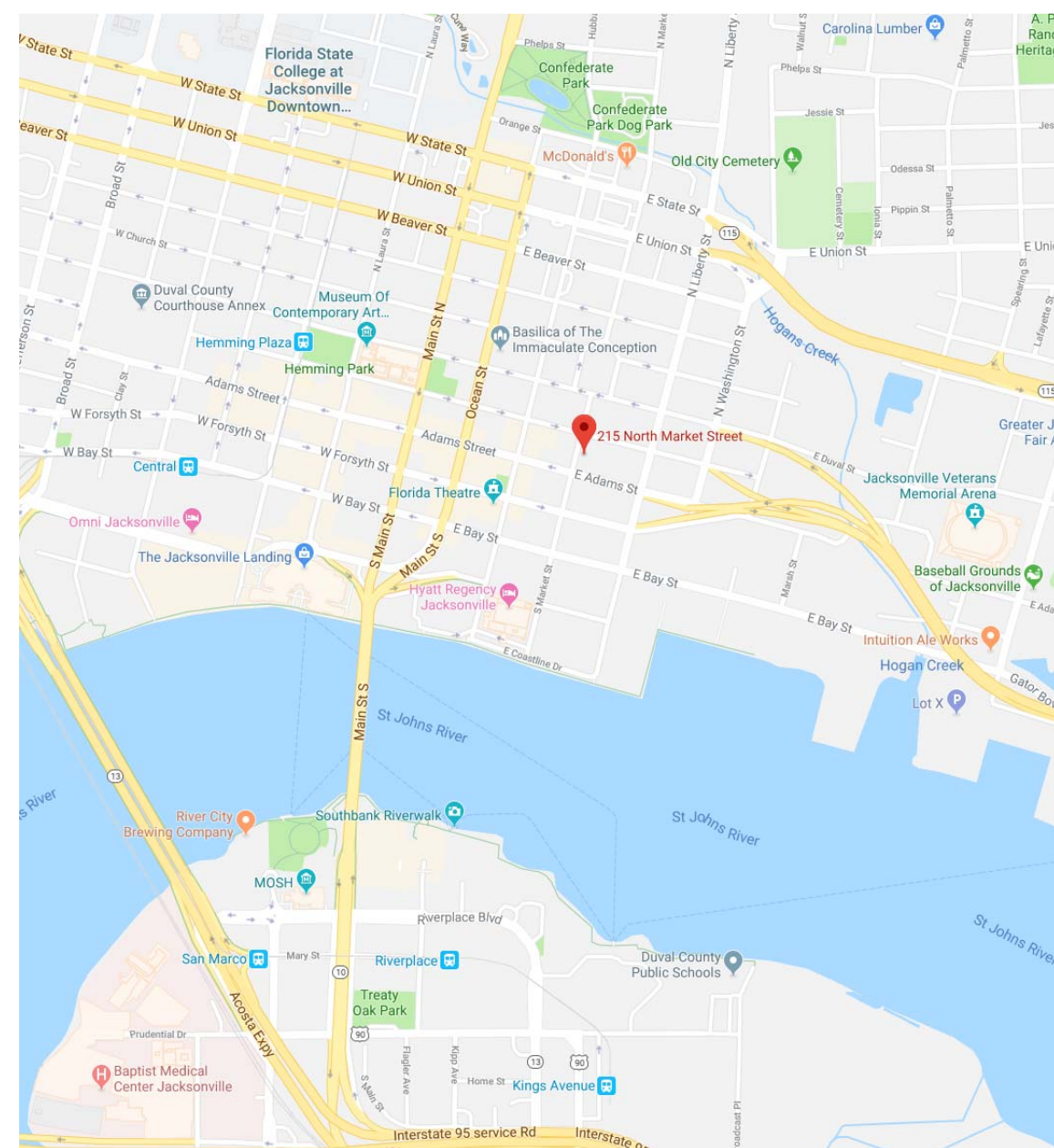


ROOF REPLACEMENT AND DESIGNATED REPAIRS OF: FULLER WARREN BUILDING

215 MARKET ST, JACKSONVILLE , FL 32202



 SITE VICINITY MAP



AGENCY ORGANIZATION

RON DESANTIS
GOVERNOR

KEN LAWSON
EXECUTIVE DIRECTOR

BRIAN MCMANUS
CHIEF OF STAFF

DRAWING INDEX

Sheet Number	Sheet Name
A00	COVER SHEET, SITE VICINITY MAP, AND DRAWING INDEX
A01	OVERALL SITE PLAN, ROOF SCHEDULES, WIND UP-LIFT MAP, AND CODE DATA
A02	PLANS - OVERALL ROOF PLAN
B01	DETAILS - FASTENER SCHEDULE, GENERAL NOTES AND ABBREVIATIONS
B02	DETAILS - EDGE AND BASE FLASHING
B03	DETAILS - FLASHING TRANSITIONS AND FABRICATION
B04	DETAILS - BASE AND CURB FLASHING
B05	DETAILS - ROOF PENETRATION FLASHING & DECK IN-FILL
B06	DETAILS - ROOF DRAINAGE AND FABRICATION
B07	DETAILS - MISCELLANEOUS FABRICATION



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8.58.02

JAMES W. RIPLEY AR-0012758
 JOSEPH J. WILLIAMS AR-0007684

REVISIONS

NO.	DATE	BY:

