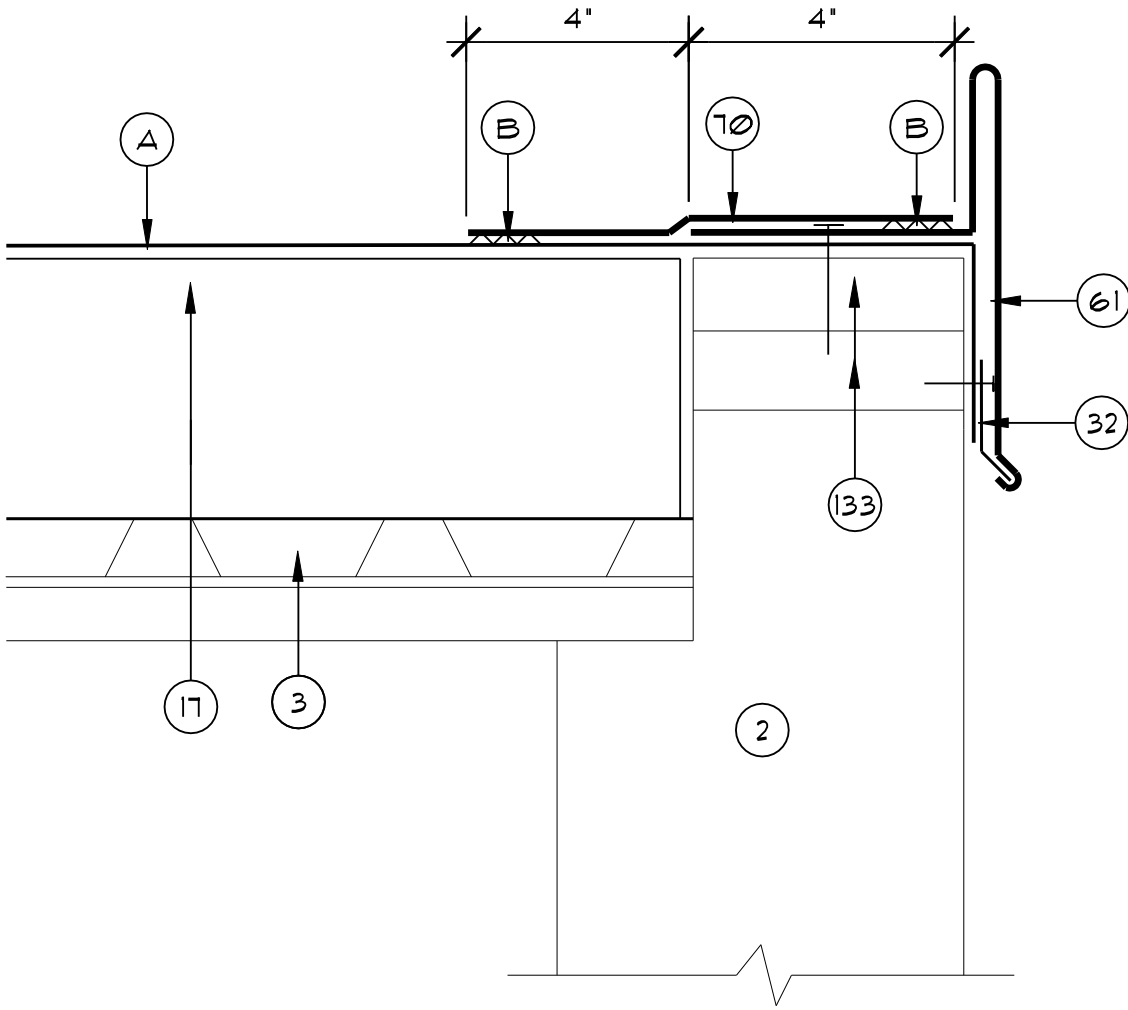
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TITLE EDGE FLASHING REPAIR  
DETAIL

SCALE N.T.S.





- |      |                                 |    |                            |
|------|---------------------------------|----|----------------------------|
| 2.   | EXIST. CONC. WALL               | A. | EXIST. SINGLE-PLY MEMBRANE |
| 3.   | EXIST. METAL DECK               | B. | HEAT WELD                  |
| 17.  | EXIST. INSULATION               |    |                            |
| 32.  | CONTINUOUS CLEAT                |    |                            |
| 61.  | EDGE METAL - SEE DETAIL (1.104) |    |                            |
| 10.  | FLEXIBLE SHEET FLASHING         |    |                            |
| 133. | EXISTING 2X4 P.T. WOOD NAILER   |    |                            |



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TITLE EDGE FLASHING REPAIR  
 DETAIL

SCALE N.T.S.

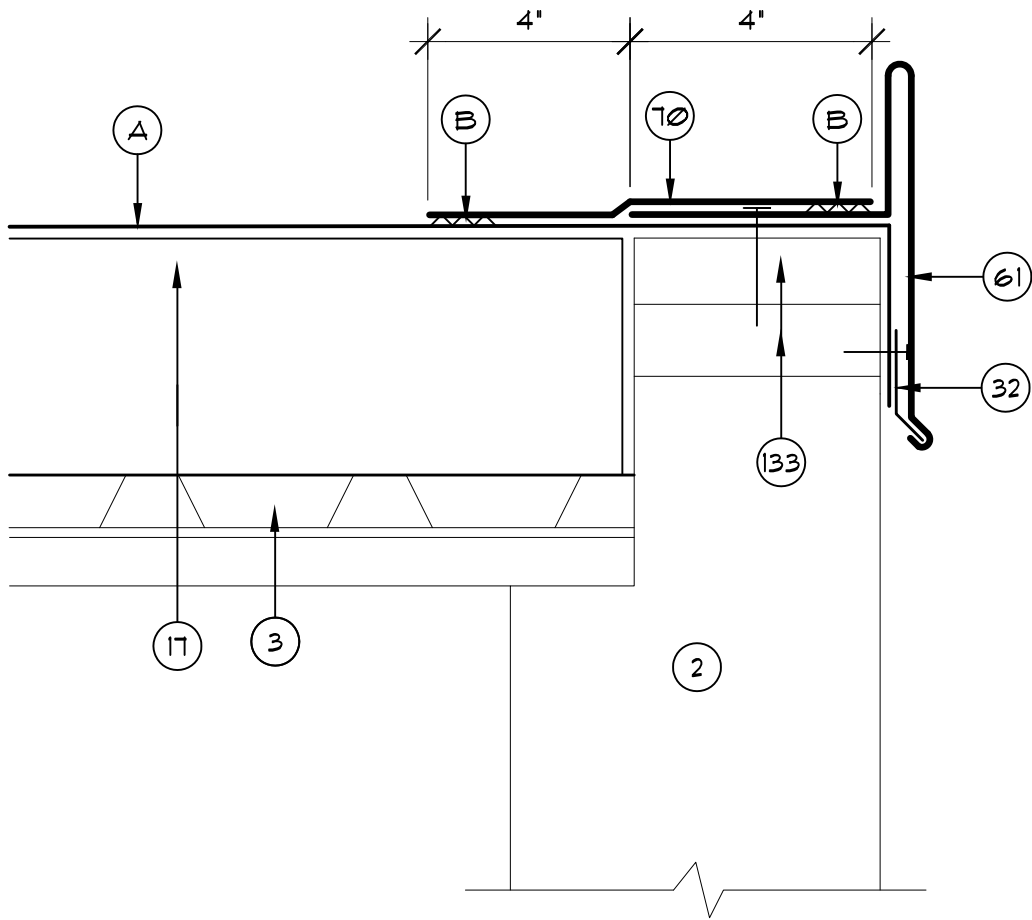


ACAD FILE # 15036D103

DATE: -

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 15036.00

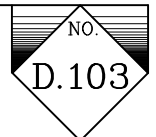


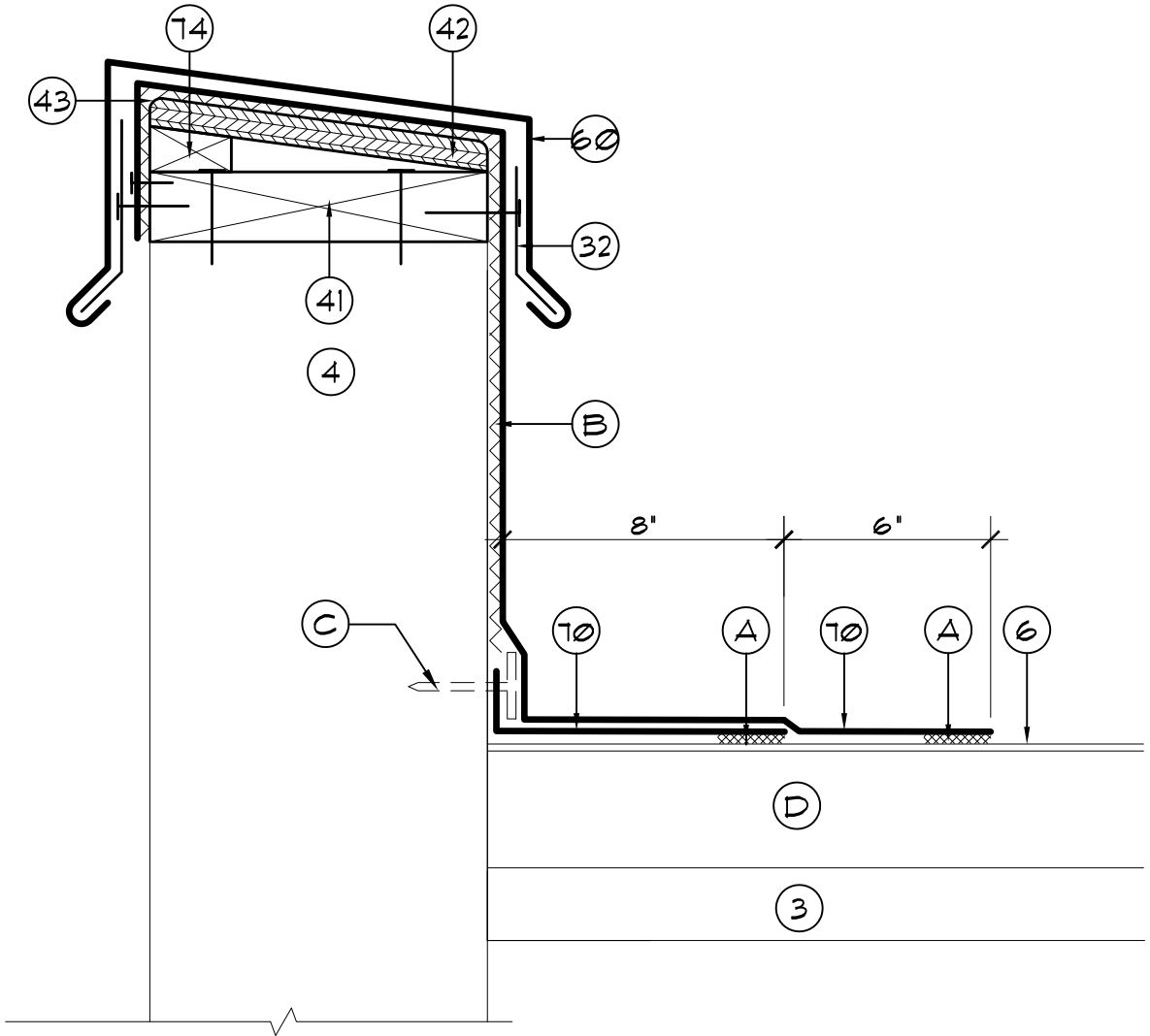
- |   |                               |
|---|-------------------------------|
| 2. EXIST. CONC. WALL  | A. EXIST. SINGLE-PLY MEMBRANE |
| 3. EXIST. METAL DECK  | B. HEAT WELD                  |
| 17. EXIST. INSULATION   |                               |
| 32. CONTINUOUS CLEAT  |                               |
| 61. EDGE METAL - SEE DETAIL (H. 104)<br>COATED ST. STL. PER MFR'S<br>RECOMMENDATION |                               |
| 10. FLEXIBLE SHEET FLASHING   |                               |
| 133. EXISTING 2X4 P.T. WOOD NAILER  |                               |



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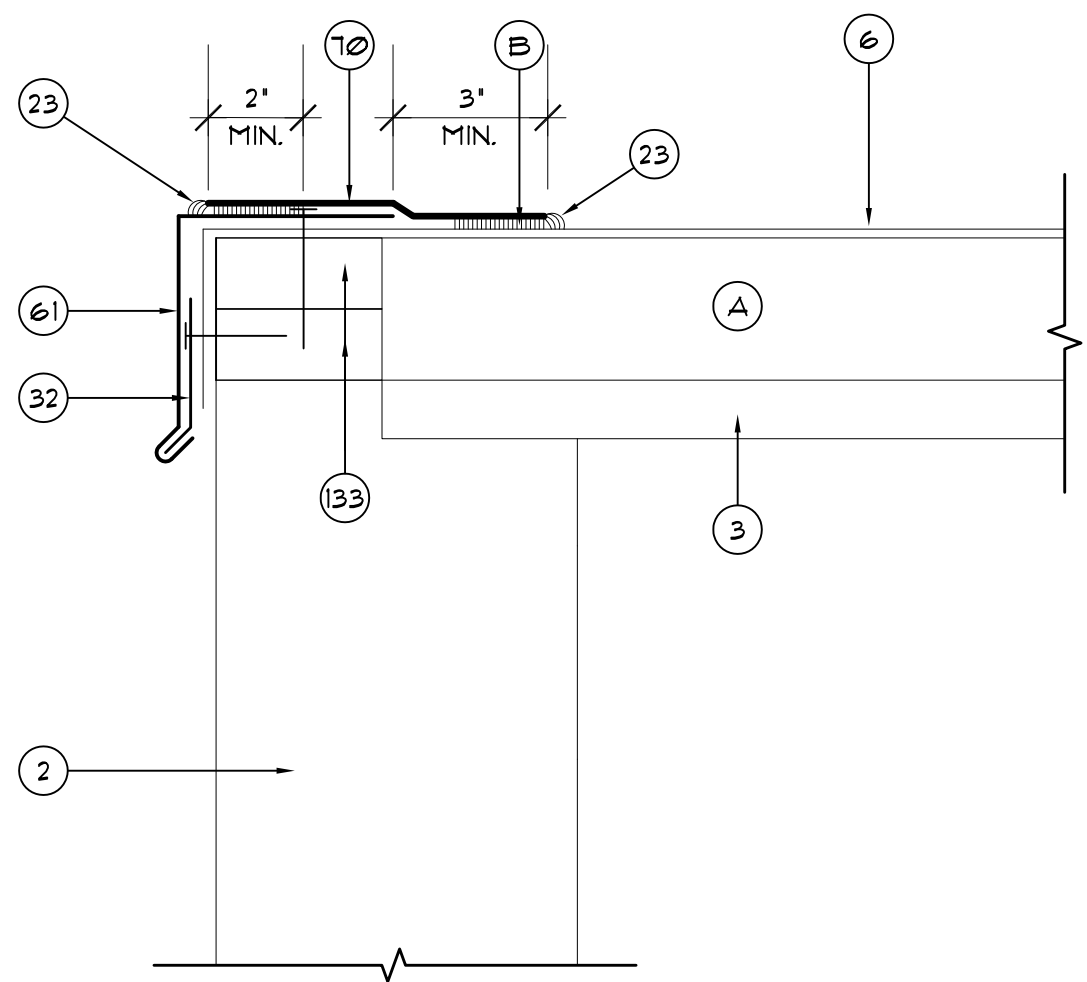
TITLE EDGE FLASHING REPAIR  
 DETAIL  
SCALE N.T.S.





- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>3. EXISTING DECK</li> <li>4. EXIST. WALL</li> <li>6. EXISTING MEMBRANE TO REMAIN</li> <li>32. CONTINUOUS CLEAT</li> <li>41. 2X8 P.T. WD. NAILER SCREW FASTEN @ 12' O.C. STAGGERED. COUNTERSINK SCREWHEADS.</li> <li>42. 5/8" PLYWOOD-SCREW FASTEN @ 8' O.C. TOP &amp; BOTTOM STAGGERED. COUNTERSINK SCREWHEADS.</li> <li>43. ROUND OFF THIS EDGE</li> </ul> | <ul style="list-style-type: none"> <li>60. PARAPET CAP - SEE DETAIL (H. 801)</li> <li>70. FLEXIBLE SHEET FLASHING</li> <li>74. 1X2 P.T. WOOD NAILER</li> <li>133. EXISTING WOOD BLOCKING TO REMAIN. REPLACE DETERIORATED WOOD BLOCKING.</li> <li>A. HEAT WELD</li> <li>B. MANUFACTURER'S APPROVED ADHESIVE</li> <li>C. FASTENERS W/ STRESS PLATES</li> <li>D. EXIST. INSULATION</li> </ul> |
|--|--|





- 2. EXISTING WALL
- 3. EXISTING DECK
- 6. EXISTING MEMBRANE TO REMAIN
- 23. SEALANT
- 32. CONTINUOUS CLEAT
- 61. EDGE METAL - SEE DETAIL (H1.05)
- 70. FLEXIBLE SHEET FLASHING
- 133. EXISTING WOOD BLOCKING TO REMAIN. REPLACE WHERE DAMAGED OR DETERIORATED
- A. EXISTING INSULATION
- B. MANUFACTURER'S STANDARD LAP JOINT UTILIZING TAPE AND/OR ADHESIVE PER MANUFACTURER'S DETAILS



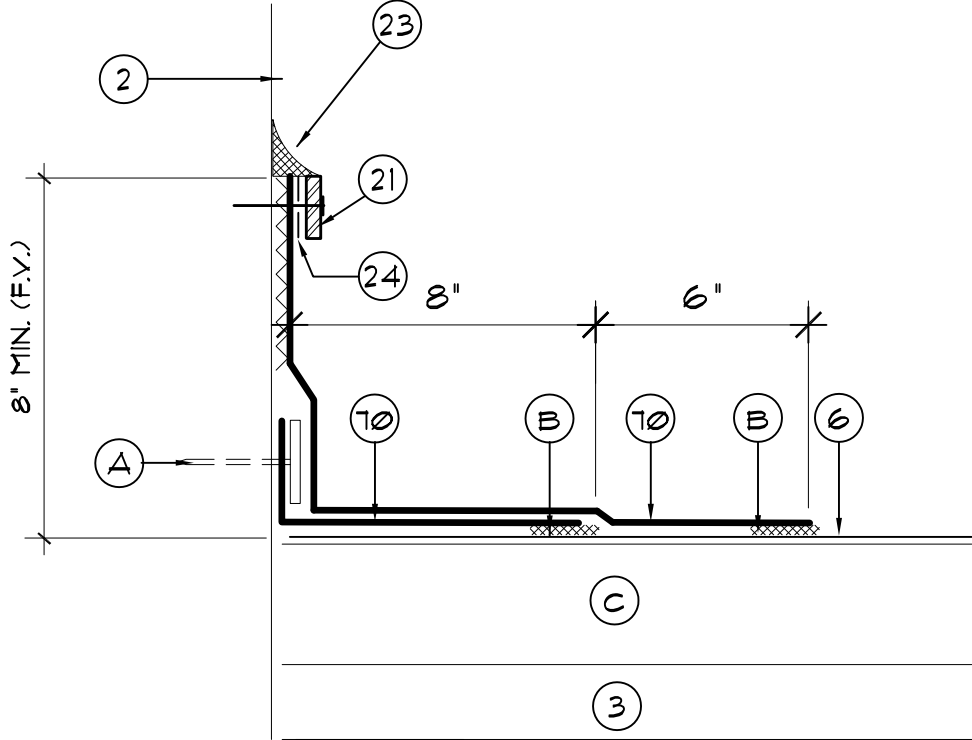
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TITLE EDGE FLASHING REPAIR  
 DETAIL

SCALE N.T.S.





- |  |                             |
|--|-----------------------------|
| 2. EXISTING WALL   | 23. SEALANT                 |
| 3. EXISTING DECK   | 24. FLASHING TAPE           |
| 21. SURFACE APPLIED TERMINATION BAR - SEE DETAIL (H.203) | 70. FLEXIBLE SHEET FLASHING |

- A. FASTENERS W/ STRESS PLATES
- B. HEAT WELD
- C. EXISTING INSULATION



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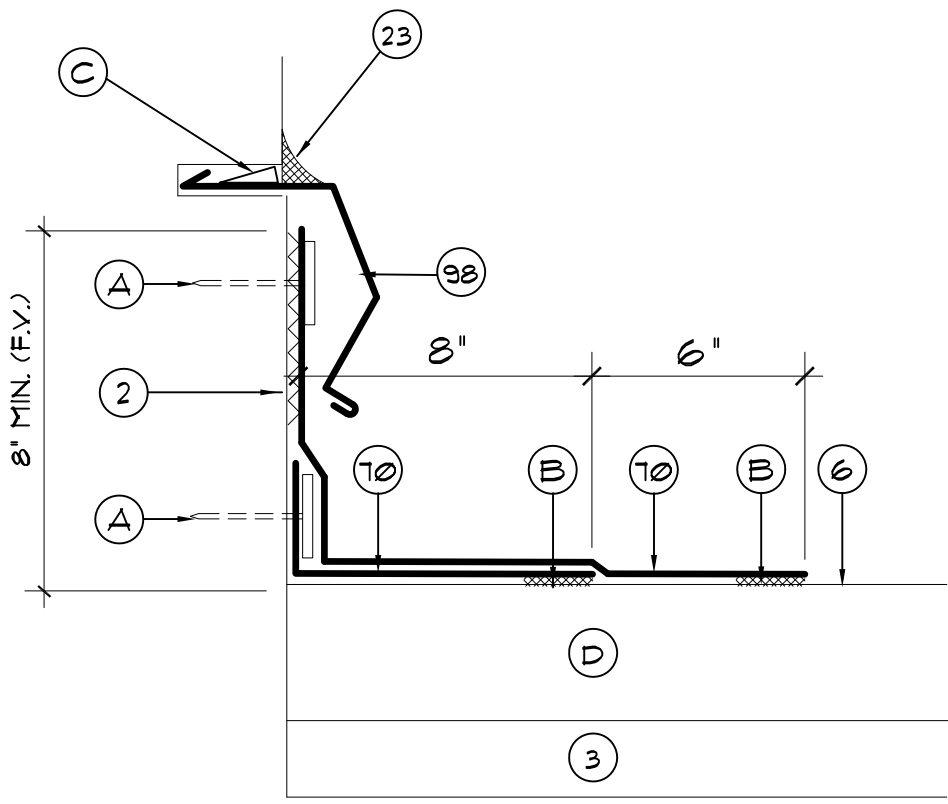
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TITLE WALL FLASHING

SCALE 3"=1'







- 2. EXISTING WALL
- 3. EXISTING DECK
- 23. SEALANT
- 70. FLEXIBLE SHEET FLASHING
- 98. REGLET APPLIED COUNTERFLASHING - SEE DETAIL (H.202)

- A. FASTNERS W/ STRESS PLATES
- B. HEAT WELD
- C. LEAD WEDGES @ 12" O.C.
- D. EXISTING INSULATION

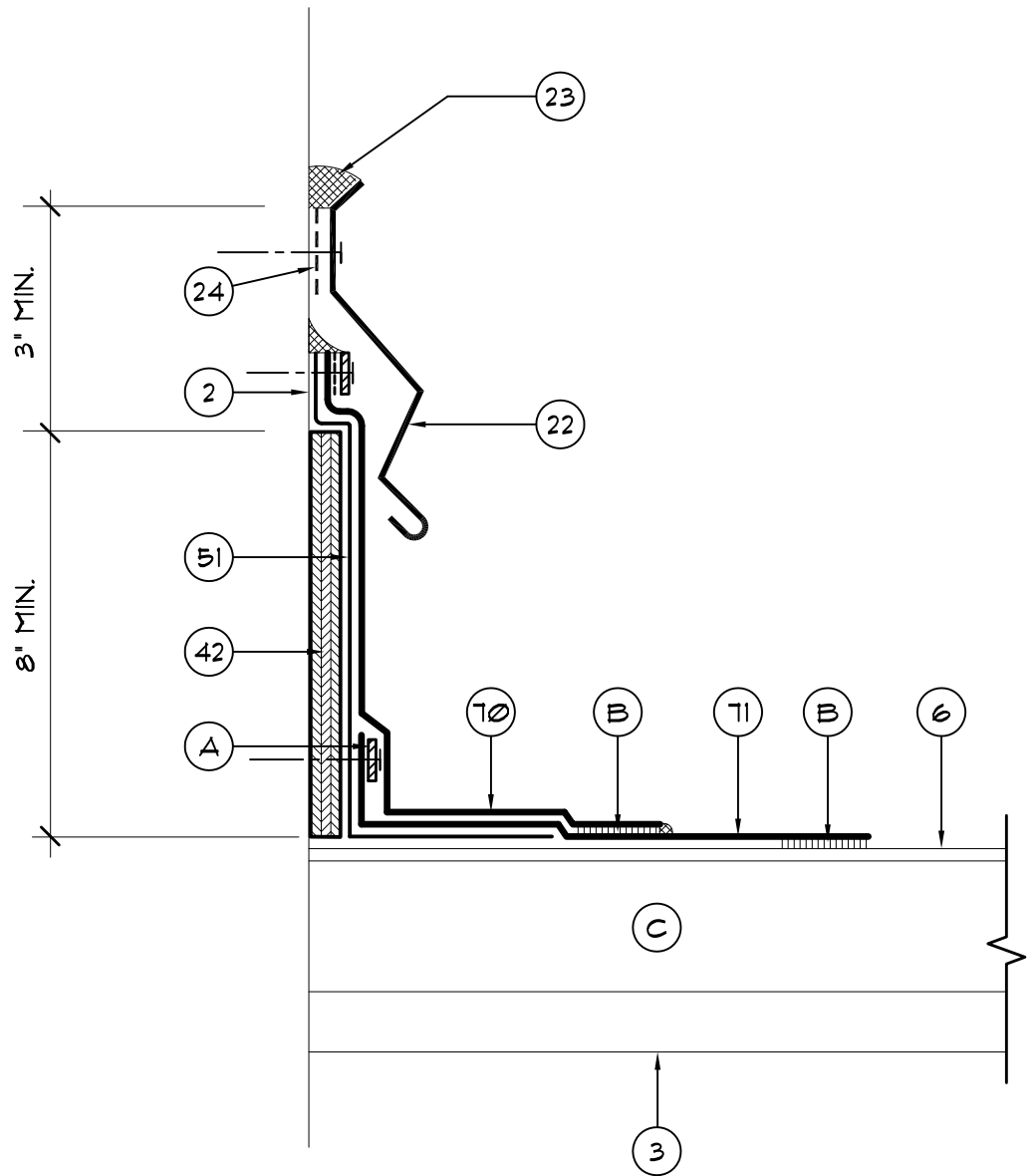


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 601 NORTH FERN CREEK AVENUE SUITE 100  
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 TEL (407)896-7875 FAX (407)898-6043

TITLE WALL FLASHING

SCALE 3"=1'





- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>2. EXISTING WALL</li> <li>3. EXISTING DECK</li> <li>6. EXISTING MEMBRANE TO REMAIN</li> <li>22. COUNTERFLASHING, SURFACE APPLIED - SEE DETAIL (H201)</li> <li>23. SEALANT</li> <li>24. FLASHING TAPE</li> <li>42. 5/8" PLYWOOD - SCREW FASTEN @ 8" O.C. (MAX.) TOP &amp; BOTTOM &amp; STAGGER - COUNTERSINK HEADS</li> </ul> | <ul style="list-style-type: none"> <li>51. DRY-IN MEMBRANE</li> <li>T0. FLEXIBLE SHEET FLASHING</li> <li>T1. FLEXIBLE SHEET MEMBRANE</li> <li>A. TERMINATION BAR - SEE DETAIL (H203)</li> <li>B. MANUFACTURER'S STANDARD LAP JOINT UTILIZING TAPE AND/OR ADHESIVE PER MANUFACTURER'S DETAILS</li> <li>C. EXISTING INSULATION</li> </ul> |
|---|---|



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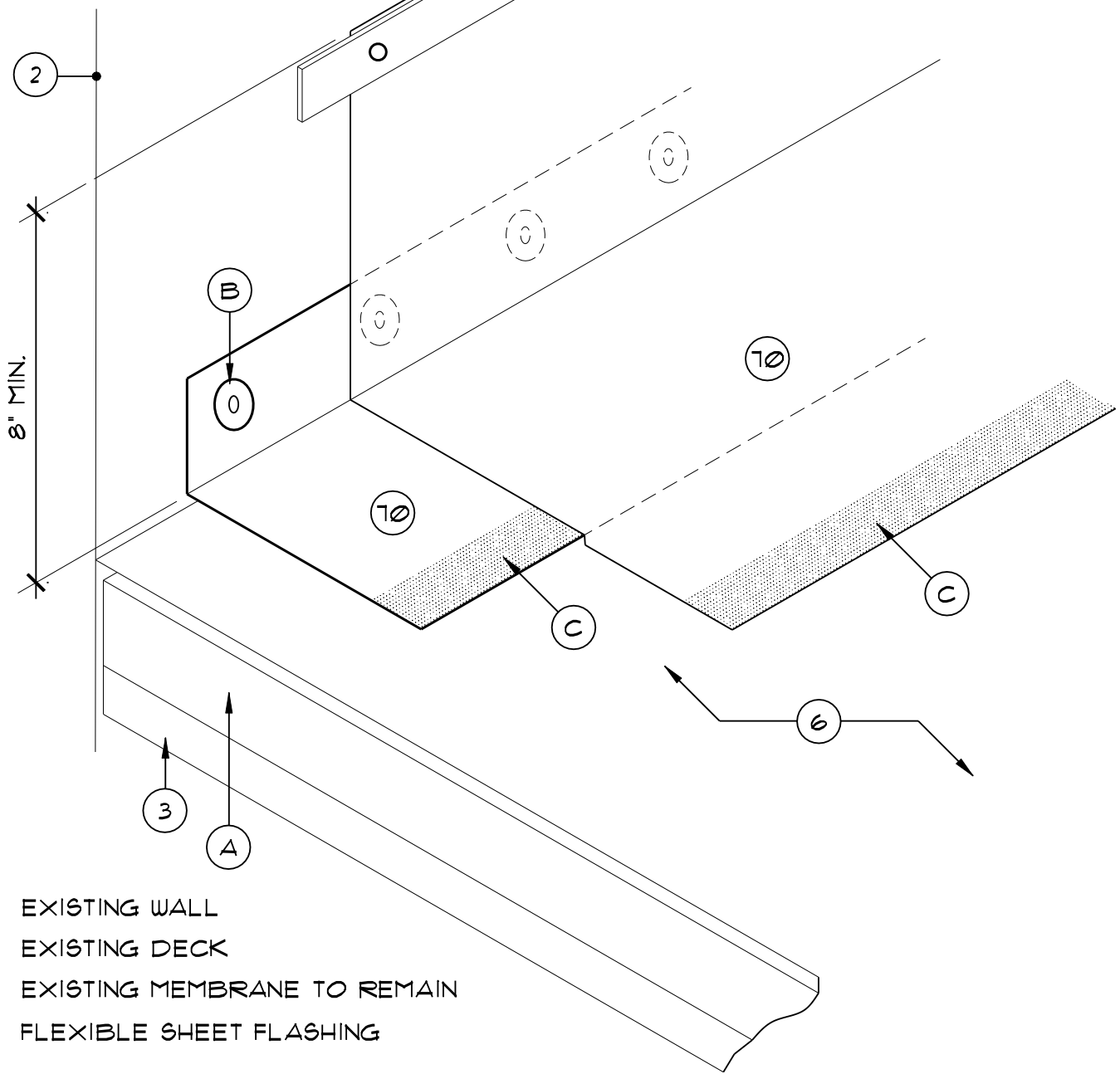
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TITLE EPDM WALL FLASHING  
 TRANSITION

SCALE 3" = 1'-0"



TERMINATION BAR, CURB  
CAP OR COPING CAP



- 2. EXISTING WALL
- 3. EXISTING DECK
- 6. EXISTING MEMBRANE TO REMAIN
- 70. FLEXIBLE SHEET FLASHING
- A. EXISTING INSULATION
- B. FASTENERS W/ STRESS PLATES
- C. HEAT WELD, ADHESIVE OR TAPER PER MEMBRANE MANUFACTURER TYPE



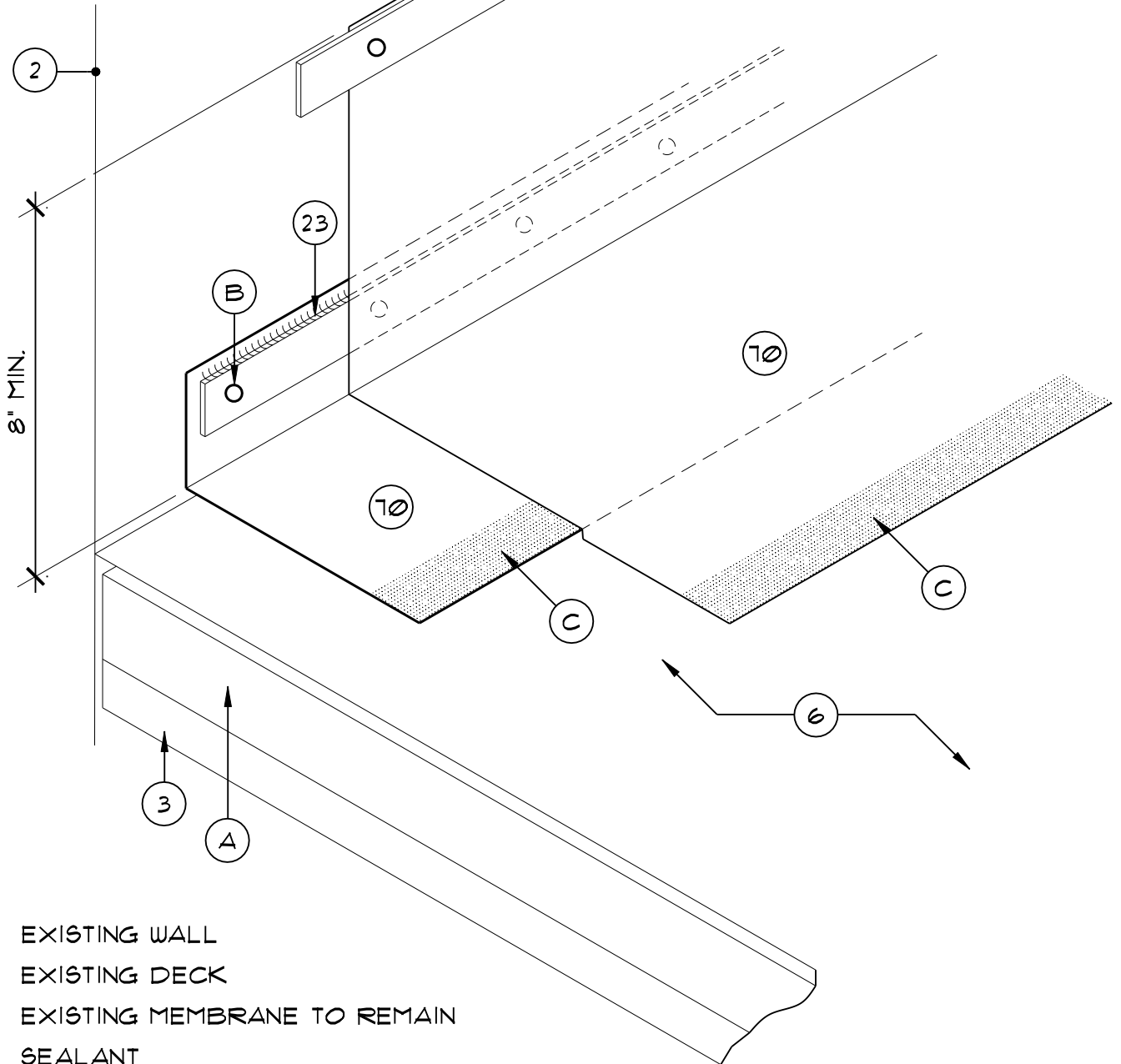
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TITLE TYPICAL SINGLE-PLY WALL  
OR CURB FLASHING REPAIR

SCALE N.T.S.

NO.  
**D.204**

TERMINATION BAR, CURB  
CAP OR COPING CAP



- 2. EXISTING WALL
- 3. EXISTING DECK
- 6. EXISTING MEMBRANE TO REMAIN
- 23. SEALANT
- 10. FLEXIBLE SHEET FLASHING
- A. EXISTING INSULATION
- B. TERMINATION BAR
- C. ADHESIVE OR TAPER PER MEMBRANE MANUFACTURER TYPE



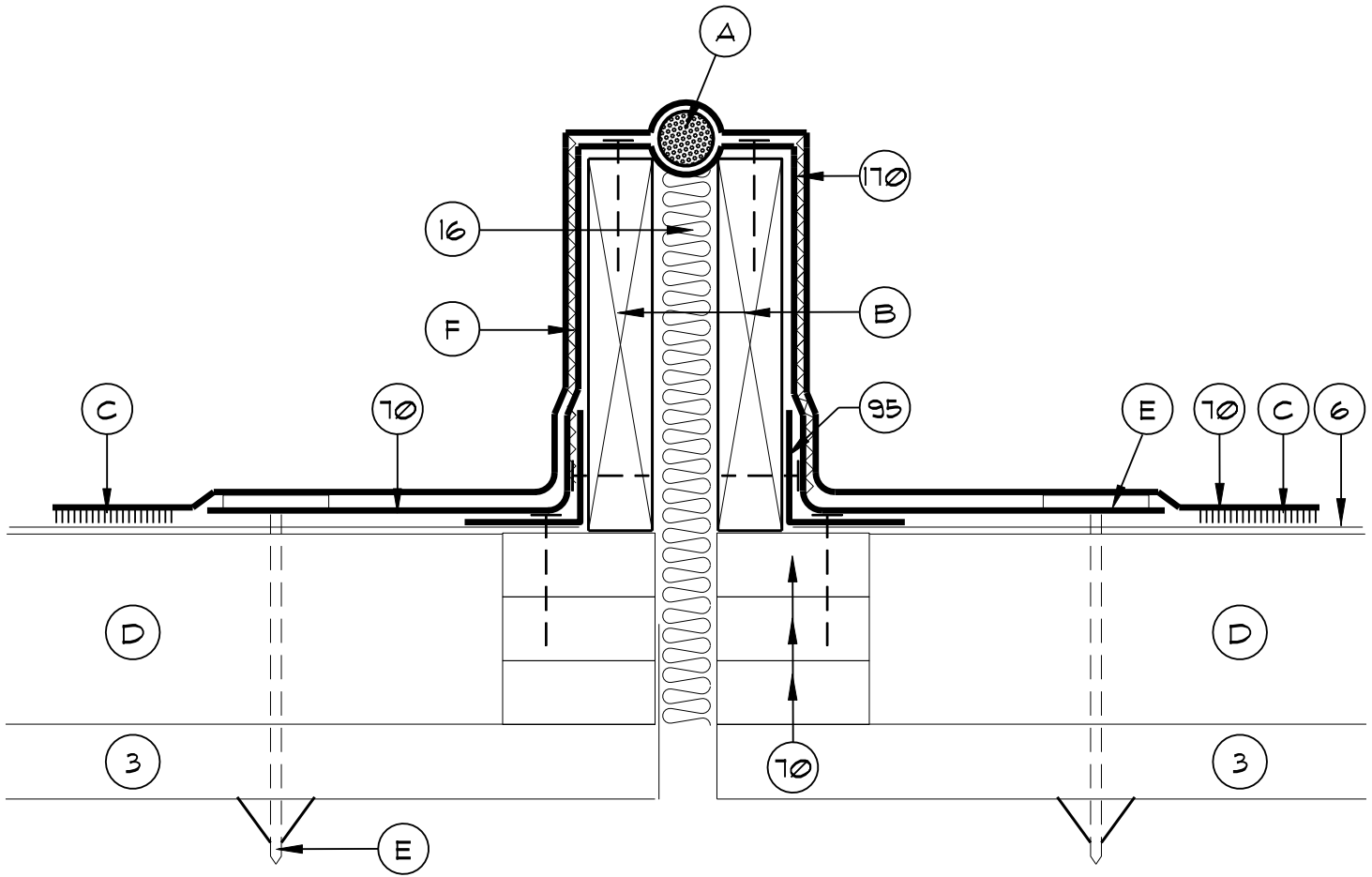
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TITLE TYPICAL EPDM WALL OR CURB FLASHING REPAIR

SCALE N.T.S.





- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>3. EXIST. DECK</li> <li>6. EXISTING MEMBRANE TO REMAIN</li> <li>16. BATT INSULATION</li> <li>10. FLEXIBLE SHEET FLASHING</li> <li>95. 3 x 3 x 4" LONG 18 GA. ST. STL. ANGLE AT 12" O.C. MAX. BOLT TO 2 x WD. CURB AND DECK SUBSTRATE W/ TWO FASTENER EACH LEG - TYP.</li> <li>133. EXISTING WOOD BLOCKING TO REMAIN. REPLACE WHERE DAMAGED OR DETERIORATED</li> </ul> | <ul style="list-style-type: none"> <li>A. CLOSED CELL POLYETHYLENE TUBING</li> <li>B. 2 x 8 P.T. WOOD EXPANSION JOINT CURBING EACH SIDE OF JOINT -GLUE &amp; SCREW TO 2 x 4 BLOCKING</li> <li>C. HEAT WELD</li> <li>D. EXIST. INSULATION</li> <li>E. UNDERDECK FASTENERS WITH STRESS PLATES</li> <li>F. MFR'S. APPROVED ADHESIVE</li> </ul> |
|--|---|

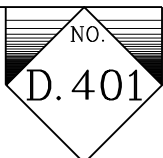


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TITLE NEW EXPANSION JOINT FLASHING

SCALE 3"=1'

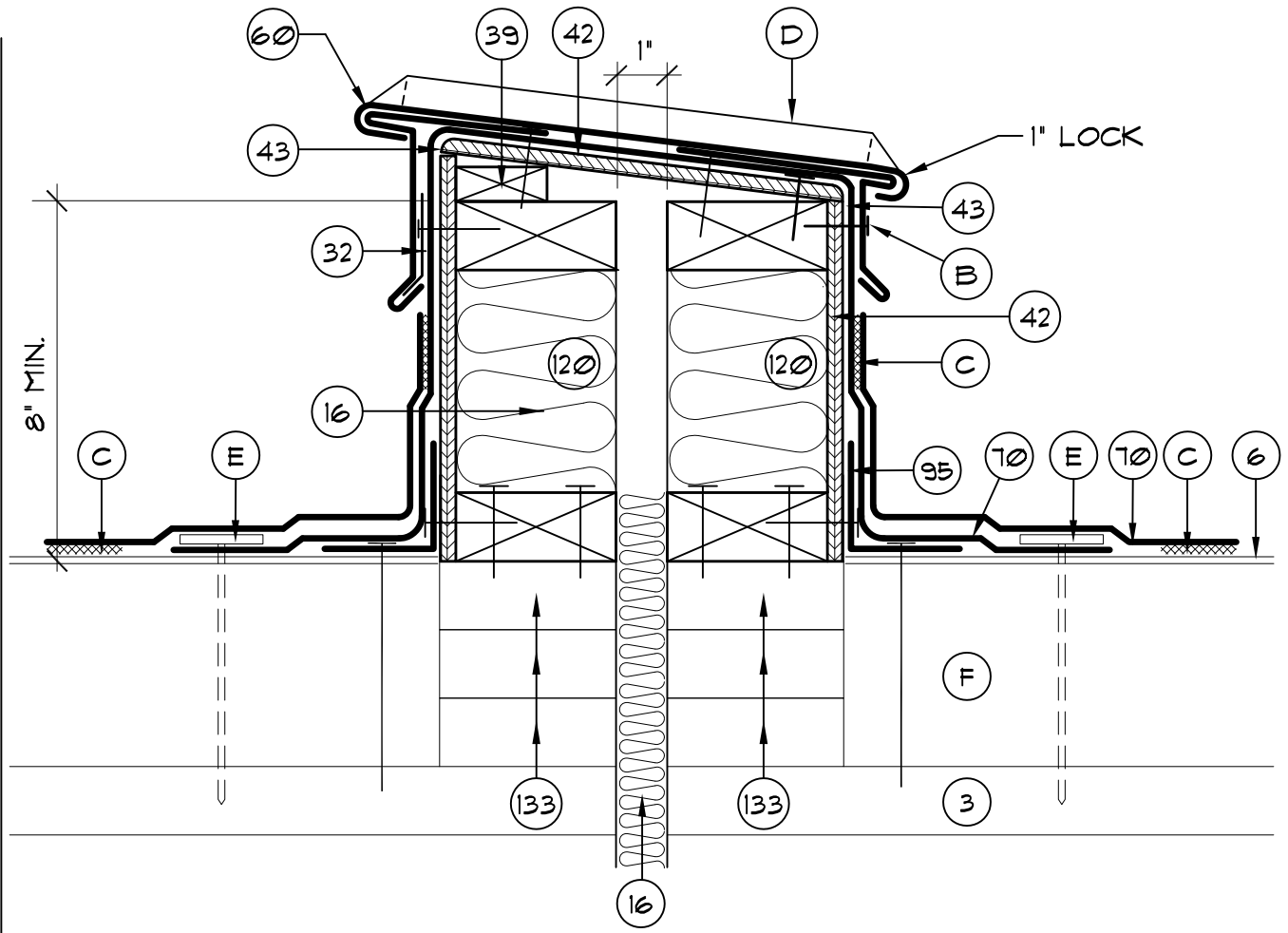


ACAD FILE # 15036D402

DATE:

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 15036.00



- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>3. EXISTING DECK</li> <li>6. EXIST. MEMBRANE TO REMAIN</li> <li>16. BATT INSULATION</li> <li>32. CONTINUOUS CLEAT</li> <li>39. 1X2 P.T. WOOD BLOCKING<br/>SCREW FASTEN @ 12" O.C.<br/>COUNTERSINK SCREWHEADS</li> <li>42. 5/8" PLYWOOD - SCREW FASTEN<br/>@ 8" O.C. (MAX.) TOP &amp; BOTTOM &amp;<br/>STAGGER - COUNTERSINK HEADS</li> <li>60. PARAPET CAP - SEE DETAIL (H.40)</li> <li>43. ROUND OFF THIS EDGE</li> <li>70. FLEXIBLE SHEET FLASHING</li> </ul> | <ul style="list-style-type: none"> <li>95. 3 x 3 x 4" LONG 18 GA. ST. STL.<br/>ANGLE AT 12" O.C. MAX. BOLT TO 2 x<br/>WD. CURB AND DECK SUBSTRATE W/<br/>TWO FASTENER EACH LEG - TYP.</li> <li>A. 2X4 P.T. WD STUD CURB<br/>@ 16" O.C.</li> <li>B. FASTEN W/ STAINLESS STEEL<br/>SCREWS THRU METAL BACKED<br/>NEOPRENE WASHERS @ 8" O.C.</li> <li>C. HEAT WELD</li> <li>D. 1-1/4" STANDING SEAM -<br/>FOLD CORNERS.</li> <li>E. FASTENERS WITH STRESS PLATES</li> <li>F. EXIST. INSULATION</li> </ul> |
|--|---|

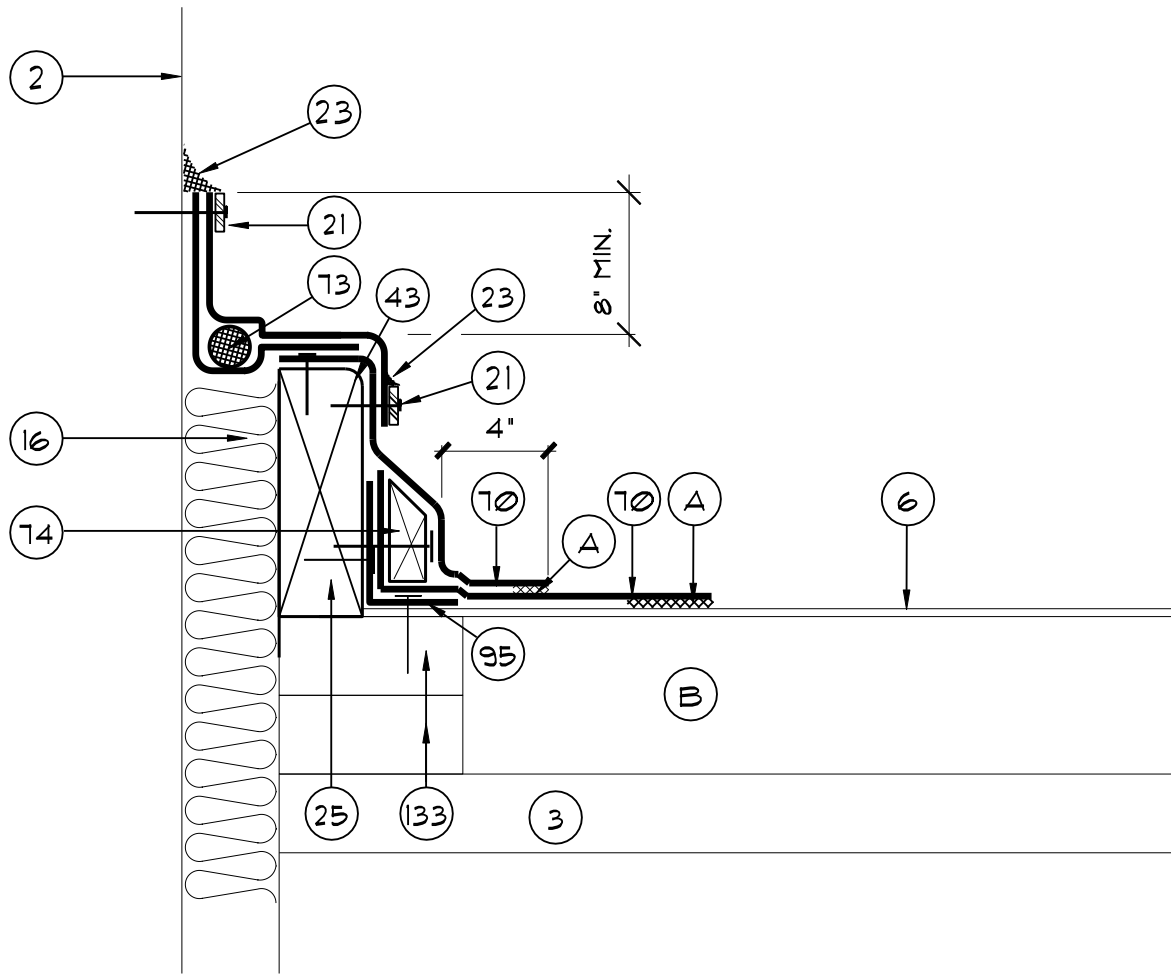


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TITLE EXPANSION JOINT FLASHING

SCALE 3" = 1'





- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>2. EXISTING WALL</li> <li>3. EXISTING DECK</li> <li>6. EXISTING MEMBRANE TO REMAIN</li> <li>16. BATT INSULATION</li> <li>21. SURFACE APPLIED TERMINATION BAR - SEE DETAIL (H.202)</li> <li>23. CONTINUOUS SEALANT</li> <li>25. 2X8 P.T. EXPANSION JOINT CURB</li> <li>43. ROUND OFF THIS EDGE</li> <li>70. FLEXIBLE SHEET FLASHING</li> <li>73. FOAM TUBING</li> </ul> | <ul style="list-style-type: none"> <li>74. 1 x 4 WOOD BLOCKING SCREW FASTEN AT 12" O.C. STAGGERED. COUNTERSINK SCREWHEADS.</li> <li>92. METAL FLASHING</li> <li>95. 3 x 3 x 4" LONG 18 GA. ST. STL. ANGLE AT 12" O.C. MAX. BOLT TO 2 x WD. CURB AND DECK SUBSTRATE W/ TWO FASTENER EACH LEG - TYP.</li> <li>133. EXISTING WOOD BLOCKING TO REMAIN. REPLACE WHERE DAMAGED OR DETERIORATED</li> <li>A. HEAT WELD</li> <li>B. EXISTING INSULATION</li> </ul> |
|---|---|



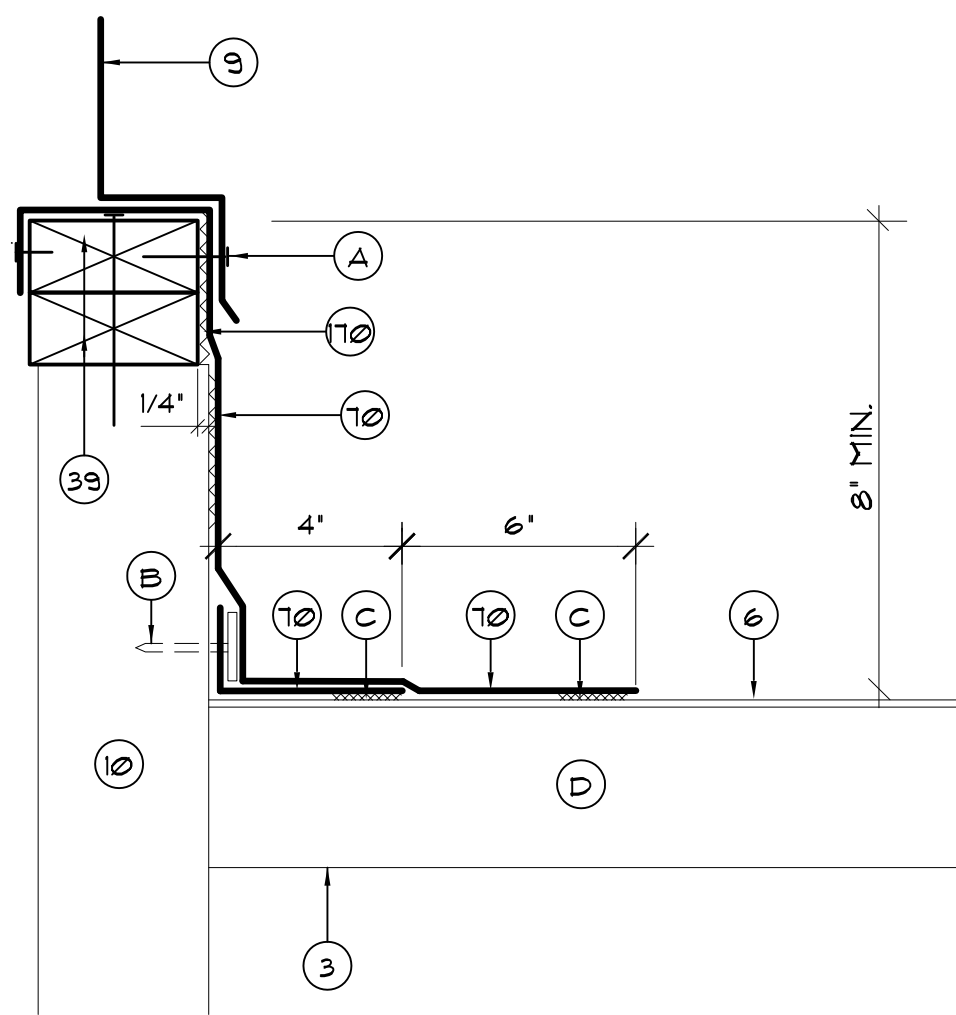
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TITLE EXPANSION JOINT FLASHING

SCALE 3" = 1'





- 3. EXISTING DECK
- 6. EXISTING MEMBRANE TO REMAIN
- 9. EXISTING MECH. EQUIPMENT
- 10. EXISTING CURB TO REMAIN
- 39. 2X WD. BLOCKING AS REQ'D.- SCREW FASTENED TO EXIST. CURB BELOW AT 6" O.C. - 2 MIN.
- 70. FLEXIBLE SHEET FLASHING

- A. SCREWS WITH NEOPRENE BACKED WASHERS @ 8" O.C. MAX
- B. FASTENERS W/ STRESS PLATES
- C. HEAT WELD
- D. EXIST. INSULATION



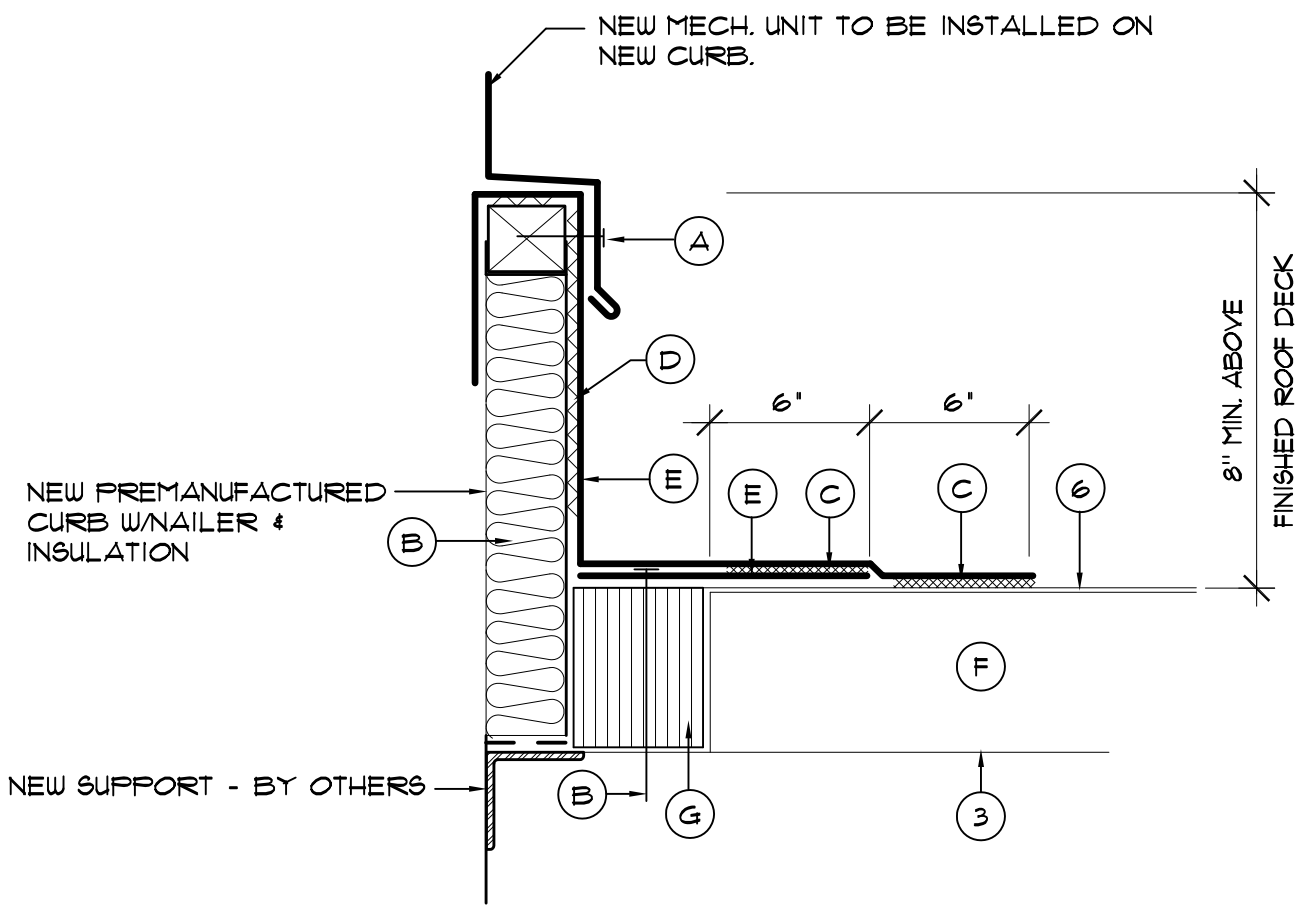
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TITLE EQUIPMENT CURB FLASHING REPAIR

SCALE 3"=1'



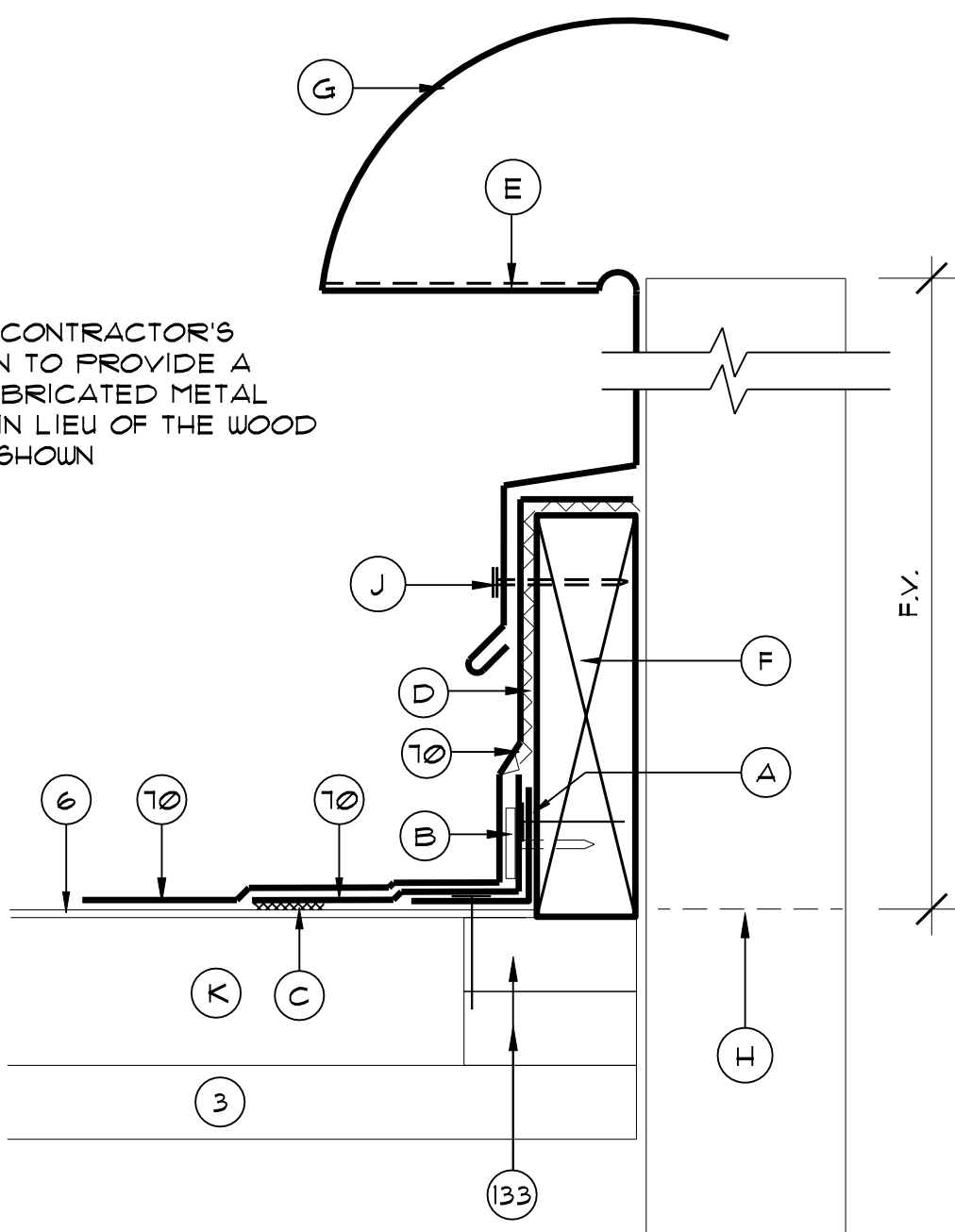




- 3. EXISTING DECK
- 6. EXIST. SINGLE-PLY MEMBRANE
- A. SCREWS WITH NEOPRENE BACKED WASHERS @ 8' O.C. MAX
- B. FASTENER W/ STRESS PLATE
- C. HEAT WELD
- D. MANUFACTURER'S APPROVED ADHESIVE
- E. NEW SINGLE-PLY FLASHING
- F. EXISTING INSULATION
- G. EXIST. LT. WT. CONC. AND RIGID INSUL. TO BE REMOVED BY OTHERS AS REQ'D. TO INSTALL NEW CURB FILL GAP W/ RIGID INSULATION



NOTE: CONTRACTOR'S OPTION TO PROVIDE A PREFABRICATED METAL CURB IN LIEU OF THE WOOD CURB SHOWN



- |      |  |    |  |
|------|--|----|--|
| 3.   | EXIST. DECK  | D. | MFR'S APPROVED MASTIC  |
| 6.   | EXISTING MEMBRANE TO REMAIN  | E. | BUG SCREEN   |
| 70.  | FLEXIBLE SHEET FLASHING  | F. | 2X8 P.T. WOOD CURB   |
| 133. | EXISTING WOOD BLOCKING TO REMAIN. REPLACE WHERE DAMAGED OR DETERIORATED                                    | G. | NEW METAL GOOSENECK SEE DETAIL (H.501)   |
| A.   | 18 GA. X 3X3X4 LONG WIDE ANGLE ANGLE @ 12" O.C. MAX. - ANCHOR TO DECK W/ 2 1/4" X 1 3/4" TAPCONS PER ANGLE | H. | EXISTING EXHAUST PIPE TO BE EXTENDED, MATCH EXISTING METAL AND SIZE.             |
| B.   | FASTENER W/ STRESS PLATE   | J. | METAL SCREWS WITH METAL - BACKED NEOPRENE WASHERS @ 12" O.C., TWO PER SIDE MIN.. |
| C.   | HEAT WELD  | K. | EXIST. INSULATION  |



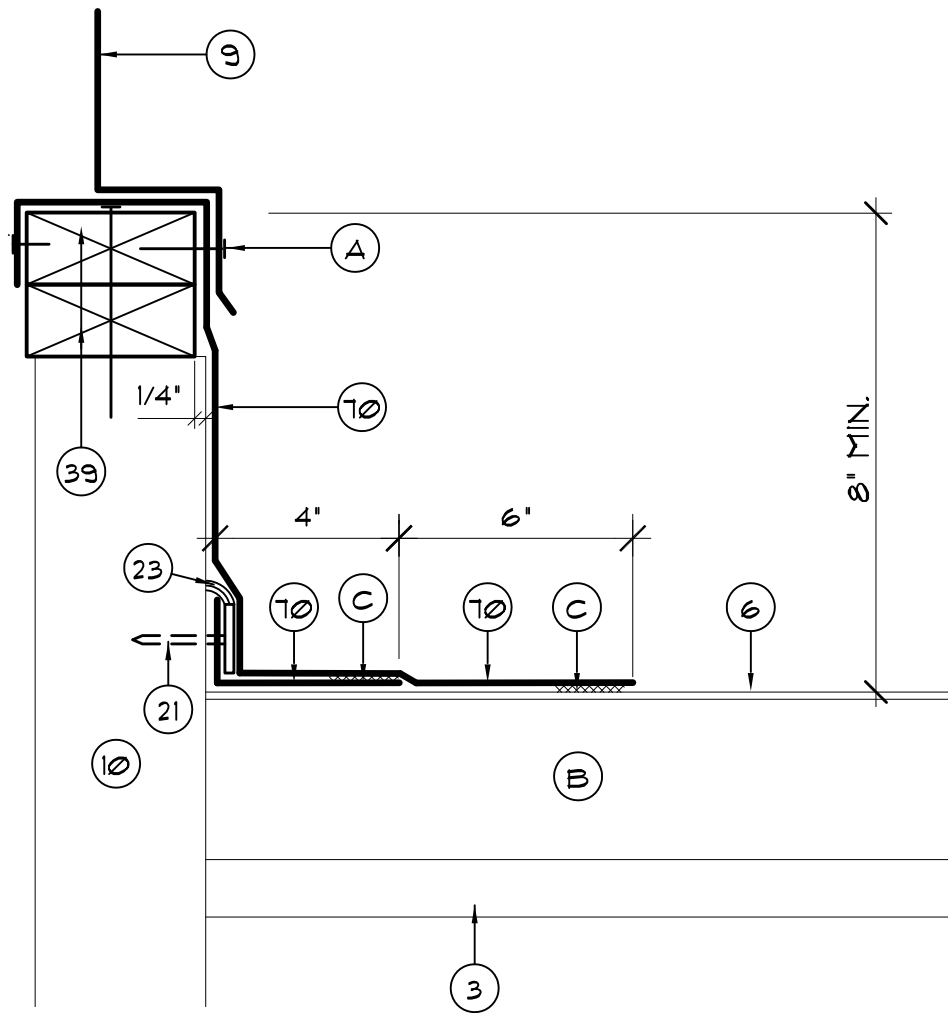
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TITLE TYP. CURB MOUNTED GOOSENECK FLASHING

SCALE N.T.S.





- |  |  |
|--|--|
| 3. EXISTING DECK                         | 39. 2X WD. BLOCKING AS REQ'D.- SCREW FASTENED TO EXIST. CURB BELOW AT 6" O.C. - 2 MIN. |
| 6. EXISTING MEMBRANE TO REMAIN           | 70. FLEXIBLE SHEET FLASHING  |
| 9. EXISTING MECH. EQUIPMENT              |  |
| 10. EXISTING CURB TO REMAIN              |  |
| 21. TERMINATION BAR - SEE DETAIL (H.203) |  |
| 23. SEALANT                              |  |

- A. SCREWS WITH NEOPRENE BACKED WASHERS @ 8" O.C. MAX
- B. EXISTING INSULATION
- C. MANUFACTURER'S STANDARD LAP JOINT UTILIZING TAPE AND/OR ADHESIVE PER MANUFACTURER'S DETAILS



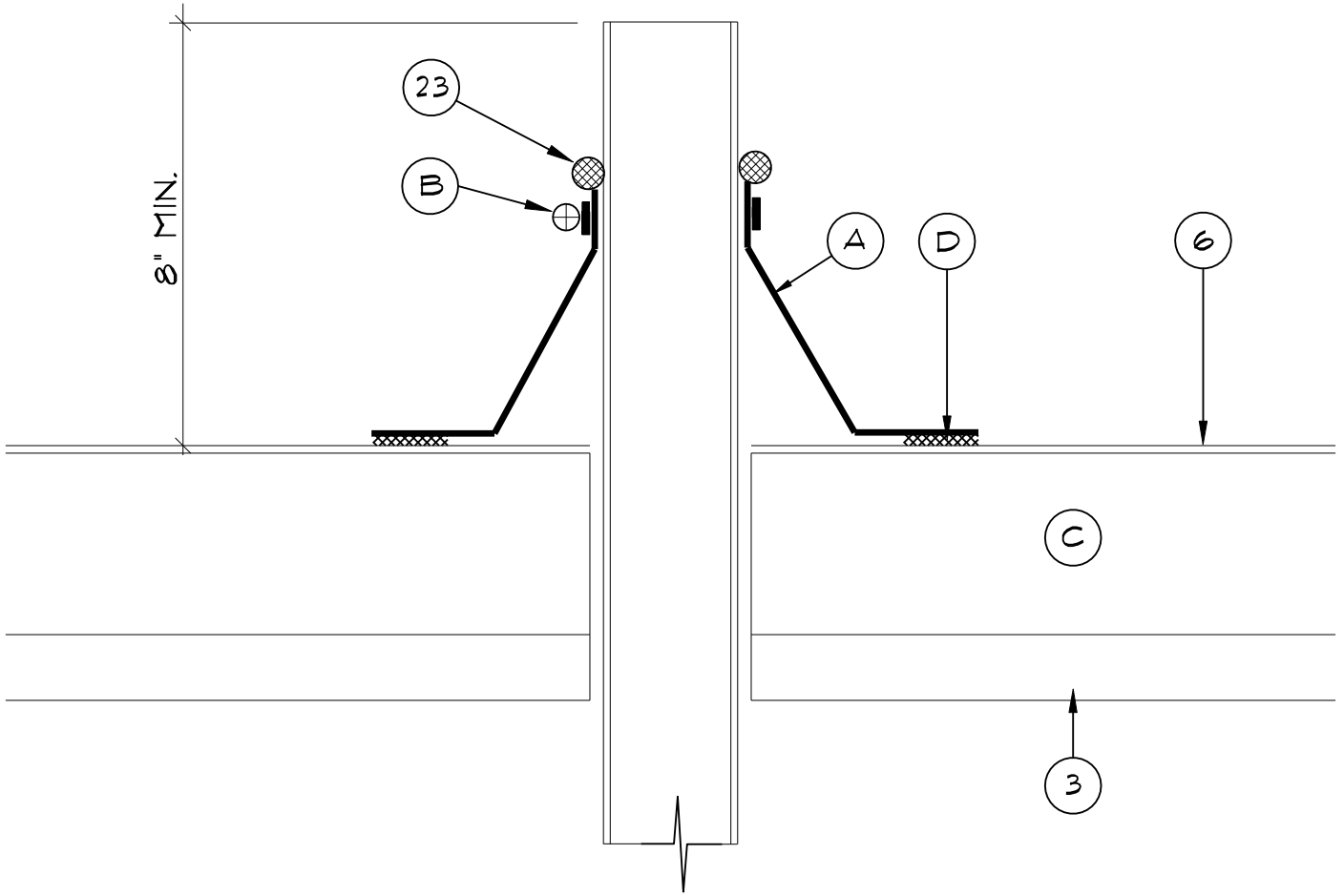
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TITLE EQUIPMENT CURB EPDM FLASHING REPAIR

SCALE 3" = 1'





- |                                |                              |
|--------------------------------|------------------------------|
| 3. EXISTING DECK               | A. PREFORMED STACK FLASHING  |
| 6. EXISTING MEMBRANE TO REMAIN | B. STAINLESS STEEL DRAW BAND |
| 7. EXISTING PENETRATION        | C. EXISTING INSULATION       |
| 23. SEALANT                    | D. HEAT WELD                 |



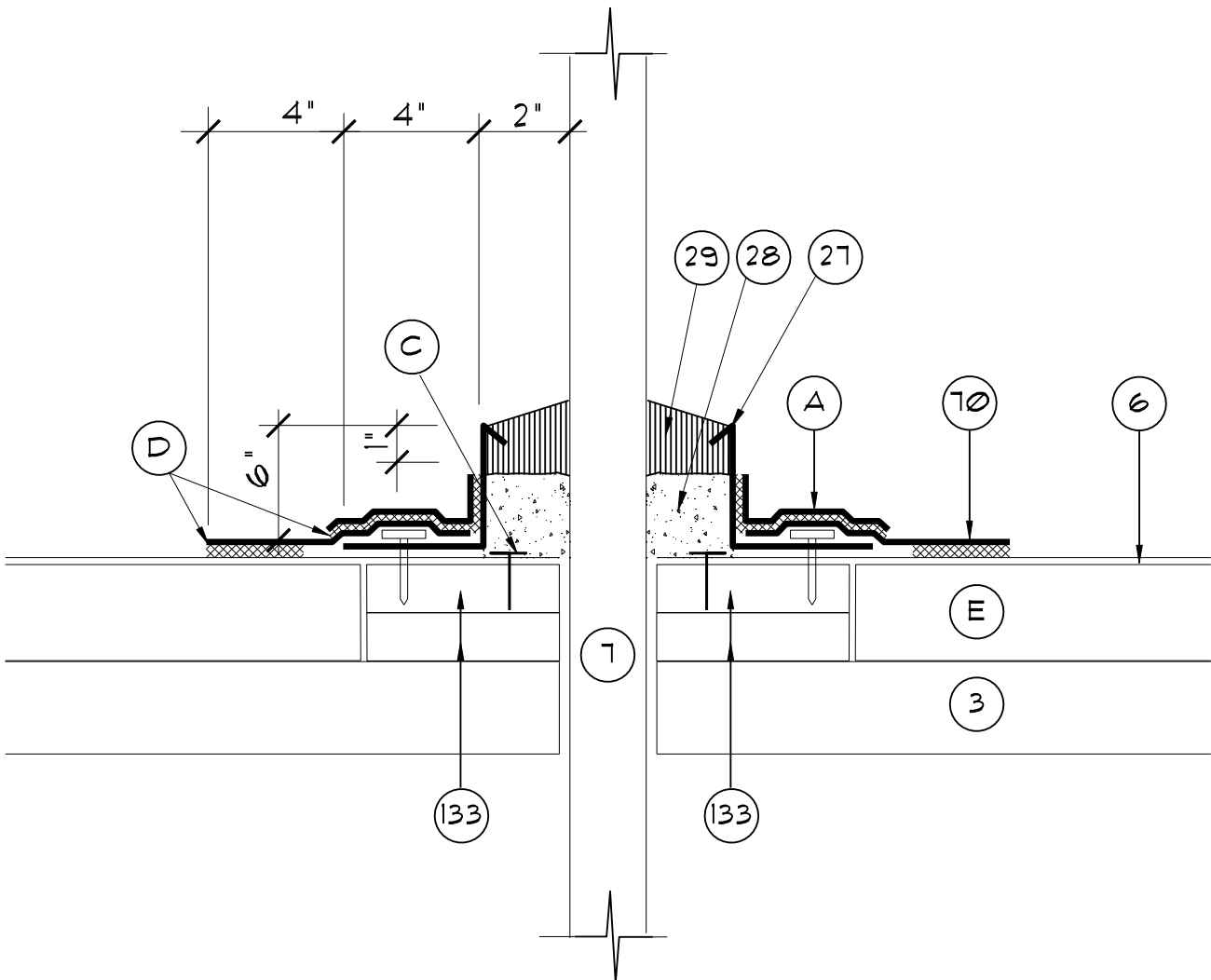
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TITLE VENT STACK FLASHING

SCALE 3" = 1'





- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>3. EXIST. DECK</li> <li>6. EXIST. MEMBRANE TO REMAIN</li> <li>7. EXIST. PENETRATION</li> <li>27. PITCH PAN, SEE DETAIL (H.601)</li> <li>28. NON SHRINK GROUT</li> <li>29. ONE-PART URETHANE SEALER/<br/>PITCH PAN FILLER</li> <li>10. FLEXIBLE SHEET FLASHING</li> </ul> | <ul style="list-style-type: none"> <li>133. EXISTING WOOD BLOCKING TO<br/>REMAIN. REPLACE WHERE<br/>DAMAGED OR DETERIORATED</li> <li>A. NONREINFORCED SINGLE-PLY</li> <li>B. 2X4 P.T. WD. NAILER AS REQD.</li> <li>C. FASTENERS WITH STRESS PLATES</li> <li>D. HEAT WELD</li> <li>E. EXIST. INSULATION</li> </ul> |
|---|---|



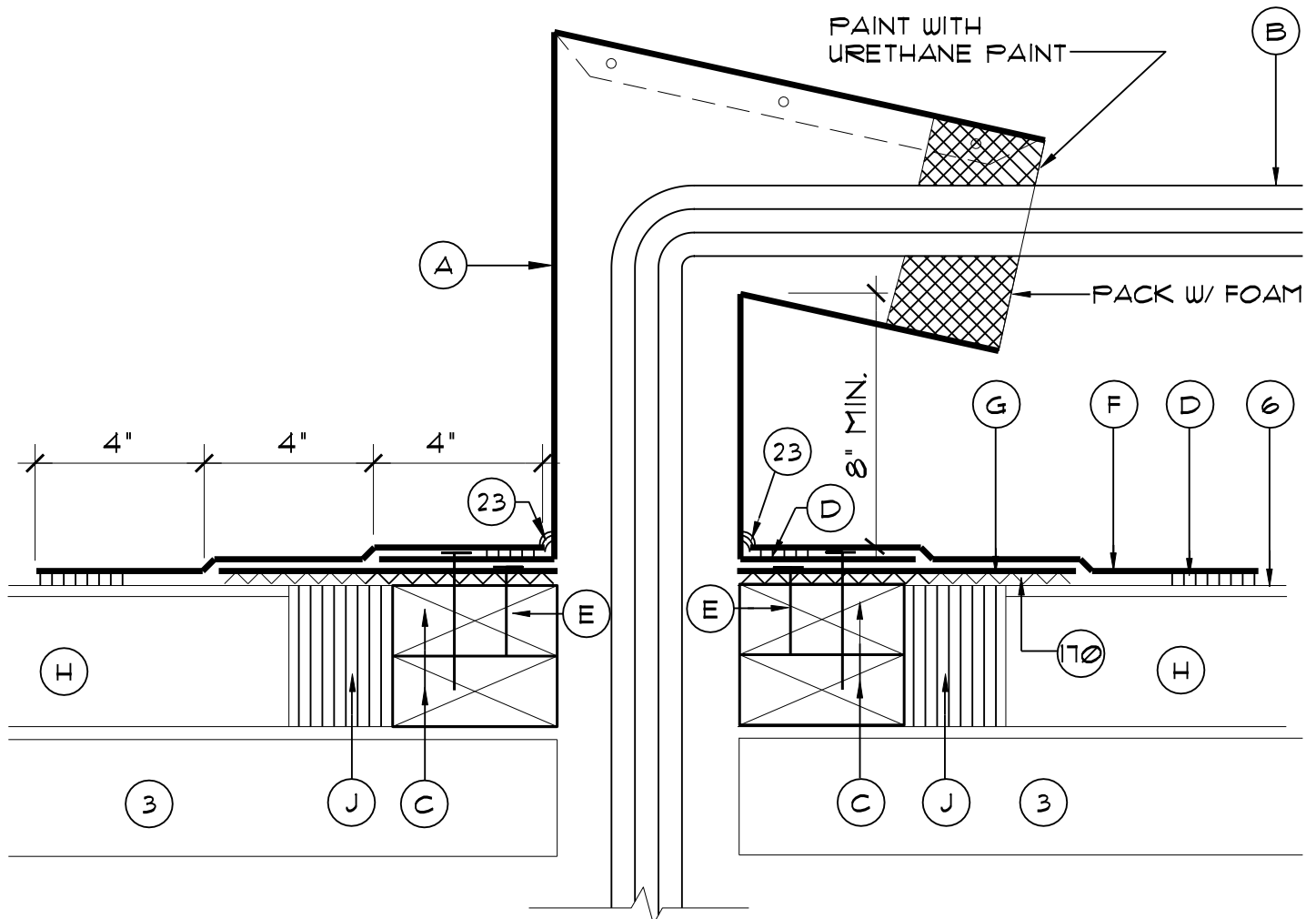
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TITLE PITCH PAN FLASHING

SCALE 3"=1'





- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>3. EXISTING DECK</li> <li>6. EXIST. SINGLE-PLY MEMBRANE</li> <li>23. SEALANT</li> <li>170. APPROVED MANUFACTURER'S ADHESIVE.</li> <li>A. NEW SMALL CABLE GOOSENECK VENT SEE DETAIL (H.602)</li> <li>B. NEW PIPE OR CABLE</li> <li>C. NEW 2x4 P.T. NAILERS AS REQ'D.</li> </ul> | <ul style="list-style-type: none"> <li>D. HEAT WELD</li> <li>E. FASTENERS W/ STRESS PLATES</li> <li>F. NEW SINGLE-PLY FLASHING</li> <li>G. NEW SINGLE-PLY MEMBRANE</li> <li>H. EXIST. INSULATION</li> <li>J. REMOVE EXIST. INSUL. AS REQ'D. TO INSTALL NEW NAILERS AND FLASHING FILL W/ NEW RIGID INSUL.</li> </ul> |
|---|---|



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TITLE CABLE GOOSENECK

SCALE N.T.S.

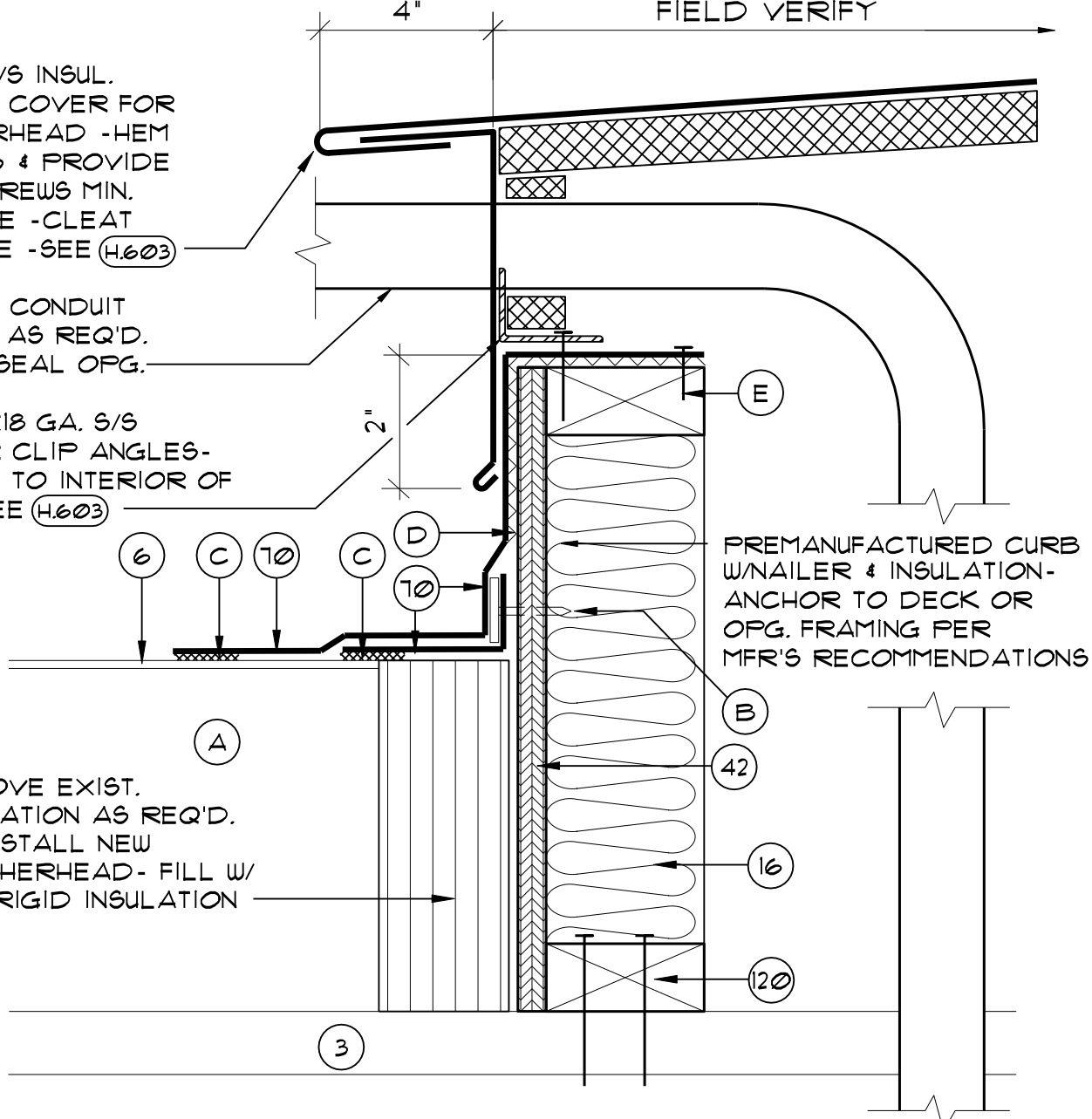


24 GA. S/S INSUL.  
SLOPED COVER FOR  
WEATHERHEAD -HEM  
3 EDGES & PROVIDE  
2 S/S SCREWS MIN.  
PER SIDE -CLEAT  
LOW SIDE -SEE (H.603)

PIPING & CONDUIT  
REWORK AS REQ'D.  
FOAM & SEAL OPG.

5-2"X3"X18 GA. S/S  
ANCHOR CLIP ANGLES-  
SOLDER TO INTERIOR OF  
CURB SEE (H.603)

REMOVE EXIST.  
INSULATION AS REQ'D.  
TO INSTALL NEW  
WEATHERHEAD- FILL W/  
NEW RIGID INSULATION



- |      |  |    |  |
|------|--|----|--|
| 3.   | EXISTING DECK  | A. | EXIST. INSULATION                          |
| 16.  | BATT INSULATION  | B. | FASTENER W/ STRESS PLATE                   |
| 42.  | 5/8" PLYWOOD-SCREW FASTEN<br>@ 8" O.C. TOP & BOTTOM<br>STAGGERED. COUNTERSINK<br>SCREWHEADS. | C. | HEAT WELD                                  |
| 70.  | FLEXIBLE SHEET FLASHING  | D. | MFR'S APPROVED MASTIC                      |
| 120. | WOOD CURB FROM 2x4'S @<br>16" O.C. STAGGERED   | E. | STAINLESS STEEL ANNULAR RING<br>SHANK NAIL |

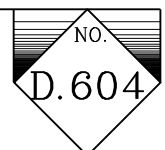


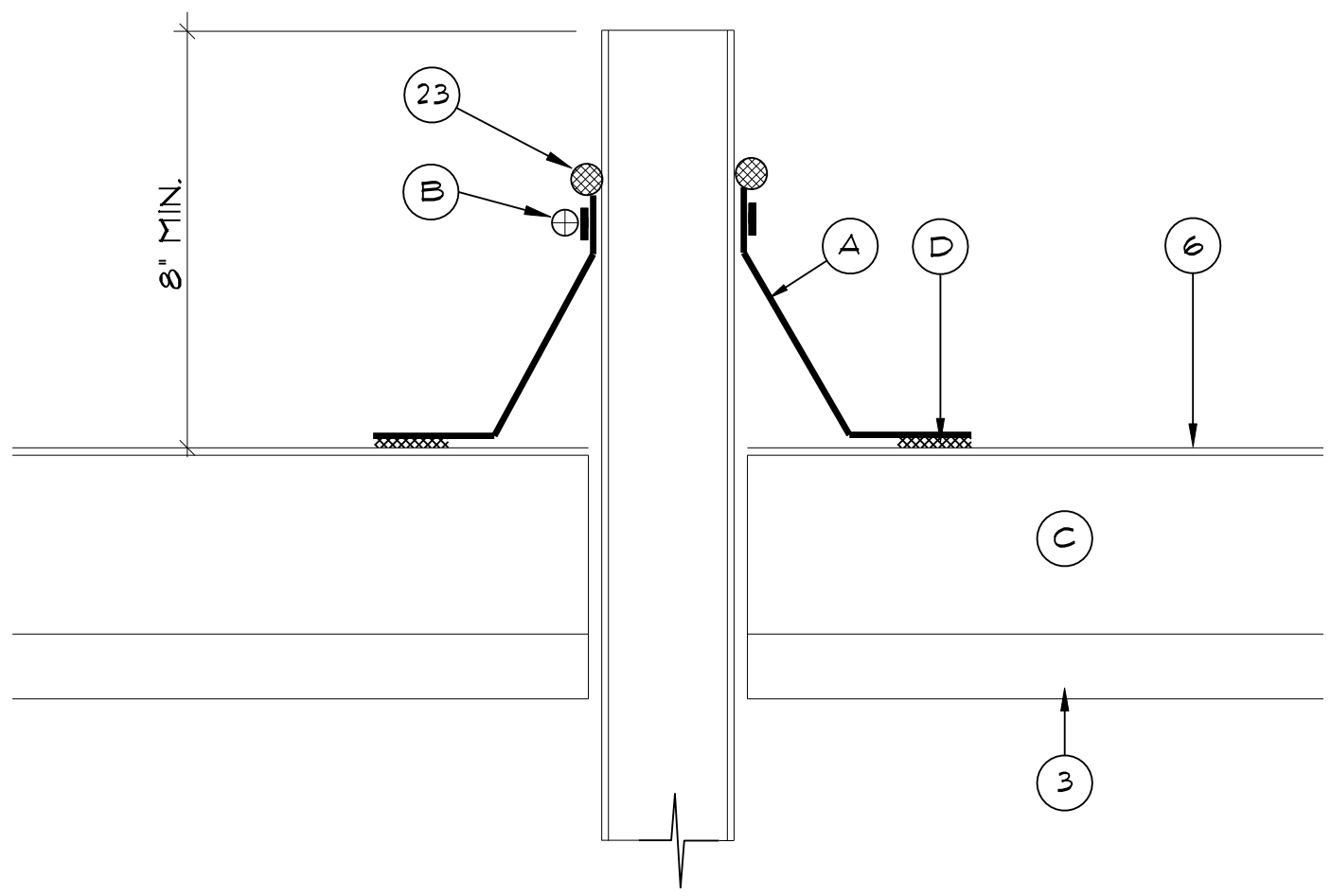
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TITLE WEATHERHEAD FLASHING  
DETAIL

SCALE N.T.S.





- |     |                             |    |                               |
|-----|-----------------------------|----|-------------------------------|
| 3.  | EXISTING DECK               | A. | PREFORMED STACK FLASHING      |
| 6.  | EXISTING MEMBRANE TO REMAIN | B. | STAINLESS STEEL DRAW BAND     |
| 7.  | EXISTING PENETRATION        | C. | EXISTING INSULATION           |
| 23. | SEALANT                     | D. | MFR'S. JOINT TAPE OR ADHESIVE |

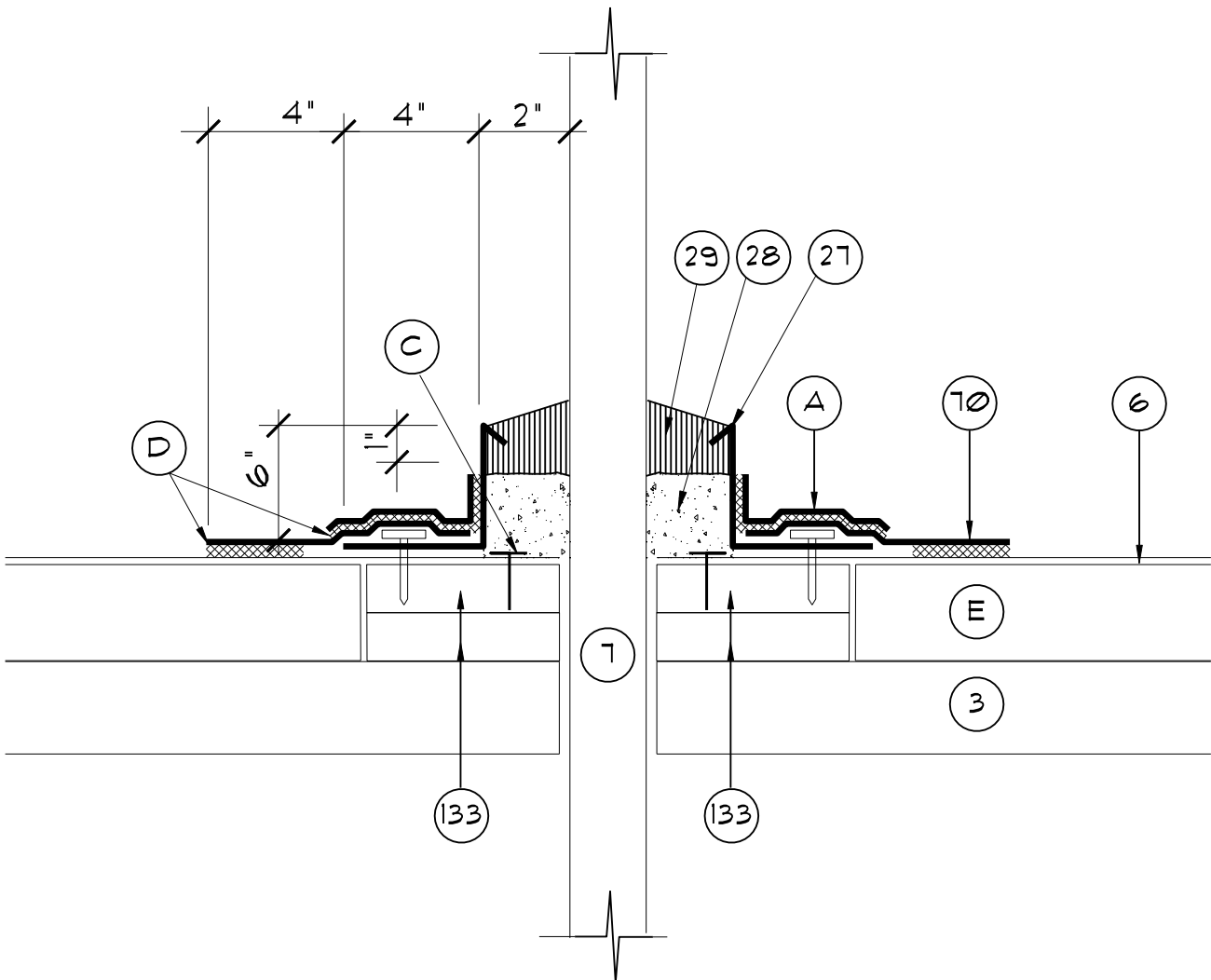


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TITLE EPDM VENT STACK FLASHING  
SCALE 3" = 1'





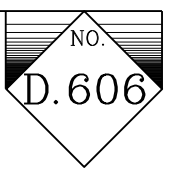


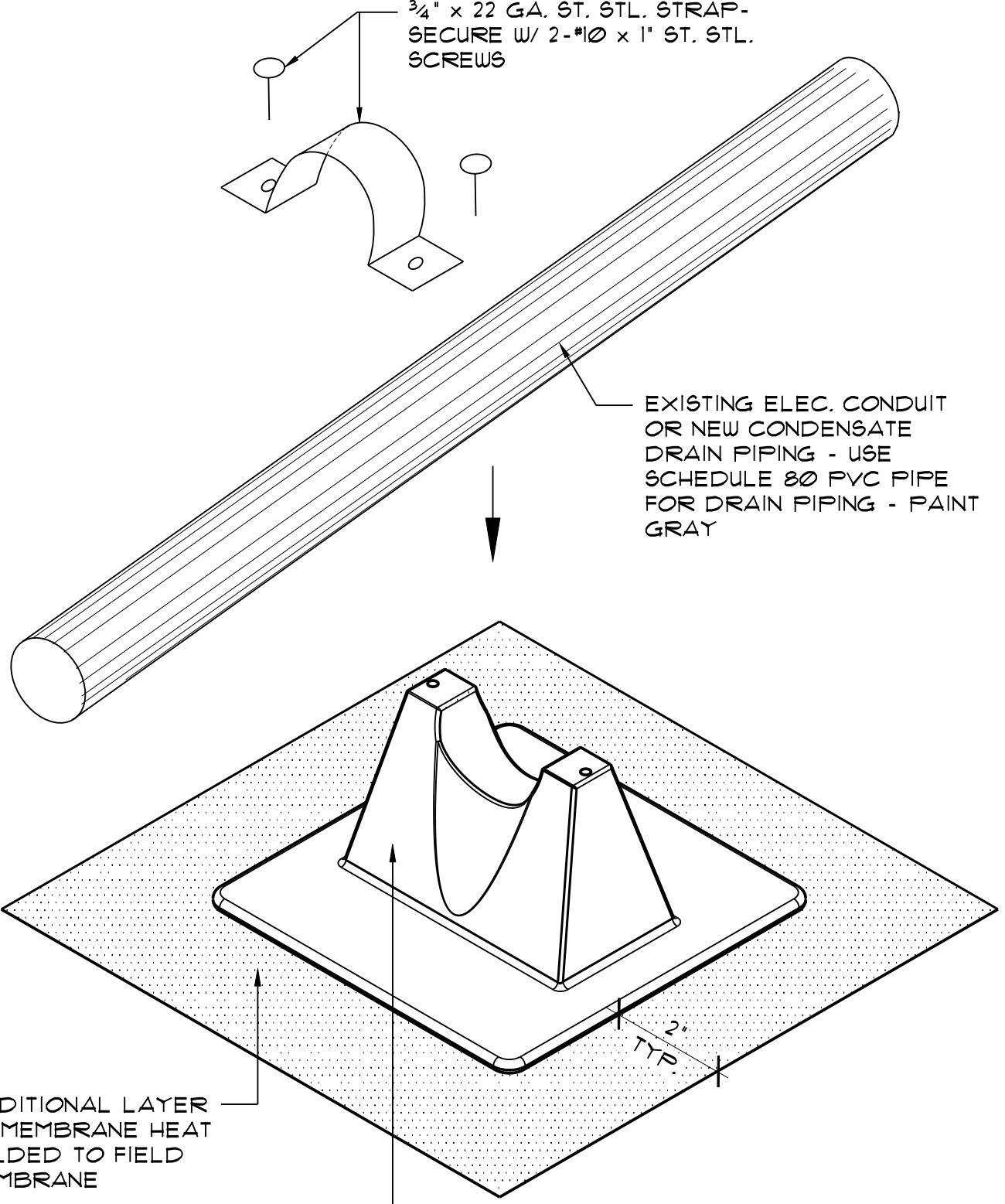
- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>3. EXIST. DECK</li> <li>6. EXIST. MEMBRANE TO REMAIN</li> <li>7. EXIST. PENETRATION</li> <li>27. PITCH PAN, SEE DETAIL (H.601)</li> <li>28. NON SHRINK GROUT</li> <li>29. ONE-PART URETHANE SEALER/<br/>PITCH PAN FILLER</li> <li>10. FLEXIBLE SHEET FLASHING</li> </ul> | <ul style="list-style-type: none"> <li>133. EXISTING WOOD BLOCKING TO<br/>REMAIN. REPLACE WHERE<br/>DAMAGED OR DETERIORATED</li> <li>A. NONREINFORCED SINGLE-PLY</li> <li>B. 2X4 P.T. WD. NAILER AS REQD.</li> <li>C. FASTENERS WITH STRESS PLATES</li> <li>D. MFR'S. JOINT TAPE OR<br/>ADHESIVE</li> <li>E. EXIST. INSULATION</li> </ul> |
|---|---|



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TITLE EPDM PITCH PAN FLASHING  
  
SCALE 3"=1'





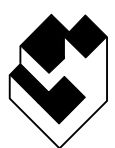
3/4" x 22 GA. ST. STL. STRAP-  
SECURE W/ 2-#10 x 1" ST. STL.  
SCREWS

EXISTING ELEC. CONDUIT  
OR NEW CONDENSATE  
DRAIN PIPING - USE  
SCHEDULE 80 PVC PIPE  
FOR DRAIN PIPING - PAINT  
GRAY

ADDITIONAL LAYER  
OF MEMBRANE HEAT  
WELDED TO FIELD  
MEMBRANE

NEW MIRO BLOCK PIPESTAND  
MODEL 1.5 OR EQUAL  
COMPOSITE SUPPORT - SECURE  
TO MEMBRANE W/ MFR'S.  
APPROVED MASTIC

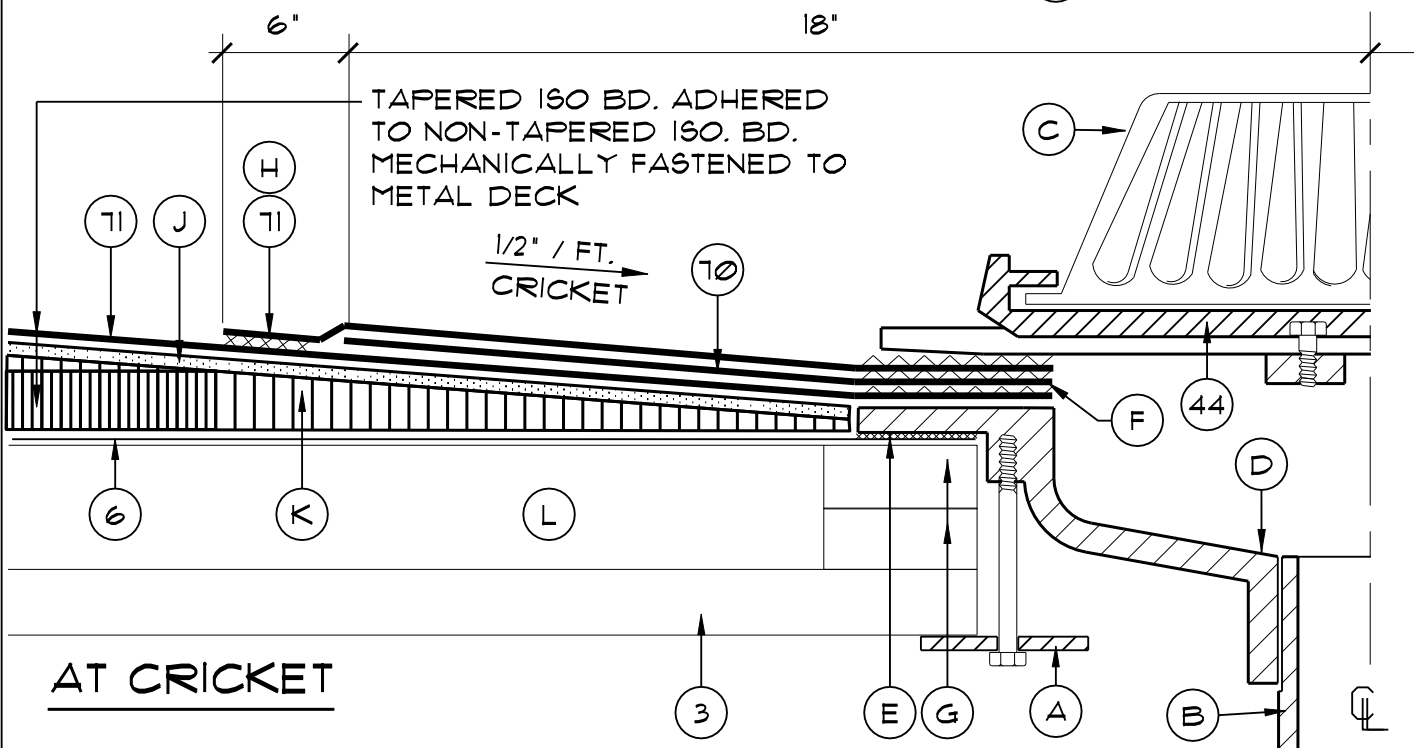
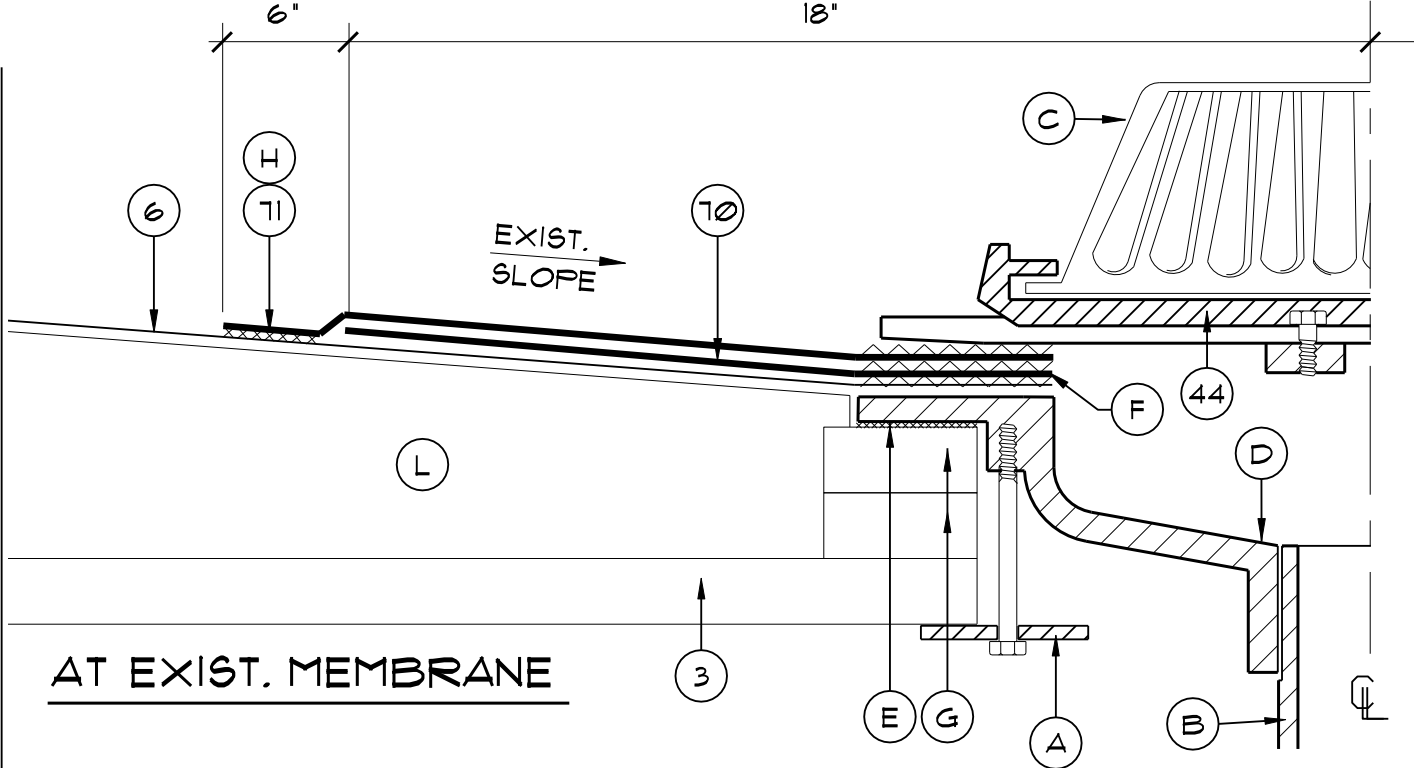
**NOTE:**  
INSTALL UNDER CONDUIT OR CONDENSATE  
PIPES WHERE THEY OCCUR. SEE ROOF  
PLANS FOR LOCATIONS OF LINES. RAISE  
ALL SUCH LINES & SECURE ON NEW  
SUPPORTS AS SHOWN AT 4'-0" O.C. MAX



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**TITLE** PIPE AND/OR ELECTRICAL  
CONDUIT SUPPORT DETAIL  
**SCALE** 3"=1'-0"





**AT EXIST. MEMBRANE**

**AT CRICKET**

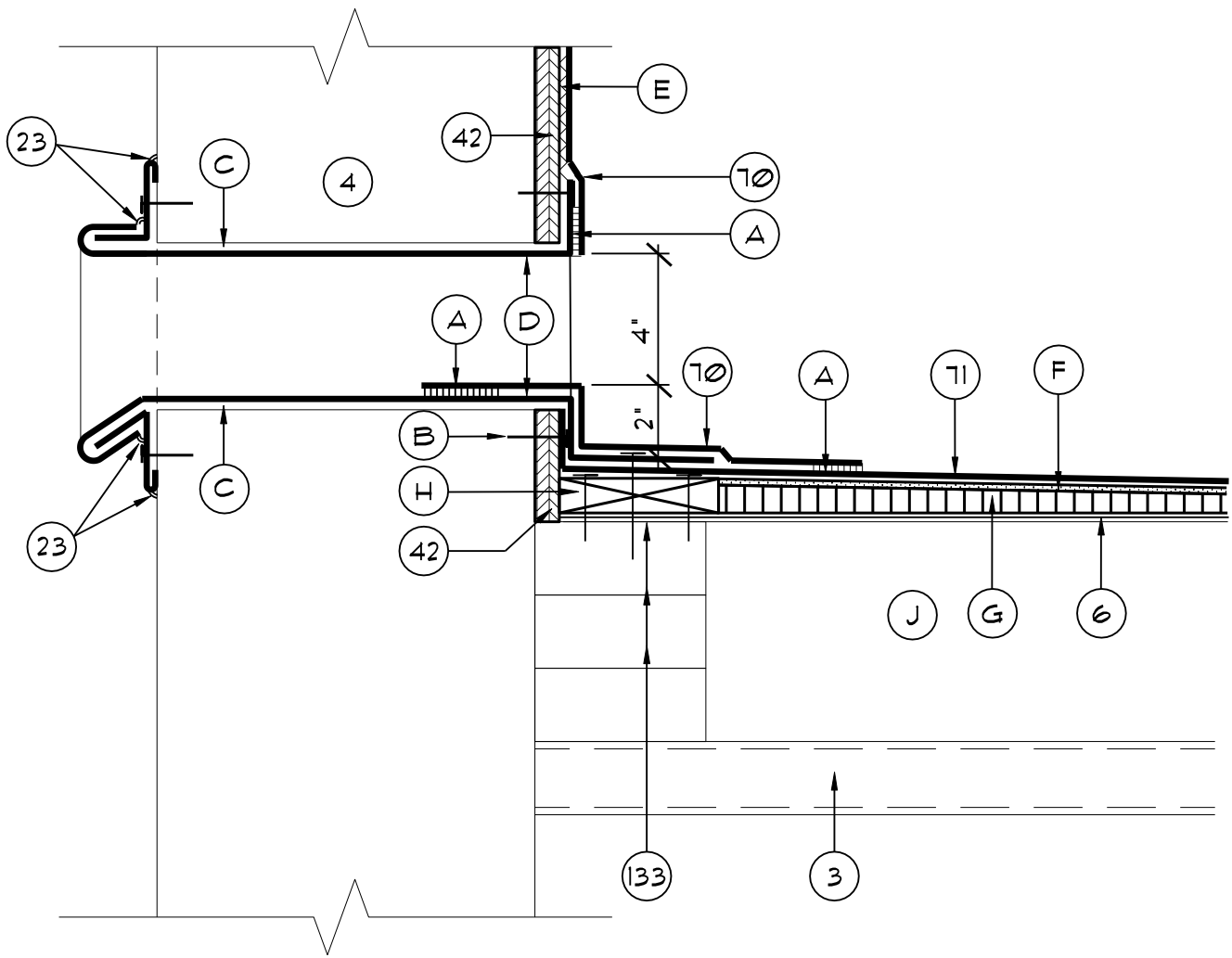
- |  |                                       |
|--|---------------------------------------|
| 3. EXIST. DECK                             | D. EXIST. CLAMPING RING               |
| 6. EXIST. SINGLE-PLY MEMBRANE              | E. PLASTIC CEMENT                     |
| 44. REMOVE AND REINSTALL EXIST. ROOF DRAIN | F. MFR'S APPROVED MASTIC              |
| 10. FLEXIBLE SHEET FLASHING                | G. EXIST. 2X4 P.T. NAILER(S)          |
| 11. FLEXIBLE SHEET MEMBRANE                | H. HEAT WELD                          |
| A. EXIST. UNDER DECK CLAMP                 | J. 1/4" DENSDECK (FULLY ADHERED)      |
| B. EXIST. DRAIN PIPE                       | K. TAPERED ISO. MECHANICALLY FASTENED |
| C. EXIST. STRAINER                         | L. EXISTING INSULATION                |



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**TITLE** ROOF DRAIN REPAIR  
 DETAIL  
**SCALE** 3"-1'-0"





- |      |   |    |  |
|------|---|----|--|
| 3.   | EXISTING DECK   | A. | HEAT WELD                                      |
| 4.   | EXIST. PARAPET WALL   | B. | FASTENERS W/ STRESS PLATES                     |
| 6.   | EXIST. SINGLE-PLY MEMBRANE  | C. | EXIST. OPENING THRU EXIST. CONC. WALL          |
| 23.  | SEALANT   | D. | NEW 24 GA ST. STL. SCUPPER SEE DETAIL (H.703)  |
| 70.  | FLEXIBLE SHEET FLASHING   | E. | FULLY ADHERE W/ MANUFACTURER'S APPROVED MASTIC |
| 71.  | FLEXIBLE SHEET MEMBRANE   | F. | 1/4" DENSDECK (FULLY ADHERED)                  |
| 42.  | 5/8" PLYWOOD-SCREW FASTEN @ 8" O.C. TOP & BOTTOM STAGGERED. COUNTERSINK SCREWHEADS. | G. | TAPERED ISO. BD. MECHANCIALLY FASTENED         |
| 133. | EXISTING WOOD BLOCKING TO REMAIN. REPLACE DETERIORATED WD. BLOCKING.                | H. | 1X4 P.T. WD. BLK'G.                            |
|      |   | J. | EXISTING INSULATION                            |



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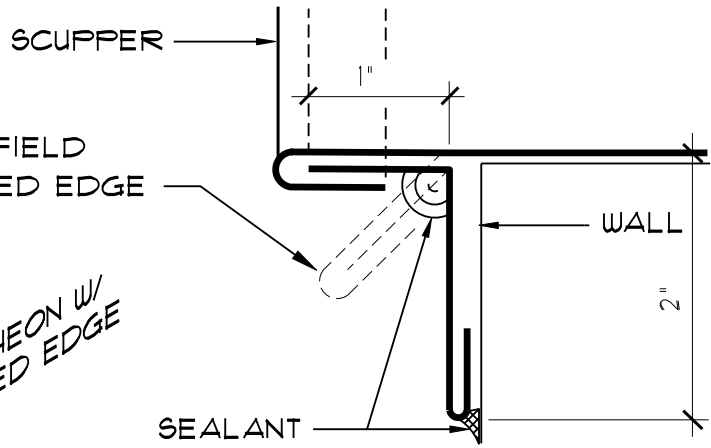
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TITLE **OVERFLOW SCUPPER FLASHING**

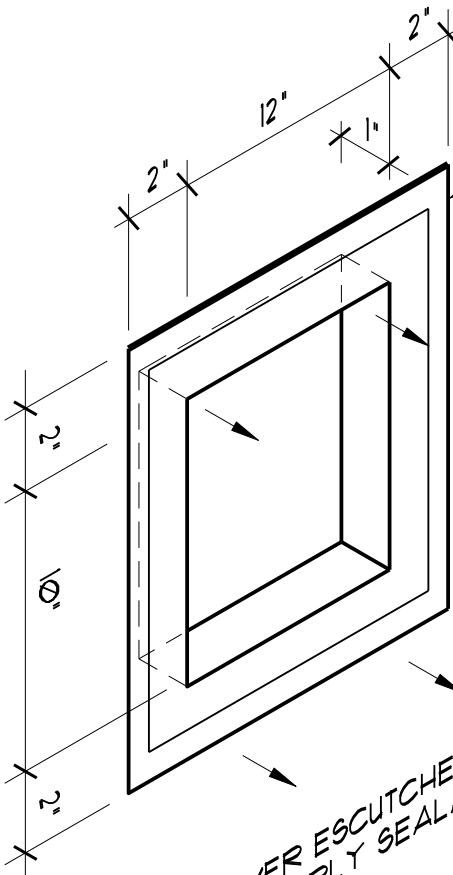
SCALE 3" = 1'-0"



BEND DOWN 45 DEG. IN FIELD  
TO FORM LIP W/ 1/2" HEMED EDGE



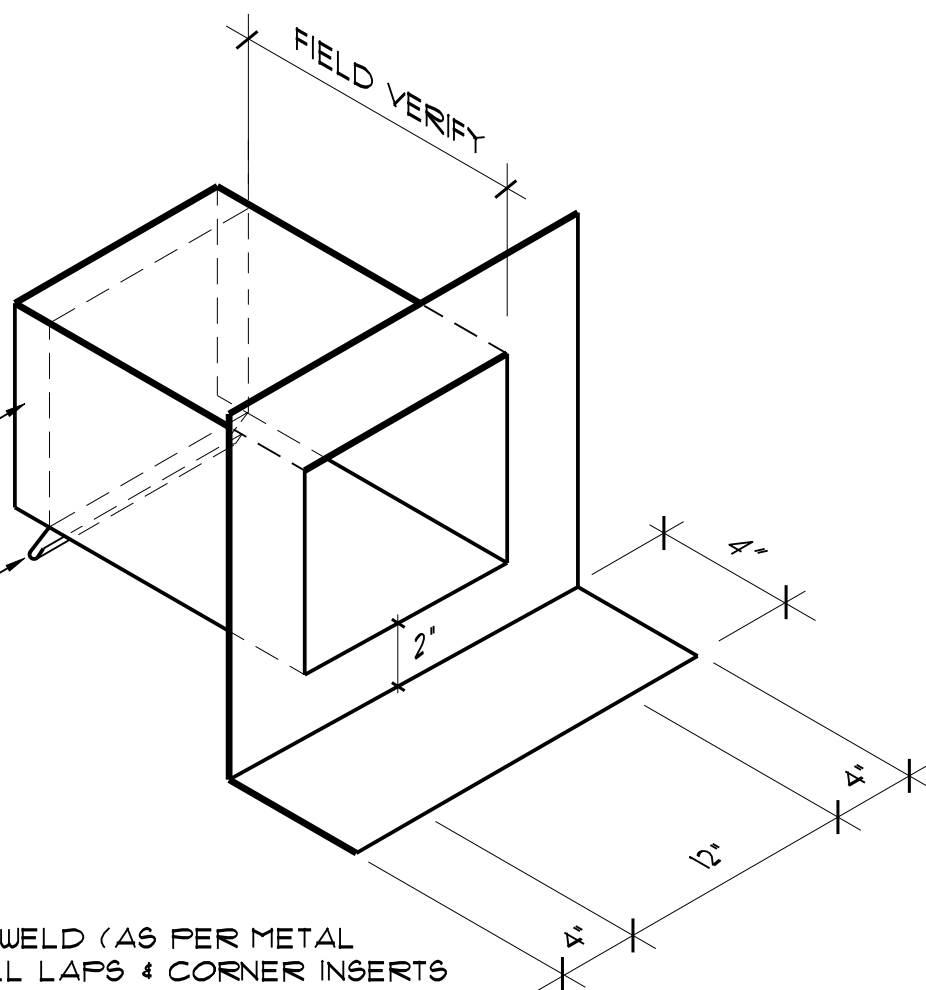
SECTION AT WALL



ESCUTCHEON W/  
1/2" HEMED EDGE

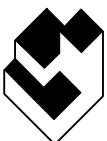
FIELD BEND OVER ESCUTCHEON  
PER DETAILS & APPLY SEALANT

BEND DOWN 45 DEG. IN FIELD  
TO FORM LIP W/ 1/2" HEMED EDGE



NOTE:

1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED.
3. SLEEVE TO BE ON THE OUTSIDE OF SCUPPER



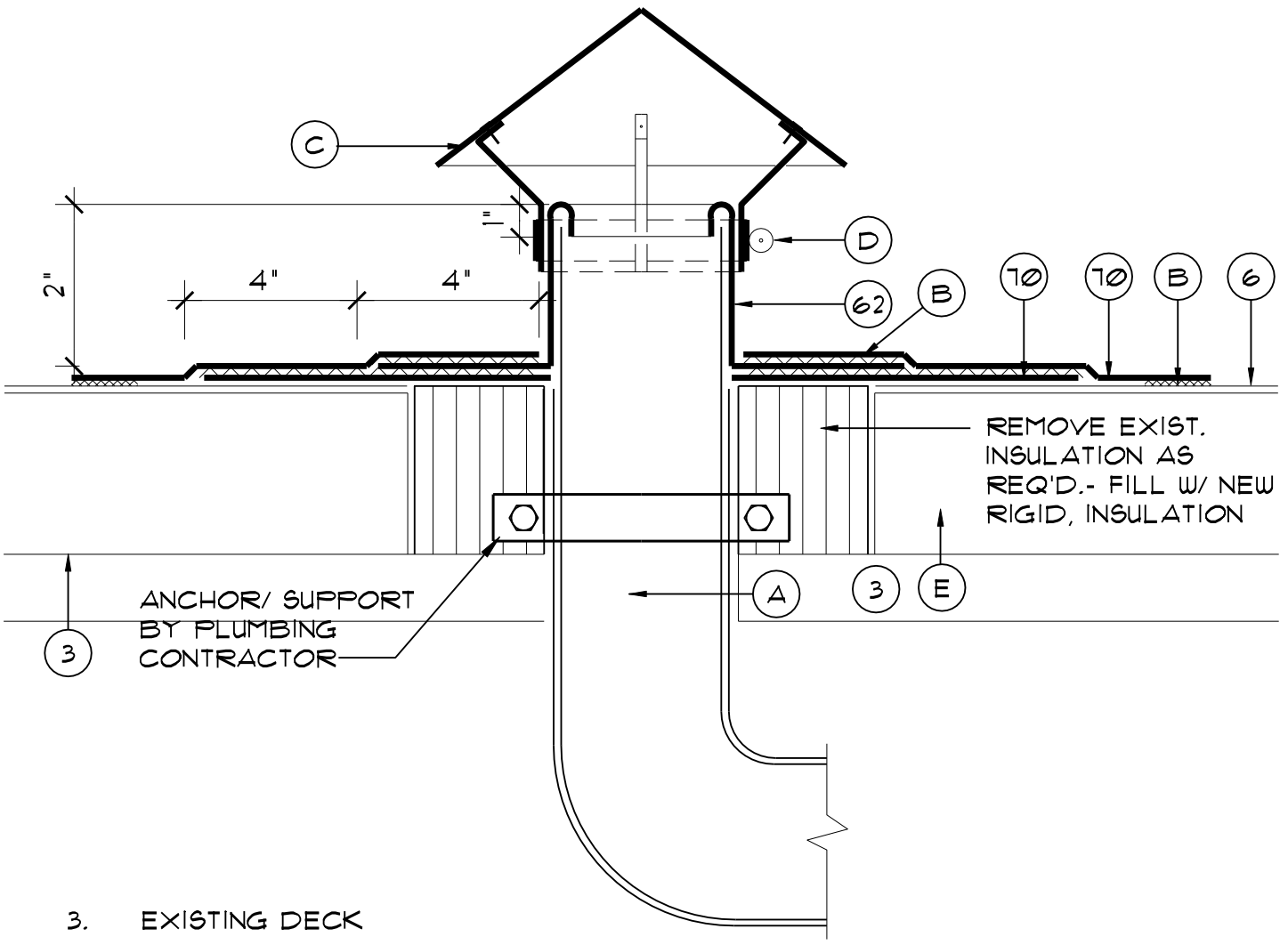
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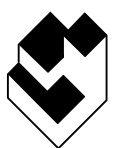
TITLE OVERFLOW SCUPPER  
FABRICATION DETAIL

SCALE N.T.S.