COVER SHEET, SITE VICINITY MAP, AND DRAWING INDEX

Roof Replacement and Designated Repairs for the:

FULLER WARREN BUILDING

Florida Department of Economic Opportunity
215 Market Street, Jacksonville, Florida 32202

JOB NO.: 18052.00
DRAWN BY: TG
DESIGNED BY: TG
CHECKED BY: JW
DATE: 03/15/2019

A00
SHEET NO.:
1 OF 10 SHEETS(S)

PHSICAL CHARACTERISTICS SCHEDULE

Roof Area Number	Area	Existing Roof Deck Type	Existing Slope	Proposed Slope	Existing Roof Type	Proposed Roof Type	Existing Insulation	Proposed Insulation	Existing Flashing Metal	Proposed Flashing Metal
1/A	13,744 SF	CONCRETE CASTE-IN-PLACE	1/8"/FT.	1/8" + 1/4"/ FT.	MOD. BIT.	SINGLE-PLY (FULLY ADHERED)	TAPERED RIGID ISO / PERLITE BD.	TAPERED RIGID ISO / GYPSUM BD.	PRE-FIN. ALUM.	ALUM. / PVC COATED ALUM.
1/B	3,034 SF	L.W.L.C. OVER MTL. DECK	1/8"/FT.	1/4"/FT.	MOD. BIT.	SINGLE-PLY (FULLY ADHERED)	TAPERED RIGID ISO / PERLITE BD.	TAPERED RIGID ISO / GYPSUM BD.	PRE-FIN. ALUM.	ALUM. / PVC COATED ALUM.
1/C	110 SF	CONCRETE CASTE-IN-PLACE	1/8"/FT.	1/4"/FT.	MOD. BIT.	SINGLE-PLY (FULLY ADHERED)	TAPERED RIGID ISO / PERLITE BD.	TAPERED RIGID ISO / GYPSUM BD.	PRE-FIN. ALUM.	ALUM. / PVC COATED ALUM.
Total Area	16,888 SF									

The quantities provided are from the architect's field investigation and are provided for the contractor's use. The information represents what was found on the date the work was performed at the location. This information may not be consistent at all areas or locations within the scope of work. The contractor is cautioned to confirm the existing conditions to the extent necessary to properly bid and construct the scope of work. Any deviations found should be brought to the attention of the architect

WIND UPLIFT DATA:

FLORIDA BLDG CODE DATA

(FBC - 6TH EDITION 2017 EDITION / ASCE 7-10)

AREA 1/A

Risk Category	II
Wind Spe - Ultimate	125 MPH
- Nominal (Actual)	97 MPH
Building Enclosure	E
Building Exposure	B
Internal Pressure Coefficient	0.18
Mean Roof Height	40.00
Edge / Corner Zone Width	8.1 FT

Ultimate (Factored) Wind Design Pressures

Zone 1 (Field)	12 / -31	PSF
Zone 2 (Edge)	12 / -51	PSF
Zone 3 (Corner)	12 / -77	PSF
Zone 4 (Wall)	28 / -33	PSF
Zone 5 (Corner)	28 / -40	PSF

Actual (Unfactored) Wind Design Pressures

Zone 1 (Field)	7 / -18	PSF
Zone 2 (Edge)	7 / -31	PSF
Zone 3 (Corner)	7 / -46	PSF
Zone 4 (Wall)	17 / -20	PSF
Zone 5 (Corner)	17 / -24	PSF

AREA 1/B

Risk Category	II
Wind Spe - Ultimate	125 MPH
- Nominal (Actual)	97 MPH
Building Enclosure	E
Building Exposure	B
Internal Pressure Coefficient	0.18
Mean Roof Height	52.00
Edge / Corner Zone Width	3.0 FT

Ultimate (Factored) Wind Design Pressures

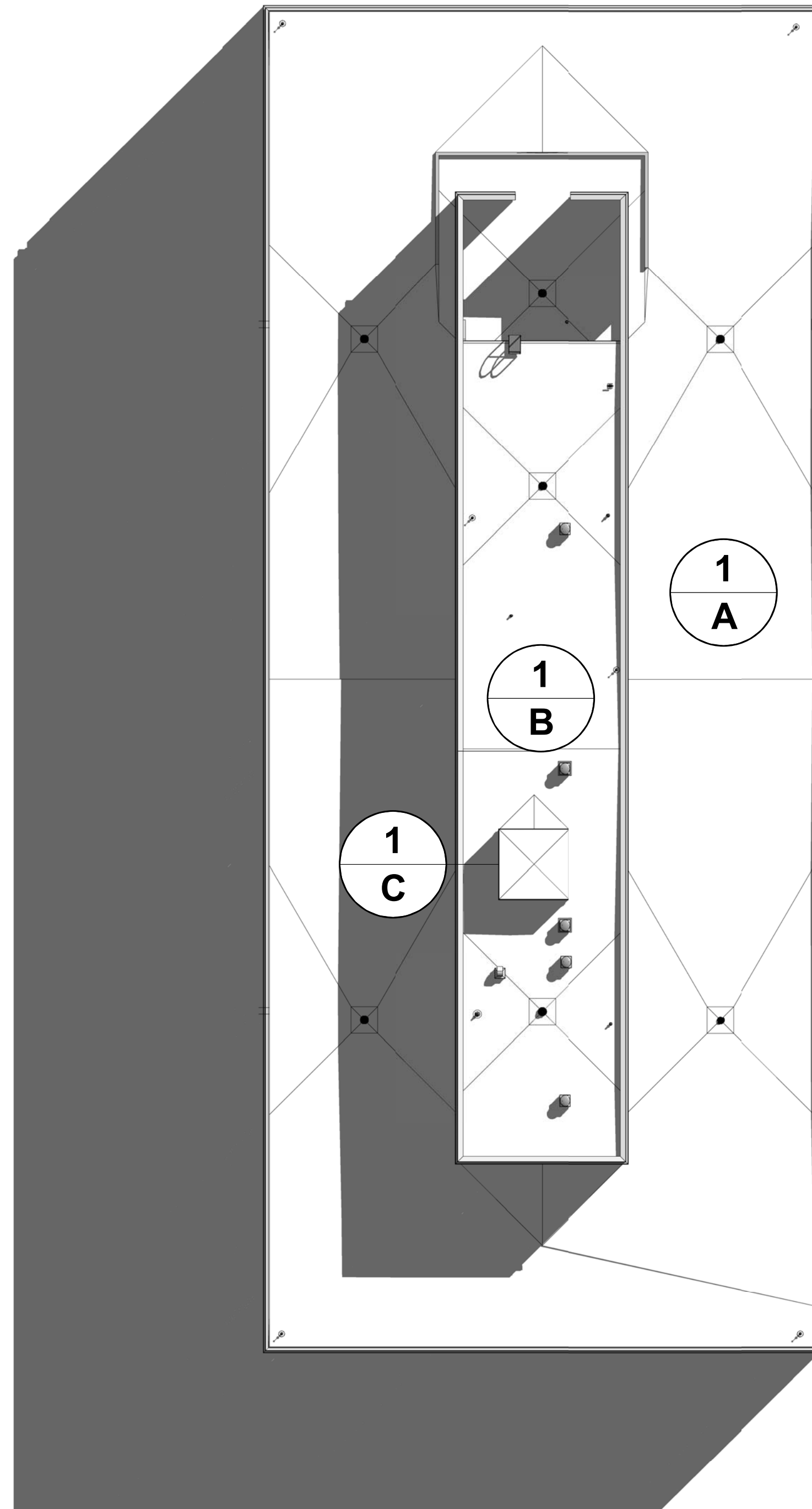
Zone 1 (Field)	13 / -33	PSF
Zone 2 (Edge)	13 / -55	PSF
Zone 3 (Corner)	13 / -83	PSF
Zone 4 (Wall)	30 / -35	PSF
Zone 5 (Corner)	30 / -44	PSF

Actual (Unfactored) Wind Design Pressures

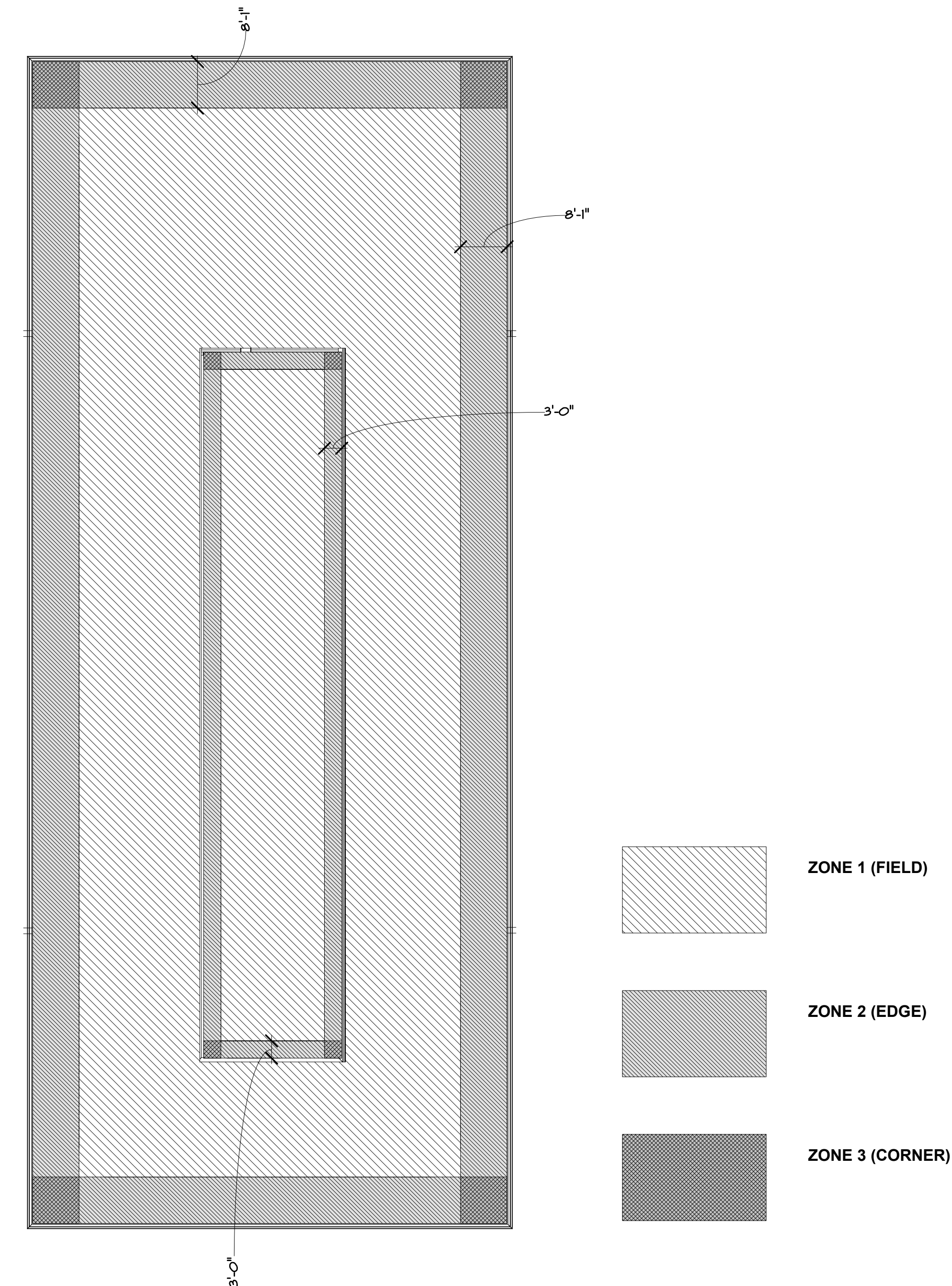
Zone 1 (Field)	8 / -20	PSF
Zone 2 (Edge)	8 / -33	PSF
Zone 3 (Corner)	8 / -50	PSF
Zone 4 (Wall)	18 / -21	PSF
Zone 5 (Corner)	18 / -26	PSF