- 3. EXISTING DECK
- 6. EXIST. MEMBRANE TO REMAIN
- 23. SEALANT
- 62. 24 GA. ST. STEEL PREFABRICATED "BOOT" FLASHING
- 70. FLEXIBLE SHEET FLASHING
- A. OVERFLOW ROOF DRAIN PIPE
- B. HEAT WELD
- C. CHINA HAT W/ 4 SUPPORT STRAPS
- D. ST. STL. DRAW BAND
- B. EXISTING INSULATION



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TITLE OVERFLOW DRAIN FLASHING  
  
SCALE N.T.S.

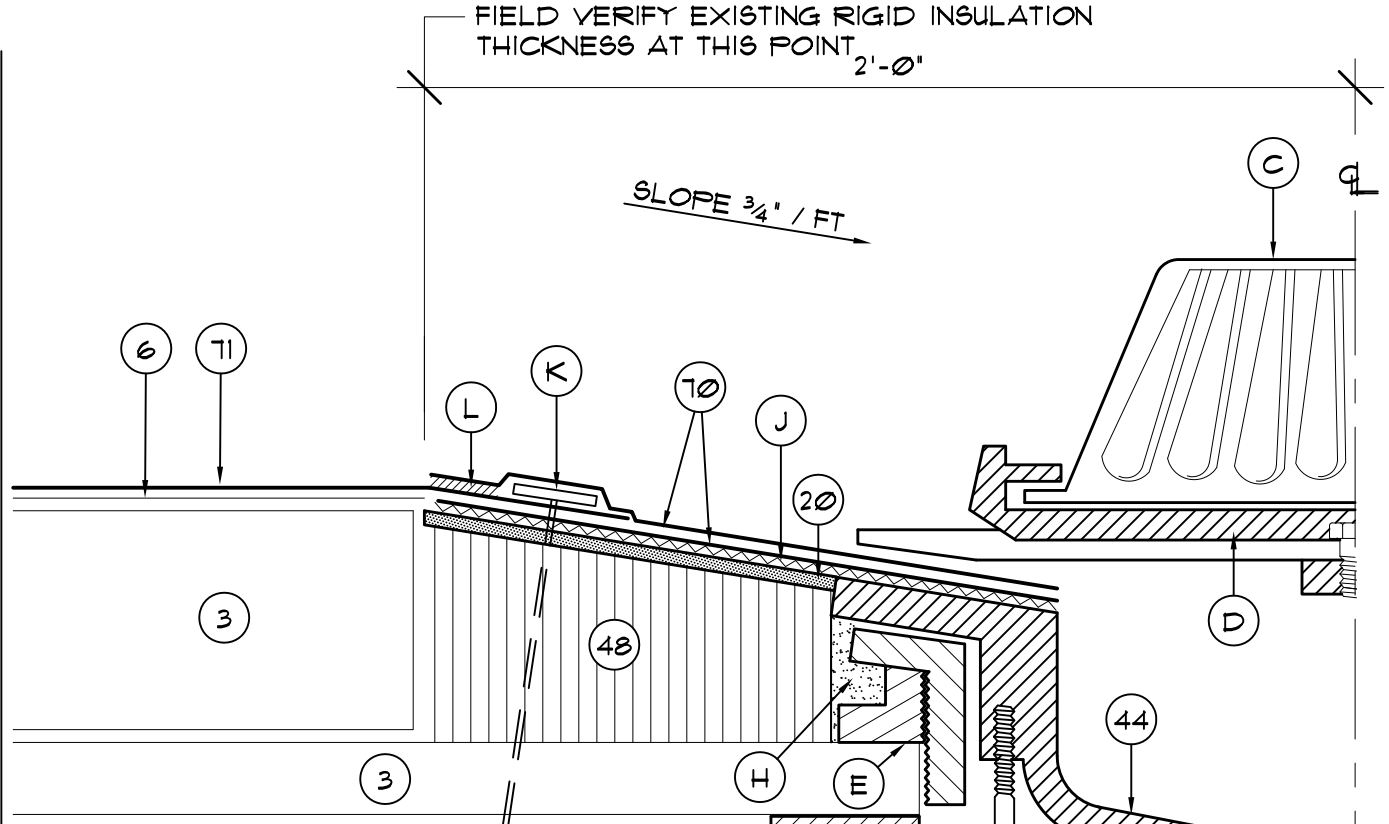


ACAD FILE # 15036D105

DATE: ..

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 15036.00



- 3. EXISTING NON-TAPERED RIGID INSULATION OVER METAL DECK
- 6. EXISTING MEMBRANE TO REMAIN
- 20. GYPSUM ROOF BOARD
- 44. EXISTING OR NEW ROOF DRAIN - ADJUST ELEV. ABOVE DECK IN FIELD
- 48. 3/4" / FT SLOPED SUMP FROM TAPERED RIGID INSULATION - 2' FROM CENTER EACH WAY
- 70. FLEXIBLE SHEET FLASHING
- 71. FLEXIBLE SHEET MEMBRANE
- 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.
- A. UNDER DECK CLAMP
- B. EXIST. DRAIN PIPE - MODIFY AS REQ'D
- C. NEW STRAINER

- D. NEW CLAMPING RING
- E. MFR'S STD. ADJUSTABLE HEIGHT COLLAR - ANCHOR TO DECK W/ 4-1/4" #SCREWS
- F. EXISTING SUPPLEMENTAL REINFORCING FRAMING AT PERIMETER OF ROOF DRAIN DECK OPENING
- G. WRAP ROOF LEADER PIPE & PACK UNDER DRAIN W/ NON-COMBUSTIBLE INSULATION
- H. SPRAY URETHANE FROM FILLER/ SEALANT
- J. FULL BEAD OF MEMBRANE COMPATIBLE SEALANT OR MASTIC
- K. FASTENER W/ STRESS PLATE
- L. HEAT WELD

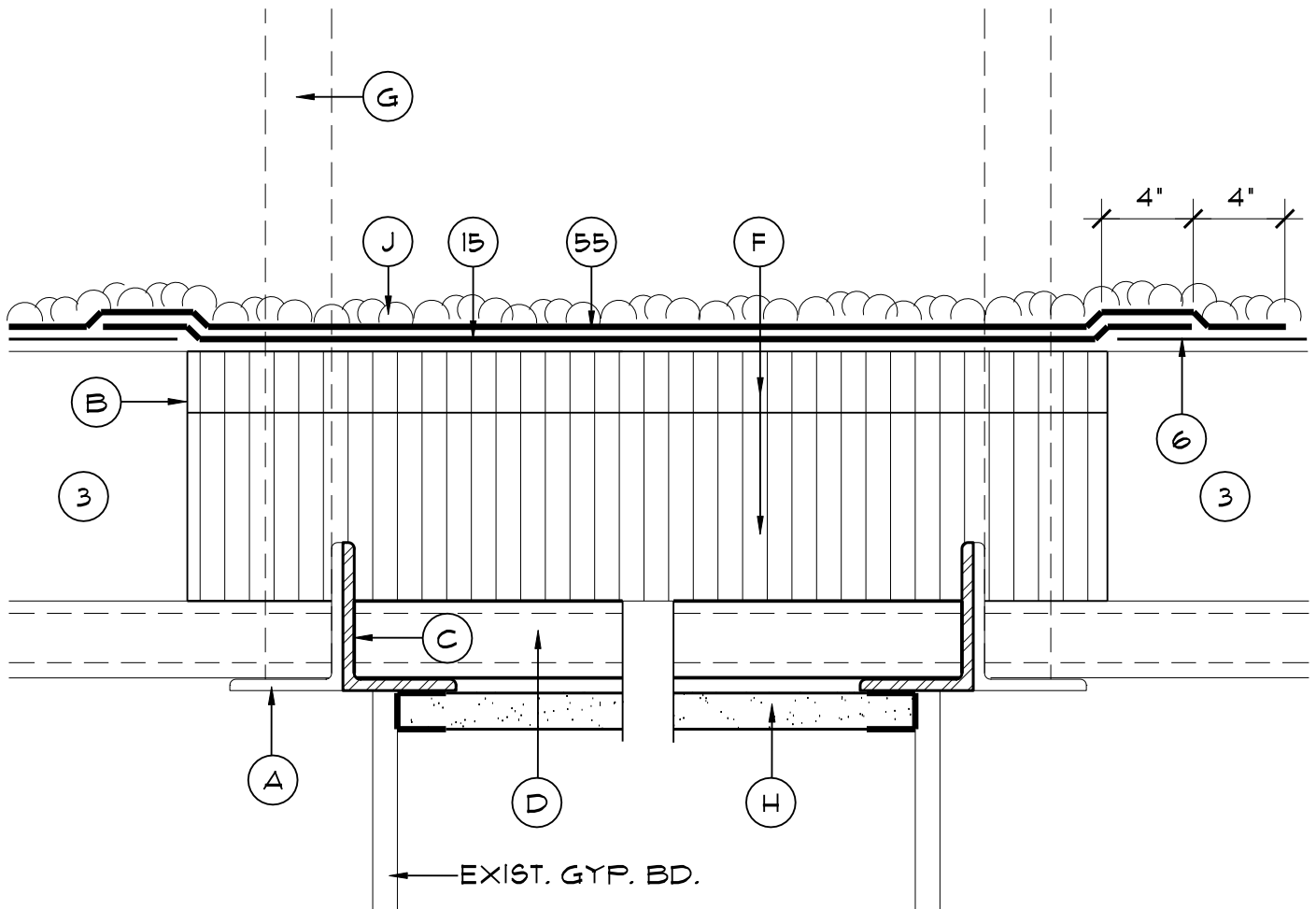


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TITLE BID ALTERNATE - ROOF DRAIN DETAIL

SCALE 3" = 1'-0"

NO. D.705



**CLOSURE AT LARGE OPENINGS**

- |   |   |
|---|---|
| <p>3. EXIST. RIGID INSULATION OVER LT. WT. CONC. ON METAL DECK</p> <p>6. EXIST. MEMBRANE TO REMAIN</p> <p>15. BASE SHEET</p> <p>55. 3 PLY B.U.R.</p> <p>A. EXIST. SUPPORT ANGLES</p> <p>B. CUT BACK EXIST. LT. WT. CONC. AS REQ'D. TO REMOVE EXIST. ABANDONED CURB</p> <p>C. NEW 3X3X <math>\frac{5}{8}</math>" ANGLE ON 4 SIDES WELDED TO EXIST. ANGLE</p> | <p>D. NEW METAL DECK</p> <p>E. MECHANICALLY FASTEN ISO. BD. RIGID INSULATION FILLER AS REQ'D.</p> <p>F. SOLIDLY MOP PERLITE INSULATION TO ISO. BD. AS REQ'D. TO IN-FILL AREA - SOLIDLY MOP BASE SHEET TO PERLITE</p> <p>G. REMOVE EXIST. ABANDONED CURB</p> <p>H. NEW <math>\frac{1}{2}</math>" TYPE "X" GYP. BD. PAINT TO MATCH EXIST.</p> <p>J. NEW GRAVEL IN FLOOD COAT OF ASPHALT</p> |
|---|---|



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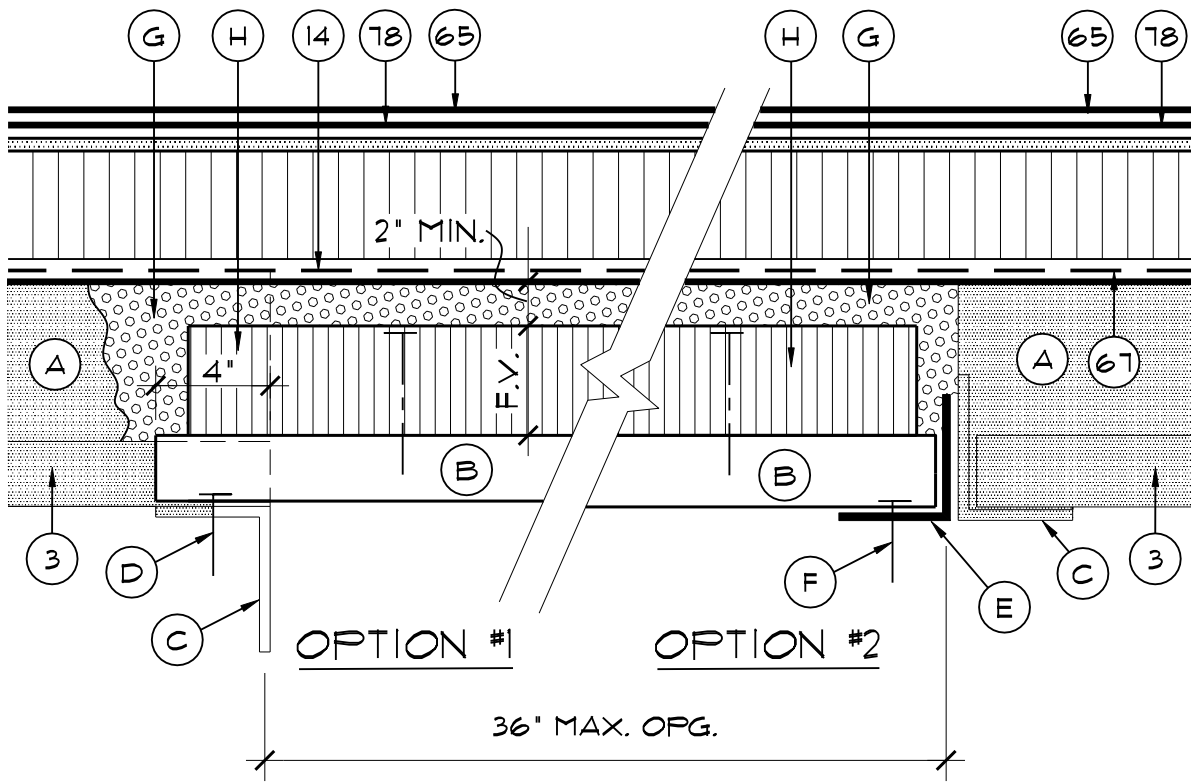
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TITLE DECK INFILL AT LARGE EXISTING OPENING

SCALE N.T.S.







**CLOSURE AT SMALL OPENINGS**

- 3. EXISTING STRUCT. METAL DECK
- 18. TAPERED RIGID INSULATION
- 20. GYPSUM ROOF BOARD
- 65. MODIFIED BITUMEN CAP SHEET
- 14. PRELIMINARY ROOF
- 78. 2 - MOD. BIT. INTERPLY SHEETS

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>A. EXISTING LT. WT. CONCRETE TO REMAIN - REMOVE AS REQ'D TO INSTALL NEW ROOF DECK AT OPTION #1</li> <li>B. NEW 22 GA MIN. STEEL ROOF DECK - MATCH EXISTING TYPE &amp; PROFILE IF NESTING DECKS - SEAL ALL OPENINGS</li> <li>C. EXISTING SUPPORT AT PERIMETER OF OPENING TO REMAIN</li> <li>D. "NEST" NEW ROOF DECK WITH EXISTING AND ANCHOR TO UNDERLYING SUPPORT W/ #12φ "DECK" SCREWS AT 6" O.C. AT ALL FOUR SIDES</li> <li>E. CONT. 3"x3" 18 GA. GALV. STEEL ANGLE AT ALL FOUR SIDES. ANCHOR TO EXISTING OPENING FRAMING W/ #12φ "DECK" SCREWS AT 6" O.C.</li> </ul> | <ul style="list-style-type: none"> <li>F. ANCHOR DECK TO NEW STEEL PERIMETER ANGLE W/ #12φ "DECK" SCREWS @ 6" O.C.</li> <li>G. NEW LT. WT. CONCRETE REPAIR COMPOUND BAG MIX - POUR FLUSH W/ EXISTING SURFACES</li> <li>H. NEW EPS "HOLEY" BOARD RIGID INSULATION, FIELD VERIFY SIZE &amp; THICKNESS, MECHANICALLY FASTEN TO UNDERLYING METAL DECK WITH #12 SCREWS &amp; FM "DISCS" (AT RATE OF 1/1 SQ. FT.)</li> </ul> |
|--|--|

CONTRACTOR'S OPTION:  
 IF OPENING IS 12" OR LESS THE OPENING CAN BE COVERED BY A 12 GA. GALV. STEEL PLATE (R.O. SIZE + 6")



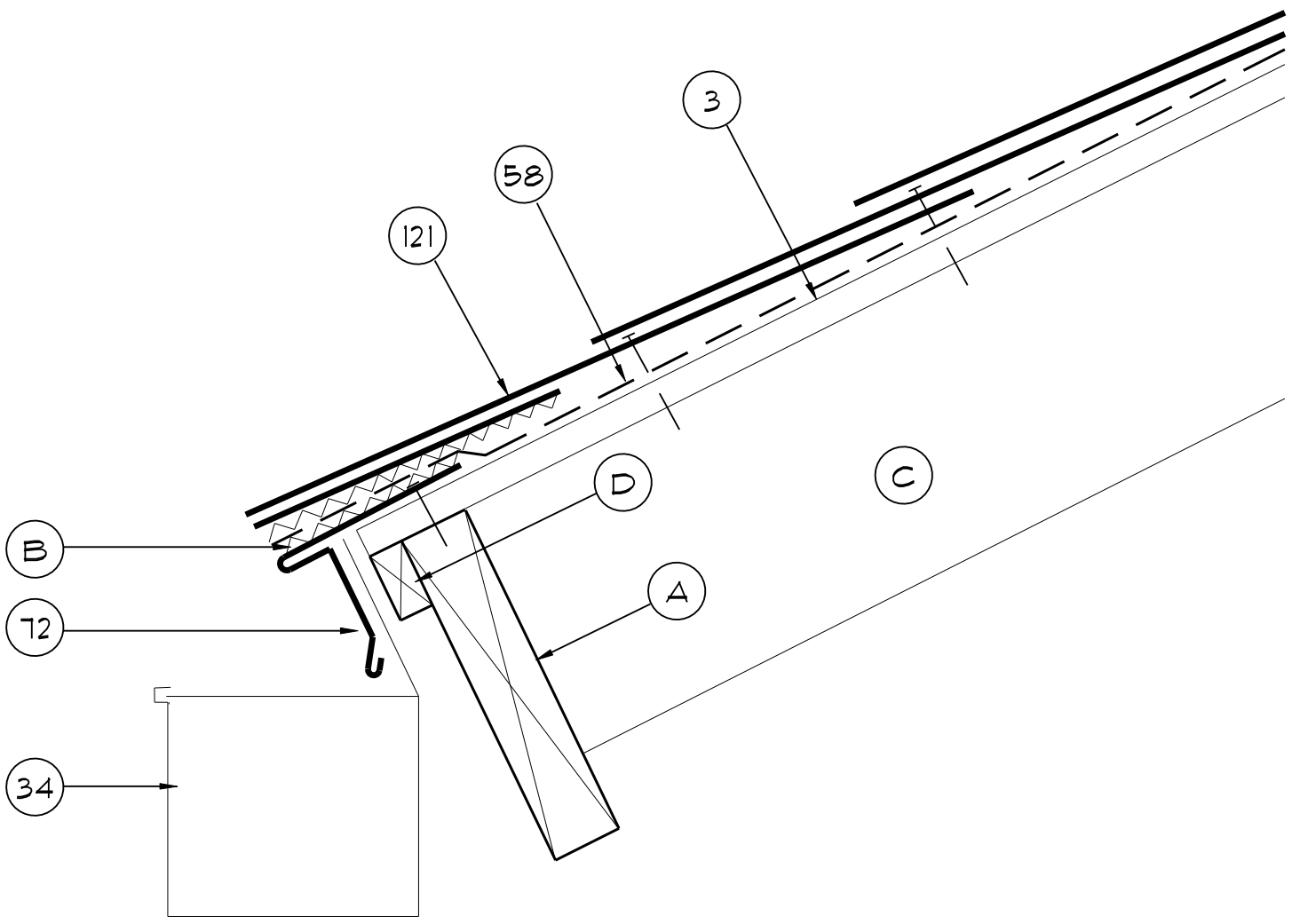
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TITLE DECK INFILL AT EXISTING  
 OPENING IN LWIC DECK

SCALE N.T.S.





- 3. EXISTING PLYWOOD DECK
- 34. EXISTING GUTTER AND DOWNSPOUTS TO REMAIN - VERIFY LOCATIONS
- 58. SHINGLE UNDERLAYMENT
- 72. METAL EAVE DRIP-SEE DET. (F.301)
- 121. FIBERGLASS SHINGLES
- A. REPLACE DAMAGED 2X8 WOOD FASCIA WHERE REQUIRED.
- B. SET PLY FELT UNDERLAYMENT IN FULL AND CONTINUOUS BED OF ROOF CEMENT.
- C. EXISTING TRUSS/SOFFIT
- D. REPLACE DAMAGED 1X2 WOOD TRIM WHERE REQUIRED.



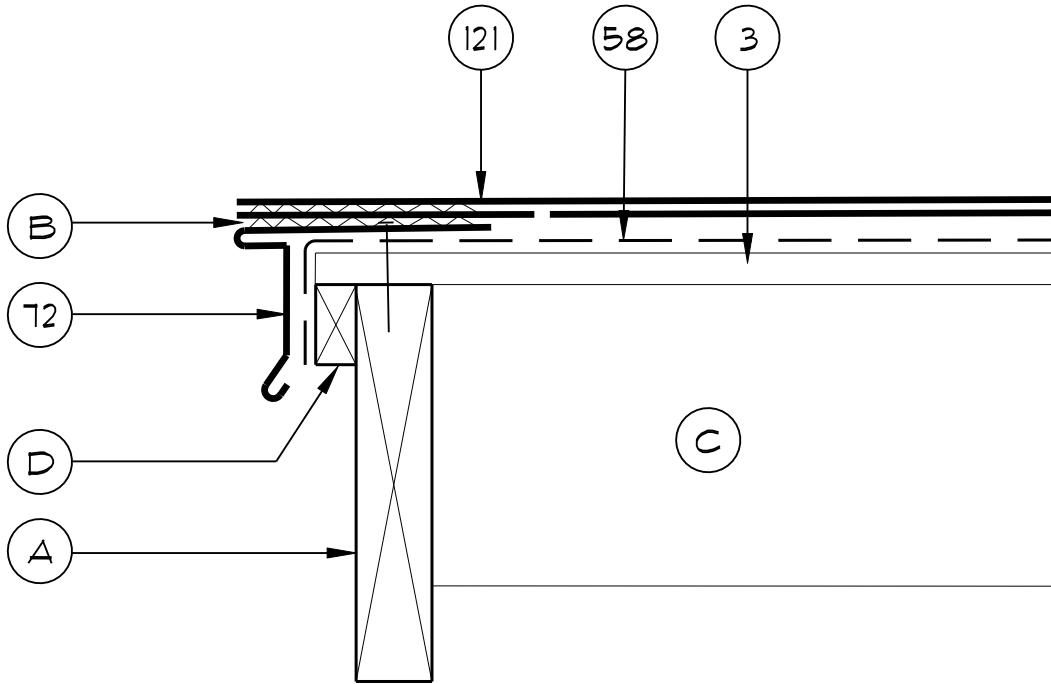
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TITLE EAVE DETAIL

SCALE 3"=1'





- |      |                                      |    |  |
|------|--------------------------------------|----|--|
| 3.   | EXISTING DECK                        | A. | REPLACE DAMAGED 2X8 WOOD FASCIA WHERE REQUIRED         |
| 58.  | SELF ADHERING MOD. BIT. UNDERLAYMENT | B. | SET SHINGLES IN FULL AND CONTINUOUS BED OF ROOF CEMENT |
| 72.  | EAVE DRIP - SEE DETAIL (F.301)       | C. | EXISTING STRUCTURE                                     |
| 121. | FIBERGLASS SHINGLES                  | D. | REPLACE DAMAGED 1X2 WOOD TRIM WHERE REQUIRED           |



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TITLE RAKE DETAIL

SCALE 3" = 1'-0"



DOUBLE LAYER AT ALL HIP & RIDGES

START HERE

MODIFIED BITUMEN CAP SHEET

NAIL

5"

5 1/2" MIN.

1"

START HERE

STARTER COURSE

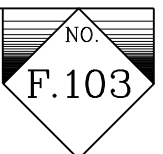


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TITLE RIDGE FLASHING ISOMETRIC

SCALE N.T.S.



ACAD FILE # 15036F201

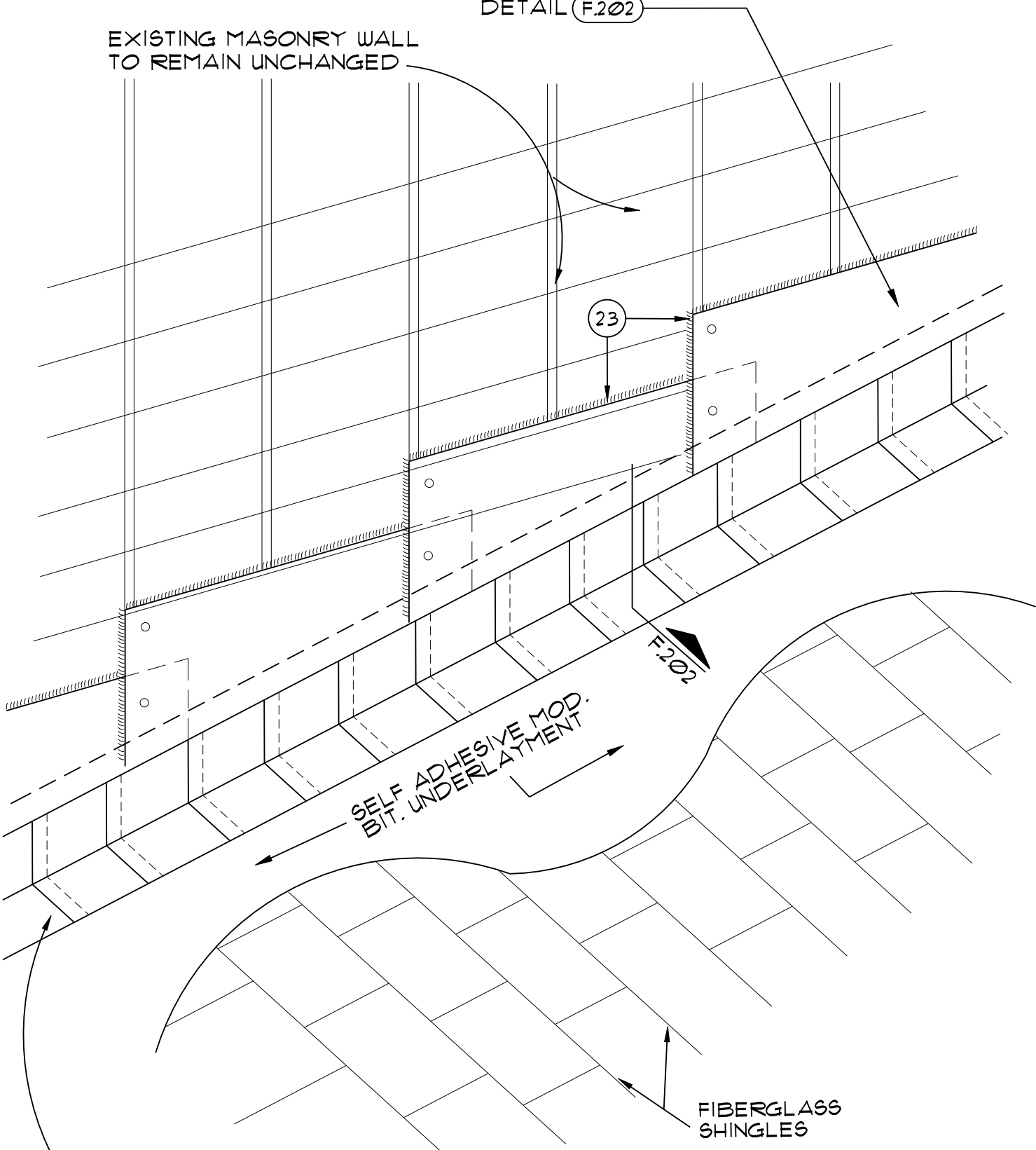
DATE:

PLOT SCALE : 3"=1'

PROJECT NUMBER: 15036.00

REGLET MOUNTED ST. STL.  
COUNTERFLASHING-SEE  
DETAIL (F.202)

EXISTING MASONRY WALL  
TO REMAIN UNCHANGED



SELF ADHESIVE MOD.  
BIT. UNDERLAYMENT

FIBERGLASS  
SHINGLES

22 GA. GALV. STL. STEP  
FLASHING PER DETAIL (F.202)  
-INSTALL IN SEQUENCE WITH  
SHINGLES

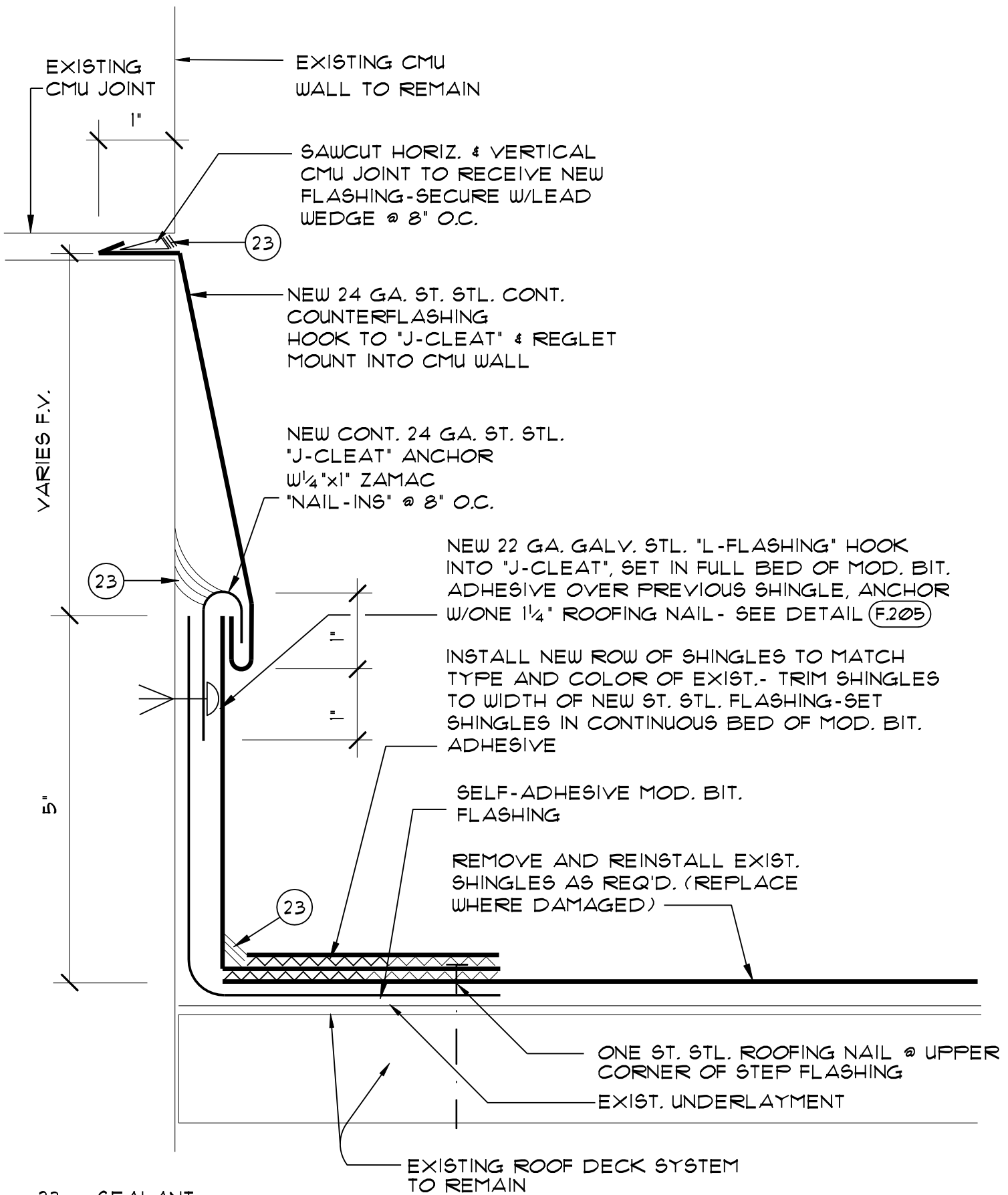
23. SEALANT



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TITLE ROOF-TO-WALL  
 TRANSITION @ RAKE  
SCALE N.T.S.





23. SEALANT



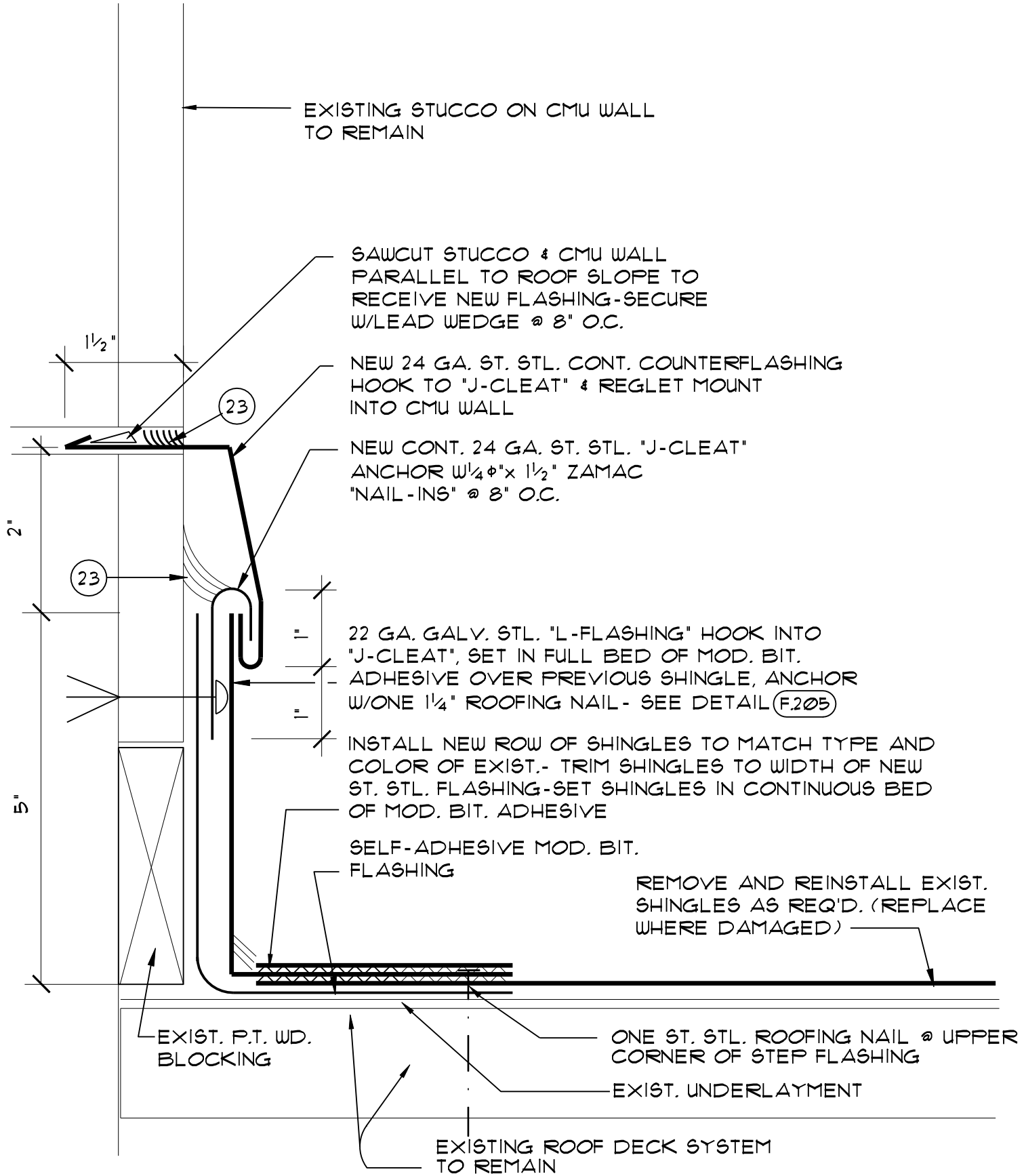
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TITLE CMU WALL FLASHING  
DETAIL AT RAKE

SCALE N.T.S.





EXISTING STUCCO ON CMU WALL TO REMAIN

SAWCUT STUCCO & CMU WALL PARALLEL TO ROOF SLOPE TO RECEIVE NEW FLASHING-SECURE W/LEAD WEDGE @ 8" O.C.

NEW 24 GA. ST. STL. CONT. COUNTERFLASHING HOOK TO "J-CLEAT" & REGLET MOUNT INTO CMU WALL

NEW CONT. 24 GA. ST. STL. "J-CLEAT" ANCHOR W/1/4" x 1/2" ZAMAC "NAIL-INS" @ 8" O.C.

22 GA. GALV. STL. "L-FLASHING" HOOK INTO "J-CLEAT", SET IN FULL BED OF MOD. BIT. ADHESIVE OVER PREVIOUS SHINGLE, ANCHOR W/ONE 1/4" ROOFING NAIL - SEE DETAIL (F.205)

INSTALL NEW ROW OF SHINGLES TO MATCH TYPE AND COLOR OF EXIST.- TRIM SHINGLES TO WIDTH OF NEW ST. STL. FLASHING-SET SHINGLES IN CONTINUOUS BED OF MOD. BIT. ADHESIVE

SELF-ADHESIVE MOD. BIT. FLASHING

REMOVE AND REINSTALL EXIST. SHINGLES AS REQ'D. (REPLACE WHERE DAMAGED)

EXIST. P.T. WD. BLOCKING

ONE ST. STL. ROOFING NAIL @ UPPER CORNER OF STEP FLASHING

EXIST. UNDERLAYMENT

EXISTING ROOF DECK SYSTEM TO REMAIN

23. SEALANT



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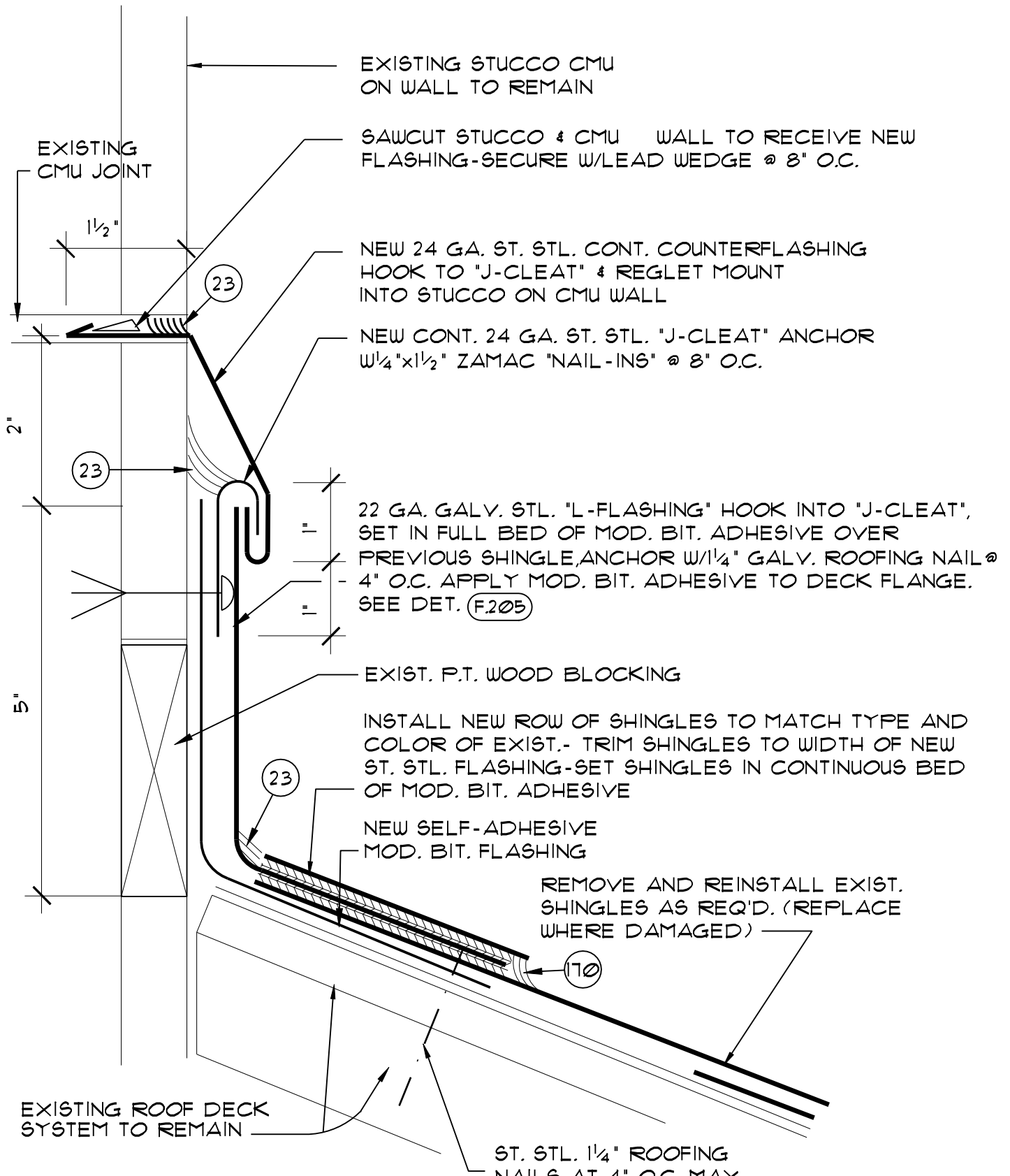
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TITLE STUCCO WALL FLASHING  
DETAIL AT RAKE

SCALE N.T.S.



ACAD FILE # 15036F204  
DATE: ..  
PLOT SCALE : 3" = 1"  
PROJECT NUMBER: 15036.00



EXISTING STUCCO CMU ON WALL TO REMAIN

SAWCUT STUCCO & CMU WALL TO RECEIVE NEW FLASHING-SECURE W/LEAD WEDGE @ 8" O.C.

NEW 24 GA. ST. STL. CONT. COUNTERFLASHING HOOK TO "J-CLEAT" & REGLET MOUNT INTO STUCCO ON CMU WALL

NEW CONT. 24 GA. ST. STL. "J-CLEAT" ANCHOR W/1/4"x1 1/2" ZAMAC "NAIL-INS" @ 8" O.C.

22 GA. GALV. STL. "L-FLASHING" HOOK INTO "J-CLEAT", SET IN FULL BED OF MOD. BIT. ADHESIVE OVER PREVIOUS SHINGLE, ANCHOR W/1/4" GALV. ROOFING NAIL @ 4" O.C. APPLY MOD. BIT. ADHESIVE TO DECK FLANGE. SEE DET. (F.205)

EXIST. P.T. WOOD BLOCKING

INSTALL NEW ROW OF SHINGLES TO MATCH TYPE AND COLOR OF EXIST.- TRIM SHINGLES TO WIDTH OF NEW ST. STL. FLASHING-SET SHINGLES IN CONTINUOUS BED OF MOD. BIT. ADHESIVE

NEW SELF-ADHESIVE MOD. BIT. FLASHING

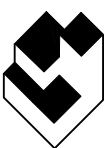
REMOVE AND REINSTALL EXIST. SHINGLES AS REQ'D. (REPLACE WHERE DAMAGED)

EXISTING ROOF DECK SYSTEM TO REMAIN

ST. STL. 1/4" ROOFING NAILS AT 4" O.C. MAX.

23. SEALANT

170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.



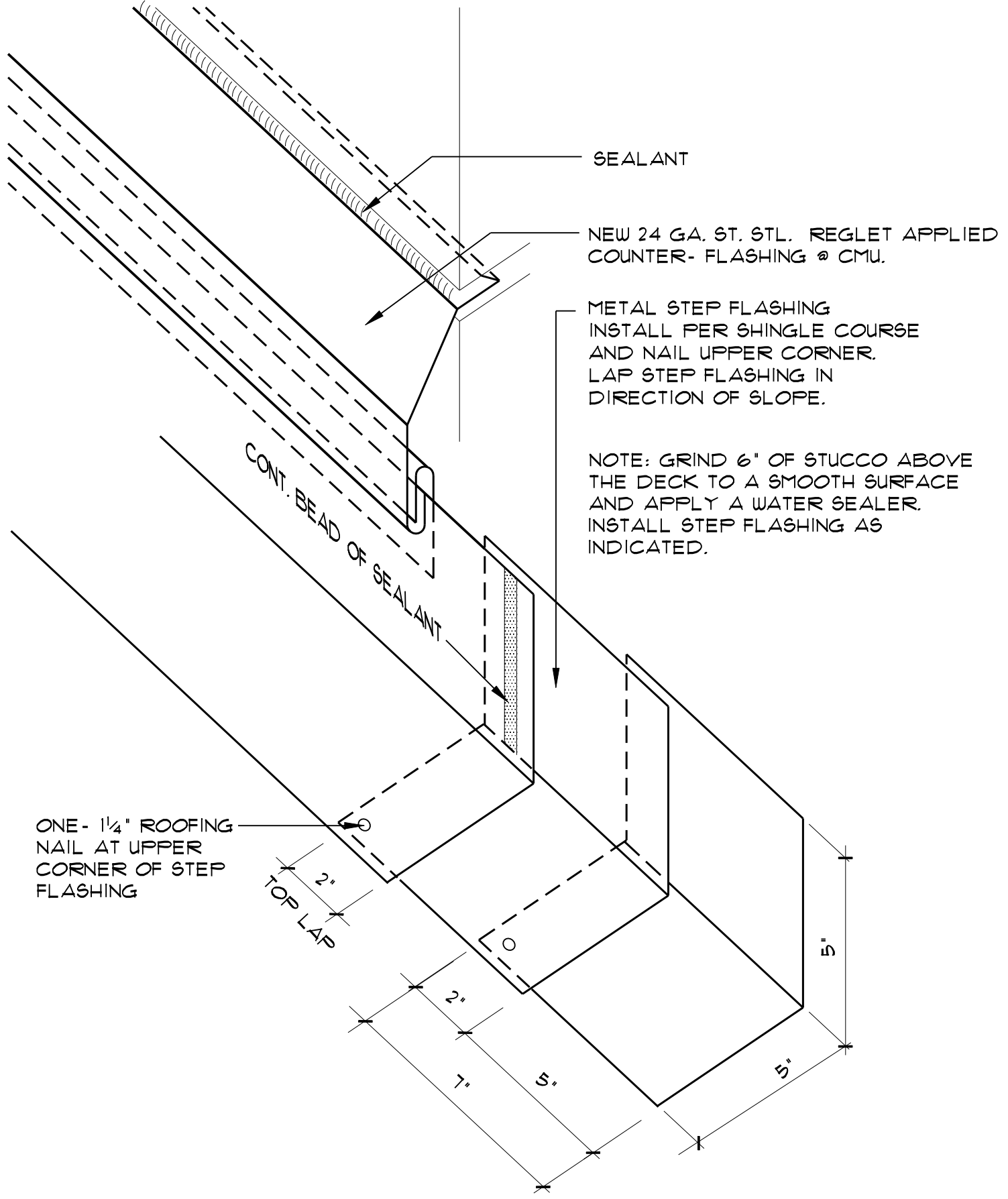
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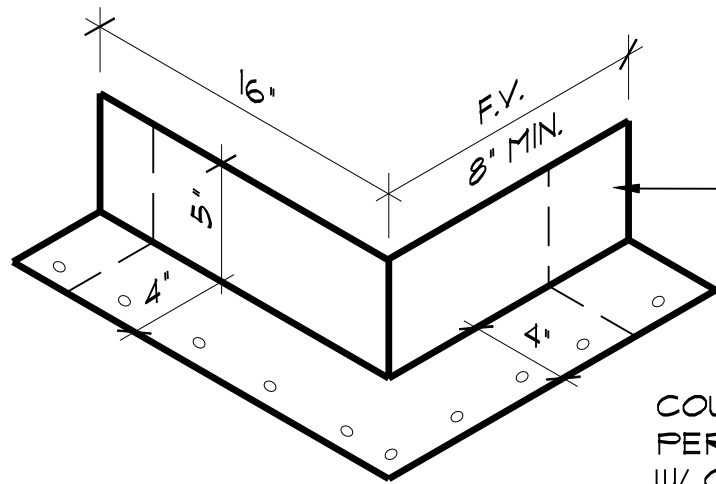
TITLE STUCCO WALL FLASHING  
DETAIL AT RIDGE

SCALE N.T.S.





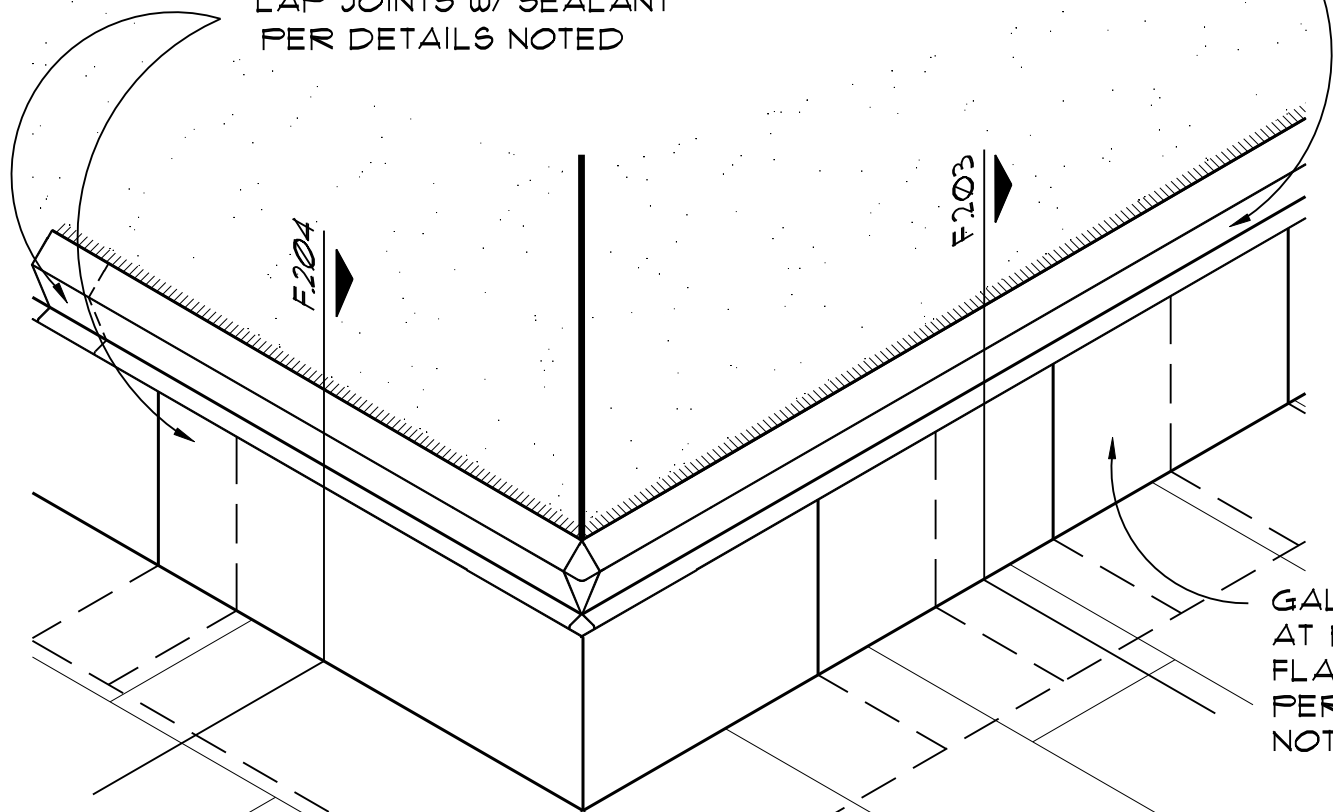




ONE-PIECE SOLDERED  
CORNER FABRICATION  
FOR "L-FLASHING"

COUNTERFLASHING  
PER DETAILS NOTED  
W/ ONE-PIECE SOLDERED  
CORNER FABRICATION

LAP JOINTS W/ SEALANT  
PER DETAILS NOTED



**NOTES:**

1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE FASTEN @ 8" O.C. USE METAL BACKED NEOPRENE WASHERS BEHIND FASTENER HEADS
2. CLOSURE PIECE AT END CONDITION

EXIST. SHINGLES  
REPLACE WHERE  
NECESSARY

GALV. STEP  
AT RAKE  
FLASHING  
PER DETAIL  
NOTED



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TITLE ROOF-TO-WALL TRANSITION  
DETAIL AT OUTSIDE CORNER

SCALE N.T.S.

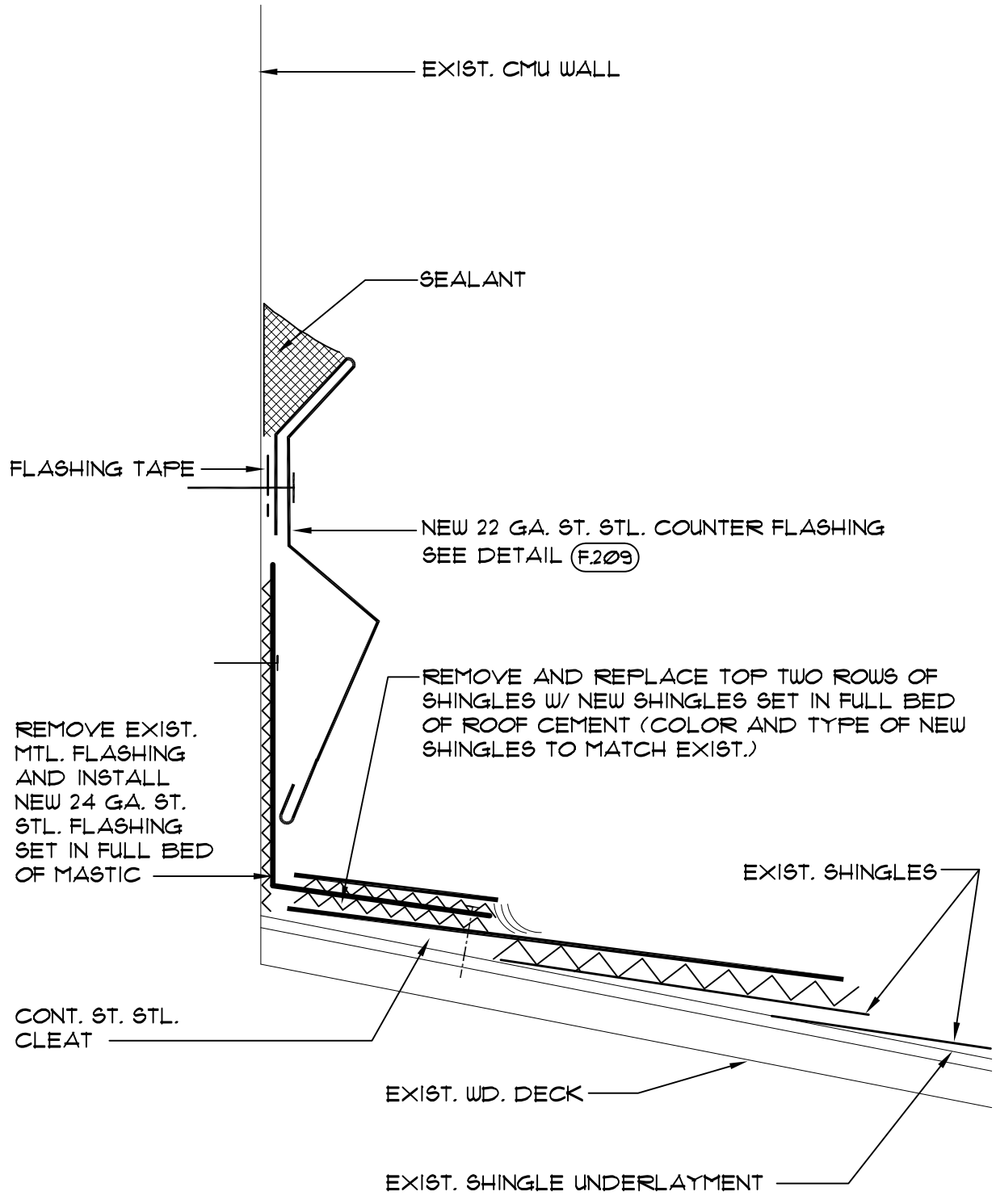
NO.  
**F.206**

ACAD FILE # 15036F207

DATE: . . .

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 15036.00

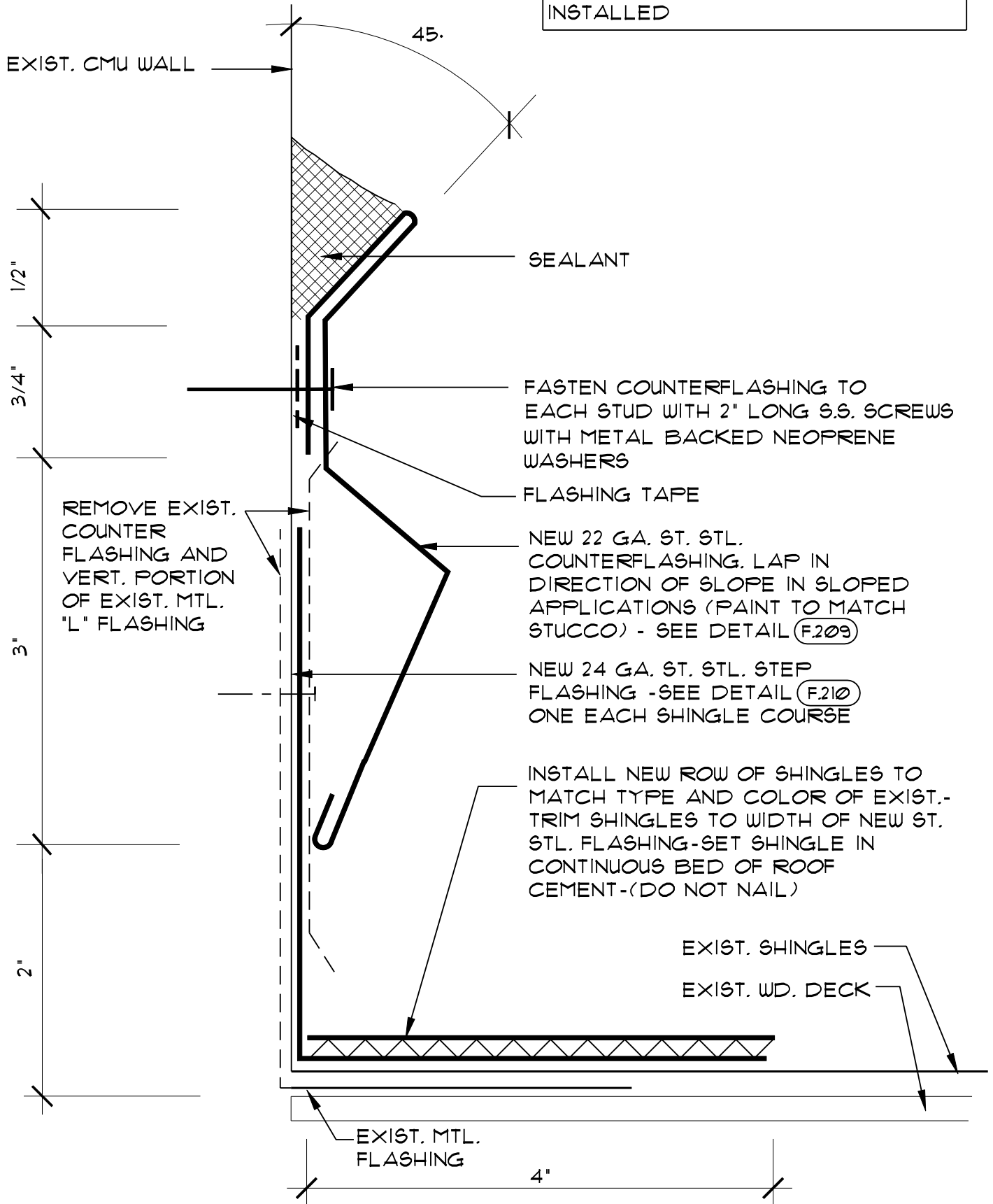


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TITLE EXISTING REGLET FLASHING AT SLOPE  
SCALE N.T.S.



NOTE:  
GRIND STUCCO SMOOTH WHERE NEW  
COUNTER-FLASHING IS BEING  
INSTALLED



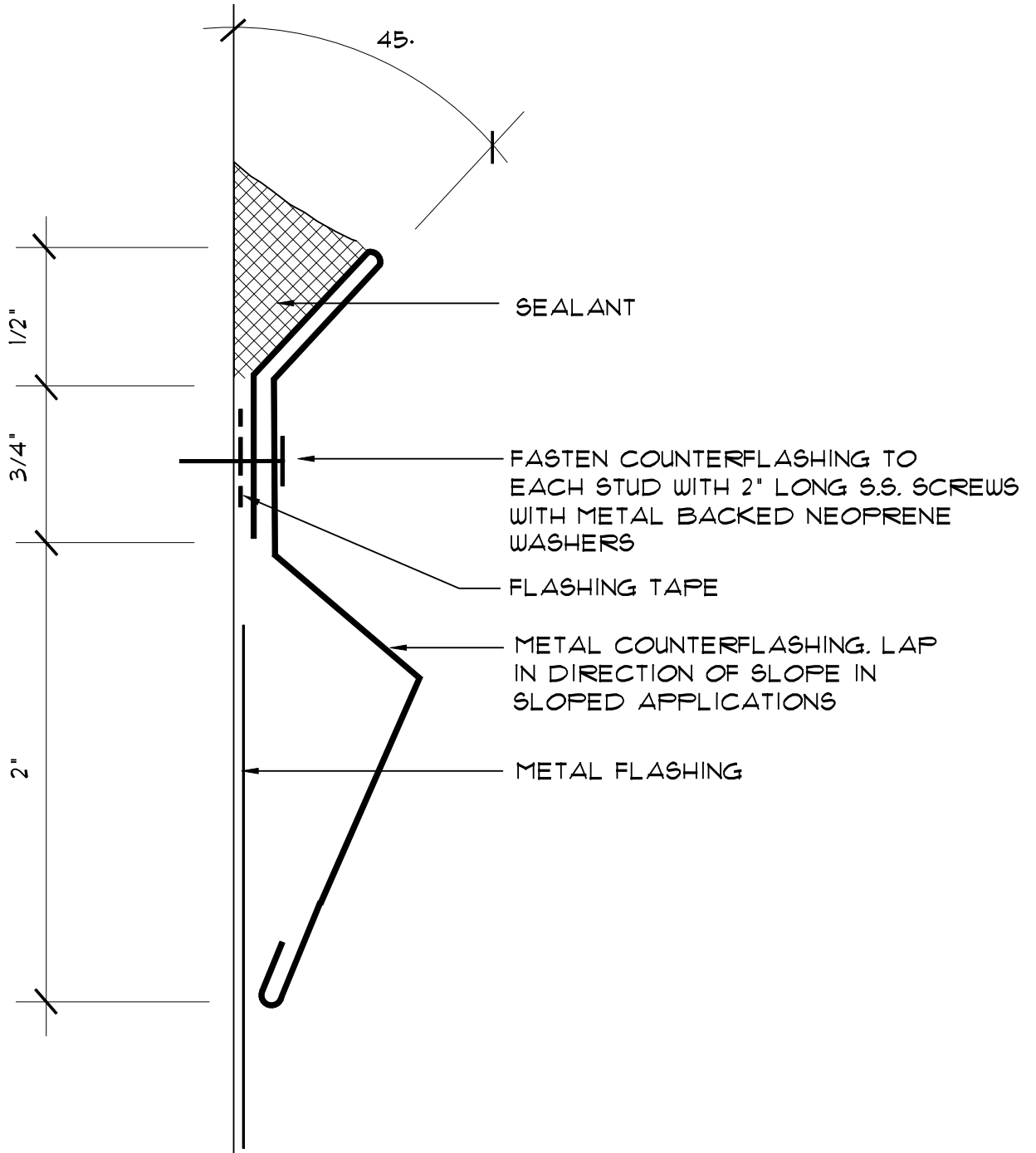
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TITLE COUNTERFLASHING  
AT RAKE

SCALE N.T.S.





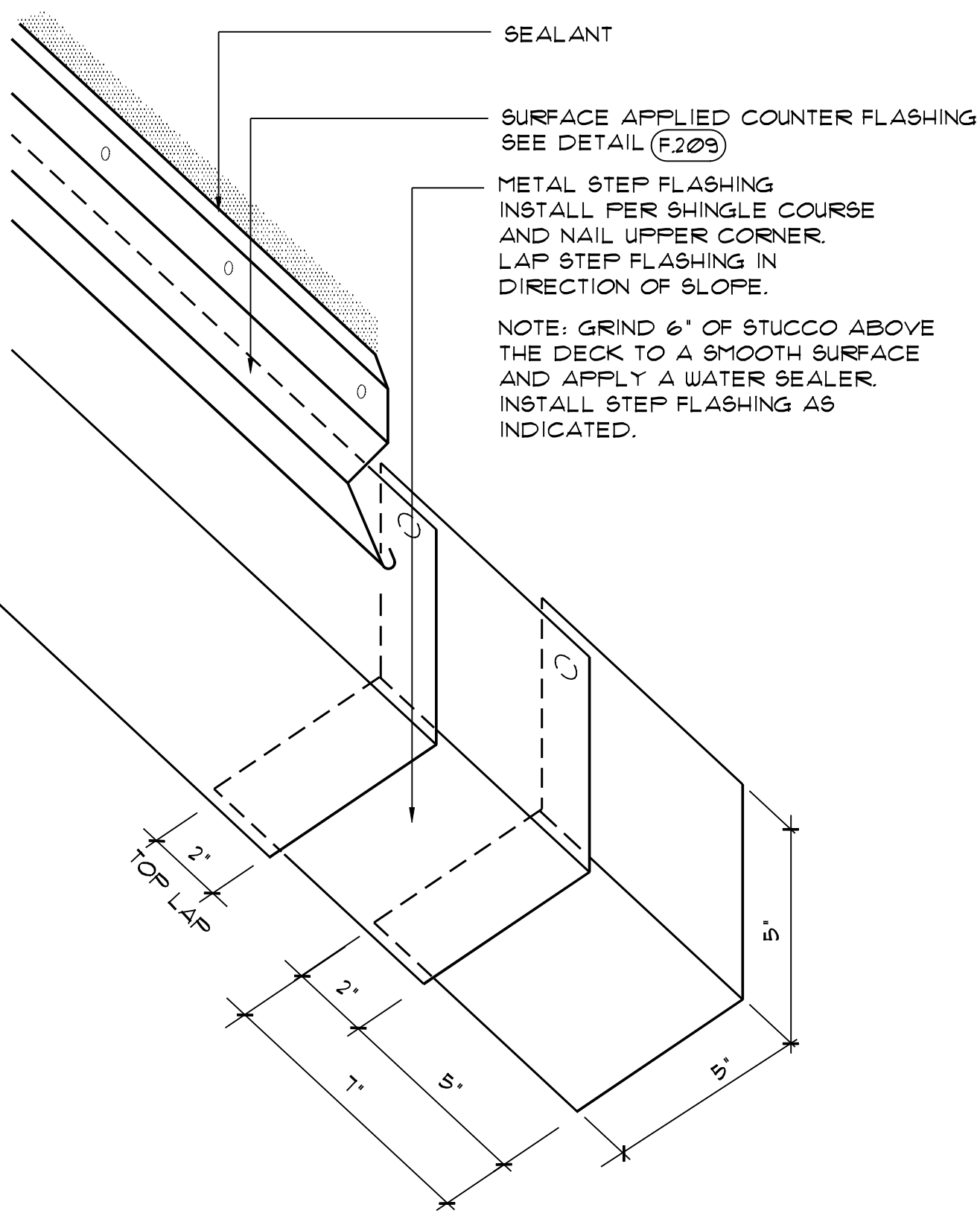
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TITLE COUNTERFLASHING

SCALE N.T.S.

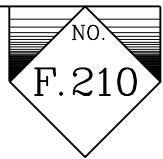


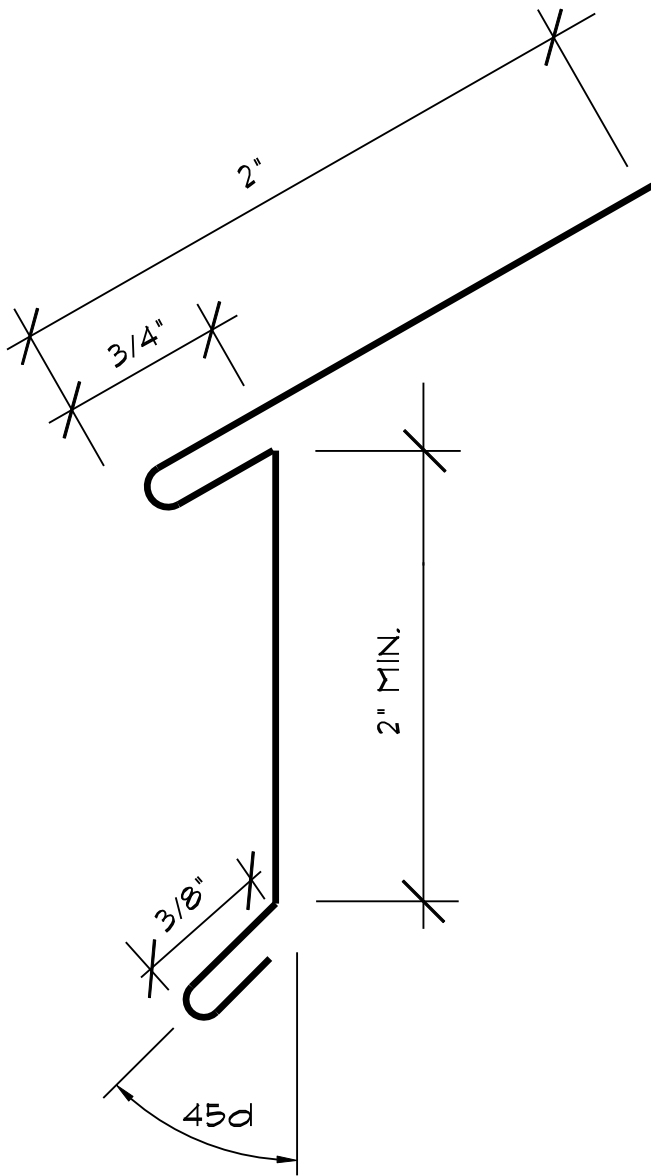


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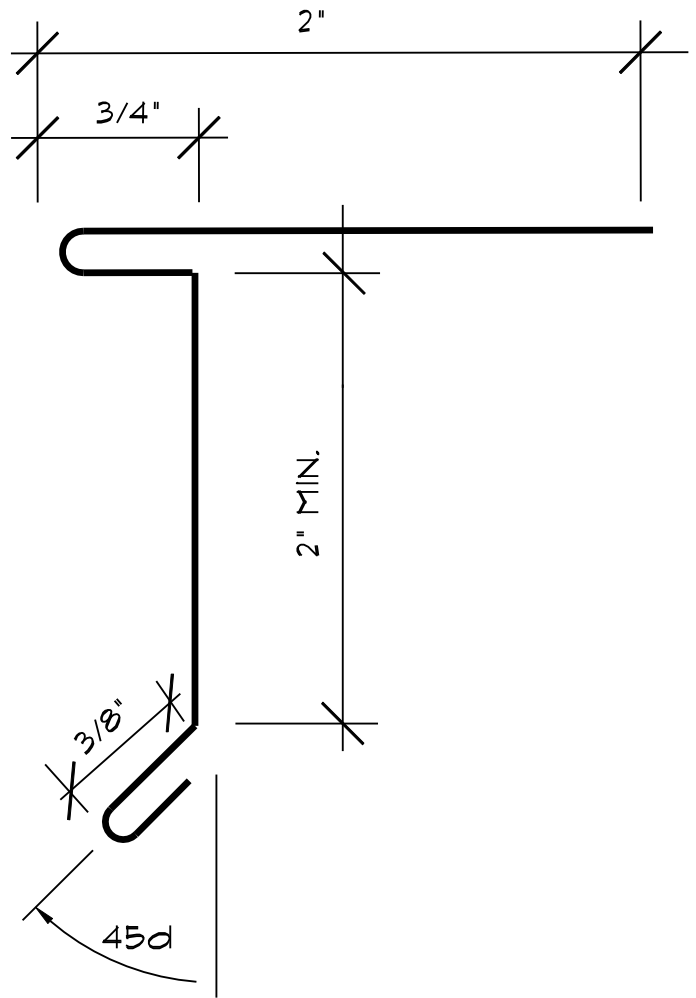
TITLE STEP FLASHING

SCALE N.T.S.





NOTE:  
NEW EDGE METAL COMPONENTS  
FIELD VERIFY DIMENSIONS FROM  
EXISTING MTL.



SEE DETAIL (F.302) FOR SPLICE JOINT  
SEE DETAIL (F.303) FOR LAP JOINT

AT SLOPE

AT RAKE



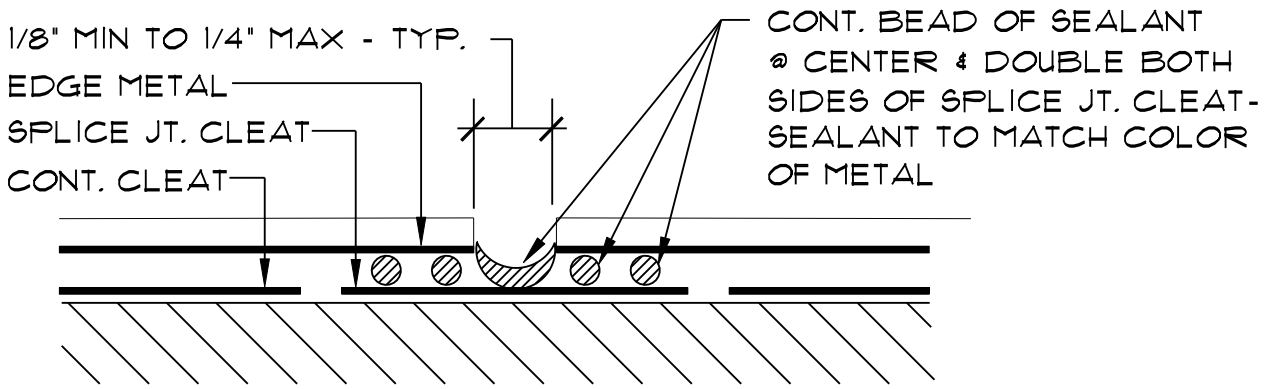
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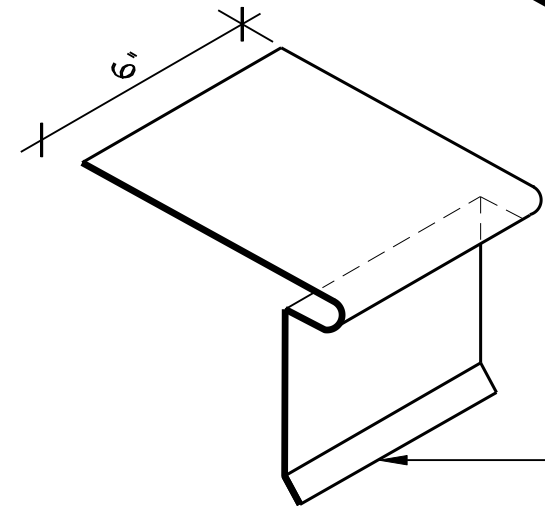
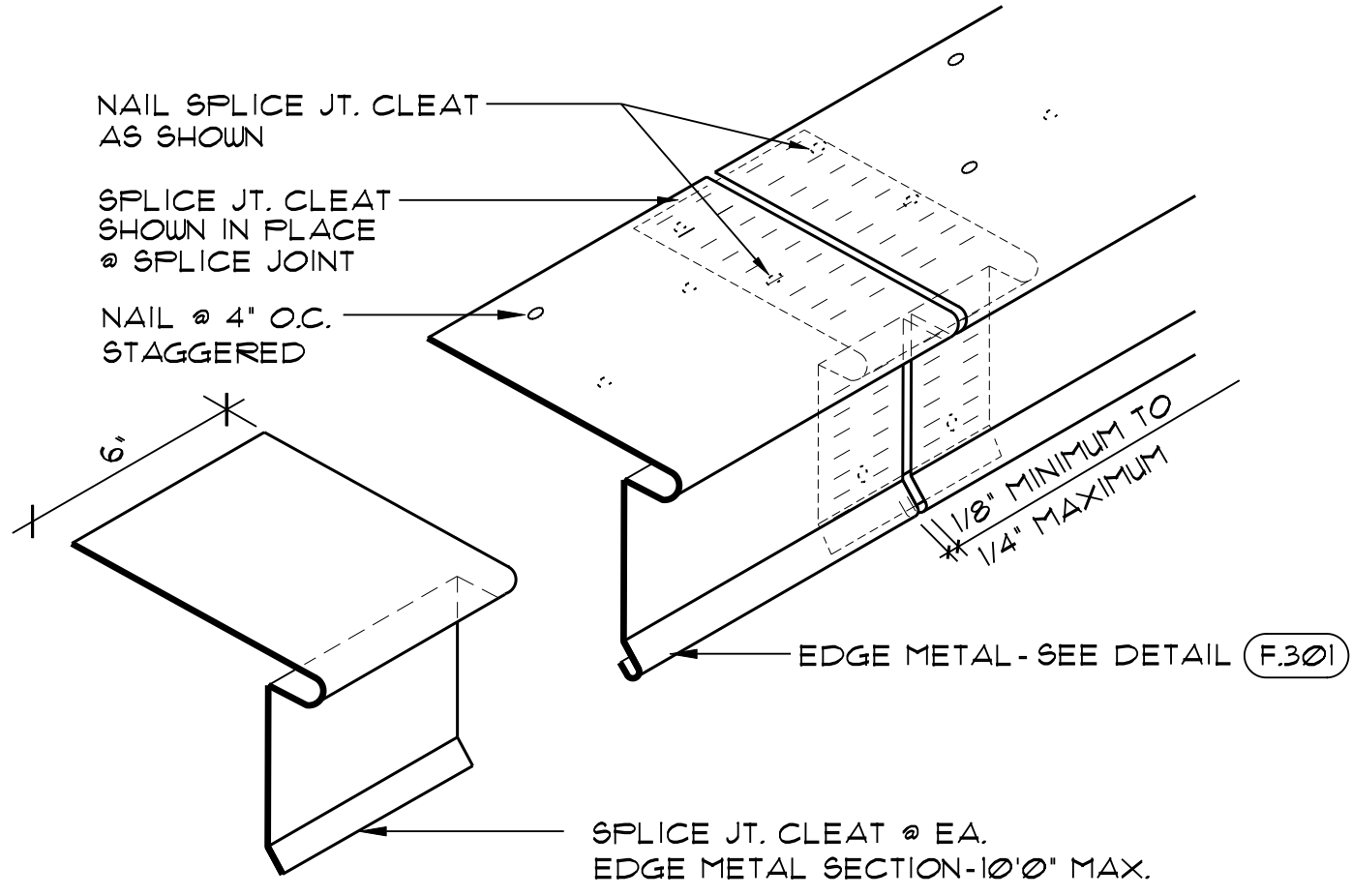
TITLE TYPICAL EDGE METAL  
AT SHINGLES

SCALE N.T.S.



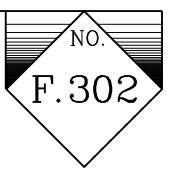


SECTION THRU SPLICE JOINT



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TITLE TYPICAL SPLICE JOINT CLEAT DETAIL  
SCALE 3"=1'





NAIL @ 4" O.C.  
STAGGERED

NAIL LOWER DRIP METAL  
AS SHOWN

ROOF  
SLOPE

DBL BEAD  
SEALANT

EDGE METAL  
- SEE DETAIL (F.301)

TRIM HEM OF LOWER DRIP  
METAL TO NEST WITHIN  
UPPER DRIP METAL

EDGE METAL

THREE BEADS  
OF SEALANT

4"

EDGE METAL

WATER FLOW

SECTION THRU  
LAP JOINT

(HORIZ. LAP AT "SIM.")



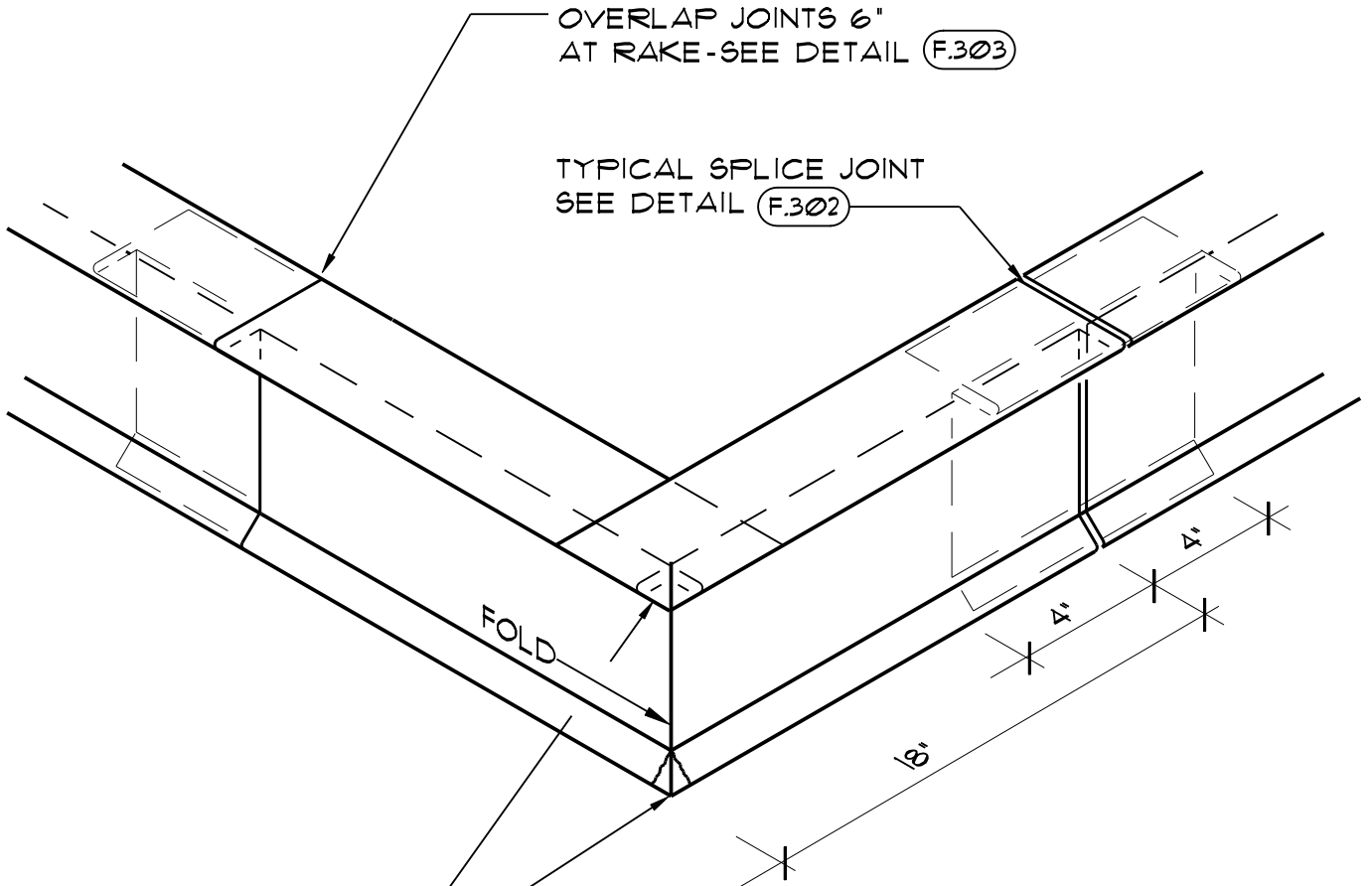
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TITLE TYPICAL EDGE METAL JOINT  
AT SLOPE

SCALE N.T.S.





CORNER PIECE

SEE EDGE METAL DETAIL (F3.01)



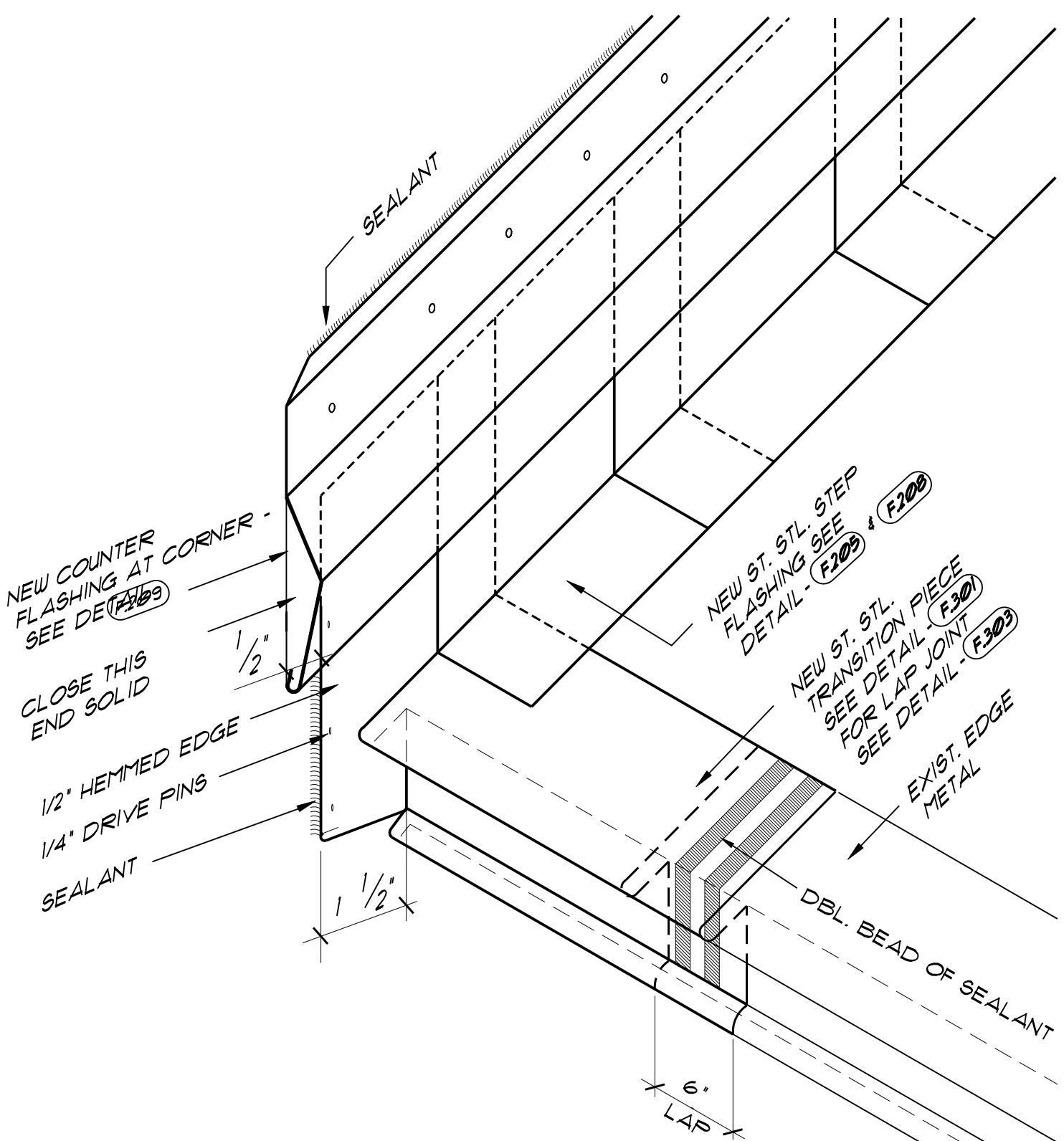
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TITLE TYPICAL OUTSIDE CORNER  
EAVE DRIP

SCALE N.T.S.





**NOTES:**

1. SOLDER ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED.
3. ROOFING NOT SHOWN FOR CLARITY



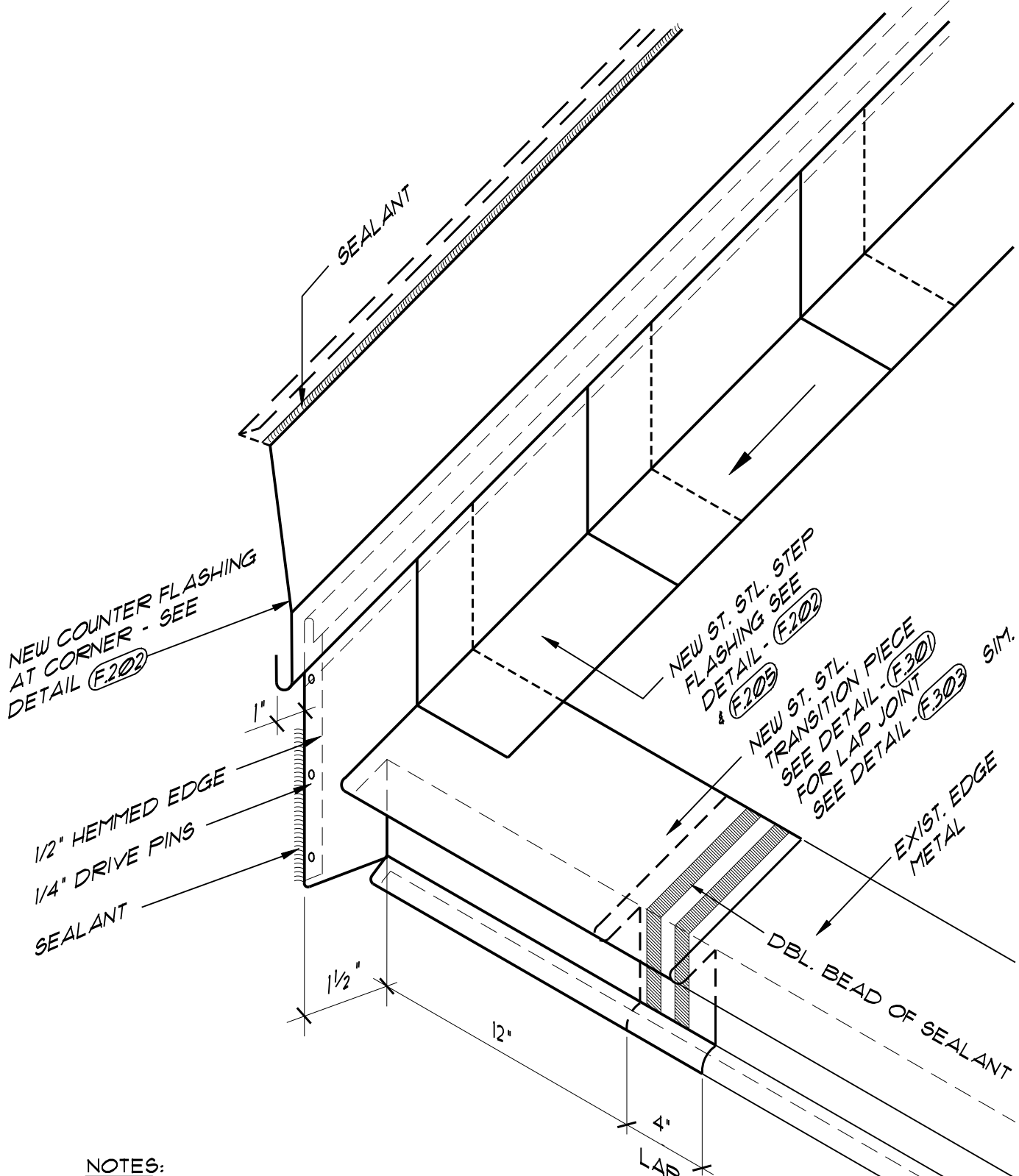
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TITLE EDGE / WALL TRANSITION

SCALE N.T.S.





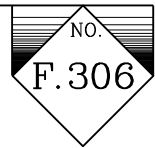
**NOTES:**

- 1. SOLDER ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
- 2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED.
- 3. ROOFING NOT SHOWN FOR CLARITY

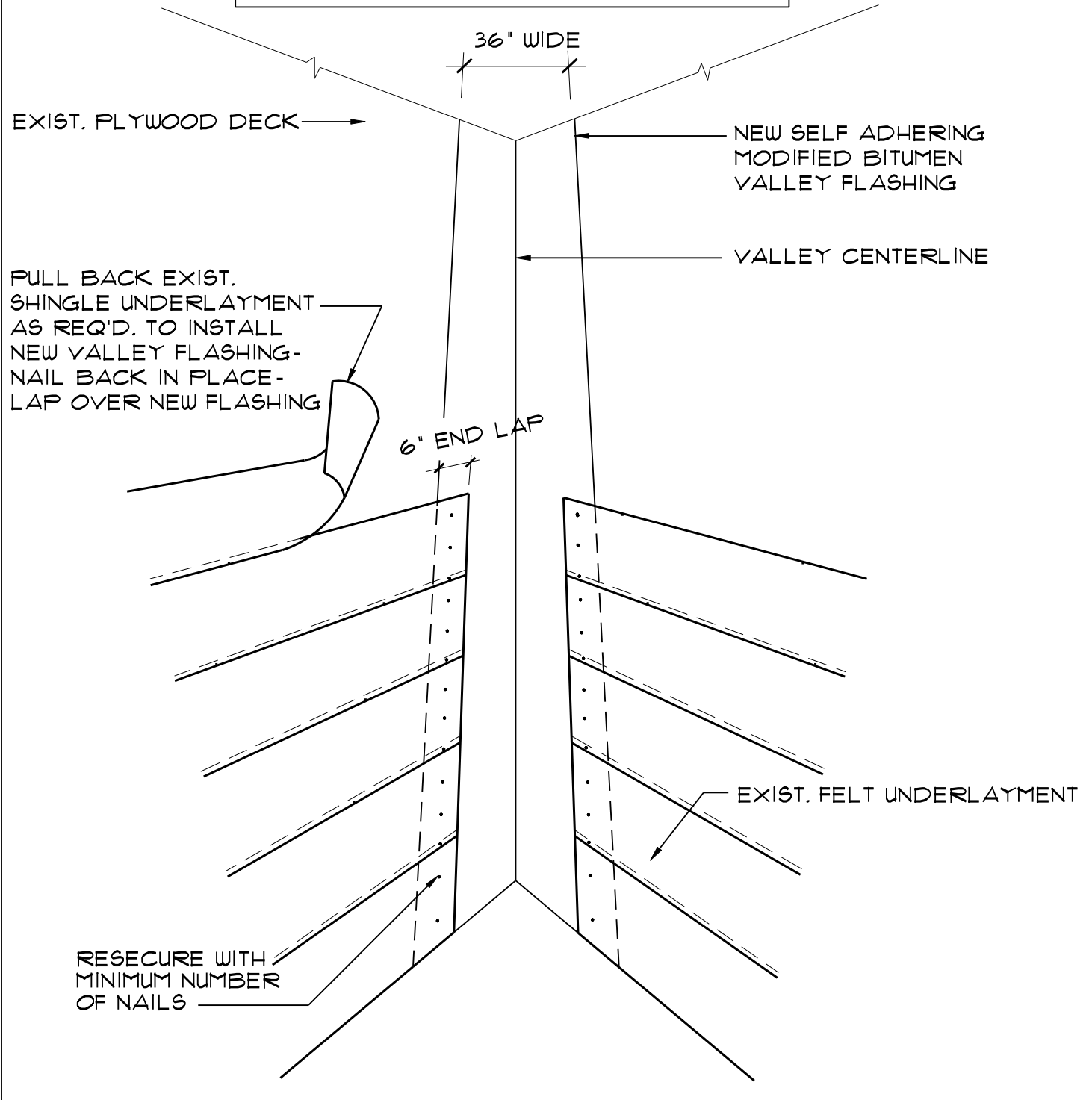


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TITLE TYPICAL EDGE / WALL TRANSITION  
SCALE N.T.S.



**NOTE:**  
 REMOVE EXIST. SHINGLES AS REQ'D. TO  
 INSTALL NEW VALLEY FLASHING- REINSTALL  
 EXIST. OR INSTALL NEW SHINGLES TO  
 MATCH EXIST. TYPE COLOR



PERSPECTIVE VIEW

SEE DETAIL (F.308) FOR VALLEY FLASHING



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TITLE TYPICAL VALLEY UNDERLAYMENT  
SCALE N.T.S.



NAIL EACH SHEET @ TOP & SIDES @ 8" O.C.

EXIST. SHINGLE UNDERLAYMENT PLASTIC ROOF CEMENT

REQUIRED.

NEW SELF ADHERING MOD. BIT. STRIP-IN FLASHING OVER VALLEY FLANGE - BOTH SIDES.

12" 12"

SECURE EDGE WITH NAILS

CLIP TOP CORNER OF SHINGLE (TYP.)