BUILDING CODE NOTES:

- Based on the available information and field investigation of the existing structure, to the best of my knowledge, the construction shown by these drawings has been designed to meet or exceed the wind load requirements of section 1609 of the Florida Building Code, 6th edition (2017) as defined above.
- The edge securement for low-slope membrane roof systems; metal edge securement are designed in accordance with test protocols for high-velocity hurricane zone Roofing Application Standard (RAS) No. 111 - Standard Requirements for Attachment of Perimeter Wood Blocking and Metal Flashing as contained in the Florida Building Code, 6th edition (2017). This standard defines the prescriptive measures for attachment of perimeter wood blocking and metal flashing to comply with the requirements of the Florida Building Code in all areas of the state, including Dade County.
- The existing structure, as designed, is adequate to support the loads imposed upon it by the new roof flashing system as proposed in these documents.



OVERALL SITE PLAN
1/16" = 1'-0"



WIND-UP LIFT
1/16" = 1'-0"

OVERALL SITE PLAN, ROOF SCHEDULES, WIND UP-LIFT MAP, AND CODE DATA

Roof Replacement and Designated Repairs for the:

FULLER WARREN BUILDING

Florida Department of Economic Opportunity
215 Market Street, Jacksonville, Florida 32202

JOB NO.: 18052.00
DRAWN BY: TG
DESIGNED BY: TG
CHECKED BY: JW
DATE: 03/15/19

A01

SHEET NO.:
2 OF 10 SHEET(S)



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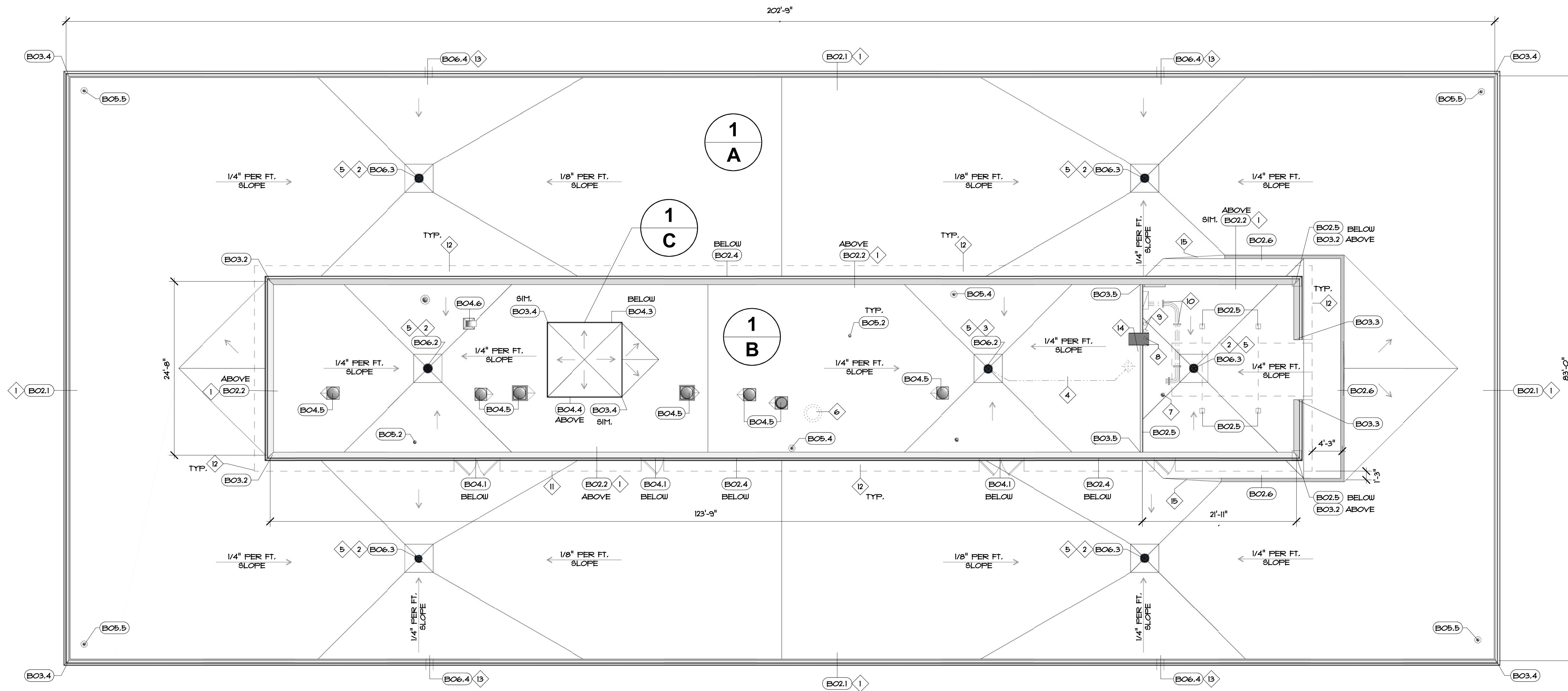
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REVISIONS