SET IN FULL BED OF ROOF CEMENT

**NOTE:**  
REMOVE EXIST. SHINGLES AS REQ'D. TO INSTALL NEW VALLEY FLASHING- REINSTALL EXIST. OR INSTALL NEW SHINGLES TO MATCH EXIST. TYPE COLOR

**NOTE:**  
VALLEY TO WIDEN @ 1/8" PER FOOT TO BOTTOM

SHINGLES

**NOTE-**  
SET EACH SHINGLE IN FULL BED OF MASTIC IN CONTACT WITH METAL VALLEY FLASHING

1/4" HEM-TYPICAL TOP & BOTTOM

**PERSPECTIVE VIEW**

SEE DETAIL (F.307) FOR VALLEY UNDERLAYMENT



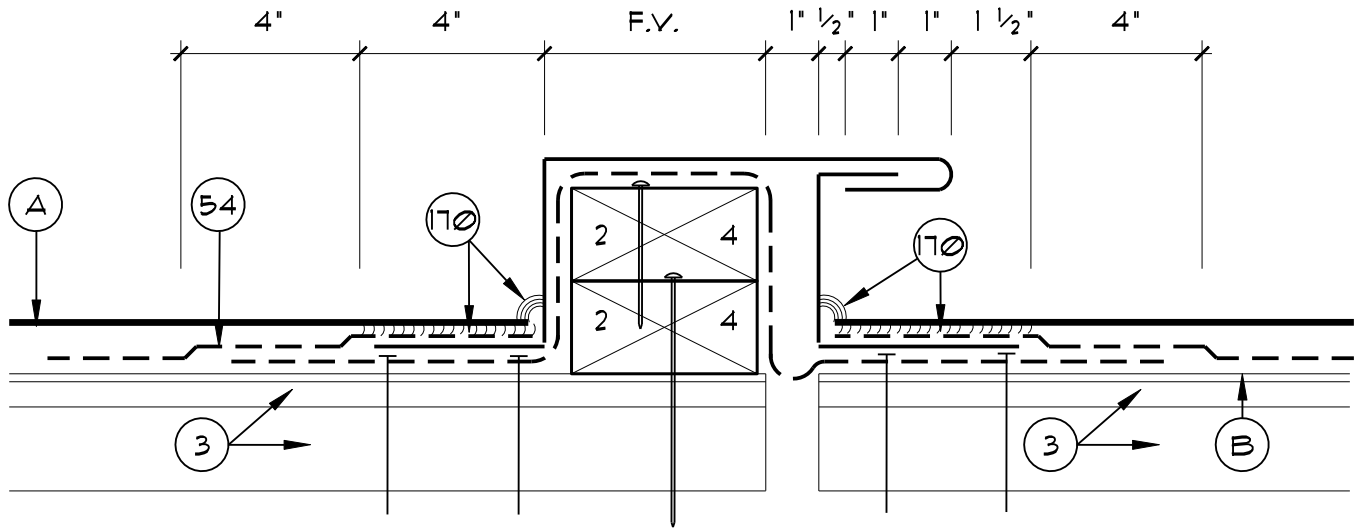
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TITLE TYPICAL VALLEY FLASHING

SCALE 3"=1'





- 3. EXISTING ROOF DECK
- 54. SELF ADHERING STRIP-IN FLASHING
- 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE
- A. REMOVE AND REINSTALL EXIST. SHINGLES AS REQ'D. (REPLACE WHERE DAMAGED)
- B. EXIST. UNDERLAYMENT



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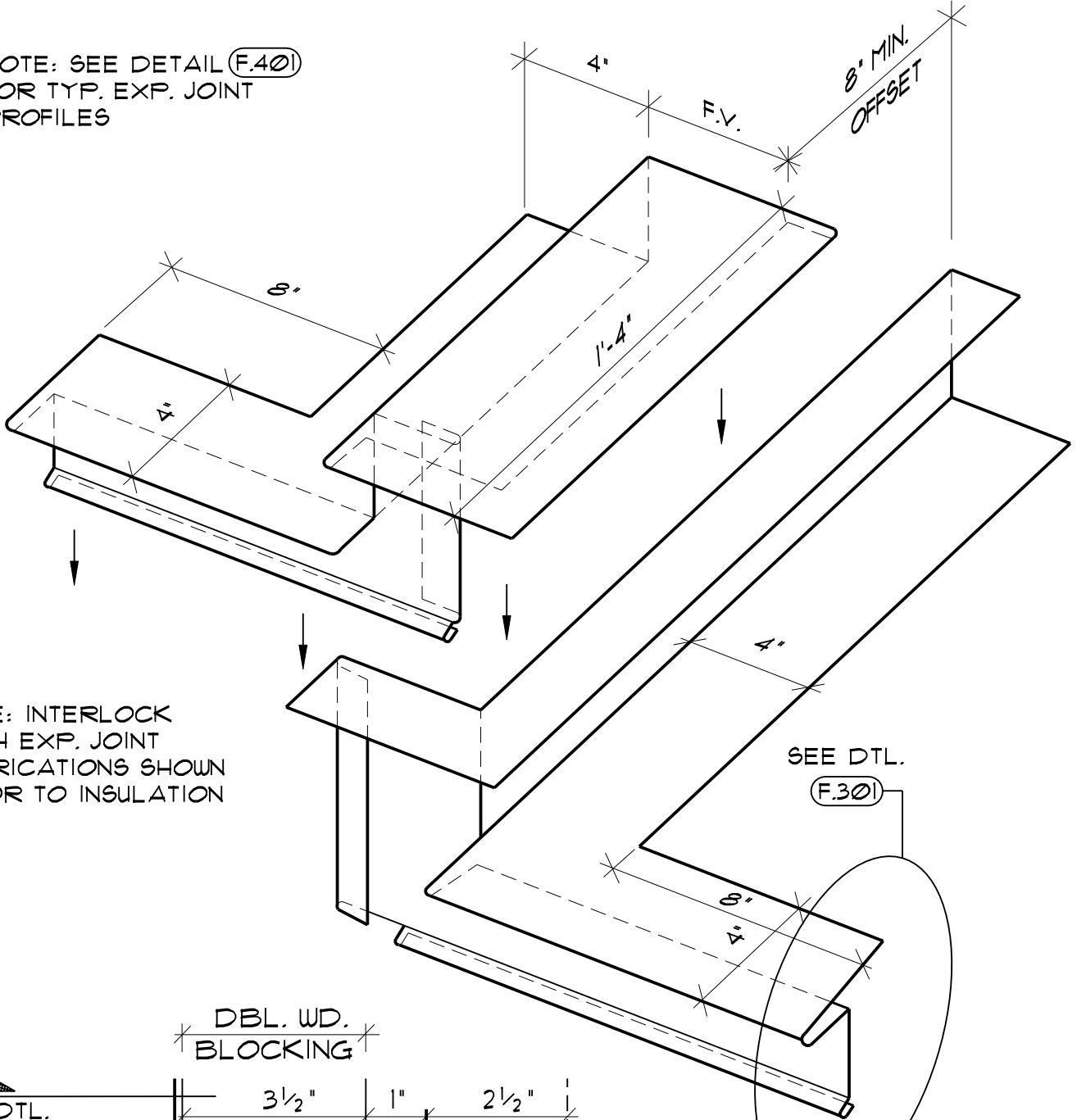
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TITLE TYPICAL EXPANSION JOINT FLASHING AT SHINGLE ROOF

SCALE N.T.S.



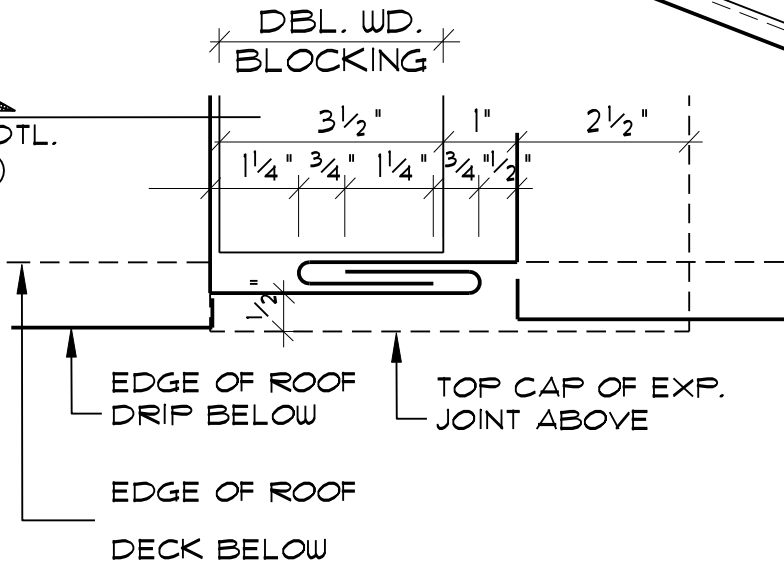
NOTE: SEE DETAIL (F.401) FOR TYP. EXP. JOINT PROFILES



NOTE: INTERLOCK BOTH EXP. JOINT FABRICATIONS SHOWN PRIOR TO INSULATION

SEE DTL. (F.301)

SEE DTL. (F.401)



NOTES:

- 1. SOLDER/WELD ALL LAPS AND CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
- 2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED



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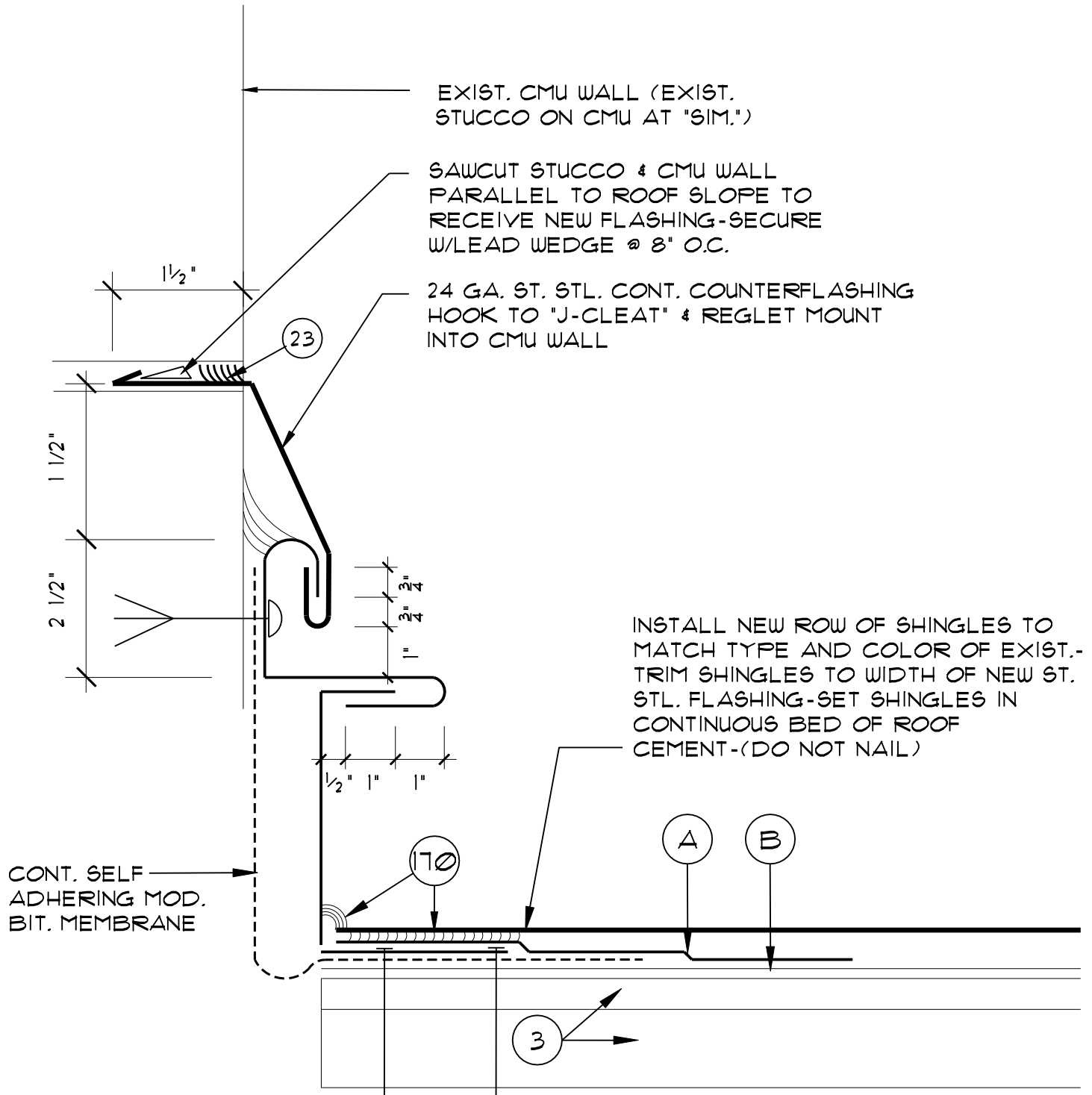
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TITLE TYPICAL EXPANSION JOINT TERMINATION AT ROOF EDGE

SCALE N.T.S.

NO. F.402





- |      |  |    |                                      |
|------|--|----|--------------------------------------|
| 3.   | EXISTING ROOF DECK-  | A. | NEW SELF ADHERING MOD. BIT. FLASHING |
| 23.  | SEALANT  | B. | EXIST. UNDERLAYMENT                  |
| 170. | APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE |    |                                      |



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TITLE EXPANSION JOINT AGAINST ADJACENT WALL-AT-RAKE  
SCALE N.T.S.

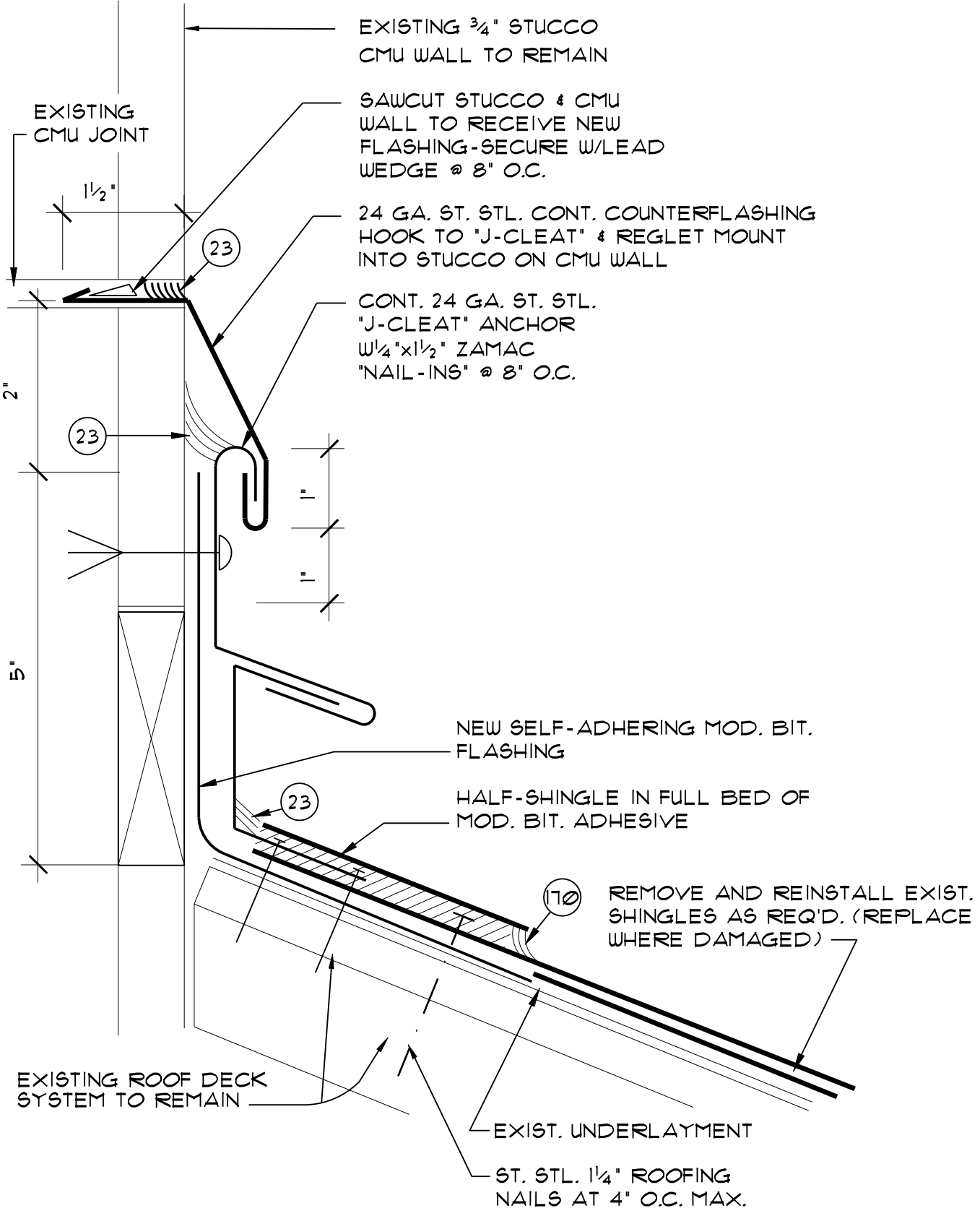


ACAD FILE # 15036F404

DATE: ..

PLOT SCALE : 3" = 1'

PROJECT NUMBER: 15036000



23. SEALANT

170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.



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TITLE EXPANSION JOINT AGAINST ADJACENT WALL - AT-RIDGE

SCALE N.T.S.

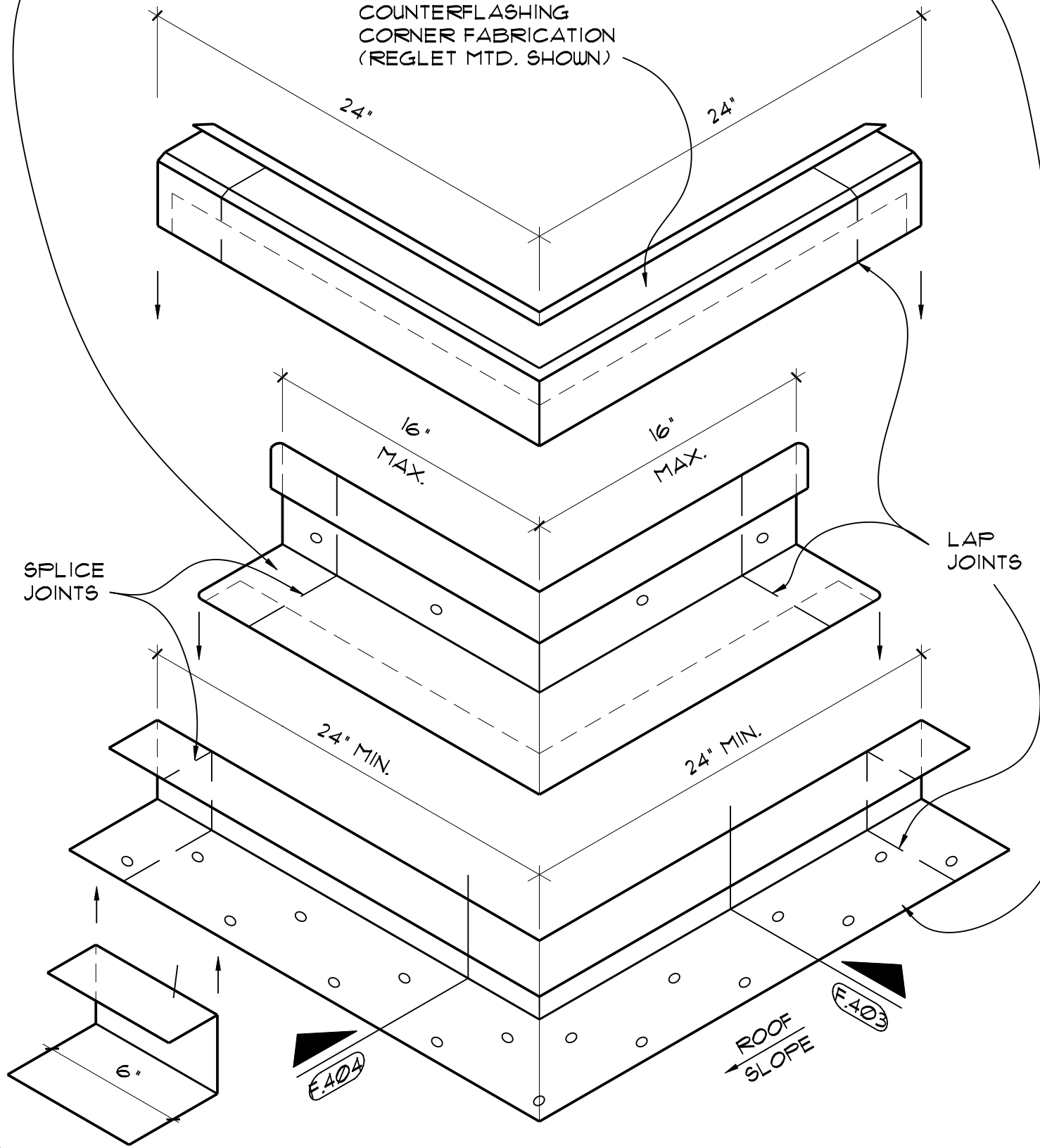


PROJECT NUMBER: 15036000 PLOT SCALE: 3" = 1'-0" DATE: ... ACAD FILE # 15036F405

ONE-PIECE SOLDERED EXPANSION JT. CAP CORNER FABRICATION - ANCHOR TO WALL PER DETAIL

ONE-PIECE SOLDERED EXPANSION JOINT CURB CORNER FABRICATION - ANCHOR TO ROOF DECK PER DETAIL

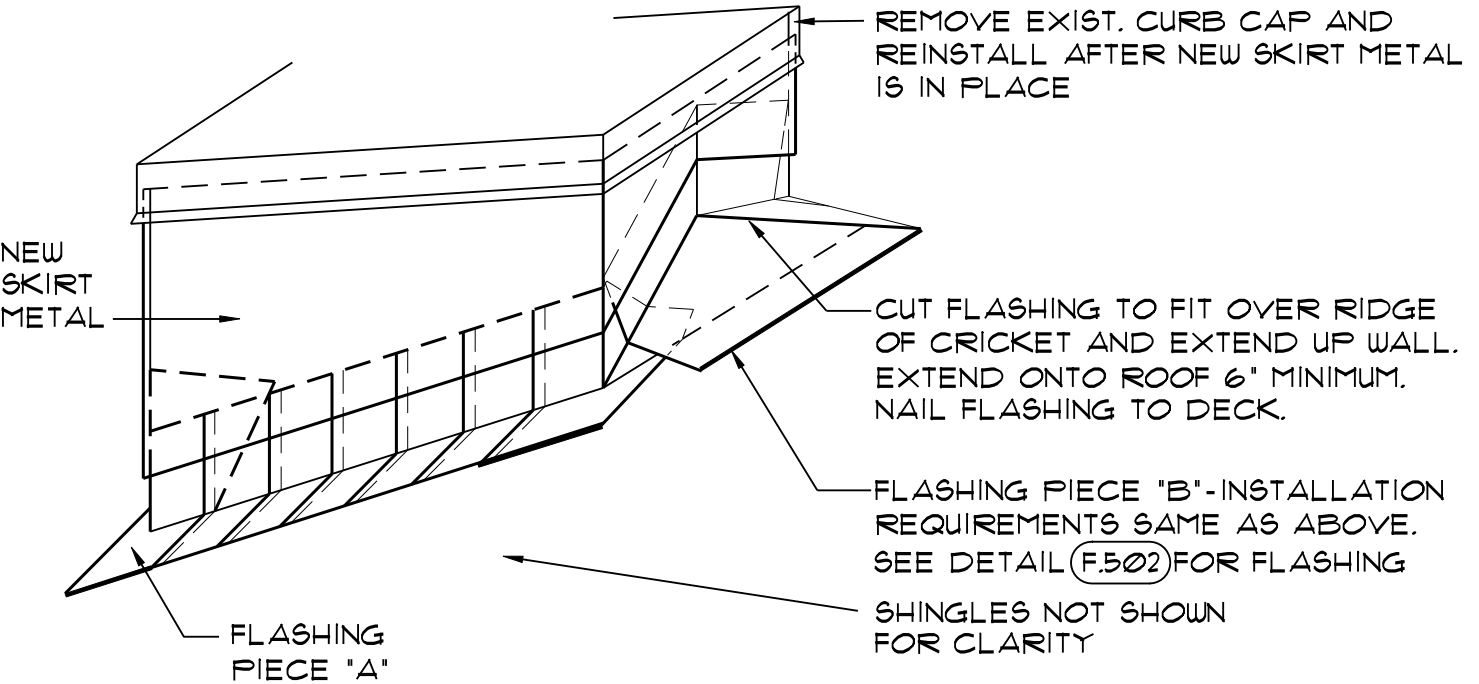
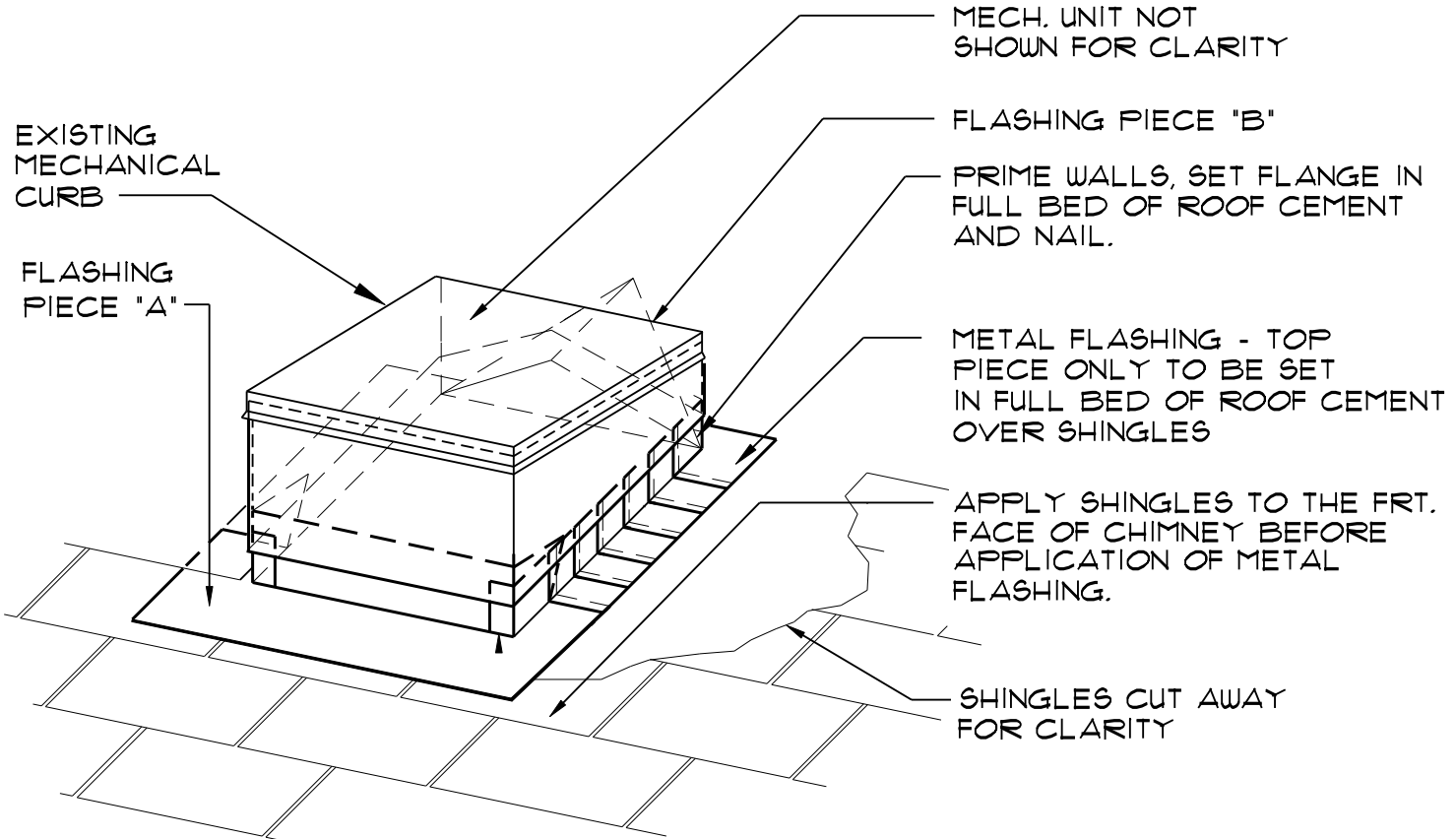
ONE-PIECE SOLDERED COUNTERFLASHING CORNER FABRICATION (REGLET MTD. SHOWN)



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TITLE EXPANSION JOINT AGAINST ADJACENT WALL - OUTSIDE CORNER  
SCALE N.T.S.

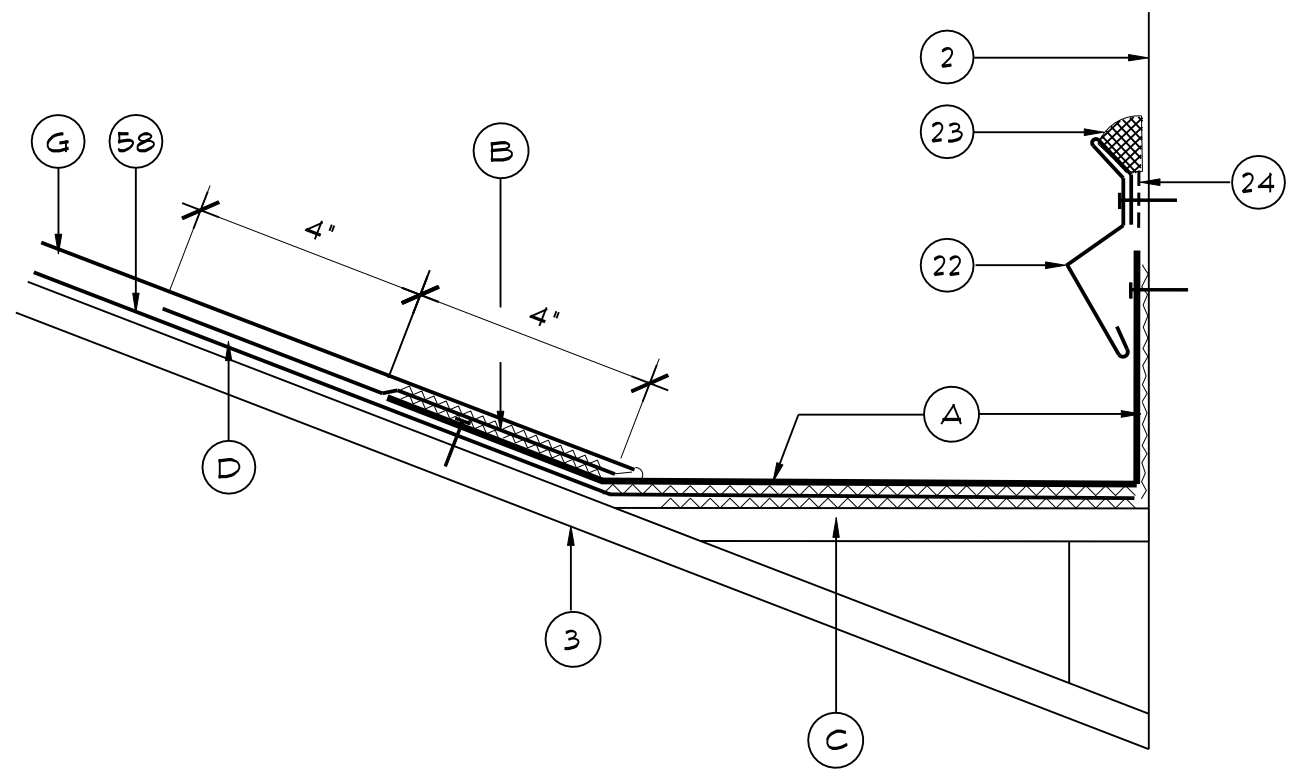




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TITLE MECHANICAL CURB FLASHING  
SCALE N.T.S.





- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>2. EXISTING WALL</li> <li>3. EXISTING DECK</li> <li>22. COUNTERFLASHING -SURFACE APPLIED - SEE DETAIL (F.209)</li> <li>23. SEALANT</li> <li>24. FLASHING TAPE</li> </ul> | <ul style="list-style-type: none"> <li>A. METAL CLAD CRICKET FLASHING SET IN FULL AND CONTINUOUS BED OF ROOF CEMENT.</li> <li>B. SET SHINGLES IN FULL AND CONTINUOUS BED OF ROOF CEMENT.</li> <li>C. EXIST. CRICKET</li> <li>D. SELF ADHERING MOD. BIT. UNDERLAY</li> <li>E. EXIST. UNDERLAYMENT</li> <li>G. INSTALL NEW ROW OF SHINGLES TO MATCH TYPE AND COLOR OF EXIST.- TRIM SHINGLES TO WIDTH OF NEW ST. STL. FLASHING-SET SHINGLES IN CONTINUOUS BED OF ROOF CEMENT-(DO NOT NAIL)</li> </ul> |
|---|--|



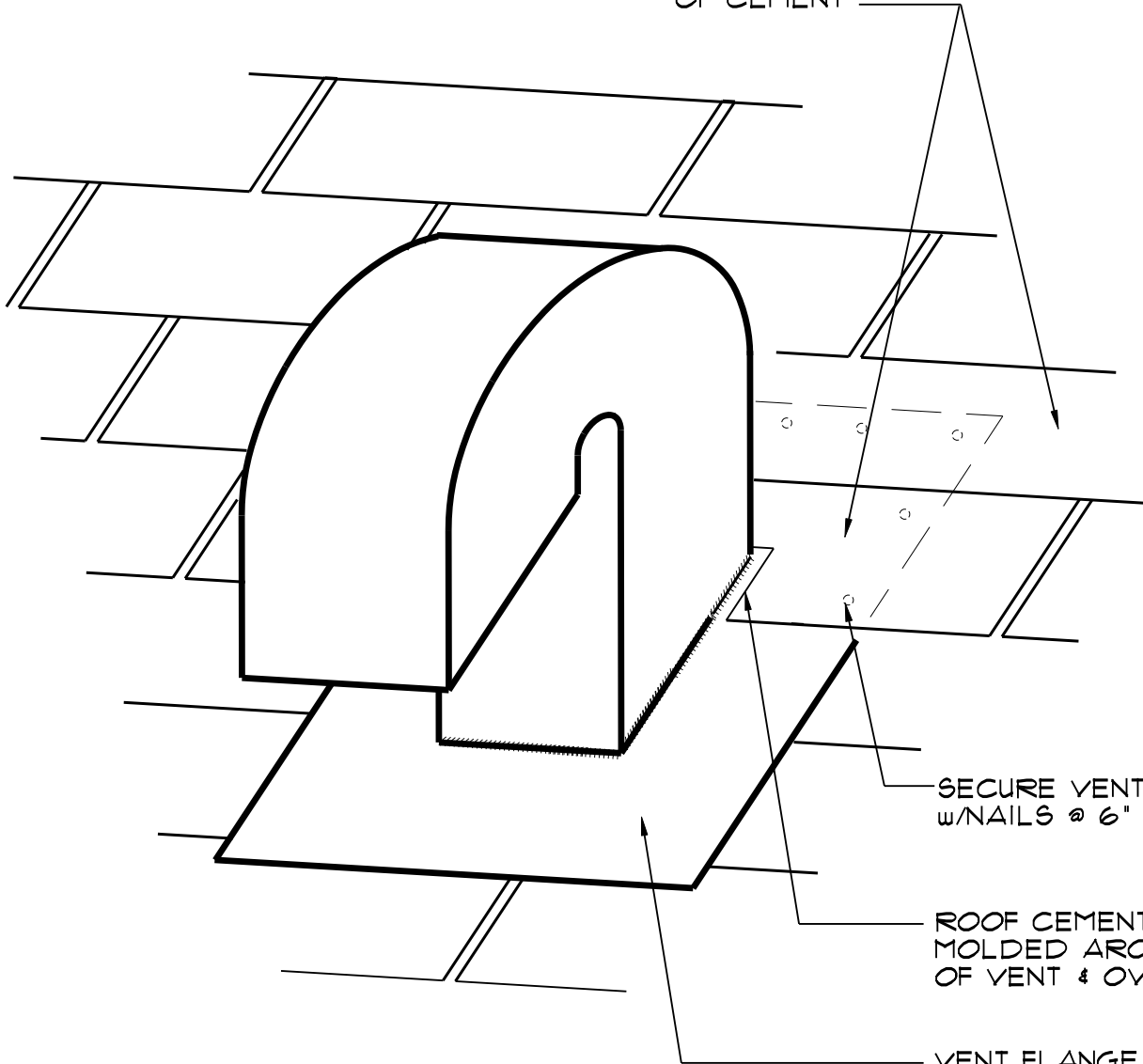
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TITLE CRICKET FLASHING

SCALE 3" = 1'-0"



SET NEW SHINGLES  
AROUND VENT  
IN FULL BED  
OF CEMENT



SECURE VENT  
w/NAILS @ 6" O.C.

ROOF CEMENT  
MOLDED AROUND BASE  
OF VENT & OVER FLANGE.

VENT FLANGE SET IN  
FULL BED OF ROOF CEMENT  
ALL AROUND - TYPICAL

NOTE: FLASHING AND SHINGLE DETAIL  
SIMILAR FOR VENT PIPES



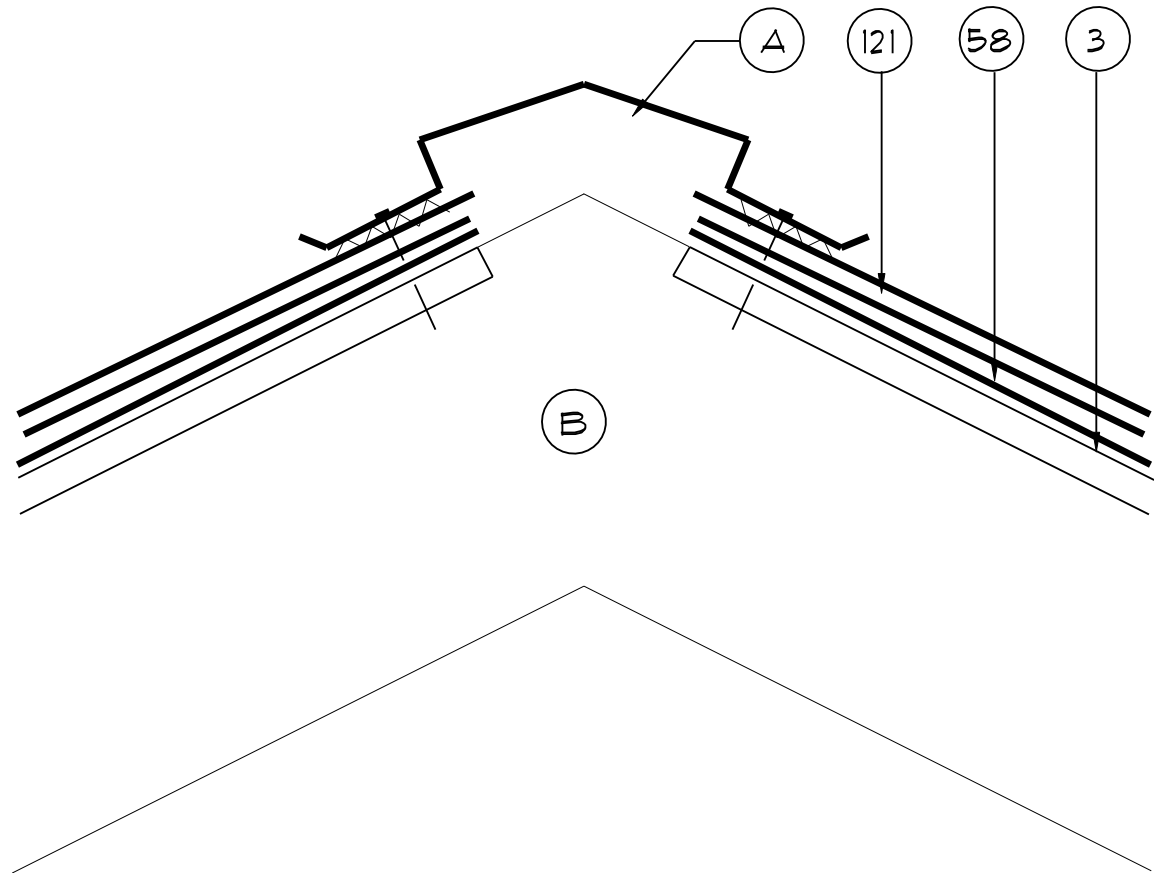
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TITLE NEW VENT FLASHING

SCALE N.T.S.





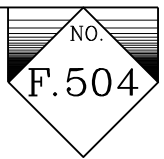
- 3. EXISTING PLYWOOD DECK
- 58. NEW SHINGLE UNDERLAYMENT
- 121. NEW FIBERGLASS SHINGLES
- A. NEW RIDGE VENT - LENGTH AS PER EXISTING RIDGE VENT. SET IN FULL & CONTINUOUS BED OF ROOFING CEMENT
- B. EXISTING STRUCTURE



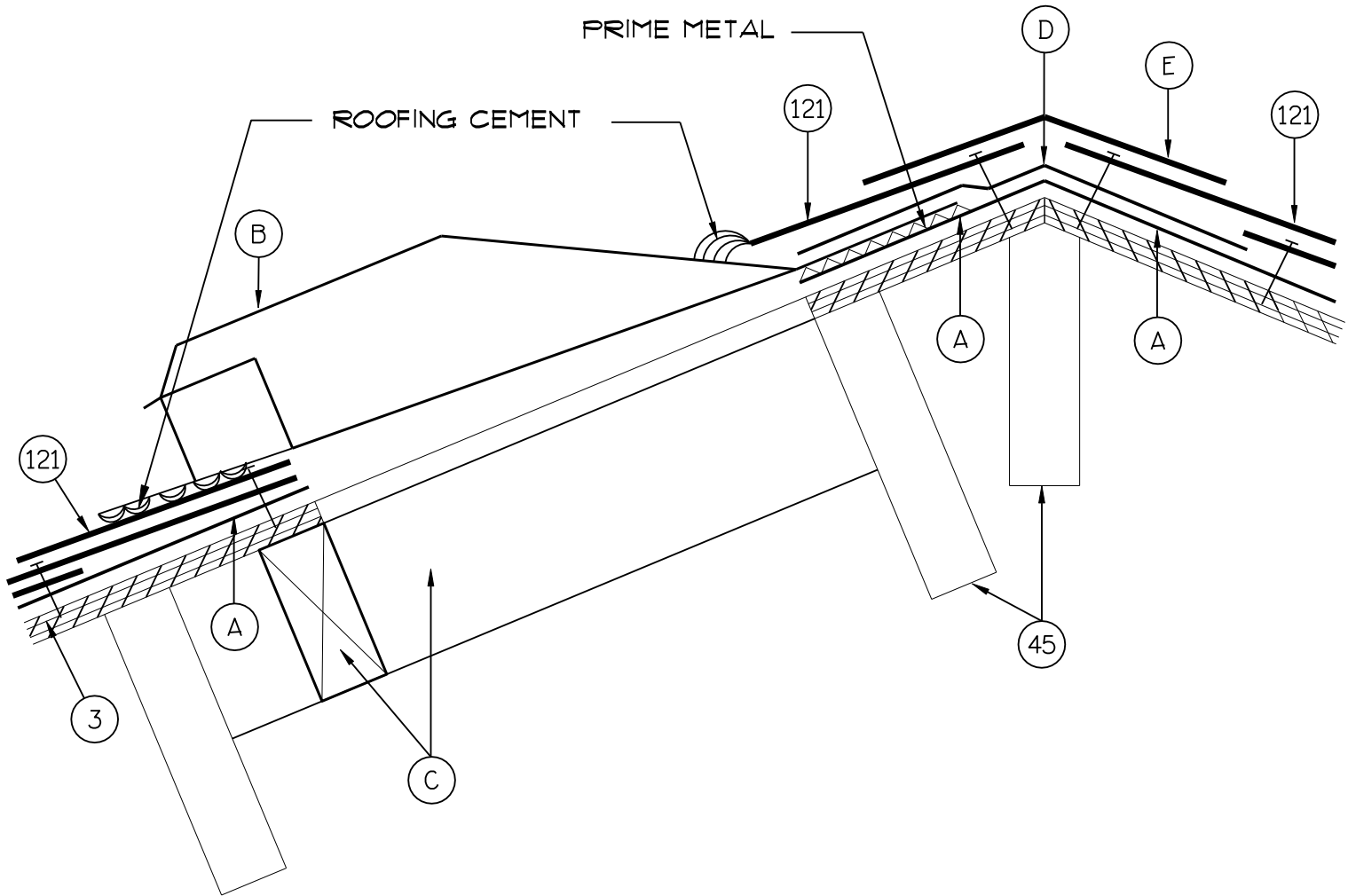
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TITLE RIDGE DETAIL

SCALE 3"=1'



ACAD FILE # 15036F505  
 DATE: .  
 PLOT SCALE : 3" = 1'-0"  
 PROJECT NUMBER: 15036.00



- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>3. EXISTING PLYWOOD DECK</li> <li>45. EXISTING STRUCTURE</li> <li>121. FIBERGLASS SHINGLES</li> <li>A. NEW SELF ADHESIVE MODIFIED BITUMEN PRELIMINARY ROOF</li> <li>B. PREFABRICATED OFF RIDGE VENT UNIT PER DETAIL (F.506)</li> <li>C. ADDITIONAL WOOD FRAMING AS REQ'D. - VERIFY IN FIELD</li> </ul> | <ul style="list-style-type: none"> <li>D. PROVIDE ADDITIONAL 12" WIDE STRIP OF MODIFIED BITUMEN FLASHING TAPE AT RIDGE OR LAP PRELIMINARY ROOF FROM OTHER SIDE OF ROOF</li> <li>E. RIDGE SHINGLE TO BE MFR'S. STD. ACCESSORY SHINGLE - INSTALL PER MFR'S. RECOMMENDATIONS</li> </ul> |
|---|--|



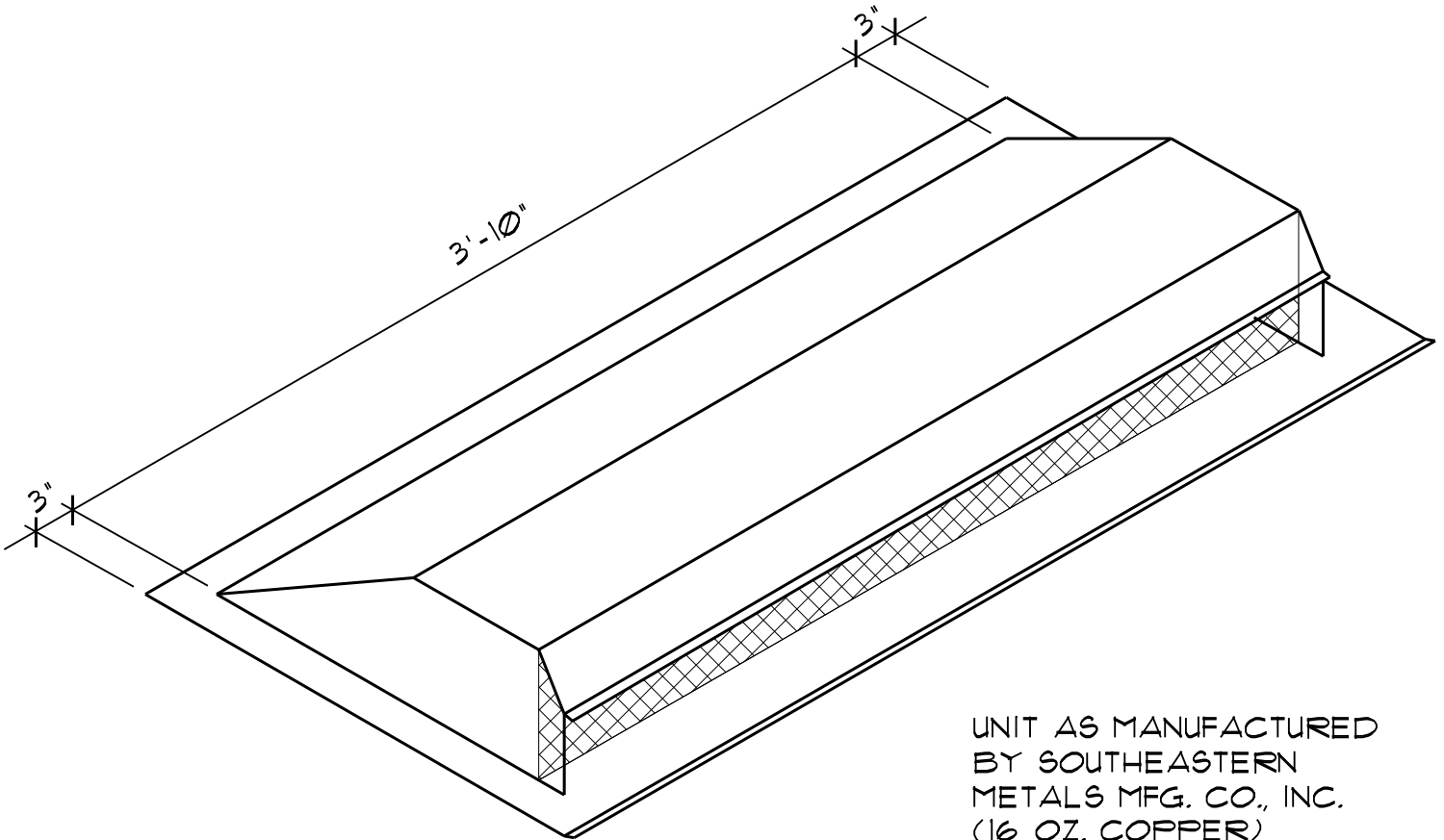
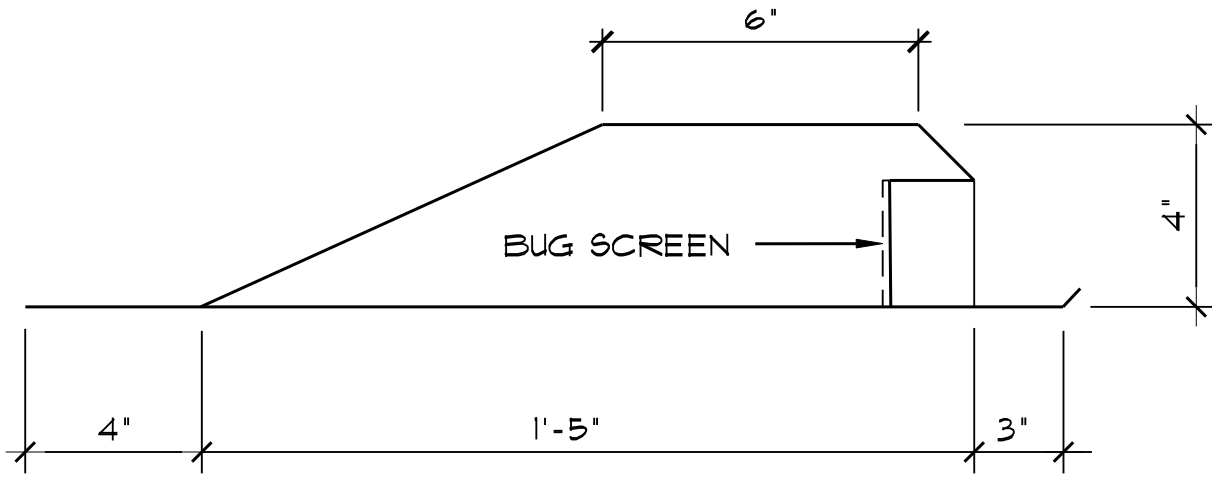
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TITLE ATTIC OFF-RIDGE VENT FLASHING

SCALE 3" = 1'-0"







UNIT AS MANUFACTURED  
 BY SOUTHEASTERN  
 METALS MFG. CO., INC.  
 (16 OZ. COPPER)  
 OR APPROVED EQUAL



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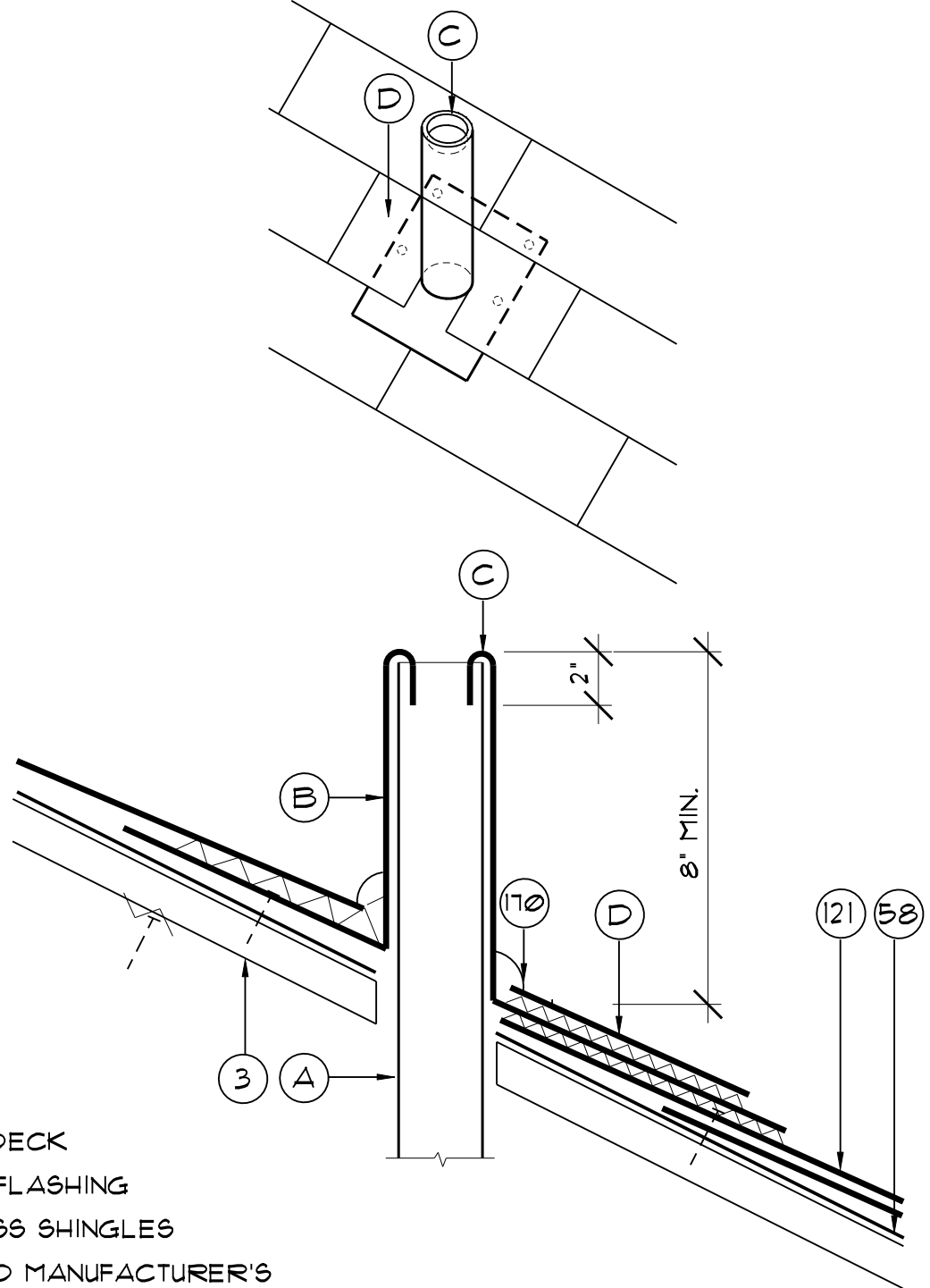
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TITLE PREFABRICATED OFF-RIDGE

VENT DETAIL

SCALE N.T.S.





- 3. EXISTING DECK
- 58. PLY FELT FLASHING
- 121. FIBERGLASS SHINGLES
- 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.
- A. EXISTING PIPE (F.V. DIAMETER AND HEIGHT)
- B. ONE PIECE LEAD FLASHING & SLEEVE - NAIL AT TOP AND ON SIDES - SET FLANGE IN FULL BED OF ROOF CEMENT

- C. FOLD TOP OF FLANGE OVER TOP OF VENT PIPE
- D. SET SHINGLES AROUND PIPE - SET IN FULL BED OF ROOF CEMENT



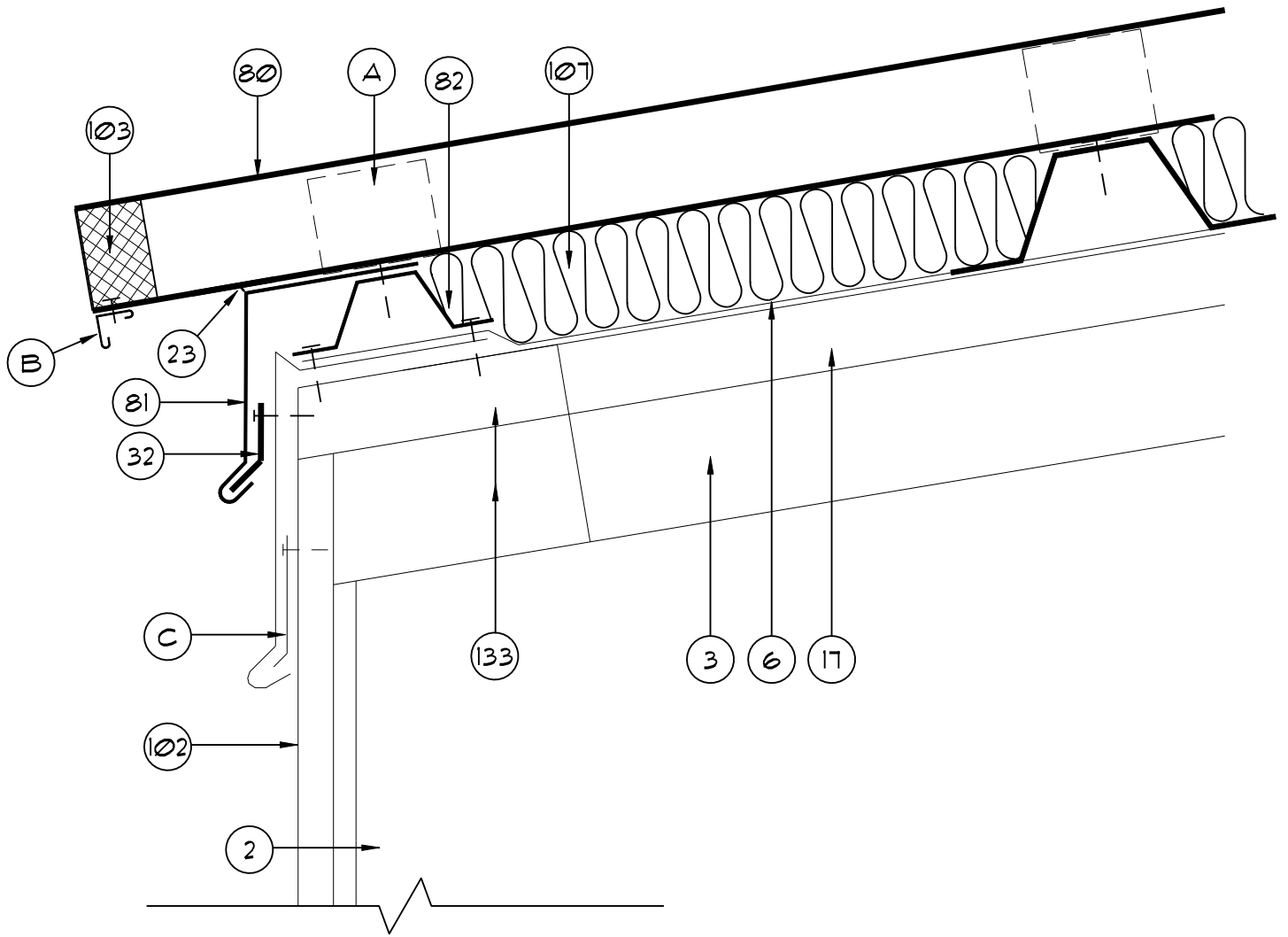
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TITLE PIPE FLASHING

SCALE 3"-1'





- |                                  |  |
|----------------------------------|--|
| 2. EXISTING WALL                 | 102. METAL WALL PANEL  |
| 3. EXISTING DECK                 | 103. FLEXIBLE CLOSURE STRIP  |
| 6. EXISTING MEMBRANE TO REMAIN   | 107. BATT INSULATION   |
| 17. NON-TAPERED RIGID INSULATION | 133. EXISTING WOOD BLOCKING TO REMAIN. REPLACE WHERE DAMAGED OR DETERIORATED |
| 23. SEALANT                      | A. PANEL CLIP  |
| 32. CONTINUOUS CLEAT             | B. DRIP PIECE ONE RIVET @ 4" O.C.  |
| 80. METAL ROOF PANEL             | C. EXIST. FLASHING   |
| 81. EAVE CLOSURE PIECE           |  |
| 82. SPANNING MEMBERS             |  |



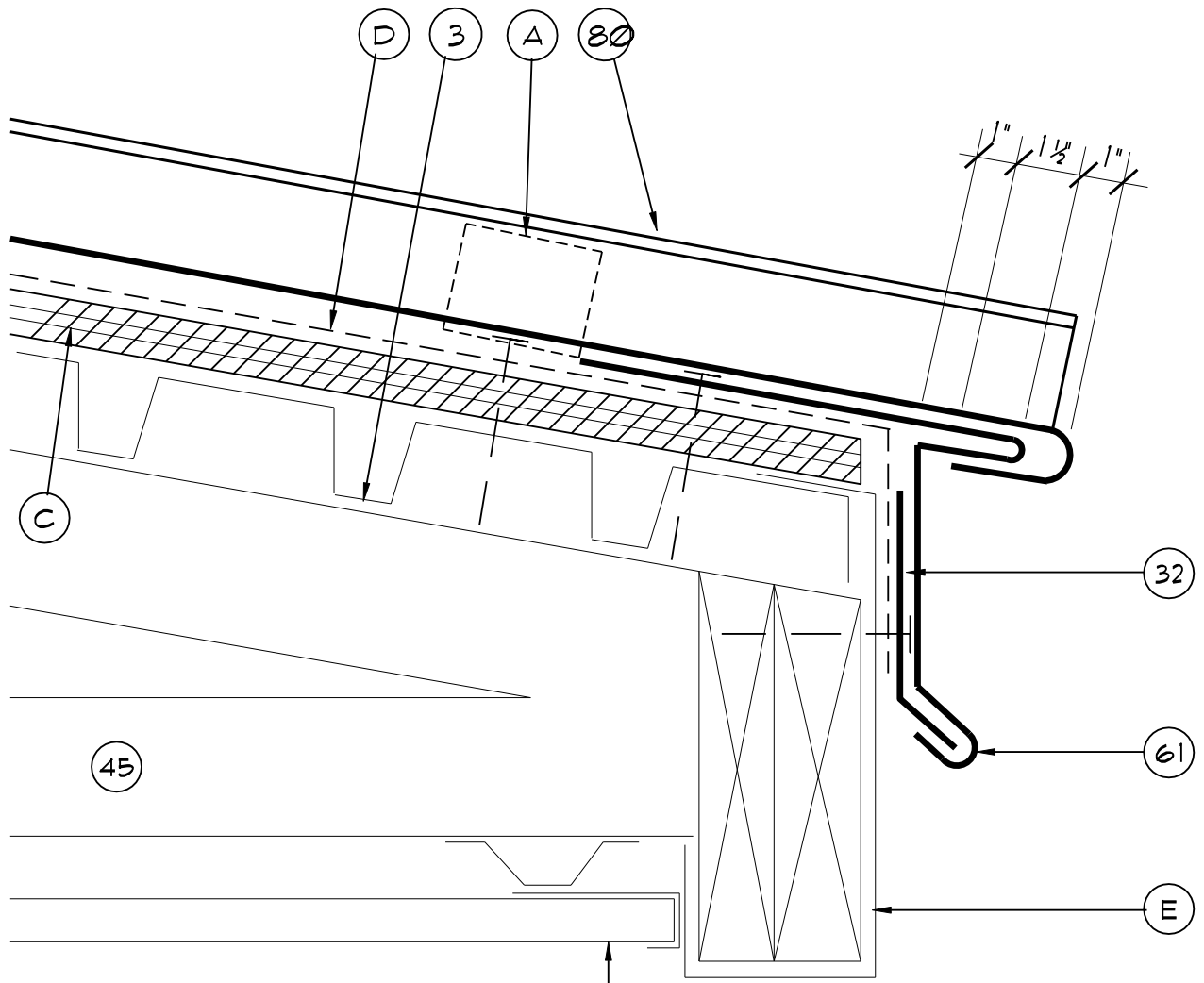
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TITLE ROOF EDGE DETAIL

SCALE 3" = 1'-0"





- 3. EXISTING DECK
- 32. CONTINUOUS CLEAT
- 45. EXISTING STRUCTURE
- 61. METAL EDGE-SEE DETAIL (H.301)
- 80. METAL ROOF PANEL
- A. MFR'S. STD. ANCHOR CLIP - SCREW TO METAL DECK BELOW PER MFR'S RECOMMENDATIONS
- B. EXIST. MET. SOFFIT ON FURRING TO REMAIN
- C. NEW 5/8" P.T. PLYWOOD SHEATHING SCREWED TO METAL DECK
- D. NEW SELF-ADHESIVE MODIFIED BITUMEN PRELIMINARY ROOF MEMBRANE
- E. EXIST. METAL FASCIA COVER TO REMAIN

NOTE: ALL EXPOSED METAL SHOWN TO BE PRE-FINISHED TO MATCH NEW ROOF PANELS. SEAL ALL JOINTS WITH ONE PART URETHANE SEALANT PER SPECIFICATIONS.

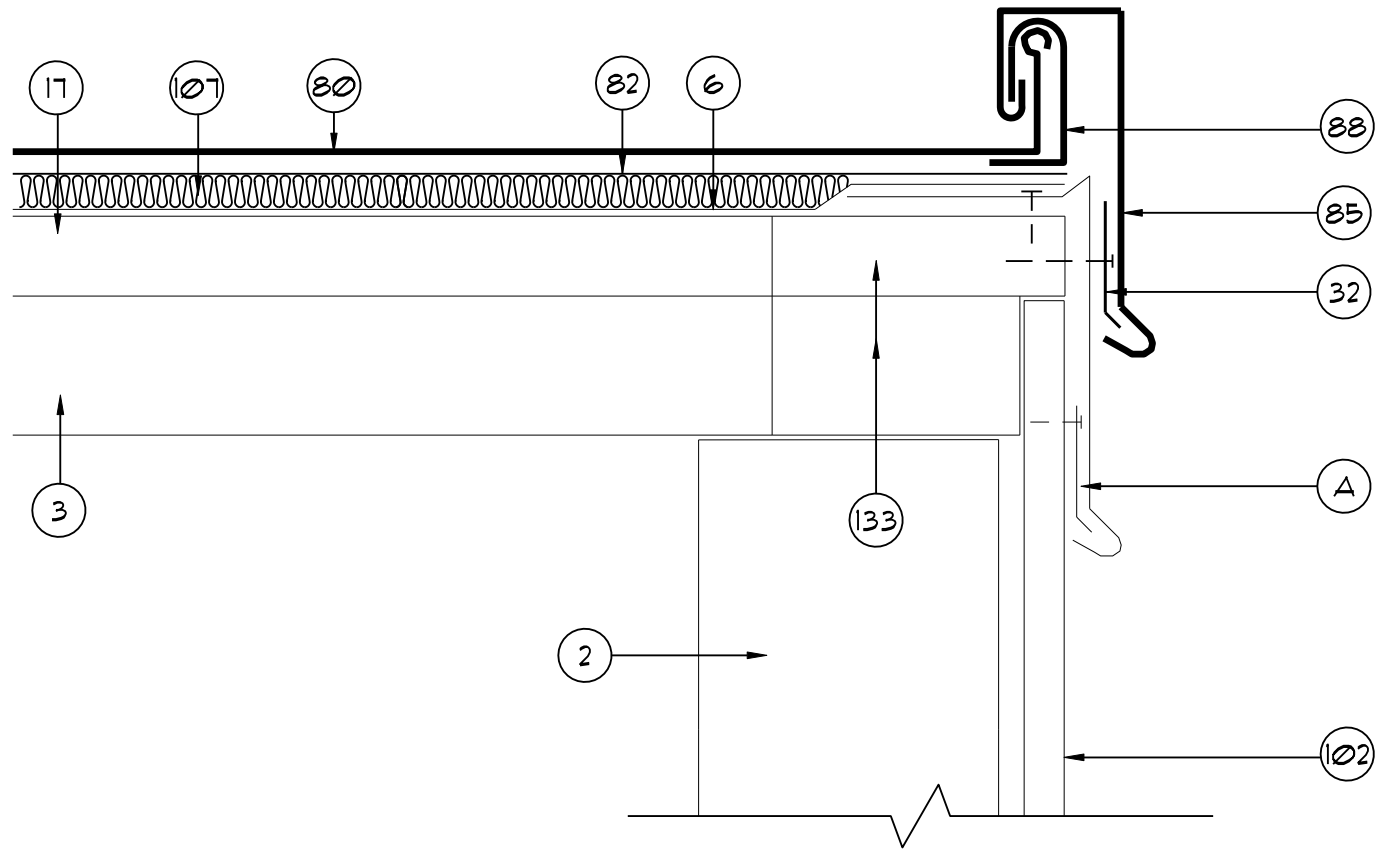


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TITLE **EDGE FLASHING DETAIL**

SCALE **3" = 1'-0"**





- |                                  |  |
|----------------------------------|--|
| 2. EXISTING WALL                 | 85. GABLE END CLOSURE PIECE  |
| 3. EXISTING DECK                 | 88. GABLE CLIP   |
| 6. EXISTING MEMBRANE TO REMAIN   | 102. METAL WALL PANEL  |
| 17. NON-TAPERED RIGID INSULATION | 107. BATT INSULATION   |
| 32. CONTINUOUS CLEAT             | 133. EXISTING WOOD BLOCKING TO REMAIN. REPLACE WHERE DAMAGED OR DETERIORATED |
| 80. METAL ROOF PANEL             | A. EXISTING FLASHING   |
| 82. SPANNING MEMBERS             |  |



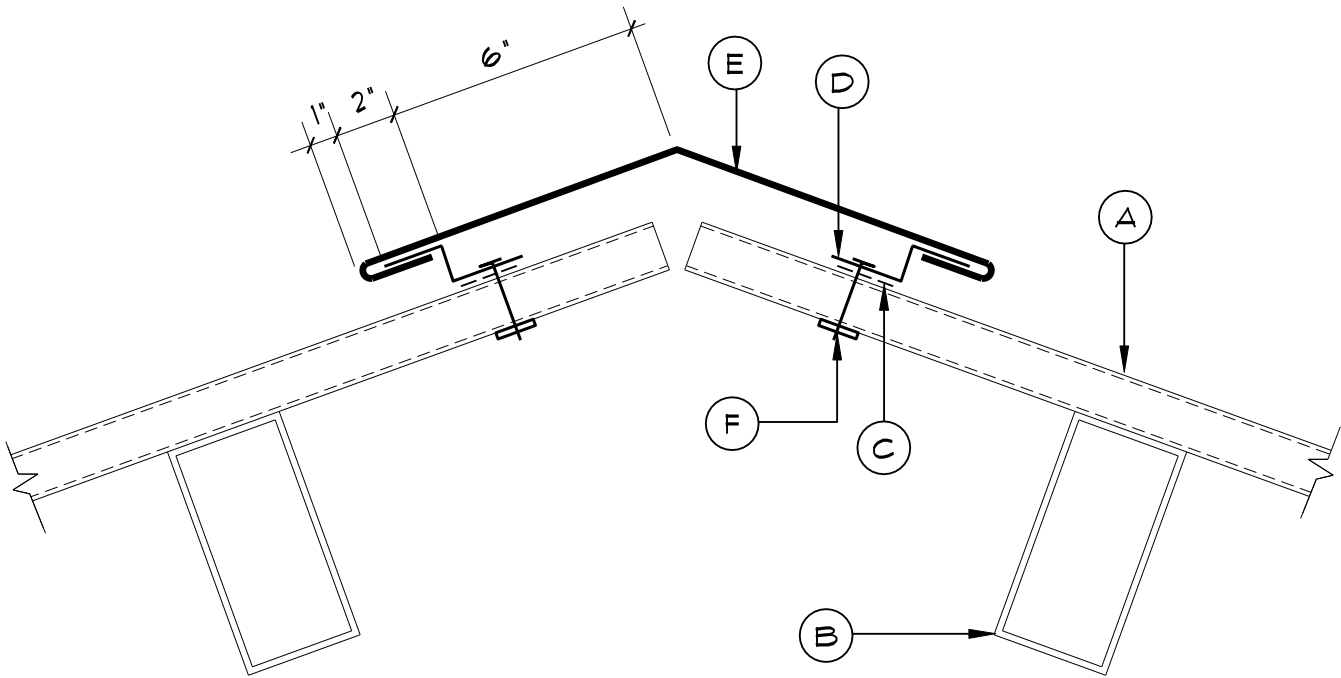
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TITLE METAL ROOF RAKE  
 EDGE DETAIL

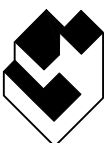
SCALE 3" = 1'-0"





- A. EXISTING METAL PANEL
- B. EXISTING SUB-PURLIN
- C. NEW FLASHING TAPE
- D. 22 GA. METAL "Z-CLOSURE"
- E. METAL RIDGE CAP-SLIDE ON OVER "Z-CLOSURE" AND SECURE WITH BUTTON PUNCH. PROVIDE SPLICE CLEAT @ JOINT - SEE DETAIL (G.304)
- D. NEW CONT. 22 GA. METAL PLATE

NOTE: ALL EXPOSED METAL SHOWN TO BE PRE-FINISHED TO MATCH EXIST. ROOF PANELS. SEAL ALL JOINTS WITH ONE PART URETHANE SEALANT PER SPECIFICATIONS.



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TITLE RIDGE CAP REPAIR DETAIL

SCALE N.T.S.



ACAD FILE # 15036G105

DATE:

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 15036.00

EXIST. CONT. RAIN/WATER DEFLECTOR - ANCHOR TO EVERY SEAM, SEE DET. (G.106)

TOP OF SEAM  
EXISTING METAL ROOF

6"

6"

POP RIVET & APPLY SEALANT

EXIST. METAL PANEL FASCIA - APPLY NEW COATING

ST. STL. SCREW W/ NEOPRENE WASHER

NEW OR EXIST. METAL FRAMING PIECE.

5"

6"

EXISTING SOFFIT

NEW ST. STL. CONT. GUTTER

NEW ST. STL. DRIP METAL

45. EXISTING STRUCTURE

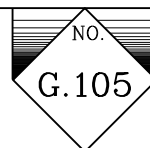


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TITLE SECTION DETAIL AT ROOF EDGE

SCALE 3" = 1'-0"



ACAD FILE # 15036G106

DATE:

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 15036.00

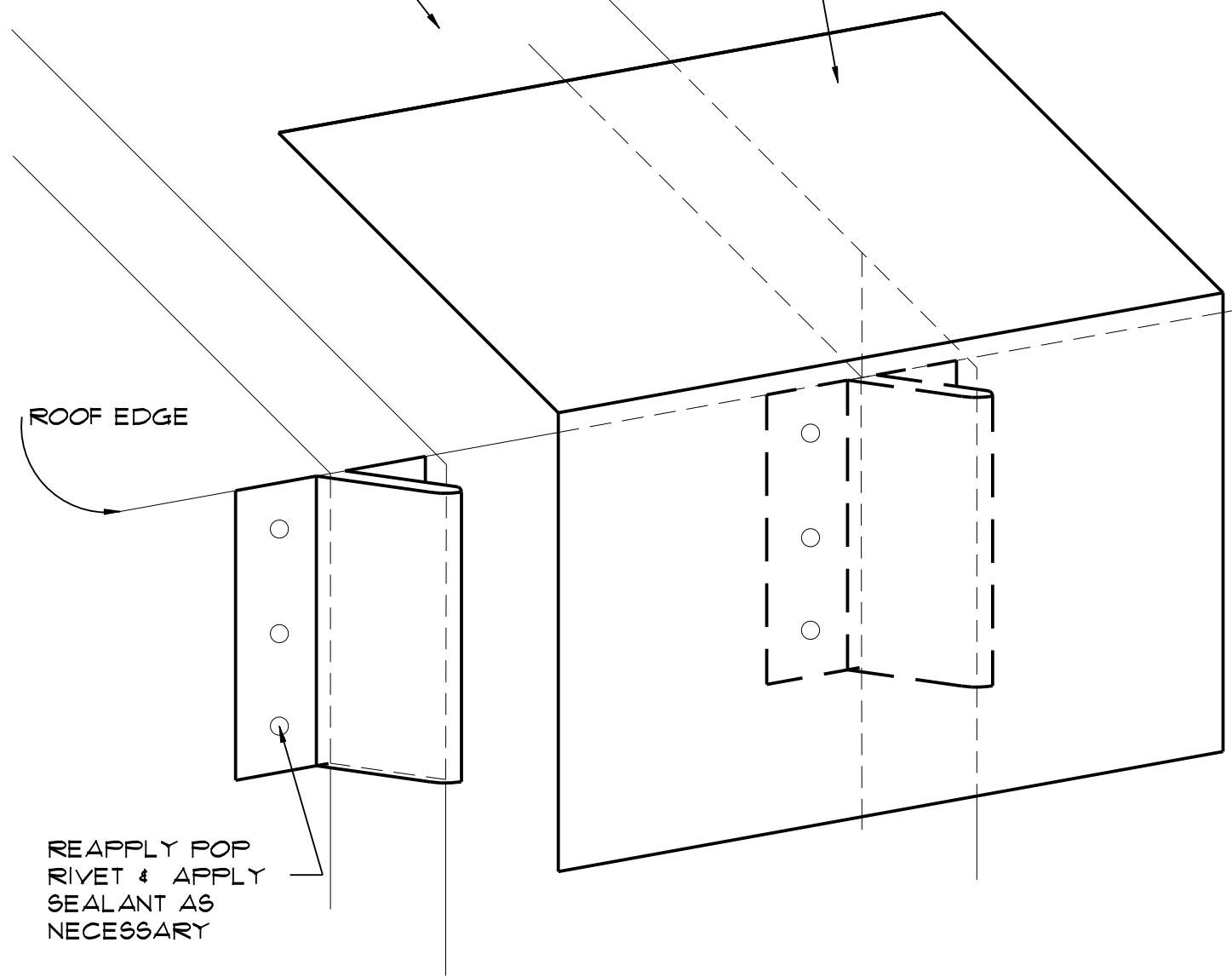
EXIST. RAIN/WATER  
DEFLECTOR - APPLY  
NEW COATING

TOP OF SEAM

EXISTING METAL ROOF

ROOF EDGE

REAPPLY POP  
RIVET & APPLY  
SEALANT AS  
NECESSARY



**A/R/C Associates Incorporated**

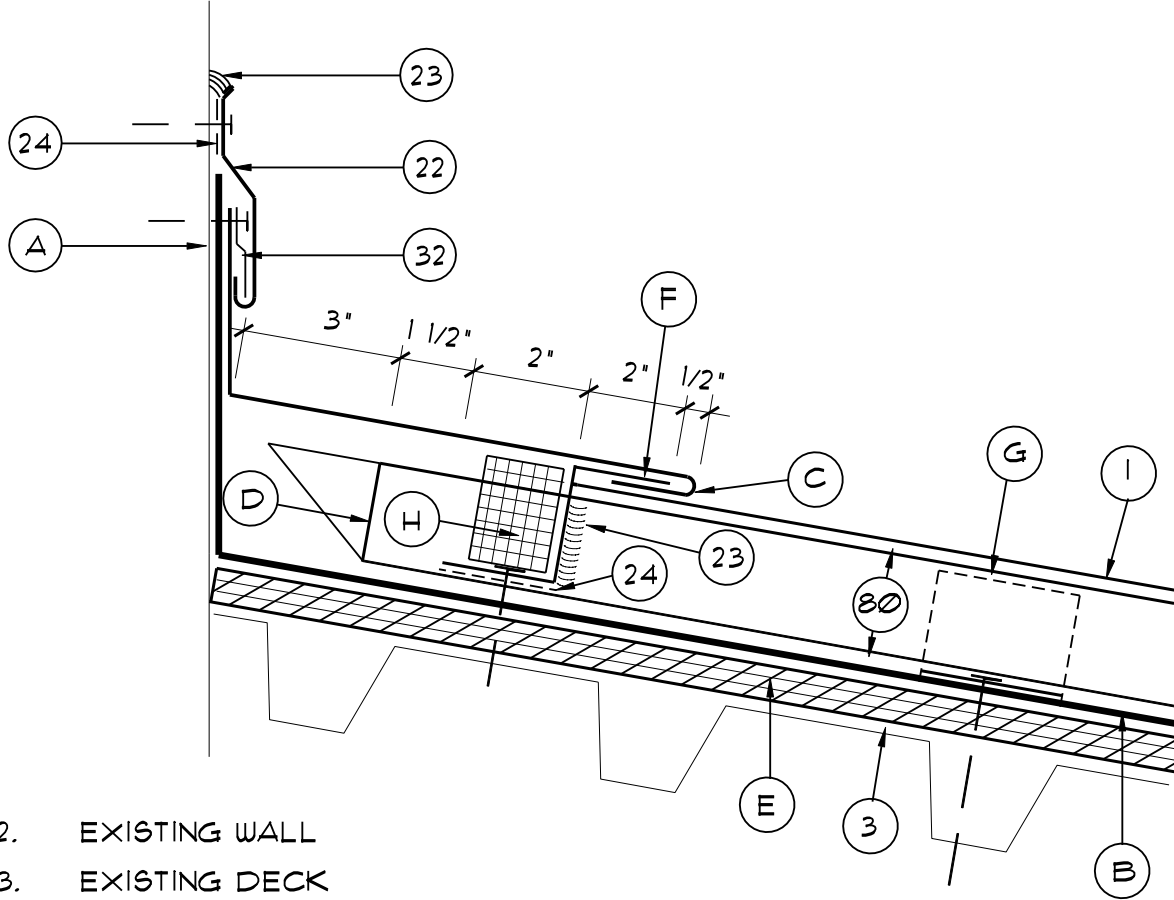
601 NORTH FERN CREEK AVENUE SUITE 100  
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TITLE WATER DEFLECTOR DETAIL  
AT ROOF EDGE

SCALE 3" = 1'-0"







- 2. EXISTING WALL
- 3. EXISTING DECK
- 22. COUNTERFLASHING -SURFACE APPLIED
- 23. SEALANT
- 24. FLASHING TAPE
- 32. CONTINUOUS CLEAT
- 80. METAL ROOF PANEL
- A. GRIND STUCCO AS REQ'D. FOR A SMOOTH SURFACE FOR FLASHING INSTALLATION
- B. NEW SELF ADHESIVE MODIFIED BITUMEN PRELIMINARY ROOF
- C. 22 GA. PREFINISHED CONT. METAL TRANSITION FLASHING W/ HEMMED EDGE
- D. "BOX" TOP OF PANEL WITHOUT CUTTING.
- E. NEW P.T. PLYWOOD SHEATHING SCREWED TO METAL DECK
- F. 22 GA. METAL "Z-CLOSURE"
- G. MFR'S STD. ANCHOR CLIP (6X6X18 GA. BEARING PLATE @ RIGID INSUL.) - SCREW TO METAL DECK BELOW PER MFR'S. RECOMMENDATIONS.
- H. CLOSED CELL FOAM RUBBER CLOSURE-CUT AS REQ'D FOR FRICTION FIT WITHIN EACH PANEL & SEAL WITH ONE PART URETHANE.
- I. NEW ROLLED-IN-FIELD RIB OR RIB CAP-HAND CRIMP TOP 4"-6" (F.V.) WHICH WOULD BE INACCESSIBLE TO THE MACHINE AS NECESSARY. REMOVE TOP OF RIB OR RIB CAP AS REQUIRED TO PASS THRU SLIT IN "Z-CLOSURE". SEE DTL. (G.303)

NOTE: ALL EXPOSED METAL SHOWN TO BE PRE-FINISHED TO MATCH NEW ROOF PANELS. SEAL ALL JOINTS WITH ONE PART URETHANE SEALANT PER SPECIFICATIONS.



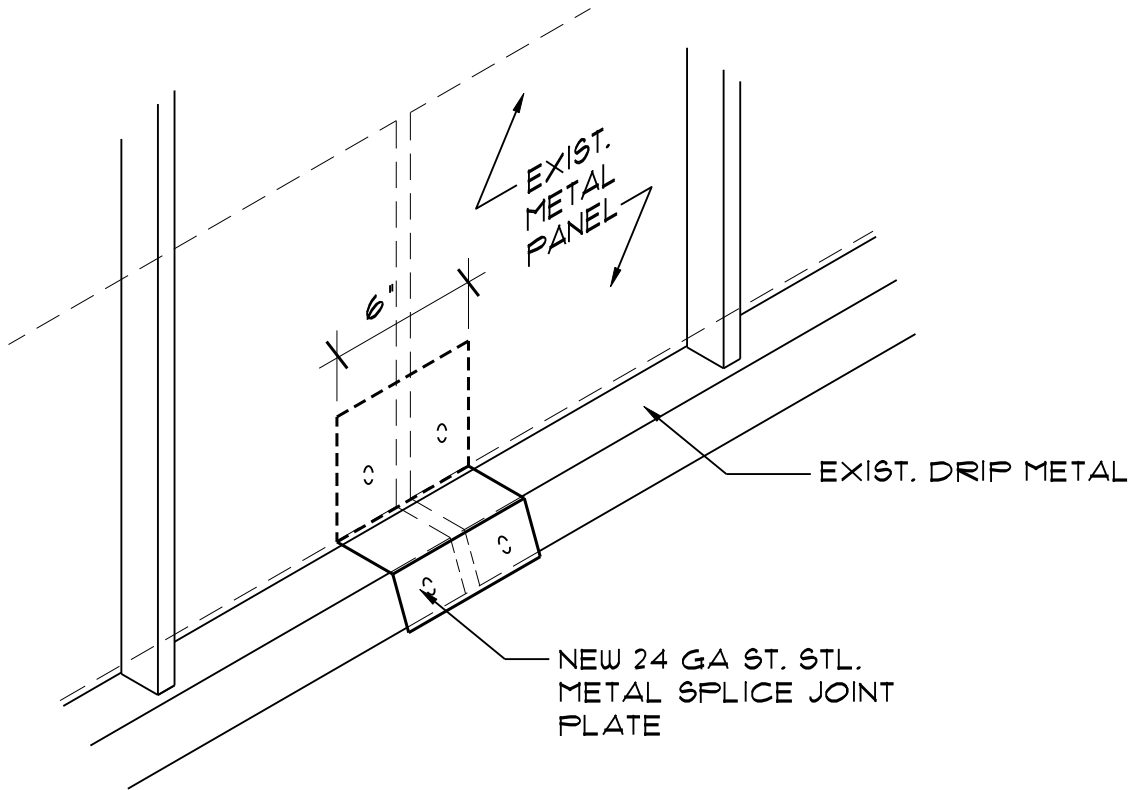
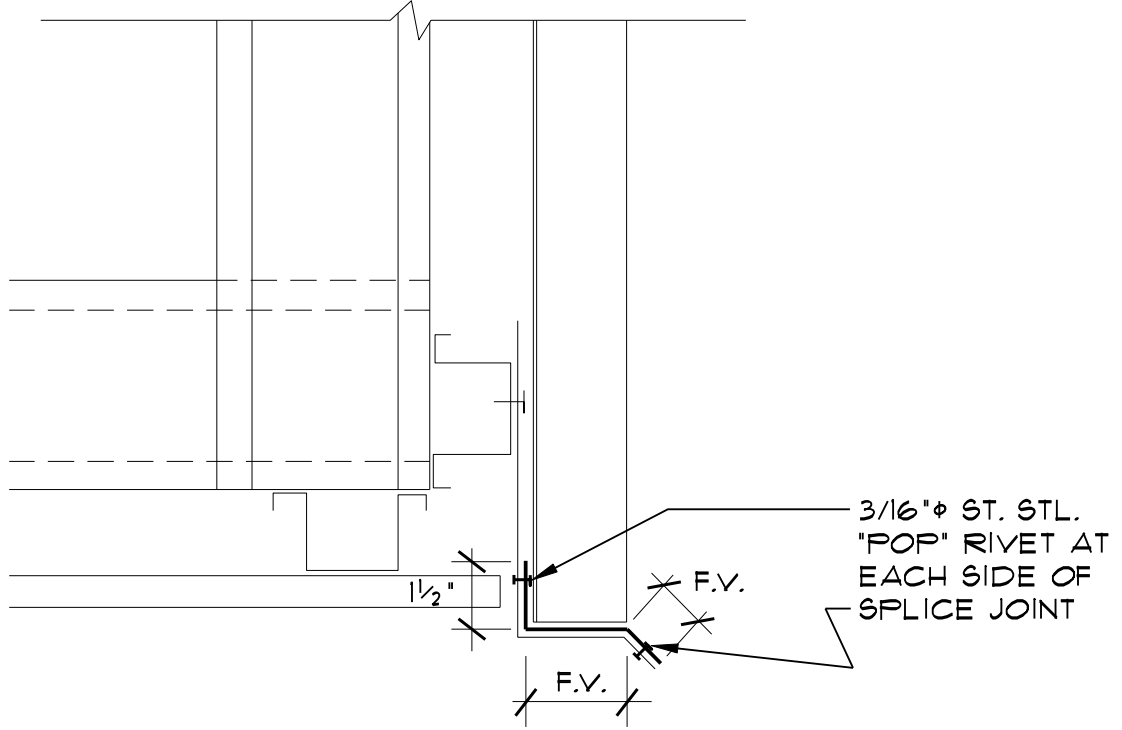
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TITLE **LOW ROOF TO STUCCO WALL  
 TRANSITION FLASHING**

SCALE **3" = 1'-0"**





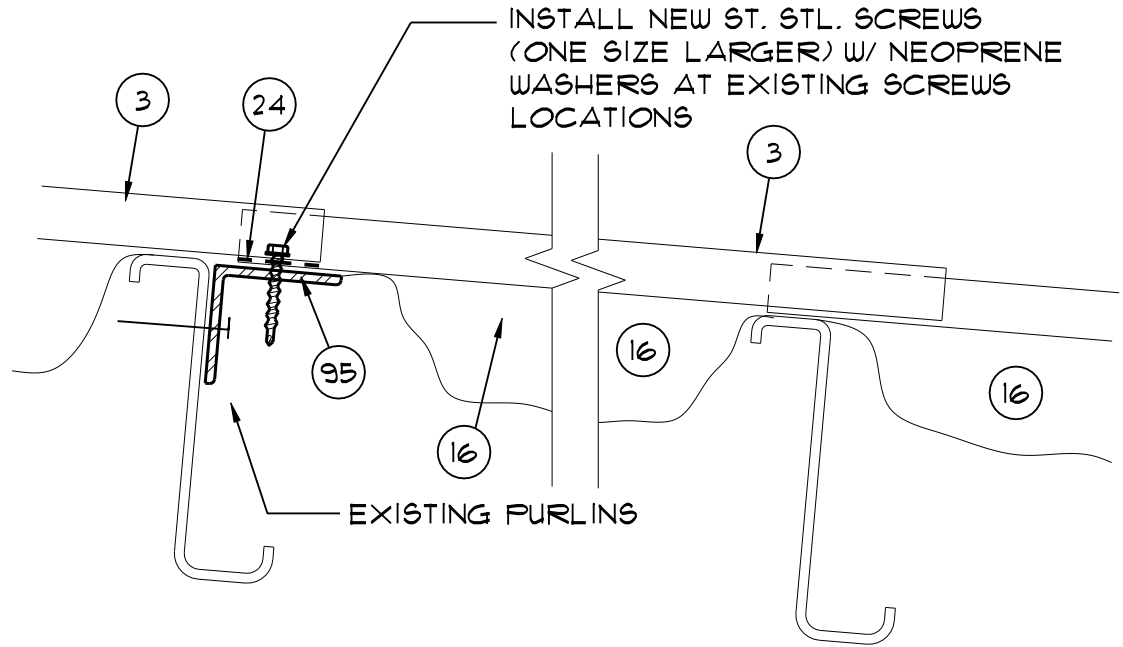
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TITLE SPLICE JOINT PLATE  
REPAIR AT EXIST. FASCIA

SCALE 3" = 1'-0"





- 3. EXISTING METAL PANELS TO REMAIN
- 16. FIBERGLASS BLANKET INSULATION TO REMAIN. REATTACH AS REQUIRED
- 95. 3"x3"x16 GAGE STEEL ANGLE (F.V. LENGTH REQ'D 36" MIN.) SECURE TO EXISTING PURLINS W/ 1/4" SCREWS @ 6" O.C. MAX.



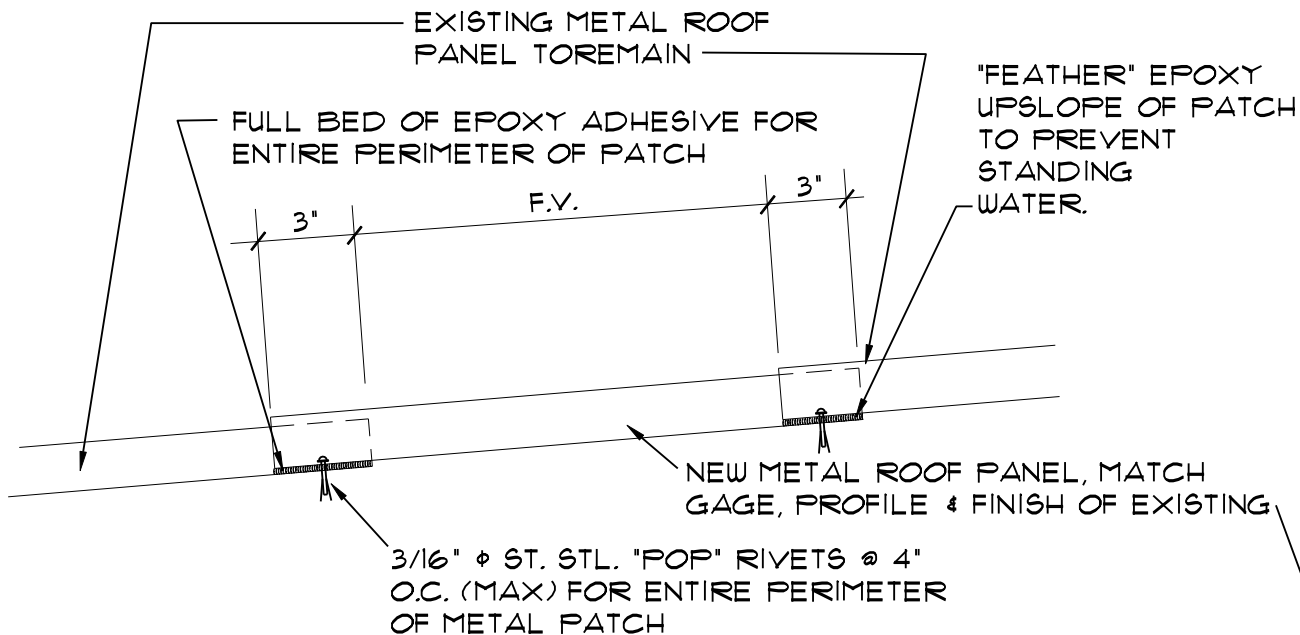
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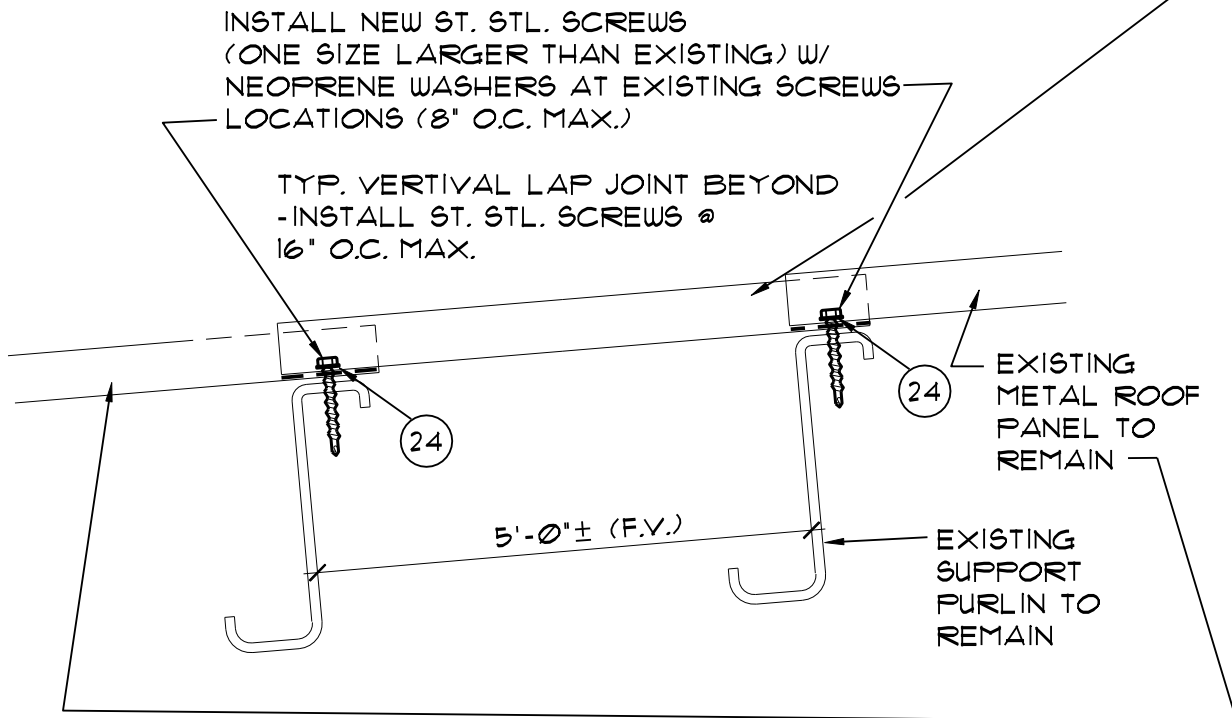
TITLE PANEL SUPPORT REPAIR  
 AT ROOF DECK FRAMING

SCALE N.T.S.





# ROOF "PATCH" AT SMALL EXISTING OPENING



NOTE: SEAL UPPER PANEL TO LOWER PANEL AT ALL LAPS W/ BUTYL "FLASHING" TAPE (CONT.)

# ROOF PANEL REPLACEMENT

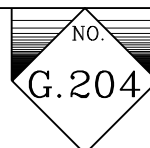


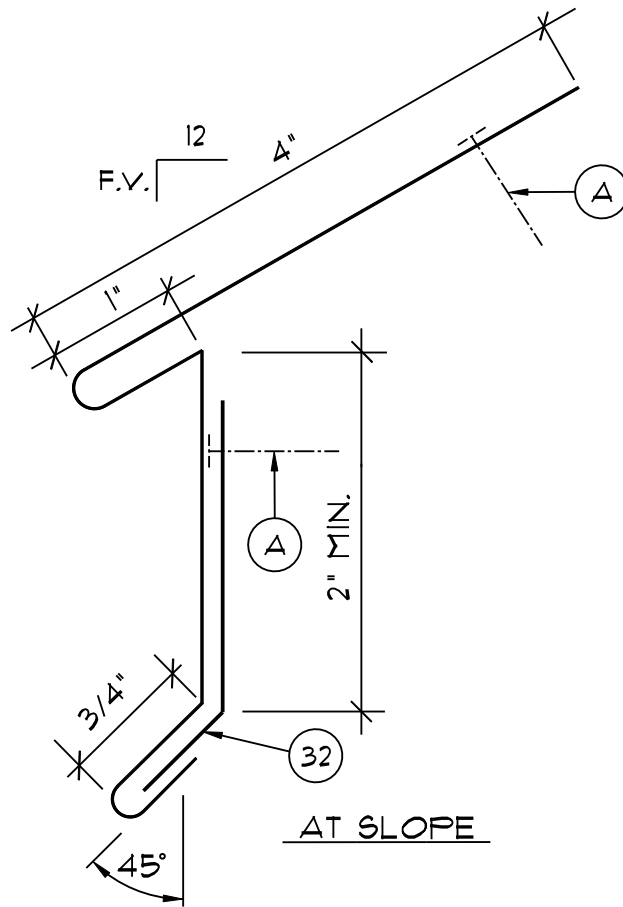
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TITLE TYP. ROOF PANEL PATCH & REPLACEMENT DETAILS

SCALE N.T.S.





- 24. FLASHING TAPE
- 32. CONTINUOUS CLEAT
- A. #10 (MIN. ) COATED 'TEK' SCREW @ 12" O.C. (MAX.)

NOTES:

- 1. NEW EDGE METAL COMPONENTS  
FIELD VERIFY DIMENSIONS FROM  
EXISTING CONDITIONS
- 2. SEE DETAIL (G.302) FOR SPLICE JOINT



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TITLE TYPICAL EDGE  
METAL FABRICATION

SCALE 3"=1'



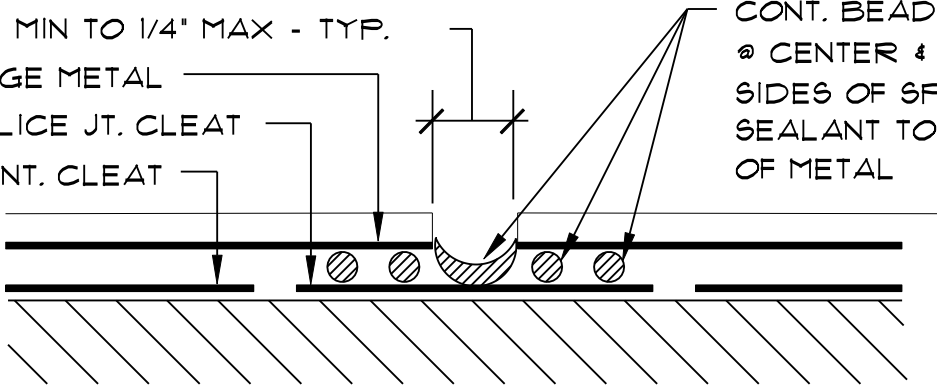
1/8" MIN TO 1/4" MAX - TYP.

EDGE METAL

SPLICE JT. CLEAT

CONT. CLEAT

CONT. BEAD OF SEALANT @ CENTER & DOUBLE BOTH SIDES OF SPLICE JT. CLEAT- SEALANT TO MATCH COLOR OF METAL

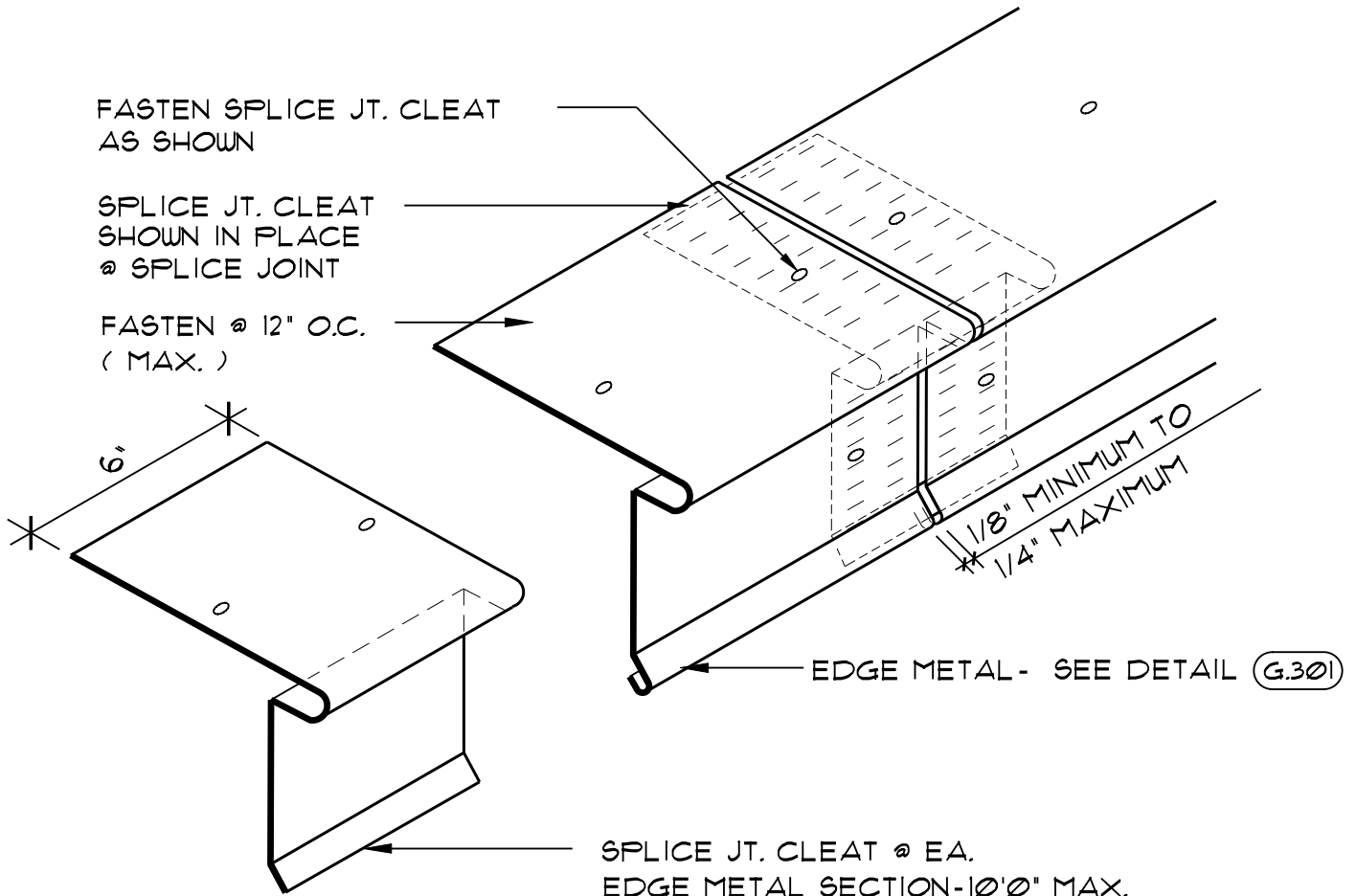


SECTION THRU SPLICE JOINT

FASTEN SPLICE JT. CLEAT AS SHOWN

SPLICE JT. CLEAT SHOWN IN PLACE @ SPLICE JOINT

FASTEN @ 12" O.C. ( MAX. )



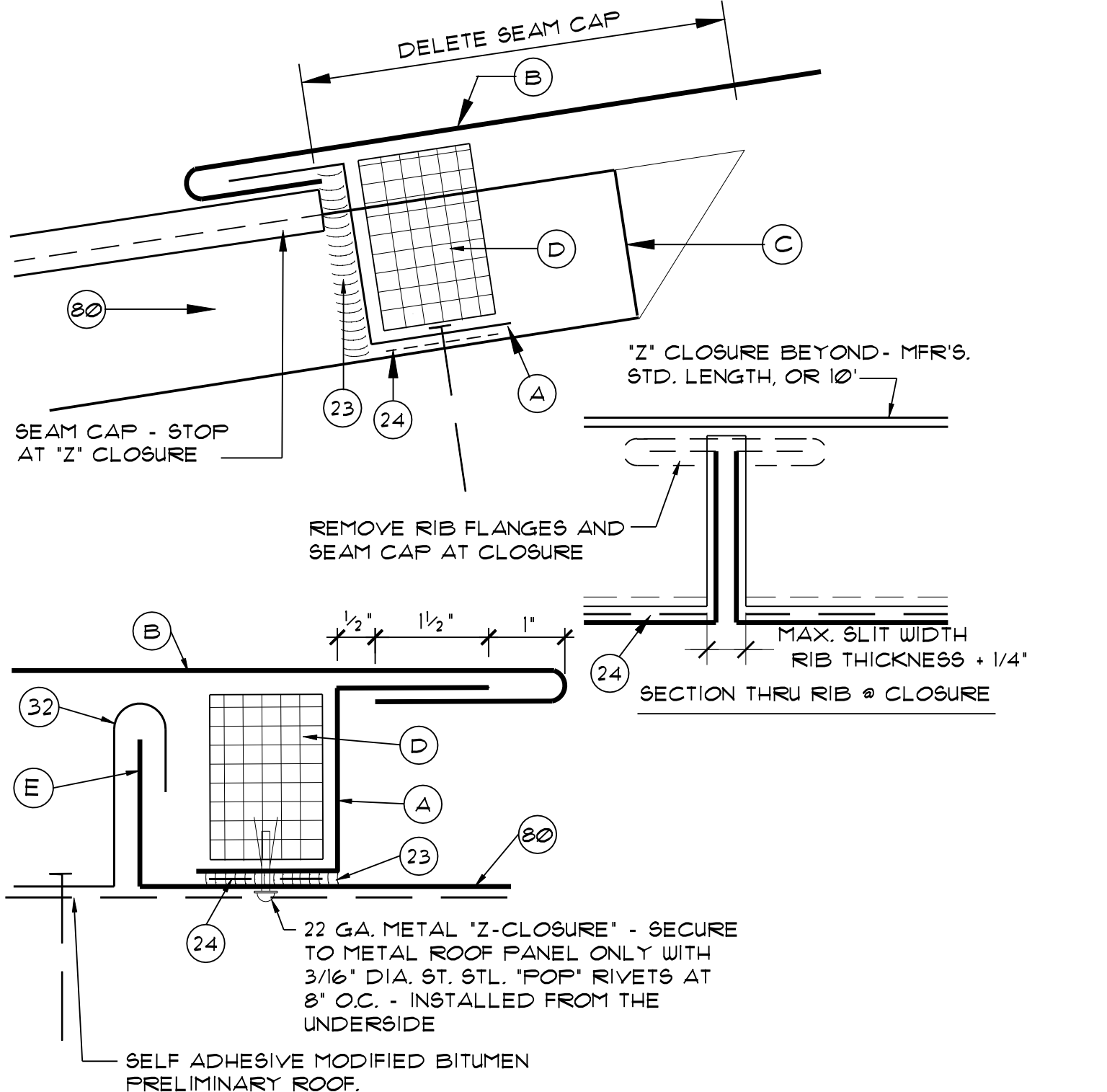
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TITLE SPLICE JOINT CLEAT DETAIL AT EDGE METAL

SCALE N.T.S.





- |                      |  |
|----------------------|--|
| 23. SEALANT          | A. 22 GA. METAL "Z-CLOSURE"  |
| 24. FLASHING TAPE    | B. METAL RIDGE CAP-SLIDE ON OVER "Z-CLOSURE"   |
| 32. CONTINUOUS CLEAT | C. "BOX" TOP OF PANEL IN FIELD WITHOUT CUTTING.  |
| 80. METAL ROOF PANEL | D. CLOSED CELL FOAM RUBBER CLOSURE-CUT AS REQ'D FOR FRICTION FIT WITHIN EACH PANEL & SEAL WITH ONE PART URETHANE SEALANT |
|                      | E. BEND ROOF PANEL UP IN FIELD   |

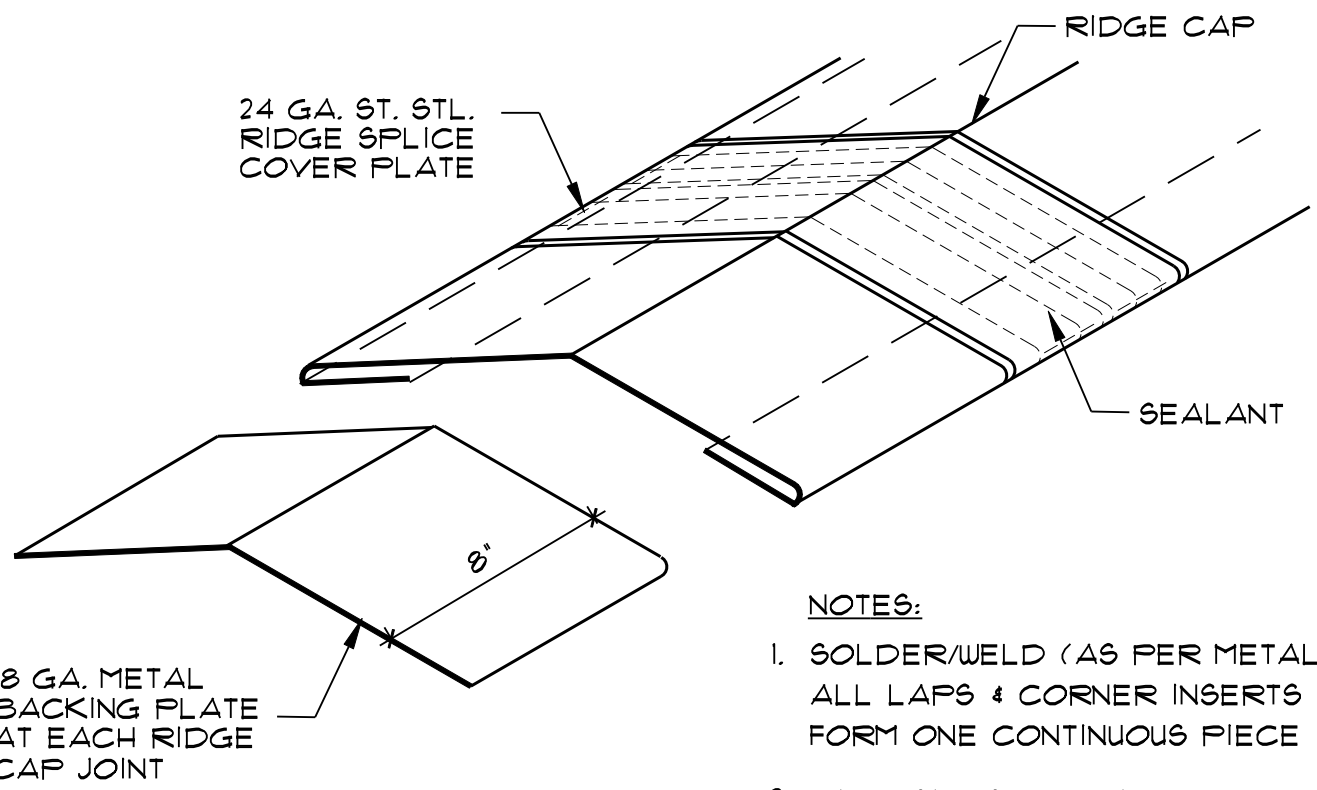
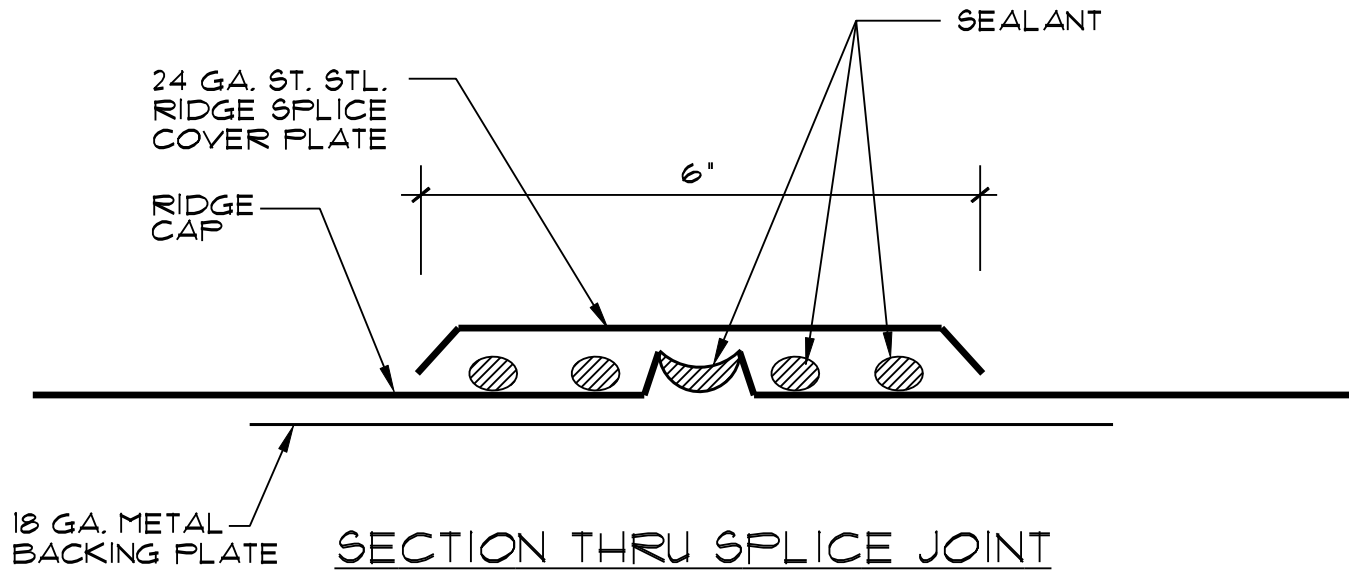


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TITLE TYPICAL PANEL  
 TOP CLOSURE

SCALE 3" = 1'-0"





**NOTES:**

1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED

NOTE: ALL EXPOSED METAL SHOWN TO BE PRE-FINISHED TO MATCH NEW ROOF PANELS. (U.N.O.) -SEAL ALL JOINTS WITH SEALANT PER SPECIFICATION SECTION 07300



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TITLE SPLICE JOINT AT  
RIDGE CAP

SCALE N.T.S.





**NOTES:**

- 1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
- 2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED

EXIST. SLOPE

3/16" POP RIVET SKIRT AND APPLY SEALANT

EXIST. RAKE EDGE CAP

2" MIN

F.V.  
F.V.

2" MIN

F.V.

HEM EDGE OVER EXIST. CORNER CAP - BEND IN FIELD

BUTYL FLASHING TAPE

BUTYL FLASHING TAPE WITHIN JOINT

EXIST. EXTERIOR CORNER CAP

CONT. SOLDER

ISO. VIEW



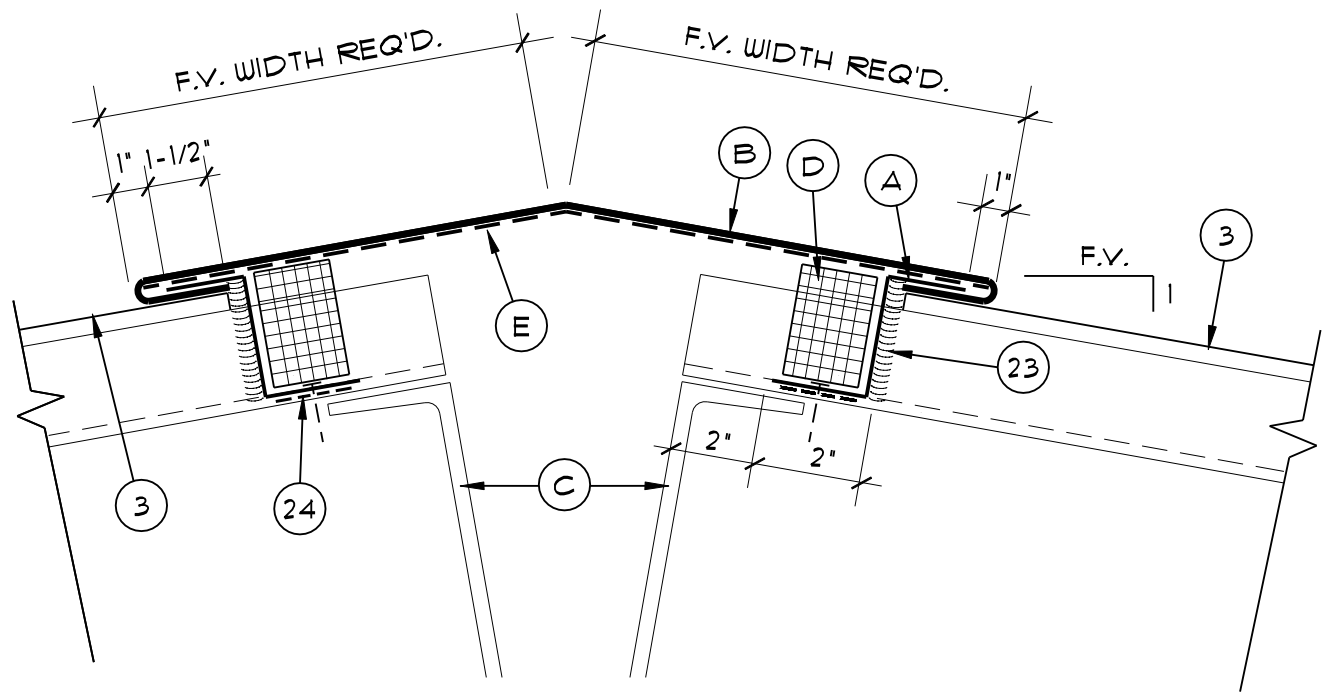
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TITLE RAKE METAL TRANSITION AT TOP OF WALL TRIM

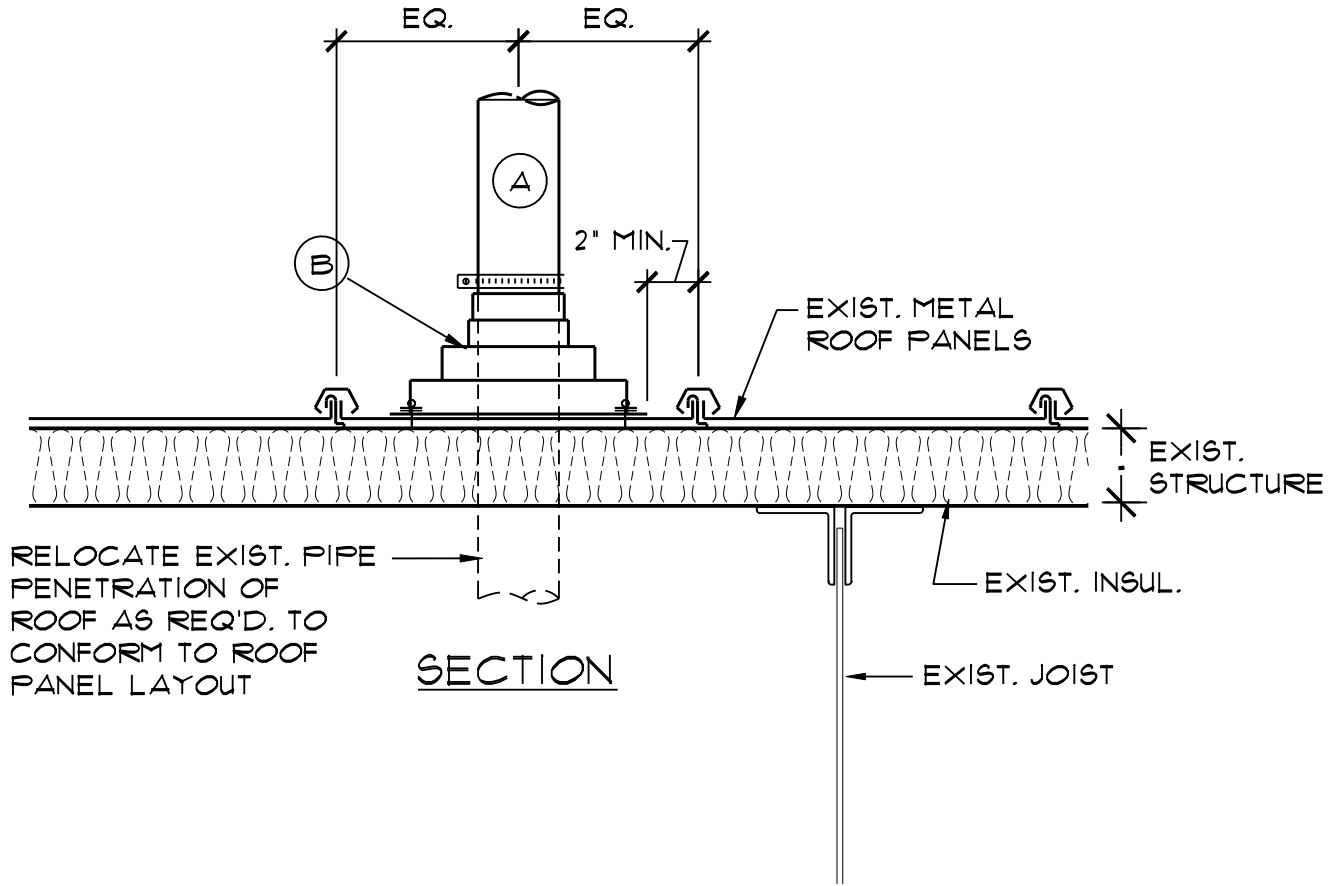
SCALE N.T.S.





- 3. EXIST. METAL ROOF PANELS
- 23. SEALANT
- 24. FLASHING TAPE
- A. 22 GA. METAL "Z-CLOSURE"
- B. METAL RIDGE CAP-SLIDE ON OVER "Z-CLOSURE" AND SECURE WITH BUTTON PUNCH. PROVIDE SPLICE CLEAT @ JOINT. SEE DETAIL (G.304)
- C. EXISTING FRAMING
- D. CLOSED CELL FOAM RUBBER CLOSURE-CUT AS REQ'D FOR FRICTION FIT WITHIN EACH PANEL & SEAL WITH SEALANT
- E. SELF ADHESIVE MODIFIED BITUMEN MEMBRANE UNDER RIDGE CAP.

**NOTE:**  
SEAL ALL JOINTS WITH ONE PART SILICONE SEALANT PER SPECIFICATIONS.



- A. EXIST. PIPE
- B. INSTALL DEKTITE FLASHING

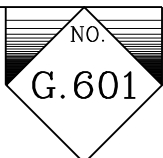


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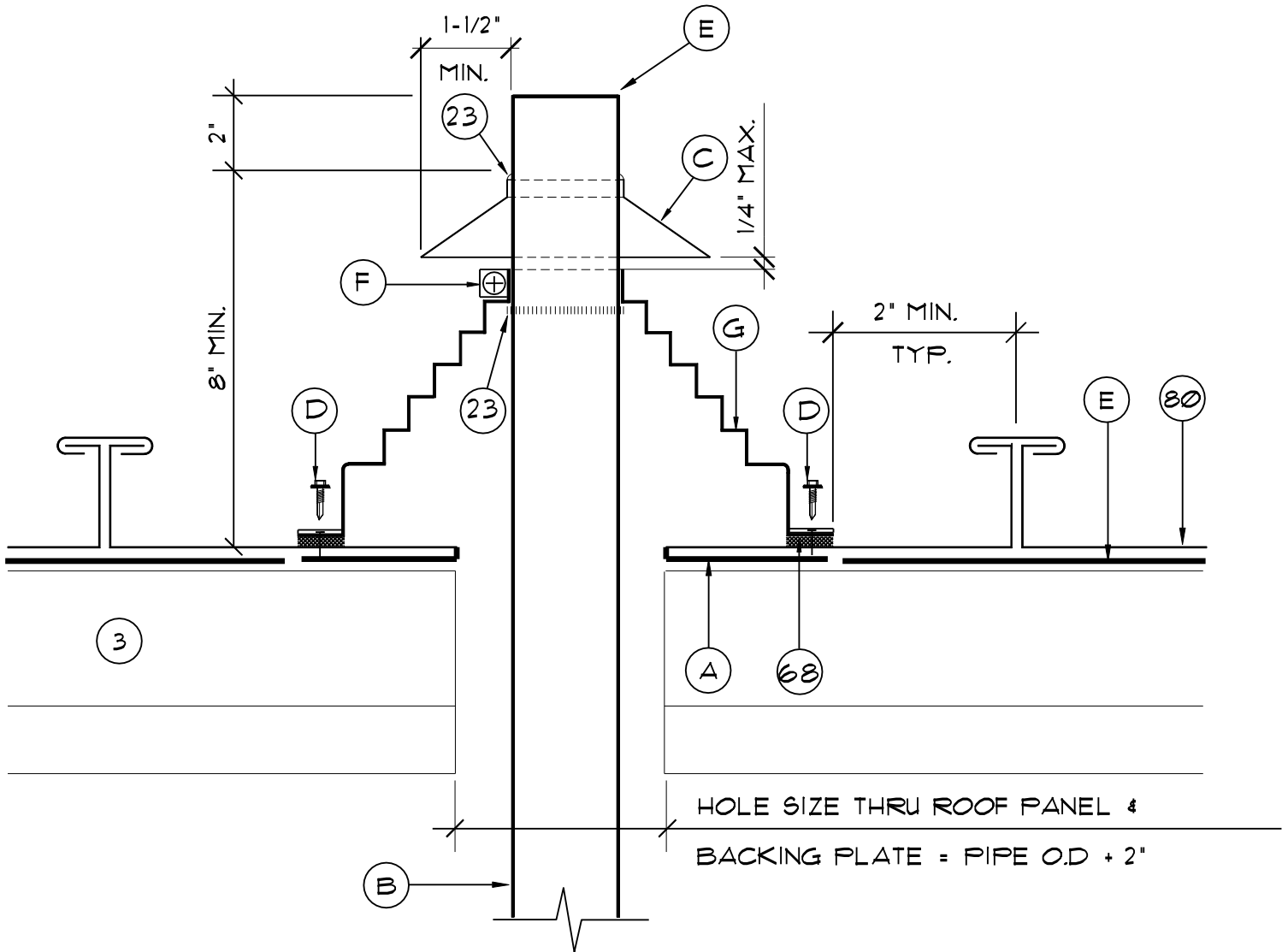
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TITLE TYPICAL PIPE FLASHING  
 DETAIL AT METAL ROOF

SCALE 3"=1'



NOTE: FIELD VERIFY EXACT LOCATION AND RELOCATE AS REQ'D.  
TO AVOID INTERFERENCE WITH PANEL RIBS



- |   |  |
|---|--|
| <p>3. EXIST. DECK</p> <p>23. SEALANT</p> <p>40. EXTENSION TO EXIST. VENT STACK IF REQ'D.</p> <p>68. CONTINUOUS SEALANT</p> <p>80. METAL ROOF PANEL</p> <p>A. 18 GA. METAL BACKING PLATE - SIZE = "BOOT" FLANGE DIAMETER</p> <p>B. EXIST. VENT STACK</p> | <p>C. ST. STL. HOOD SOLDER/WELD PER MTL. TYPE</p> <p>D. MANUFACTURES SELF-SEALING SCREWS @ MFR'S SPACING (1-1/2" O.C. MAX)</p> <p>E. NEW SELF-ADHESIVE MODIFIED BITUMEN PRELIMINARY ROOF</p> <p>F. ST. STL. CLAMP BAND</p> <p>G. ONE PIECE FLASHING "BOOT" UNIT CONSTRUCTED OF EPDM RUBBER - PROFILE &amp; ANCHOR AS PER MANUFACTURER (PROVIDE "RETROFIT" TYPE BOOT IF REQ'D - F.V.)</p> |
|---|--|

NOTE: ROOFTOP FLASHING "BOOT" TO BE SECURED TO METAL ROOF PANELS ONLY, DO NOT ANCHOR TO DECK OR RIGID INSULATION BELOW.



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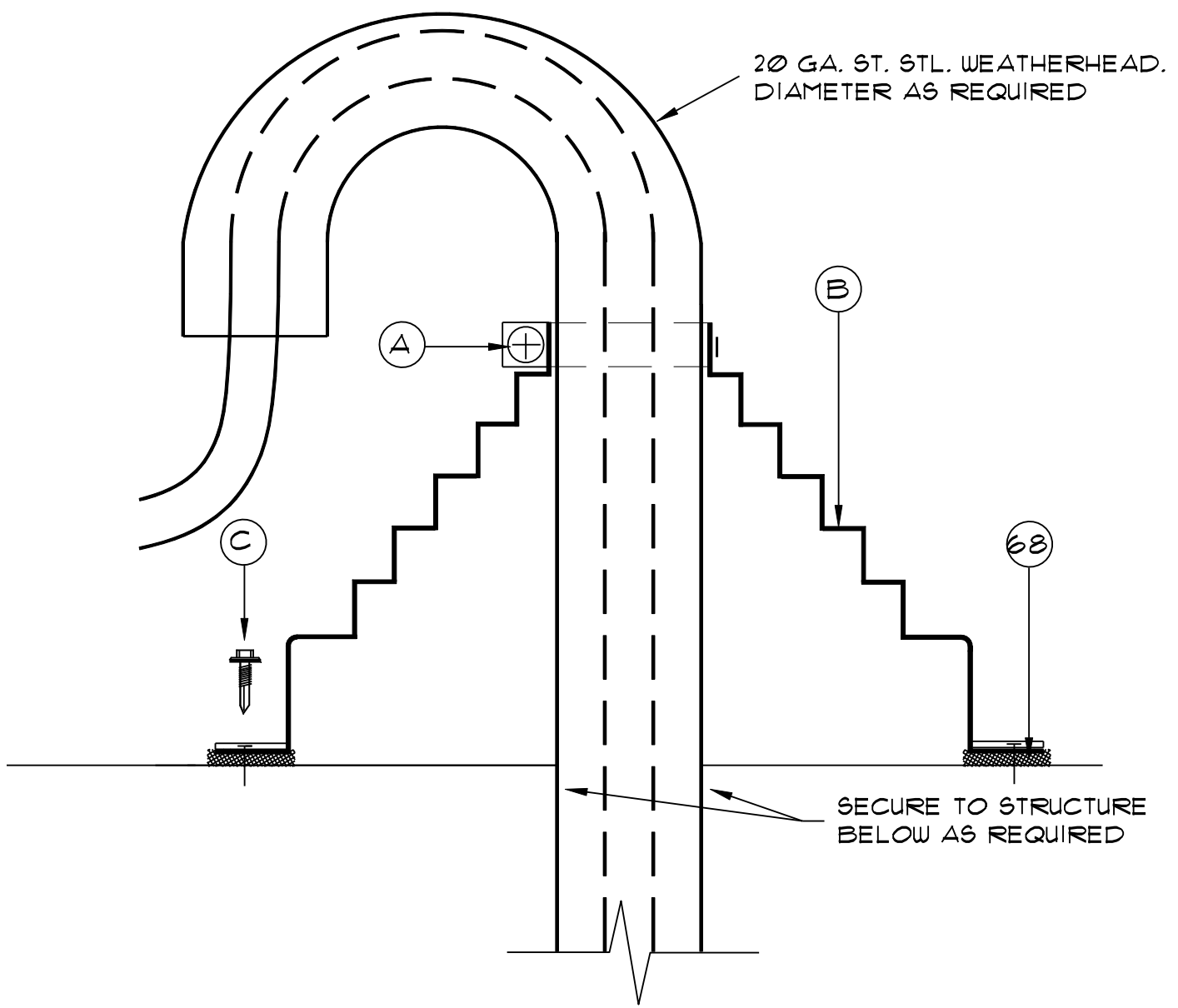
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TITLE VENT STACK ("BOOT")  
FLASHING/ANCHORAGE

SCALE 3"=1'



PROJECT NUMBER: 15036.00 PLOT SCALE: 3"=1' CATALOG # ACAD FILE # 15036G602



- 68. BASE SHEET
- A. ST. STEEL CLAMP BAND
- B. ONE PIECE FLASHING UNIT  
CONSTRUCTED OF SILICON RUBBER-  
PROFILE & ANCHOR AS PER MANUFACTURER
- C. MANUFACTURES SELF-SEALING  
SCREWS @ MFR'S SPACING



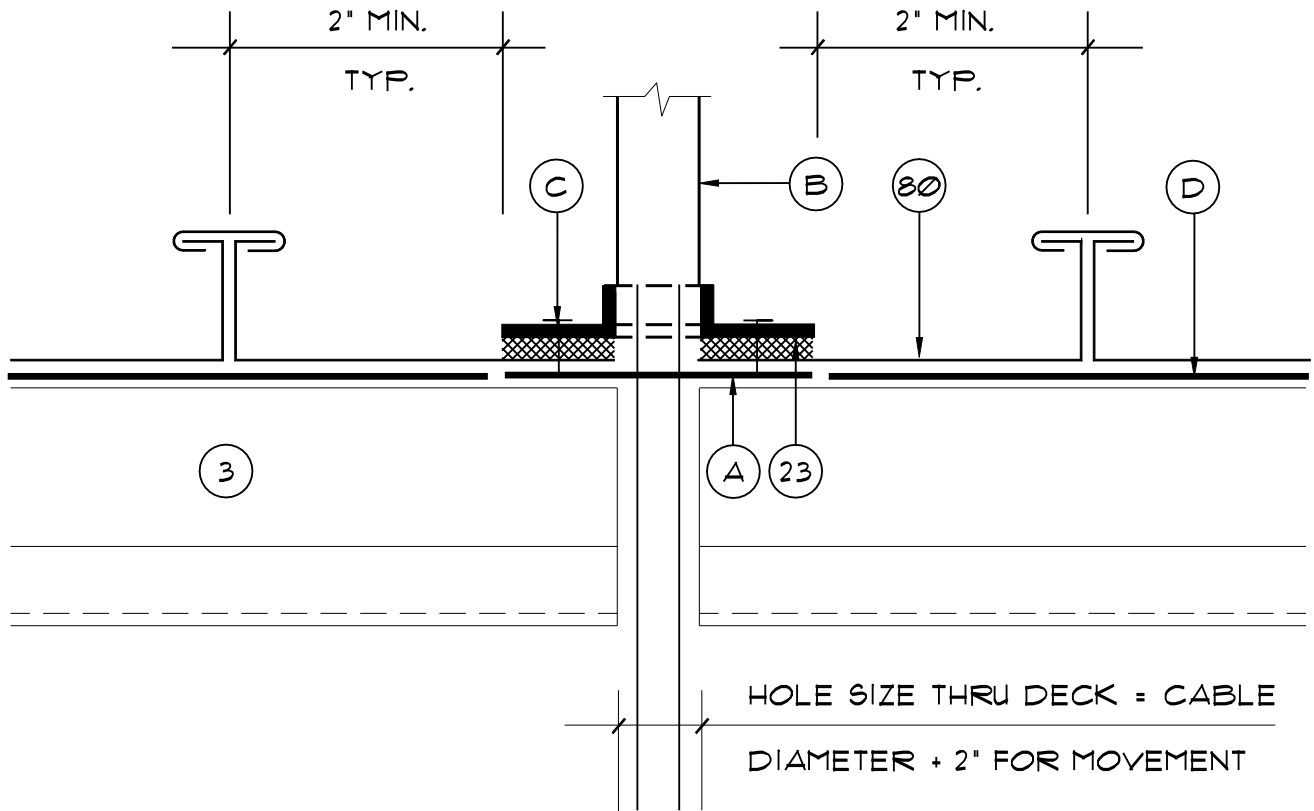
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TITLE WEATHERHEAD FLASHING

SCALE 3" = 1'-0"

NO.  
**G.603**

NOTE: FIELD VERIFY EXACT LOCATION AND RELOCATE AS REQ'D  
TO AVOID INTERFERENCE WITH PANEL RIBS



- 3. EXISTING DECK
- 23. SEALANT
- 80. METAL ROOF PANEL
- A. 18 GA. METAL BACKING PLATE - SIZE = LIGHTNING ROD FLANGE DIA. + 2" MIN. SIZE HOLE @ CTR FOR CABLE
- B. LIGHTNING PROTECTION ROD & MOUNTING FLANGE
- C. SELF TAPPING ST. STL. SCREWS W/ NEOPRENE WASHERS (4-MINIMUM)
- D. NEW SELF-ADHESIVE MODIFIED BITUMEN PRELIMINARY ROOF

NOTE: ROOFTOP EQUIPMENT TO BE SECURED TO METAL ROOF PANELS ONLY, DO NOT ANCHOR TO DECK OR RIGID INSULATION BELOW.

ACAD FILE # 15036G901

DATE: ..

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 15036.00



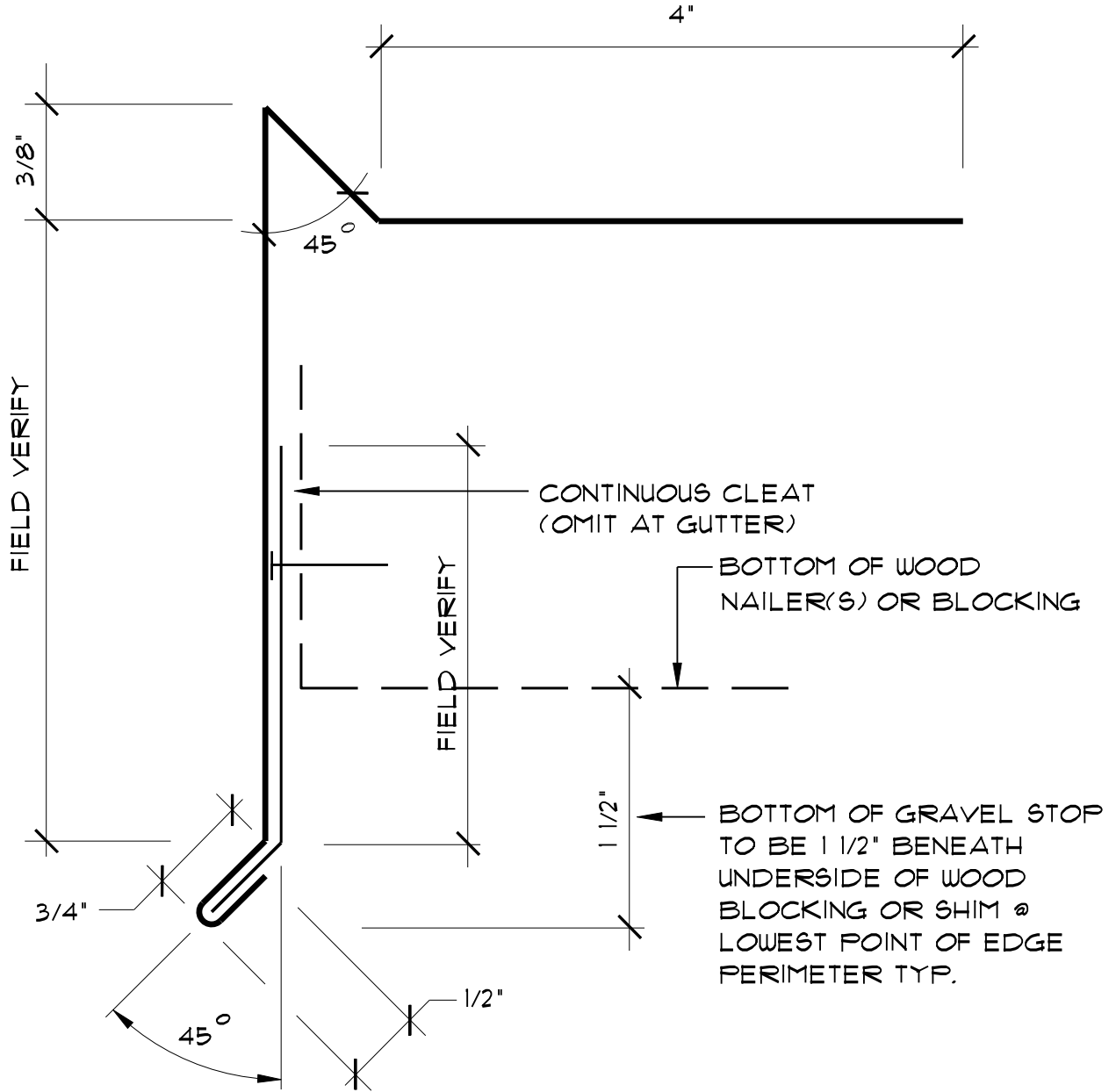
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TITLE LIGHTNING PROTECTION  
ROD FLASH./ANCHORAGE

SCALE 3" = 1'-0"





NOTES:

1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED



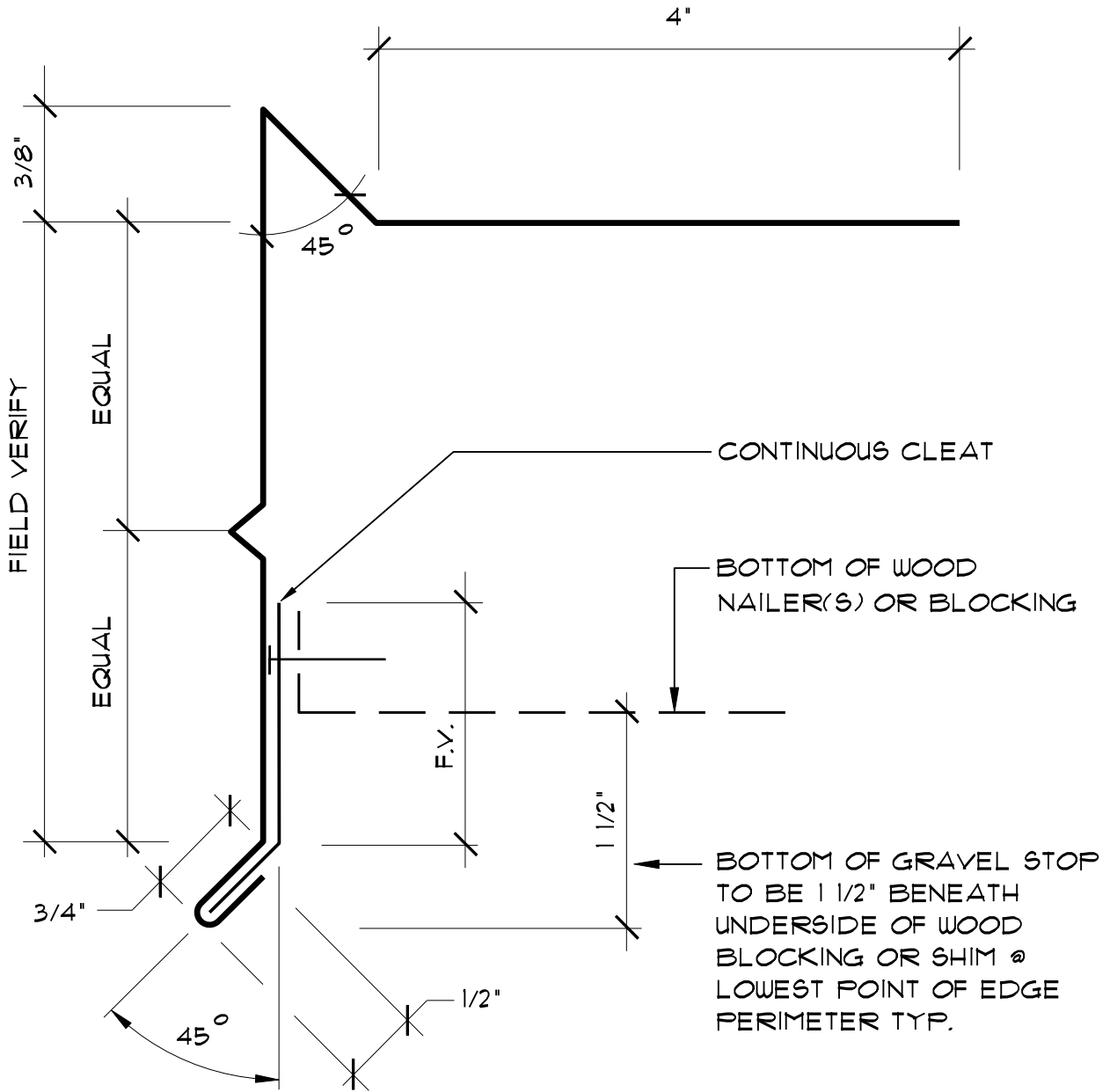
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TITLE EDGE METAL FABRICATION

SCALE N.T.S.





**NOTES:**

1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED

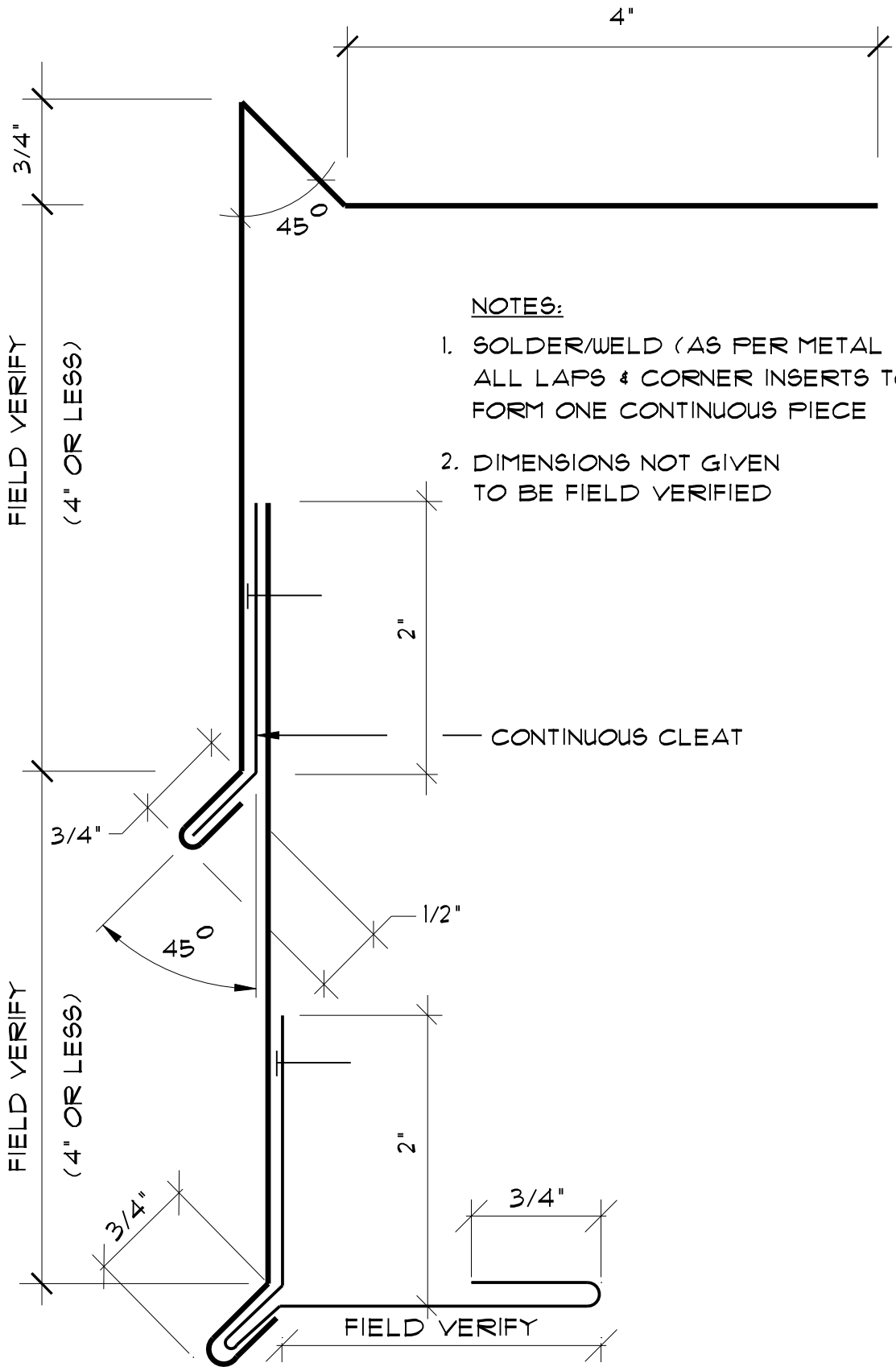


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TITLE EDGE METAL FABRICATION  
  
SCALE N.T.S.







NOTES:

1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED

— CONTINUOUS CLEAT



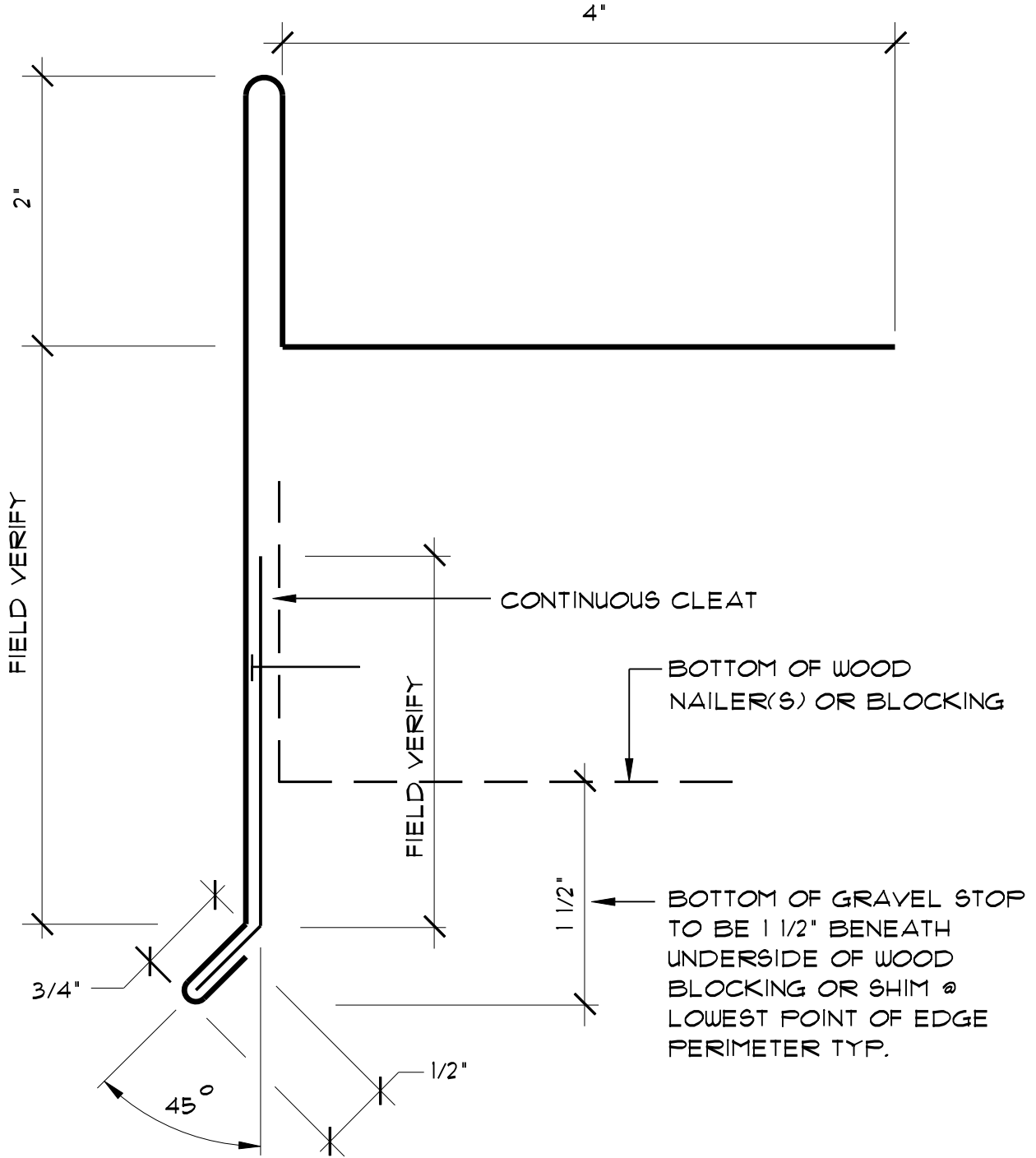
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TITLE EDGE METAL DETAIL  
 AT SKIRT METAL

SCALE N.T.S.





**NOTES:**

- 1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
- 2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED



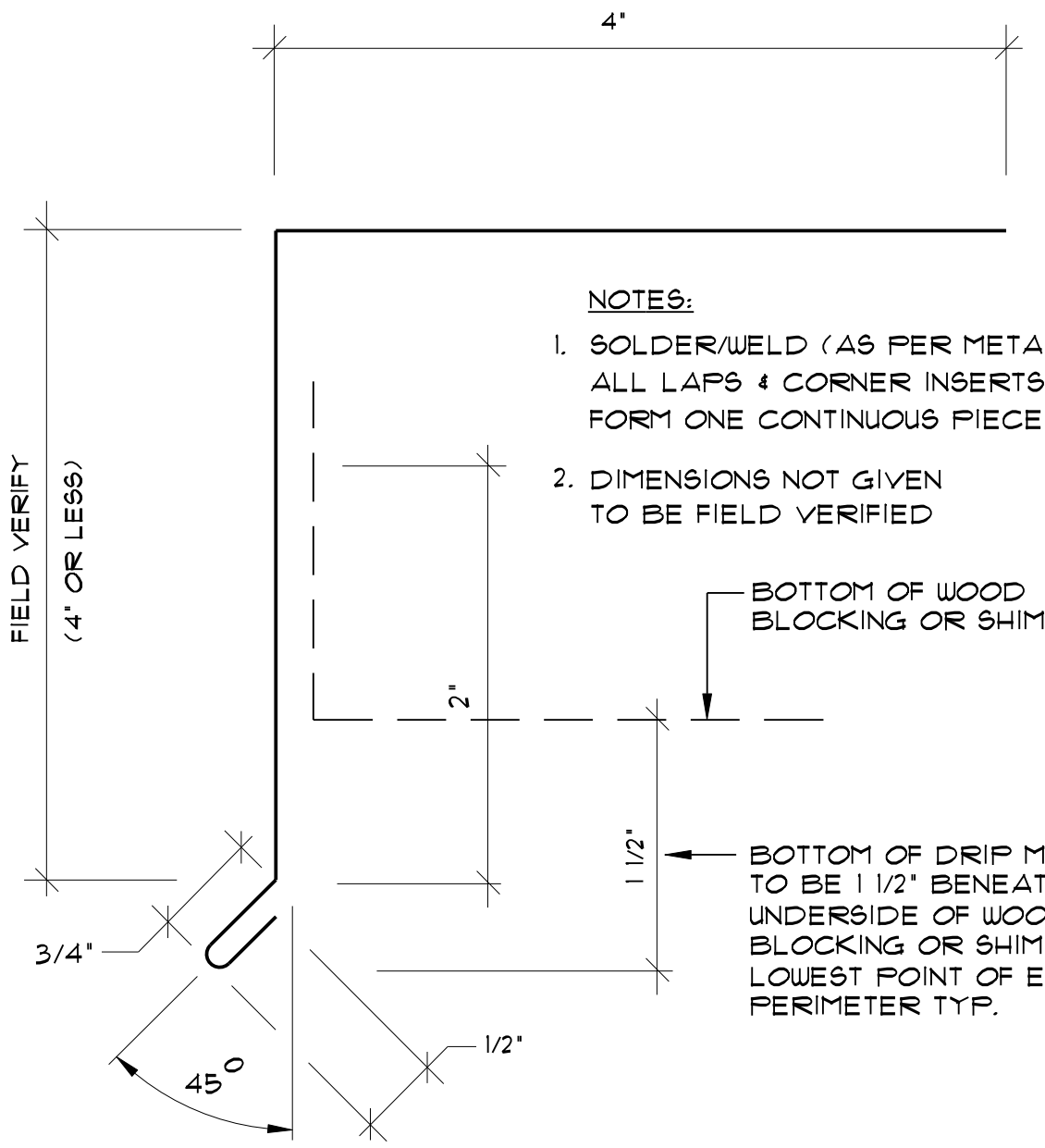
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TITLE EDGE METAL FABRICATION  
 AT HIGH END AND RAKE

SCALE N.T.S.





**NOTES:**

- 1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
- 2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED

BOTTOM OF WOOD  
BLOCKING OR SHIM

BOTTOM OF DRIP METAL  
TO BE 1 1/2" BENEATH  
UNDERSIDE OF WOOD  
BLOCKING OR SHIM @  
LOWEST POINT OF EDGE  
PERIMETER TYP.



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TITLE **EDGE METAL DETAIL**

SCALE **N.T.S.**



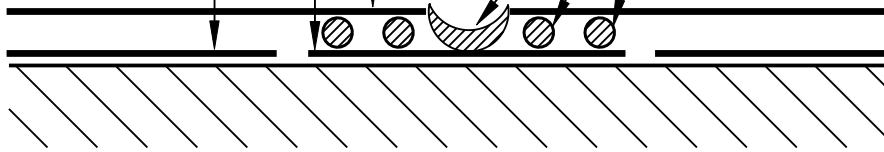
1/8" MIN TO 1/4" MAX - TYP.

DRIP METAL

SPLICE JT. CLEAT

CONT. CLEAT

CONT. BEAD OF SEALANT @ CENTER & DOUBLE BOTH SIDES OF SPLICE JT. CLEAT- SEALANT TO MATCH COLOR OF METAL



SECTION THRU SPLICE JOINT

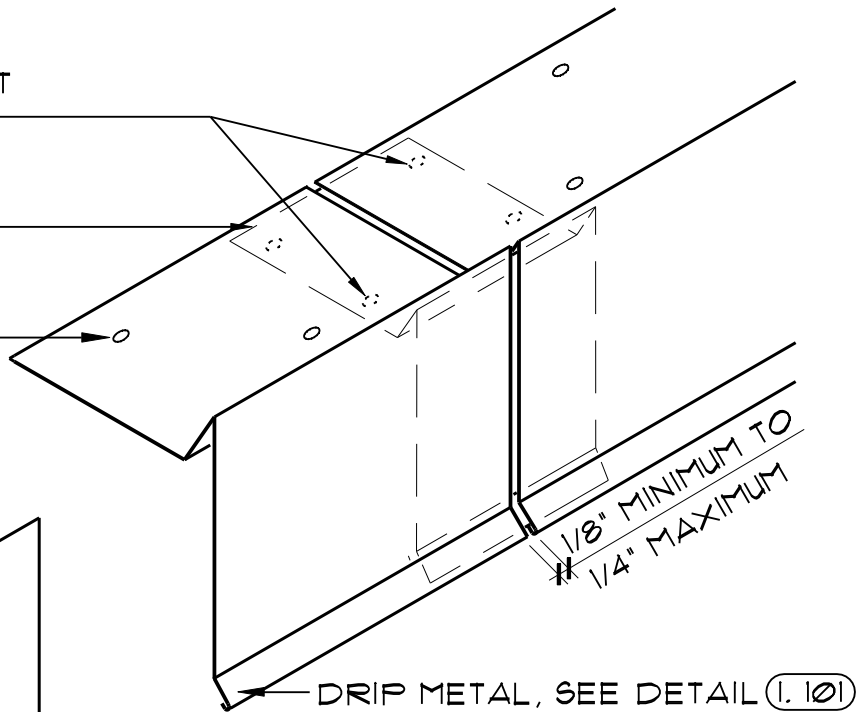
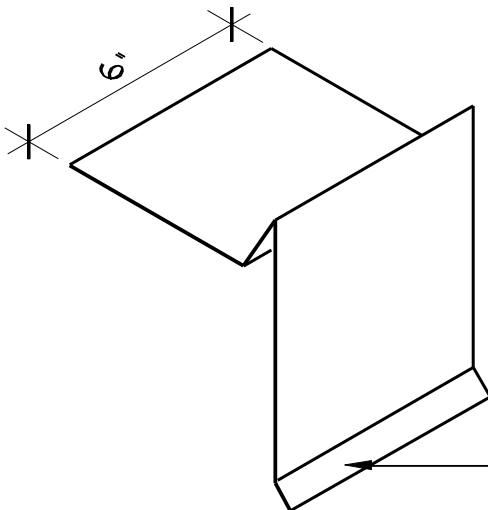
NOTES:

- 1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
- 2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED

NAIL SPLICE JT. CLEAT AS SHOWN

SPLICE JT. CLEAT SHOWN IN PLACE @ SPLICE JOINT

NAIL @ 4" O.C. STAGGERED



SPLICE JT. CLEAT @ EA. DRIP METAL SECTION - 10'-0" MAX.



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TITLE SPLICE JOINT CLEAT

SCALE N.T.S.



ACAD FILE # 15036H107  
DATE: ..  
PLOT SCALE : 3" = 1'-0"  
PROJECT NUMBER: 1503600

HEAT WELD 6" STRIP OF MEMBRANE TO METAL AT ALL SPLICE JOINTS

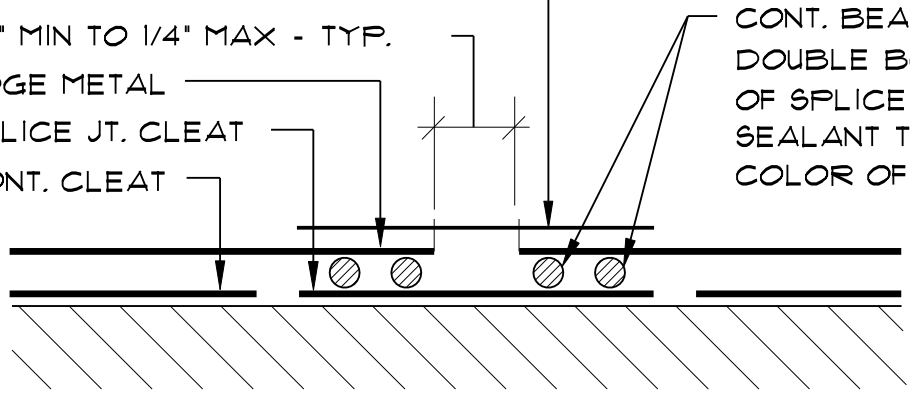
1/8" MIN TO 1/4" MAX - TYP.

EDGE METAL

SPLICE JT. CLEAT

CONT. CLEAT

CONT. BEAD OF SEALANT DOUBLE BOTH SIDES OF SPLICE JT. CLEAT- SEALANT TO MATCH COLOR OF METAL



SECTION THRU SPLICE JOINT

NOTES:

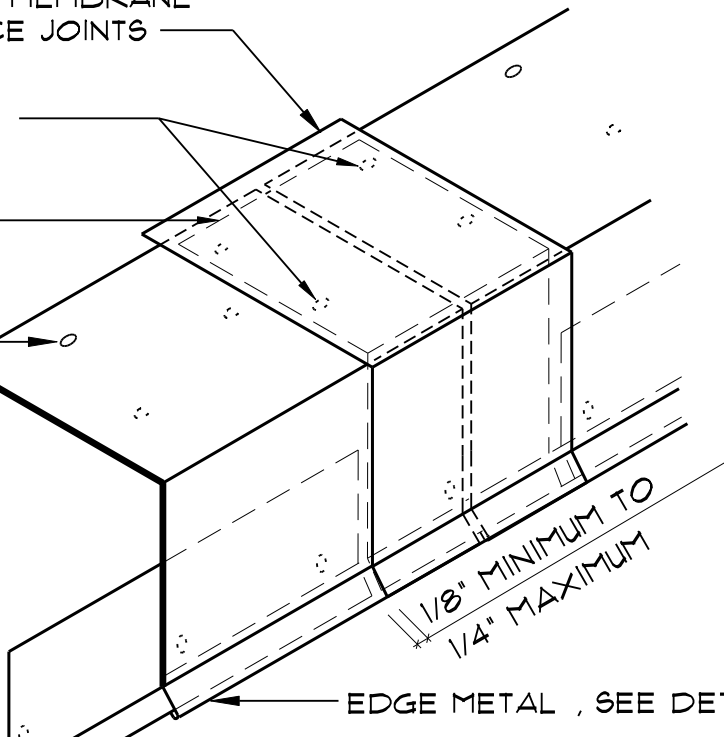
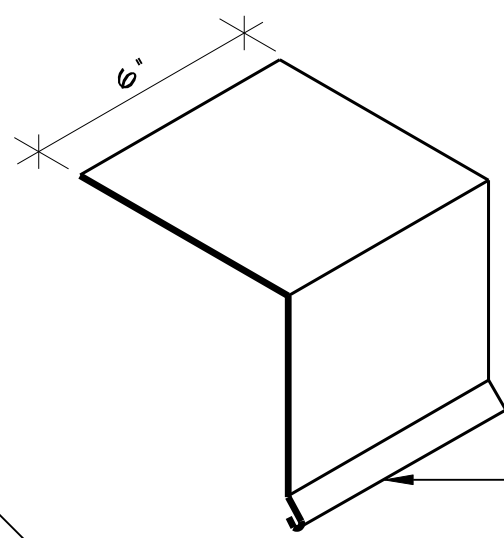
- 1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
- 2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED

HEAT WELD 6" STRIP OF MEMBRANE TO METAL AT ALL SPLICE JOINTS

NAIL SPLICE JT. CLEAT AS SHOWN

SPLICE JT. CLEAT SHOWN IN PLACE @ SPLICE JOINT

NAIL @ 4" O.C. STAGGERED



EDGE METAL , SEE DETAIL (I. 105)

CONT. CLEAT

SPLICE JT. CLEAT @ EA. EDGE METAL SECTION-10'-0" MAX.

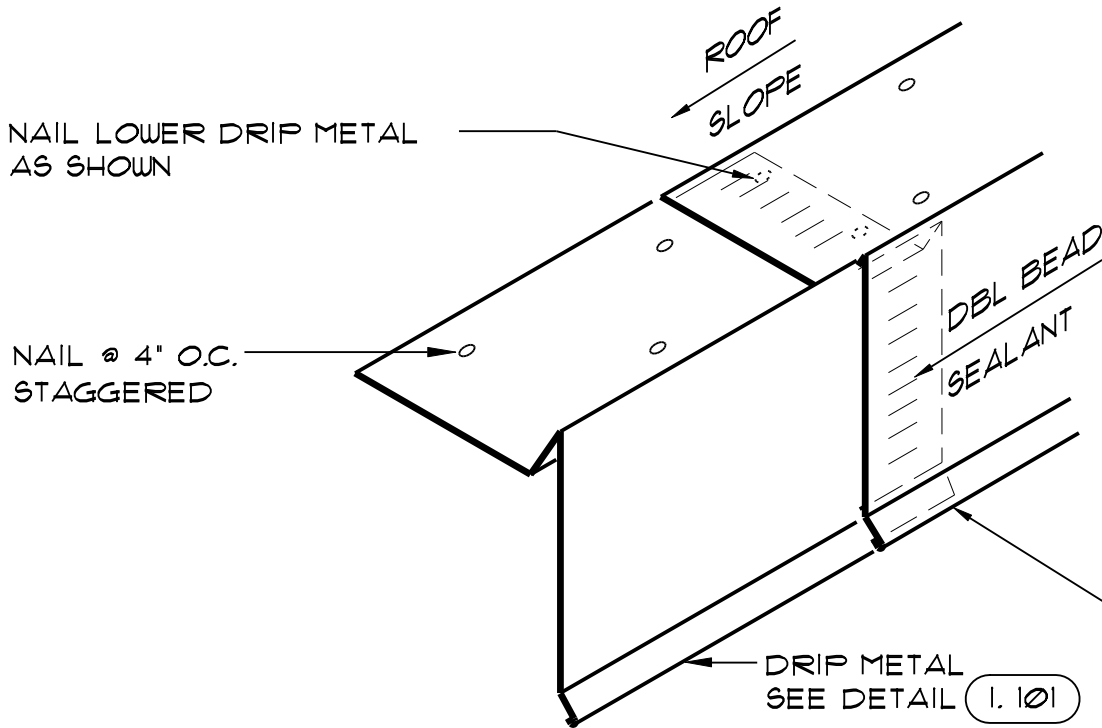
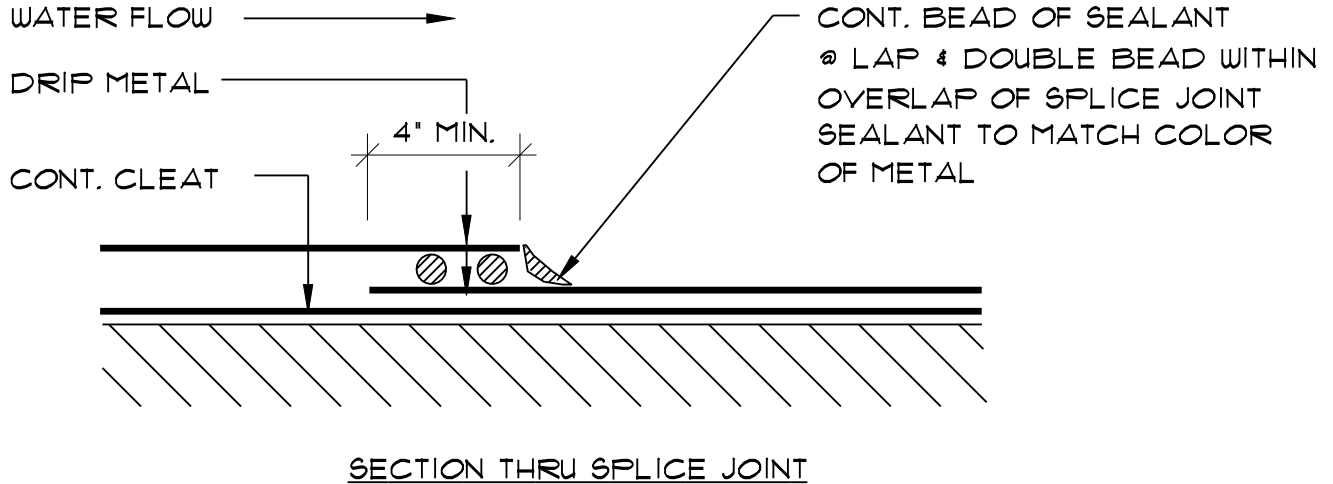


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TITLE **SPLICE JOINT CLEAT DETAIL**

SCALE **N.T.S.**





**NOTES:**

- 1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
  - 2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED
- TRIM HEM OF LOWER DRIP METAL TO NEST WITHIN UPPER DRIP METAL

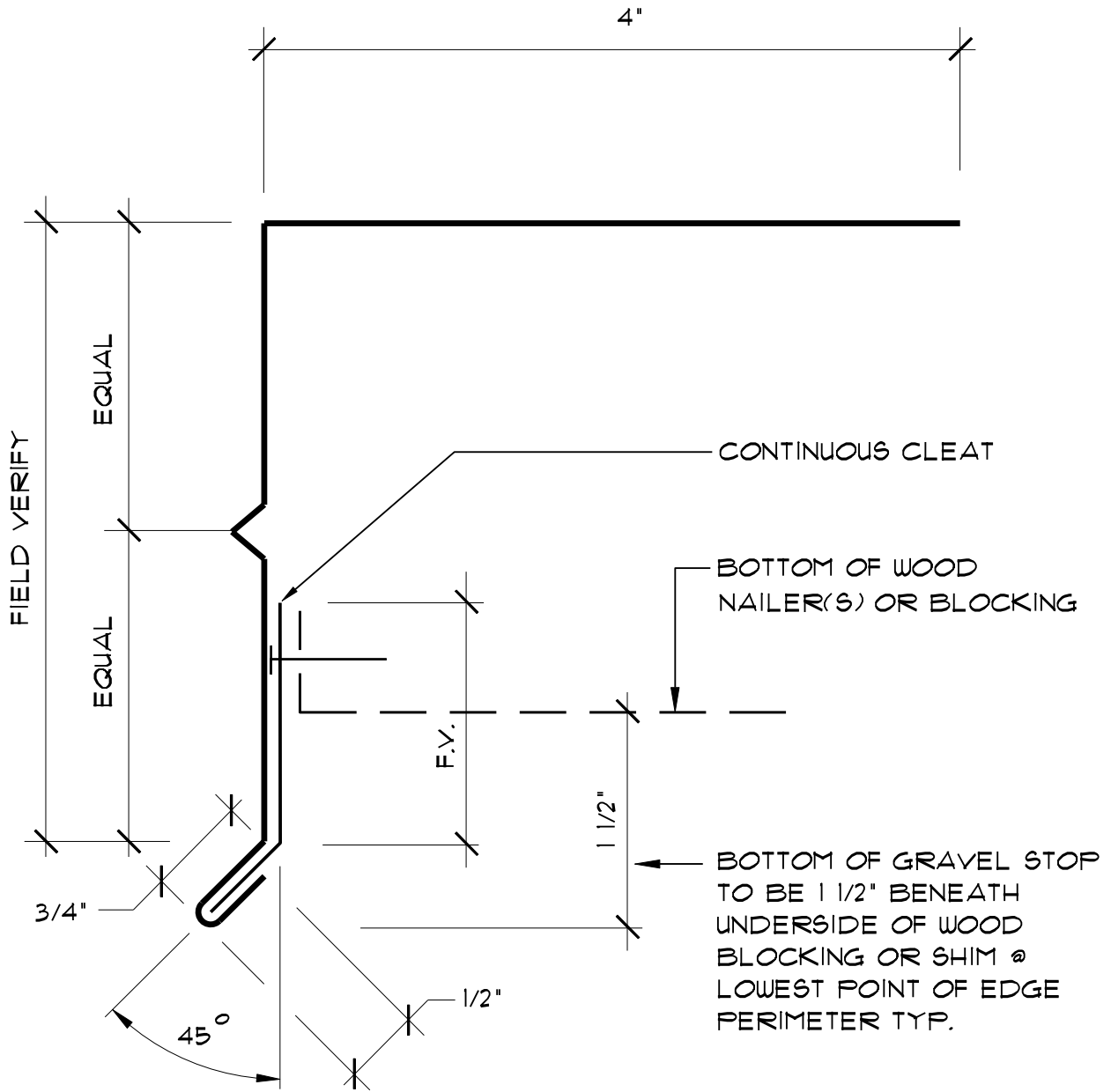


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TITLE OVERLAP SPLICE JOINT FOR SLOPED / GABLE EDGE

SCALE N.T.S.

NO.  
**H.108**



**NOTES:**

1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED



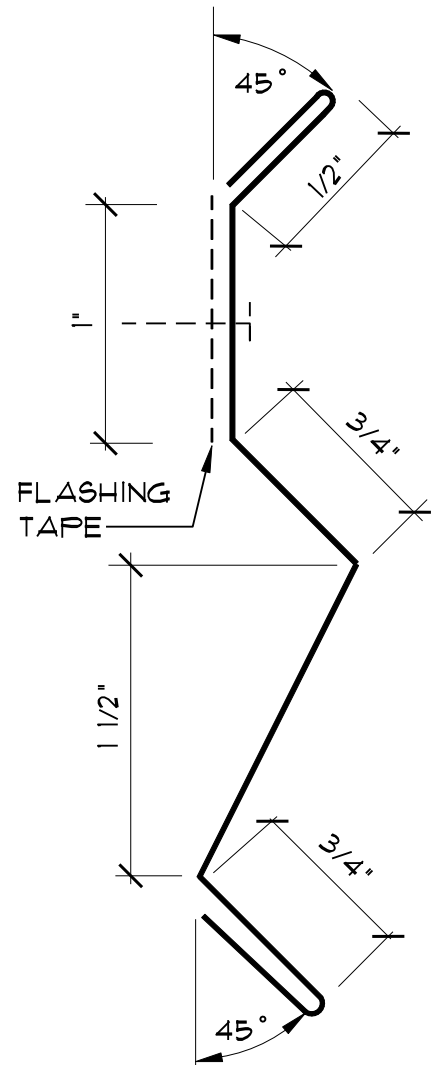
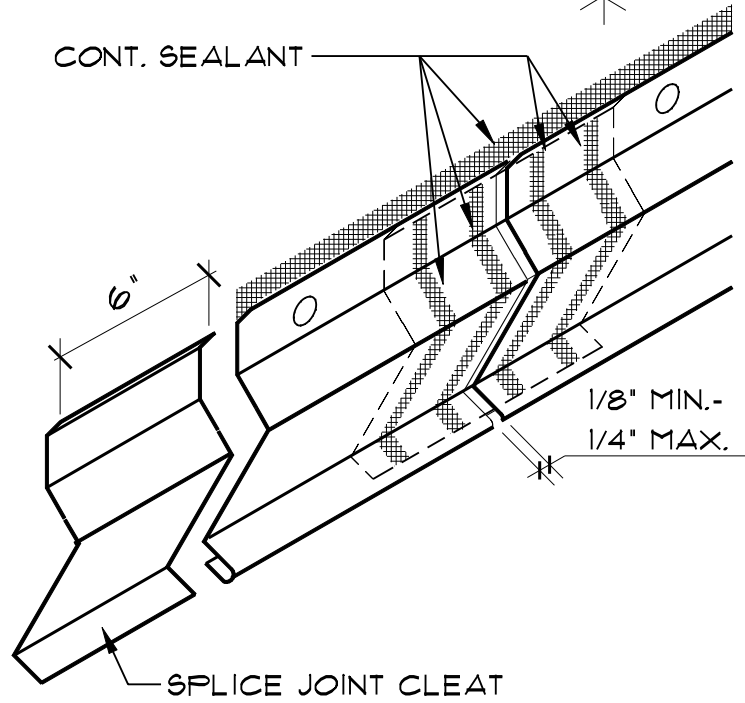
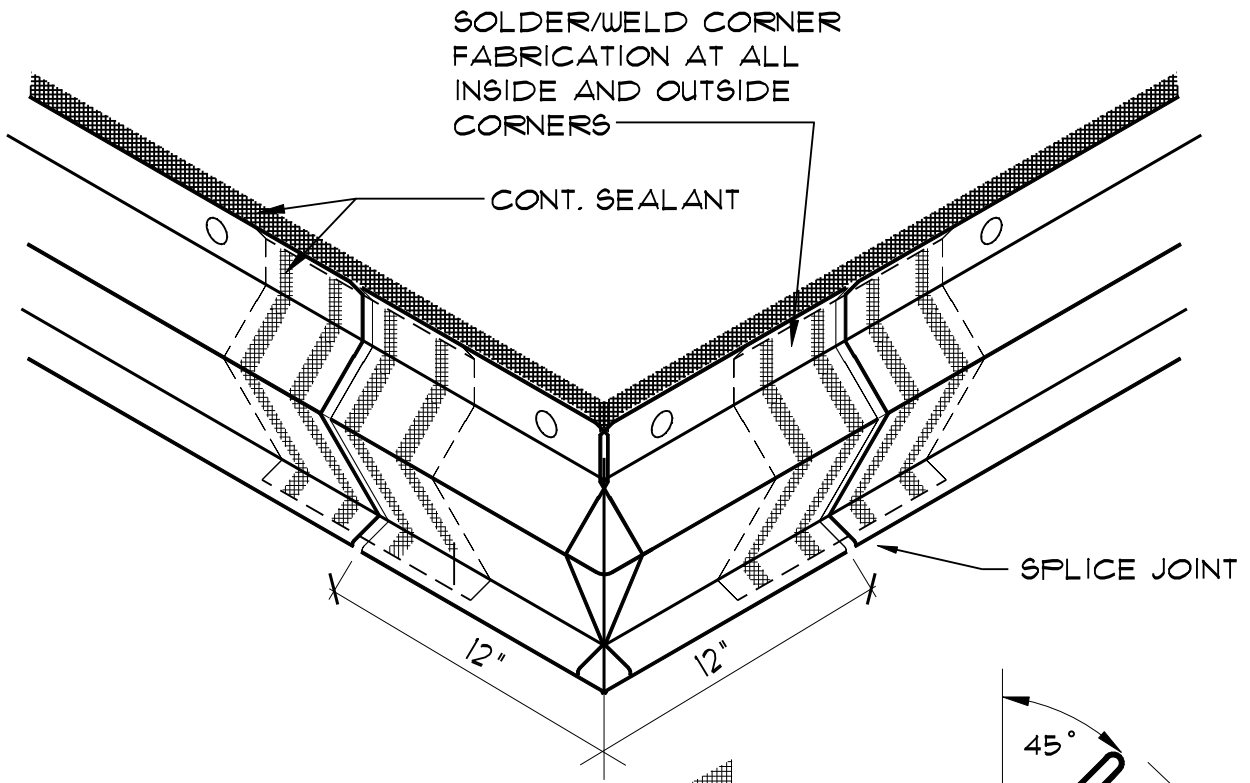
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TITLE EDGE METAL FABRICATION

SCALE N.T.S.





**NOTES:**

1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
2. FASTEN @ 8" O.C. USE METAL BACKED NEOPRENE WASHERS BEHIND FASTENER HEADS
3. CLOSURE PIECE AT END CONDITION



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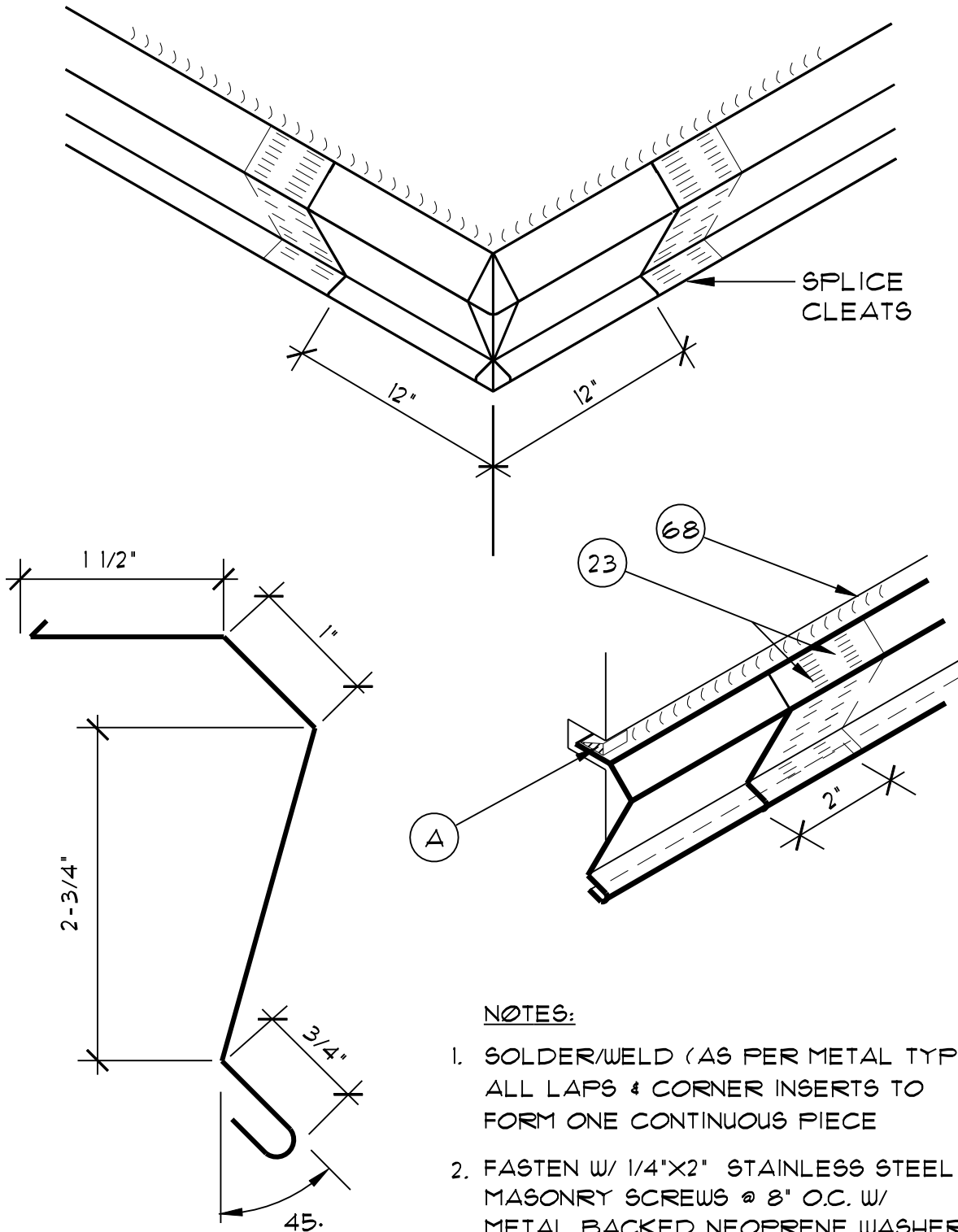
601 NORTH FERN CREEK AVENUE SUITE 100  
ORLANDO, FLORIDA 32803-4899  
TEL. (407)896-7875 FAX. (407)898-6043

TITLE SURFACE MOUNTED  
COUNTERFLASHING

SCALE N.T.S.







**NOTES:**

1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
2. FASTEN W/ 1/4"X2" STAINLESS STEEL MASONRY SCREWS @ 8" O.C. W/ METAL BACKED NEOPRENE WASHERS
3. CLOSURE PIECE AT END CONDITION

23. SEALANT

68. CONTINUOUS SEALANT

A. LEAD WEDGE 12" O.C.



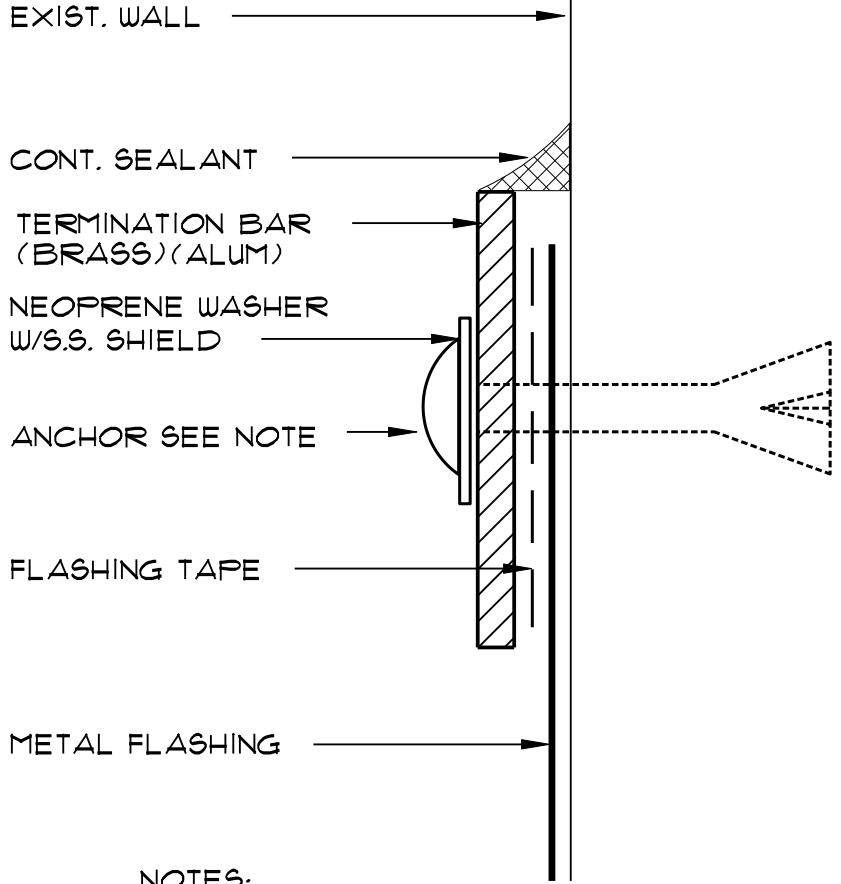
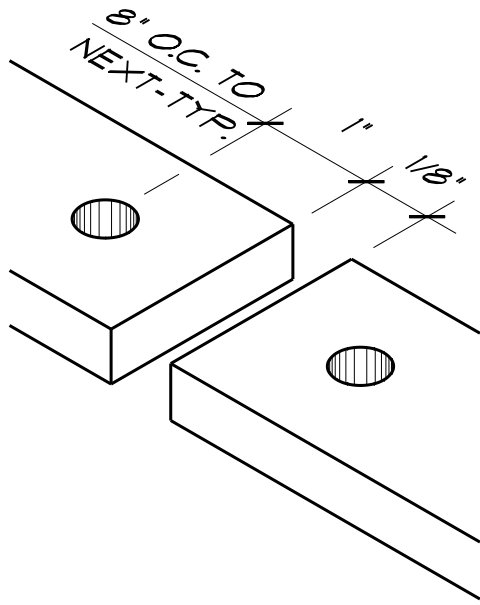
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TITLE REGLET FLASHING

SCALE N.T.S.

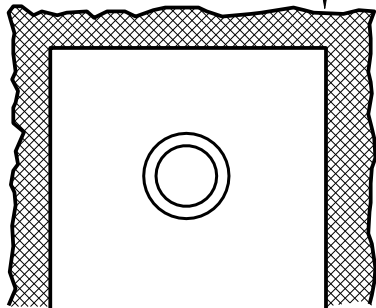




**NOTES:**

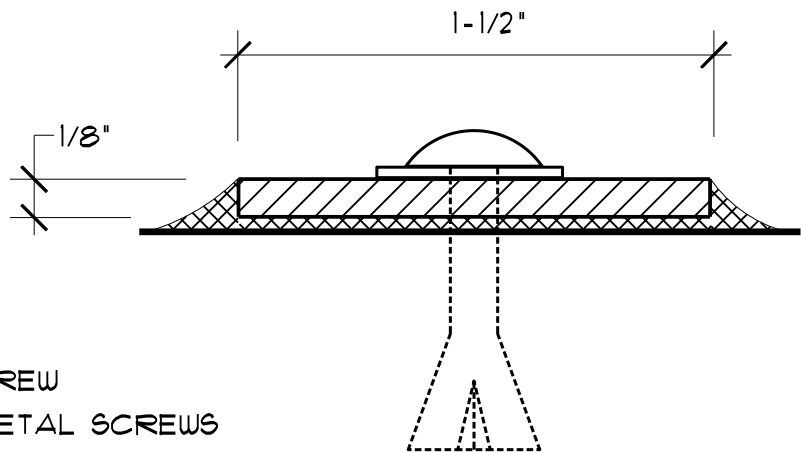
MIN. OF 2 FASTENERS PER PIECE OF BAR.

WHEN BARS ARE IN FLAT POSITION OR OVER MET., SET IN FULL BED OF SEALANT.



**NOTES:**

1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED



**ANCHORS:**

WOOD: 3/4" No.10 WOOD SCREW

METAL: 1/2" No. 10 S.S. SHT. METAL SCREWS

CONC. BLK. & CONC.: 1/4" DRIVE PIN OF SUFFICIENT LENGTH TO IMBED 1" MIN.

BRICK: 3/16" X 2-1/4" TAPCONS WITH METAL BACKED NEOPRENE WASHERS.



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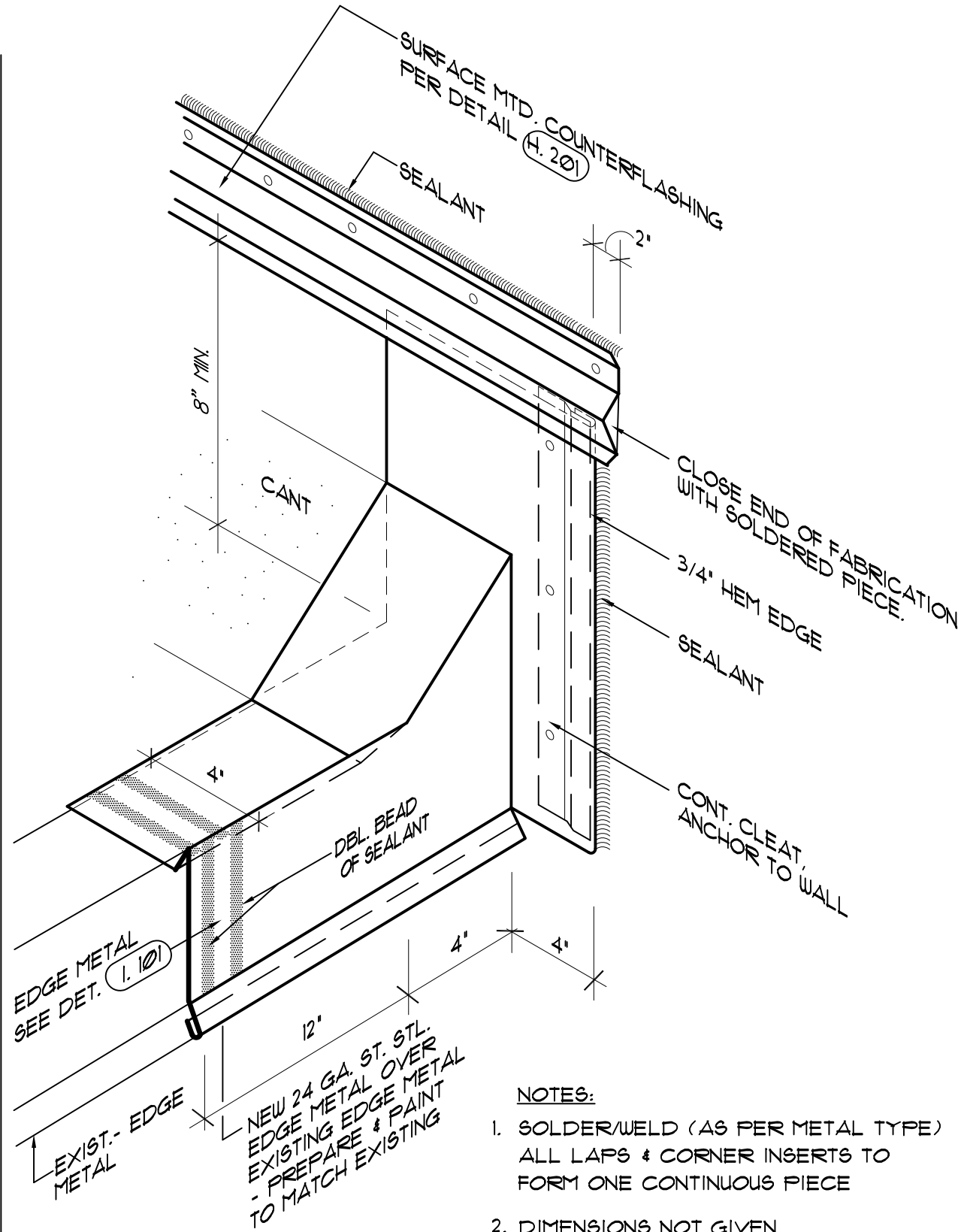
601 NORTH FERN CREEK AVENUE SUITE 100  
ORLANDO, FLORIDA 32803-4899  
TEL. (407)896-7875 FAX. (407)898-6043

TITLE TERMINATION BAR

SCALE N.T.S.







NOTES:

- 1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
- 2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED
- 3. GUTTER NOT SHOWN FOR CLARITY



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TITLE EDGE METAL TRANSITION FABRICATION

SCALE N.T.S.

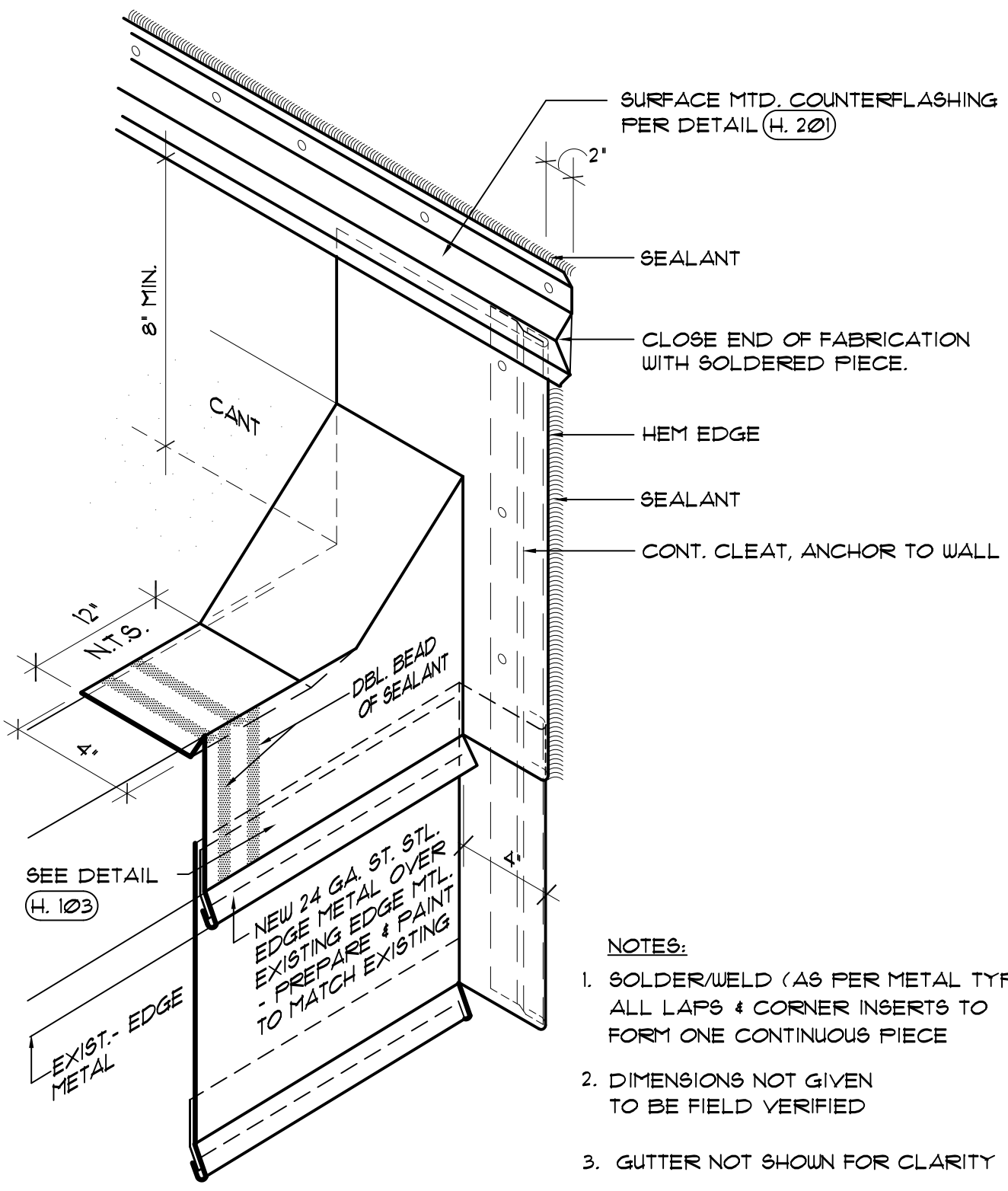


ACAD FILE # 15036H206

DATE: ..

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 15036.00



SEE DETAIL (H. 103)

NEW 24 GA. ST. STL. EDGE METAL OVER EXISTING EDGE MTL. - PREPARE & PAINT TO MATCH EXISTING

NOTES:

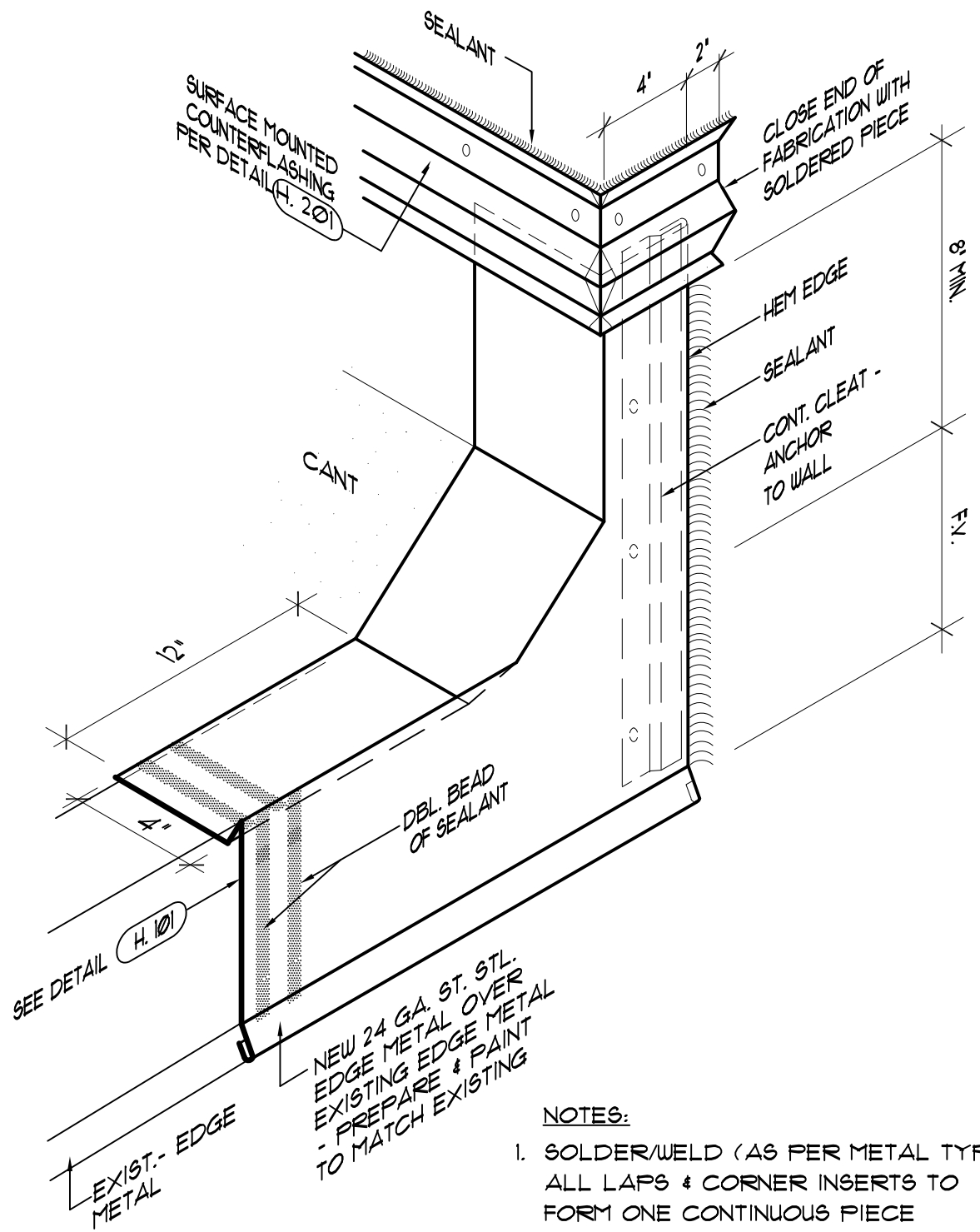
- 1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
- 2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED
- 3. GUTTER NOT SHOWN FOR CLARITY



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TITLE **EDGE METAL TERMINATION AT WALL FABRICATION**  
 SCALE **N.T.S.**





**NOTES:**

- 1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
- 2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED



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TITLE DRIP METAL / EXP. JOINT  
 TRANSITION FABRICATION

SCALE N.T.S.

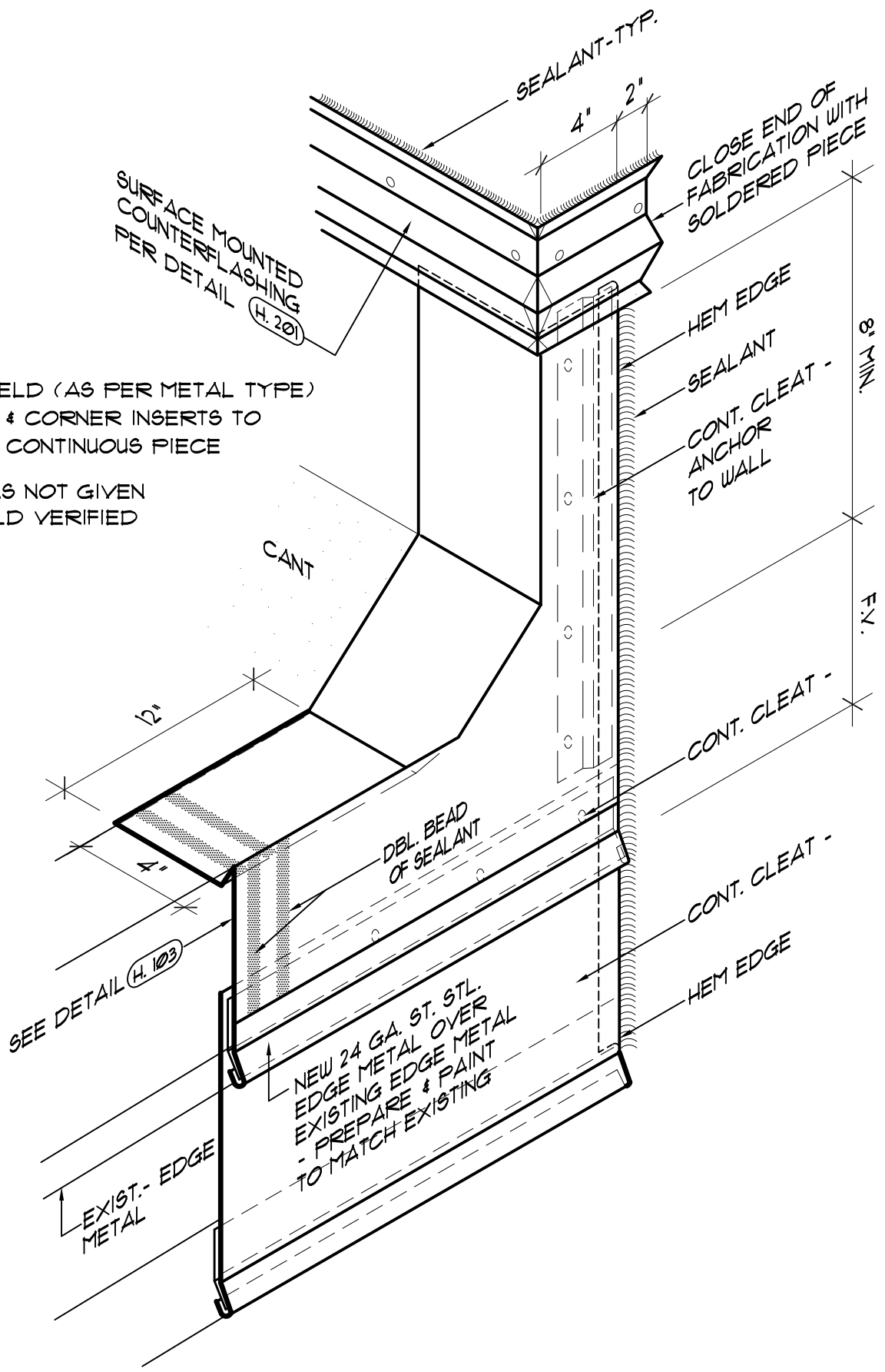


ACAD FILE # 15036H208

DATE: ..

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 15036.00



**NOTES:**

1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED



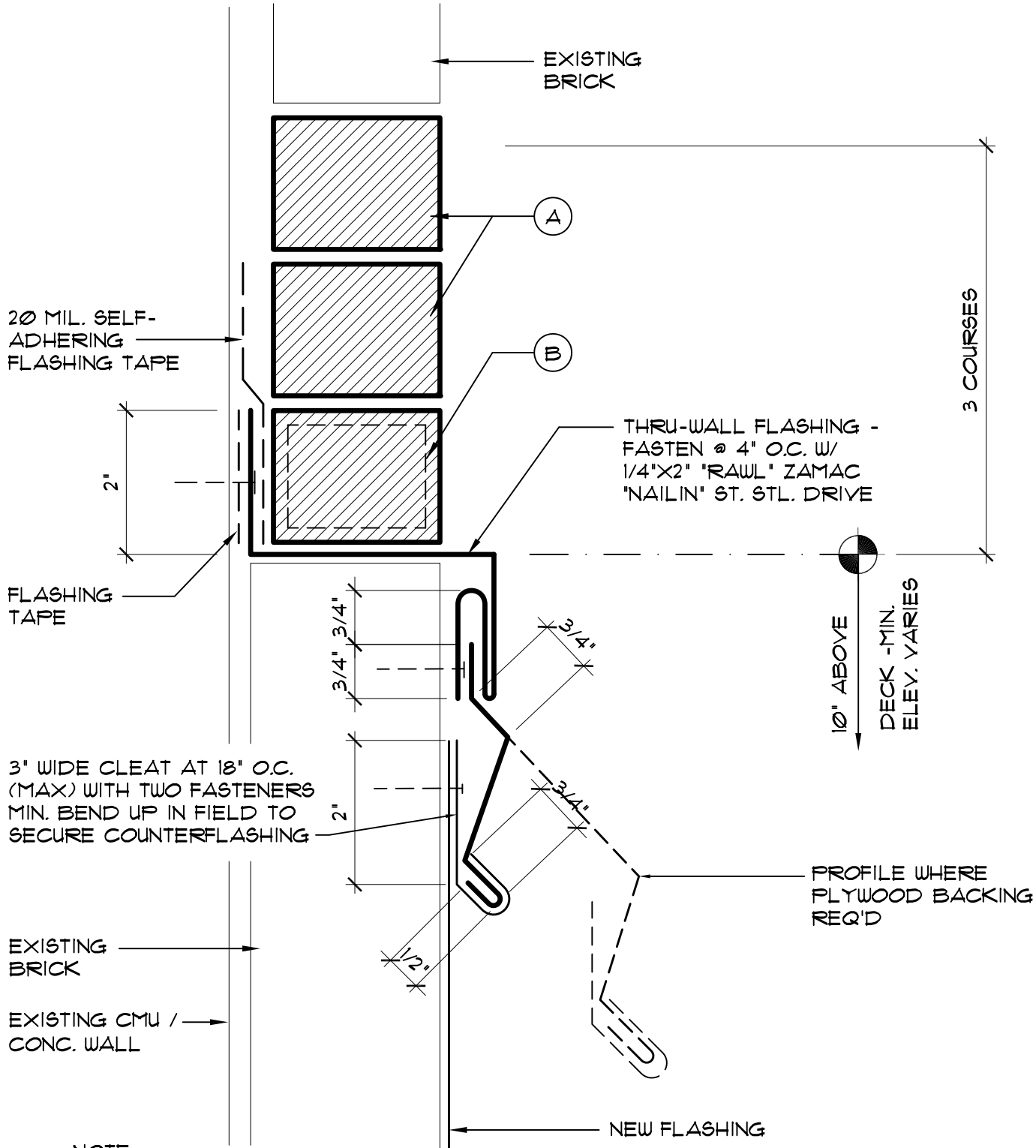
**A/R/C Associates Incorporated**

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 ORLANDO, FLORIDA 32803-4899  
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TITLE EDGE METAL TERMINATION @  
 WALL CORNER FABRICATION

SCALE N.T.S.

NO.
H.208



**NOTE:**

1. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS NOT SHOWN
2. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
3. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED

- A. NEW BRICK TO MATCH EXISTING
- B. PRE-FAB WEEPHOLE (TYP. AT 2'-0" O.C.)



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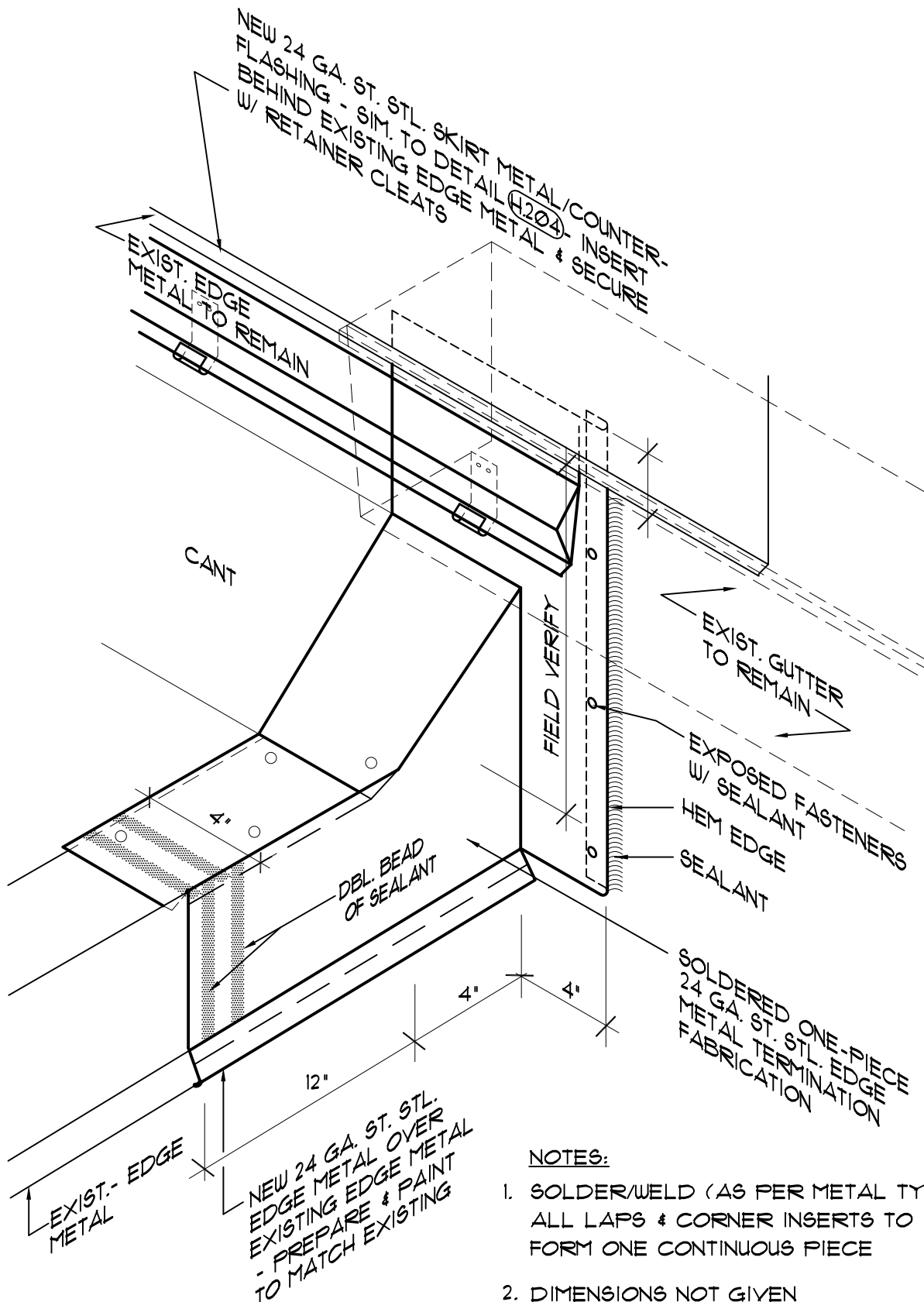
601 NORTH FERN CREEK AVENUE SUITE 100  
 ORLANDO, FLORIDA 32803-4899  
 TEL. (407)896-7875 FAX (407)898-6043

TITLE TWO-PIECE THRU-WALL FLASHING

SCALE 3" = 1'-0"







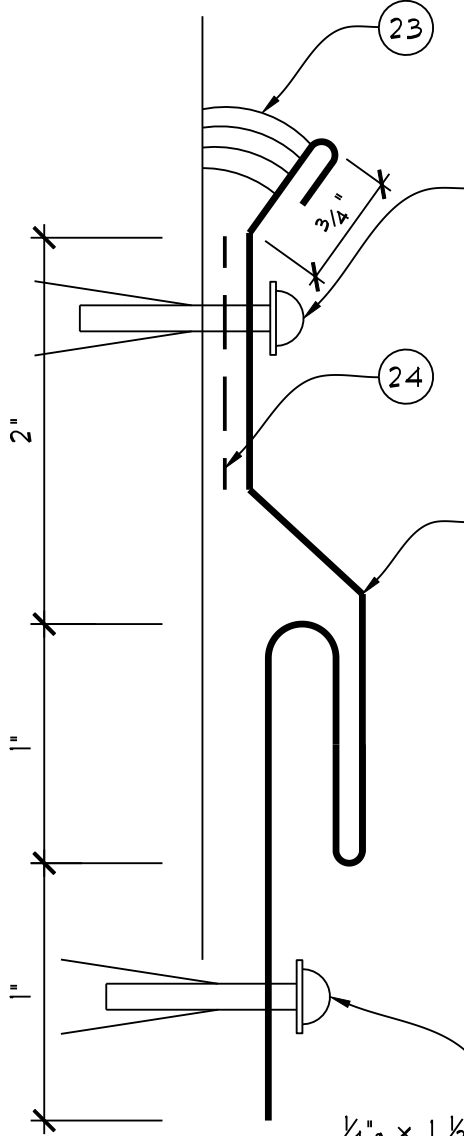
- NOTES:**
1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
  2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED
  3. GUTTER NOT SHOWN FOR CLARITY



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TITLE EDGE METAL TRANSITION FABRICATION AT CORNER  
SCALE N.T.S.

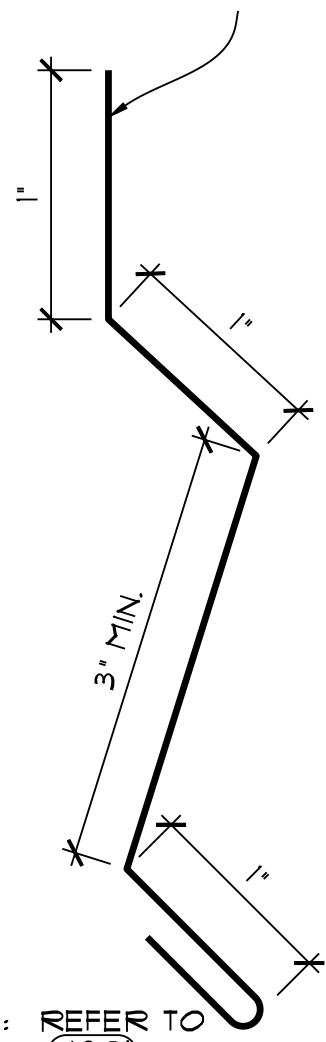




1/4" x 1 1/2" ZAMAC  
'NAIL-IN' DRIVE PIN  
FASTENERS (ST. STL.  
PIN) AT 8" O.C. MAX

CONT. 24 GAGE ST. STL.  
C.F. RECEIVER

CONT. 24 GAGE ST. STL.  
COUNTERFLASHING-SEE  
DETAIL (H.201) FOR  
FABRICATION DETAILS



- 23. SEALANT
- 24. BUTYL FLASHING TAPE

1/4" x 1 1/2" ZAMAC  
'NAIL-IN' DRIVE PIN  
FASTENERS (ST. STL.  
PIN) AT 8" O.C. MAX

BEND UP IN  
FIELD TO  
SECURE C.F.

2- 1/4" x 1 1/2" ZAMAC  
'NAIL-IN' DRIVE PIN  
FASTENERS (ST. STL.  
PIN) AT 8" O.C. MAX  
PER CLEAT

3" WIDE ST. STL.  
RETAINER  
CLEAT @ 18" O.C.