NO.	DATE	BY:



ROOF PLAN
1/8" = 1'-0"

SPECIFIC NOTES

- | | | |
|--|--|--|
| <p>1 REMOVE AND STORE EXISTING LIGHTNING PROTECTION SYSTEM - REINSTALL AFTER NEW ROOF SYSTEM IS IN PLACE - SEE DETAILS BO5.3, BO5.6 & BO6.1 - REPLACE DAMAGED OR DETERIORATED EQUIPMENT</p> <p>2 REMOVE AND REPLACE PRIMARY ROOF DRAIN AT EXIST. LOCATION (MATCH EXIST. DRAIN SIZE), PROVIDE NEW 4'-0" X 4'-0" X 3/4" PER FOOT TAPERED SUMP & RECONNECT TO THE EXIST. LEADER PIPING BELOW TO BE REUSED.</p> <p>3 RELOCATE PRIMARY DRAIN AS INDICATED PER PLAN & INSTALL NEW (MATCH EXIST. DRAIN SIZE), PROVIDE NEW 4'-0" X 4'-0" X 3/4" PER FOOT TAPERED SUMP & RECONNECT TO EXISTING LEADER PIPING BELOW DECK</p> <p>4 INSTALL NEW LEADER PIPE AT 1/4" PER FOOT SLOPE (MIN.) WITHIN CEILING FLENUM & INSULATE PIPE (SIZE AS NOTED) - F.V. ACTUAL LOCATION AND PIPE ROUTING.</p> <p>5 ROD, BLOW &/OR SNAKE ALL EXIST. DRAIN LEADER LINES TO ENSURE THEY ARE CLEAR AND FULLY FUNCTIONAL. INFORM OWNER OF ANY DRAINAGE PROBLEMS.</p> | <p>6 REMOVE ABANDONED CONC. CHIMNEY STACK. SAW-CUT BELOW DECK. INFILL DECK PER DETAIL BO5.1. COORDINATE WITH OWNER.</p> <p>7 HOSE BIB/PIPE PENETRATION TO REMAIN. REMOVE PITCH PAN AND FLASH PER DETAIL BO5.2 SIM.</p> <p>8 REMOVE ABANDONED THRU WALL/DECK CONDUIT PIPING TO CREATE SMOOTH FLASHING SURFACE AT WALL/DECK.</p> <p>9 DISCONNECT AND RAISE SMALL ELECTRICAL RECEPTACLES AT WALL A MINIMUM 2'-0" ABOVE FINISHED ROOF SURFACE.</p> <p>10 RAISE AND INSTALL EXISTING ELECTRICAL CONDUIT ON NEW SUPPORT STANDS AT 4'-0" O.C. - SEE DETAIL BO4.2</p> <p>11 REMOVE ABANDONED CABLE CONDUIT FROM PRECAST PANEL JOINTS. COORDINATE WITH OWNER OR ARCHITECT'S REPRESENTATIVE.</p> | <p>12 REPLACE JOINT SEALANT AND BACKER ROD BETWEEN VERTICAL PRECAST PANEL JOINTS AND CORNERS AT PENTHOUSE ROOF WITH SPECIFIED POLYURETHANE SEALANT.</p> <p>13 NEW OVERFLOW SCUPPERS, LOCATE PER PLAN. SAW-CUT THRU CONCRETE WALL AS REQ'D. INSTALL NEW SCUPPER FABRICATION AND ESCUTCHEON PLATE AT EXTERIOR OPENING. FLASH PER DETAILS BO6.4</p> <p>14 REMOVE EXISTING WALL MOUNTED LADDER AND REPLACE WITH NEW. SEE DETAIL BO7.2</p> <p>15 APPLY TAPERED EDGE STRIP AT INSULATION TO CREATE A FLUSH TRANSITION ALONG RIDGE OF BOARDS.</p> |
|--|--|--|

SYMBOLS LEGEND

- | | | | |
|------|----------------------|--|----------------------------|
| 1.01 | DETAIL TAG | | POWER VENT |
| 1 | SPECIFIC NOTE TAG | | GOOSENECK |
| 1 A | ROOF AREA I.D. TAG | | EXIST. LADDER |
| • | VENT STACK | | ROOF ACCESS DOOR |
| | LIGHTNING PROTECTION | | CONDUIT W/ ROOFTOP SUPPORT |
| | PRIMARY ROOF DRAIN | | ABANDONED ROOF DRAIN |
| | OVERFLOW SCUPPER | | |