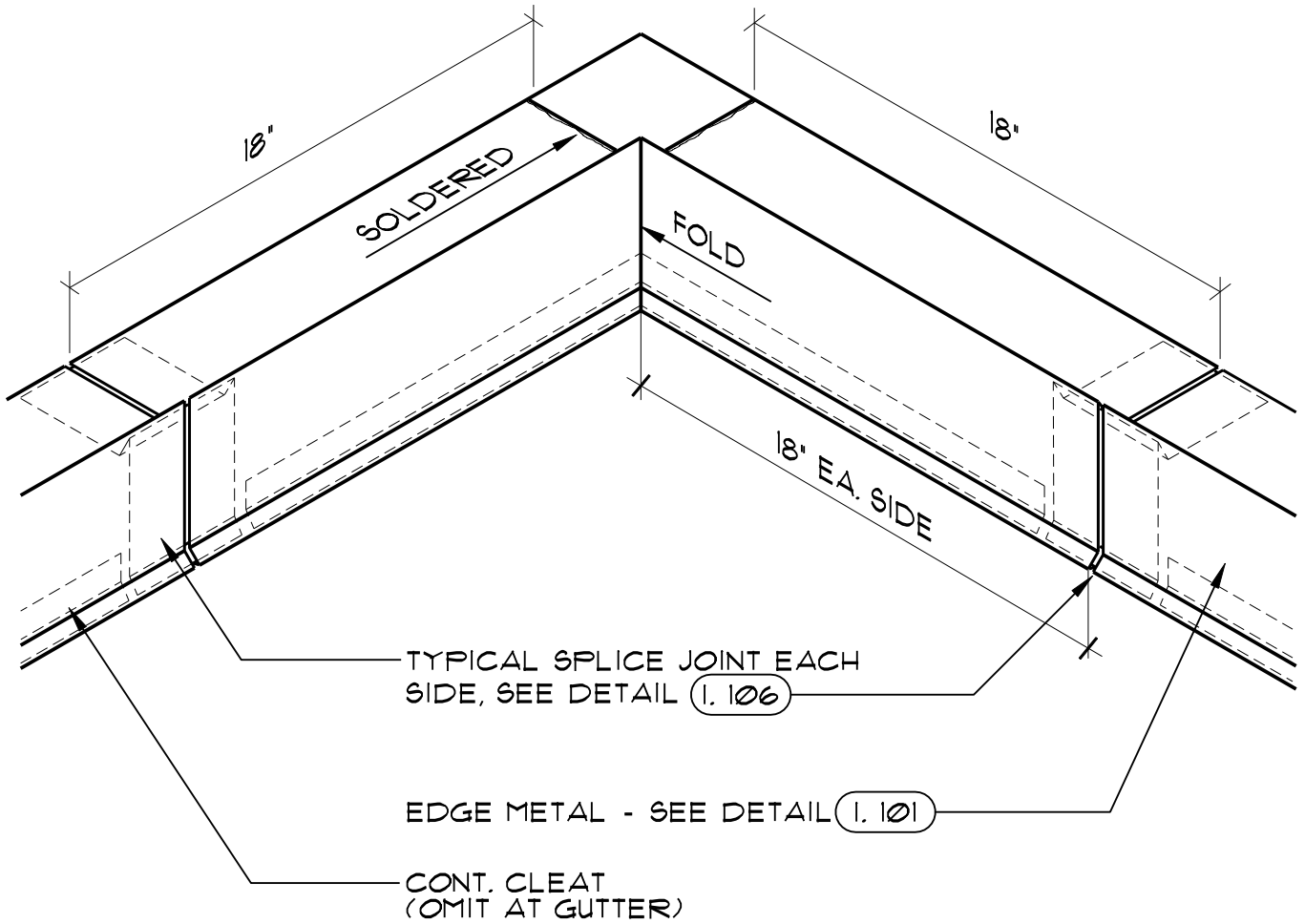
NOTE: REFER TO  
DETAIL (H.201)  
FOR CORNER  
FABRICATION  
CONDITIONS



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TITLE TYP. SURFACE MTD. RECEIVER  
& COUNTERFLASHING DETAIL  
SCALE 3" = 1'-0"





NOTES:

1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED
3. PROVIDE CONTINUOUS CLEAT AT UPPER  
EDGE METAL IF FACE HEIGHT EXCEEDS 3"



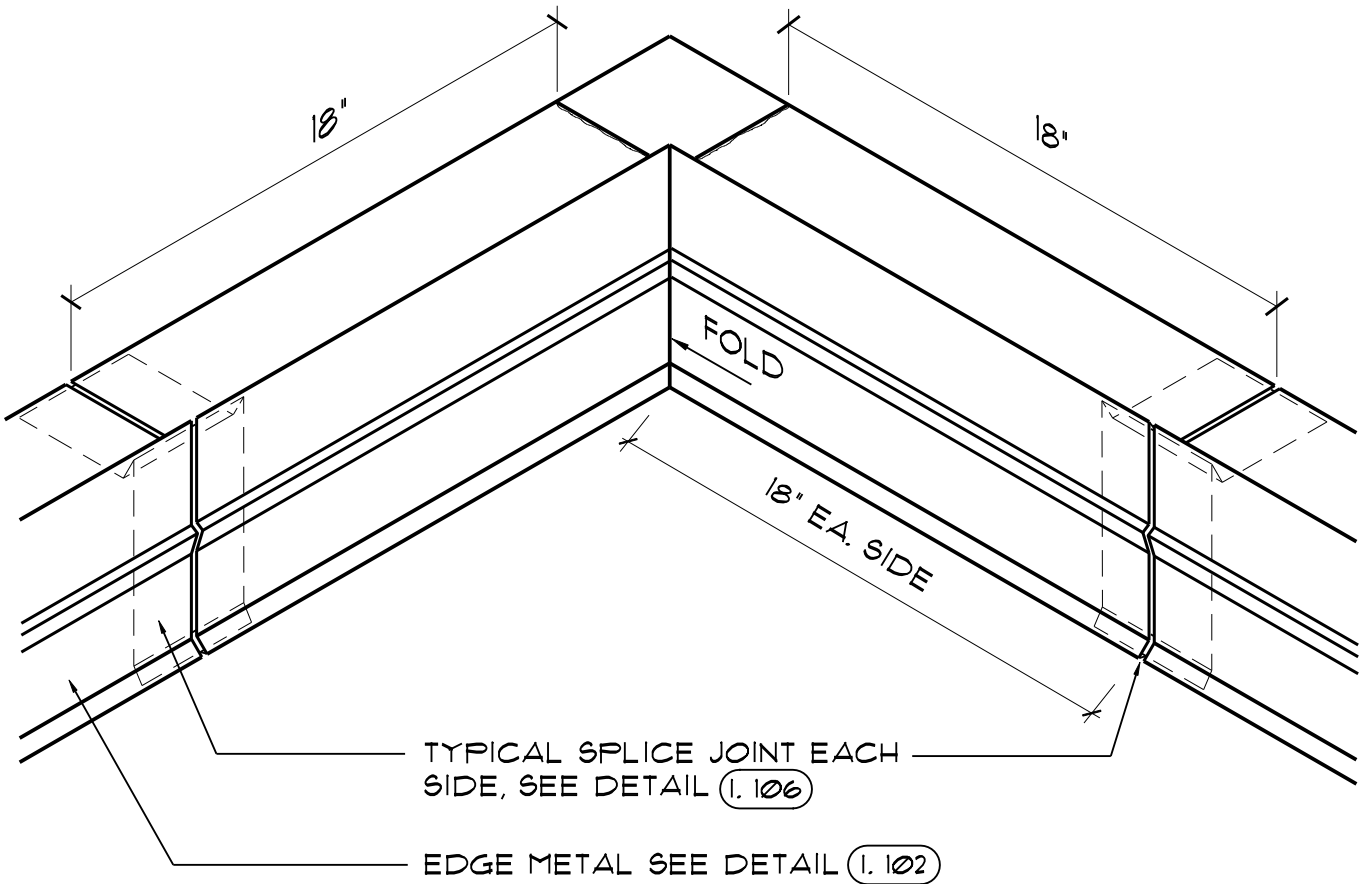
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TITLE EDGE METAL  
INSIDE CORNER

SCALE N.T.S.





NOTES:

1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED



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TITLE INSIDE CORNER  
FABRICATION

SCALE N.T.S.

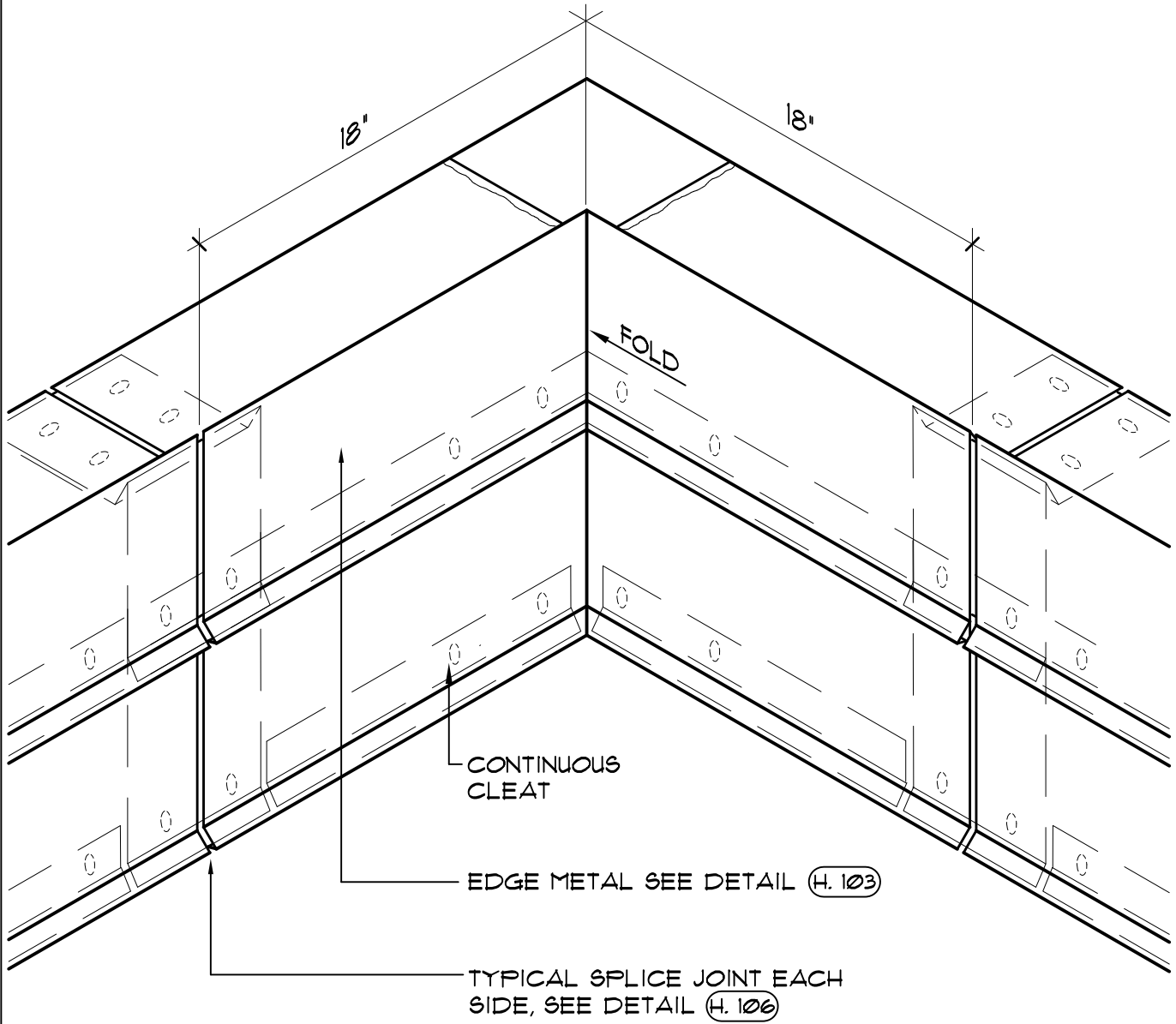


ACAD FILE # 15036H303

DATE: . . .

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 15036.00



**NOTES:**

1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED
3. PROVIDE CONTINUOUS CLEAT AT UPPER EDGE  
METAL IF FACE HEIGHT EXCEEDS 3"



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TITLE DOUBLE EDGE METAL INSIDE  
 CORNER FABRICATION

SCALE N.T.S.

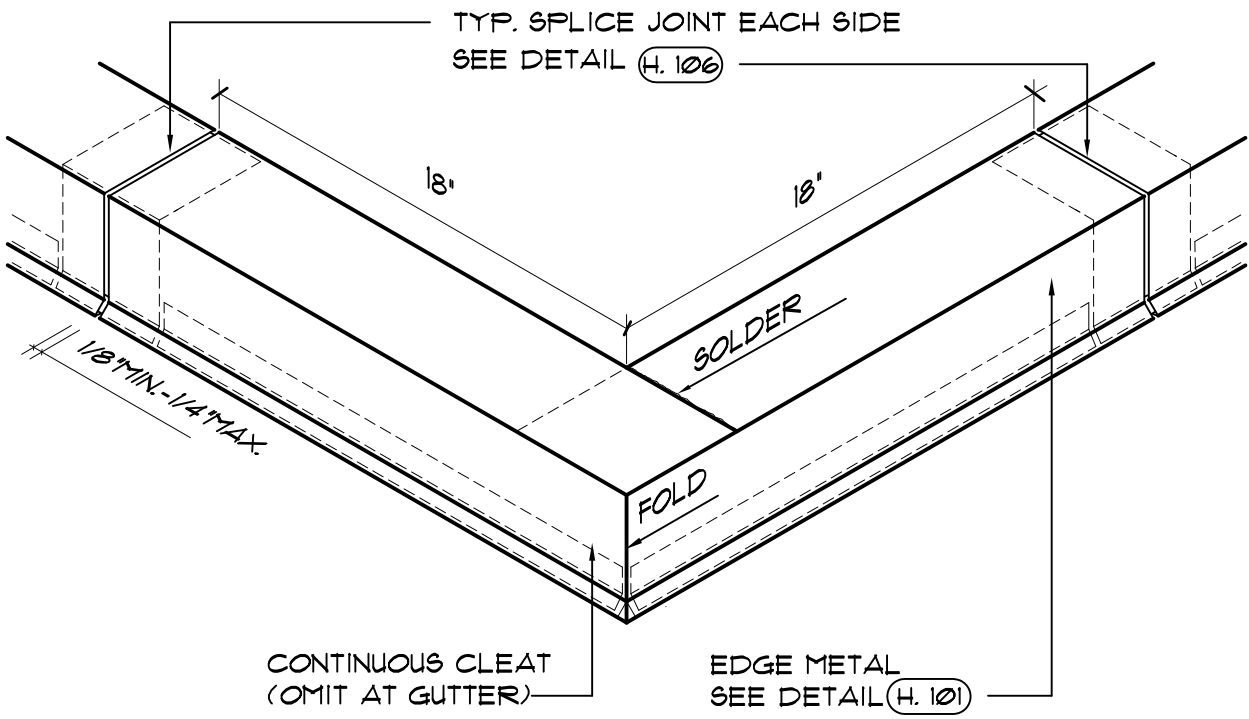


ACAD FILE # 15036H304

CATALOG #

PLOT SCALE : 3"=1'

PROJECT NUMBER: 15036.00



NOTES:

1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED

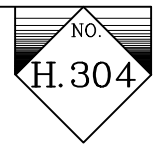


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TITLE EDGE METAL  
OUTSIDE CORNER

SCALE N.T.S.

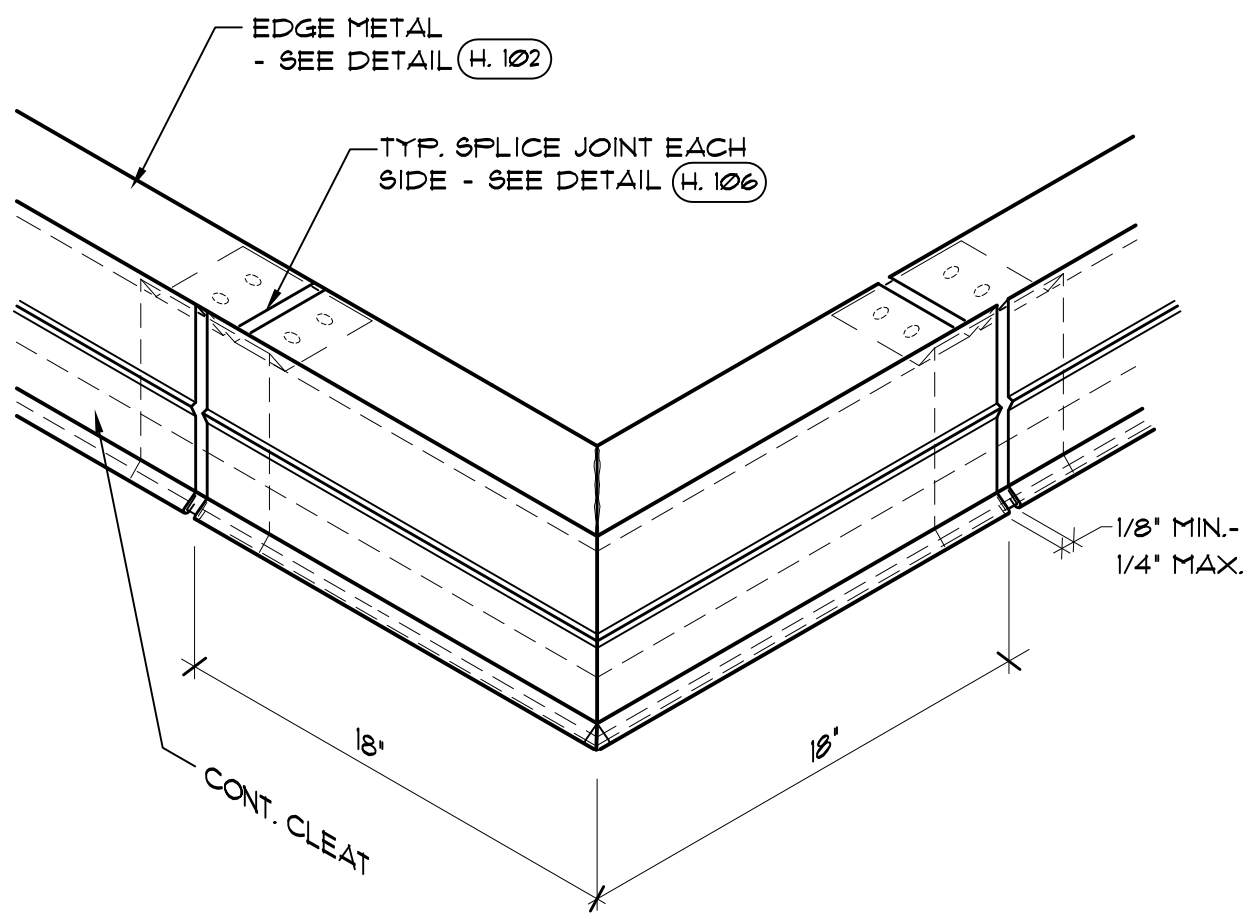


ACAD FILE # 15036H305

DATE: ..

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 15036.00



NOTES:

1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED



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TITLE OUTSIDE CORNER  
FABRICATION

SCALE N.T.S.

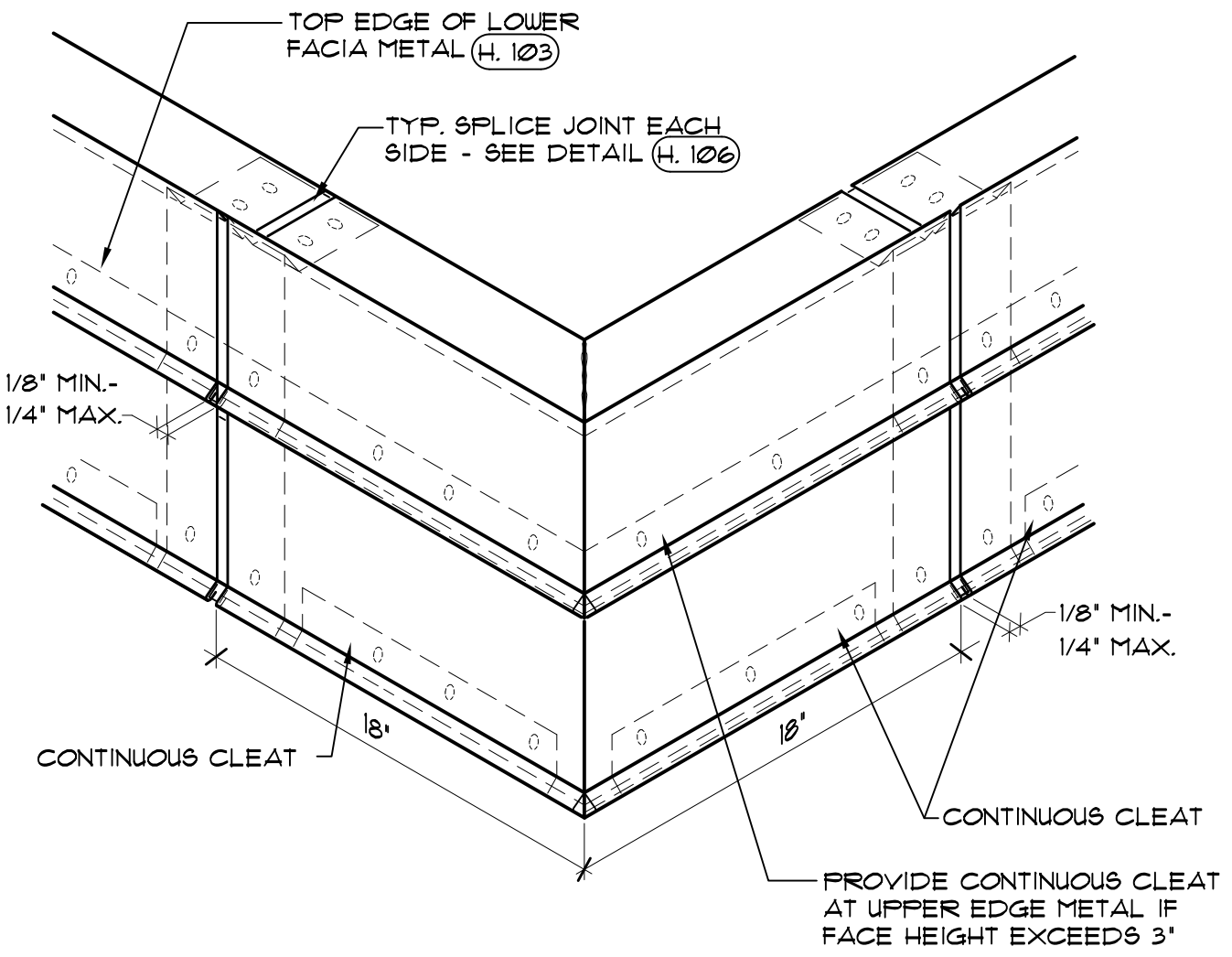


ACAD FILE # 15036H306

DATE: . . .

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 15036.00



**NOTES:**

- 1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
- 2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED



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TITLE TWO PIECE OUTSIDE  
 CORNER FABRICATION

SCALE N.T.S.





ACAD FILE # 15036H307

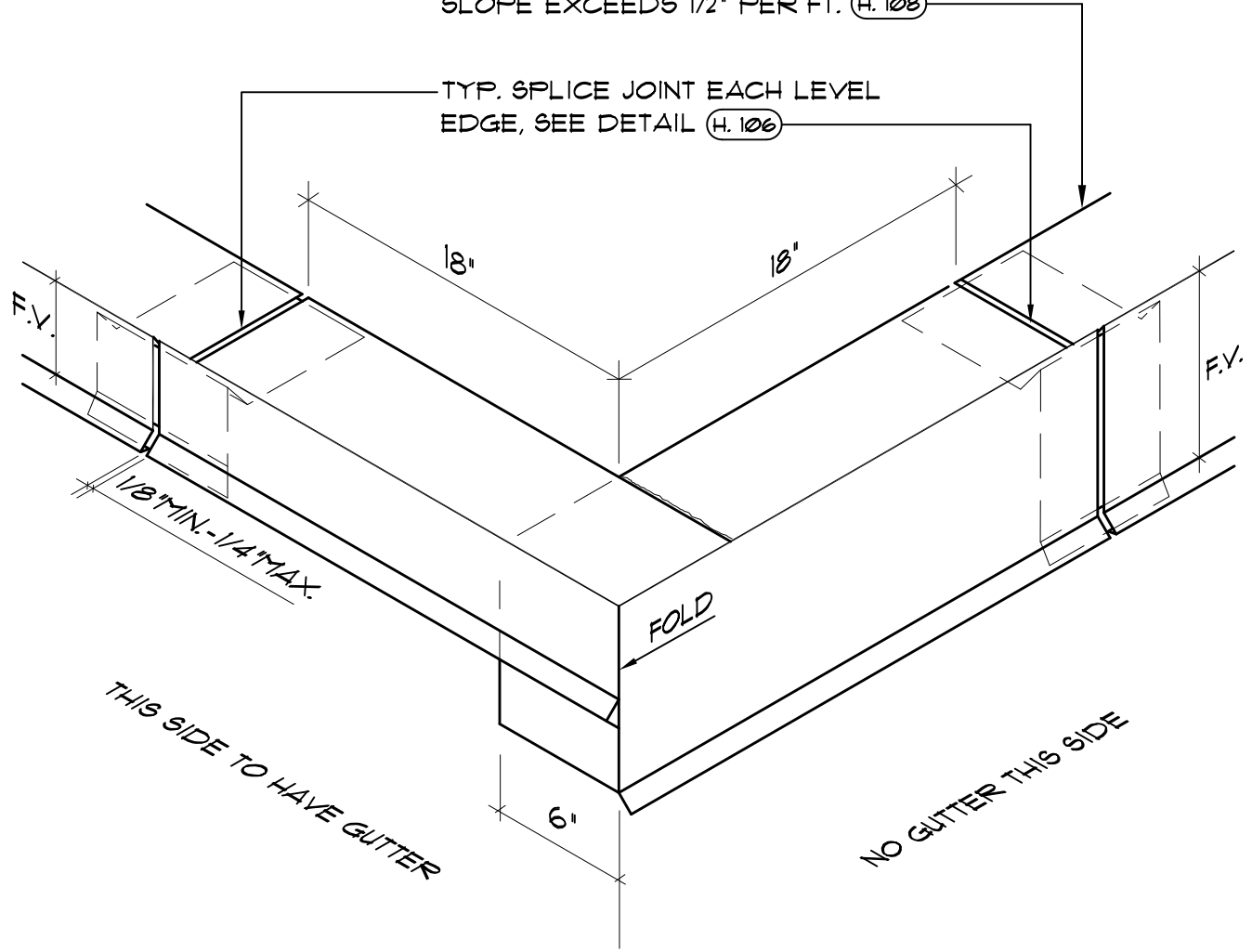
DATE: ..

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 15036.00

NOTE: USE OVERLAP JOINT IF ROOF SLOPE EXCEEDS 1/2" PER FT. (H. 108)

TYP. SPLICE JOINT EACH LEVEL EDGE, SEE DETAIL (H. 106)



**NOTES:**

1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED

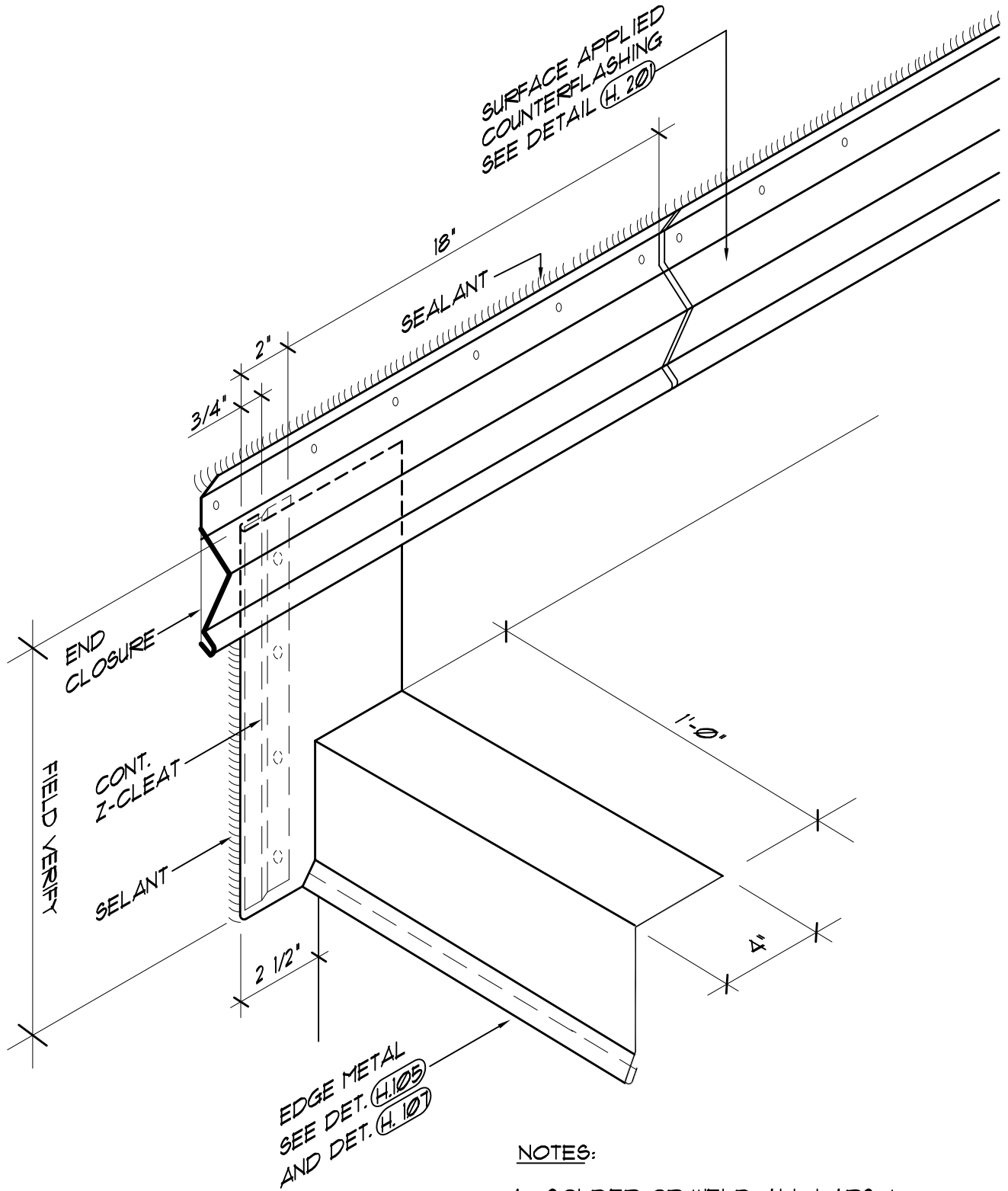


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TITLE **OUTSIDE CORNER EDGE METAL**  
 (GUTTER AT ONE SIDE ONLY)

SCALE N.T.S.

NO.  
**H. 307**



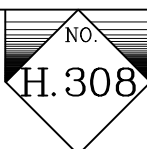
NOTES:

- 1. SOLDER OR WELD ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
- 2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED.



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TITLE WALL FLASHING TRANSITION AT ROOF EDGE  
 SCALE N.T.S.

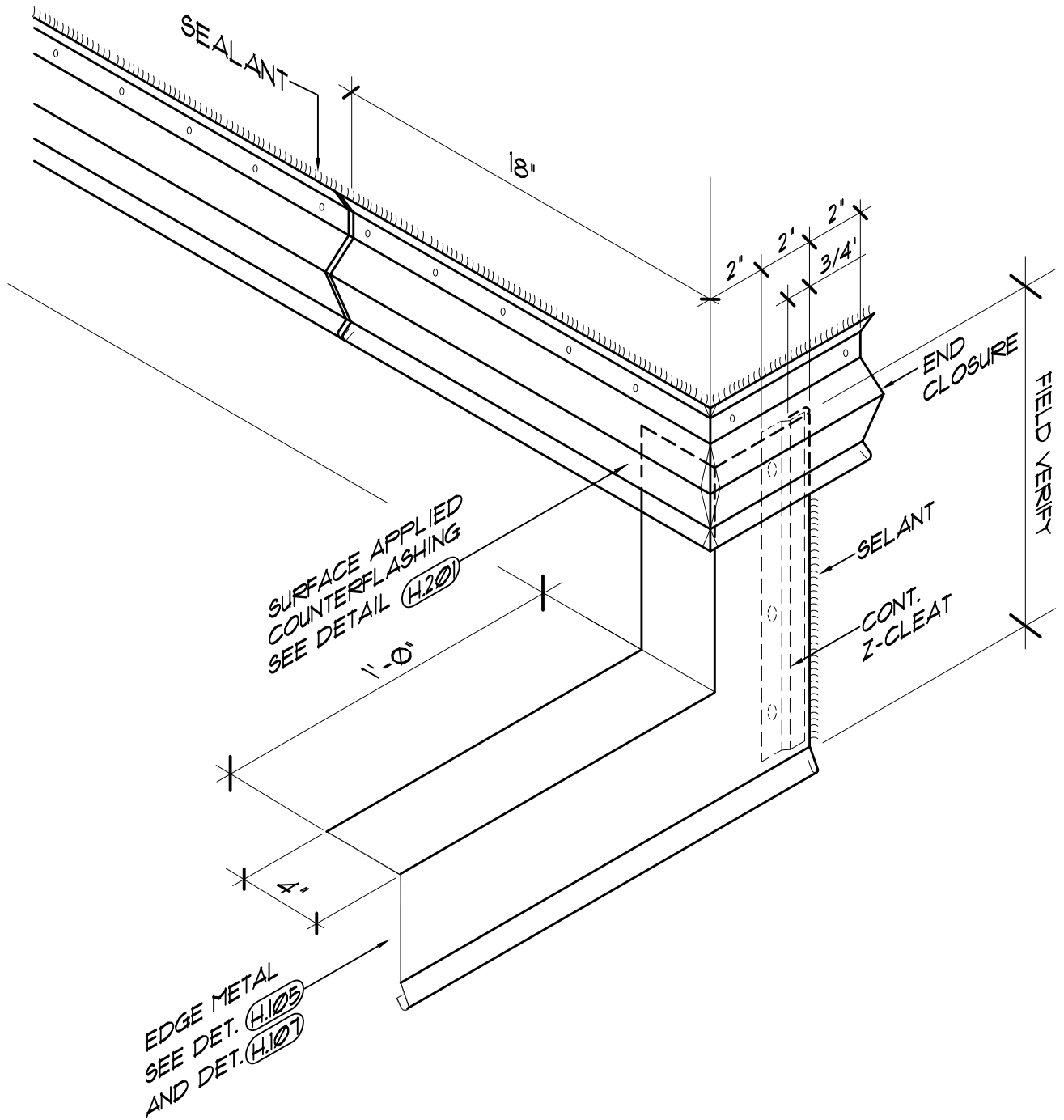


ACAD FILE # 15036H309

CATALOG #

PLOT SCALE : 1=4

PROJECT NUMBER: 15036.00



NOTES:

1. SOLDER OR WELD ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED.



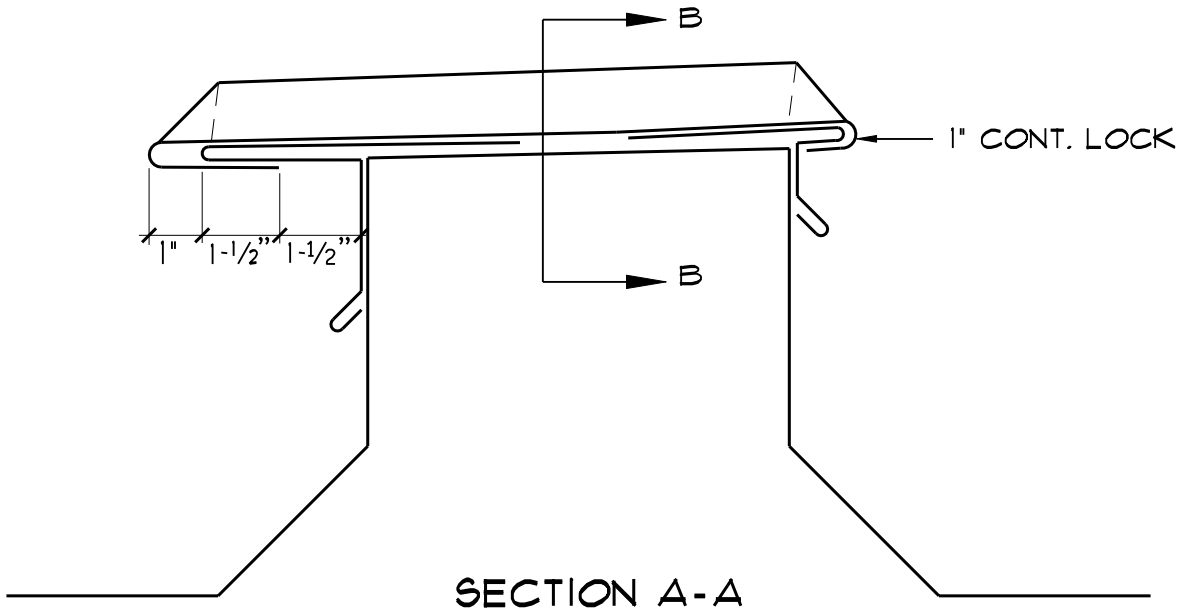
**A/R/C Associates Incorporated**

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ORLANDO, FLORIDA 32803-4899  
TEL. (407)896-7875 FAX (407)898-6043

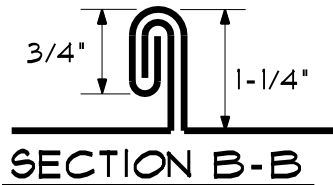
TITLE ROOF EDGE METAL/WALL CORNER FLASHING TRANSITION

SCALE N.T.S.





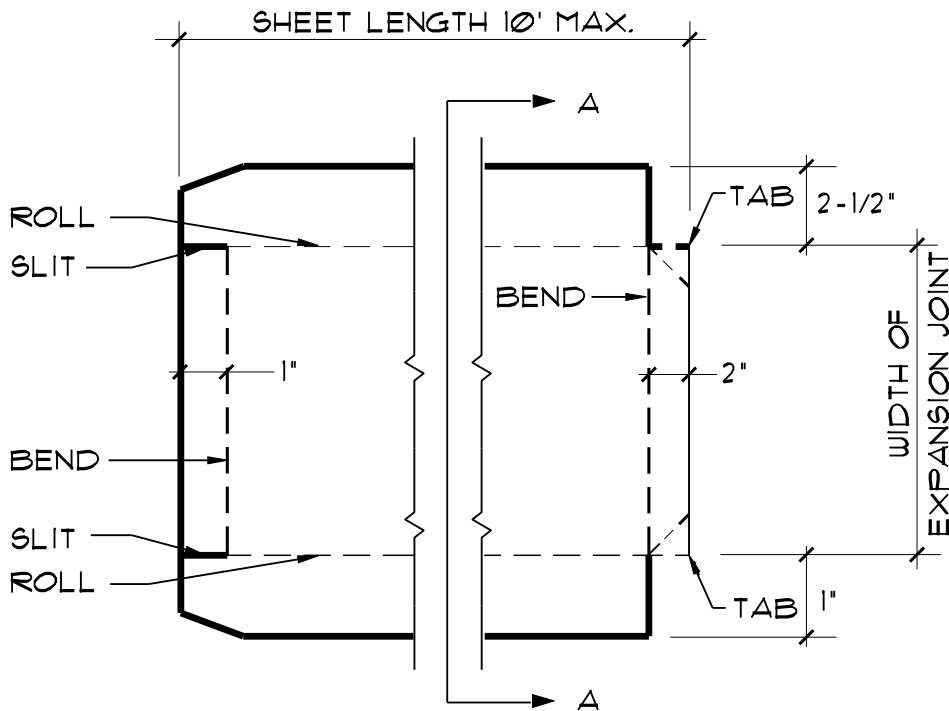
**SECTION A-A**



**SECTION B-B**

**NOTES:**

1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED



**PATTERN FOR STANDING SEAM**



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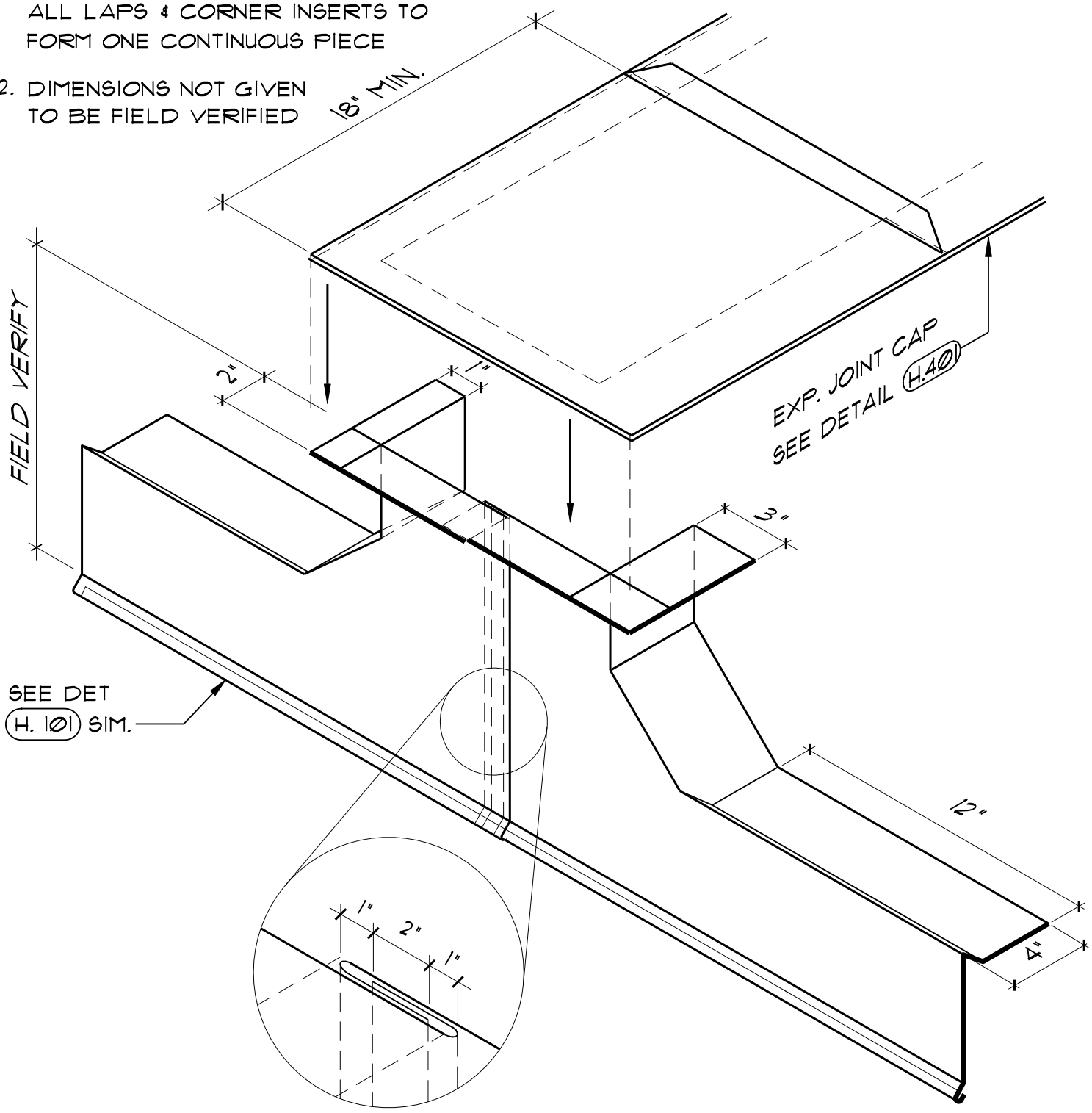
TITLE EXPANSION JOINT CAP FABRICATION

SCALE N.T.S.



**NOTES:**

- 1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
- 2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED

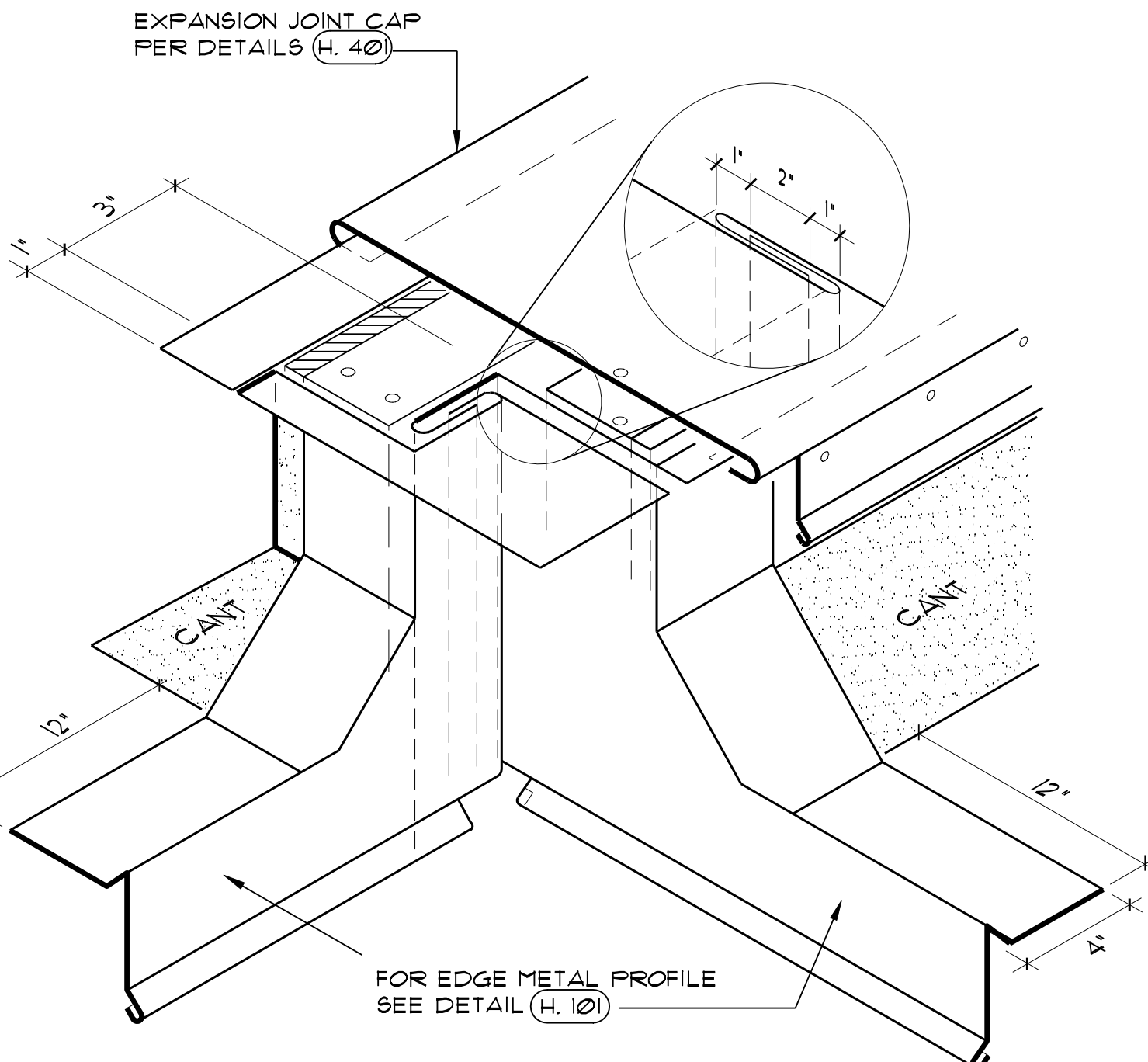


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TITLE EXPANSION JOINT CAP  
 END DETAIL  
SCALE N.T.S.



PROJECT NUMBER: 15036.00 PLOT SCALE: 3" = 1'-0" DATE: ACAD FILE # 15036H403



**NOTES:**

1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED

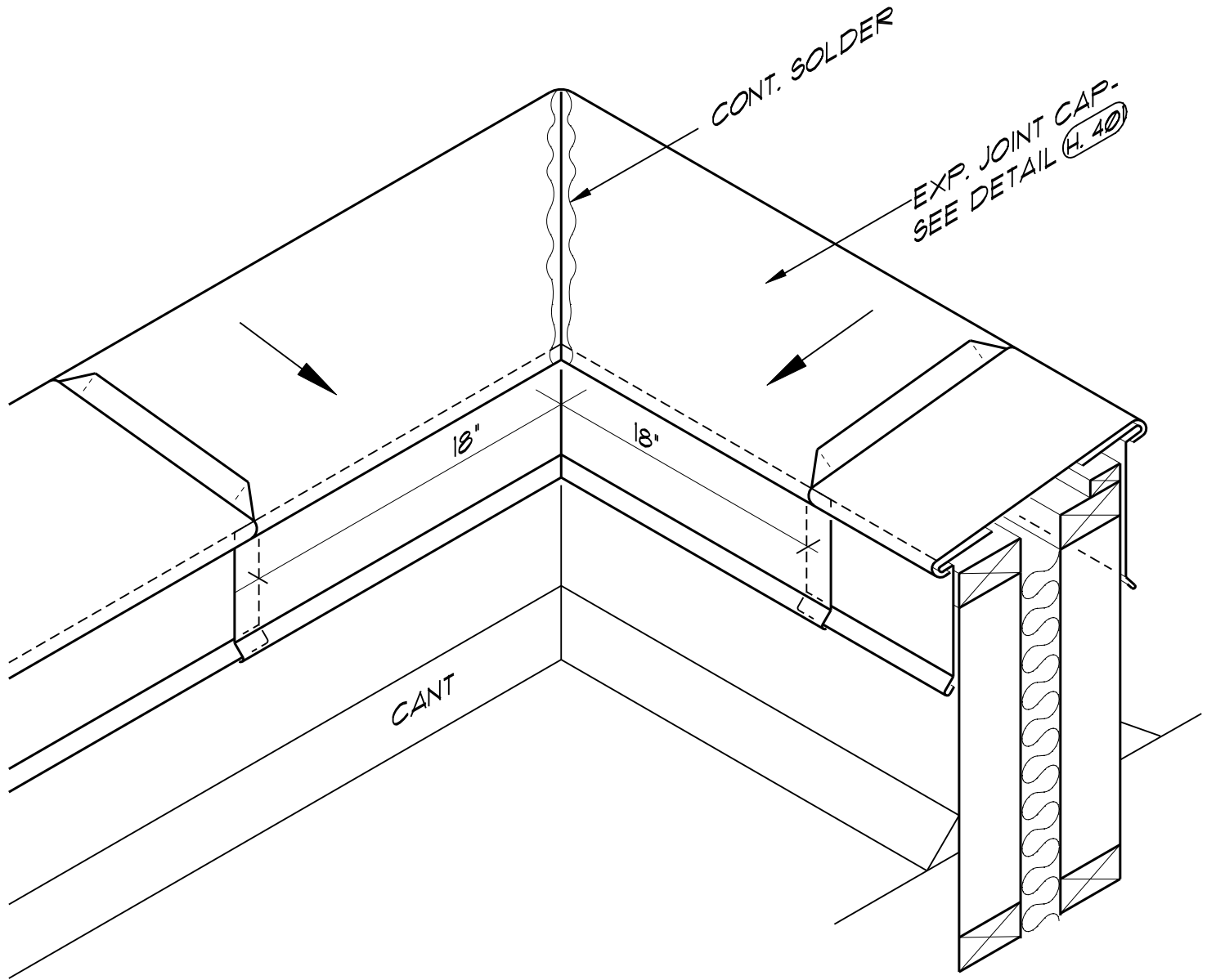


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TITLE EXPANSION JOINT END CAP  
 FABRICATION AT CORNER

SCALE N.T.S.





**NOTES:**

1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED



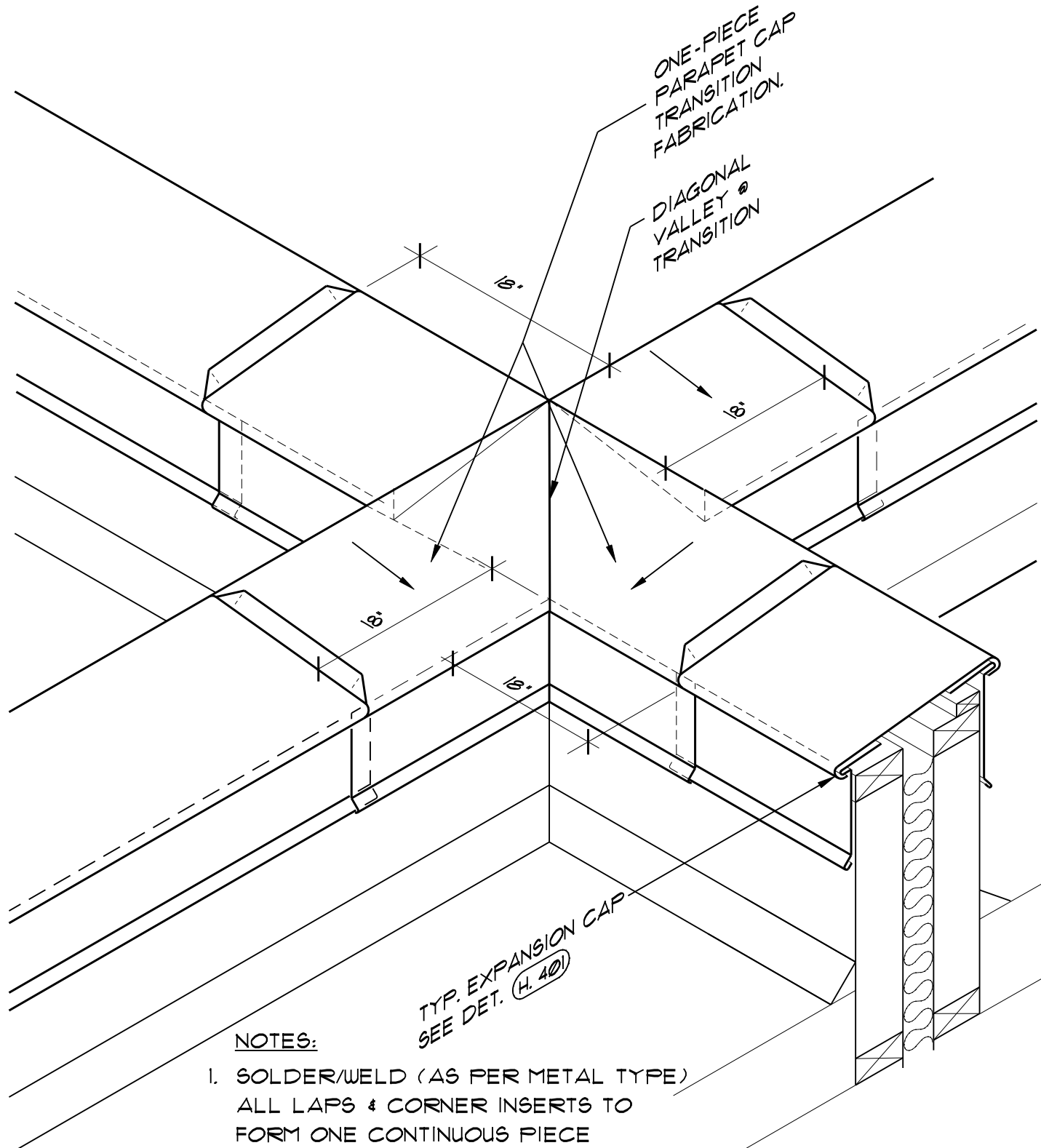
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TITLE EXPANSION JOINT CORNER  
FABRICATION DETAIL

SCALE N.T.S.





**NOTES:**

- 1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
- 2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED

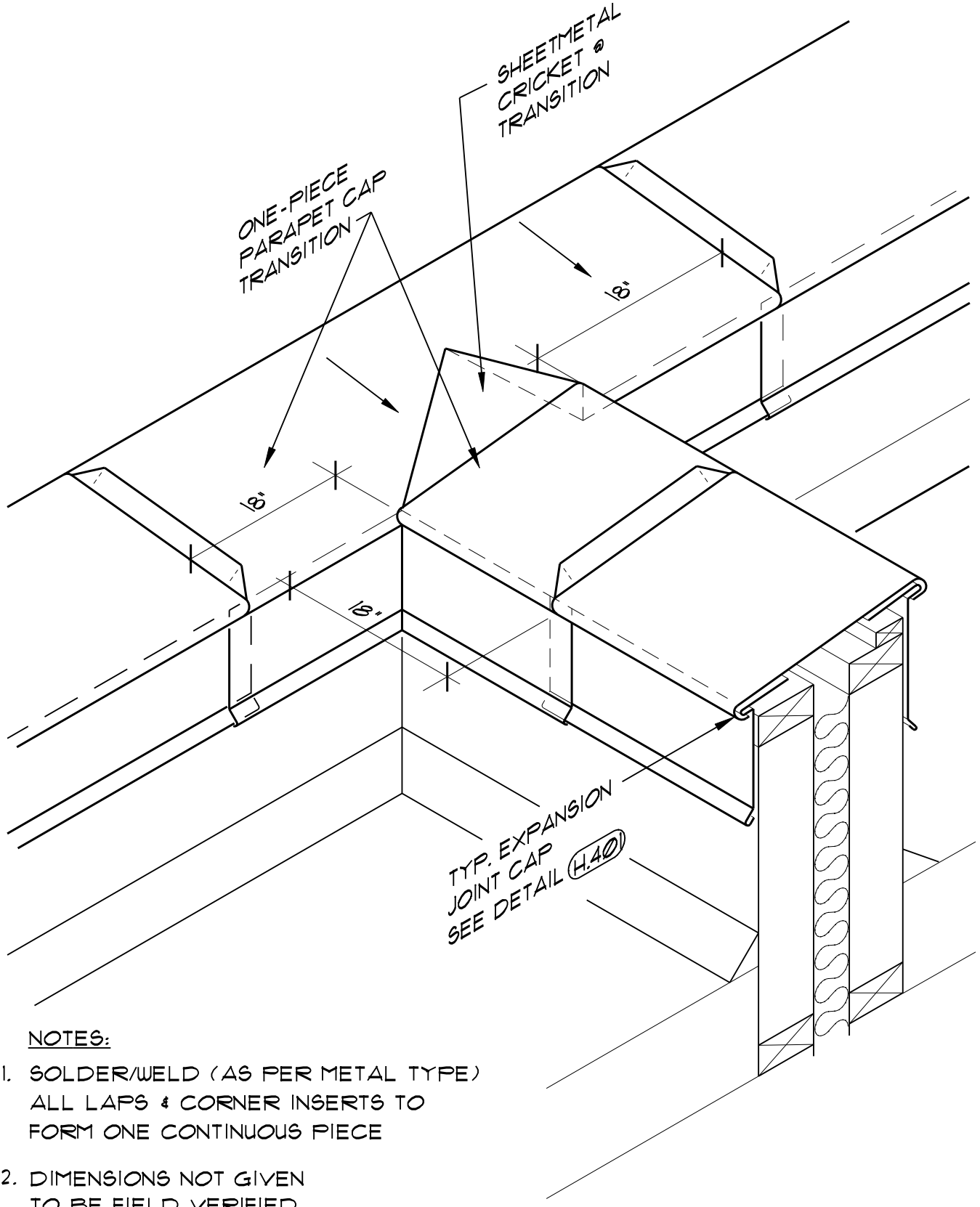


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TITLE **EXPANSION JOINT  
4-WAY INTERSECTION**  
 SCALE N.T.S.







**NOTES:**

- 1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
- 2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED



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TITLE EXPANSION JOINT INTERSECTION  
  
SCALE N.T.S.



EXIST. WALL EXPAN.  
JOINT AT "SIM."

SURFACE APPLIED  
COUNTERFLASHING  
SEE DETAIL (H. 20)

SEALANT

SEALANT

EXPOSED  
FASTENERS  
W/ SEALANT

TYP. EXPANSION  
JOINT CAP  
SEE DETAILS (H. 40)

6" 2"

6"

8" MIN.  
ABOVE NEW ROOF

**NOTES:**

1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED



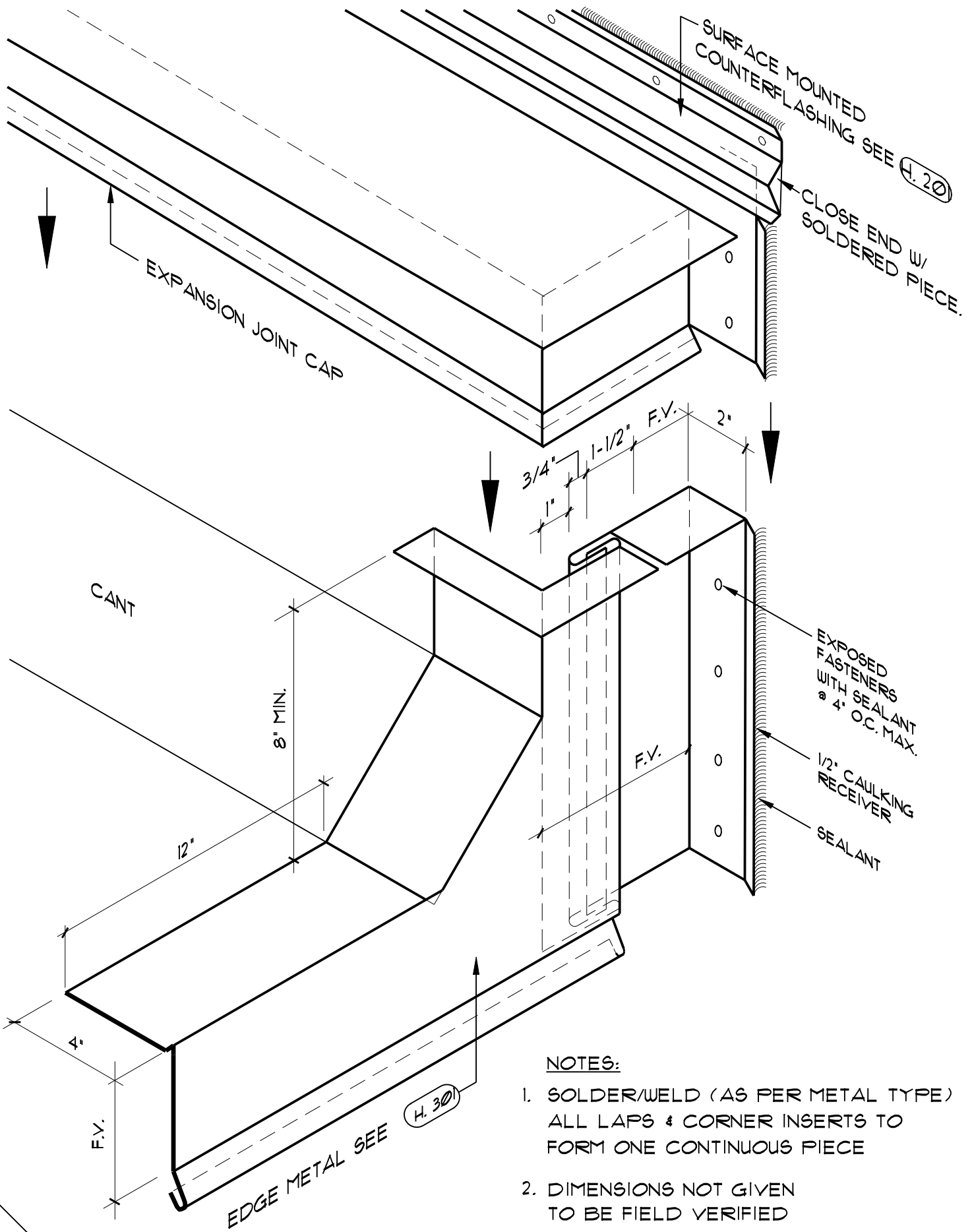
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TITLE EXPANSION JOINT  
WALL TERMINATION

SCALE 3" = 1'





**NOTES:**

1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED



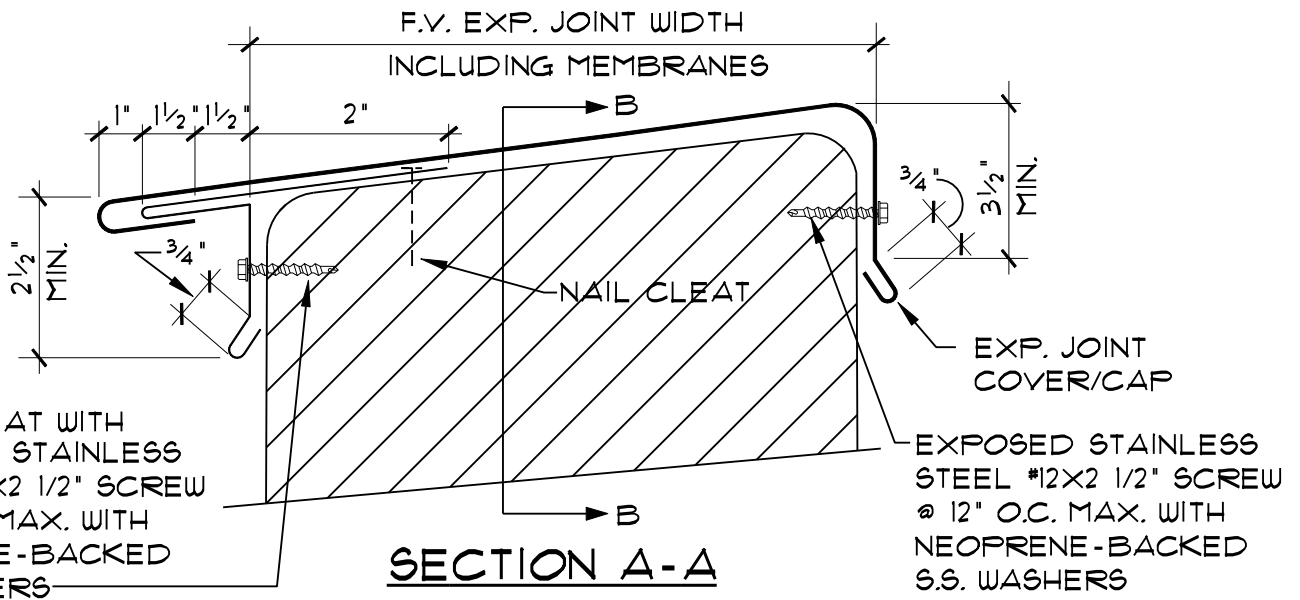
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TITLE WALL MOUNTED EXPANSION JOINT END FABRICATION

SCALE N.T.S.





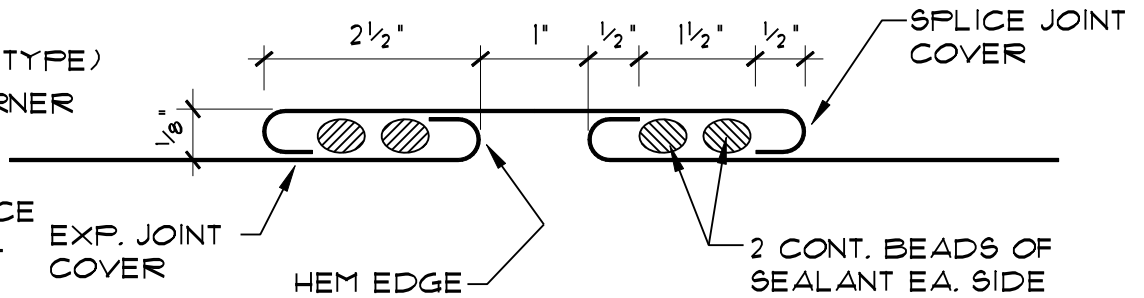
CONT. CLEAT WITH EXPOSED STAINLESS STEEL #12X2 1/2" SCREW @ 12" O.C. MAX. WITH NEOPRENE-BACKED S.S. WASHERS

EXPOSED STAINLESS STEEL #12X2 1/2" SCREW @ 12" O.C. MAX. WITH NEOPRENE-BACKED S.S. WASHERS

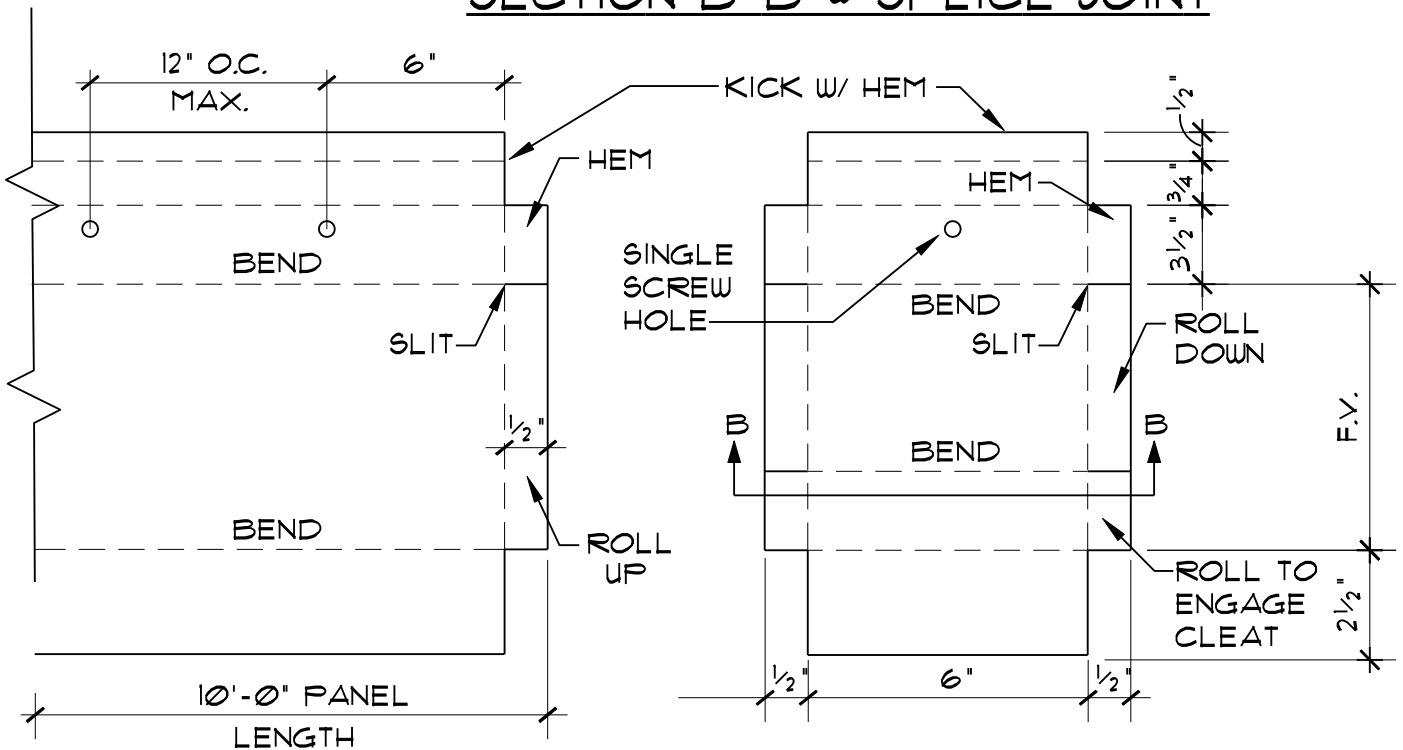
**SECTION A-A**

**NOTES:**

1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED



**SECTION B-B @ SPLICE JOINT**



**PATTERN FOR TYP. EXP. JOINT COVER**

**PATTERN FOR SPLICE JOINT COVER**



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**TITLE** EXPANSION JOINT COVER & SPLICE JOINT DETAILS

**SCALE** N.T.S.



ACAD FILE # 15036H410

DATE:

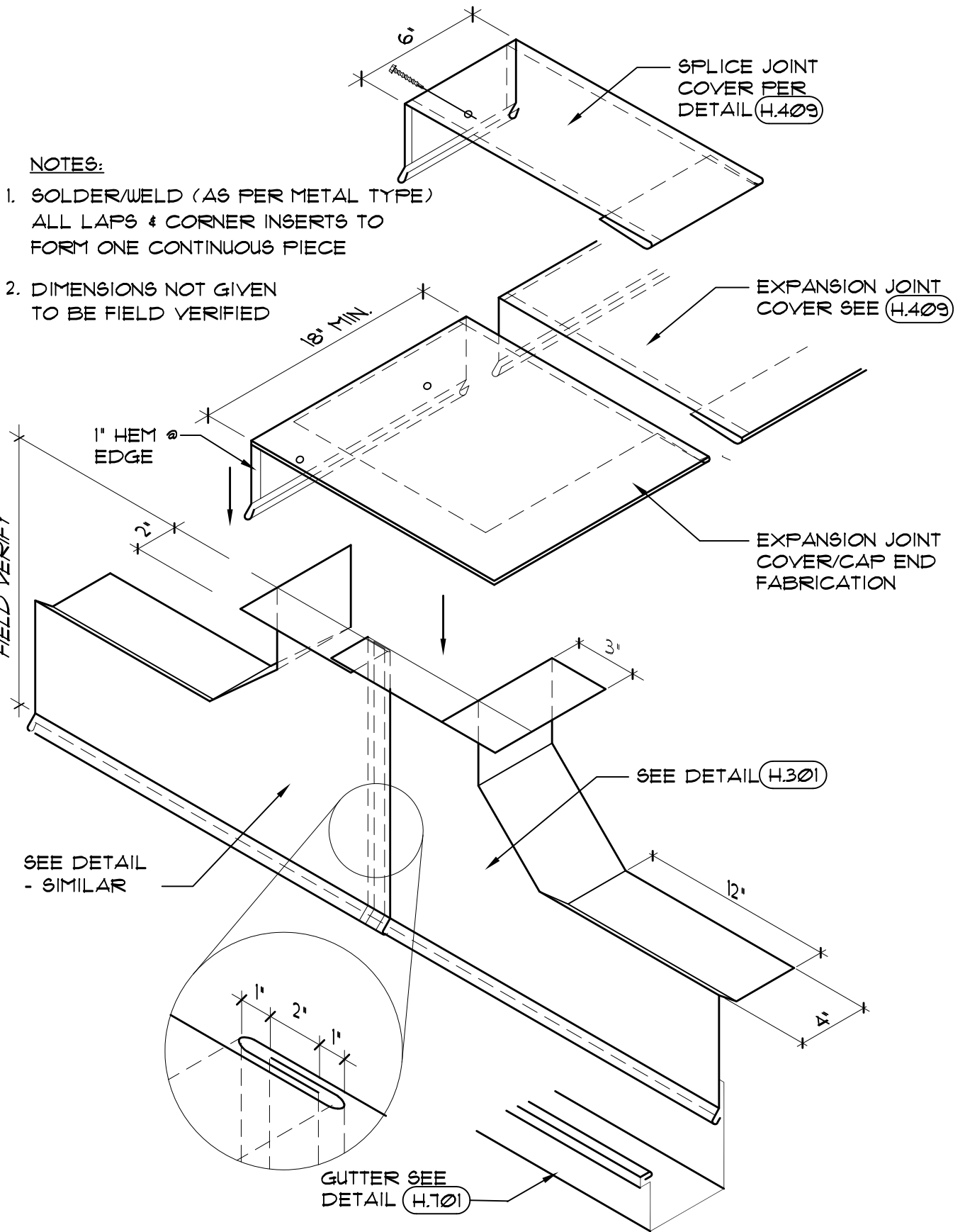
PLOT SCALE : 3"=1'

PROJECT NUMBER: 15036.00

FIELD VERIFY

**NOTES:**

- 1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
- 2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED



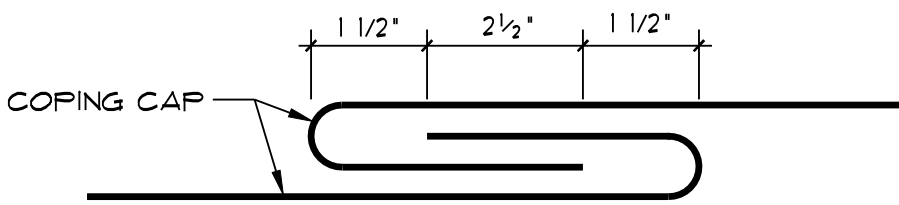
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TITLE EXPANSION JOINT END CAP  
FABRICATIONS

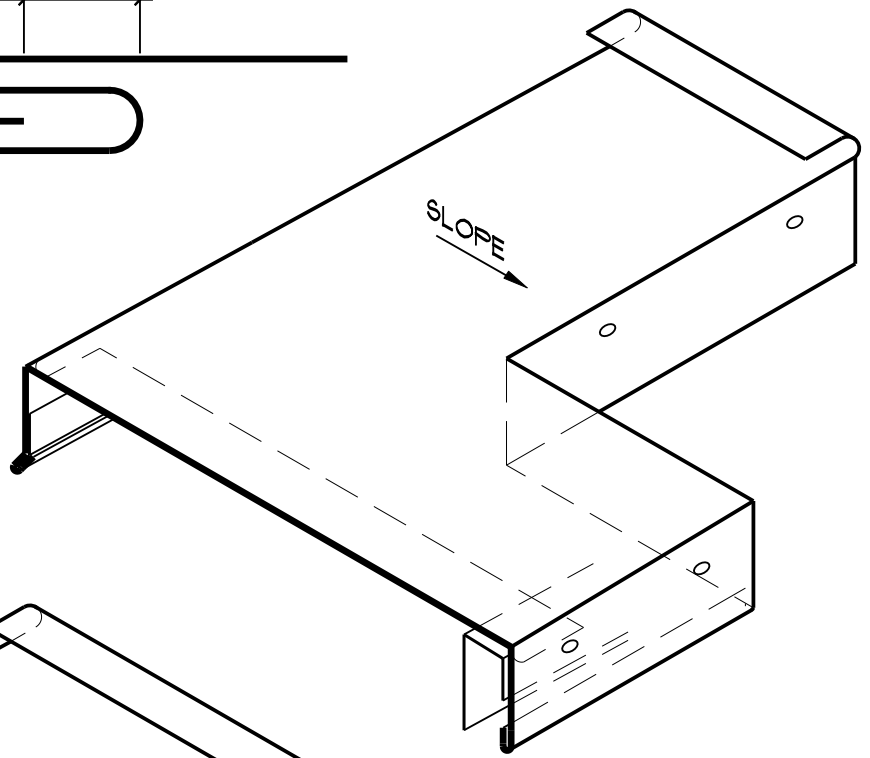
SCALE N.T.S.





### LAP JOINT

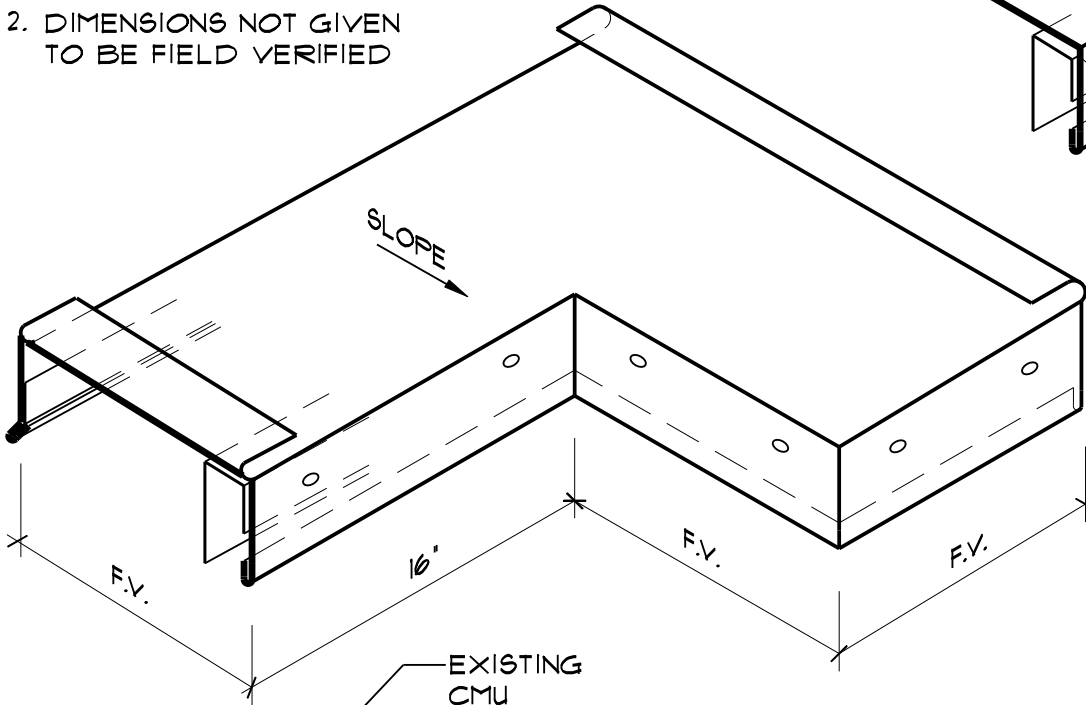
φ



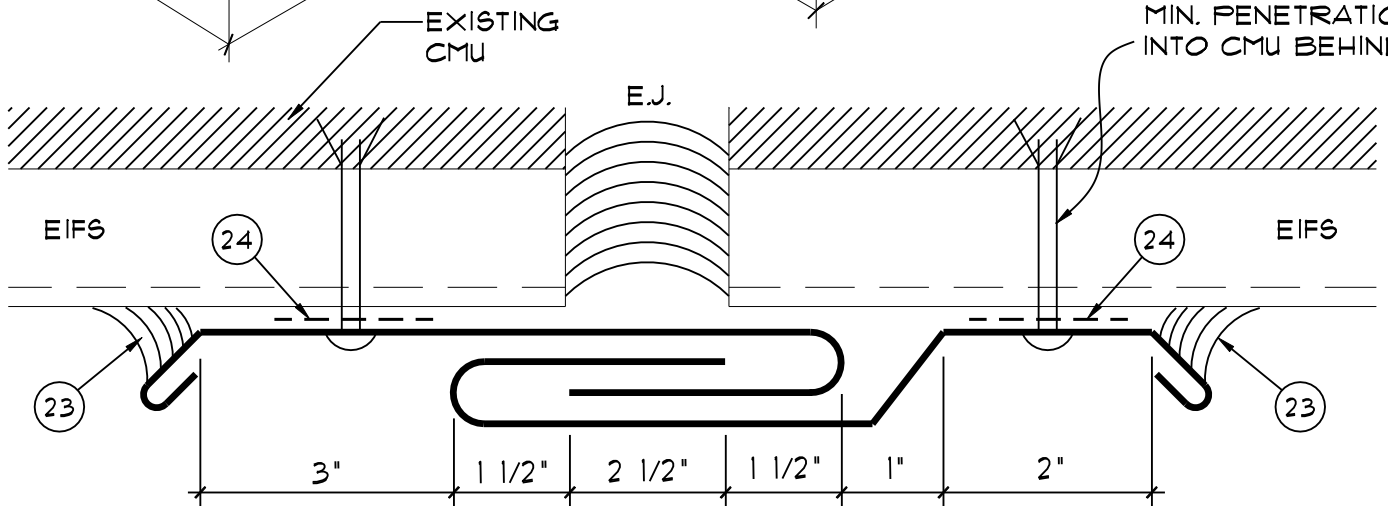
### COPING CAP DETAILS

#### NOTES:

1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED



1/4"φ NAILING AT 6" O.C.- LENGTH REQ'D. FOR 1-1/4" MIN. PENETRATION INTO CMU BEHIND



### WALL FLASHING DETAIL

- 23. SEALANT
- 24. FLASHING TAPE



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TITLE EXPANSION JT. COPING CAP & WALL FLASHING

SCALE N.T.S.

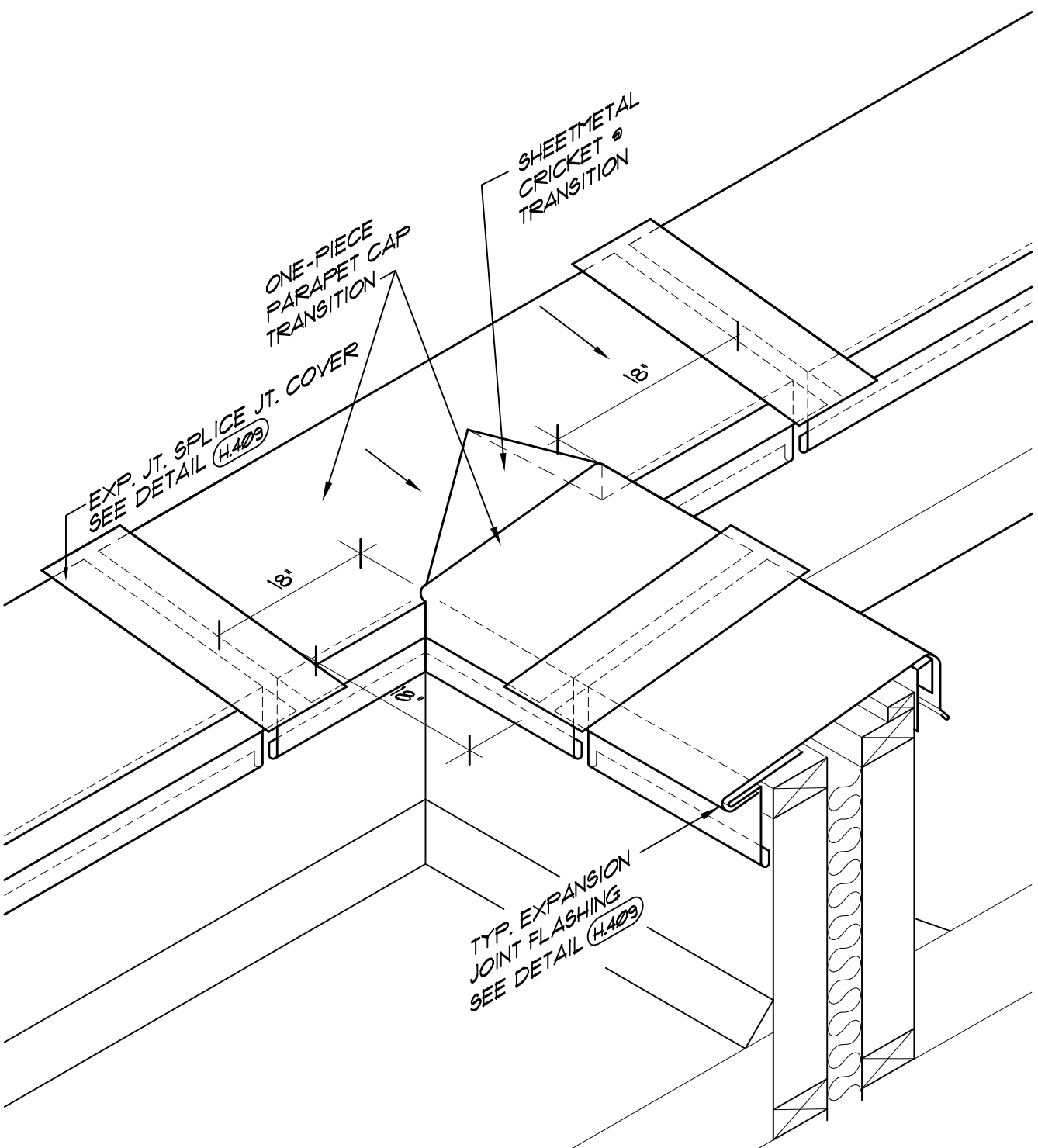


ACAD FILE # 15036H412

DATE:

PLOT SCALE : 1=4

PROJECT NUMBER: 15036.00



**NOTES:**

1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED



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TITLE EXPANSION JOINT INTERSECTION

SCALE N.T.S.

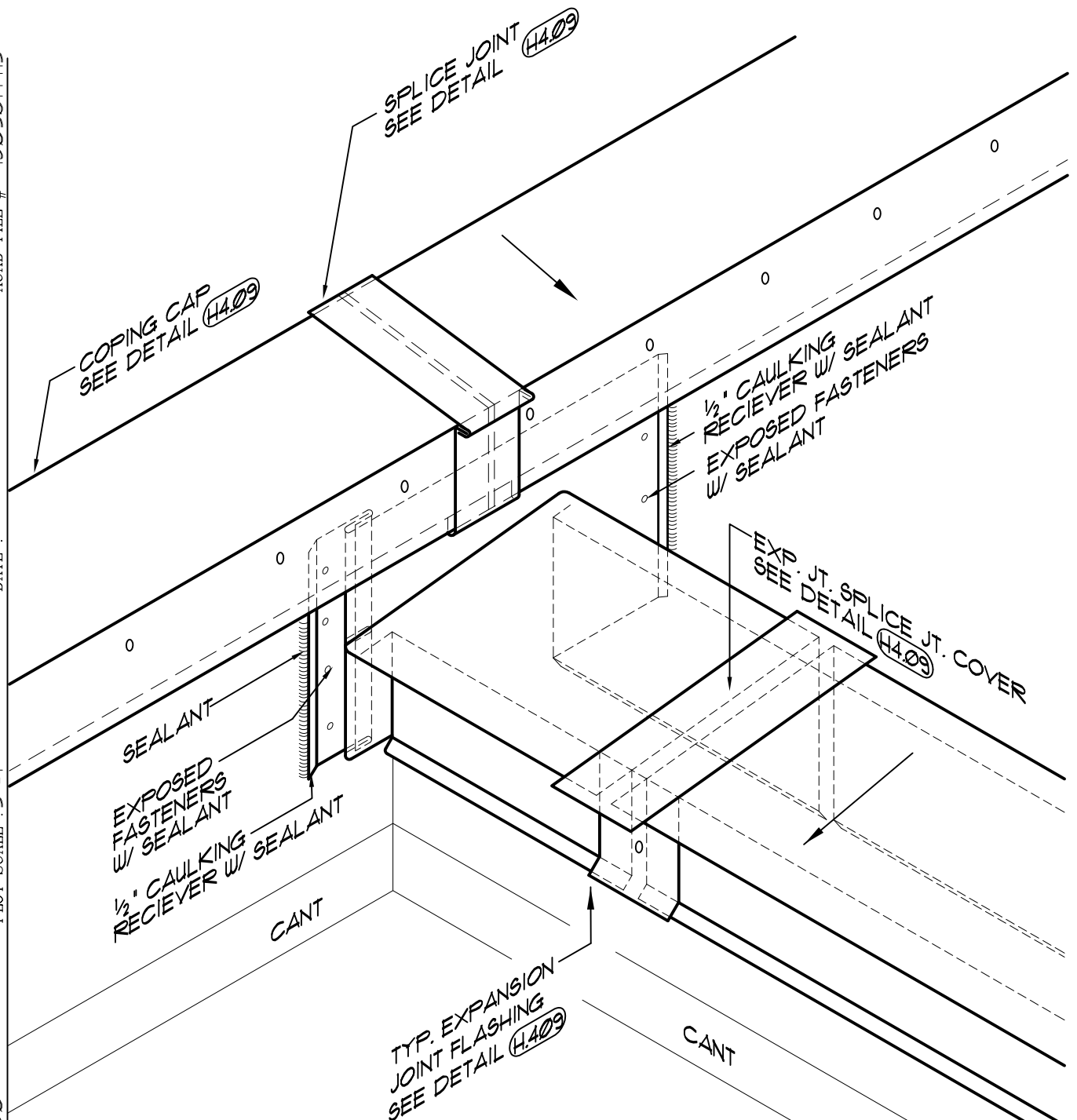
NO.  
**H.412**

ACAD FILE # 15036H413

DATE :

PLOT SCALE : 3" = 1'

PROJECT NUMBER: 15036.00



**NOTES:**

1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED
3. EXPANSION JOINT SKEWED AT "SIM."



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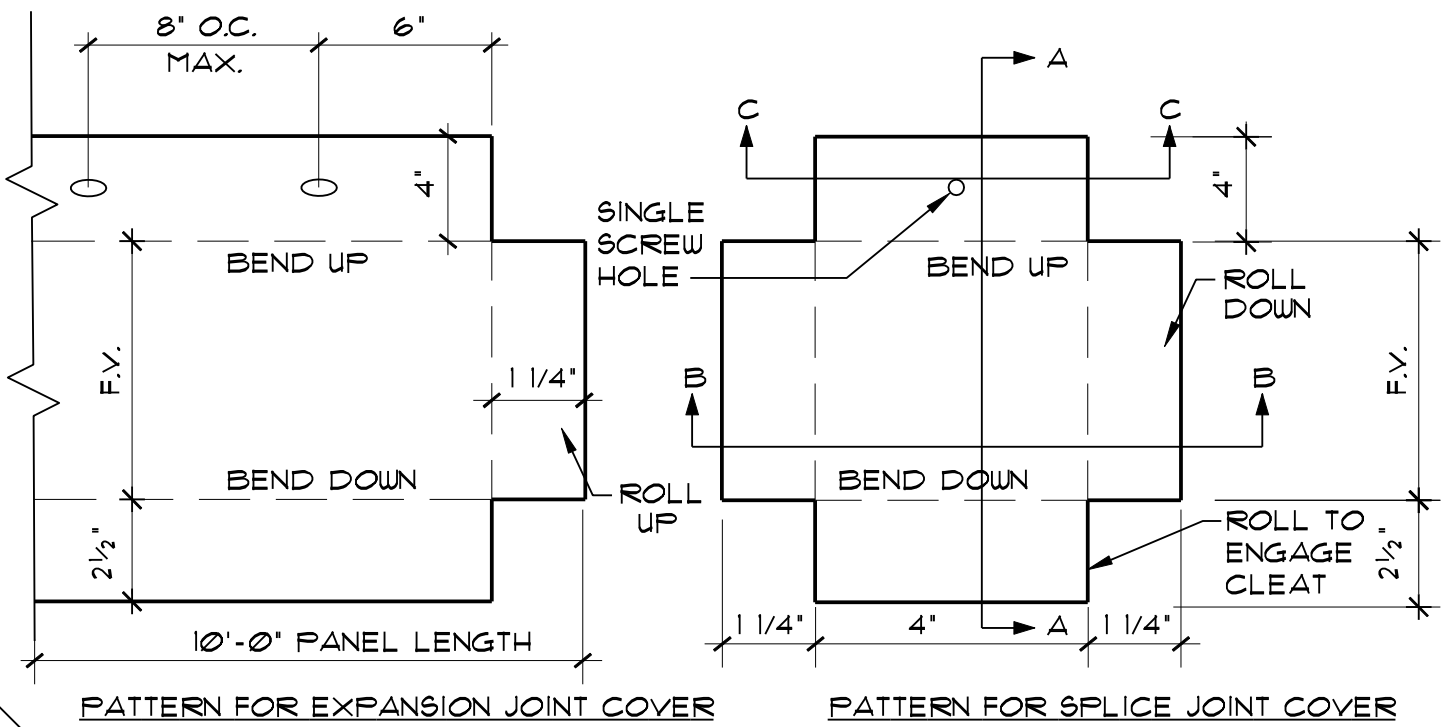
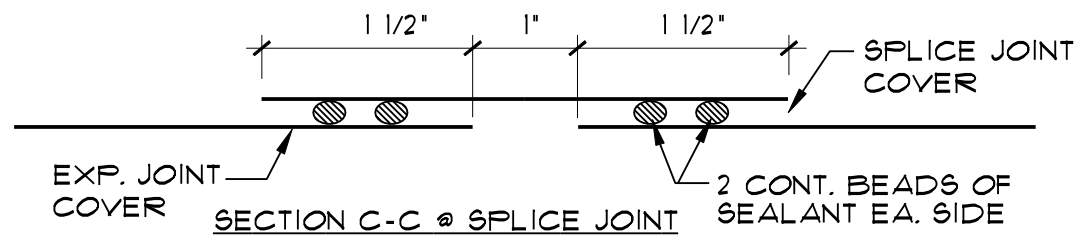
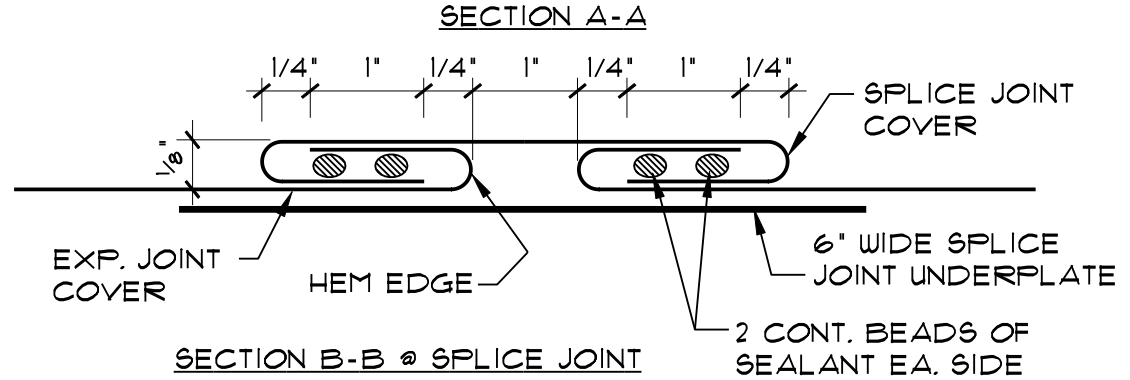
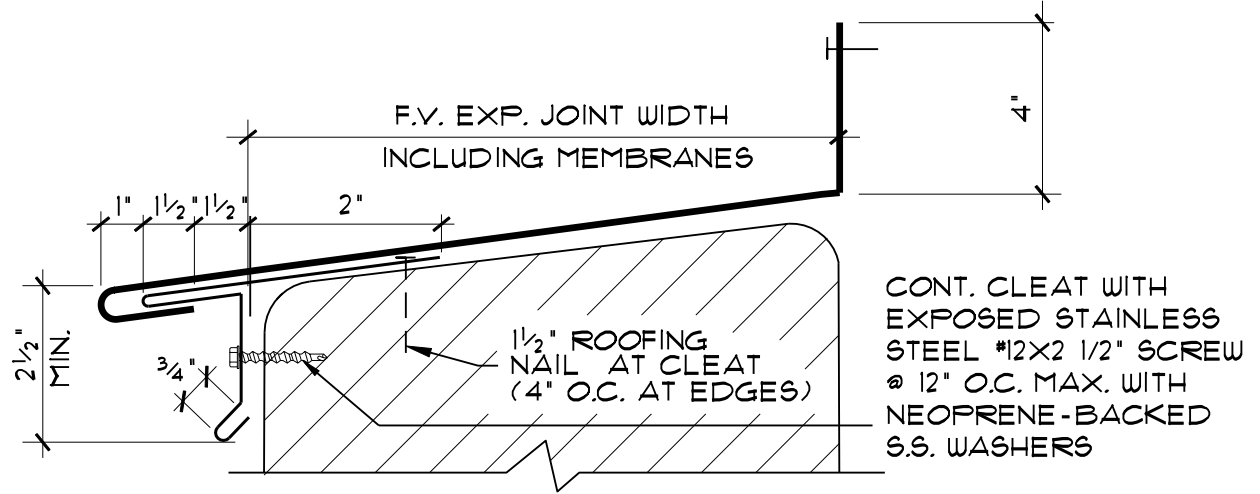
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TITLE INSIDE JOINT WALL  
TERMINATION AT PARAPET

SCALE 3" = 1'





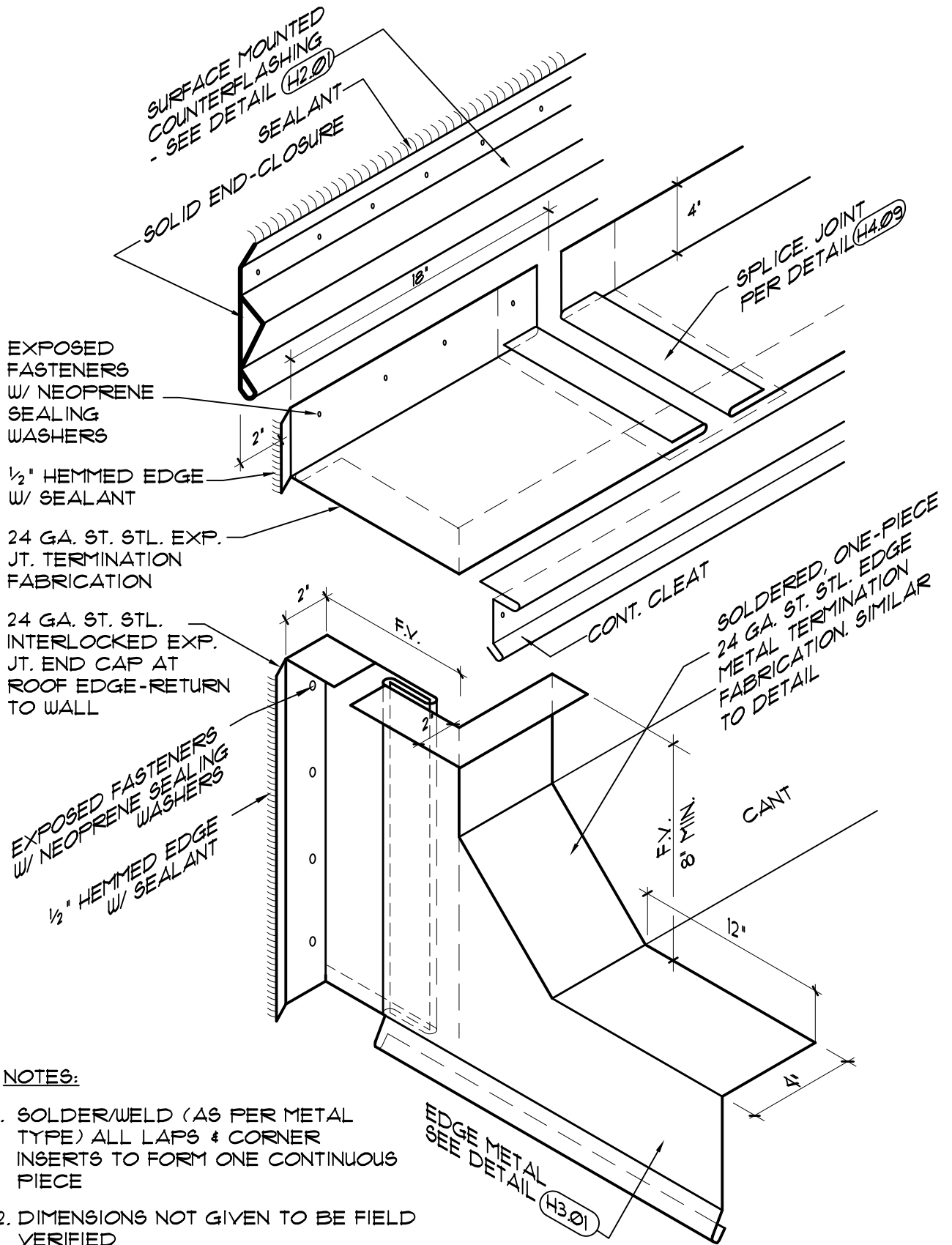


ACAD FILE # 15036H415

DATE:

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 15036.00



**NOTES:**

- 1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
- 2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED
- 3. GUTTER NOT SHOWN FOR CLARITY



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**TITLE** WALL MOUNTED EXPANSION  
 JOINT CORNER TERMINATION  
**SCALE** N.T.S.

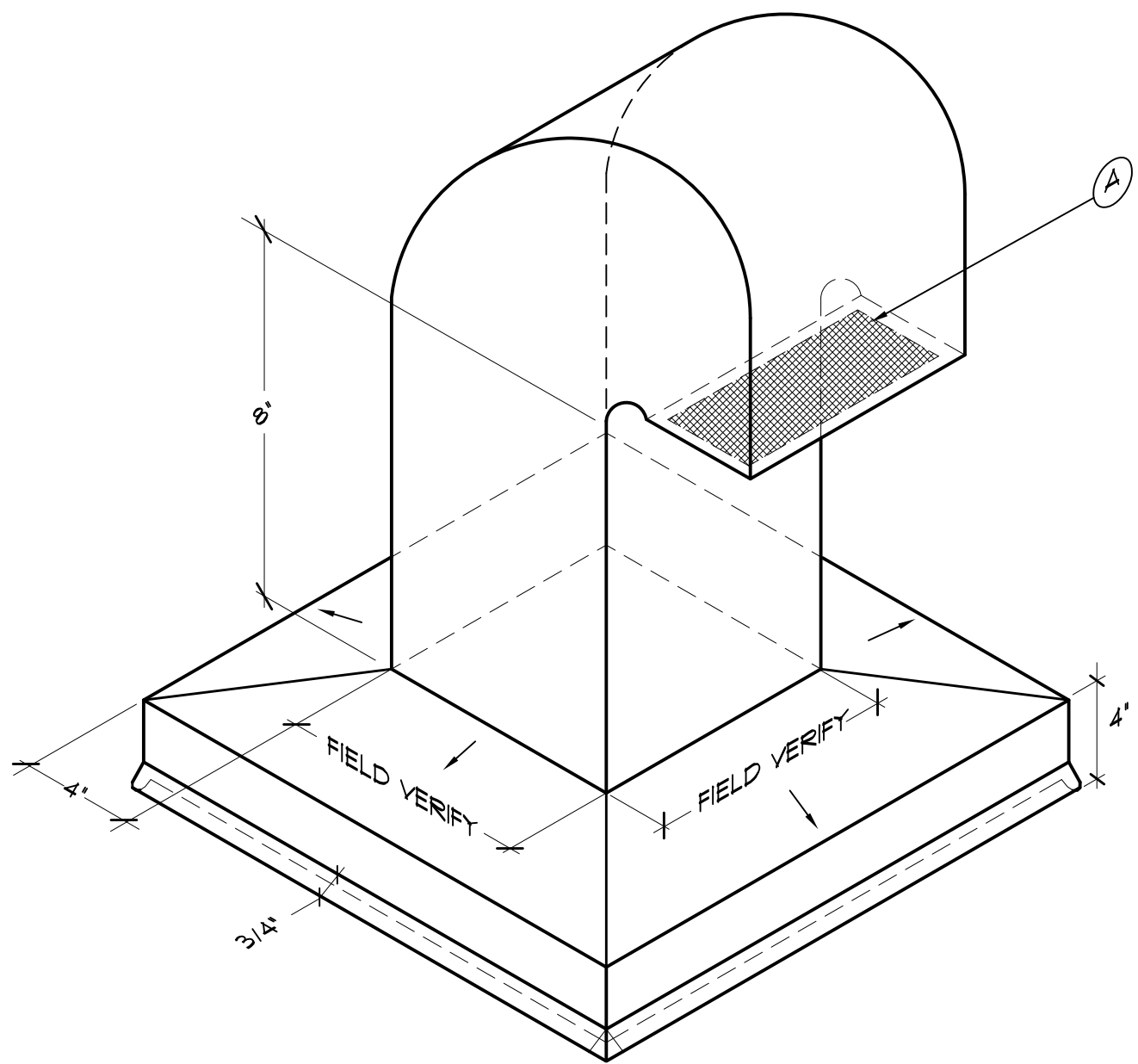
NO.
H. 415

ACAD FILE # 15036H501

DATE: ..

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 15036.00



**NOTE:**

- 1. WELD ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
- 2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED.
- 3. SEE DETAILS FOR CURB FLASHING (MTL.) CURB EXT. NOT REQ'D EXTEND CURB USING WOOD NAILERS).
- A. BUG SCREEN OVER OPENING



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TITLE GOOSENECK FABRICATION

SCALE N.T.S.

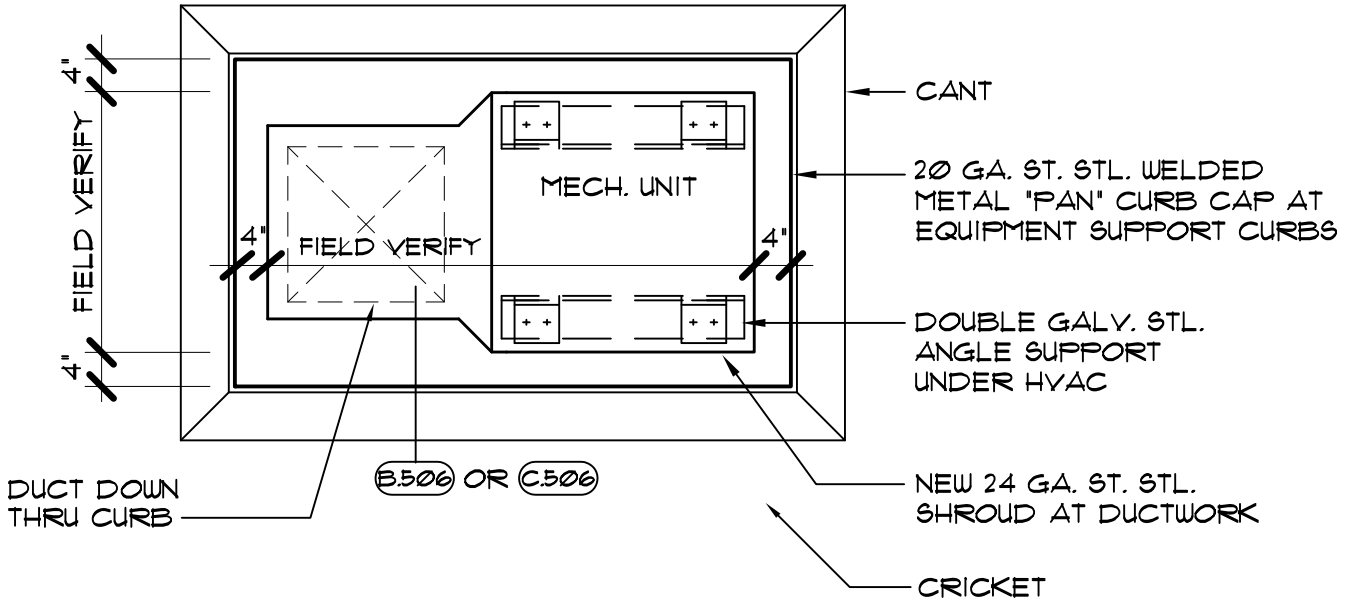


ACAD FILE # 15036H502

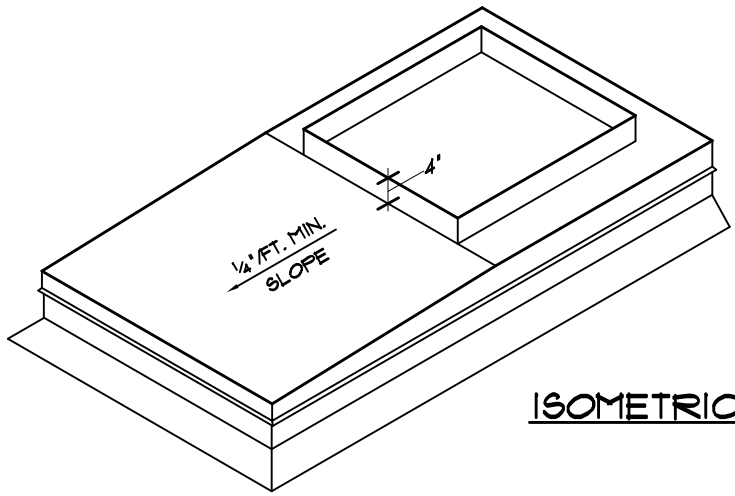
DATE: ..

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 15036.00

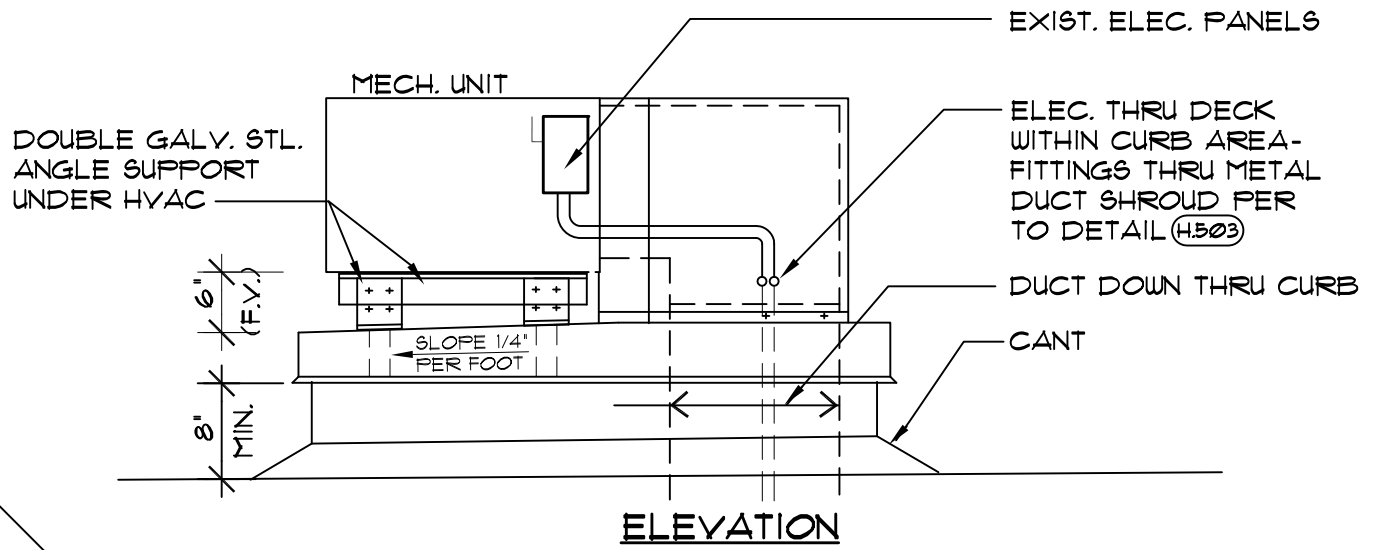


PLAN



ISOMETRIC

SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE.  
 DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED.



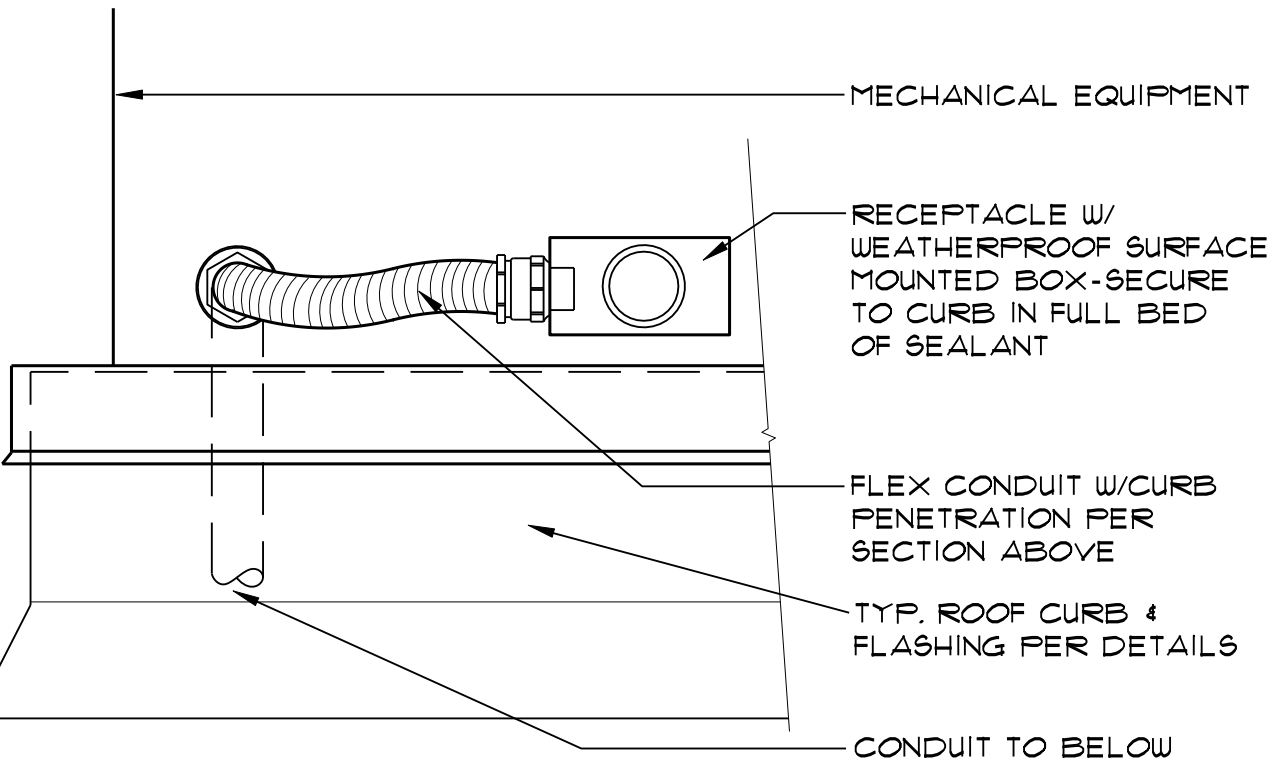
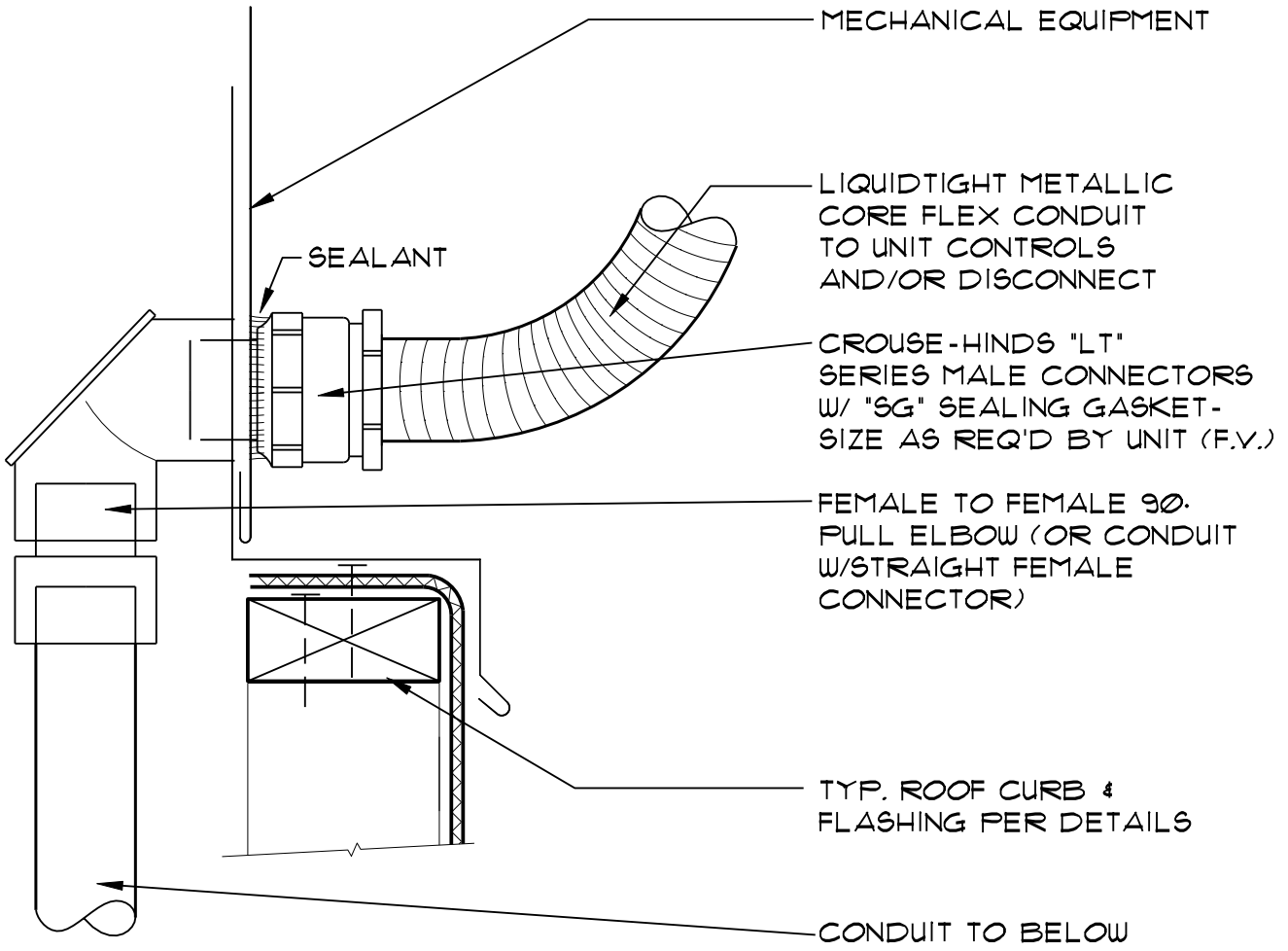
ELEVATION



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TITLE **MECHANICAL EQUIPMENT CURB DETAIL**  
 SCALE **N.T.S.**



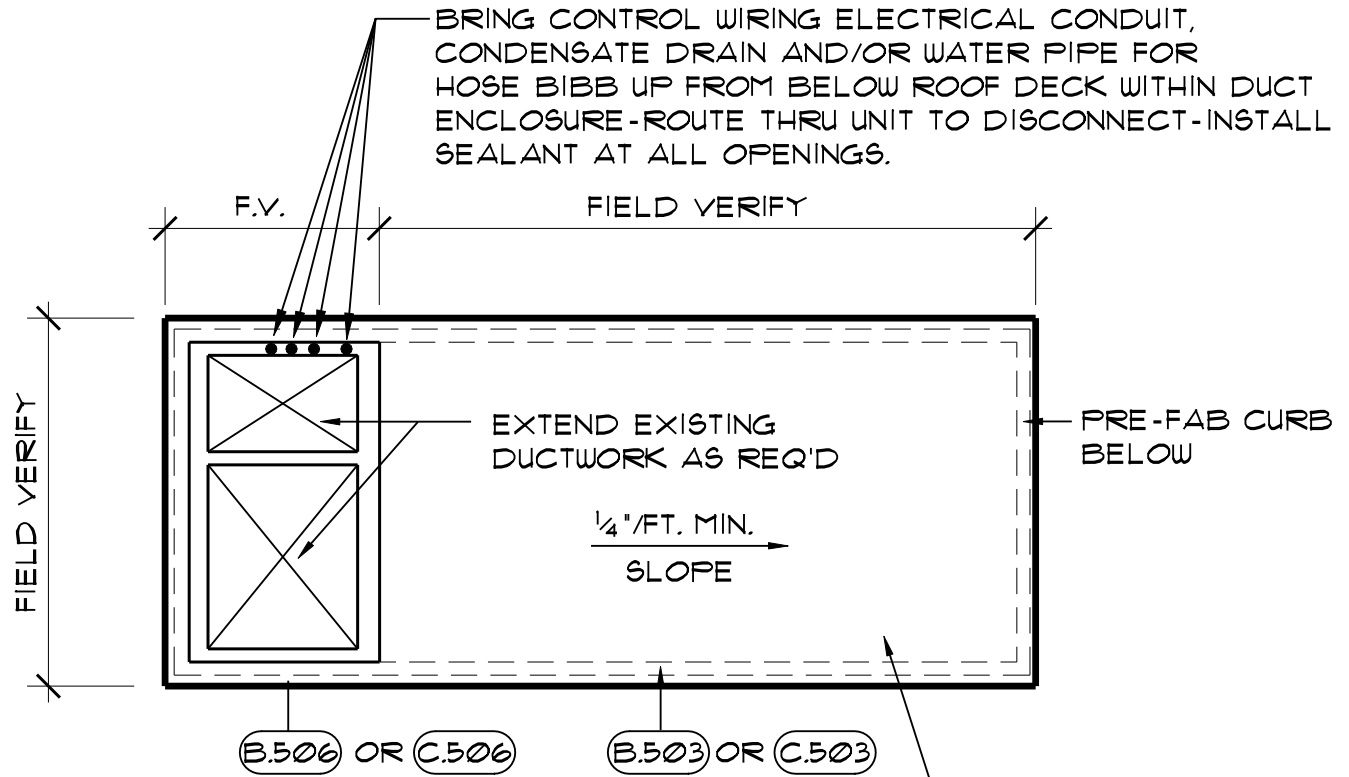


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TITLE CURB PENETRATION  
 DETAIL

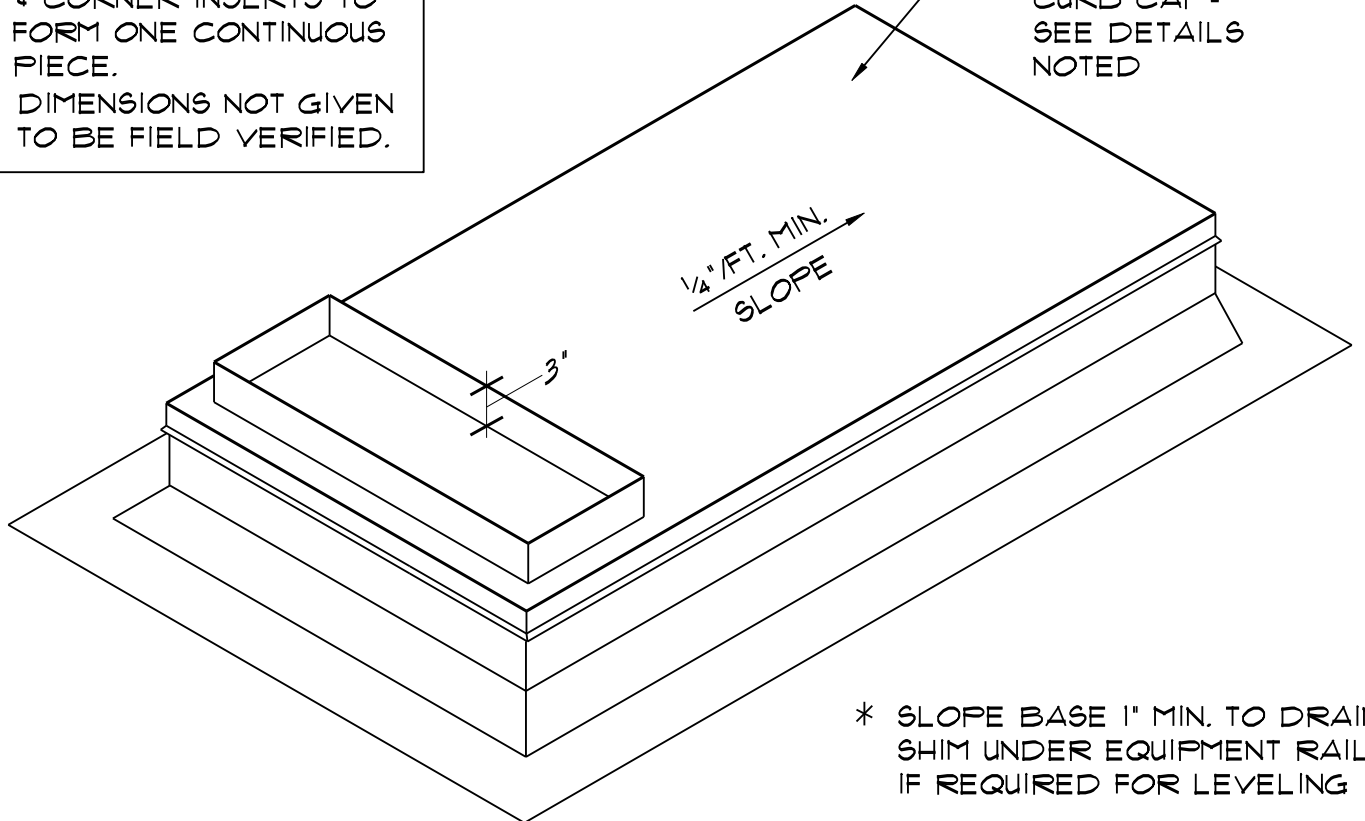
SCALE N.T.S.





SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE.  
 DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED.

20 GA. S.S. WELDED METAL "PAN" CURB CAP- SEE DETAILS NOTED



\* SLOPE BASE 1" MIN. TO DRAIN: SHIM UNDER EQUIPMENT RAILS IF REQUIRED FOR LEVELING

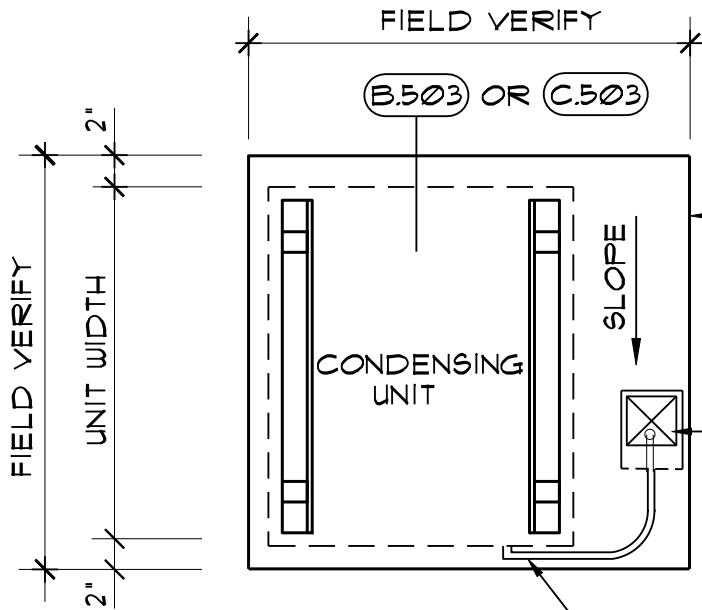
### ISOMETRIC OF PAN



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TITLE **MECHANICAL EQUIPMENT CURB FLASHING**  
 SCALE **N.T.S.**

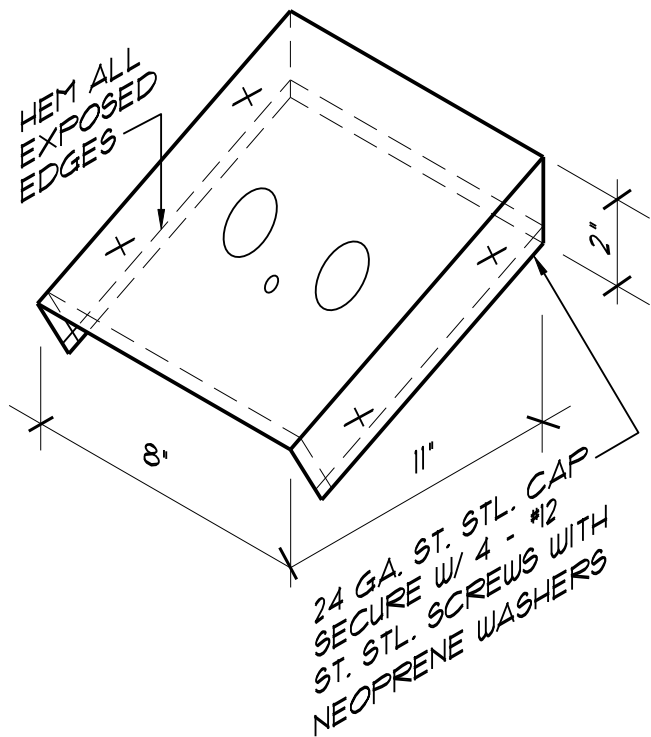
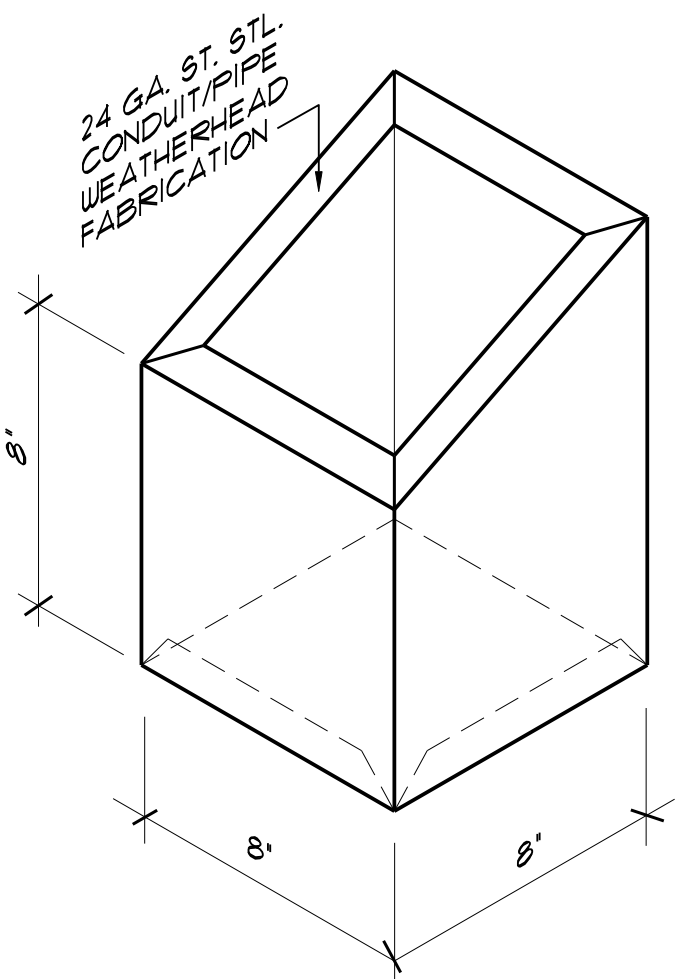




22 GAGE ST. STL. SOLDERED CURB COVER FABRICATION OVER PLYWD. ON METAL DECK PER DETAIL 5.10

NEW WEATHERHEAD IN/ON CURB CAP FOR ALL PIPING & ELEC. CONDUIT - SEE DETAIL BELOW

ELEC. CONDUIT CHILLER, & VACUME LINE



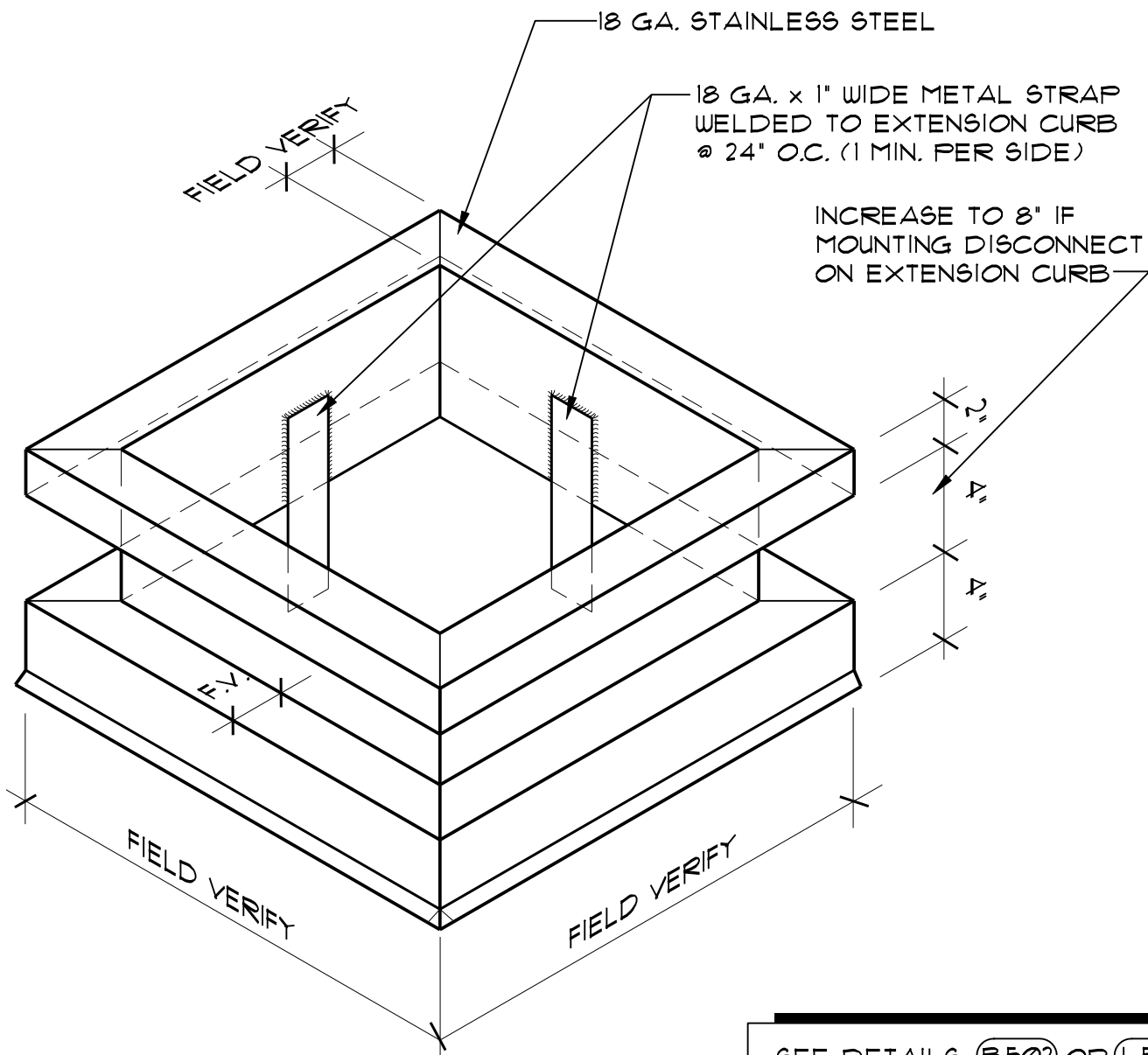
**NOTE:**  
 SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE  
 DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED.



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TITLE CAPPED EQUIPMENT CURB W/ WEATHERHEAD  
SCALE N.T.S.





SEE DETAILS (B.502) OR (L.502)  
FOR FLASHING DETAILS AT  
NEW EXTENSION CURB

**NOTE:**

1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS  
TO FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED.

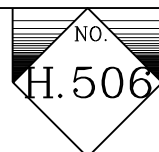


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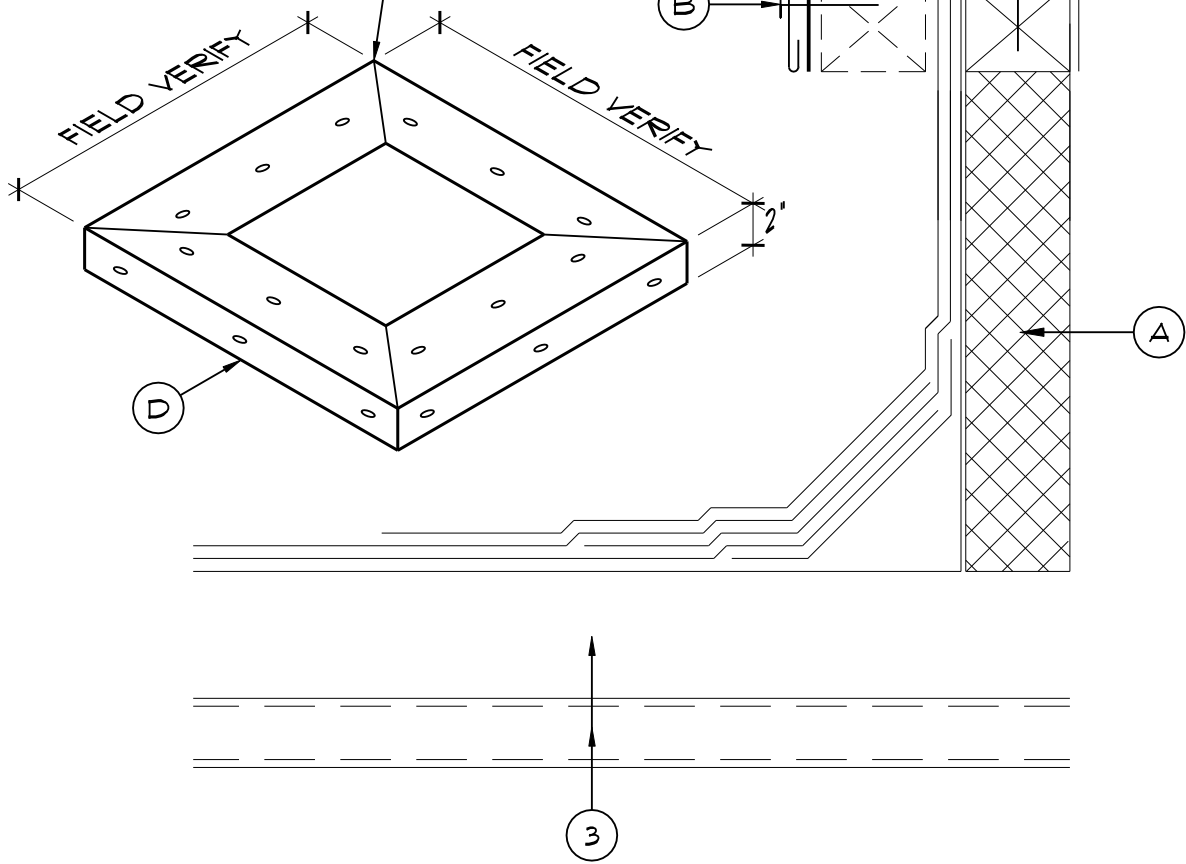
TITLE TYP. MECH. EQUIPMENT CURB  
EXTENSION FABRICATION

SCALE N.T.S.





ALL CORNERS & JOINTS TO BE FULLY WELDED



- |  |   |
|--|---|
| <p>3. EXISTING LT. WT. CONC. OVER MTL. DECK TO REMAIN</p> <p>9. REMOVE &amp; REINSTALL EXIST. POWER VENT</p> <p>A. EXIST. CURB &amp; BASE FLASHING TO REMAIN UNCHANGED</p> <p>B. #1/2" x 3/4" ST. STL. SCREWS W/ METAL BACKED NEOPRENE WASHERS @ 8" O.C. (MIN. 2 EA. SIDE)</p> | <p>C. REMOVE EXIST. WOOD BLOCKING &amp; PATCH ALL HOLES IN BASE FLASHING W/ FIBERGLASS MESH &amp; MOD. BIT. MASTIC</p> <p>D. INSTALL NEW 20 GA. GALV. CURB ADAPTER TO CURB</p> <p>E. #1/2" x 1 1/2" ST. STL. SCREWS W/ NEOPRENE WASHERS @ 8" O.C. (2 MIN. PER SIDE)</p> |
|--|---|



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TITLE NEW ADAPTER CURB DETAIL AT EXISTING POWER VENT  
SCALE 3" = 1'



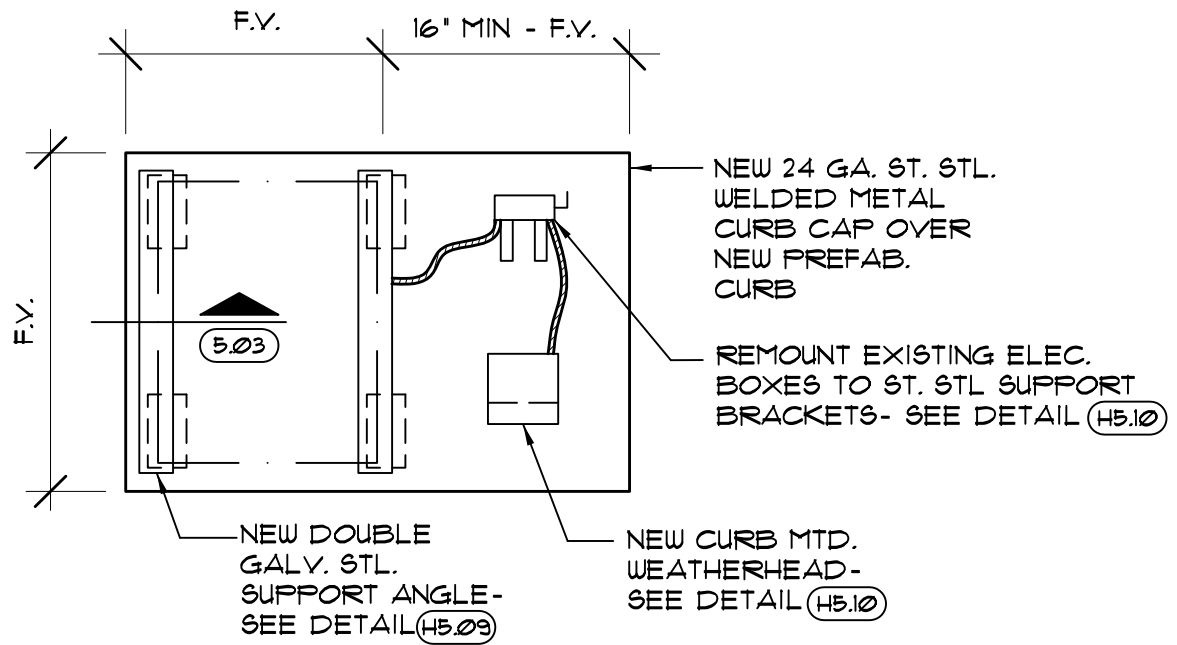
ACAD FILE # 15036H502

DATE: ..

PLOT SCALE : 3" = 1'-0"

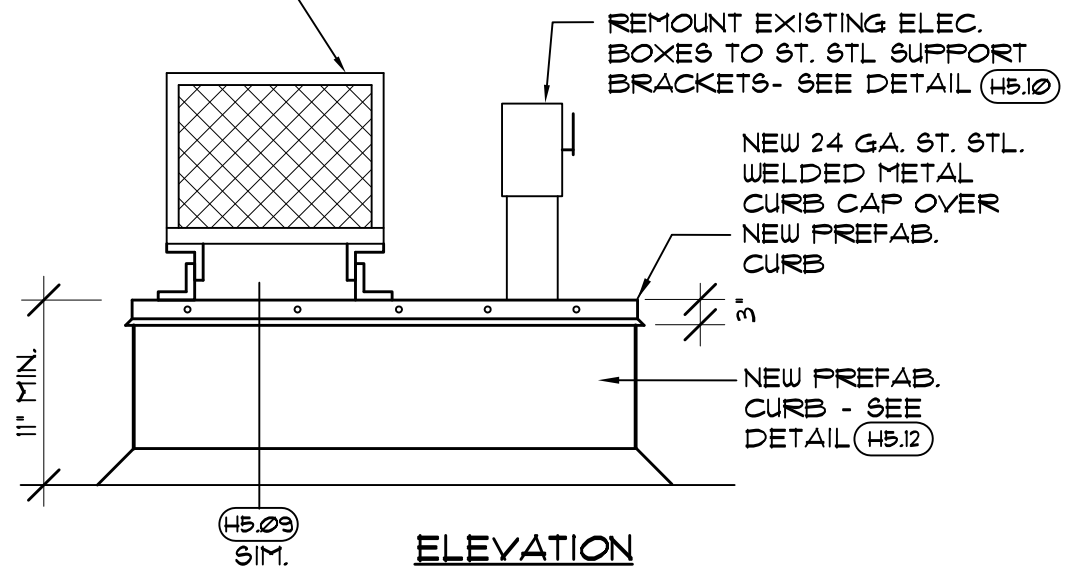
PROJECT NUMBER: 15036.00

NOTE:  
PROVIDE HOLD-DOWN BRACKETS  
& STRAPS PER DETAIL (H5.11) IF  
REQ'D



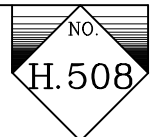
NOTE:  
REROUTE EXISTING PIPING &  
CONDUIT THRU NEW CURB  
MOUNTED WEATHERHEAD

REINSTALL EXISTING  
A/C CONDENSER  
BOLT TO GALV. STL.  
SUPPORT ANGLES

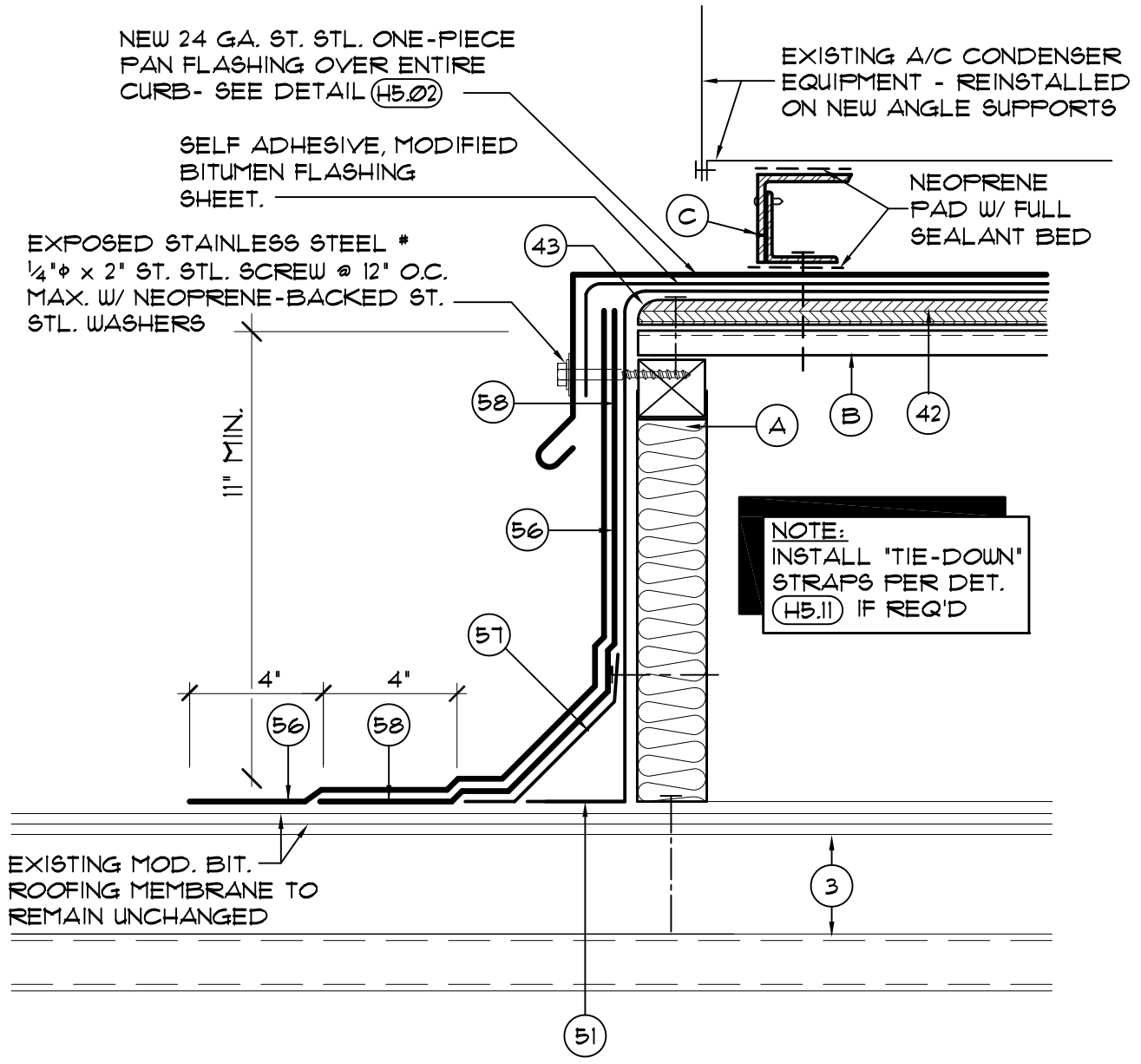


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TITLE CAPPED A/C CONDENSER  
CURB W/ WEATHERHEAD  
SCALE 3" = 1'-0"



PROJECT NUMBER: 15036.00  
 PLOT SCALE: 3" = 1'-0"  
 DATE: ..  
 ACAD FILE # 15036H509



- |  |   |
|--|---|
| <p>3. EXIST LT. WT. CONC. OVER METAL DECK TO REMAIN</p> <p>42. 5/8" PLYWOOD - SCREW FASTEN @ 8" O.C. EACH WAY - COUNTERSINK HEADS</p> <p>43. ROUND OFF THIS EDGE</p> <p>51. DRY-IN MEMBRANE</p> <p>56. MOD. BIT. FLASHING - CAP</p> <p>57. NON-COMBUSTIBLE CANT</p> <p>58. MOD. BIT. FLASHING - INTERPLY</p> | <p>A. PREMANUFACTURED CURB W/ NAILER &amp; INSULATION-ANCHOR TO DECK OR OPG. FRAMING PER DETAIL (H5.12)</p> <p>B. 9/16", 20 GA. GALV. STL. DECK</p> <p>C. CONT. SUPPORT ANGLE NEW 4"x2"x3/16"x8" LONG CLIP ANGLE @ EACH CORNER &amp; ANCHOR SCREWS-HOT DIPPED GALV.</p> |
|--|---|

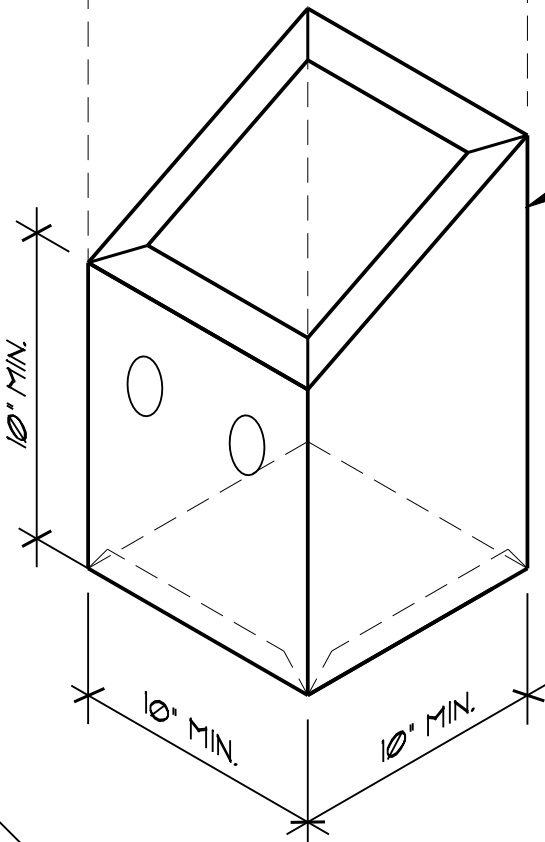
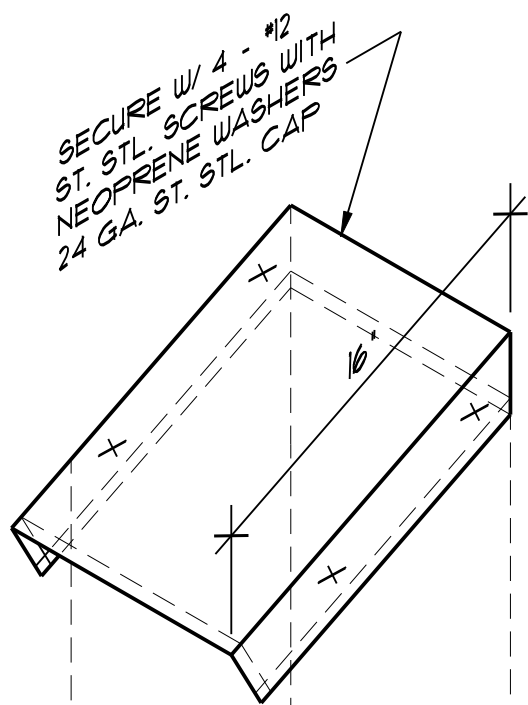


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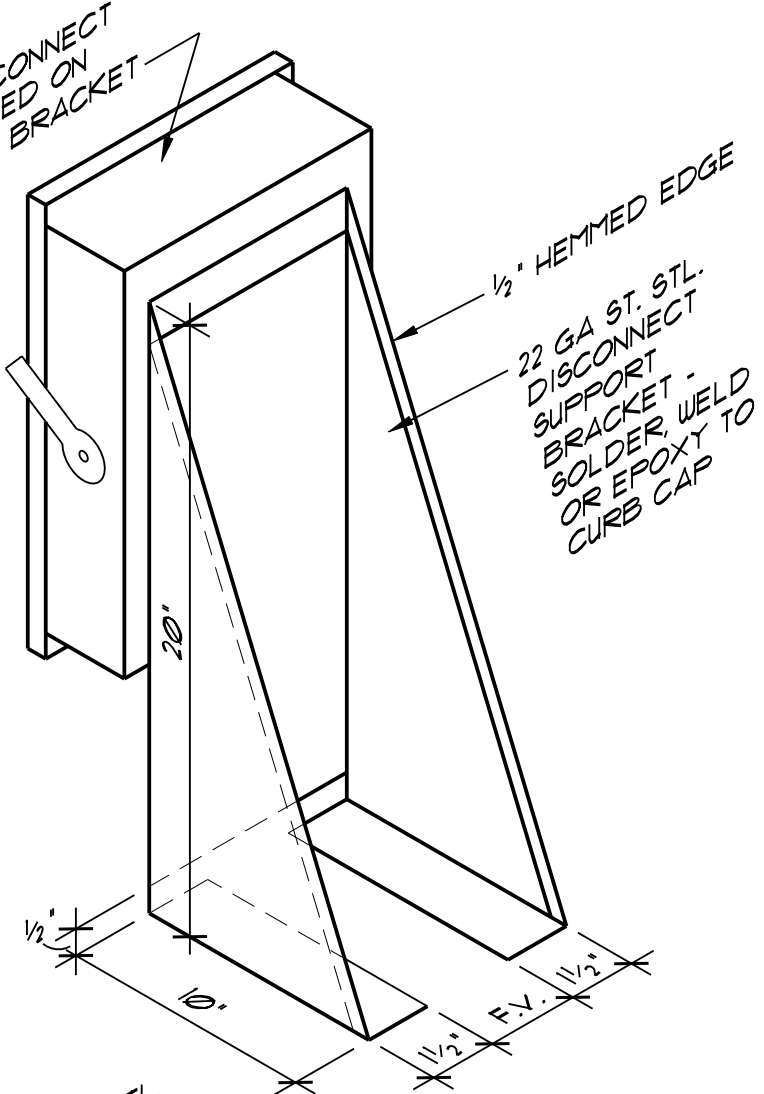
TITLE CAPPED EQUIP. SUPPORT CURB & FLASHING DETAIL

SCALE N.T.S.

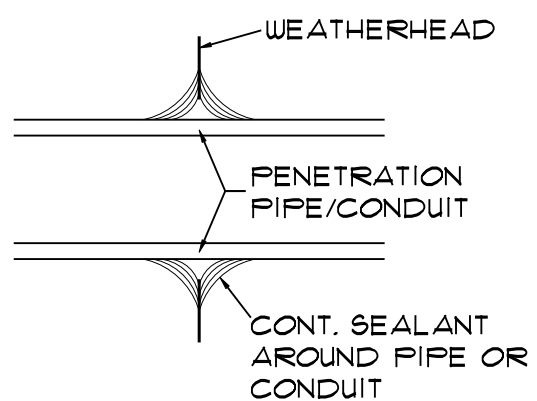




EXISTING DISCONNECT SWITCH MOUNTED ON NEW SUPPORT BRACKET



24 GA. ST. STL. CONDUIT/PIPE WEATHERHEAD FABRICATION



PENETRATION DETAIL

NOTES:

1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED



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TITLE CAPPED EQUIPMENT CURB FABRICATION DETAILS  
SCALE N.T.S.



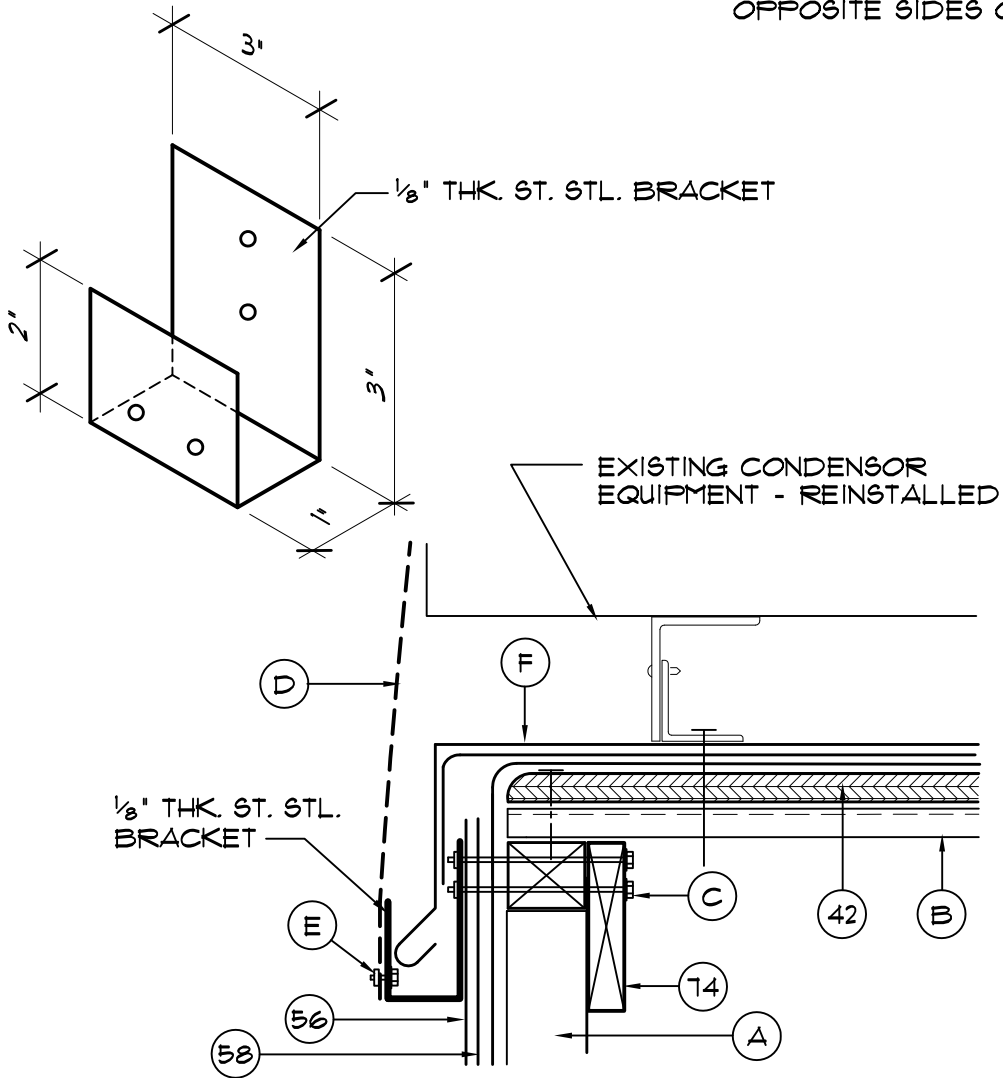
ACAD FILE # 15036H511

DATE: ..

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 15036.00

**NOTE:**  
INSTALL 2 BRACKETS AT  
OPPOSITE SIDES OF CURB



- 42. 5/8" PLYWOOD - SCREW FASTEN @ 8" O.C. (MAX.) TOP & BOTTOM & STAGGER - COUNTERSINK HEADS
- 56. MODIFIED BITUMEN FLASHING CAP
- 58. MOD. BIT. FLASHING - INTERPLY
- 74. 1 x 4 WOOD BLK'G SCREW FASTEN AT 12" O.C. STAGGERED. COUNTERSINK SCREWHEADS.

- A. G90 18 GA. GALV. STL. PREMANUFACTURED CURB W/NAILER & INSULATION-ANCHOR TO DECK OR OFG. FRAMING PER MFR'S RECOMMENDATIONS.
- B. 9/16", 20 GA. GALV. STL. DECK
- C. 3/8" φ ST. STL. THRU BOLTS - F.V. LENGTH
- D. 24 GA. 3" WIDE ST. STL. STRAP
- E. 1/2" φ ST. STL. MACHINE BOLT
- F. 24 GA ST. STL. CURB CAP-SEE DETAIL (H5.02)



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TITLE EQUIP. STRAP & BRACKET  
AT NEW CURB DETAIL

SCALE N.T.S.

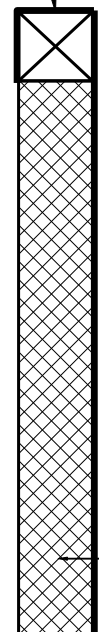
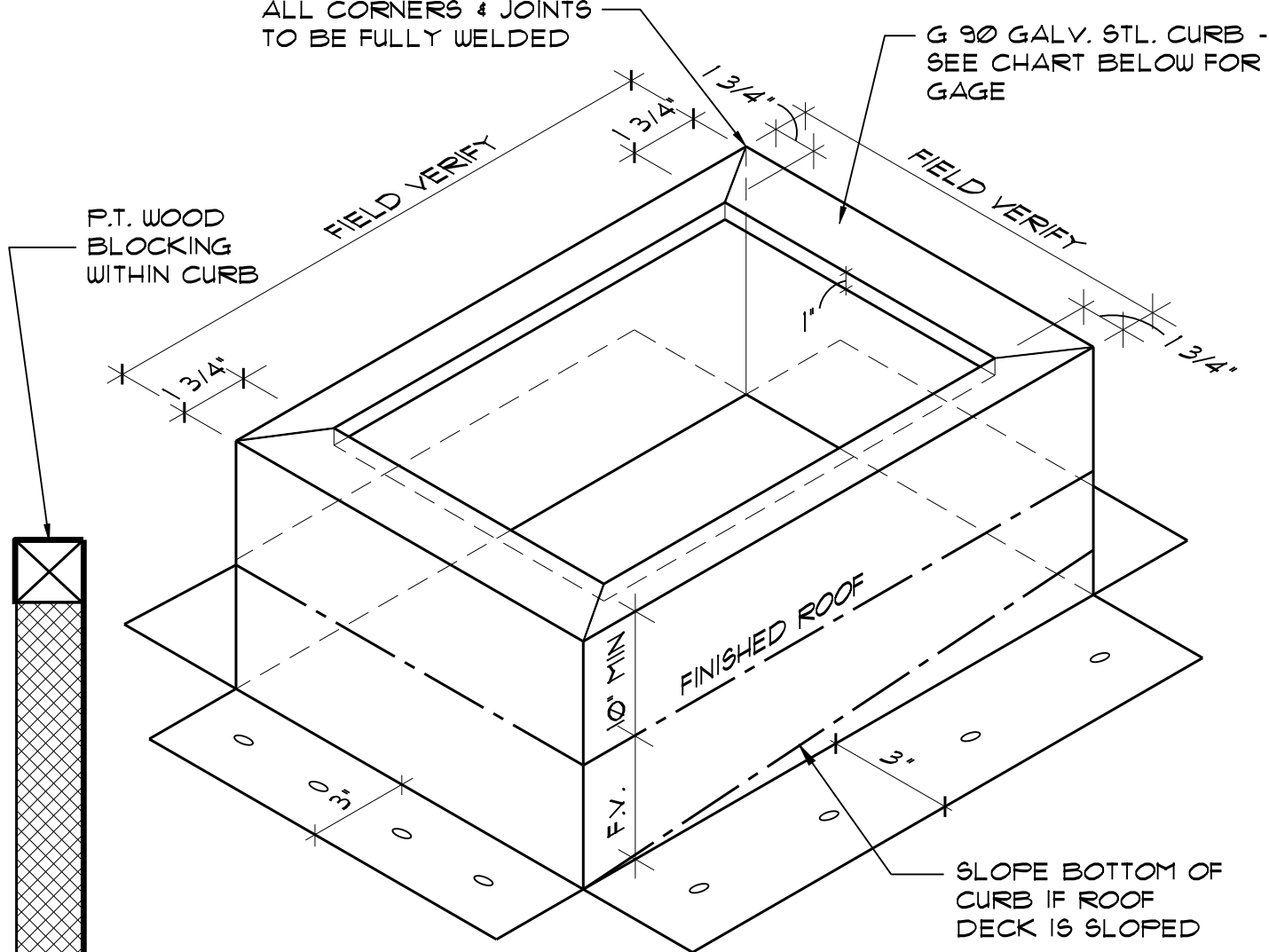


ACAD FILE # 15036H512

DATE: ..

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 15036.00



**NOTE:**

1. WELD ALL LAPS & CORNERS TO FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED.

**SECTION**

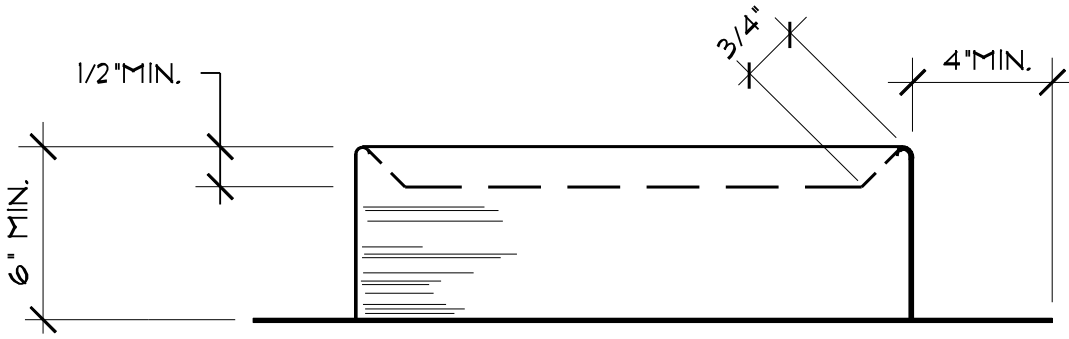
CURB DATA				
MIN SIZE	MAX SIZE	METAL GAGE	ANCHORAGE - CONC DECK	ANCHORAGE - 22 GA METAL DECK
-	24" SQ	20 GA.	1/4"φ x 2 1/4" LG. TAPCONS @ 24" O.C.	1/4"φ SCREW @ 12" O.C.
25" SQ	60" SQ	18 GA.	1/4"φ x 2 1/4" LG. TAPCONS @ 18" O.C.	1/4"φ SCREW @ 9" O.C.
61" SQ	120" SQ	16 GA.	1/4"φ x 2 1/4" LG. TAPCONS @ 12" O.C.	1/4"φ SCREW @ 6" O.C.
121" SQ	240" SQ	14 GA.	3/8"φ x 3" RAWL-BOLT @ 32" O.C.	3/8"φ THRU-BOLT @ 32" O.C.



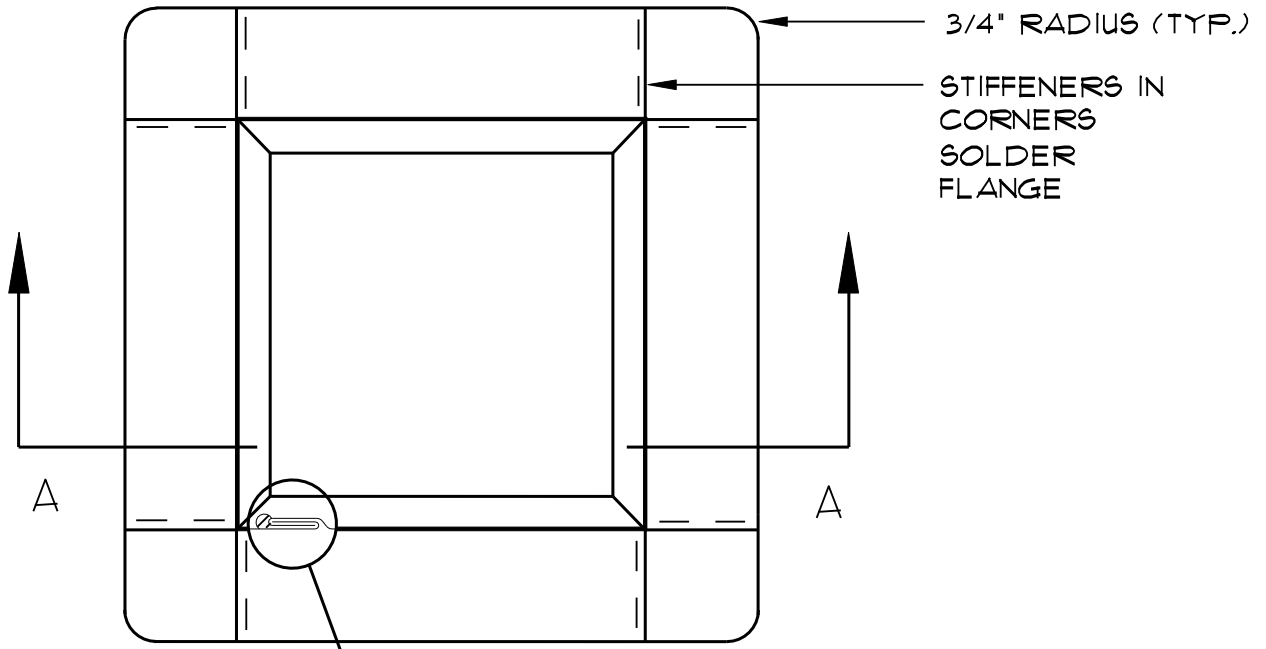
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TITLE TYP. EQUIPMENT CURB & ANCHORAGE DETAIL  
SCALE 3" = 1'-0"

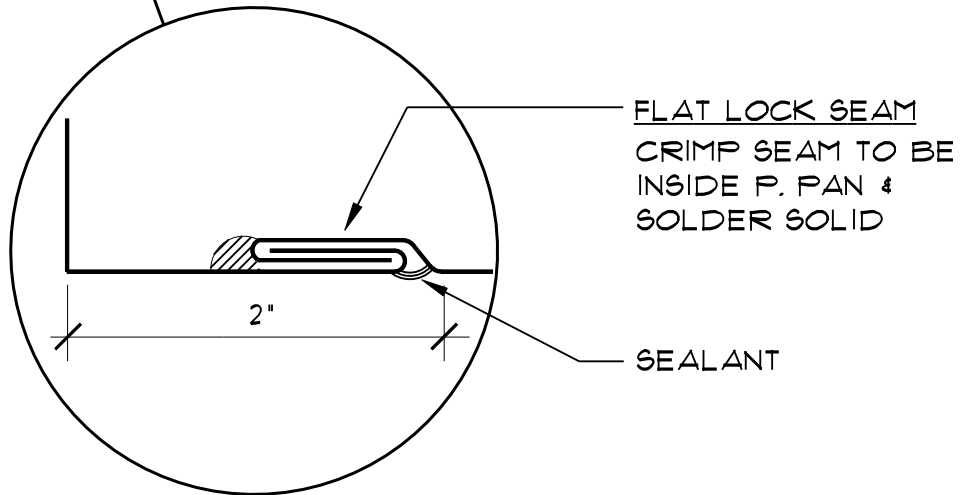




SECTION A-A



PLAN



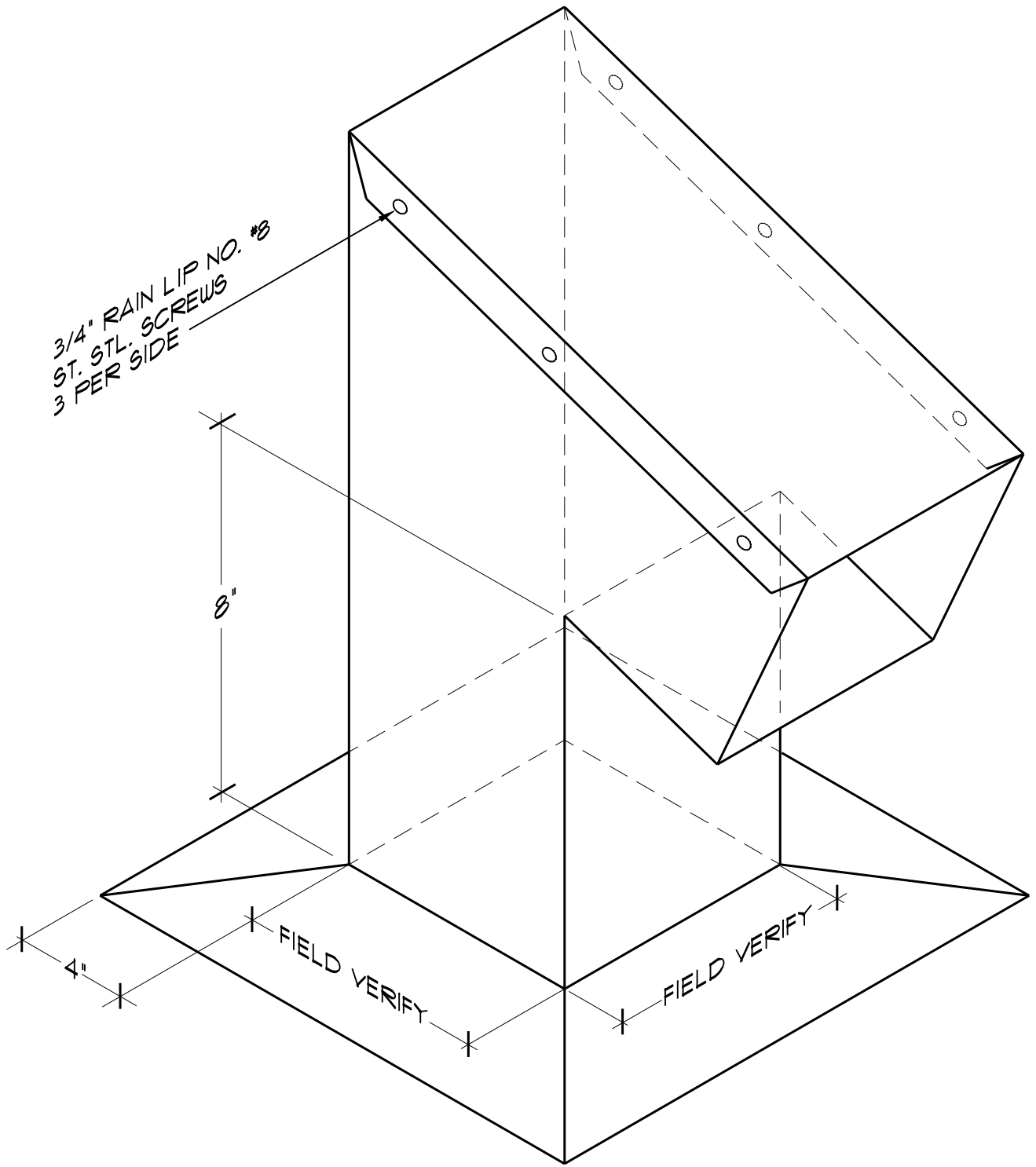
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TITLE PITCH PAN FABRICATION

SCALE 3" = 1'-0"





**NOTE:**

- 1. WELD ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
- 2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED.



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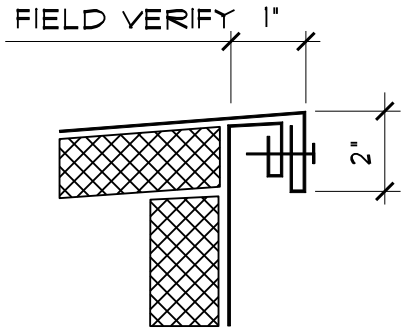
601 NORTH FERN CREEK AVENUE SUITE 100  
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TITLE SMALL CABLE GOOSENECK  
 VENT FABRICATION

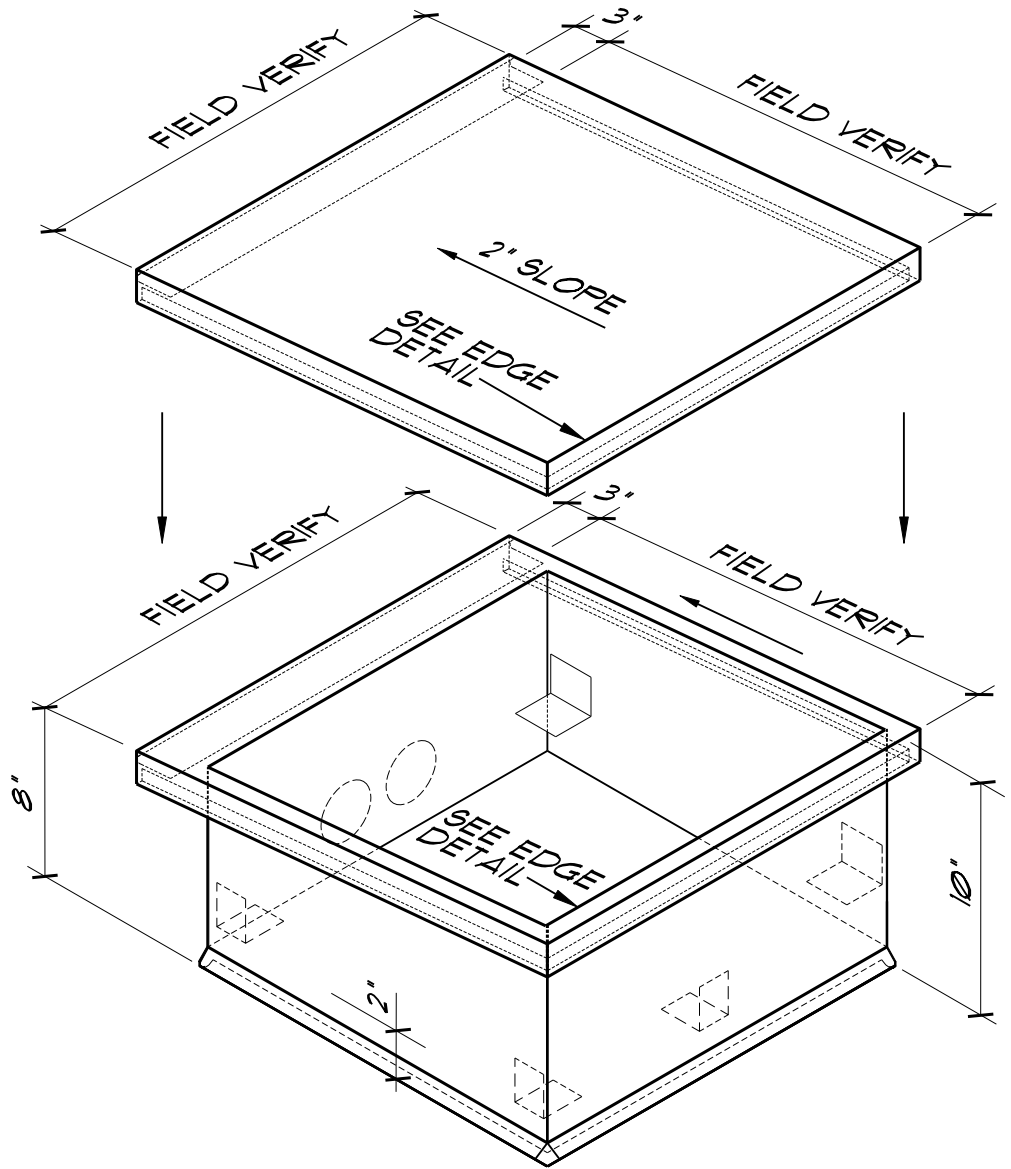
SCALE N.T.S.







**EDGE DETAIL**  
TYP. OF 3 SIDES



NOTE:

1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS  
TO FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED.



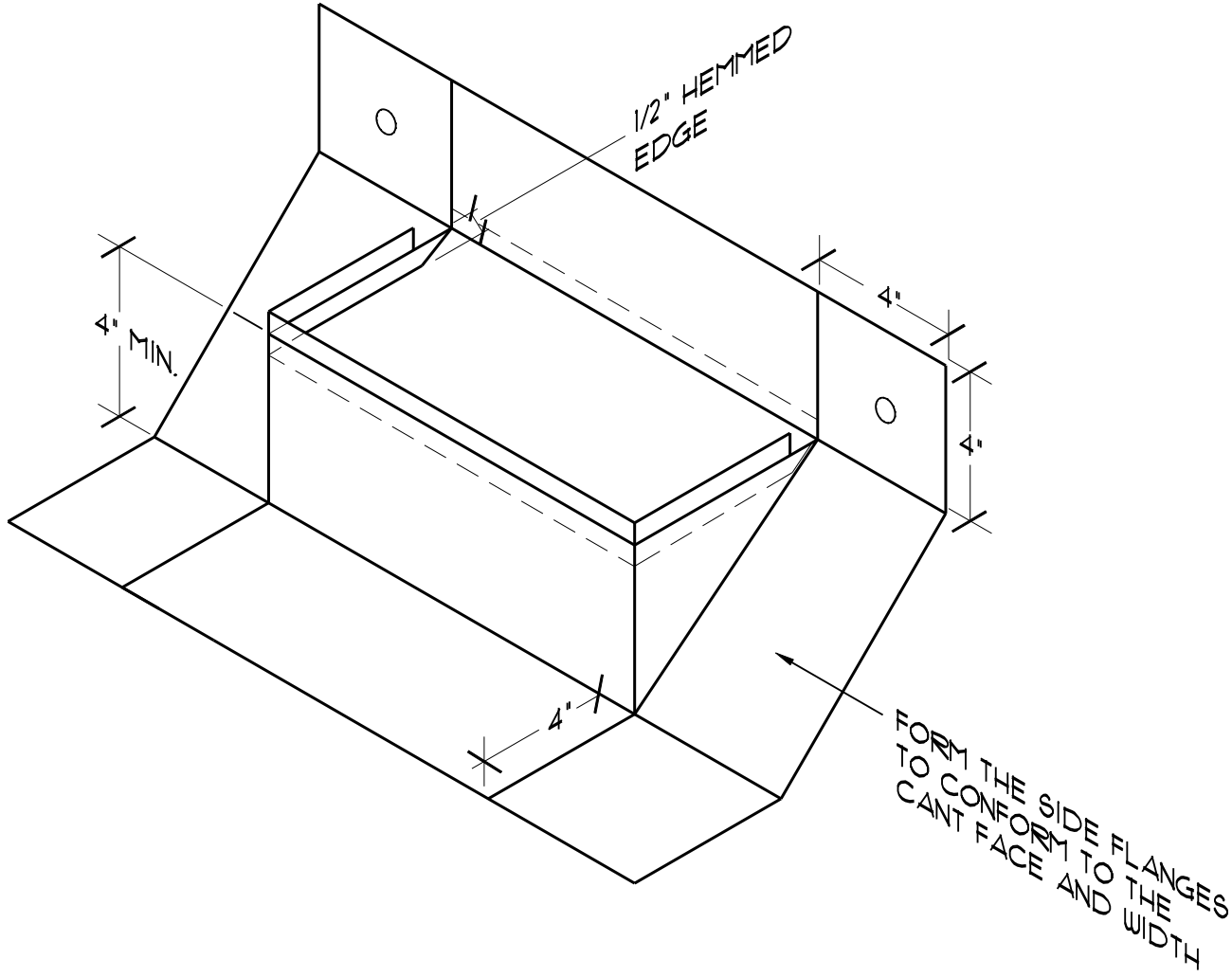
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TITLE WEATHERHEAD FABRICATION

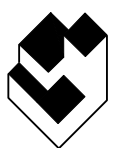
SCALE N.T.S.





NOTE:

1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS  
TO FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED.
3. PITCH PAN WALLS SHALL  
EXTEND BEYOND THE  
PENETRATION BY A MIN.  
OF 2" IN ALL DIRECTIONS.



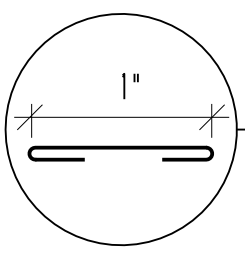
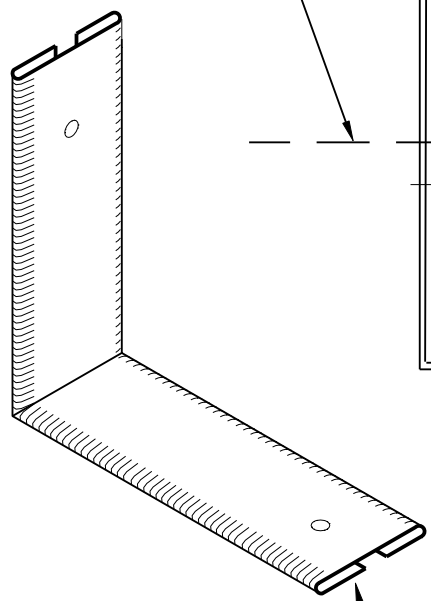
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TITLE THREE SIDED PITCH PAN  
  
SCALE N.T.S.



RING SHANK  
NAILS @ 12" O.C.

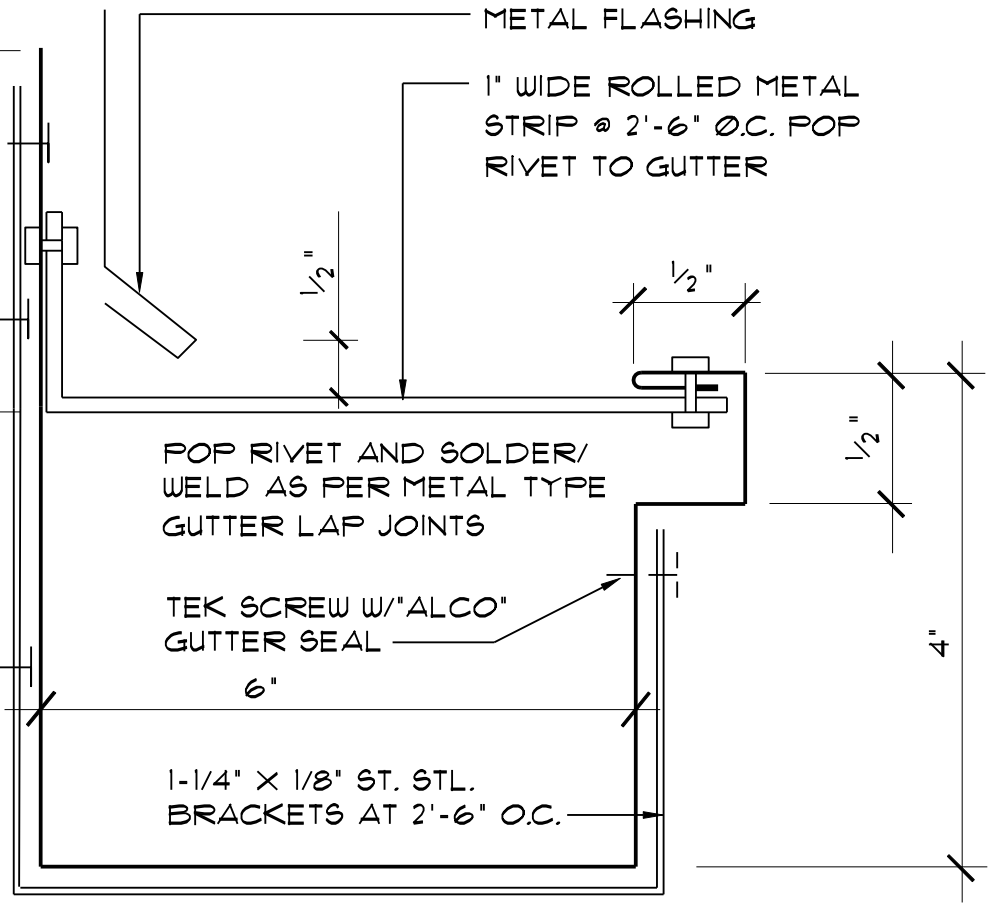
MECH. FASTENERS  
INTO BLOCKING  
AND DECK



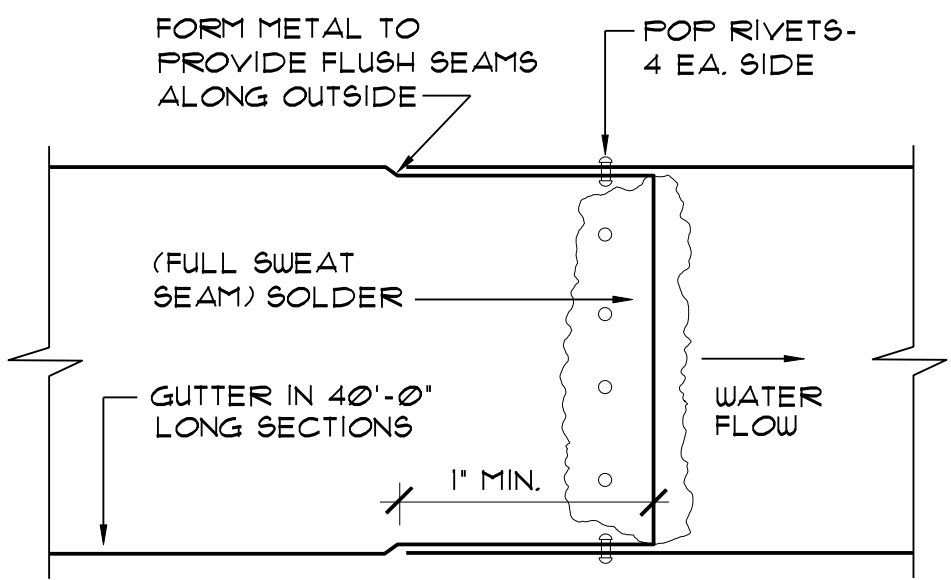
### GUTTER STRAP

**NOTES:**

1. SOLDER/WELD (AS PER - METAL TYPE ) ALL LAPS & CORNER INSERT TO FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED

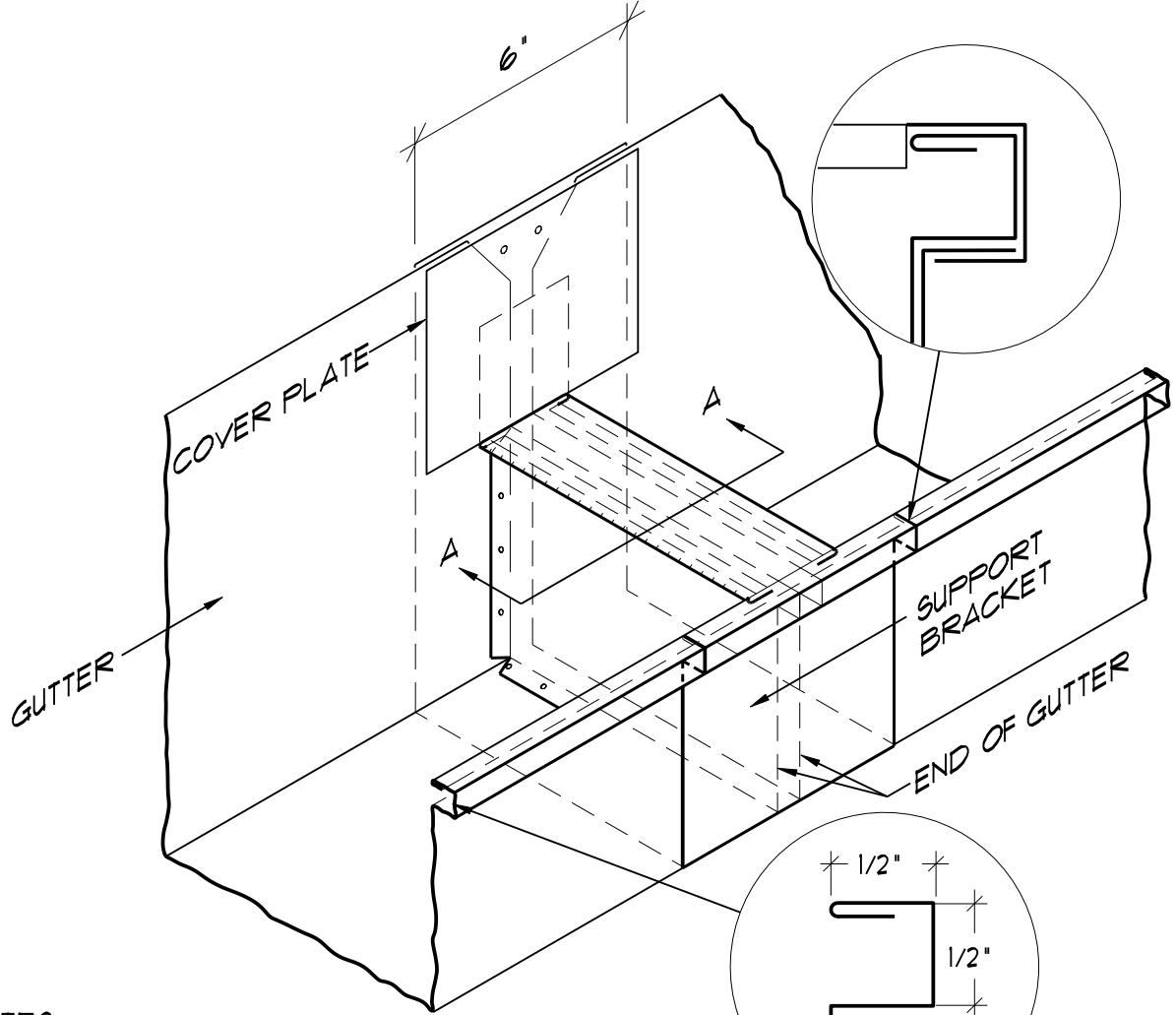


### GUTTER SECTION



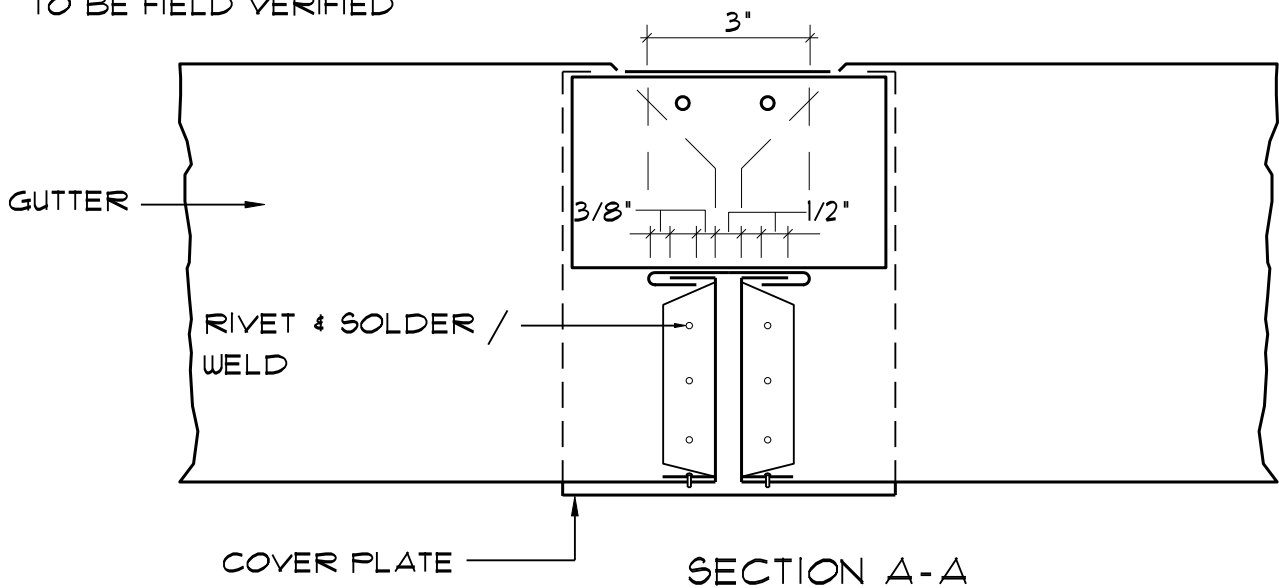
### GUTTER LAP JOINT





**NOTES:**

1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED



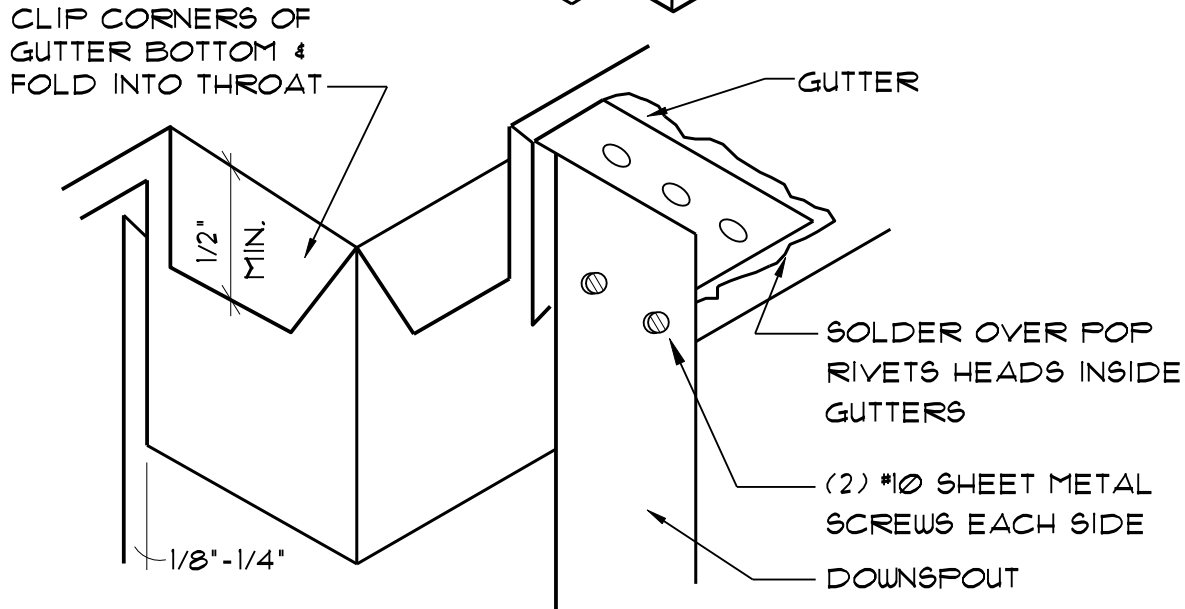
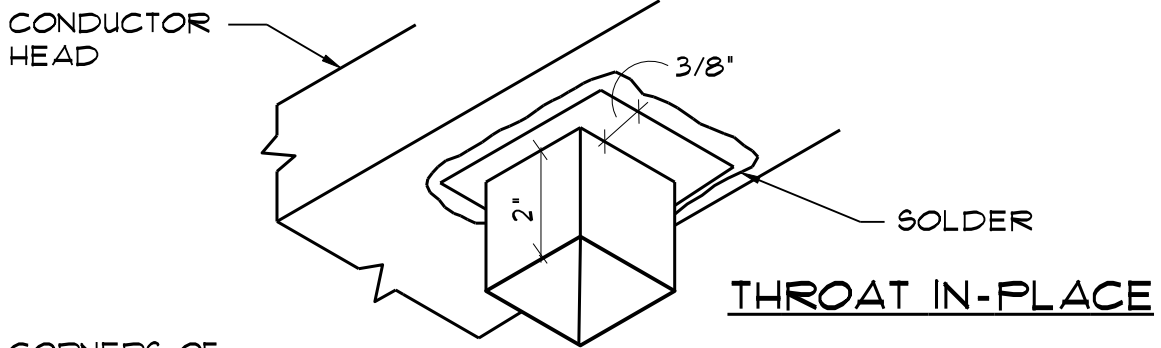
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TITLE GUTTER EXPANSION JOINT  
DETAIL

SCALE 3" = 1'-0"





**D.S. CONNECTION DETAIL**

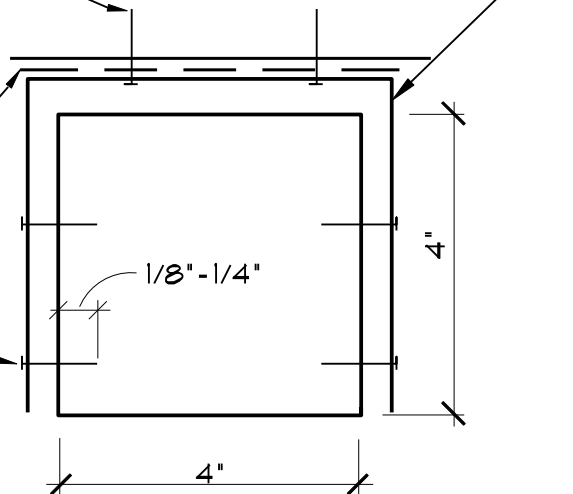
2 MECHANICAL FASTENERS  
1/4" ZAMAC DRIVE PINS

BRACKETS - 3 MINIMUM  
1/8" X 1" STAINLESS STEEL

EXISTING STRUCTURE

**NOTES:**

1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
  2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED
- FLASHING TAPE
- #10 SHEET METAL SCREWS (2) EACH SIDE. EPOXY FILL SCREW SLOTS @ TWO LOWEST BRACKETS



**D.S. BRACKET SECTION**

INSTALL BRACKETS 12" FROM TOP & BOTTOM OF DOWNSPOUT & 4'-0" MAX. IN BETWEEN- TYP.



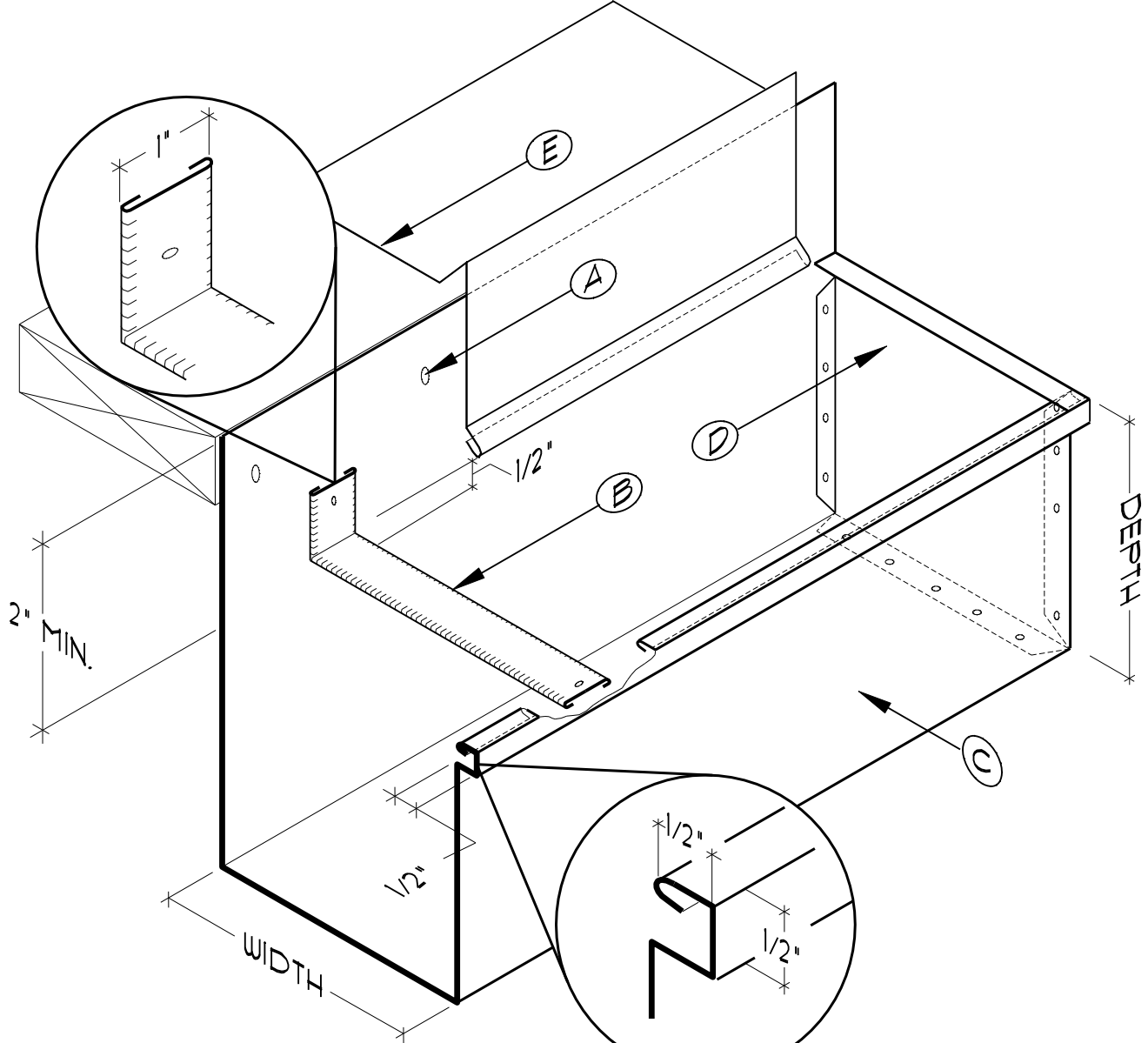
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TITLE DOWNSPOUT/ GUTTER CONNECTION

SCALE N.T.S.





- A. RING SHANK NAILS @ 12" O.C
- B. 1" WIDE ROLLED METAL STRIP @ 2'-6" O.C. POP RIVET TO GUTTER
- C. GUTTER WITH HEM EDGE PER (H.701)
- D. GUTTER END CLOSURE
- E. DRIP METAL - SEE DETAIL (H.101)

NOTES:

1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED



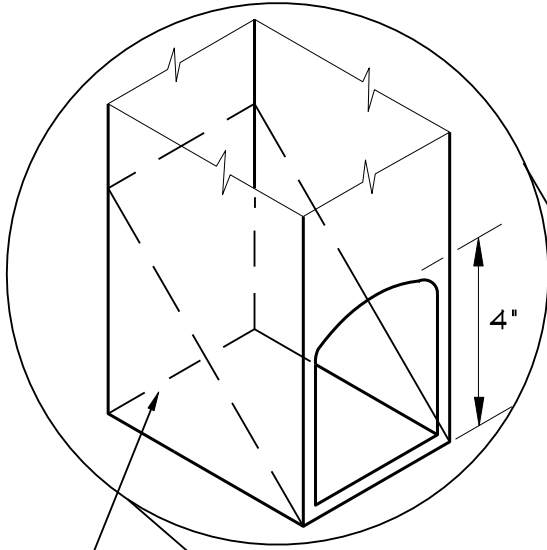
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TITLE GUTTER & END CLOSURE  
 DETAIL, SIZE CHART  
SCALE N.T.S.

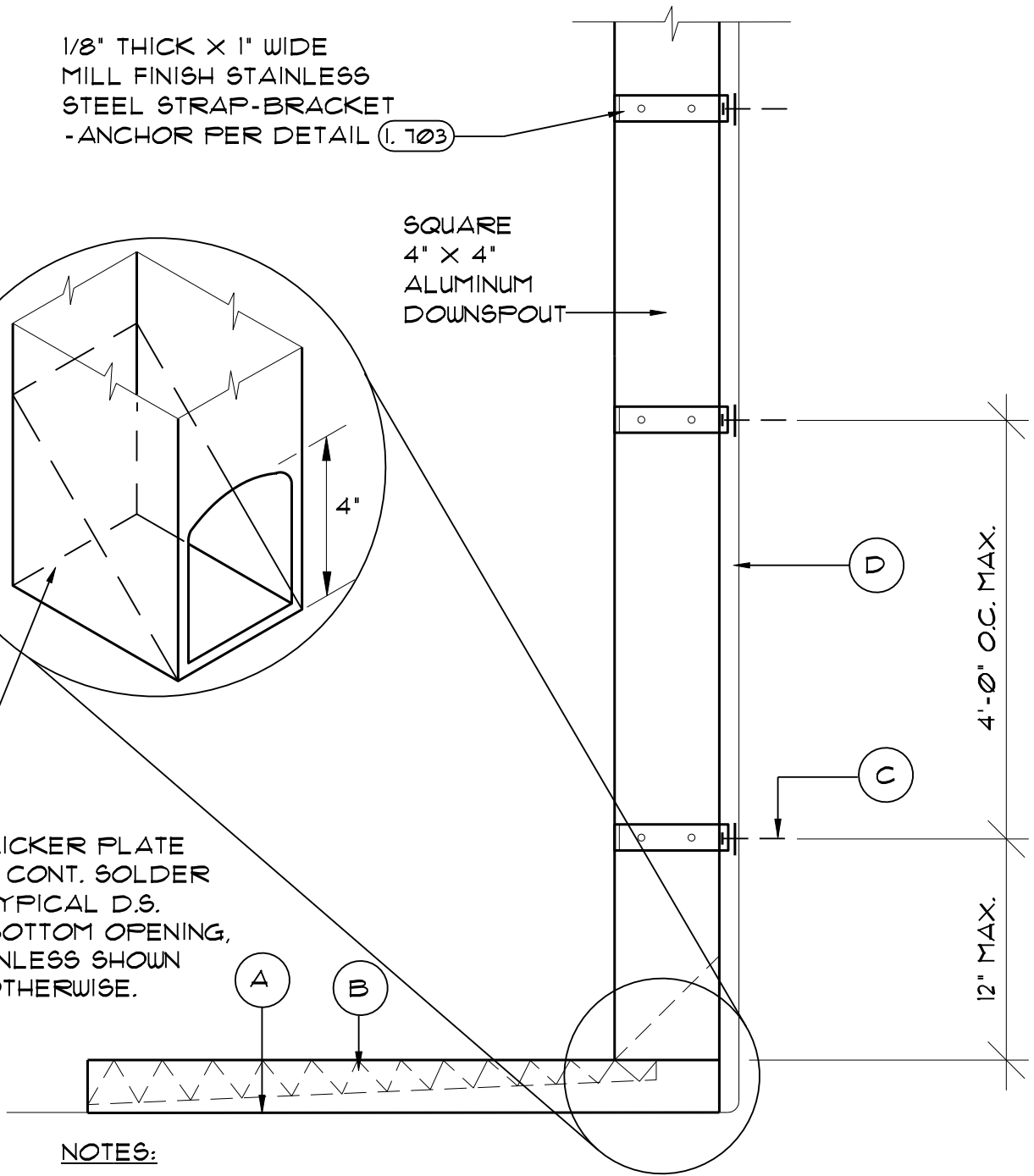


1/8" THICK X 1" WIDE  
MILL FINISH STAINLESS  
STEEL STRAP-BRACKET  
-ANCHOR PER DETAIL (I.703)

SQUARE  
4" X 4"  
ALUMINUM  
DOWNSPOUT



KICKER PLATE  
- CONT. SOLDER  
TYPICAL D.S.  
BOTTOM OPENING,  
UNLESS SHOWN  
OTHERWISE.



**NOTES:**

1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
  2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED
- A. EXISTING PAVEMENT OR GRASS  
B. CONCRETE SPLASH BLOCK - SEE DETAIL (H.706)  
C. 1/4" X 2-1/2" ZAMAC DRIVE PINS (TWO TYPICAL).  
D. EXISTING COLUMN OR WALL SURFACE



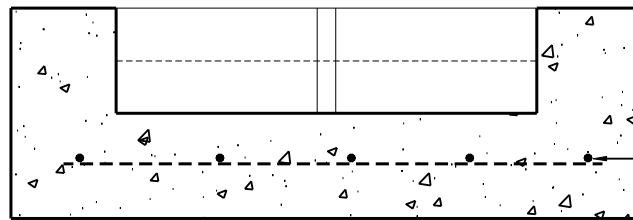
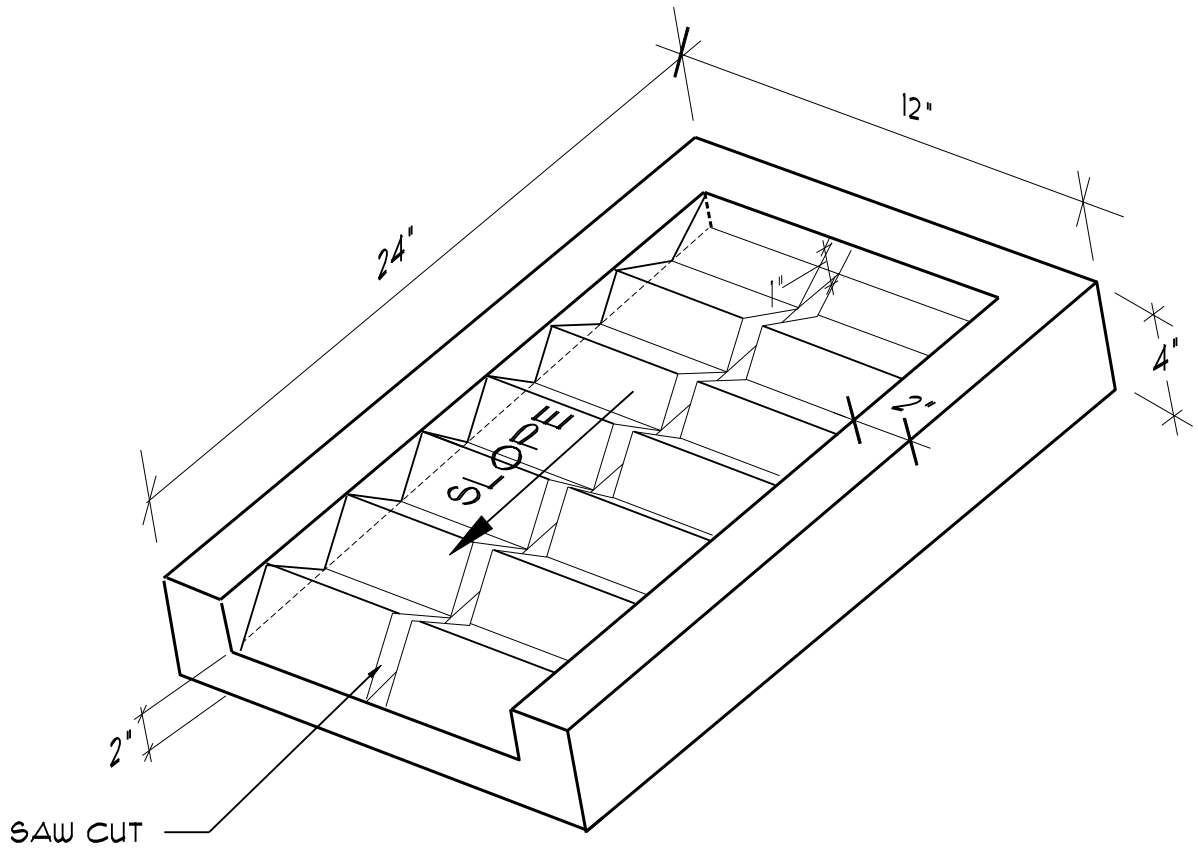
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TITLE DOWNSPOUT & KICKER  
PLATE DETAIL

SCALE N.T.S.





2X2-10/10 GALV. W W MESH

NOTE: BLOCK SHALL BE SOLID CONCRETE -  
 SET BLOCK ON SOLID, LEVEL GROUND  
 SET ONE SPLASH BLOCK AT EACH  
 DOWNSPOUT LOCATION UNLESS OTHERWISE  
 INDICATED ON THE PLANS.



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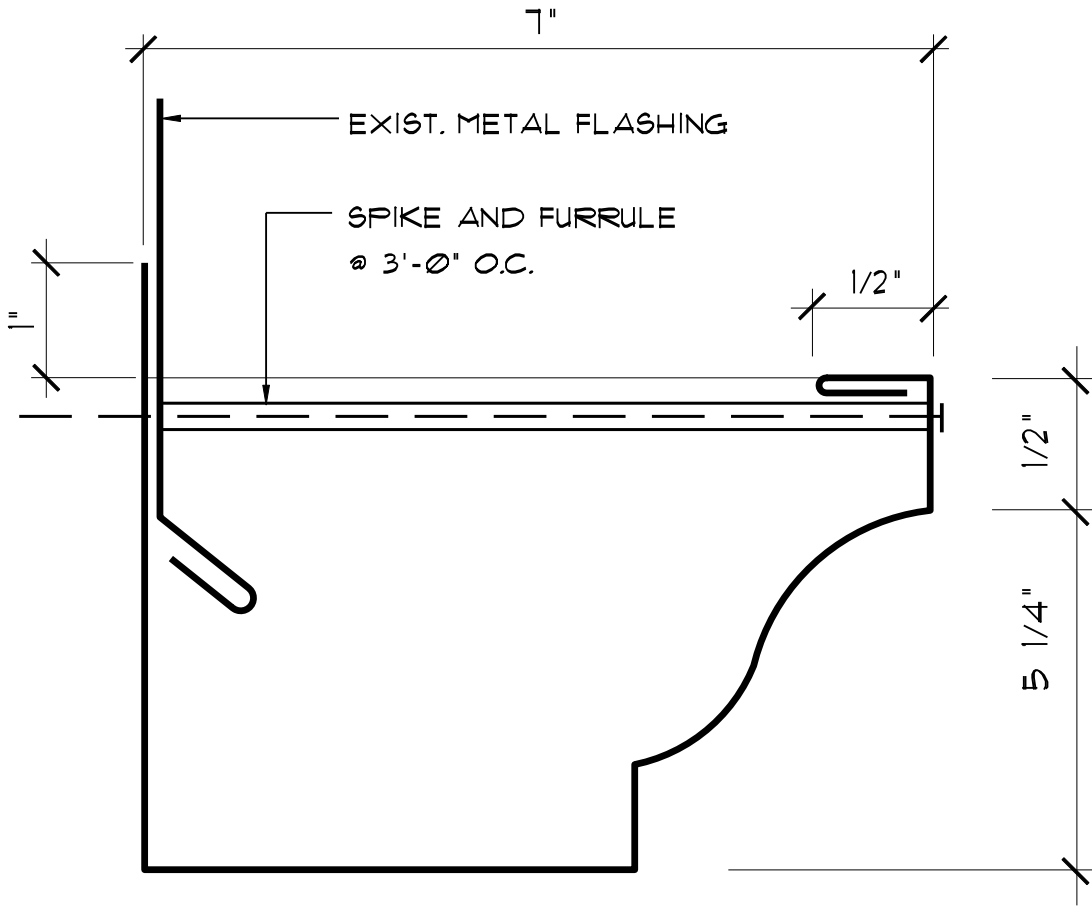
TITLE CONC. SPLASH BLOCK

SCALE N.T.S.

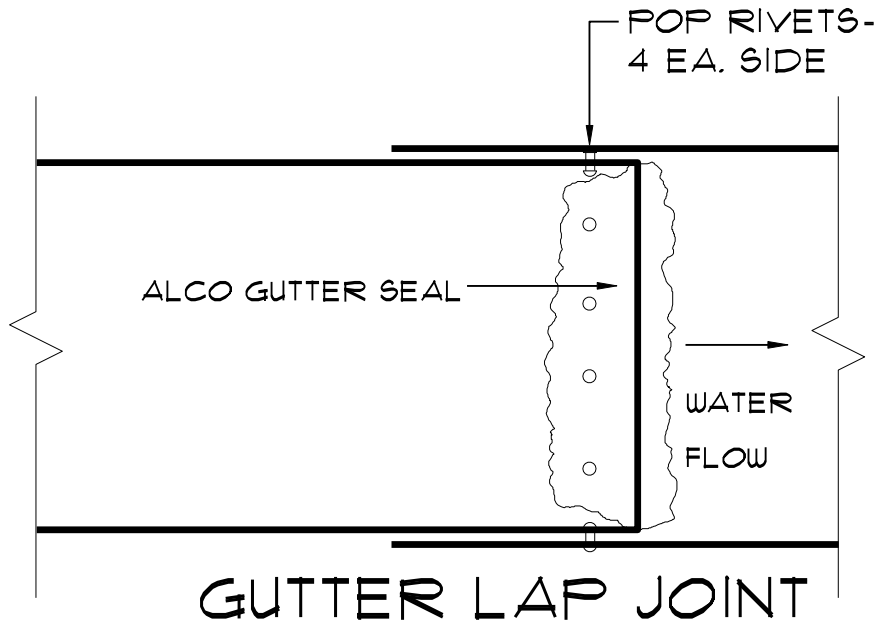




PROJECT NUMBER: 15036.00 PLOT SCALE: 3" = 1'-0" DATE: .. ACAD FILE # 15036HT07



### "K" STYLE GUTTER SECTION



### GUTTER LAP JOINT

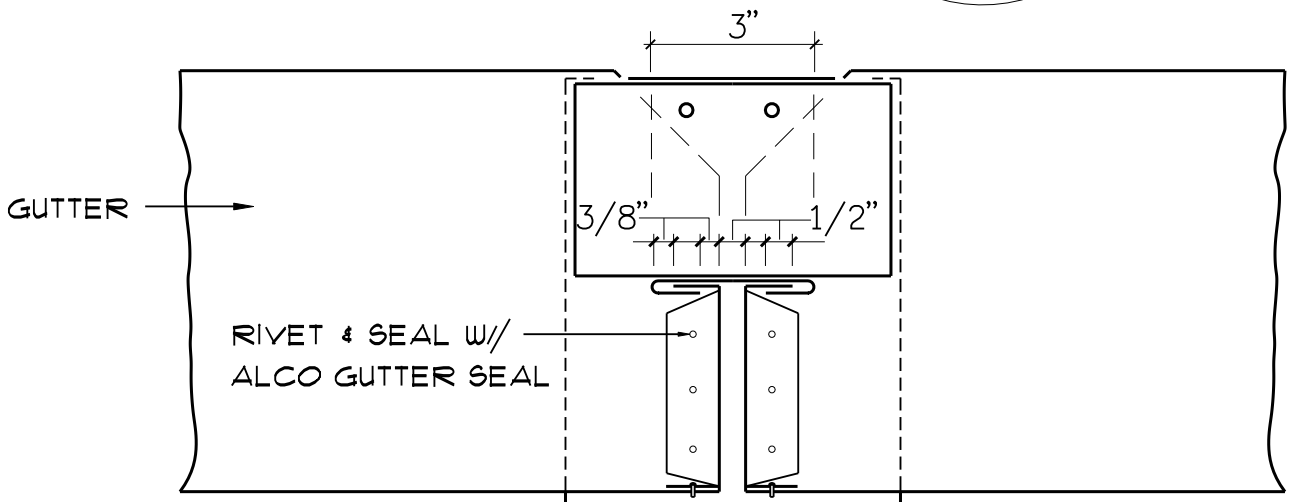
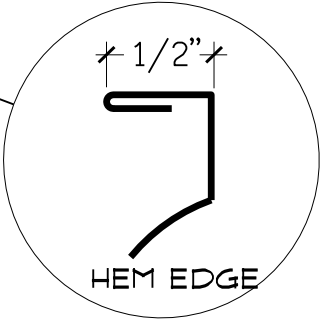
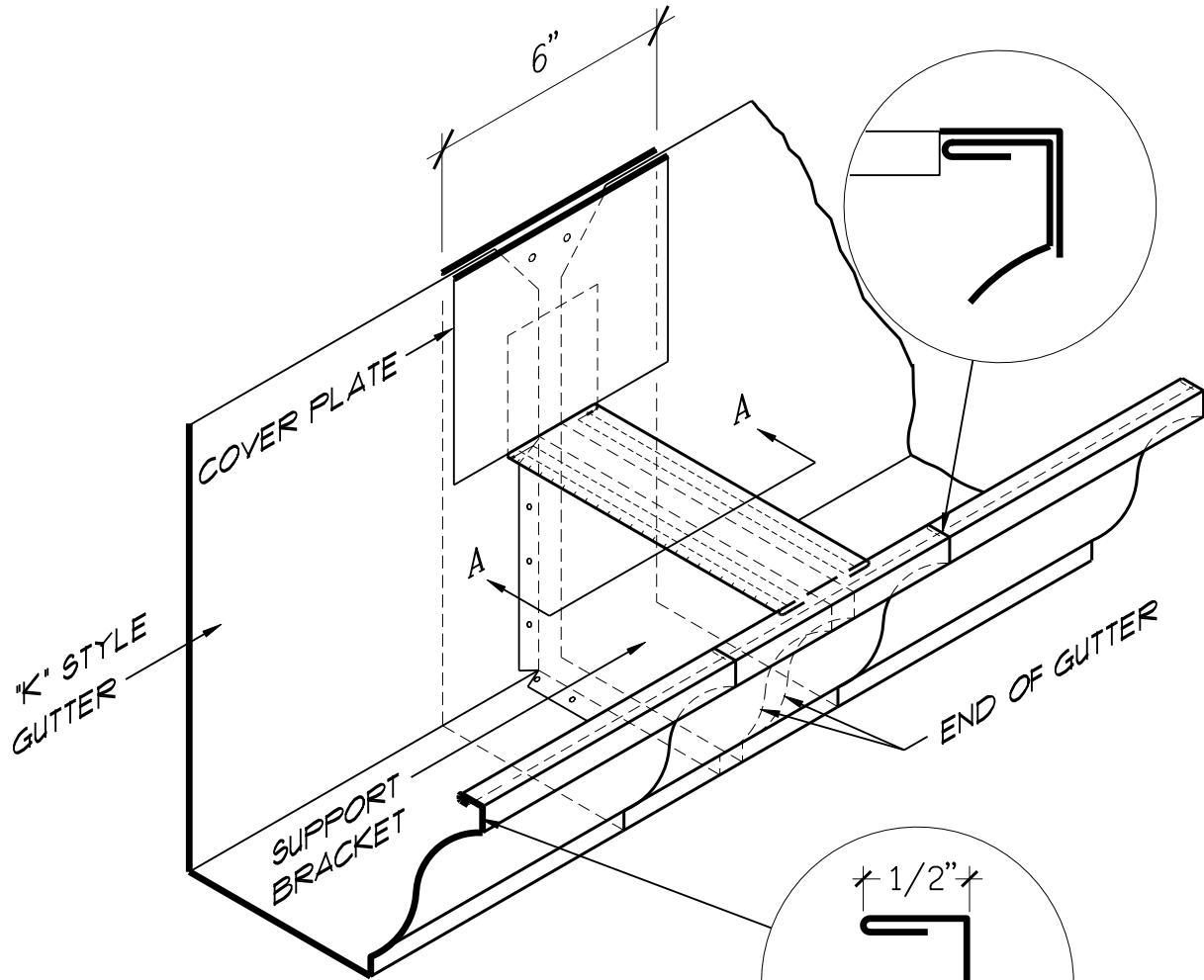


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TITLE GUTTER FABRICATION

SCALE N.T.S.