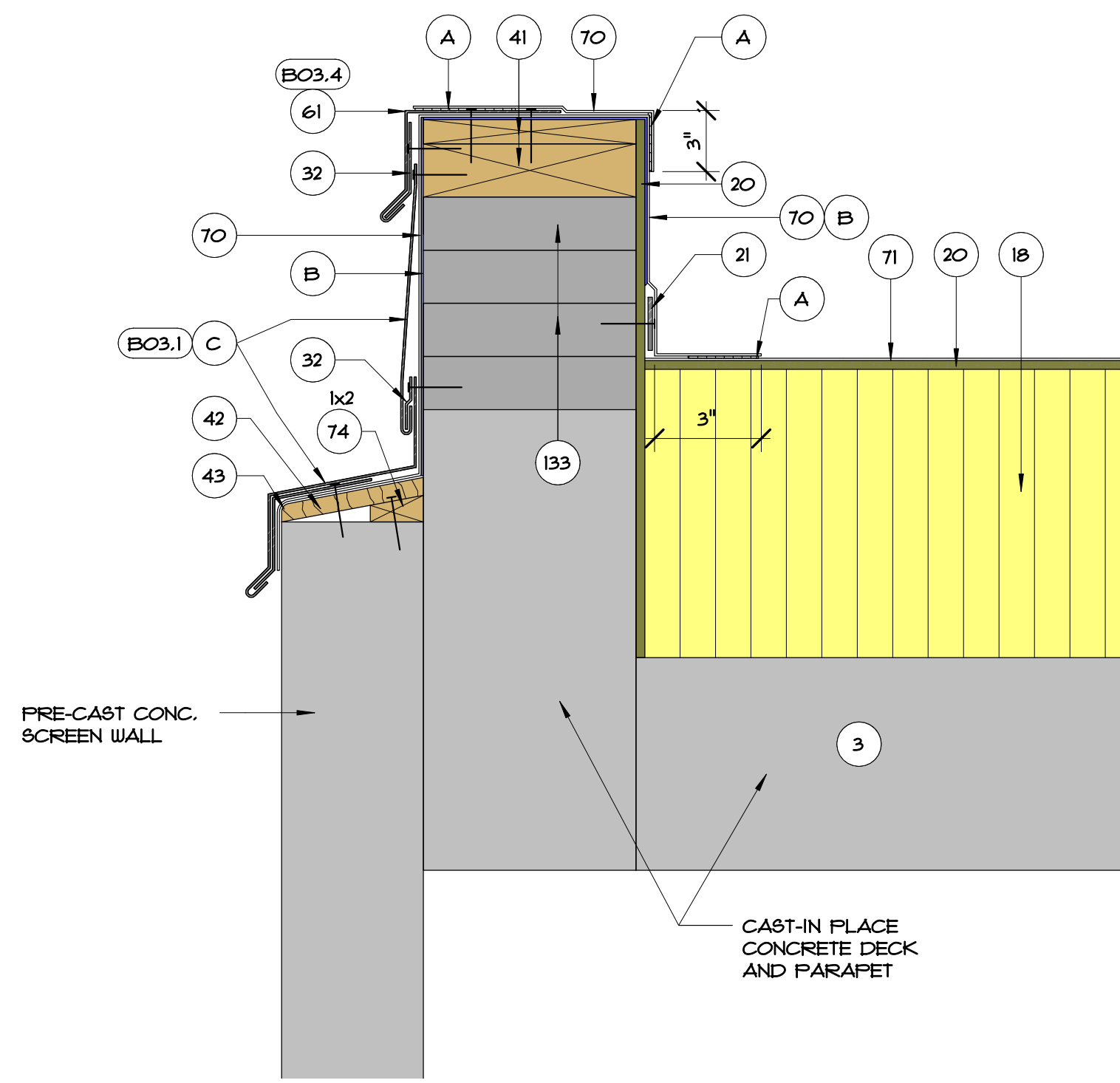
PLANS - OVERALL ROOF PLAN

Roof Replacement and Designated Repairs for the:

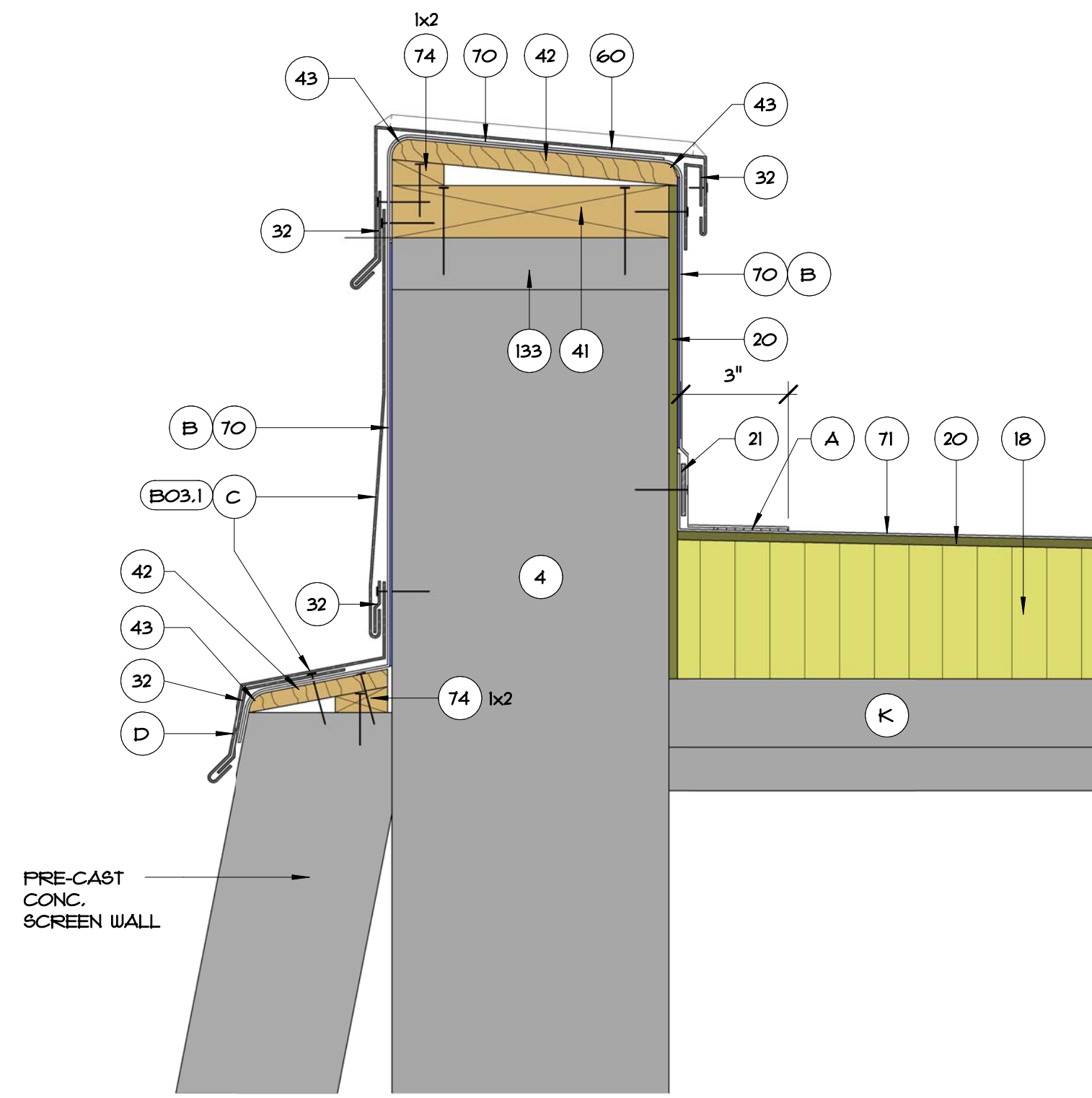
FULLER WARREN BUILDING
Florida Department of Economic Opportunity
215 Market Street, Jacksonville, Florida 32202

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DRAWN BY: TG
DESIGNED BY: TG
CHECKED BY: JW
DATE: 03/15/19

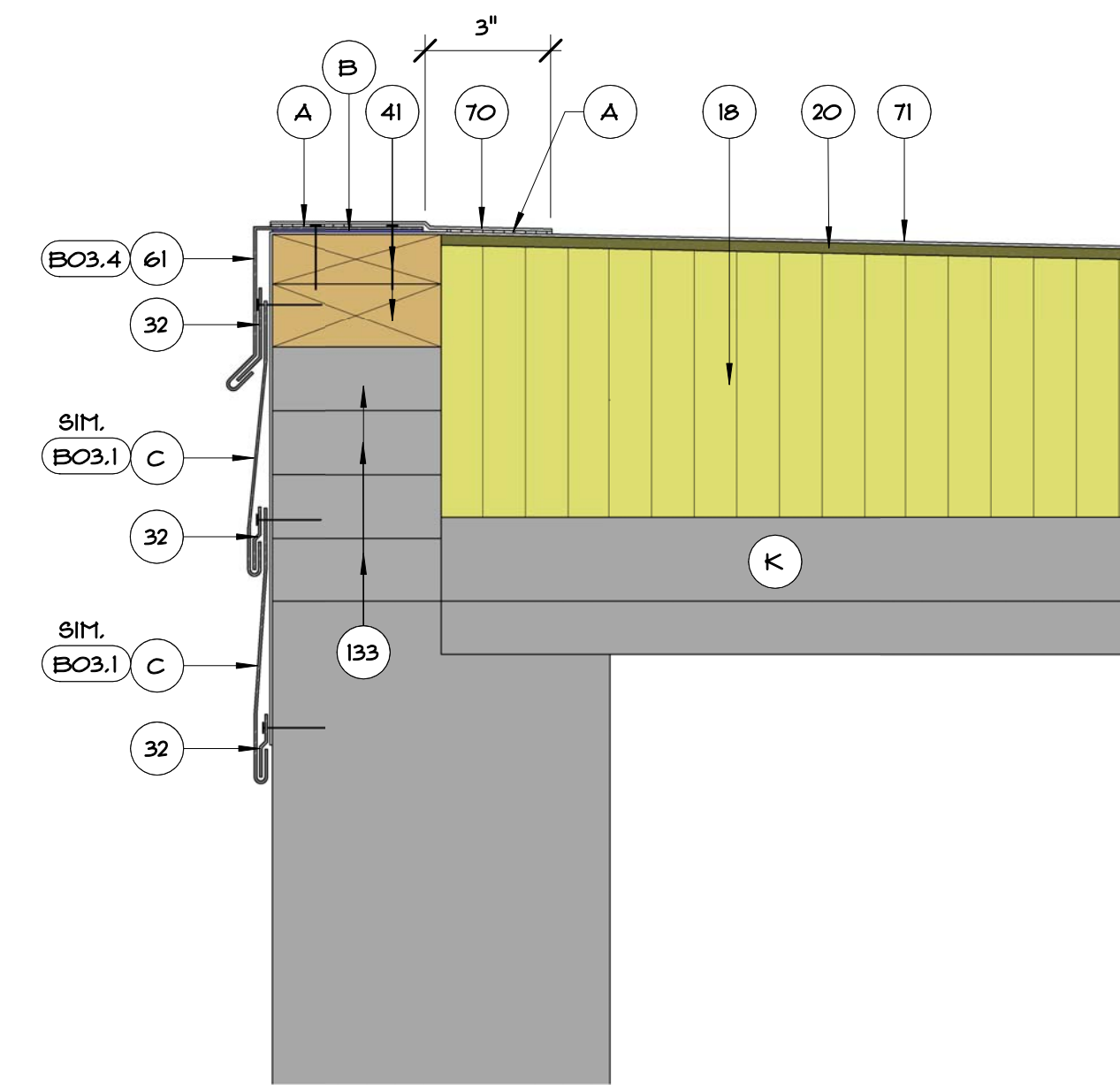
A02
SHEET NO.:
3 OF 10 SHEET(S)