SECTION A-A



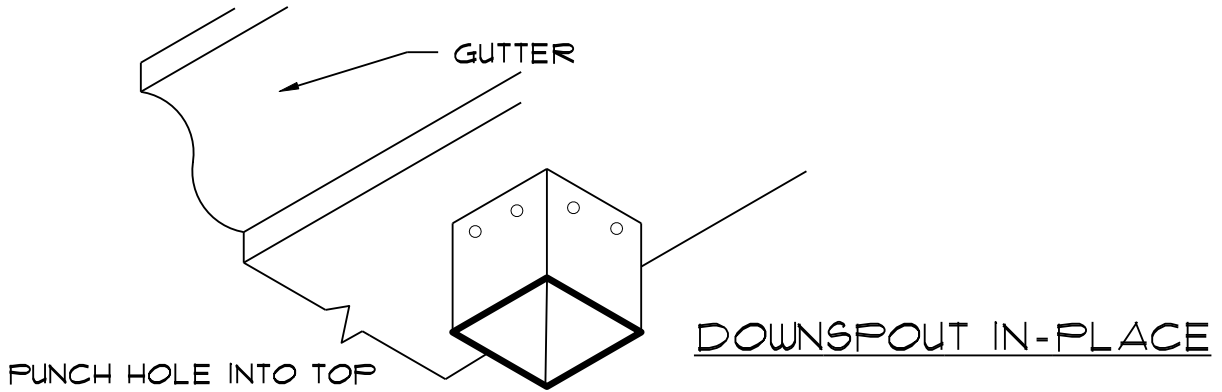
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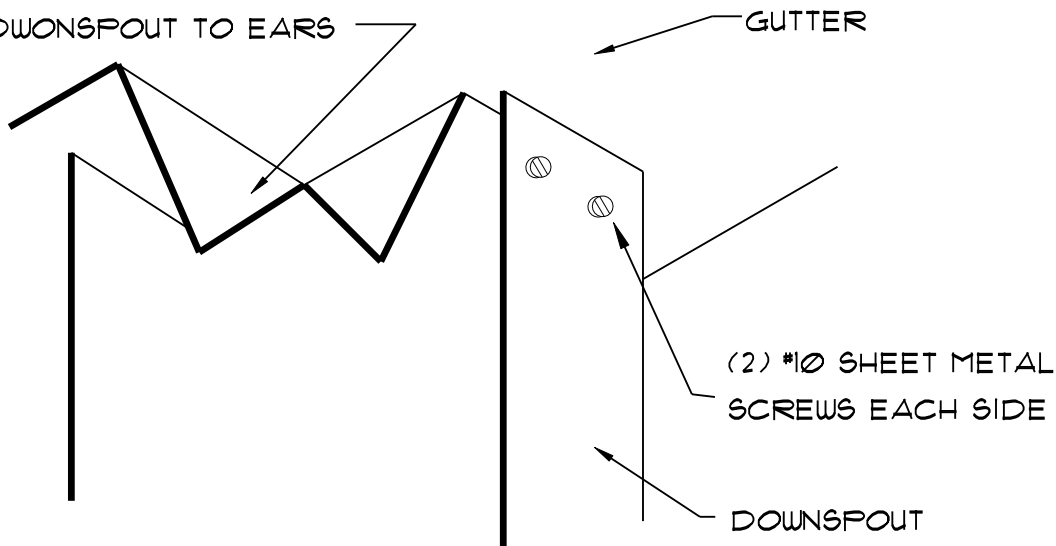
TITLE **GUTTER EXPANSION JOINT  
DETAIL**

SCALE **N.T.S.**

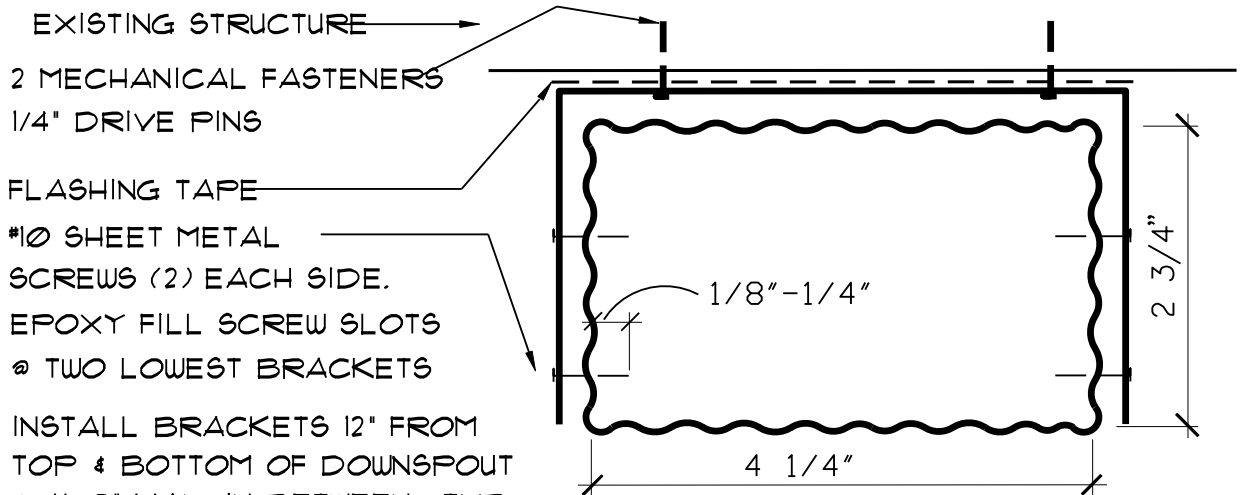




PUNCH HOLE INTO TOP OF GUTTER EARS FOLD DOWN AND ATTACH DOWNSPOUT TO EARS



D.S.CONNECTION DETAIL



EXISTING STRUCTURE  
 2 MECHANICAL FASTENERS  
 1/4" DRIVE PINS  
 FLASHING TAPE  
 #10 SHEET METAL SCREWS (2) EACH SIDE.  
 EPOXY FILL SCREW SLOTS  
 @ TWO LOWEST BRACKETS  
 INSTALL BRACKETS 12" FROM TOP & BOTTOM OF DOWNSPOUT & 4'-0" MAX. IN BETWEEN- TYP.

D.S. BRACKET SECTION

NOTE : VERIFY QUANTITY AND LOCATION OF DOWNSPOUTS TO MEET JOB SITE CONDITIONS.



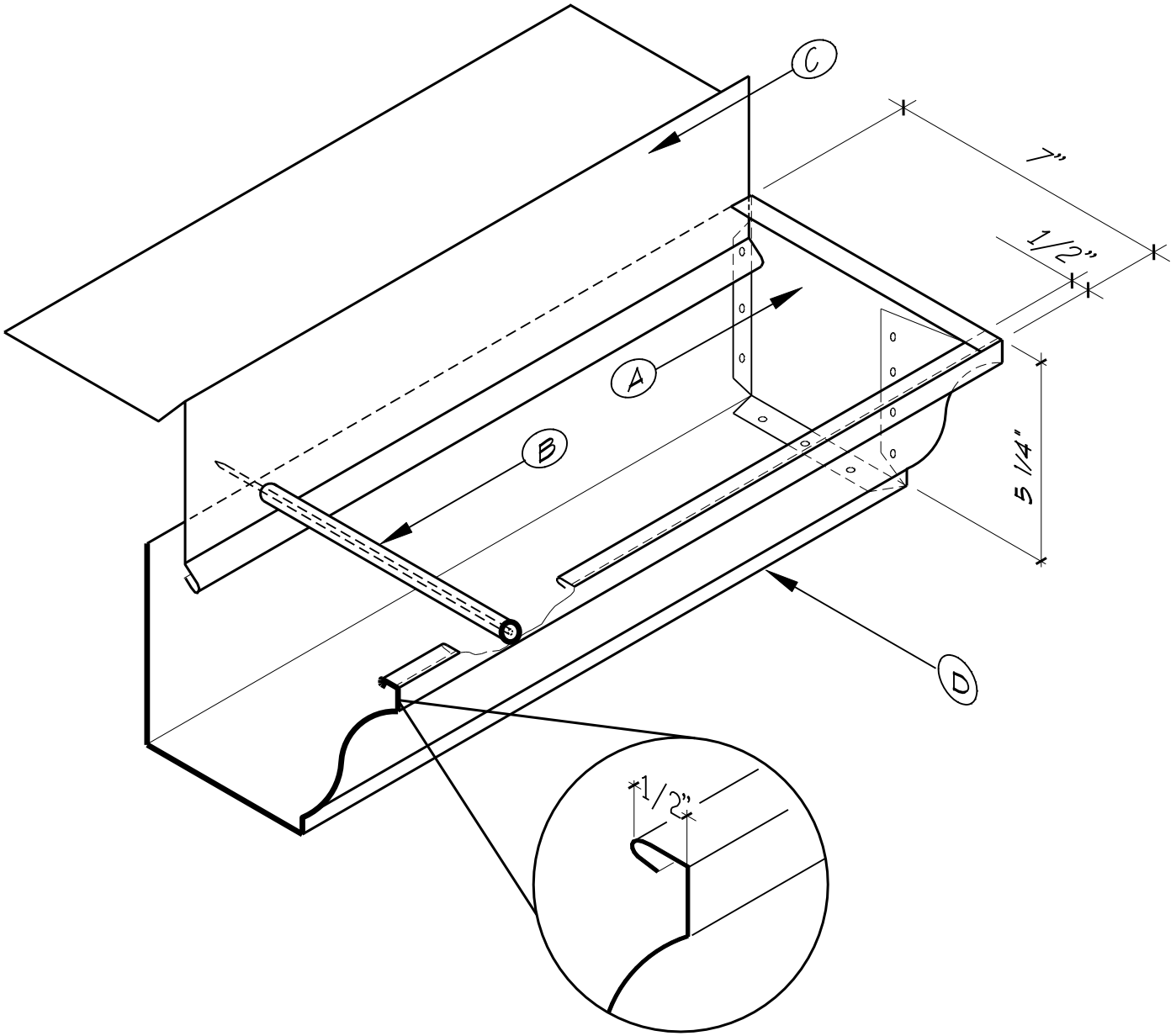
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TITLE **DOWNSPOUT / GUTTER CONNECTION**

SCALE **N.T.S.**





- A. GUTTER END CLOSURE
- B. NEW SPIKE AND FURRULE @ 3' O.C.
- C. EXIST. EDGE METAL
- D. GUTTER WITH HEM EDGE



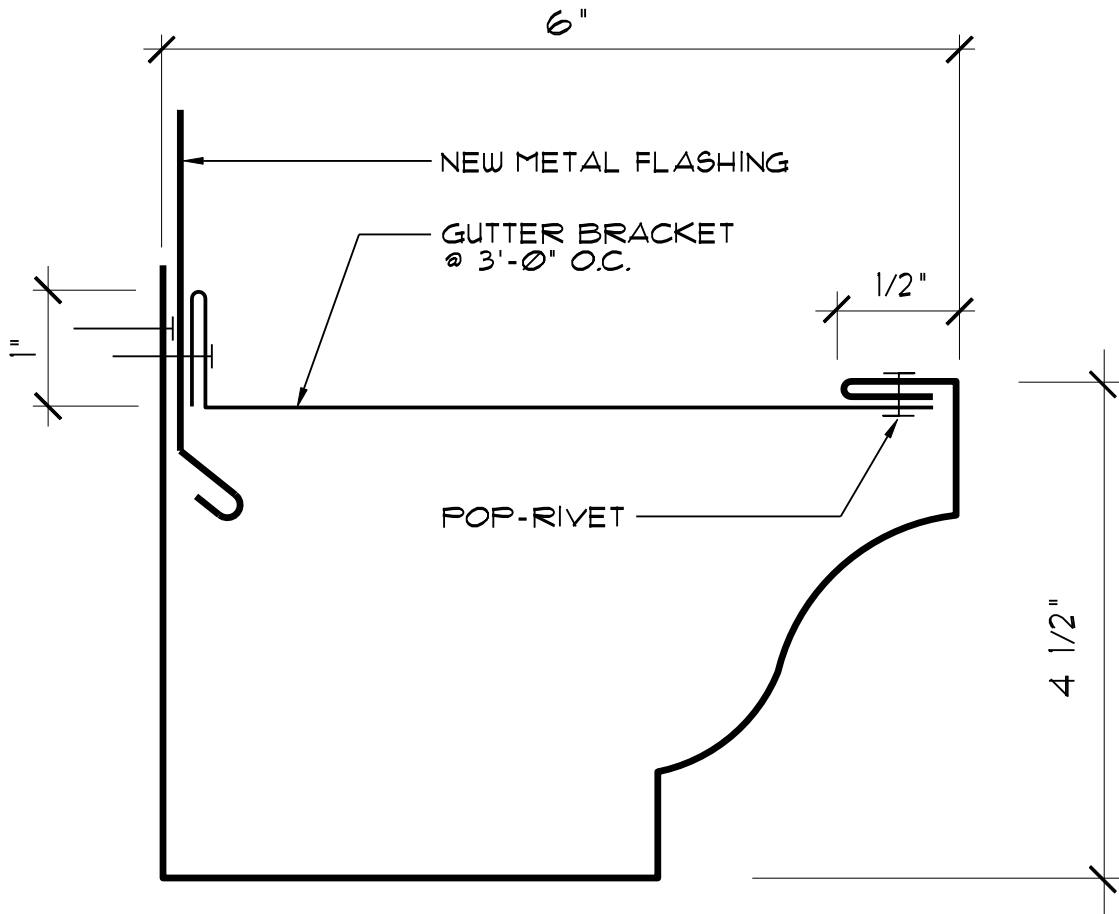
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TITLE GUTTER AND END CLOSURE  
 DETAIL

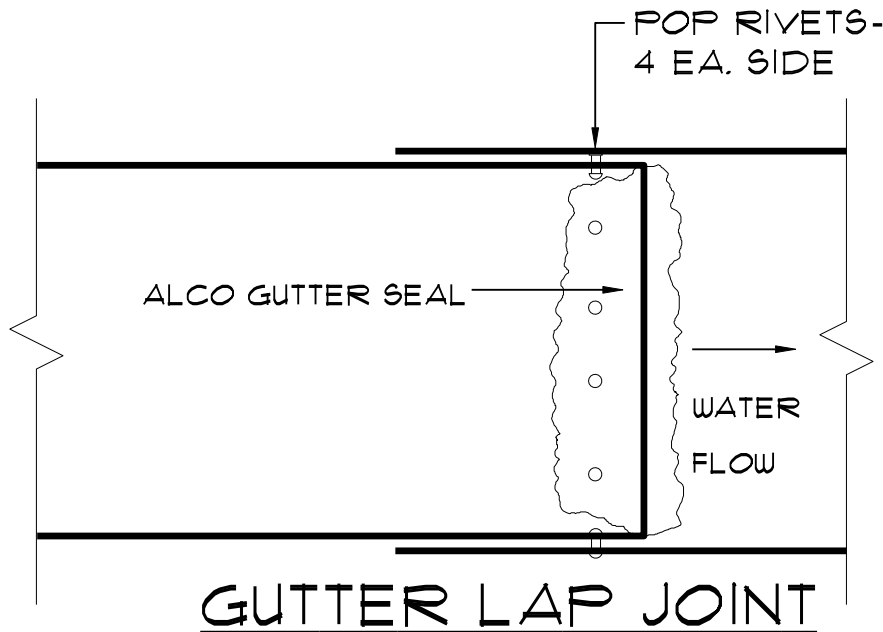
SCALE N.T.S.





# "K" STYLE GUTTER SECTION

MATCH EXIST. CONSTRUCTION AND LOCATION



## GUTTER LAP JOINT



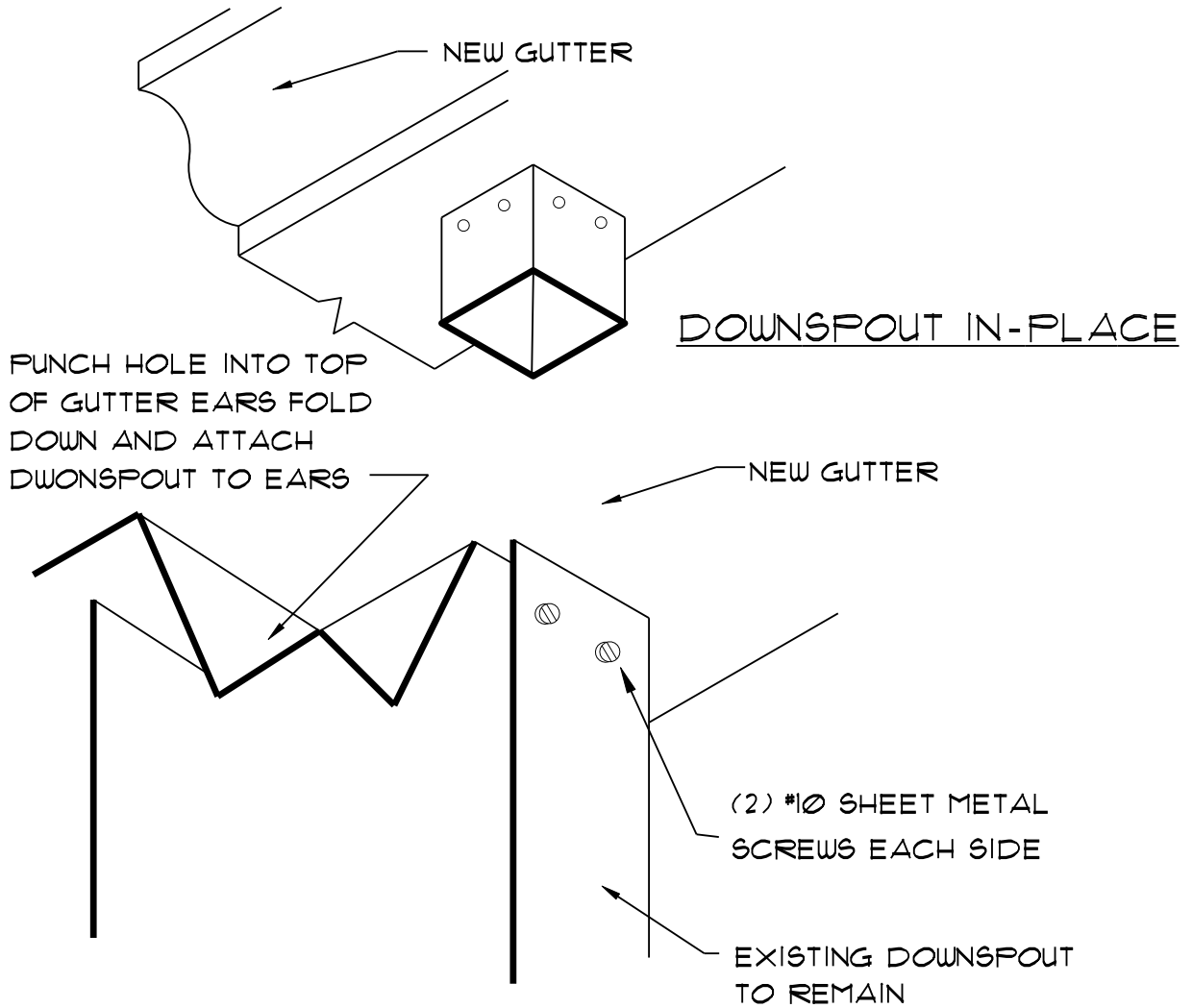
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TITLE GUTTER FABRICATION

SCALE N.T.S.





D.S.CONNECTION DETAIL  
MATCH EXIST. CONSTRUCTION AND LOCATION



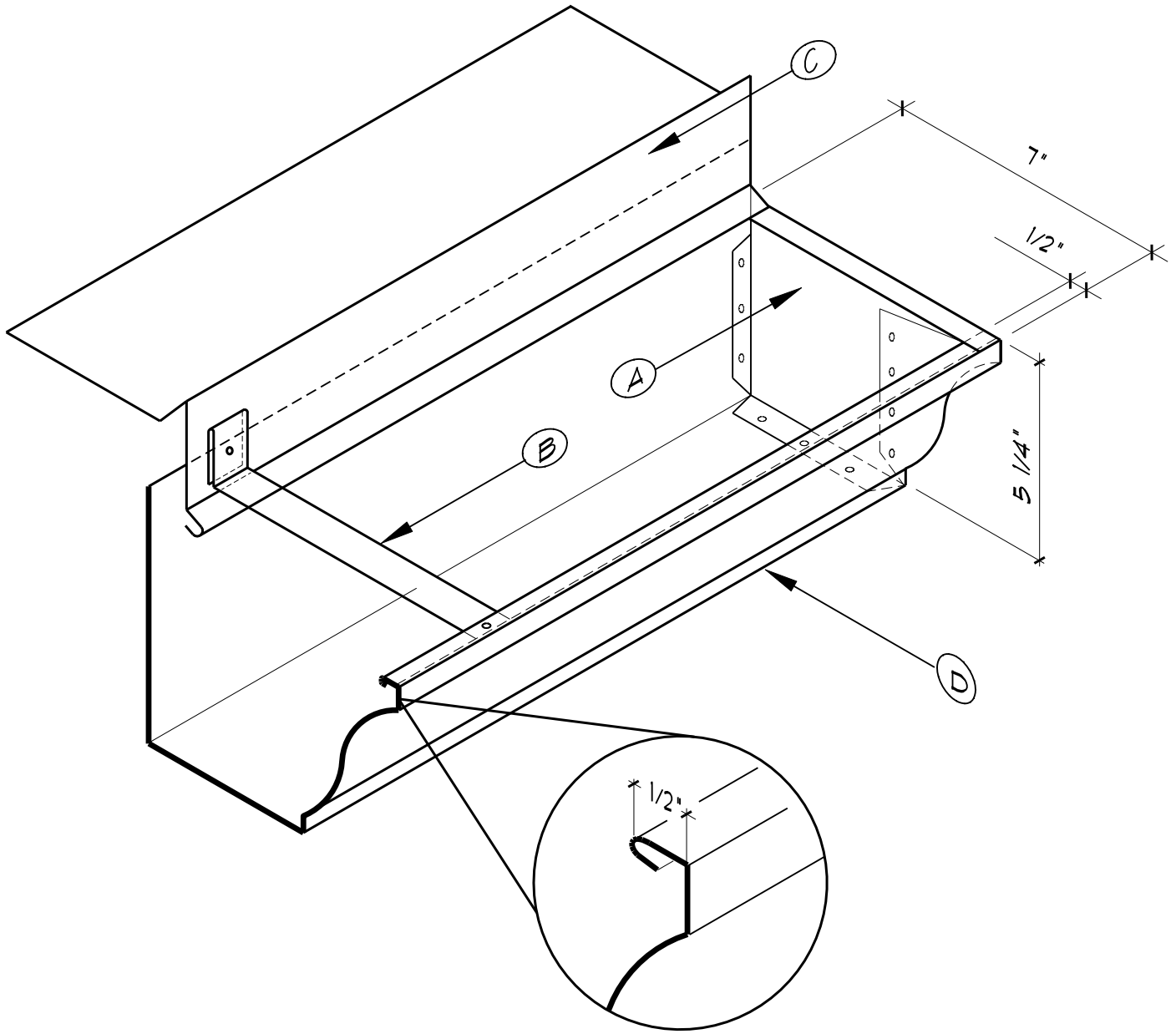
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TITLE DOWNSPOUT / GUTTER CONNECTION

SCALE N.T.S.





MATCH EXIST. CONSTRUCTION AND LOCATION

- A. GUTTER END CLOSURE
- B. GUTTER BRACKET  
@ 3' O.C.
- C. NEW EDGE METAL
- D. NEW GUTTER WITH HEM EDGE



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TITLE GUTTER AND END CLOSURE  
DETAIL

SCALE N.T.S.



BEND DOWN 45 DEG. IN FIELD TO FORM LIP W/ 1/2" HEMED EDGE

SCUPPER

SEALANT

WALL

SECTION AT WALL

24 GA. ST. STL. ESCUTCHEON W/ 1/2" HEMED EDGE

FIELD VERIFY WALL THK.

ONE-PIECE, EPOXIED 0.040" PVC COATED ALUM. SCUPPER FABRICATION - HEAT WELD PVC STRIPS OVER ALL JOINTS

FIELD BEND OVER ESCUTCHEON PER DETAILS & APPLY SEALANT

BEND DOWN 45 DEG. IN FIELD TO FORM LIP W/ 1/2" HEMED EDGE

NOTE:

- 1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
- 2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED.
- 3. SLEEVE TO BE ON THE OUTSIDE OF SCUPPER

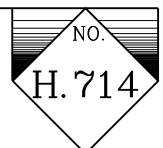


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TITLE OVERFLOW SCUPPER FABRICATION DETAIL

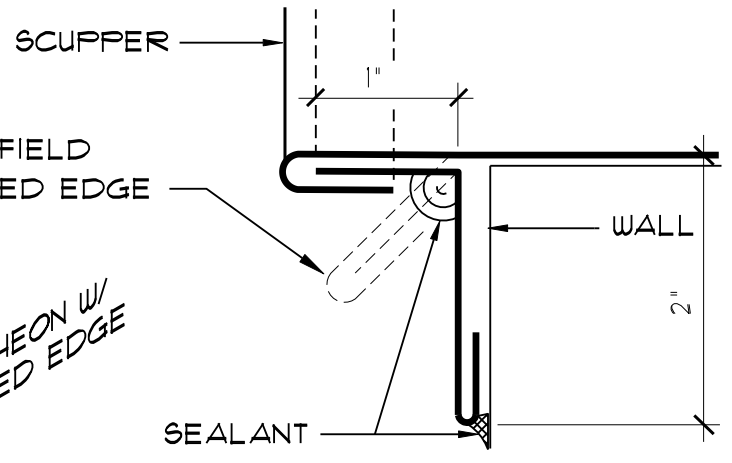
SCALE N.T.S.



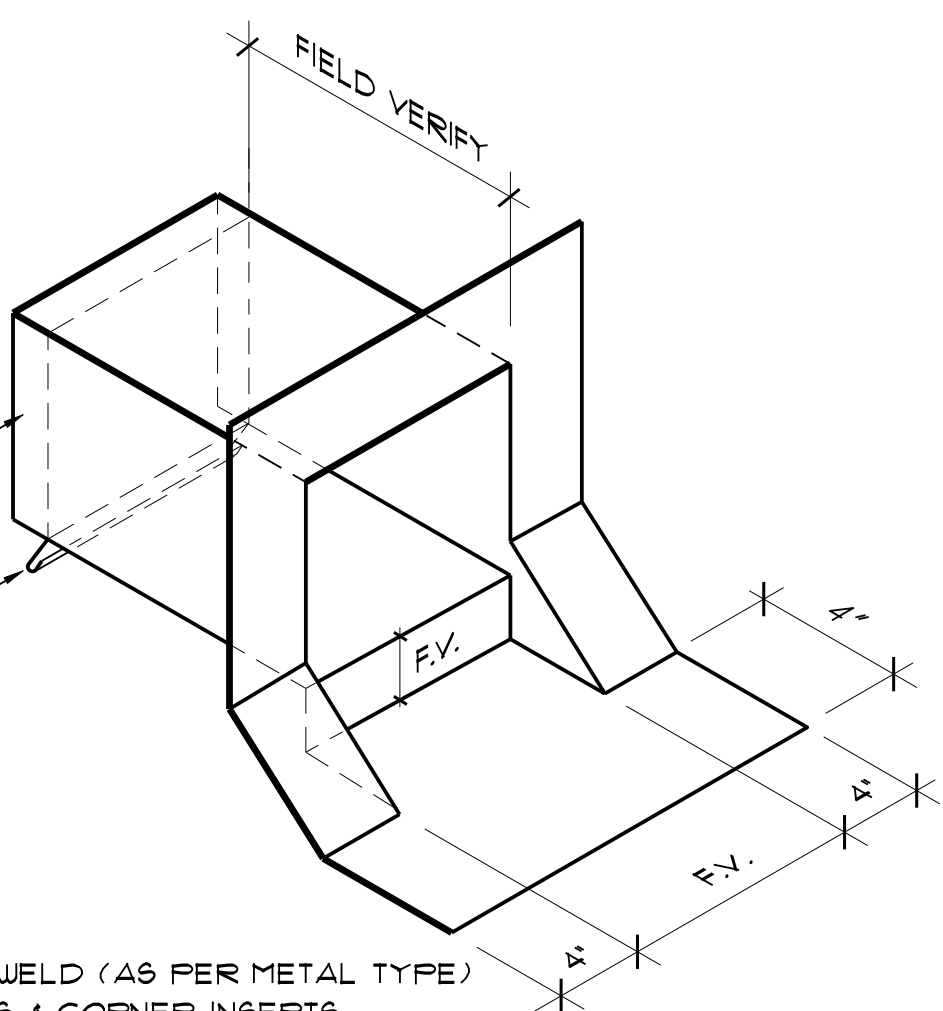
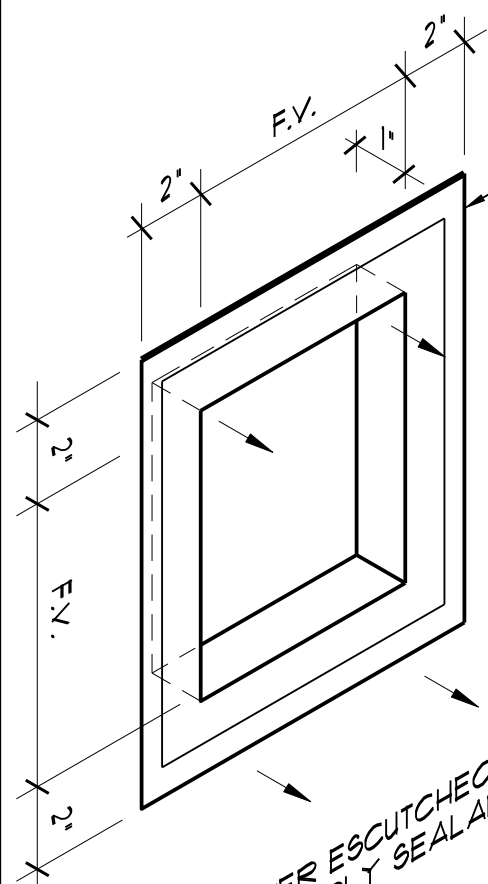


PROJECT NUMBER: 15036.00 ACAD FILE # 15036H715 PLOT SCALE : 3" = 1'-0" DATE: ..

BEND DOWN 45 DEG. IN FIELD TO FORM LIP W/ 1/2" HEMED EDGE



SECTION AT WALL



FIELD BEND OVER ESCUTCHEON PER DETAILS & APPLY SEALANT  
 BEND DOWN 45 DEG. IN FIELD TO FORM LIP W/ 1/2" HEMED EDGE

**NOTE:**  
 SOLDER/WELD (AS PER METAL TYPE)  
 ALL LAPS & CORNER INSERTS  
 TO FORM ONE CONTINUOUS PIECE  
 DIMENSIONS NOT GIVEN  
 TO BE FIELD VERIFIED.

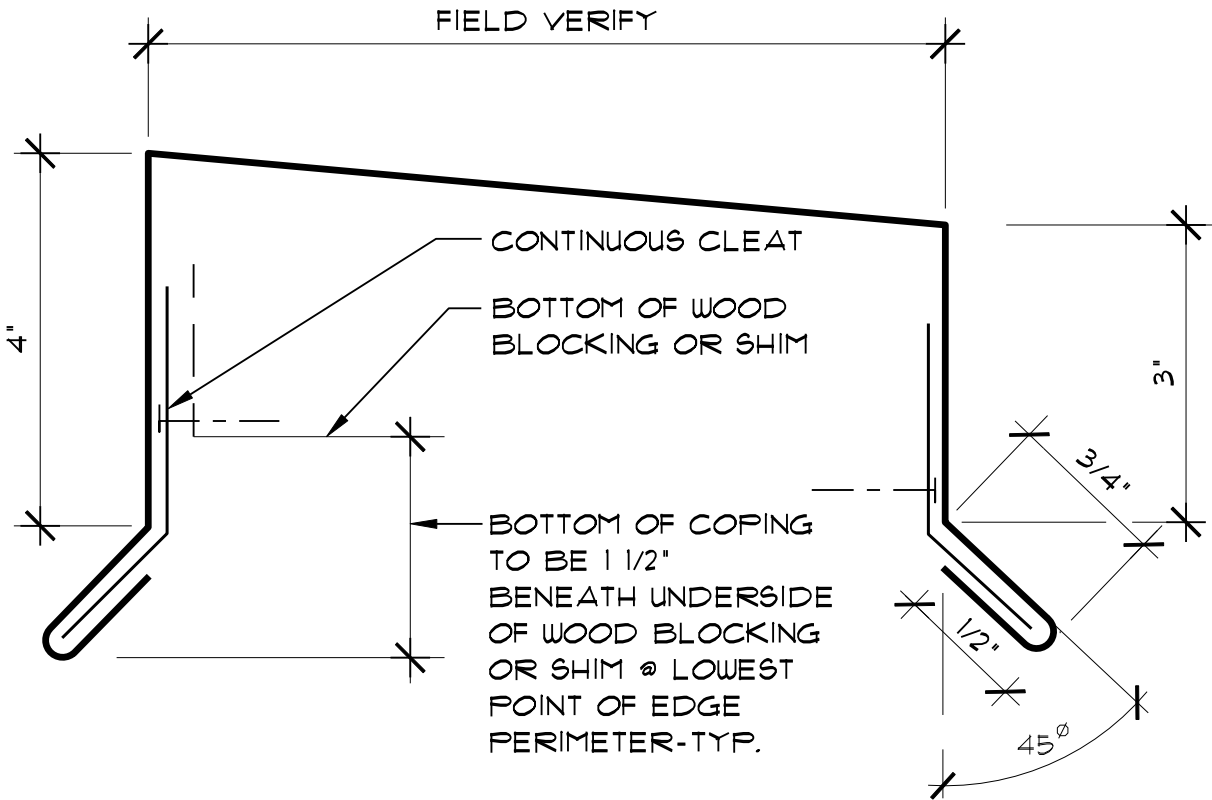
SLEEVE TO BE ON THE OUTSIDE OF SCUPPER



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TITLE OVERFLOW SCUPPER  
 FABRICATION DETAIL  
SCALE N.T.S.





NOTES:

1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED



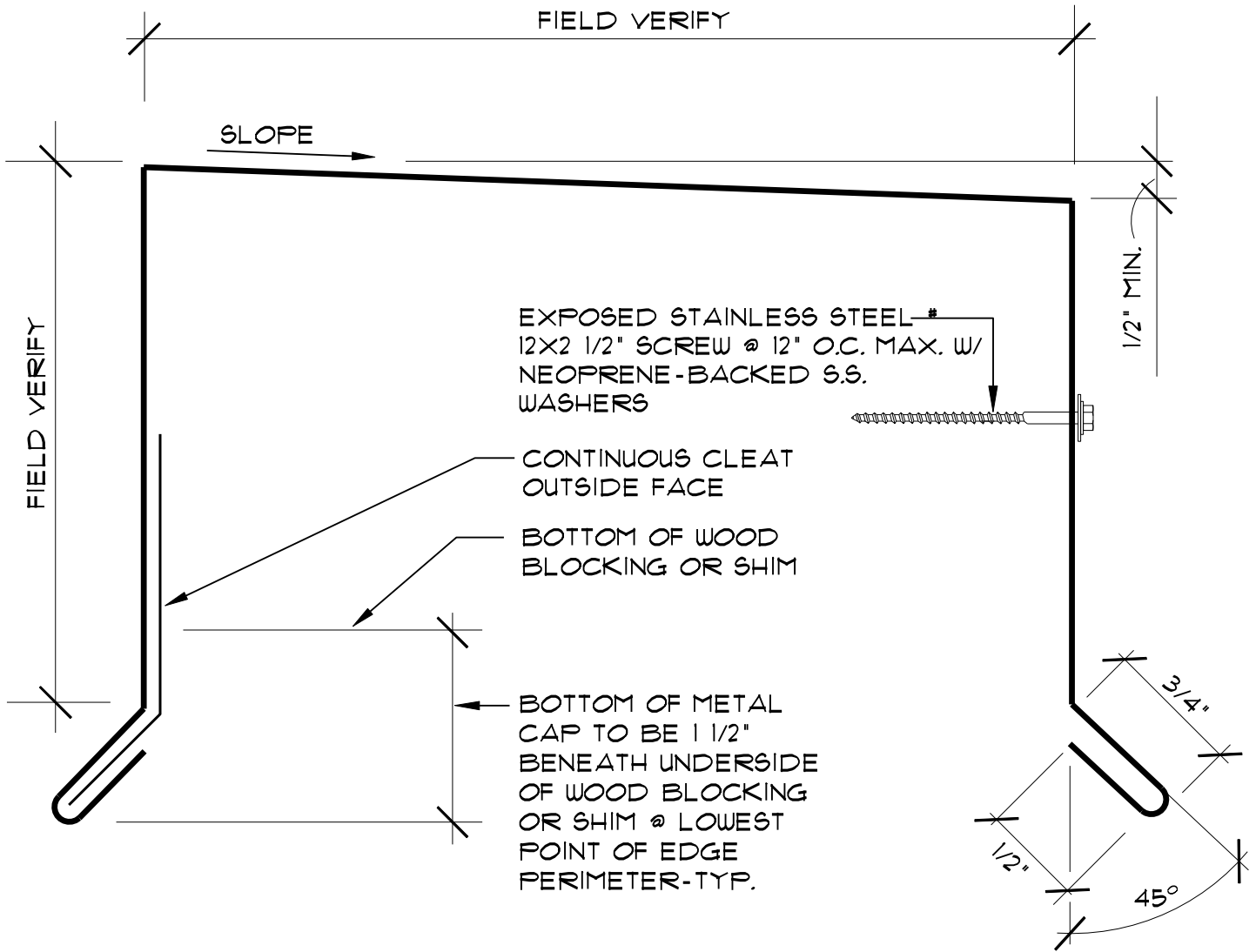
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TITLE PARAPET CAP FABRICATION

SCALE N.T.S.





NOTES:

1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED
3. FOR SPLICE CLEAT JOINT,  
SEE DETAIL (H.803)



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TITLE PARAPET COPING CAP  
FABRICATION

SCALE N.T.S.



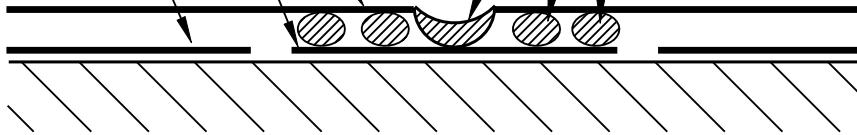
1/8" MIN TO 1/4" MAX - TYP.

PARAPET CAP

SPLICE JT. CLEAT

CONT. CLEAT

CONT. BEAD OF SEALANT @ CENTER & DOUBLE BOTH SIDES OF SPLICE JT. CLEAT- SEALANT TO MATCH COLOR OF METAL

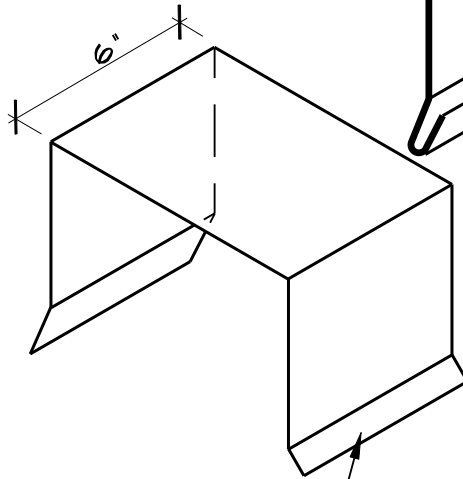
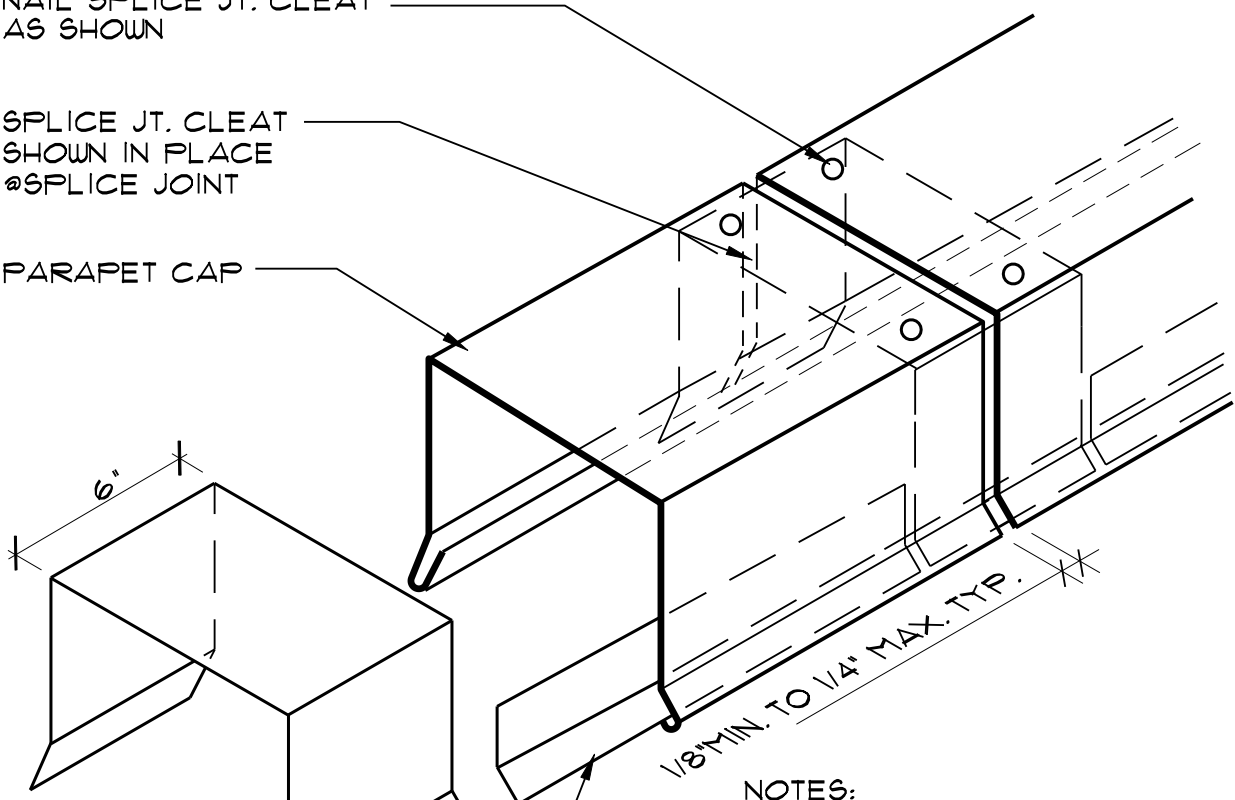


SECTION THRU SPLICE JOINT

NAIL SPLICE JT. CLEAT AS SHOWN

SPLICE JT. CLEAT SHOWN IN PLACE @ SPLICE JOINT

PARAPET CAP



SPLICE JT. CLEAT 6" WIDE @ EACH PARAPET CAP SECTION, 10'-0" MAX.

1/8" MIN. TO 1/4" MAX. TYP.

NOTES:

- 1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
- 2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED

CONT. CLEAT - OUTSIDE FACE ONLY



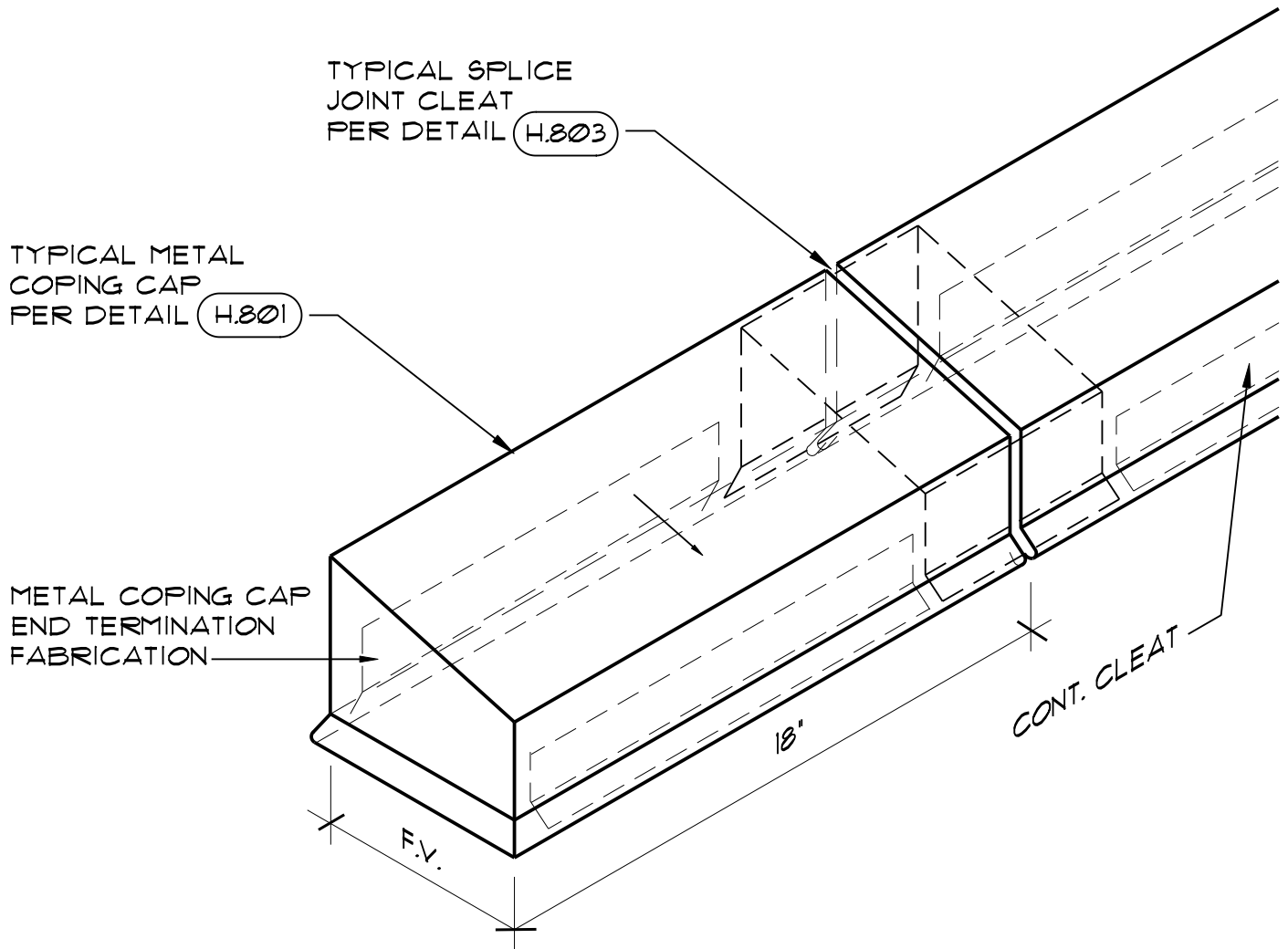
A/R/C Associates Incorporated

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TITLE SPLICE JOINT CLEAT AT COPING CAP

SCALE N.T.S.





NOTES:

1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED



**A/R/C Associates Incorporated**

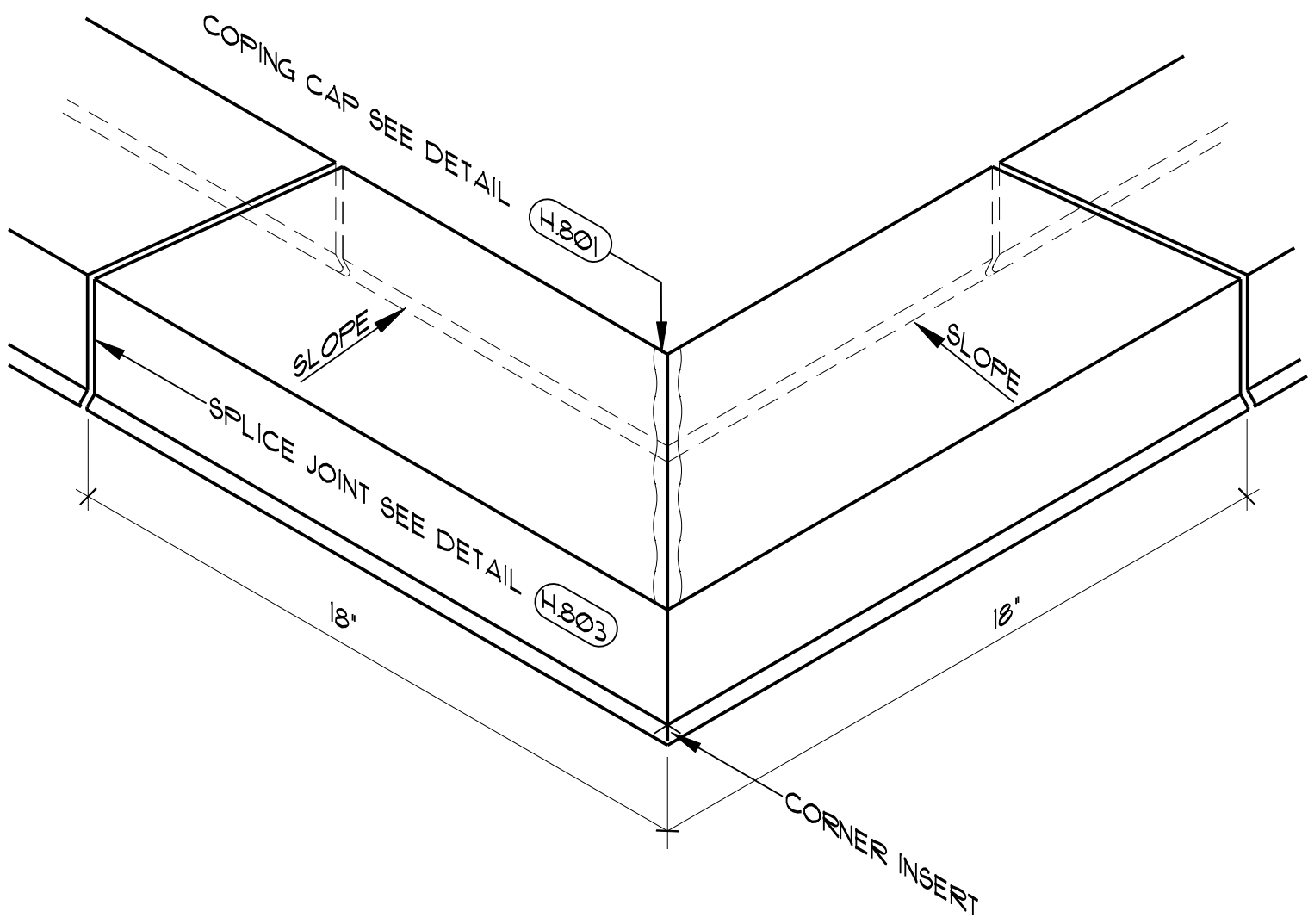
601 NORTH FERN CREEK AVENUE SUITE 100  
ORLANDO, FLORIDA 32803-4899  
TEL. (407)896-7875 FAX. (407)898-6043

TITLE COPING CAP END  
TERMINATION

SCALE N.T.S.



PROJECT NUMBER: 15036.00  
PLOT SCALE: 3" = 1'-0"  
DATE: ..  
ACAD FILE # 15036H805



NOTES:

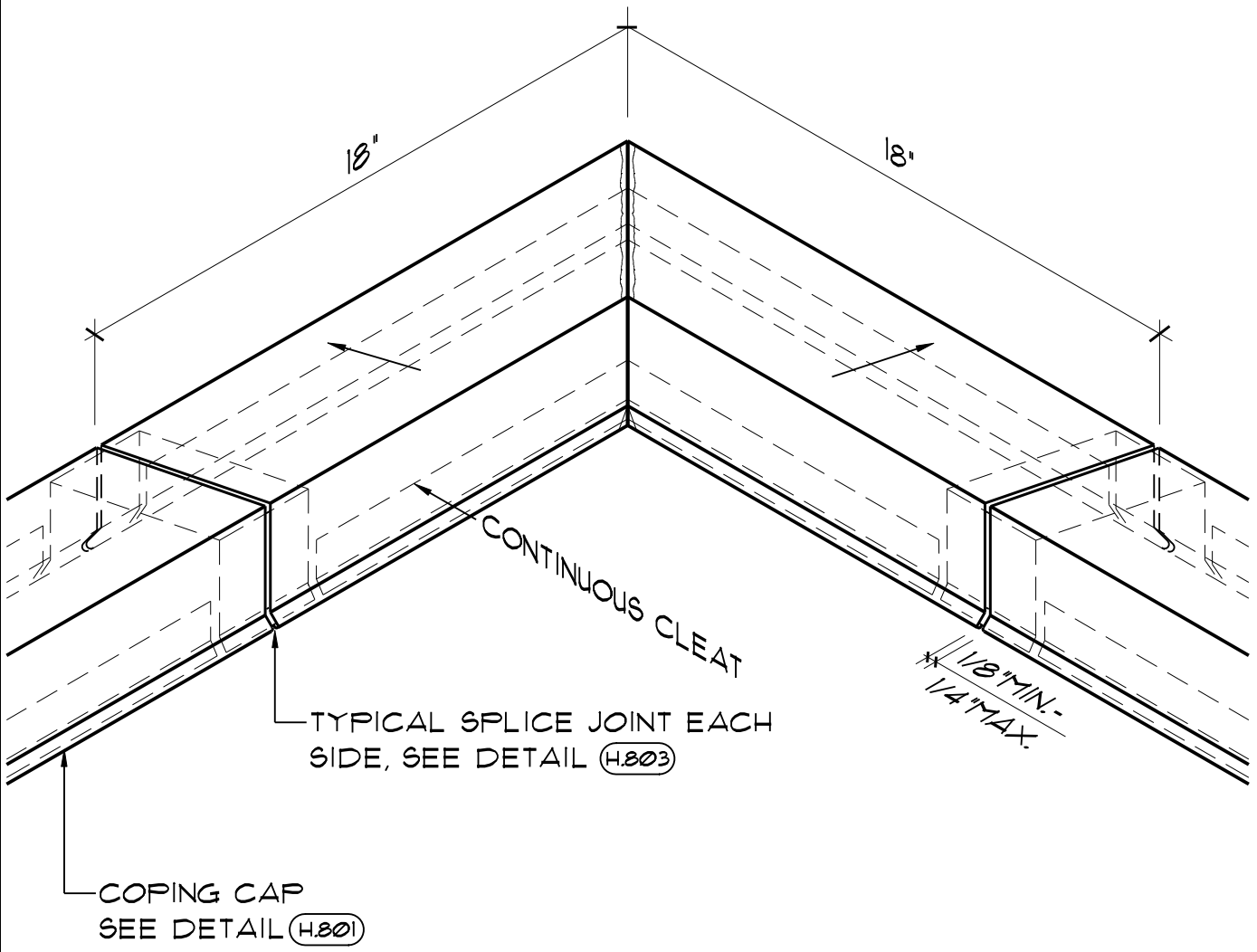
1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED



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TITLE OUTSIDE COPING CORNER  
FABRICATION  
SCALE N.T.S.





NOTES:

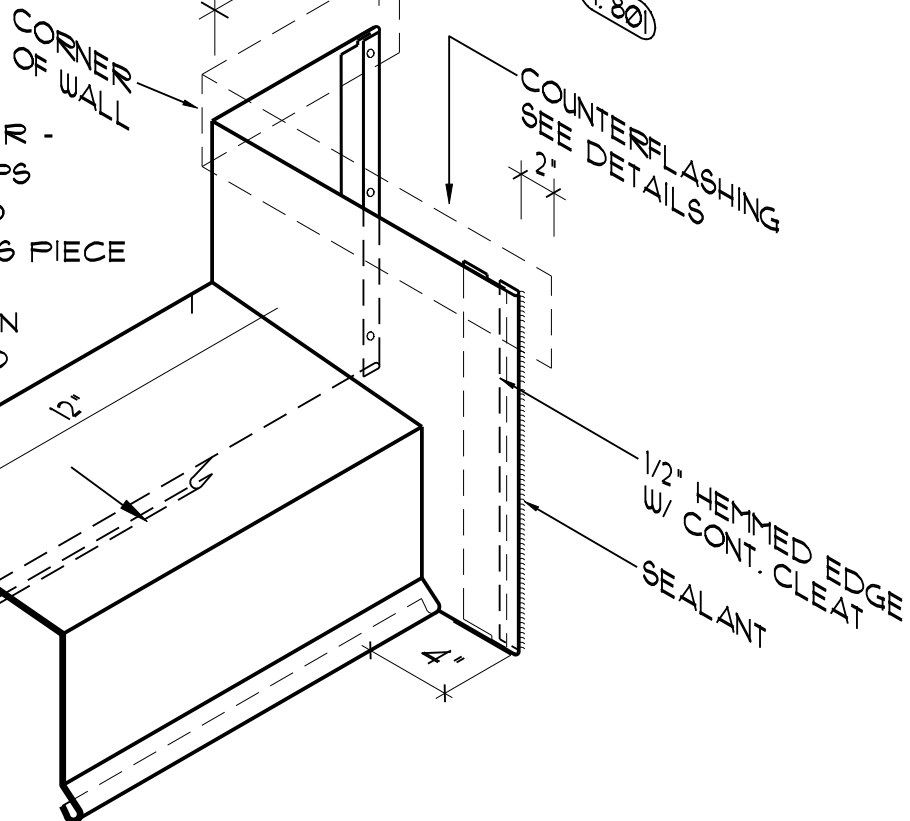
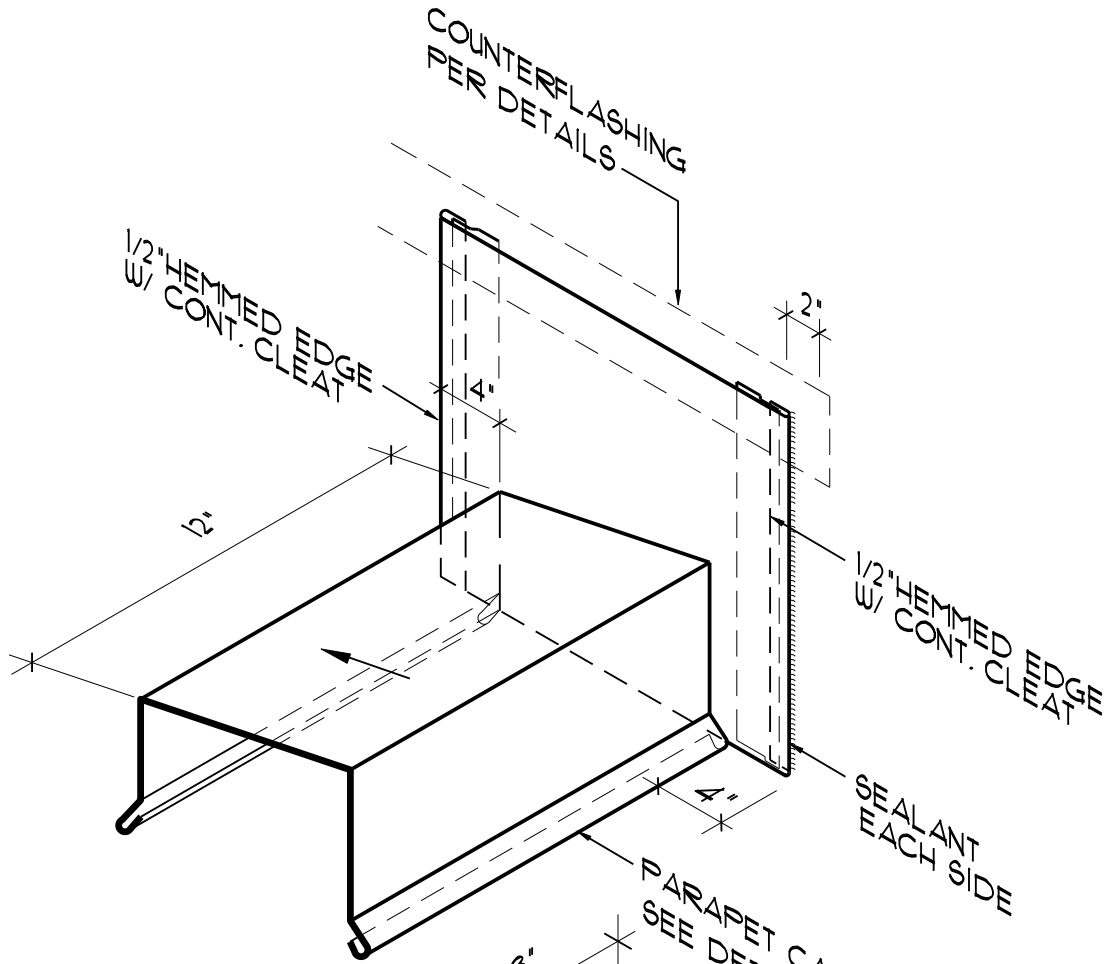
1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED



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TITLE INSIDE COPING CORNER  
 FABRICATION  
SCALE 3" = 1'-0"





NOTES:

1. SOLDER/WELD (AS PER - METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED



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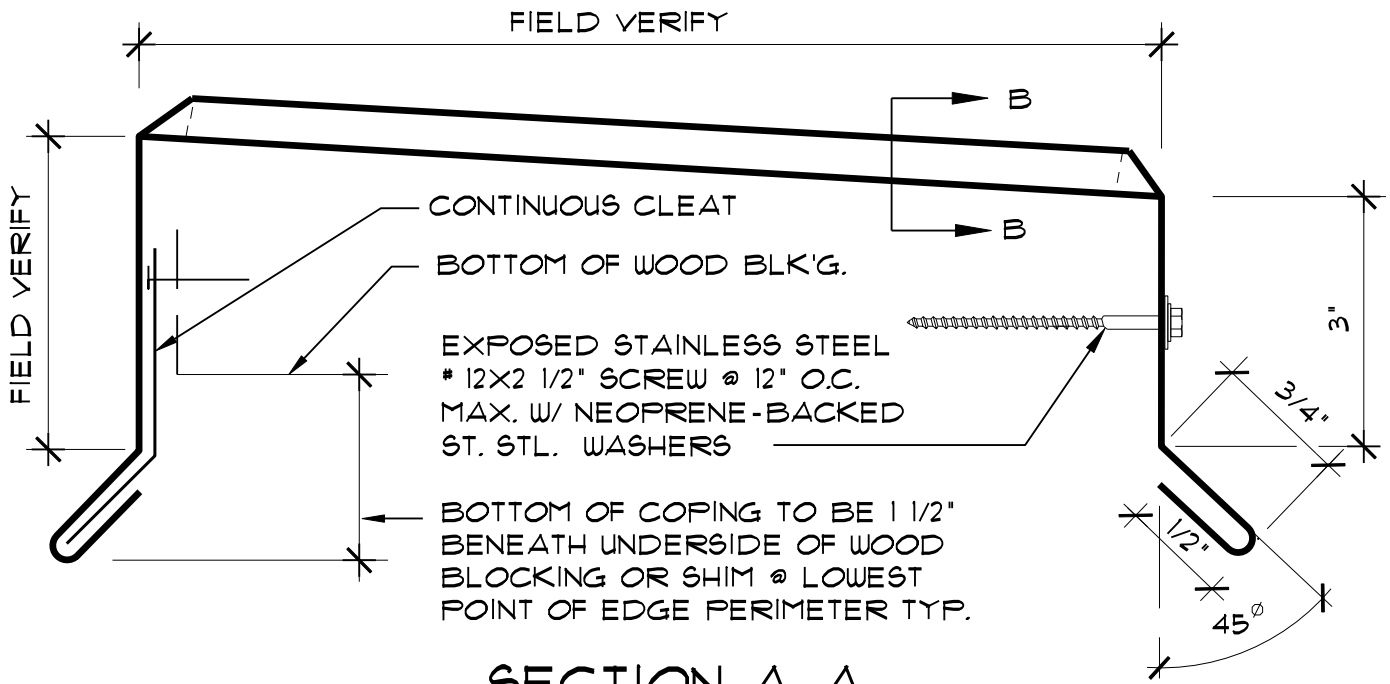
601 NORTH FERN CREEK AVENUE SUITE 100  
ORLANDO, FLORIDA 32803-4899  
TEL. (407)896-7875 FAX. (407)898-6043

TITLE COPING CAP TERMINATION  
FABRICATIONS AT WALL

SCALE 3"=1'



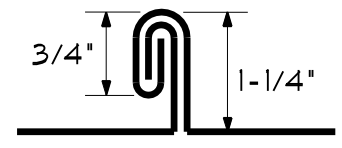




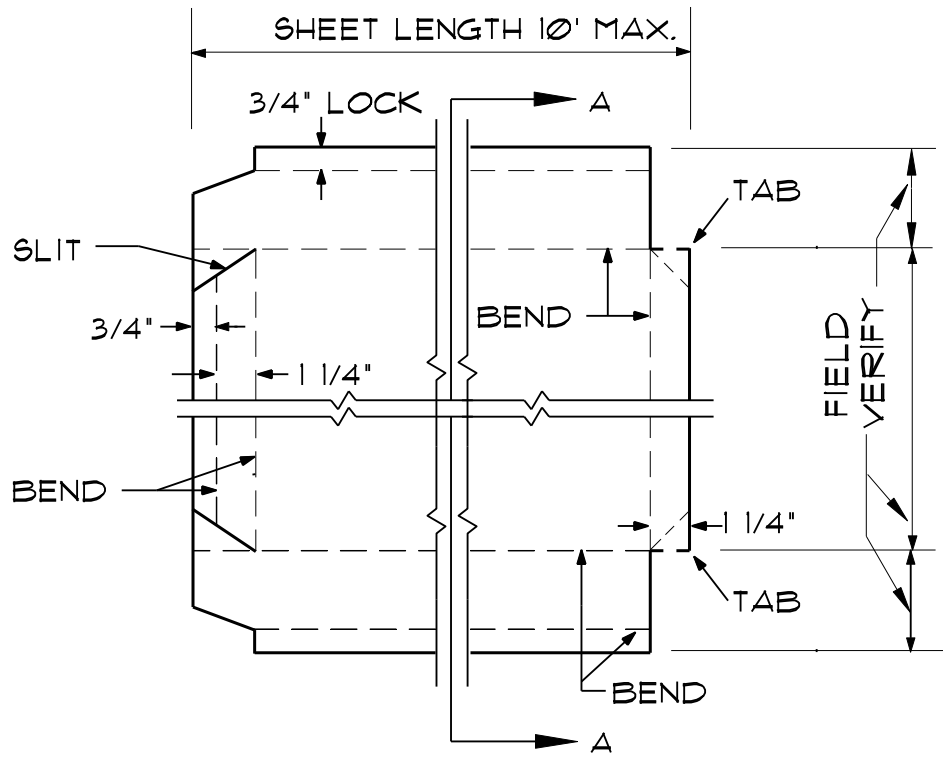
### SECTION A-A

#### NOTES:

1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED



### SECTION B-B



## PATTERN FOR STANDING SEAM

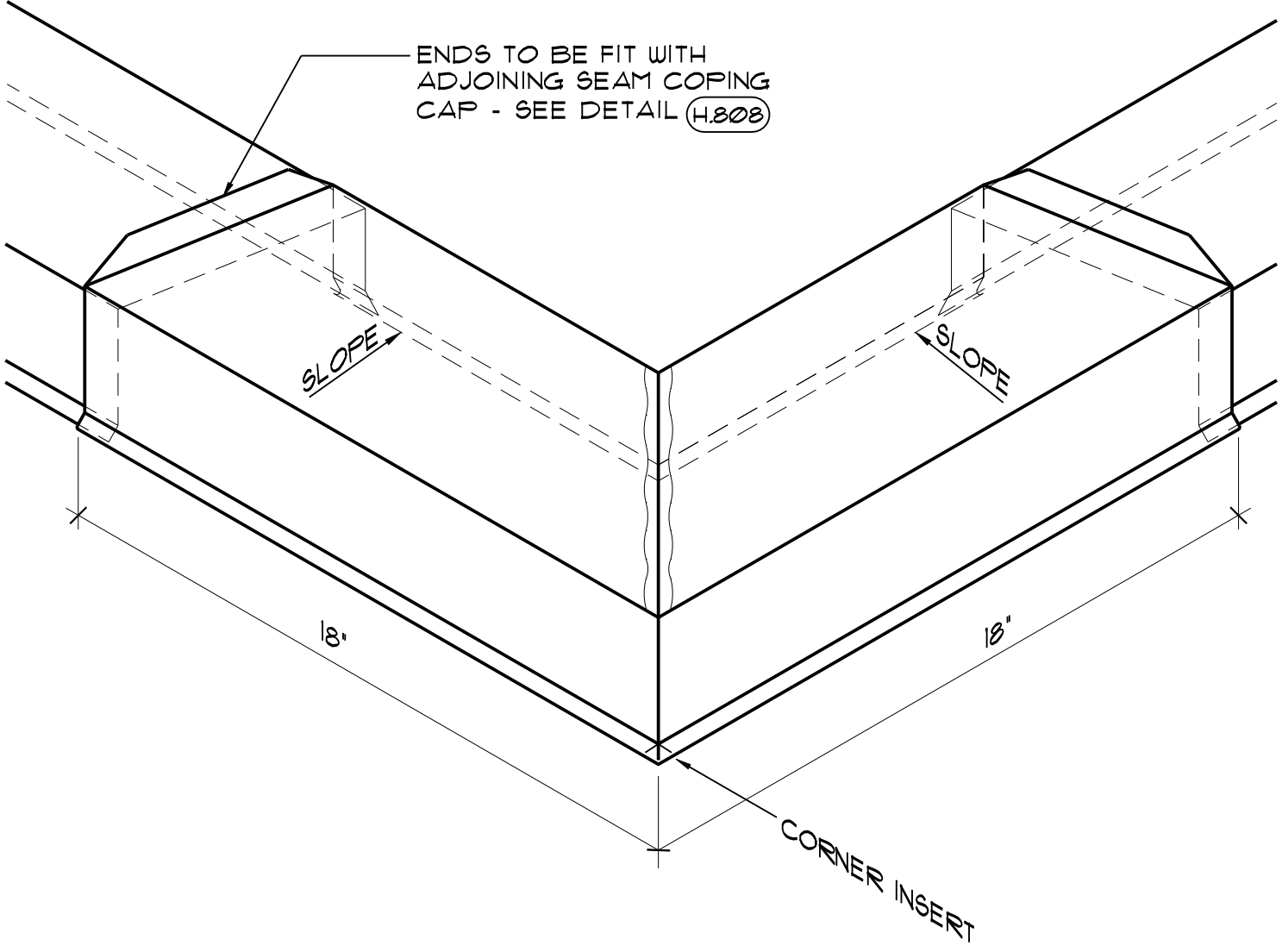


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**TITLE** PARAPET CAP FABRICATION WITH STANDING SEAM  
**SCALE** N.T.S.



PROJECT NUMBER: 15036.00  
PLOT SCALE : 3" = 1'-0"  
DATE: ..  
ACAD FILE # 15036H809



NOTES:

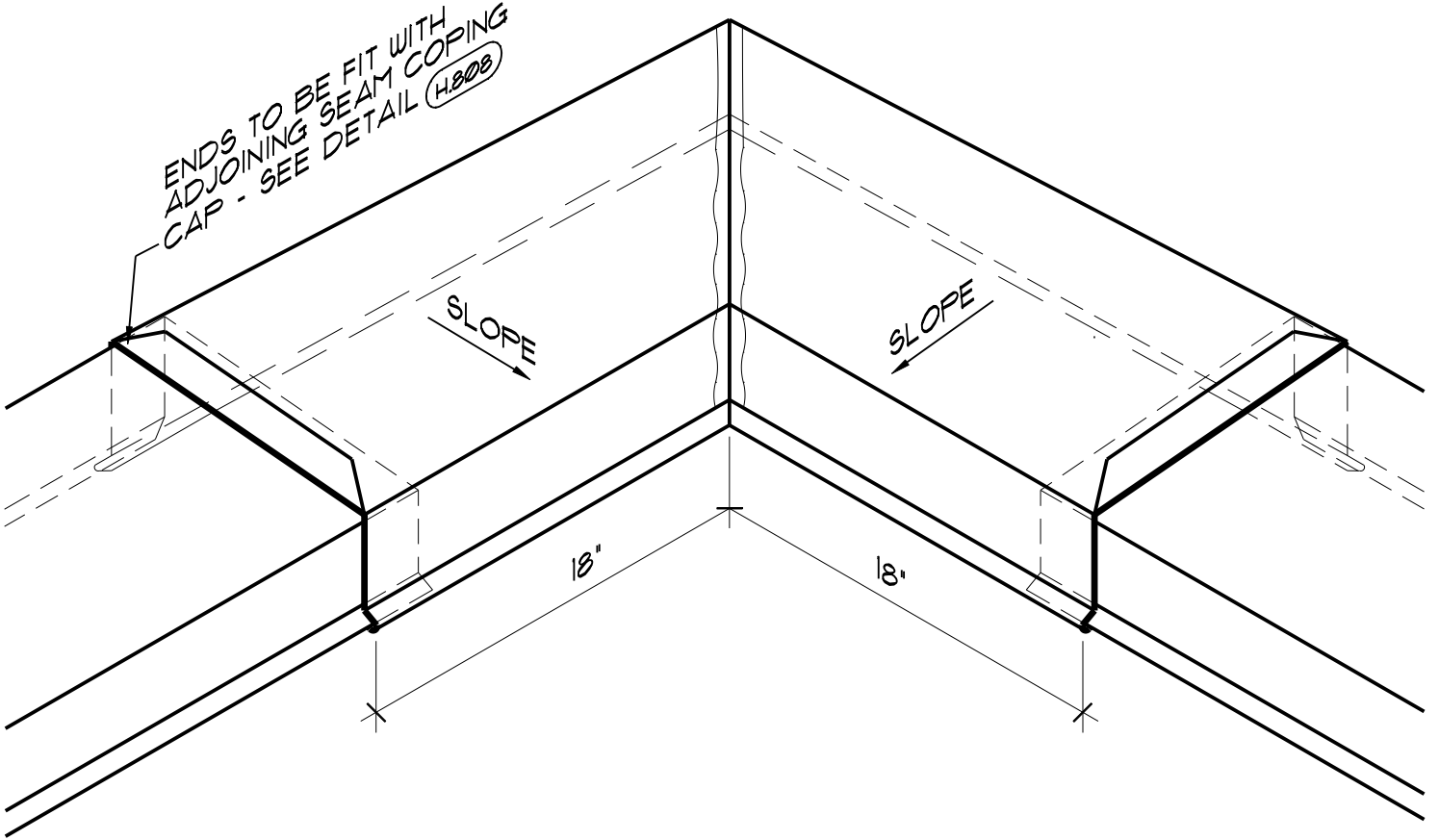
1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED



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TITLE OUTSIDE COPING CORNER  
FABRICATION W/  
STANDING SEAM  
SCALE N.T.S.





ENDS TO BE FIT WITH  
ADJOINING SEAM COPING  
CAP - SEE DETAIL (H.808)

SLOPE

SLOPE

18"

18"

**NOTES:**

1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED



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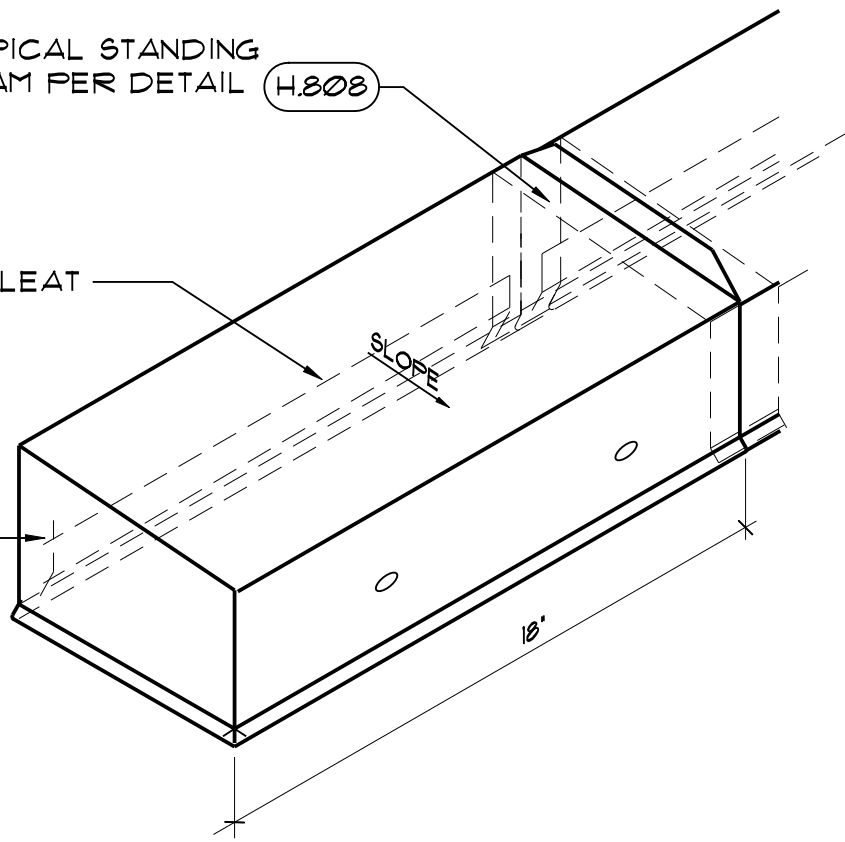
TITLE INSIDE COPING CORNER  
FABRICATION W/  
STANDING SEAM  
SCALE N.T.S.



TYPICAL STANDING SEAM PER DETAIL H.808

CONTINUOUS CLEAT

METAL COPING CAP END TERMINATION FABRICATION



NOTES:

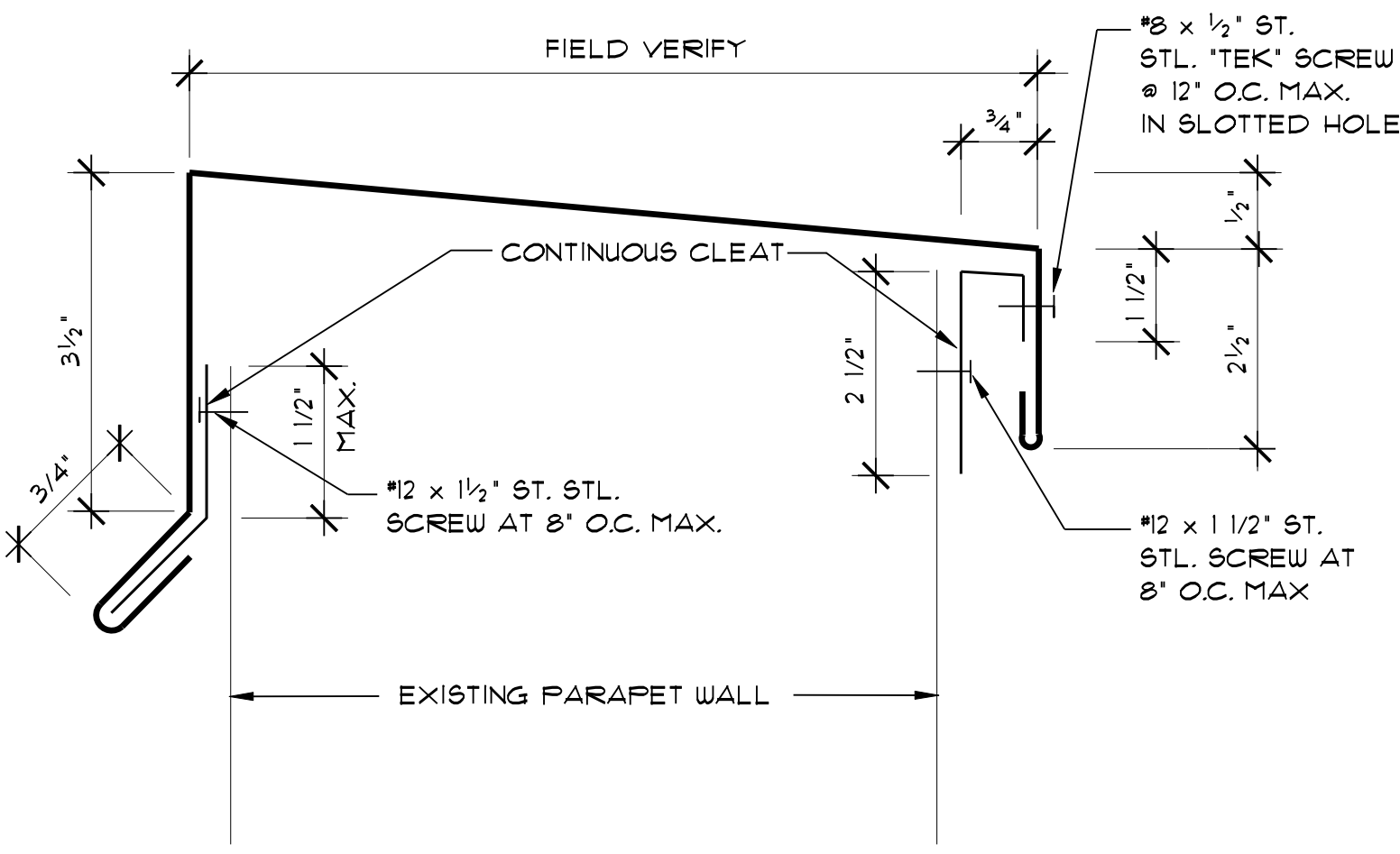
1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED



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TITLE COPING CAP W/ STANDING SEAM END TERMINATION  
SCALE N.T.S.





**NOTES:**

1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED
3. SEE DETAIL (H.813) FOR TYPICAL SPLICE JOINT DETAIL

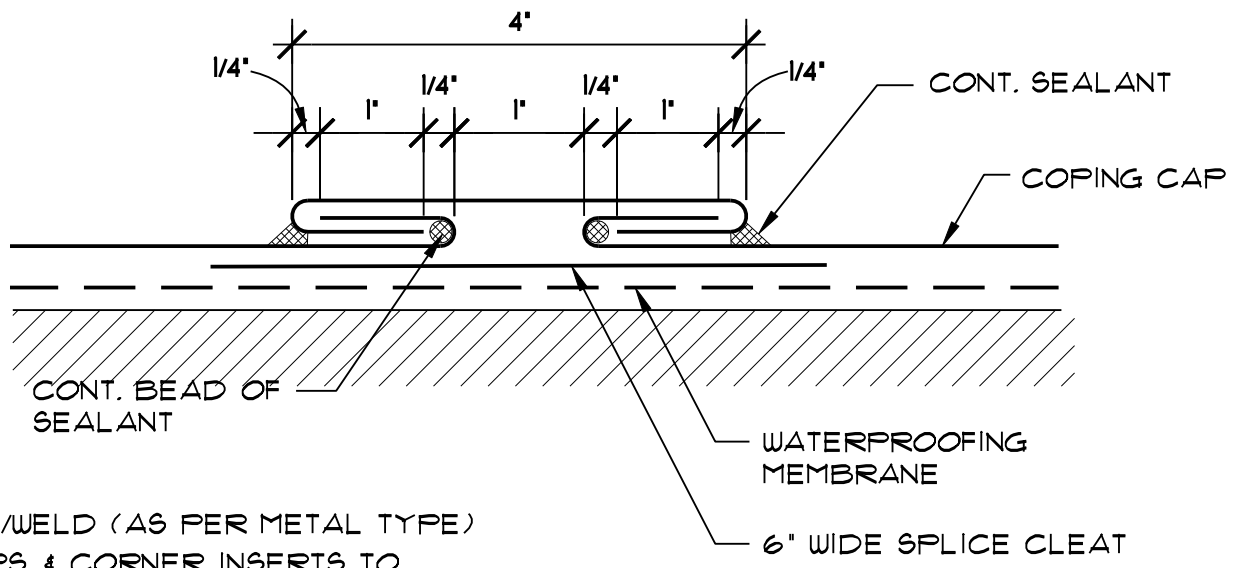


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 ORLANDO, FLORIDA 32803-4899  
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TITLE PARAPET CAP FABRICATION DETAIL

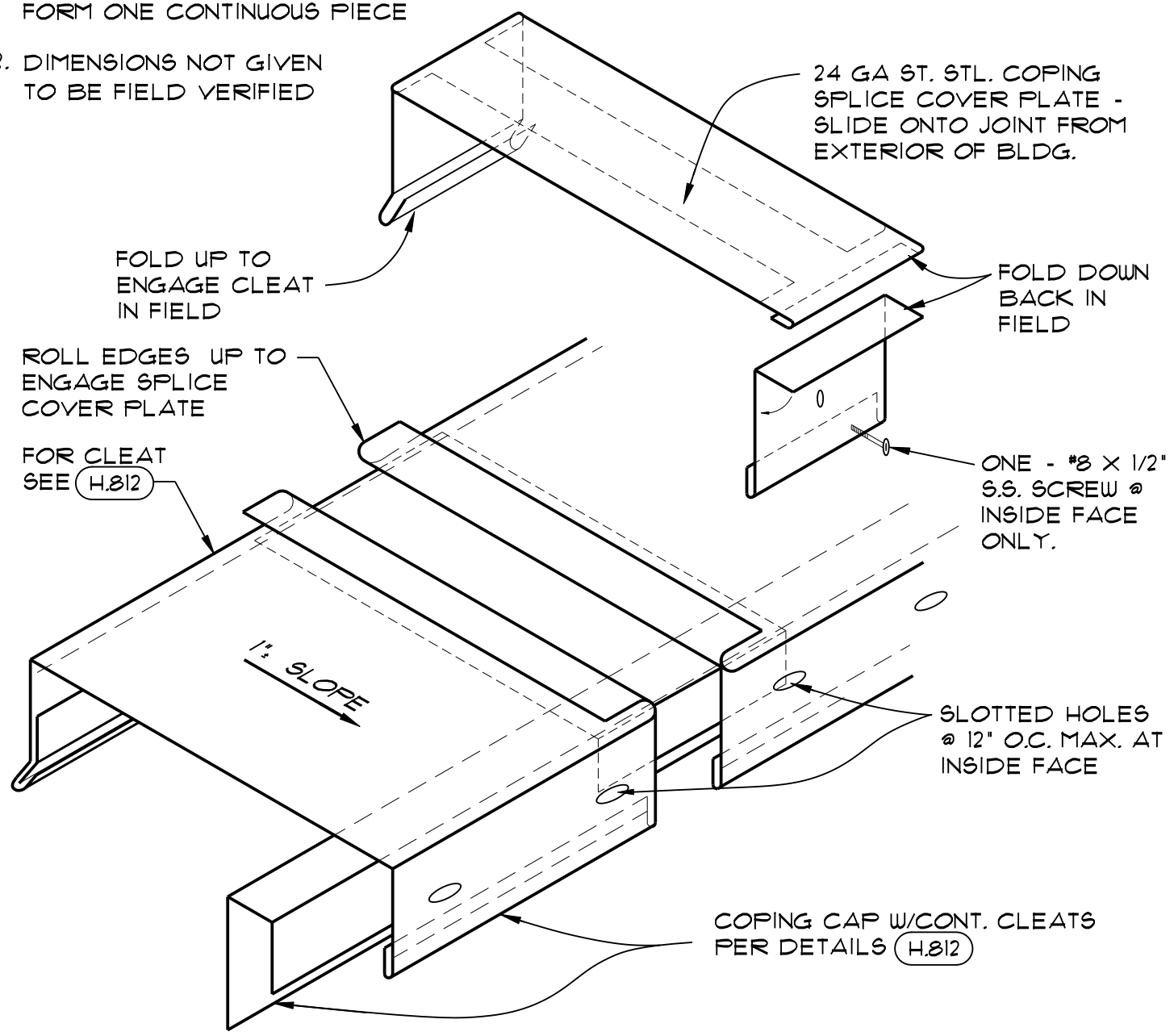
SCALE N.T.S.





**NOTES:**

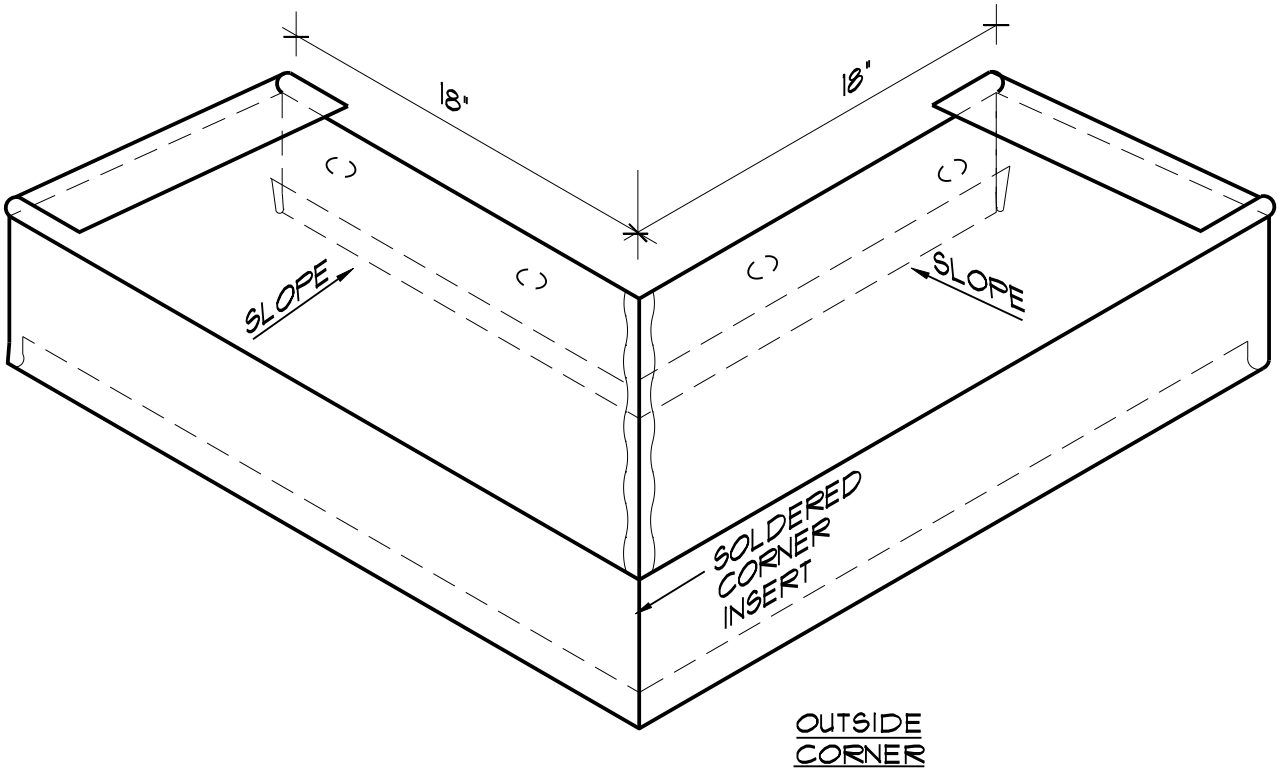
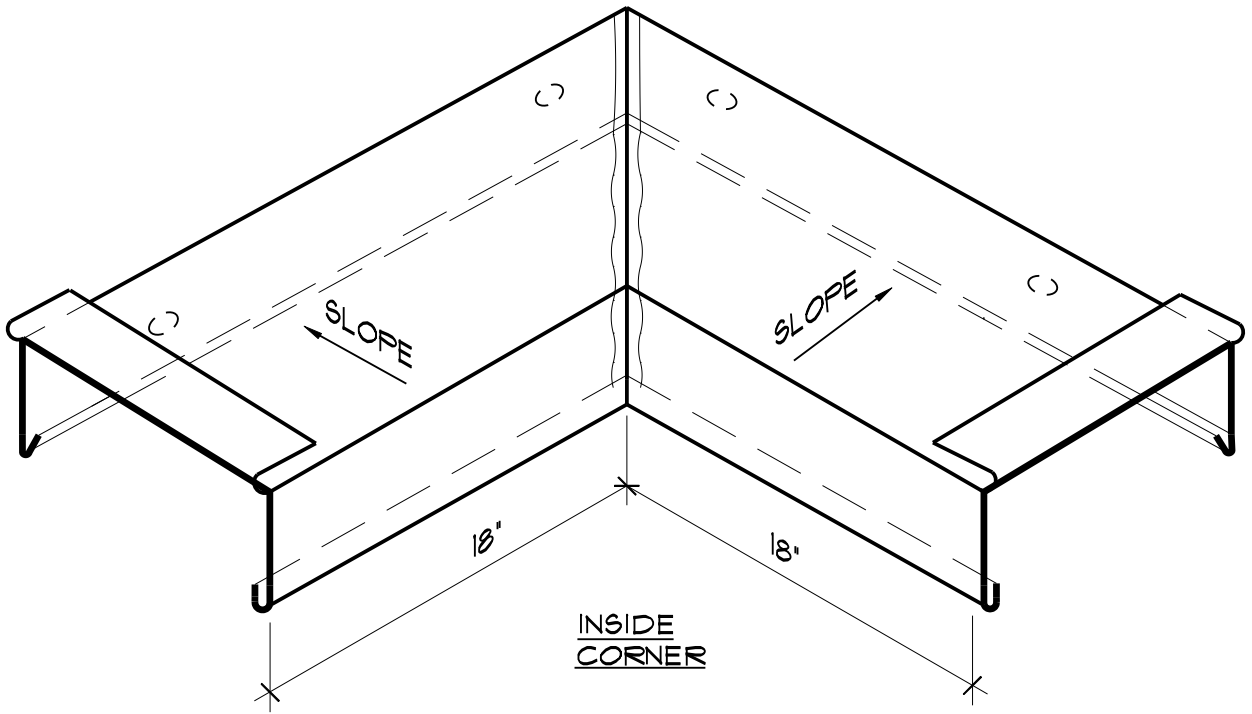
1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED



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TITLE COPING CAP SPLICE JOINT AND COVER DETAIL  
SCALE N.T.S.





NOTES:

1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED



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TITLE COPING INSIDE/OUTSIDE  
CORNER FABRICATION DETAIL

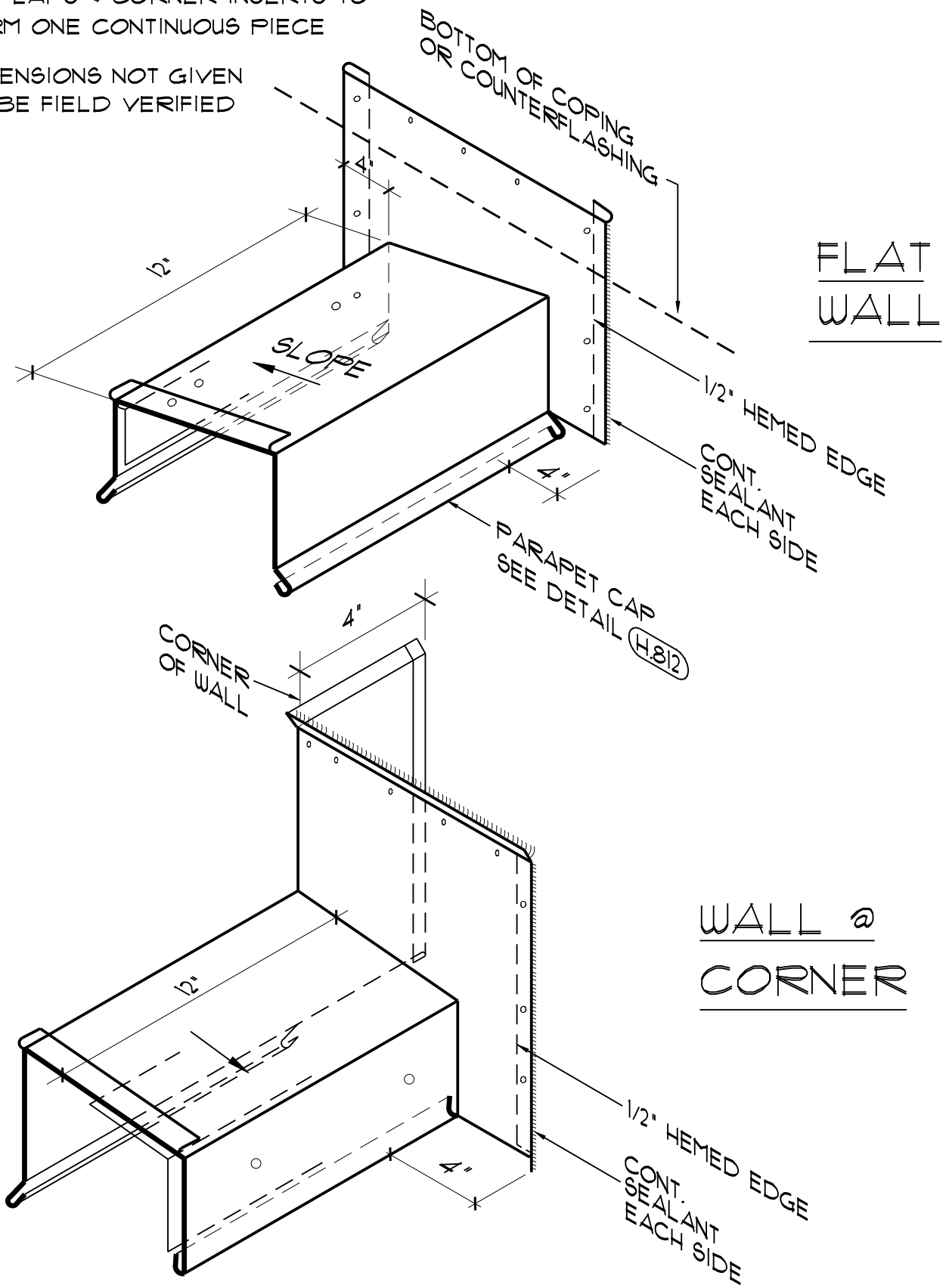
SCALE

NO.
H. 814

PROJECT NUMBER: 1503600 PLOT SCALE: 3" = 1'-0" DATE: .. ACAD FILE # 15036H815

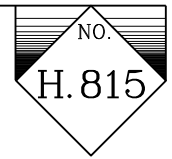
**NOTES:**

- 1. SOLDER/WELD (AS PER METAL TYPE)  
ALL LAPS & CORNER INSERTS TO  
FORM ONE CONTINUOUS PIECE
- 2. DIMENSIONS NOT GIVEN  
TO BE FIELD VERIFIED

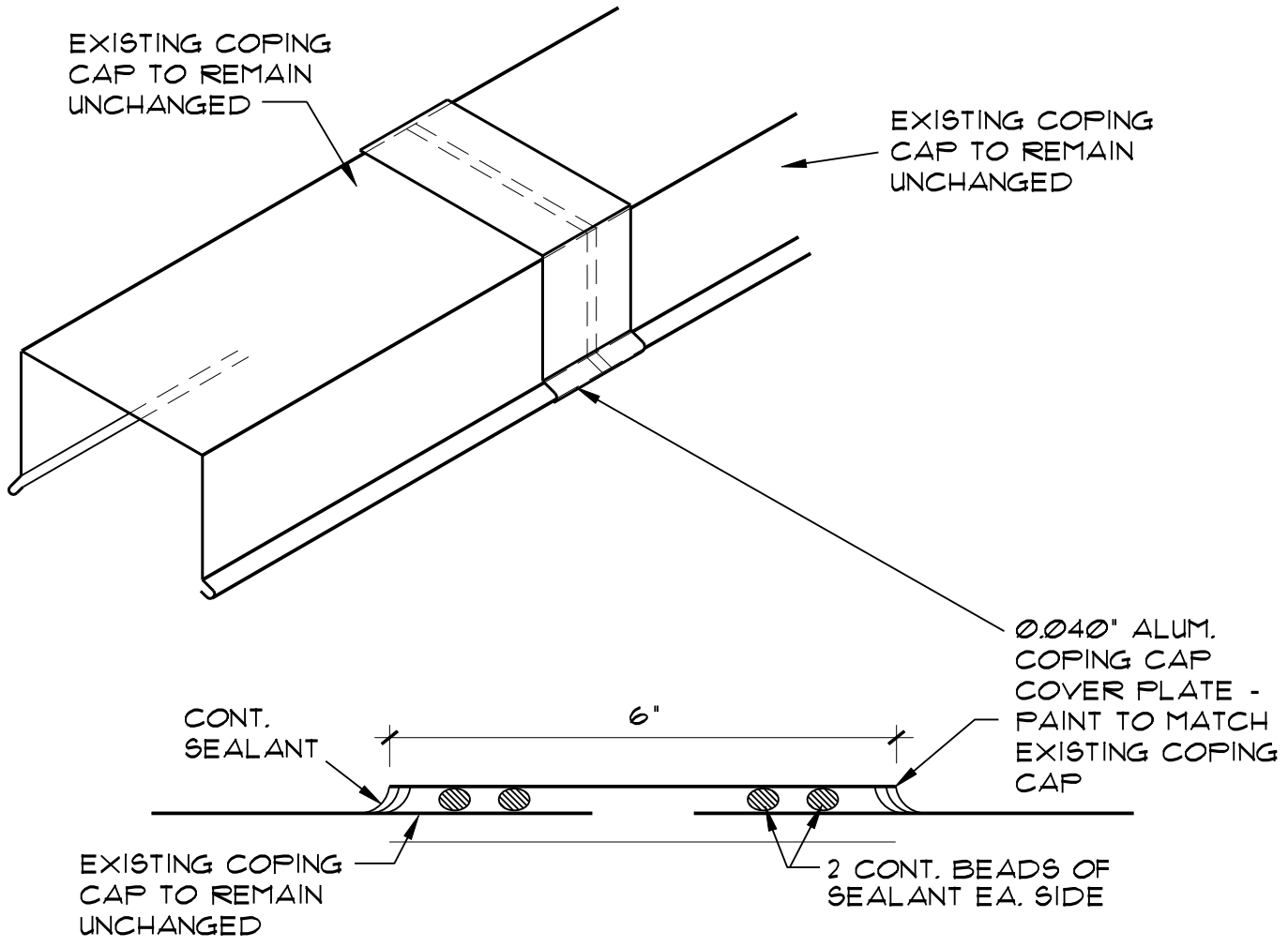


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TITLE COPING CAP TERMINATION FABRICATIONS AT WALL  
SCALE N.T.S.







NOTES:

1. APPLY NEW SPLICE JOINT COVER PLATE OVER ALL EXISTING COPING CAP JOINTS NOT ALREADY COVERED
2. COPING CAP JOINTS AT CORNER FABRICATIONS TO BE COVERED WITH FABRIC REINFORCED LIQUID APPLIED FLASHING COMPOUND IN LIEU OF A METAL SPLICE JOINT COVER

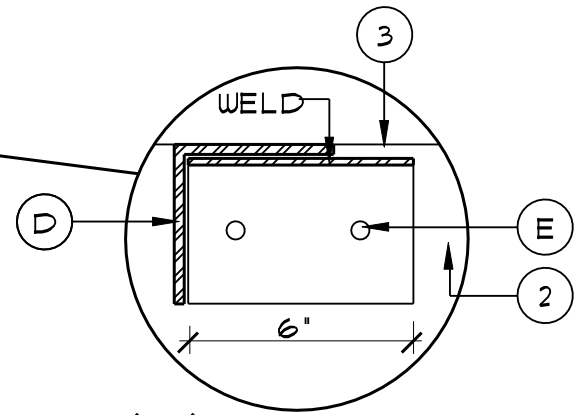
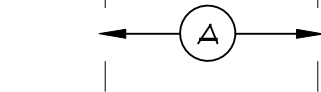


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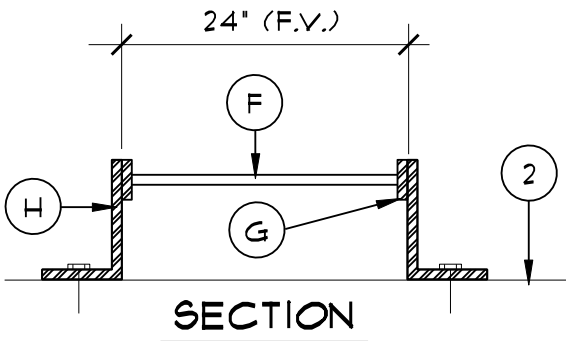
TITLE **COPING CAP SPLICE JOINT COVER PLATE DETAIL**  
 SCALE **N.T.S.**



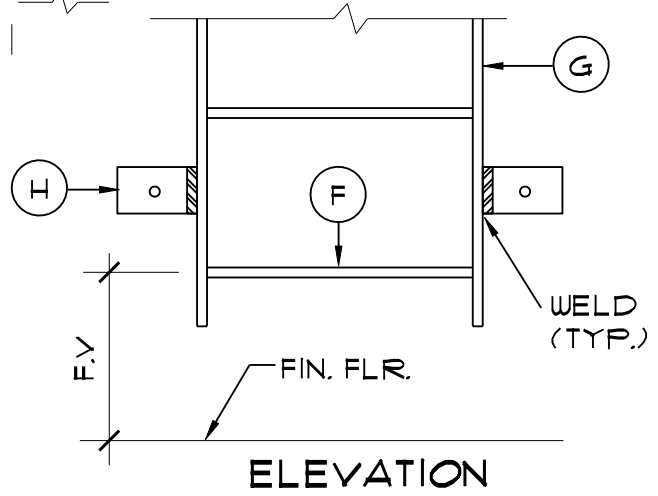
PLAN



ANGLE @ WALL  
ABOVE N.T.S.



SECTION



ELEVATION

- 2. EXISTING WALL
- 3. EXISTING ROOF DECK
- A. EXIST. BAR JOIST ABOVE
- B. NEW ROOF HATCH ABOVE - SEE DETAILS
- C. NEW GALV. LADDER FOR ACCESS TO NEW ROOF HATCH ABOVE. FINISHED FLOOR TO BOTTOM OF METAL DECK IS TO BE FIELD VERIFIED
- D. NEW 4X4X1/8 ANGLE ABOVE (SEE DETAIL (1.102) )
- E. NEW 4X4X1/8 ANGLE ABOVE - ANCHOR TO WALL W/ 7/16" X 2 1/2" REDHEADS.
- F. 3/4" SOLID STEEL RUNG @ 12" O.C.
- G. 3"X1/2" FLAT BAR
- H. 9X6X1/2 STEEL ANGLE 3" LONG ANCHOR TO WALL @ 6'-0" O.C. USE 7/16" X 2 1/2" REDHEADS.

NOTE: LOCATION OF ROOF HATCH, ACCESS LADDER AND ROOM DIMENSIONS TO BE FIELD VERIFIED.



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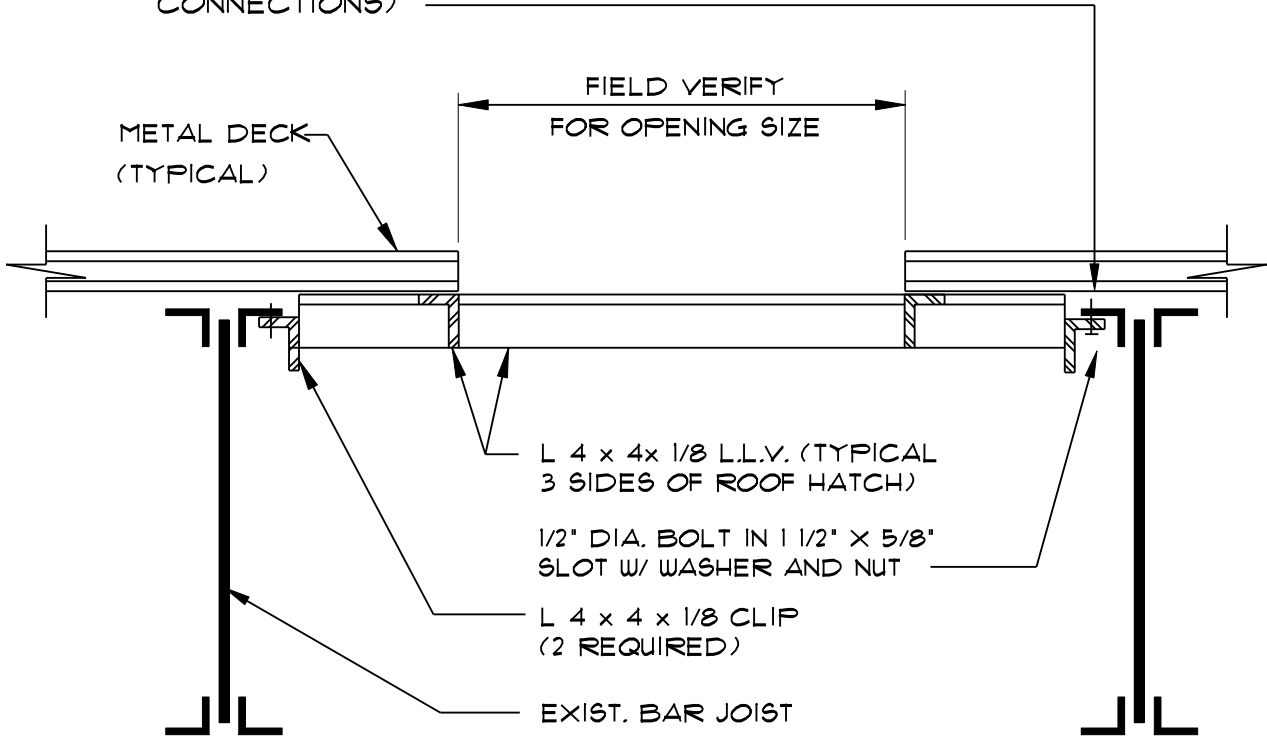
601 NORTH FERN CREEK AVENUE SUITE 100  
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TEL (407)896-7875 FAX (407)898-6043

TITLE NEW ROOF HATCH LADDER  
LOCATION PLAN

SCALE 3" = 1'-0"



NOTE: TWO - 1/4" DIA. X 1 1/4" SELF-DRILLING, SELF-TAPPING COATED DECK SCREWS AT EACH CLIP ANGLE - TYP. OF 4 LOCATIONS (CONTRACTOR'S OPTION TO FILLET WELD ALL FIELD CONNECTIONS)



NOTE: FILLET WELD ALL CONNECTIONS (TYPICAL)

(PROVIDE AT PERIMETER OF NEW ROOF HATCH OPENING FIELD VERIFY OPENING SIZE & LOCATION)

## TYPICAL ROOF OPENING DETAIL

ACAD FILE # 100471102

DATE:

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 10047100



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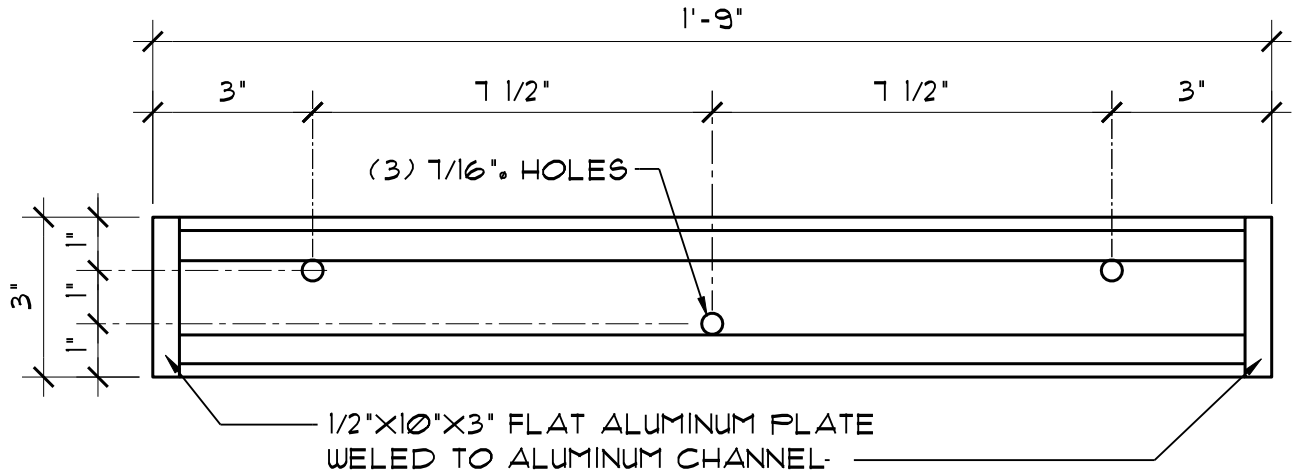
601 NORTH FERN CREEK AVENUE SUITE 100  
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 TEL (407)896-7875 FAX (407)898-6043

TITLE NEW ROOF OPENING SUPPORT

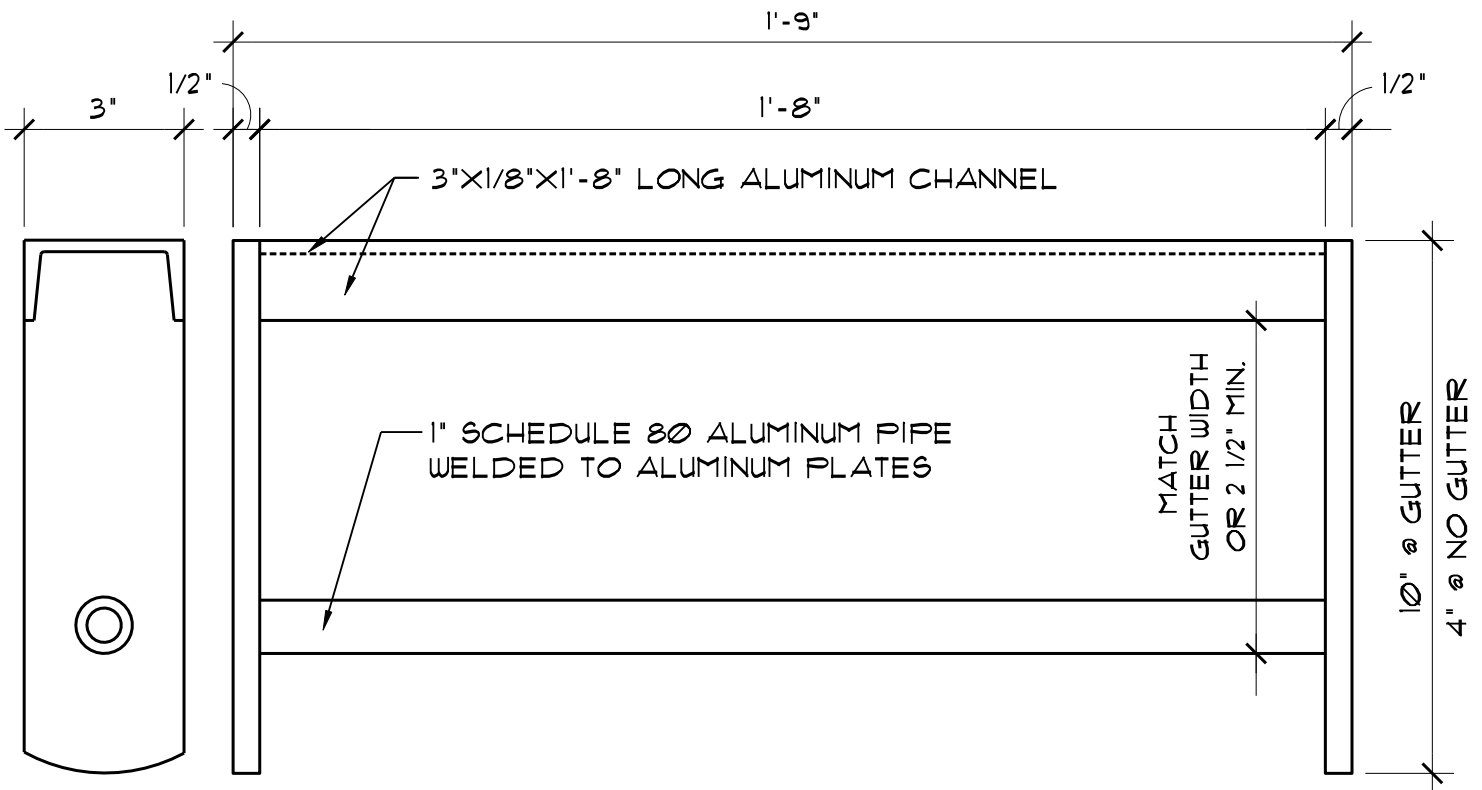
SCALE 3" = 1'-0"



ANCHORS : 3/8"X3 1/2" EMBEDDED EXPANSION ANCHORS INTO CMU OR CONC. TIE BEAM.



SECTION



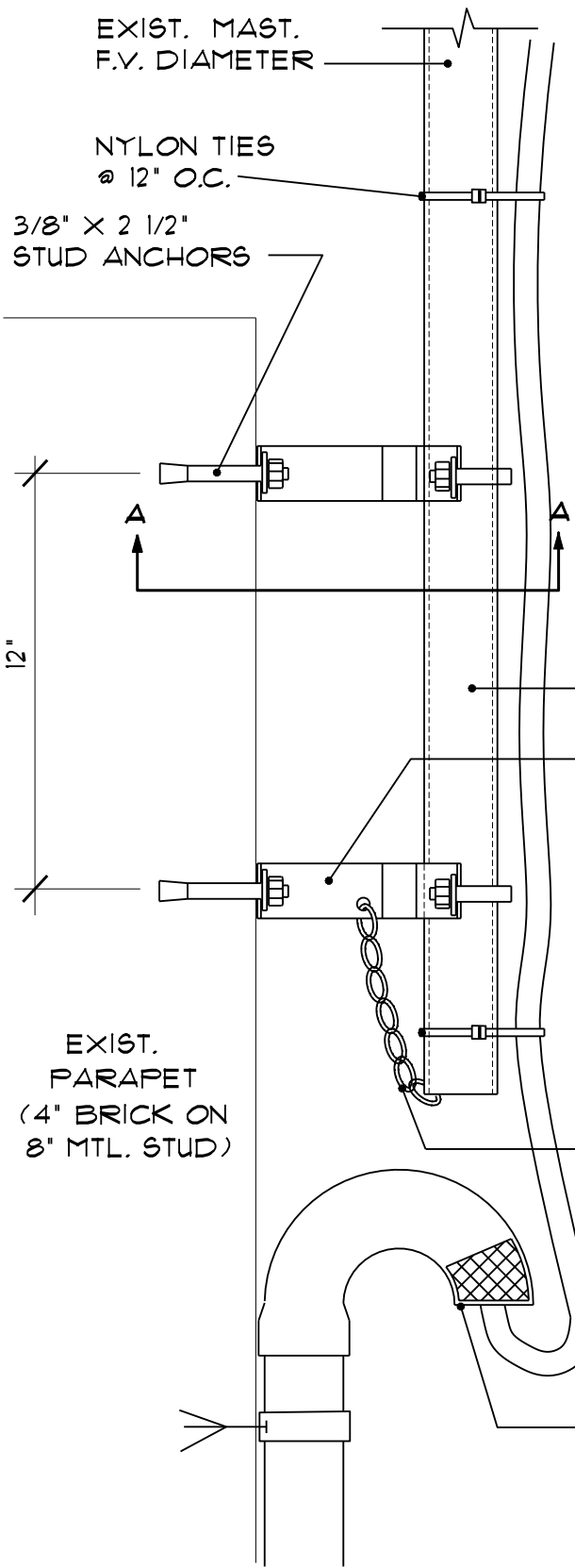
ELEVATION

PLAN

NOTE:

1. GUARD IS TO BE INSTALLED ON THE BUILDINGS AS NOTED ON THE DRAWINGS PROVIDE ONE BUILDING
2. CONSTRUCT IN ACCORDANCE WITH OSHA 29 CFR

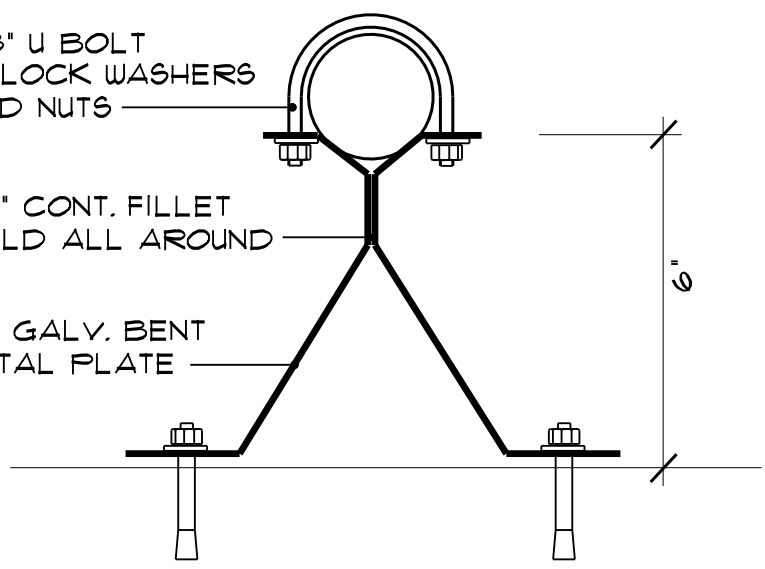




3/8" U BOLT  
W/ LOCK WASHERS  
AND NUTS

1/8" CONT. FILLET  
WELD ALL AROUND

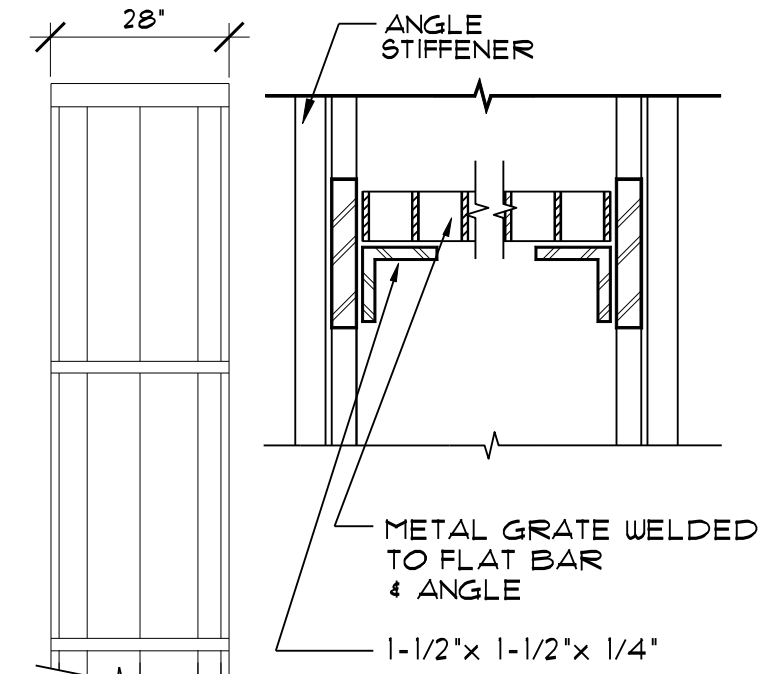
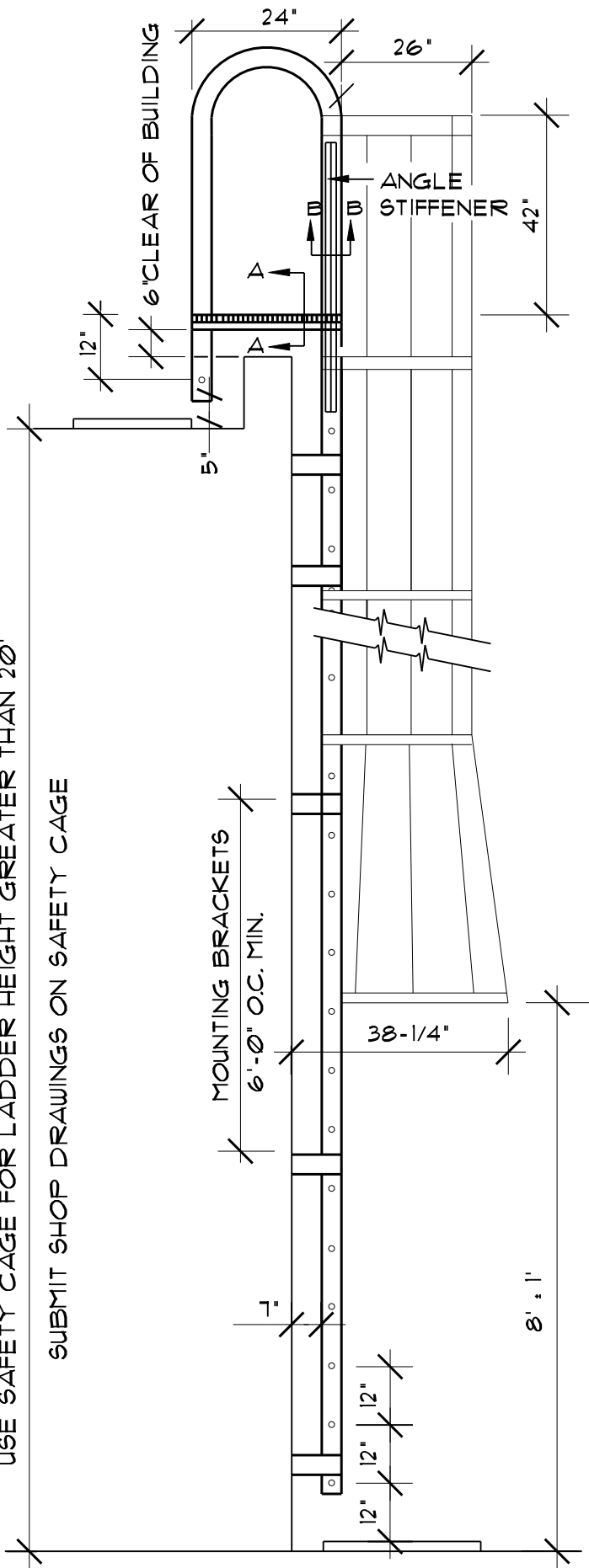
1/8" GALV. BENT  
METAL PLATE



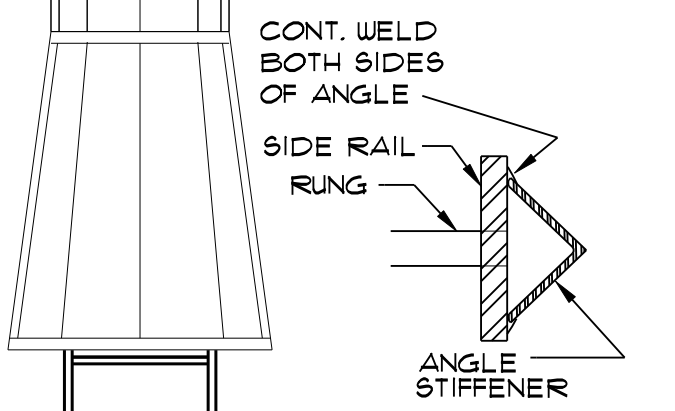
NOTE: TOUCH UP ALL WELD  
SURFACING WITH GALV. PAINT.



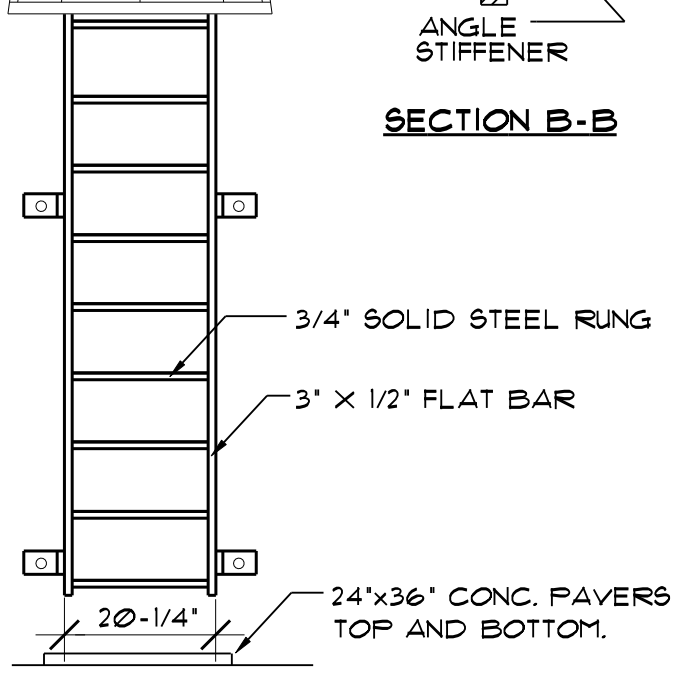
USE SAFETY CAGE FOR LADDER HEIGHT GREATER THAN 20'  
SUBMIT SHOP DRAWINGS ON SAFETY CAGE



**SECTION A-A**



**SECTION B-B**

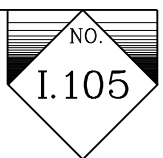


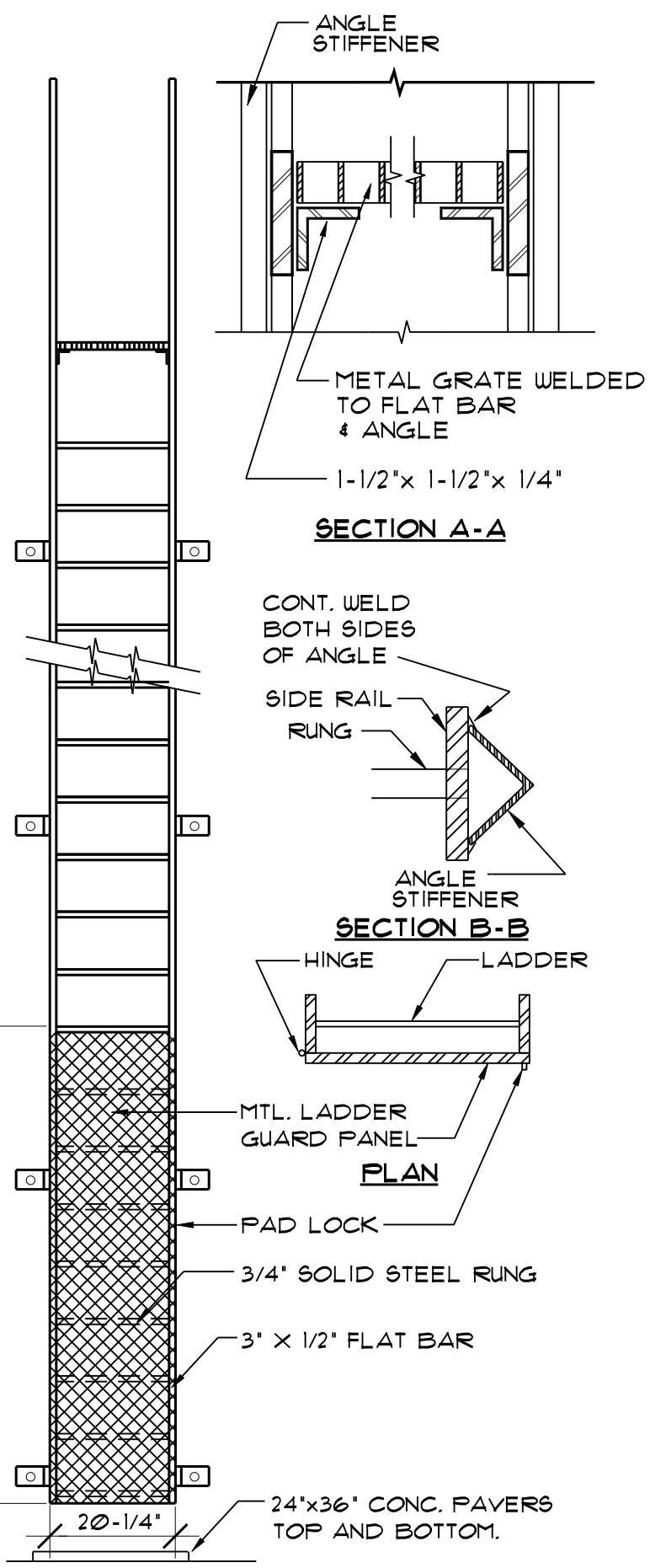
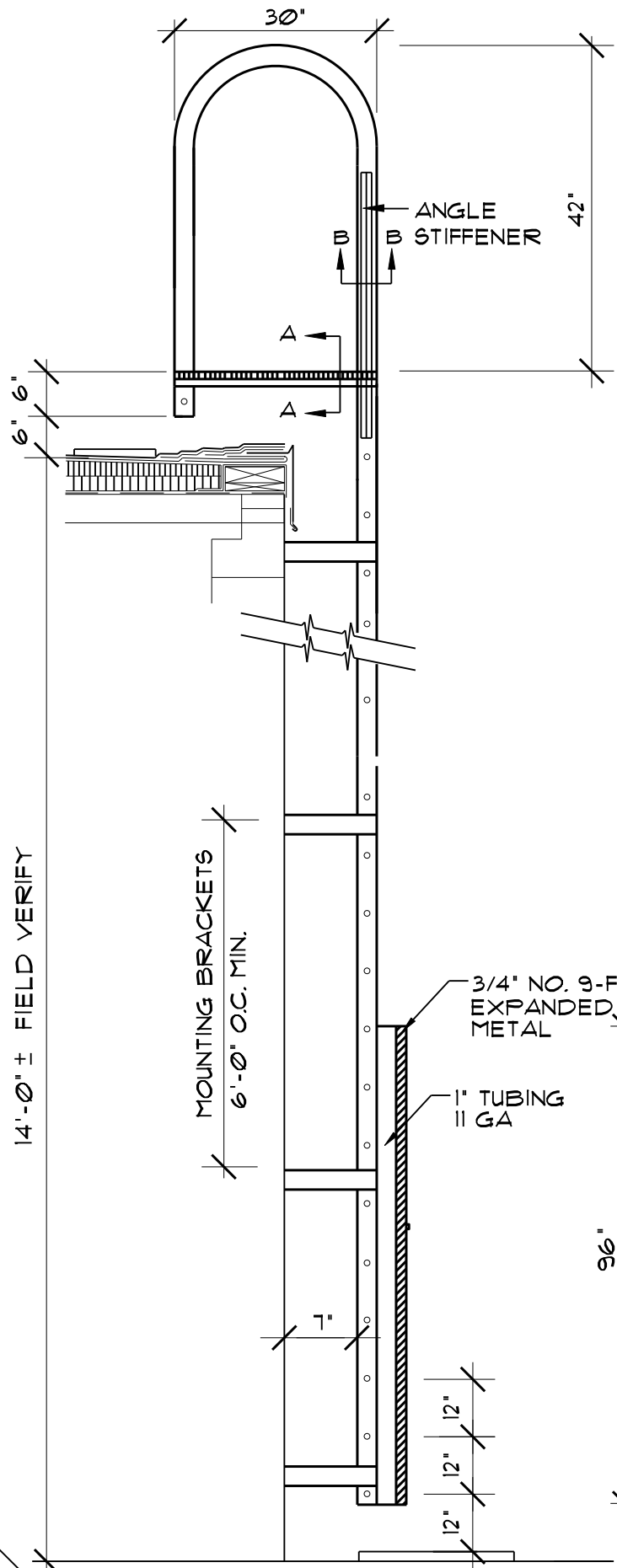
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TITLE VERTICAL LADDER

SCALE N.T.S.



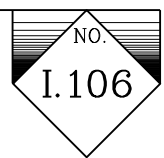


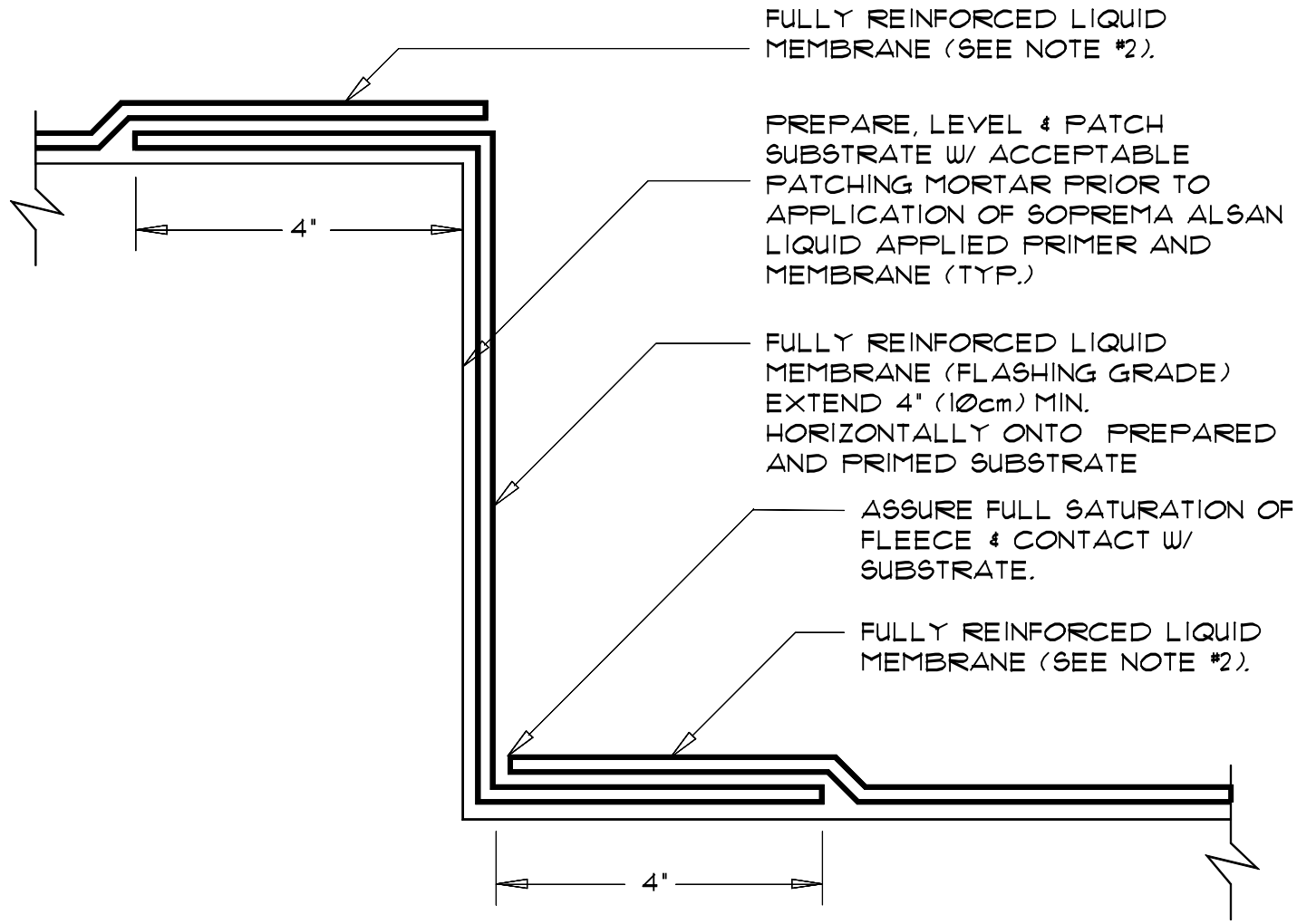
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 TEL (407)896-7875 FAX (407)898-6043

TITLE VERTICAL LADDER AT ROOF

SCALE N.T.S.





**NOTES:**

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2. A FULLY REINFORCED LIQUID MEMBRANE SYSTEM IS DEFINED AS AN ASSEMBLY CONSISTING OF TWO LIQUID RESIN APPLICATIONS & FABRIC REINFORCEMENT INSTALLED BETWEEN THE RESIN LAYERS. REFER TO DETAIL A-1 FOR ADDITIONAL INFORMATION.



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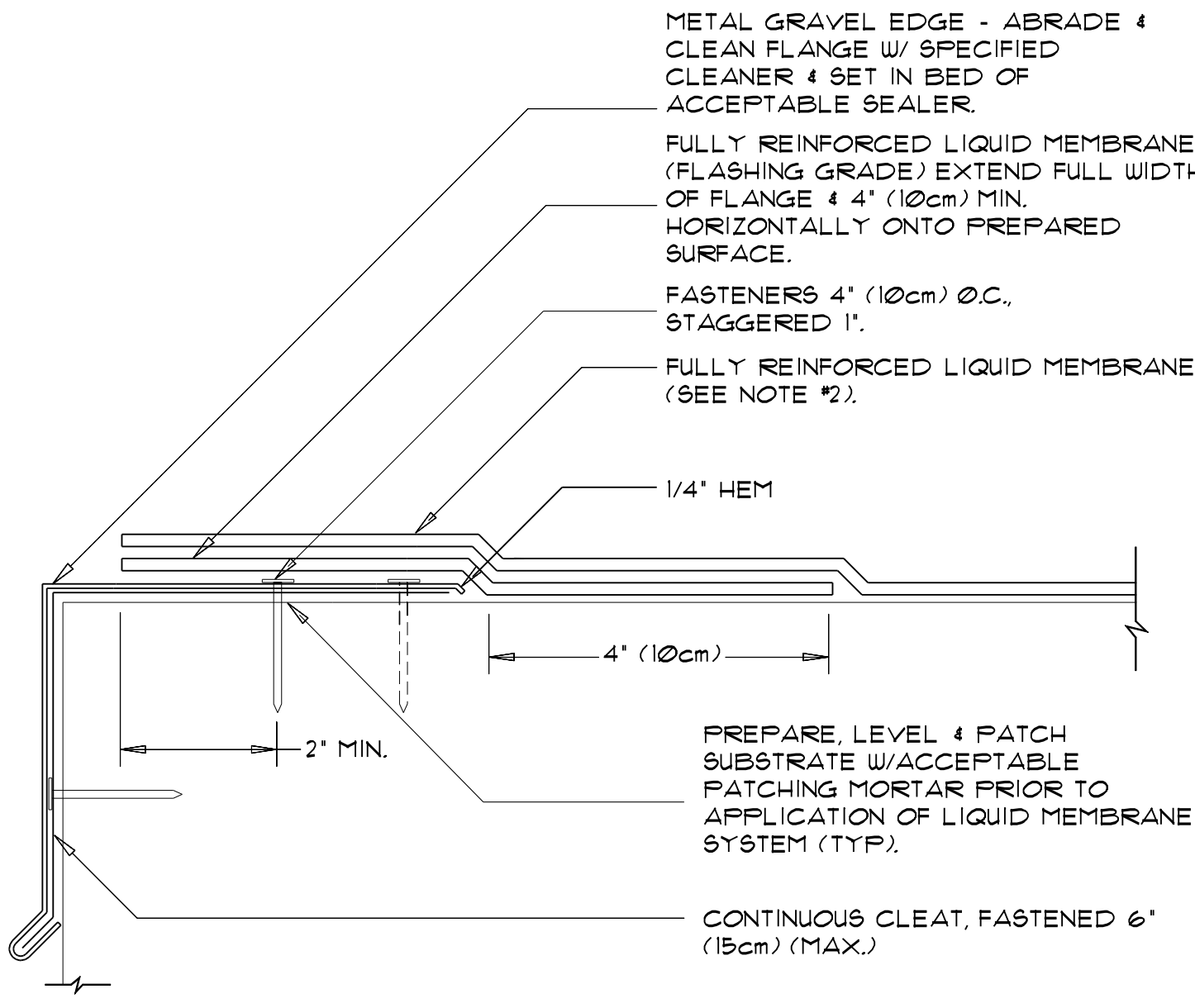
TITLE WALL STEP-UP FLASHING FLASHING DETAIL

SCALE 3"=1'





PROJECT NUMBER: 1503600  
PLOT SCALE: 3" = 1'-0"  
DATE: ..  
ACAD FILE # 1503608



METAL GRAVEL EDGE - ABRABE & CLEAN FLANGE W/ SPECIFIED CLEANER & SET IN BED OF ACCEPTABLE SEALER.

FULLY REINFORCED LIQUID MEMBRANE (FLASHING GRADE) EXTEND FULL WIDTH OF FLANGE & 4" (10cm) MIN. HORIZONTALLY ONTO PREPARED SURFACE.

FASTENERS 4" (10cm) Ø.C., STAGGERED 1".

FULLY REINFORCED LIQUID MEMBRANE (SEE NOTE #2).

1/4" HEM

4" (10cm)

2" MIN.

PREPARE, LEVEL & PATCH SUBSTRATE W/ACCEPTABLE PATCHING MORTAR PRIOR TO APPLICATION OF LIQUID MEMBRANE SYSTEM (TYP).

CONTINUOUS CLEAT, FASTENED 6" (15cm) (MAX.)

**NOTES:**

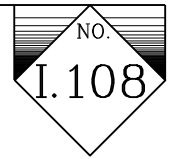
1. DETAIL TO BE USED IN CONJUNCTION WITH MANUFACTURES GENERAL REQUIREMENTS, APPLICATION METHODS AND APPROVED DETAILS.
2. A FULLY REINFORCED LIQUID MEMBRANE SYSTEM IS DEFINED AS AN ASSEMBLY CONSISTING OF TWO LIQUID RESIN APPLICATIONS & FABRIC REINFORCEMENT INSTALLED BETWEEN THE RESIN LAYERS. REFER TO DETAIL A-1 FOR ADDITIONAL INFORMATION.

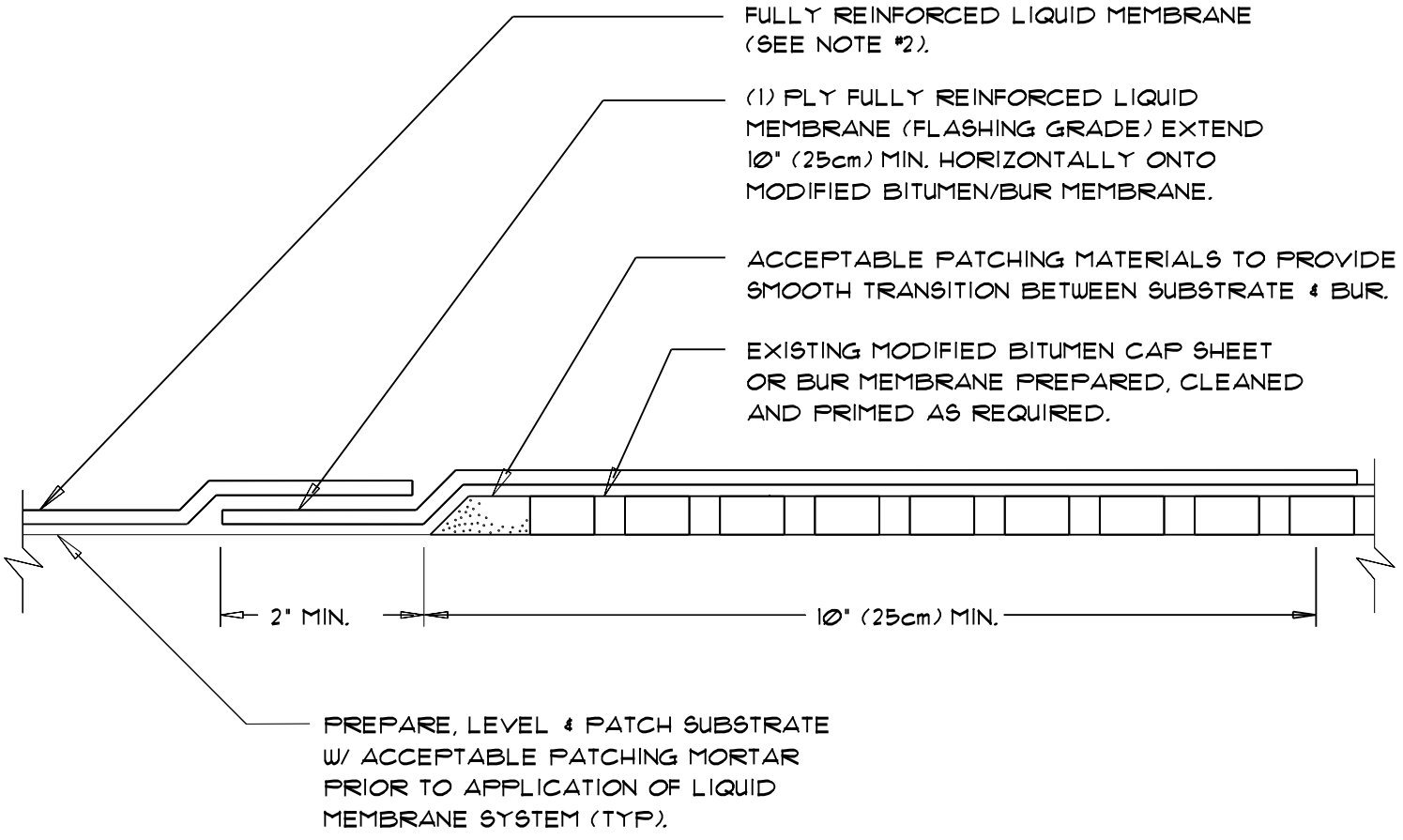


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TITLE DRIP EDGE FLASHING  
DETAIL

SCALE 3"=1'





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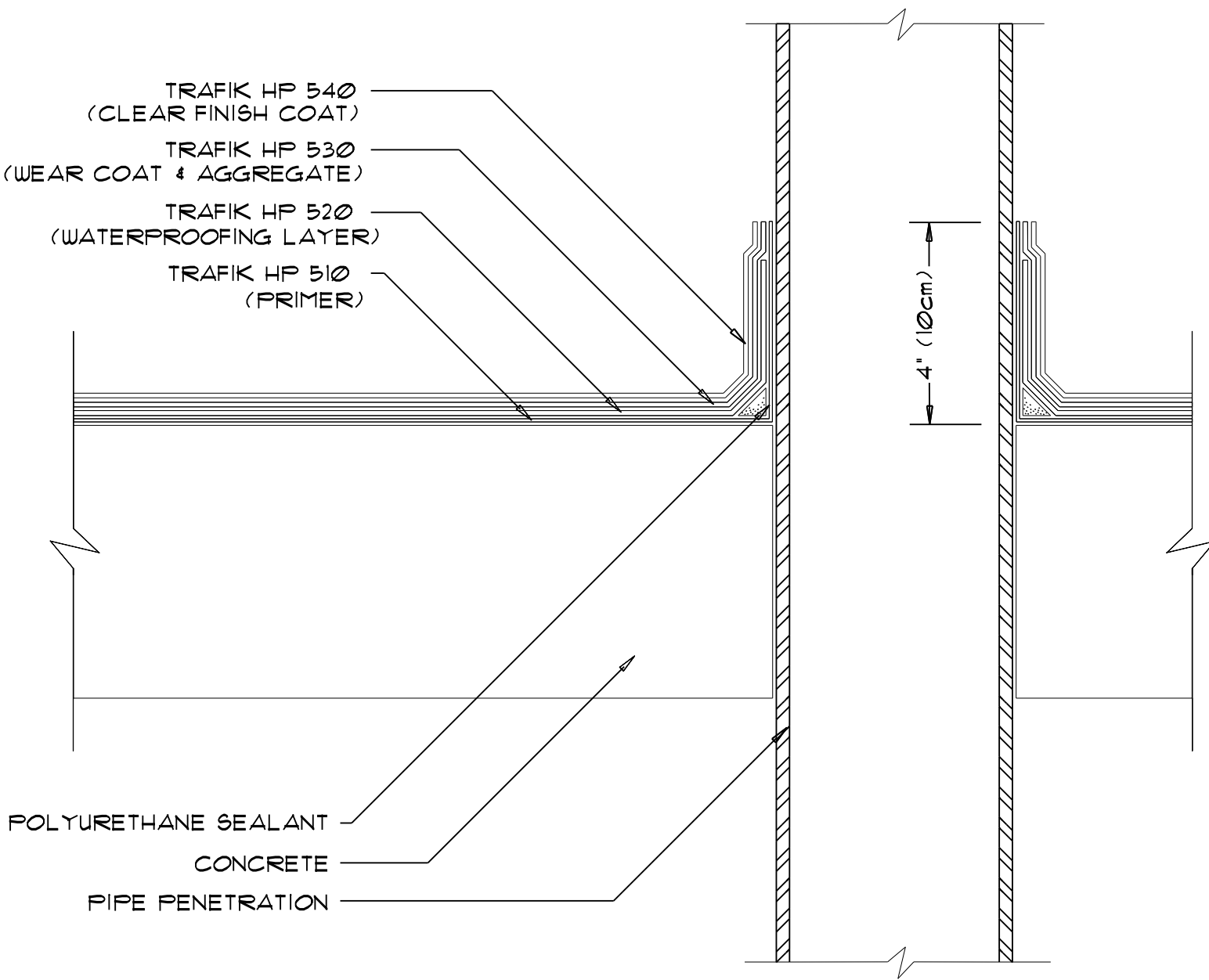


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TITLE LIQUID MEMBRANE TIE-IN TO  
 MOD. BIT./B.U.R. MEMBRANE  
SCALE 3" = 1'



PROJECT NUMBER: 15036.00  
PLOT SCALE: 3" = 1'-0"  
DATE: ..  
ACAD FILE # 15036.602



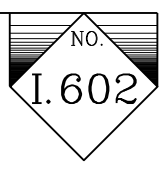
**NOTES:**

1. DETAIL TO BE USED IN CONJUNCTION WITH SOPREMA GENERAL REQUIREMENTS, APPLICATION METHODS AND APPROVED DETAILS.
2. A FULLY REINFORCED LIQUID MEMBRANE SYSTEM IS DEFINED AS AN ASSEMBLY CONSISTING OF TWO LIQUID RESIN APPLICATIONS & FABRIC REINFORCEMENT INSTALLED BETWEEN THE RESIN LAYERS. REFER TO DETAIL A-1 FOR ADDITIONAL INFORMATION.

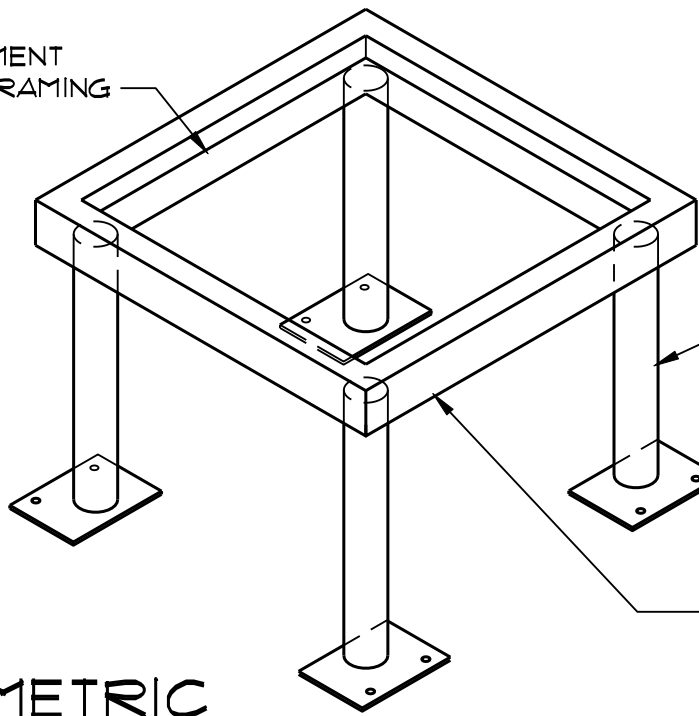


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TITLE LIQUID FLASHING PIPE PENETRATION FLASHING  
SCALE 3" = 1'



NEW EQUIPMENT SUPPORT FRAMING



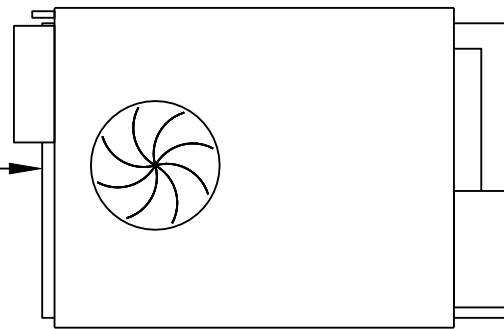
PIPE SUPPORT LEGS

BASE PLATES WITH HOLES FOR ANCHORS TO STRUCT. DECK

18"X18"X1/2" STEEL PLATE - F.V. SIZE FOR ANTENNA BASE

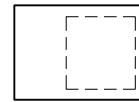
# ISOMETRIC

EXIST. OR PROPOSED MECH. EQUIPMENT ON NEW SUPPORT FRAME

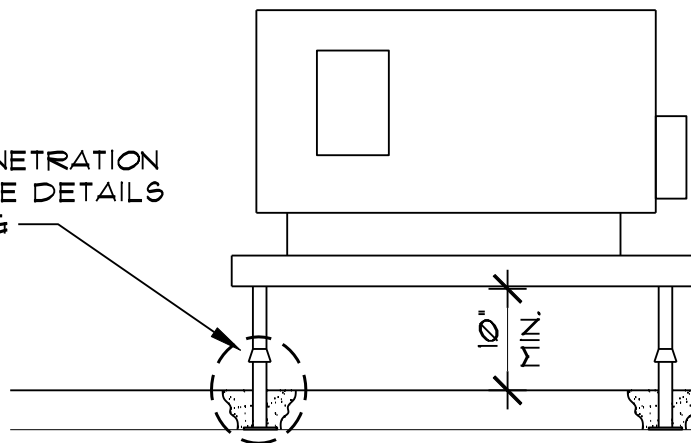


# PLAN

WEATHERHEAD/GOOSENECK CURB FOR CONDUIT PENETRATIONS

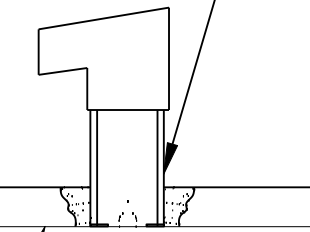


NEW PIPE PENETRATION SUPPORT - SEE DETAILS FOR FLASHING



# ELEVATION

NEW CURB - SEE DETAILS FOR BASE FLASHING



STRUCT. DECK



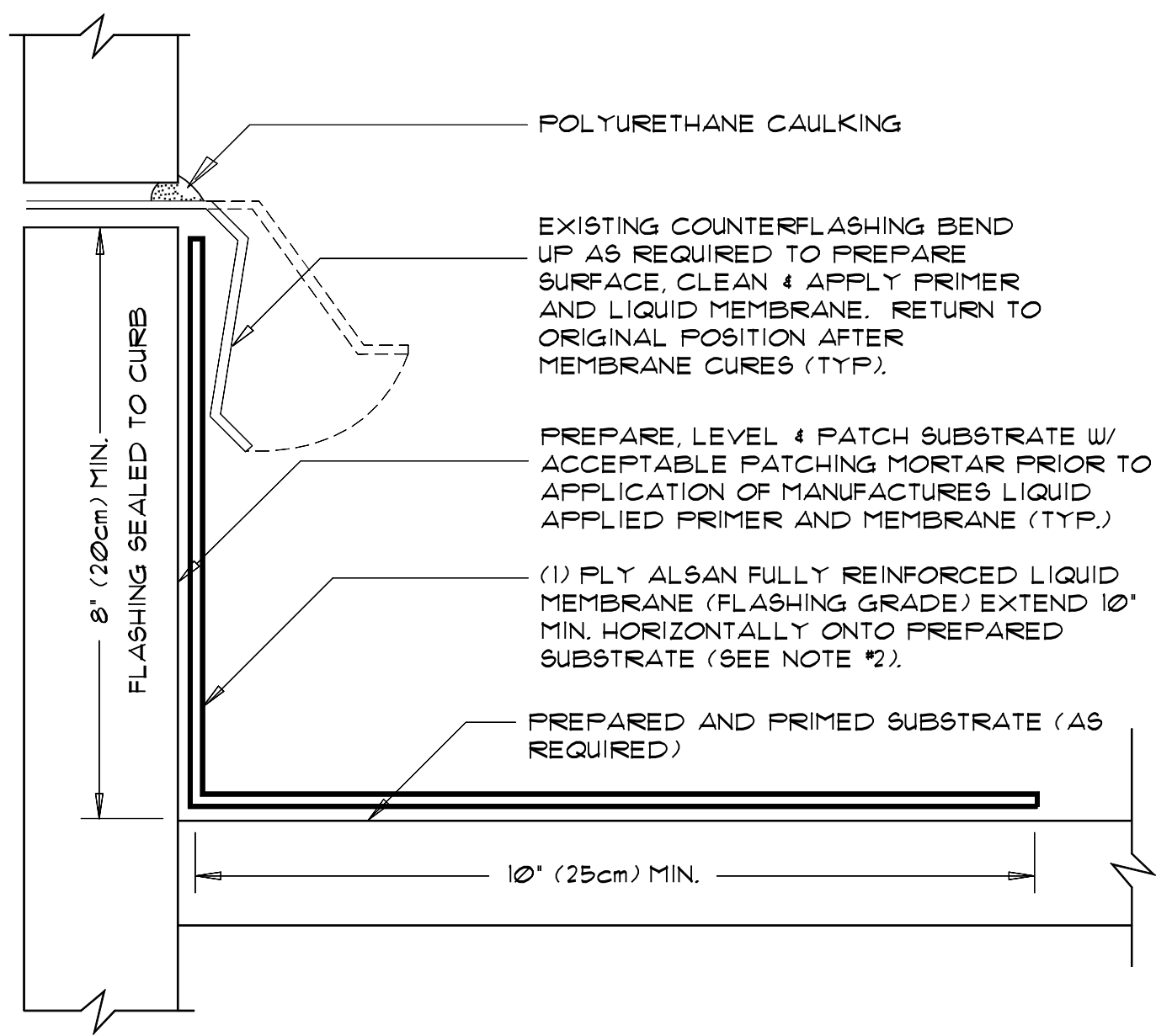
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TITLE COMBINATION MECHANICAL EQUIPMENT CURB DETAIL

SCALE





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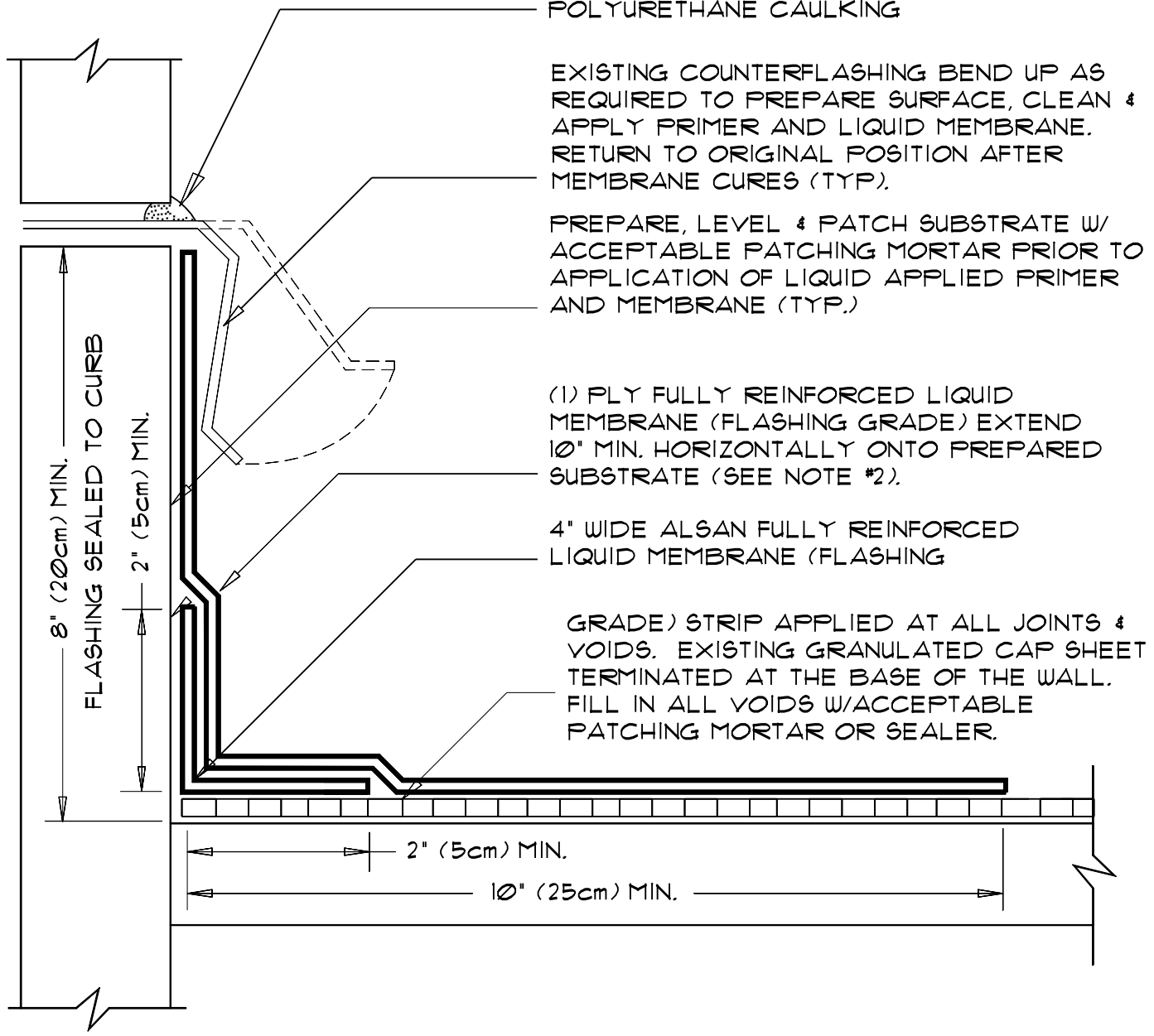


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TITLE TYPICAL MECHANICAL FLASHING DETAIL

SCALE 3" = 1'





POLYURETHANE CAULKING

EXISTING COUNTERFLASHING BEND UP AS REQUIRED TO PREPARE SURFACE, CLEAN & APPLY PRIMER AND LIQUID MEMBRANE. RETURN TO ORIGINAL POSITION AFTER MEMBRANE CURES (TYP).

PREPARE, LEVEL & PATCH SUBSTRATE W/ ACCEPTABLE PATCHING MORTAR PRIOR TO APPLICATION OF LIQUID APPLIED PRIMER AND MEMBRANE (TYP.)

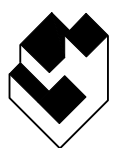
(1) PLY FULLY REINFORCED LIQUID MEMBRANE (FLASHING GRADE) EXTEND 10" MIN. HORIZONTALLY ONTO PREPARED SUBSTRATE (SEE NOTE #2).

4" WIDE ALSAN FULLY REINFORCED LIQUID MEMBRANE (FLASHING

GRADE) STRIP APPLIED AT ALL JOINTS & VOIDS. EXISTING GRANULATED CAP SHEET TERMINATED AT THE BASE OF THE WALL. FILL IN ALL VOIDS W/ACCEPTABLE PATCHING MORTAR OR SEALER.

**NOTES:**

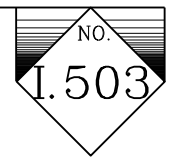
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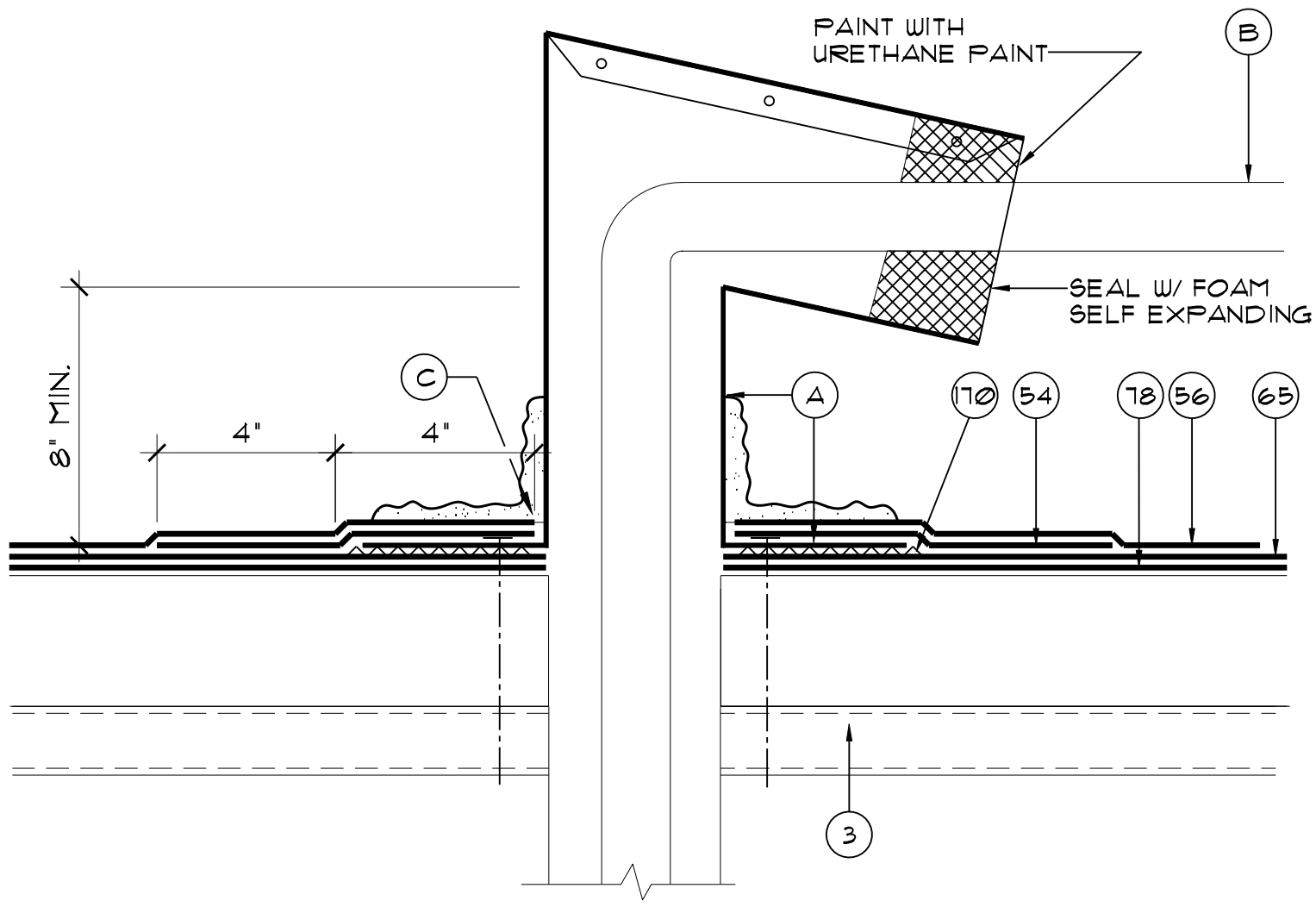


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TITLE TYPICAL MECH. FLASHING AT MODIFIED MEMBRANE

SCALE 3" = 1'





- 3. EXISTING DECK
- 54. MOD. BIT. STRIP-IN FLASHING
- 56. MODIFIED BITUMEN FLASHING
- 65. MODIFIED BITUMEN CAP SHEET
- 78. MOD. BIT. INTERPLY SHEET
- 170. APPROVED MANUFACTURER'S TROWELABLE MODIFIED BITUMEN ADHESIVE.
- A. NEW OR EXISTING GOOSENECK VENT
- B. EXIST. CONDUIT AND PIPES REROUTE THRU GOOSENECK
- C. LIQUID APPLIED FLASHING COMPOUND AS APPROVED BY THE ROOFING MANUFACTURER - EXTEND 3" MIN. ONTO/OR ONE EACH MATERIAL.



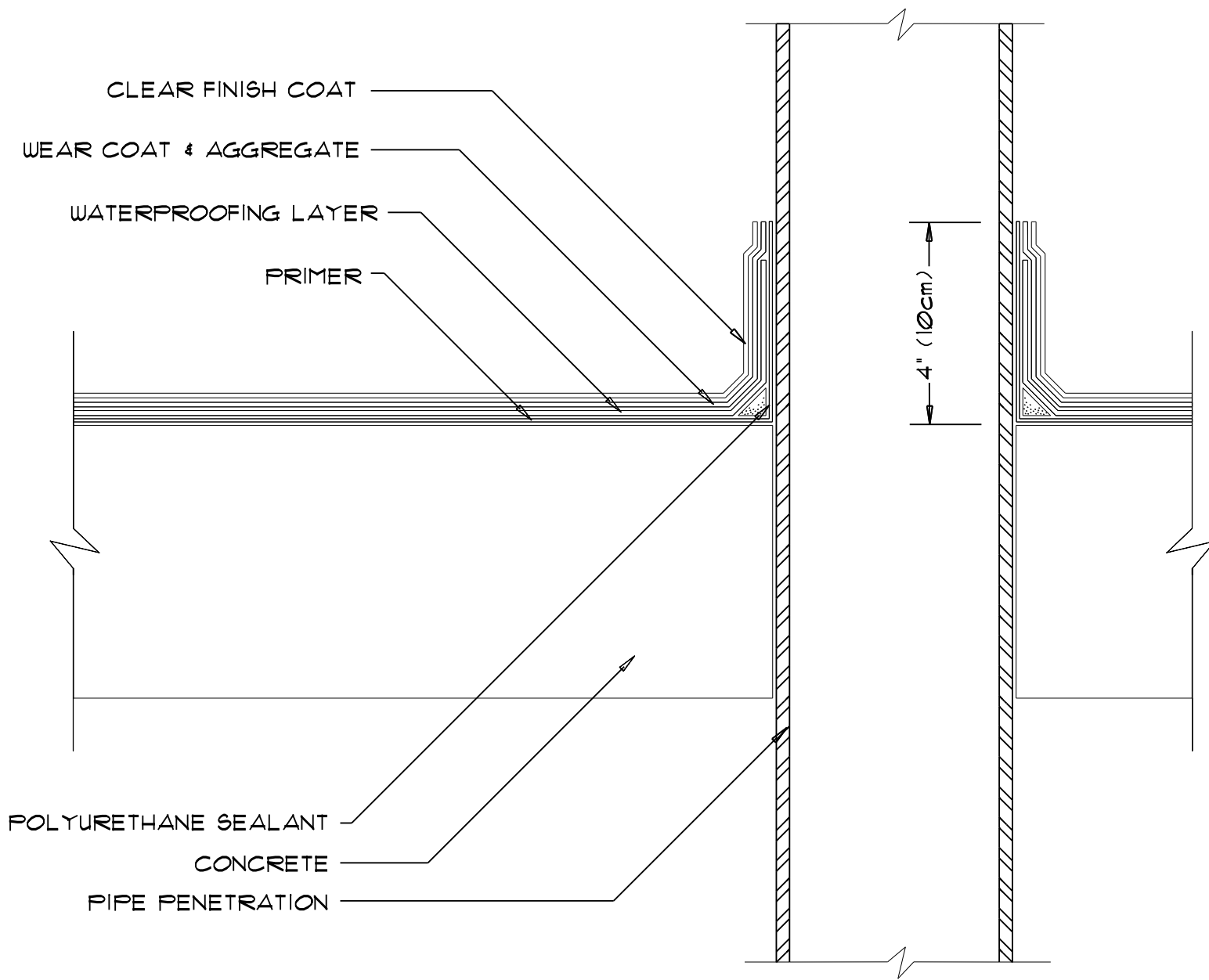
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TITLE SMALL CABLE GOOSENECK FLASHING DETAIL

SCALE 3" = 1'



PROJECT NUMBER: 15036.00 PLOT SCALE: 3" = 1'-0" DATE: ACAD FILE # 15036.602



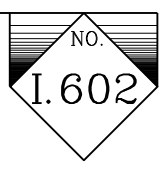
**NOTES:**

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TITLE LIQUID FLASHING PIPE PENETRATION FLASHING  
SCALE 3" = 1'





ACAD FILE # 150361701  
DATE:  
PLOT SCALE : 3" = 1'-0"  
PROJECT NUMBER: 10047100

LIQUID MEMBRANE FINGER FLASHING  
EXTENDED 4" (10cm) MIN. INTO  
PREPARED AND CLEANED DRAIN  
BOWL.

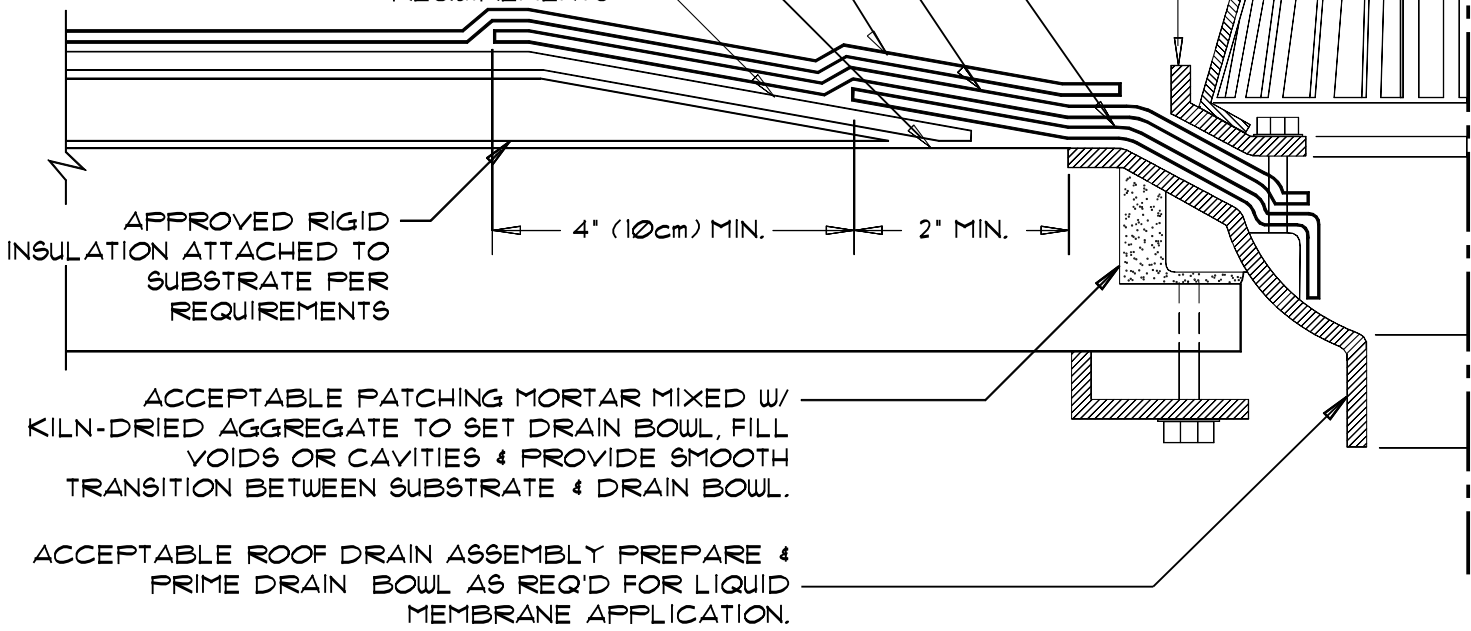
LIQUID MEMBRANE TARGET FLASHING  
EXTEND FROM EDGE OF DRAIN BOWL  
ONTO PREPARED & PRIMED  
SUBSTRATE.

FULLY REINFORCED LIQUID  
MEMBRANE (SEE NOTE #2).

PREPARE, LEVEL & PATCH SUBSTRATE  
W/ ACCEPTABLE PATCHING MORTAR  
PRIOR TO APPLICATION OF LIQUID  
APPLIED PRIMER AND MEMBRANE  
(TYP).

APPROVED RECOVERY BOARD  
ATTACHED TO SUBSTRATE PER  
REQUIREMENTS

CLAMP RING  
(OPTIONAL)



NOTES:

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2. A FULLY REINFORCED LIQUID MEMBRANE SYSTEM IS DEFINED AS AN ASSEMBLY CONSISTING OF TWO LIQUID RESIN APPLICATIONS & FABRIC REINFORCEMENT INSTALLED BETWEEN THE RESIN LAYERS. REFER TO DETAIL A-1 FOR ADDITIONAL INFORMATION.
3. 4" WIDE ALSAN FULLY REINFORCED LIQUID MEMBRANE STRIP APPLIED OVER ALL RECOVERY BOARD JOINTS, ANGLE CHANGES AND VOID. FILL JOINTS & VOID W/ACCEPTABLE PATCHING MORTAR OR PASTE TO PRIOR TO APPLICATION OF LIQUID MEMBRANE STRIPS.

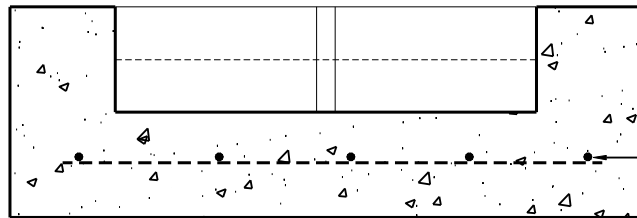
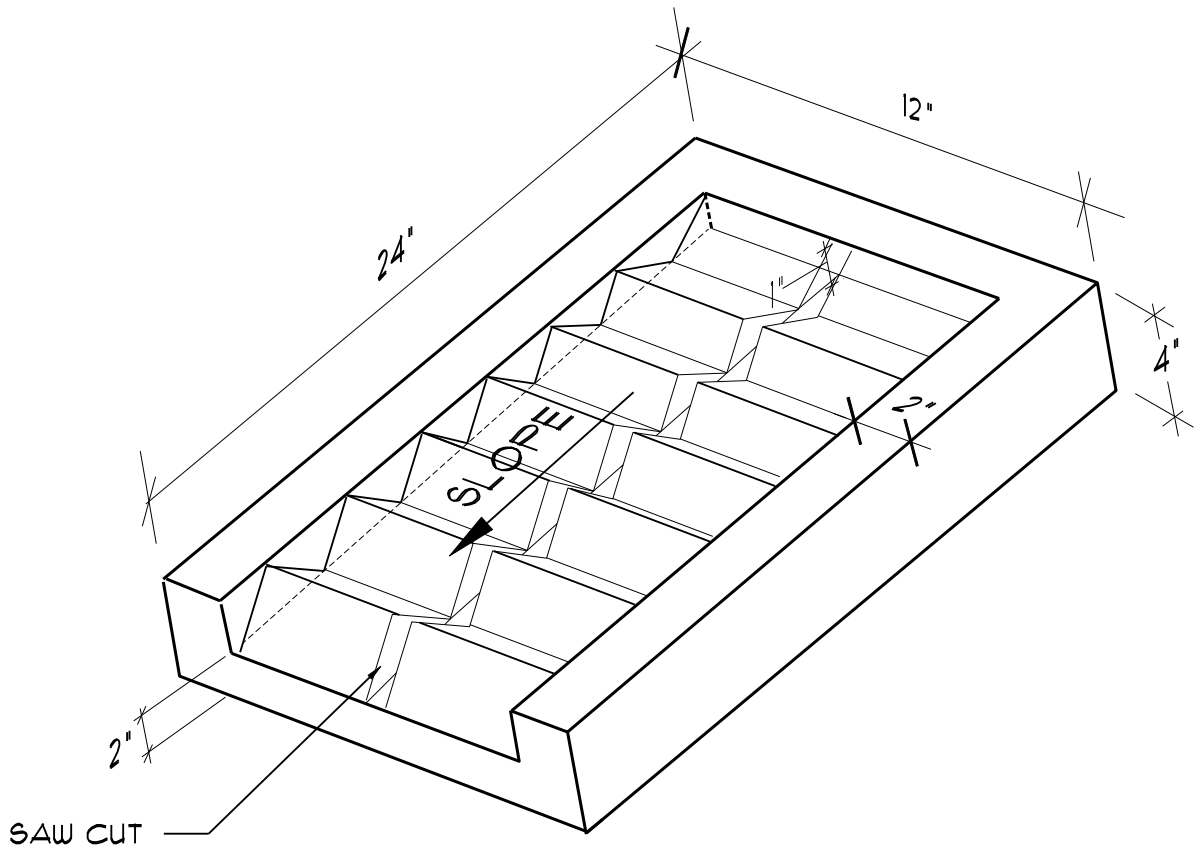


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TITLE **ROOF DRAIN FLASHING  
WITH INSULATION**

SCALE **3" = 1'-0"**





2X2-10/10 GALV.  
W W MESH

NOTE: BLOCK SHALL BE SOLID CONCRETE -  
SET BLOCK ON SOLID, LEVEL GROUND  
SET ONE SPLASH BLOCK AT EACH  
DOWNSPOUT LOCATION UNLESS OTHERWISE  
INDICATED ON THE PLANS.



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TITLE CONC. SPLASH BLOCK

SCALE N.T.S.

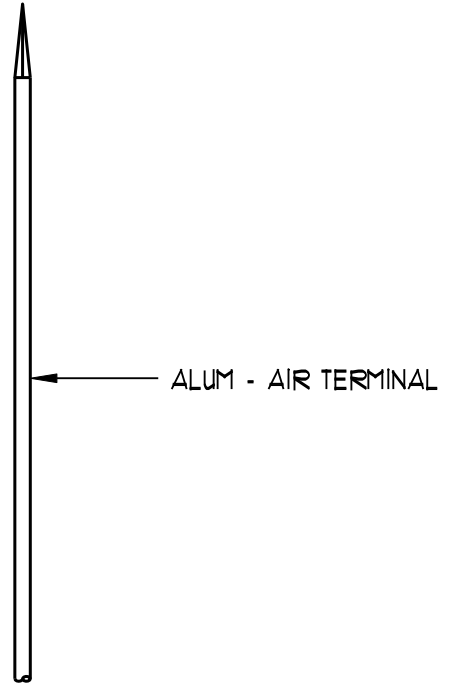
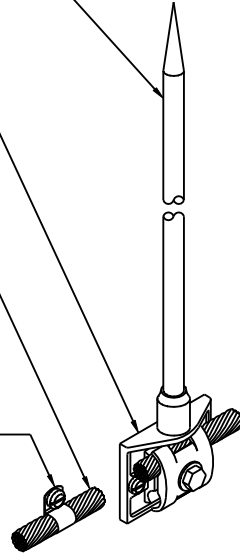


NO. A71, 1/2" X 12" SOLID ALUMINUM AIR TERMINAL

NO. A153, ALUMINUM PARAPET BASE

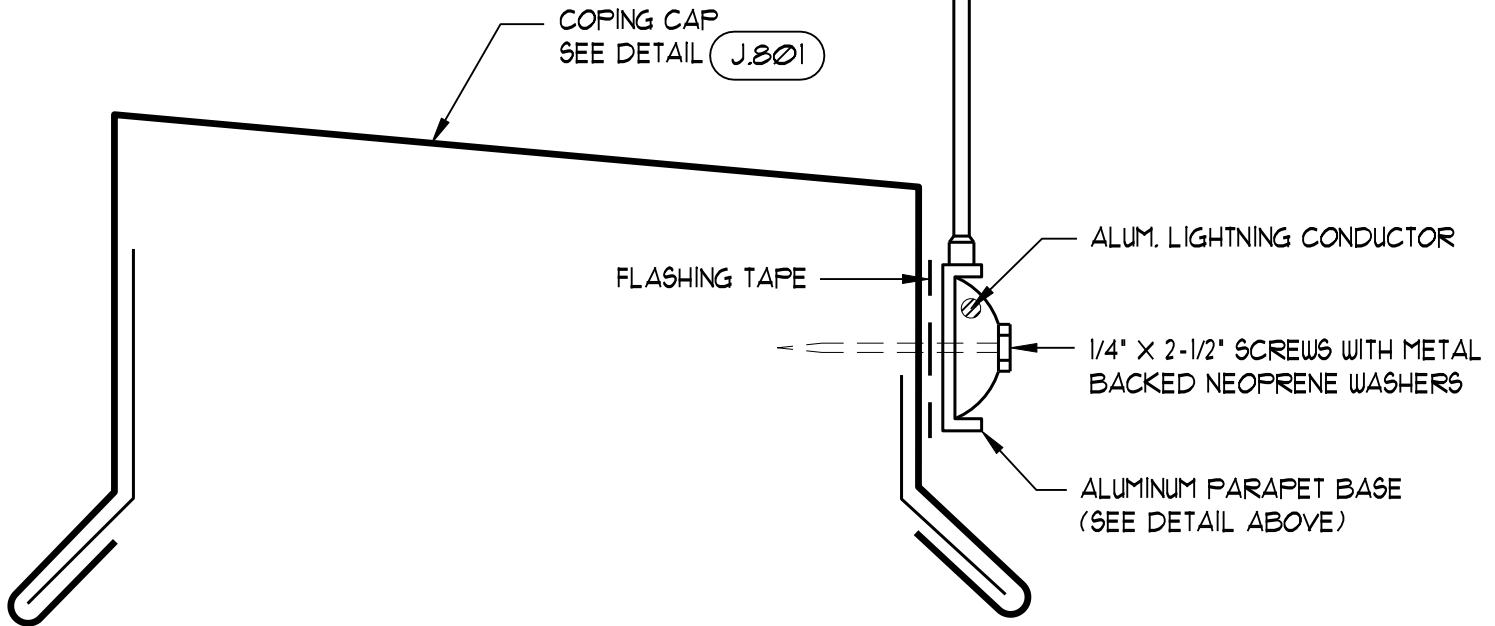
NO. A24R, CLASS I ALUMINUM LIGHTNING CONDUCTOR (24 STRANDS OF 14 AWG WIRES - 98 LBS. PER 1000')

NO. A251, ALUM. LOOP CABLE CLIP WITH STAINLESS STEEL FASTENER - EVERY 3' MAX.



### AIR TERMINAL DETAIL

NTS



### AIR TERMINAL FLASHING

NTS

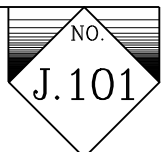


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TITLE AIR TERMINAL DETAIL  
AT PARAPET

SCALE N.T.S.

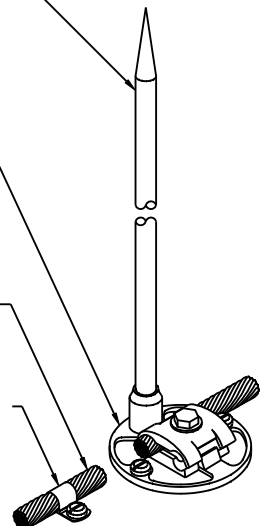


NO. A71 1/2" X 12" SOLID ALUM. AIR TERMINAL

ALUM. FLAT SURFACE BASE

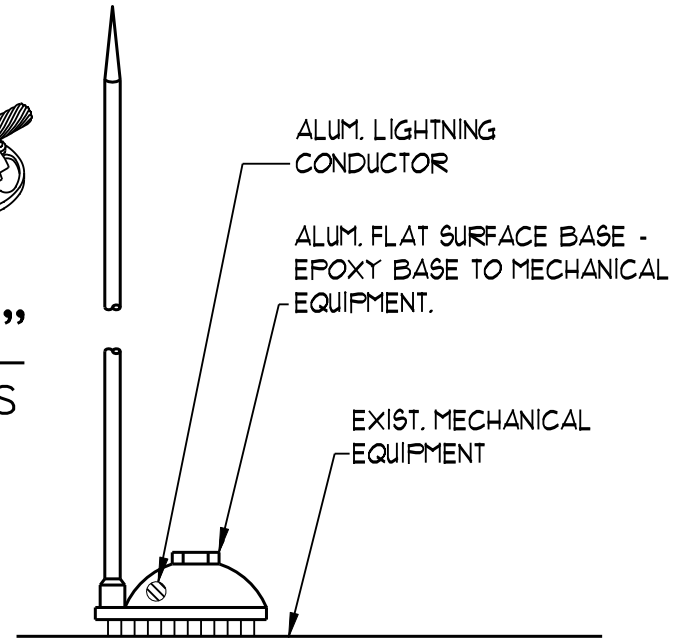
NO. A24R, CLASS I ALUMINUM LIGHTNING CONDUCTOR (24 STRANDS OF 14 AWG WIRES - 98 LBS. PER 1000')

NO. A251, ALUM. LOOP CABLE CLIP WITH STAINLESS STEEL FASTENER - EVERY 3' MAX.



# AIR TERMINAL DETAIL "A"

NTS



# AIR TERMINAL AT EQUIP.

NTS

NO. A71, 1/2" X 12" SOLID ALUMINUM AIR TERMINAL

CONC. PAVER BLOCK SET IN FULL BED OF MASTIC.

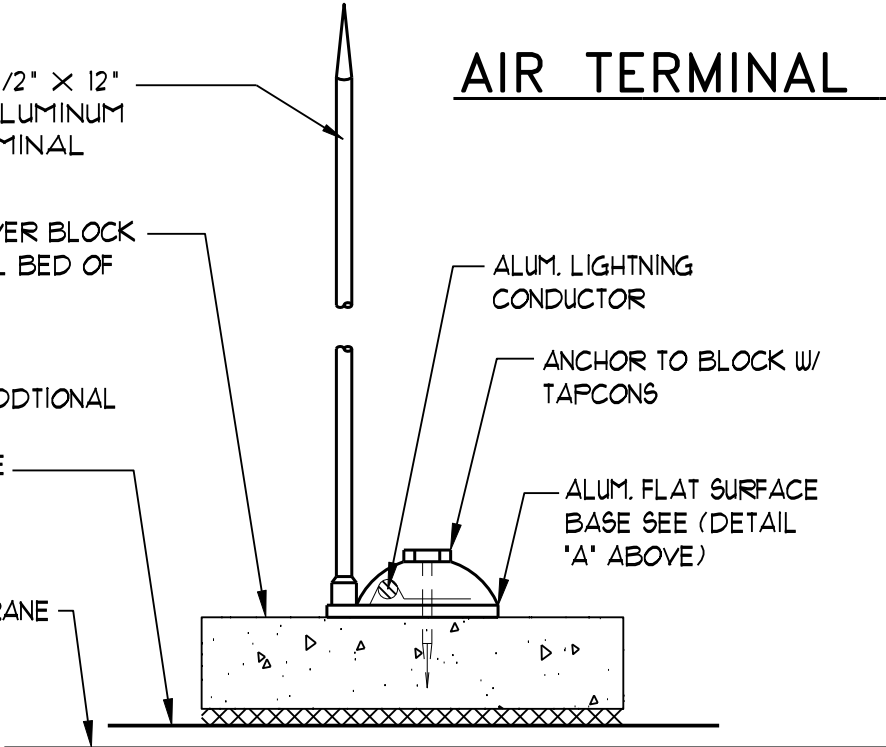
INSTALL ADDITIONAL LAYER OF MEMBRANE

NEW MOD. BIT MEMBRANE

ALUM. LIGHTNING CONDUCTOR

ANCHOR TO BLOCK W/ TAPCONS

ALUM. FLAT SURFACE BASE SEE (DETAIL 'A' ABOVE)



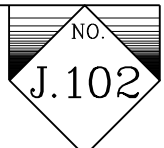
# AIR TERMINAL AT ROOF

NTS



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TITLE AIR TERMINAL  
DETAIL  
SCALE N.T.S.



1. THE COMPLETED INSTALLATION SHALL MEET THE REQUIREMENTS OF THE NATIONAL FIRE PROTECTION ASSOCIATION'S LIGHTNING PROTECTION CODE - 1995 (NFPA 780) AND THE "INSTALLATION REQUIREMENTS FOR LIGHTNING PROTECTION SYSTEMS, UL 96A" OF UNDERWRITERS LABORATORIES INC. THE MASTER LABEL SHALL BE FURNISHED TO THE OWNER UPON COMPLETION.
2. ALUMINUM LIGHTNING PROTECTION SYSTEM COMPONENTS SHALL NOT BE MOUNTED TO COPPER SURFACES. COPPER COMPONENTS SHALL BE USED TO AVOID ELECTROLYTIC CORROSION.
3. GROUNDED METAL BODIES WITHIN THE BONDING DISTANCE DETERMINED BY NFPA 780 - 1992 SHALL BE BONDED TO THE SYSTEM IN ACCORDANCE WITH CODE REQUIREMENTS.
4. UNDERGROUND METALLIC PIPING ENTERING THE BUILDING SHALL BE BONDED TO THE NEAREST DOWN CONDUCTOR OR GROUND ELECTRODE.
5. CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO BIDDING TO EXAMINE EXISTING CONDITIONS.
6. NOT ALL BONDING AND WIRING REQUIREMENTS ARE SHOWN ON THE PLANS. AT THE PROJECT SITE, THE CONTRACTOR SHALL DO AN ACCURATE TAKE-OFF OF ELEMENTS TO BE BONDED AND VERIFY CABLE ROUTING REQUIREMENTS.
7. THE LIGHTNING PROTECTION WORK IS TO BE CONCURRENT WITH THE THE RE-ROOFING WORK. EXISTING ROOF EQUIPMENT IS TO REMAIN, BE REPLACED OR BE REMOVED. THE CONTRACTOR SHALL COORDINATE AND VERIFY ALL AFFECTED EQUIPMENT TO BE BONDED.
8. SEE SPECIFICATIONS FOR SUBMITTAL AND SHOP DRAWING REQUIREMENTS.
9. SET EACH AIR TERMINAL BASE IN FULL BED OF ROOFING MEMBRANE MANUFACTURER'S RECOMMENDED ADHESIVE/SEALANT.
1. THE EXISTING LIGHTNING PROTECTION DOWNLEADS SHALL BE DISCONNECTED AND RETAINED. THE NEW SYSTEM AT EACH PHASE SHALL BE RECONNECTED TO THE EXISTING DOWNLEADS. THE CONTRACTOR SHALL TEST FOR MINIMUM RESISTANCE AND CONTINUITY: NEW DOWNLEADS SHALL BE INSTALLED AT EXISTING LOCATIONS IF NECESSARY TO MEET MINIMUM STANDARDS FOR CERTIFICATION:.
2. THE NEW INSTALLATION SHALL BE IN CONFORMANCE WITH UL 96A AND NFPA 780. THE NEW SYSTEM AS INSTALLED SHALL BE CERTIFIED FOR MASTER 'C' LABEL UPON COMPLETION.
3. THE EXISTING LIGHTNING PROTECTION SYSTEM SHALL BE REMOVED FOR NEW ROOF INSTALLATION BY PHASES AS SHOWN ON THE DRAWINGS. A NEW SYSTEM AS HEREIN DETAILED SHALL BE INSTALLED AND CERTIFIED UPON COMPLETION OF THE ROOFING PHASE OF THE PROJECT.
4. ADHESIVE COMPATIBLE WITH THE ROOF MEMBRANE SHALL BE UTILIZED FOR ALL BRACKETS AND MOUNTING HARDWARE. PENETRATION OF THE ROOF MEMBRANE FOR SCREWS OR HARDWARE BRACKETS WILL NOT BE PERMITTED.
5. THE CONTRACTOR SHALL BOND ALL PLUMBING VENTS, ROOF DRAINS AND MECHANICAL EQUIPMENT TO THE LIGHTNING PROTECTION SYSTEM IN COMPLIANCE WITH NFPA 780.
6. THE LIGHTNING PROTECTION SYSTEM SHALL BE FULLY FUNCTIONAL AND CONTINUOUS UPON COMPLETION OF THE PHASE I WORK. PARTIAL WORK OR A NON-CONTINUOUS SYSTEM LEFT OVER FOR PHASE II WORK WILL NOT BE PERMITTED. MAXIMUM PROTECTION FOR THE FACILITY SHALL BE PROVIDED DURING PHASE I AND II WORK.



1/2" X 1/2" SOLID ALUMINUM AIR TERMINAL

STAINLESS STEEL NUT/FLAT WASHER  
LEAD SEALING WASHER  
SEALANT - SILAPRENE

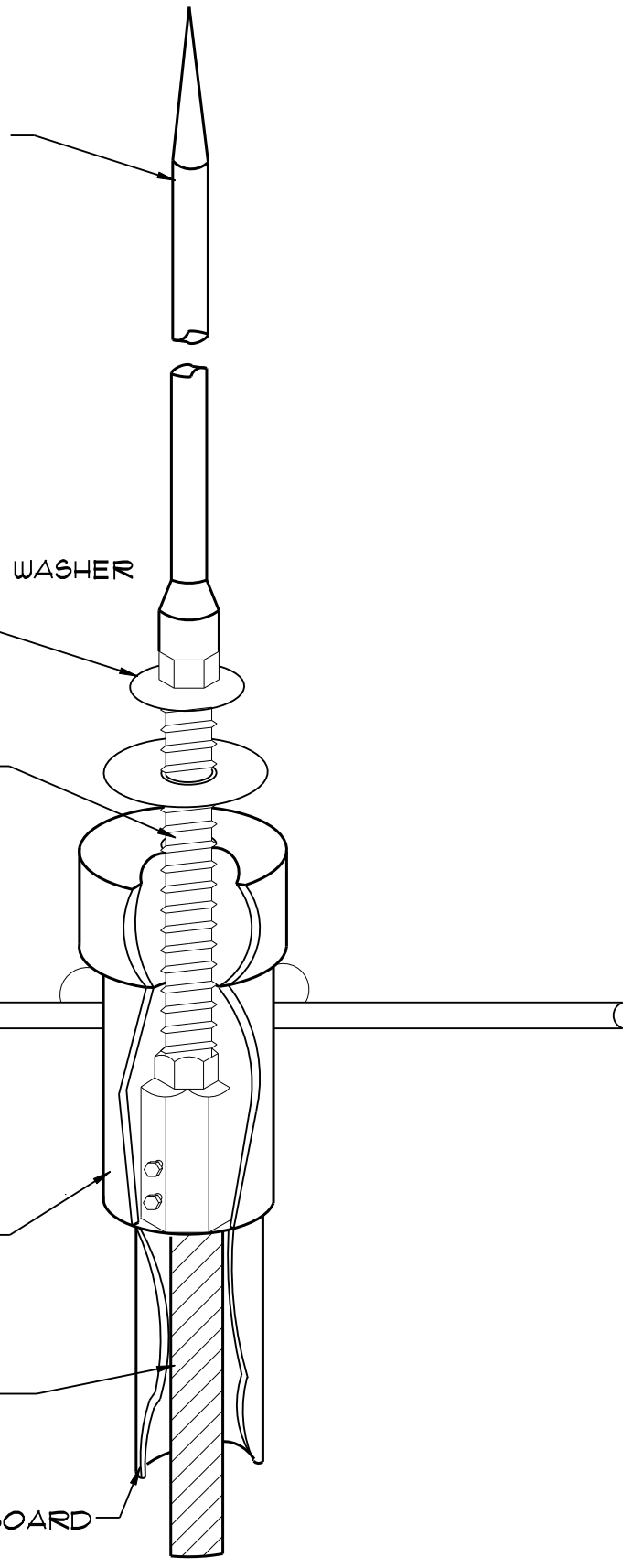
1/2" STAINLESS STEEL ALL THREAD

FRP SKIN

BRASS VERTICAL CONNECTOR

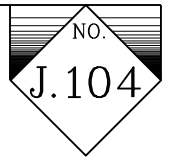
#29/11 COPPER LIGHTNING CONDUCTOR

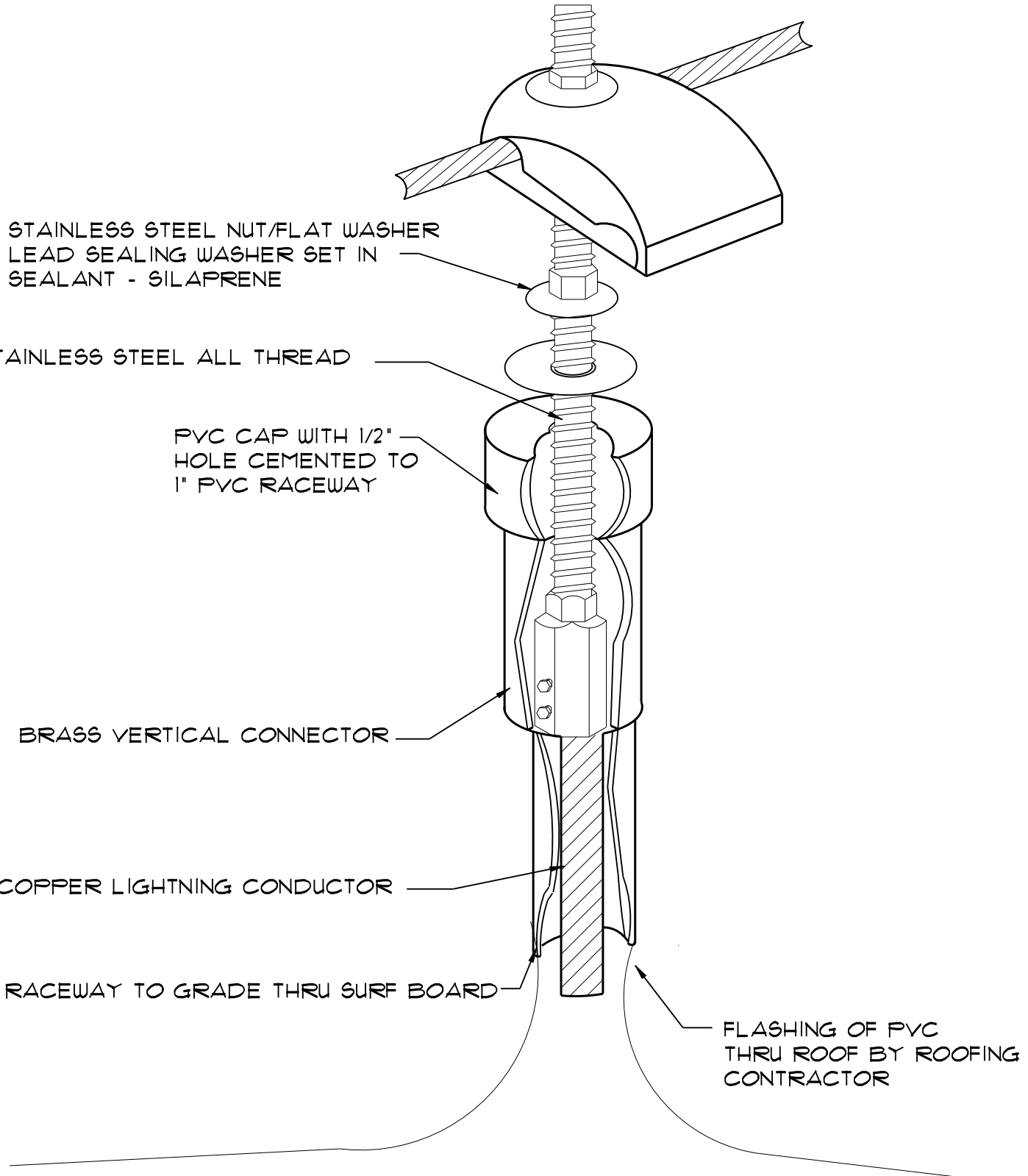
1 PVC RACEWAY TO GRADE THRU SURF BOARD



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TITLE THRU-ROOF/THRU-WALL  
 LIGHTNING PROTECTION  
 ASSEMBLY  
SCALE N.T.S.





STAINLESS STEEL NUT/FLAT WASHER  
 LEAD SEALING WASHER SET IN  
 SEALANT - SILAPRENE

1/2" STAINLESS STEEL ALL THREAD

PVC CAP WITH 1/2"  
 HOLE CEMENTED TO  
 1" PVC RACEWAY

BRASS VERTICAL CONNECTOR

#29/17 COPPER LIGHTNING CONDUCTOR

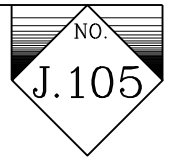
1 PVC RACEWAY TO GRADE THRU SURF BOARD

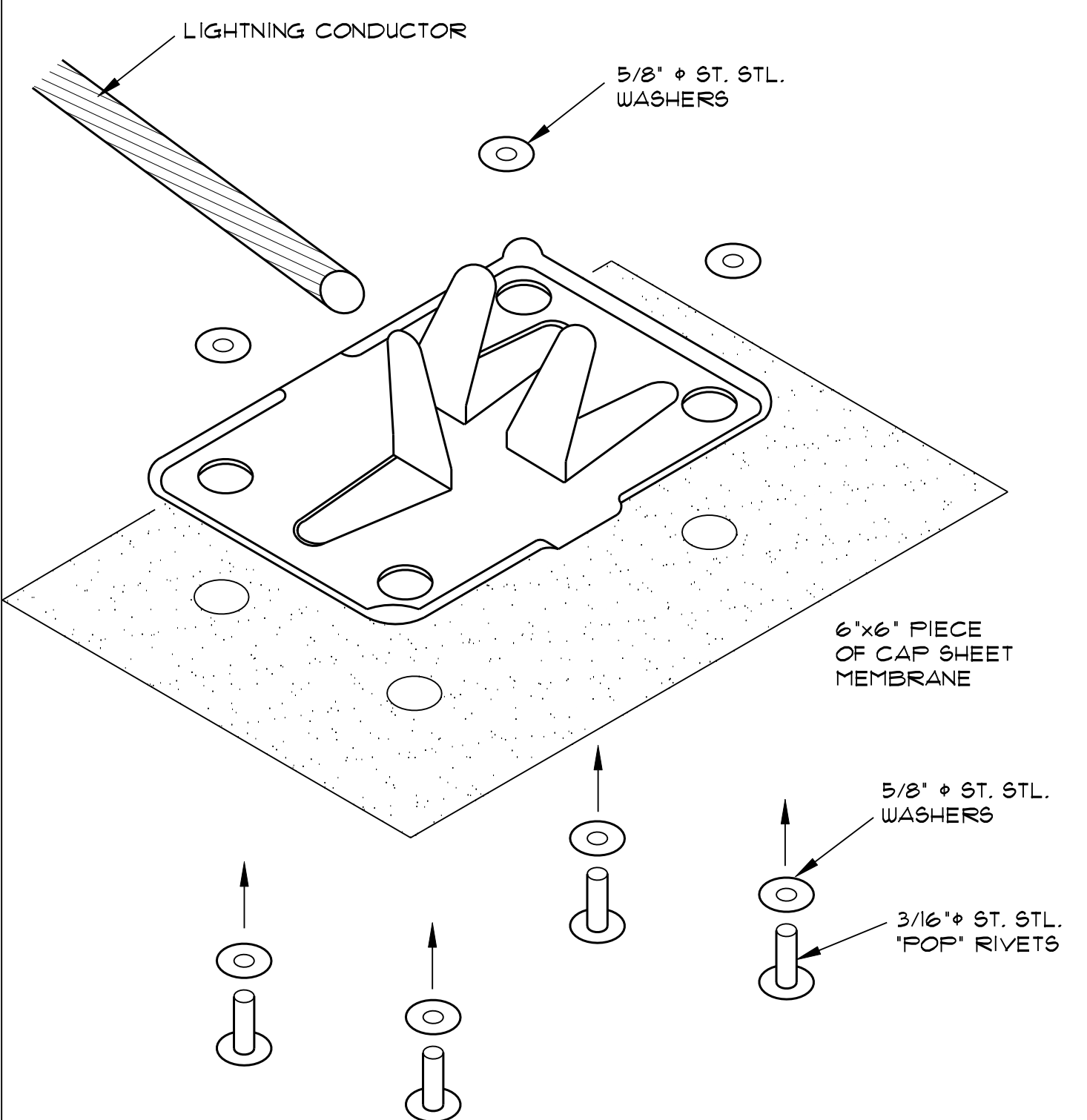
FLASHING OF PVC  
 THRU ROOF BY ROOFING  
 CONTRACTOR



**A/R/C Associates Incorporated**  
 601 NORTH FERN CREEK AVENUE SUITE 100  
 ORLANDO, FLORIDA 32803-4899  
 TEL (407)896-7875 FAX (407)898-6043

TITLE THRU-ROOF/THRU-WALL  
 LIGHTNING PROTECTION  
 ASSEMBLY  
SCALE N.T.S.





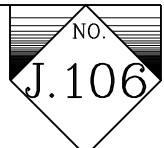
**NOTE:** THE ABOVE IS A PATENTED ASSEMBLY MANUFACTURED BY & AVAILABLE FROM WHITE LIGHTNING LLC PHONE: 813-240-6548

1. PREASSAMBLE ABOVE ANCHOR SYSTEM
2. ADHERE TO ROOF SYSTEM BY TORCH OR MASTIC
3. INSTALL & SECURE CABLES
4. LOCATE PER U.L. REQMT'S.

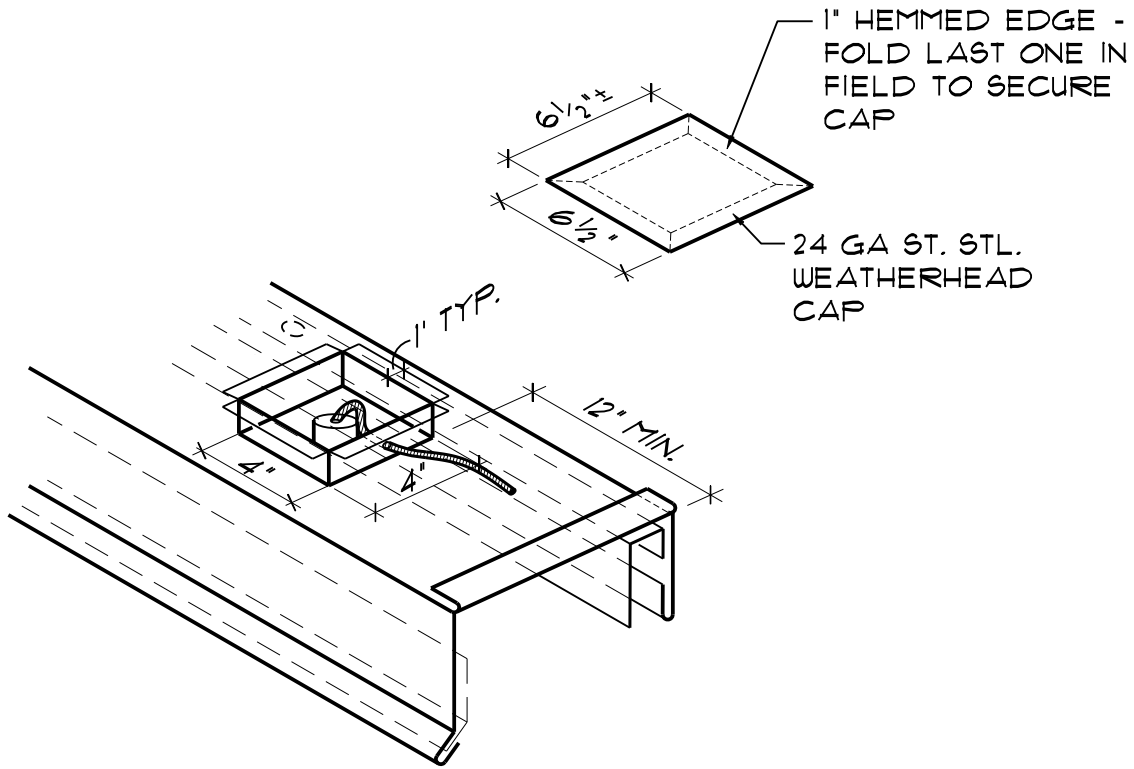


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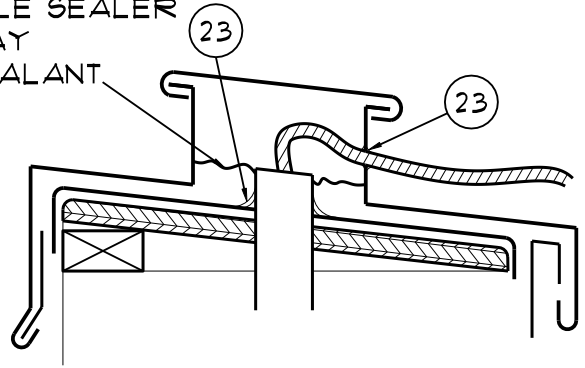
TITLE TYP. LIGHTNING CONDUCTOR ANCHORAGE DETAIL  
SCALE N.T.S.







POURABLE SEALER  
OR SPRAY  
FOAM SEALANT.



SECTION

NOTES:

1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED

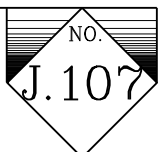


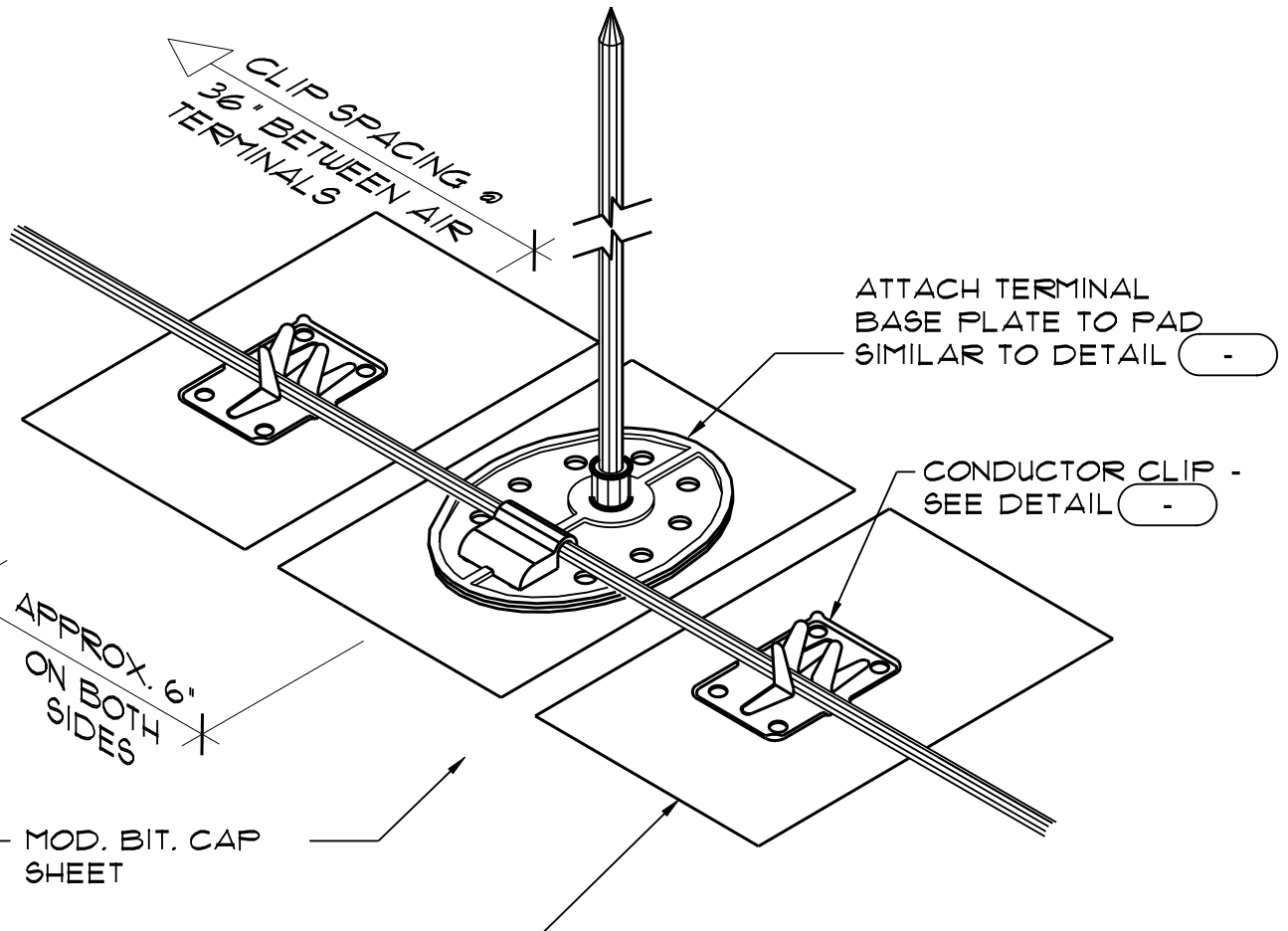
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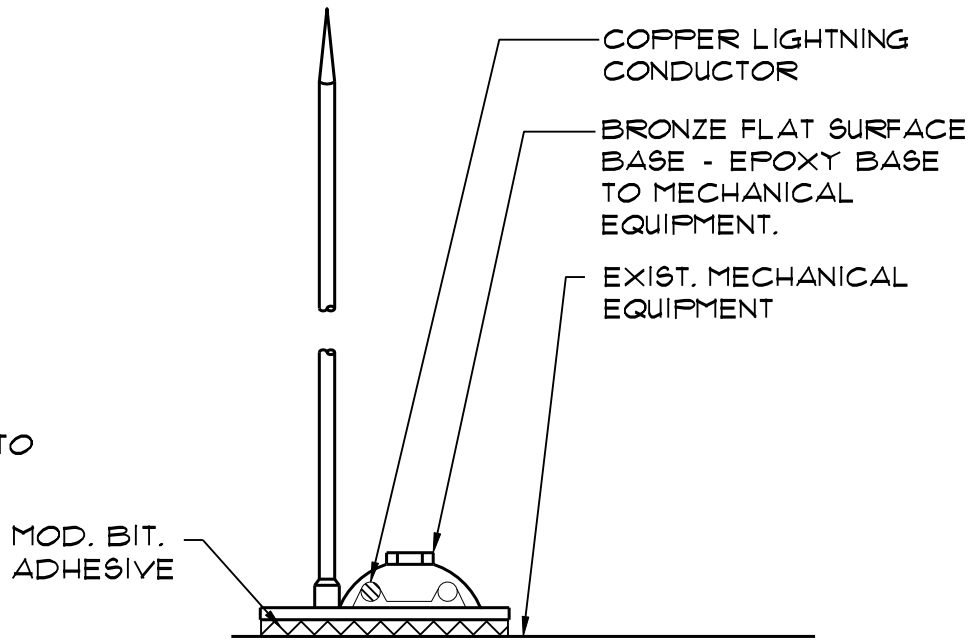
TITLE COPING CAP W/ LIGHTNING PROTECTION WEATHERHEAD

SCALE N.T.S.





**NOTE:**  
PROVIDE INTERMEDIATE  
CONDUCTOR CLIPS AT  
APPROXIMATELY 36" O.C. TO  
NEXT AIR TERMINAL



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TITLE TYP. FLAT AIR TERMINAL  
DETAILS

SCALE N.T.S.