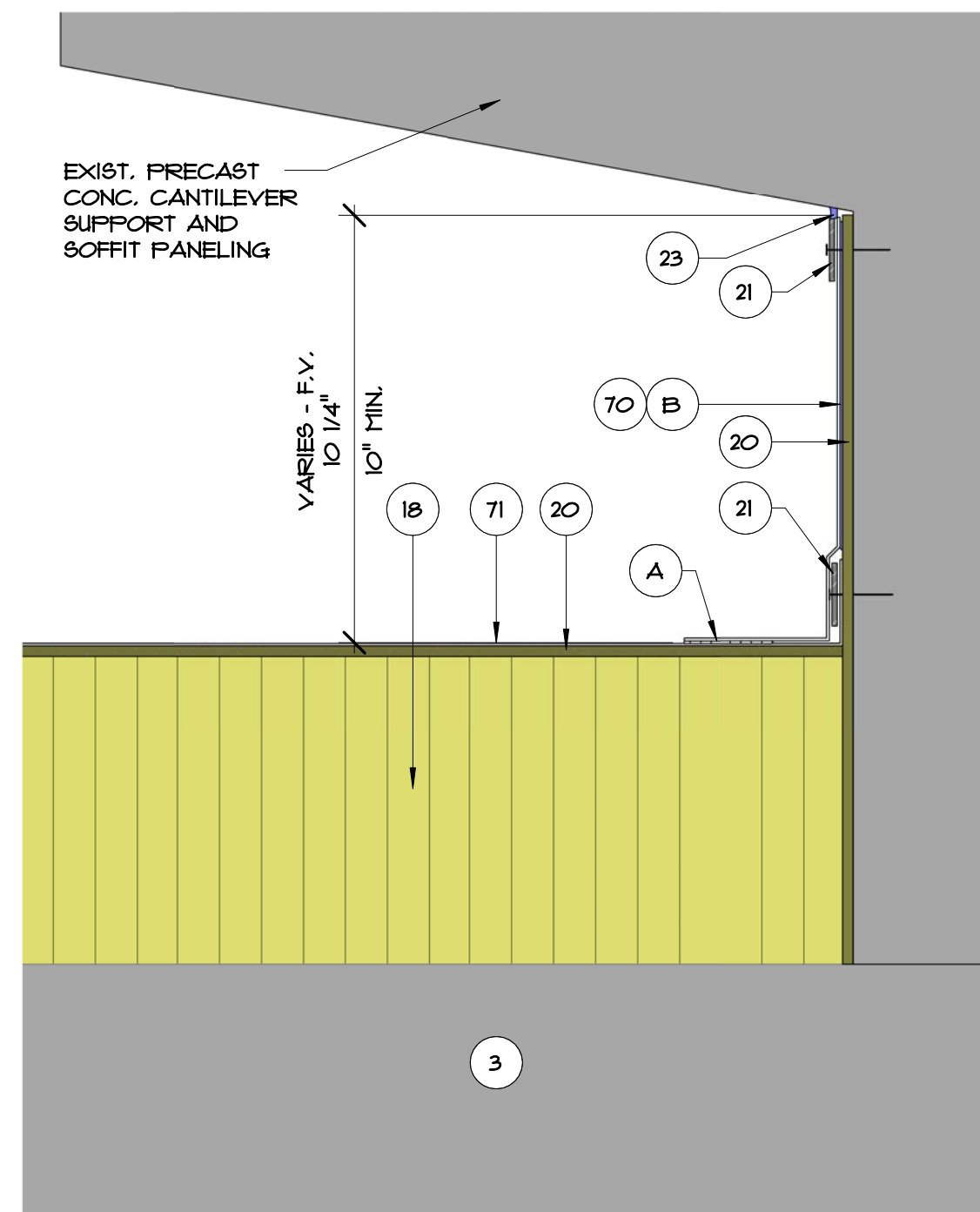
B02.1 TYPICAL PARAPET FLASHING AT ROOF AREA A
3" = 1'-0"



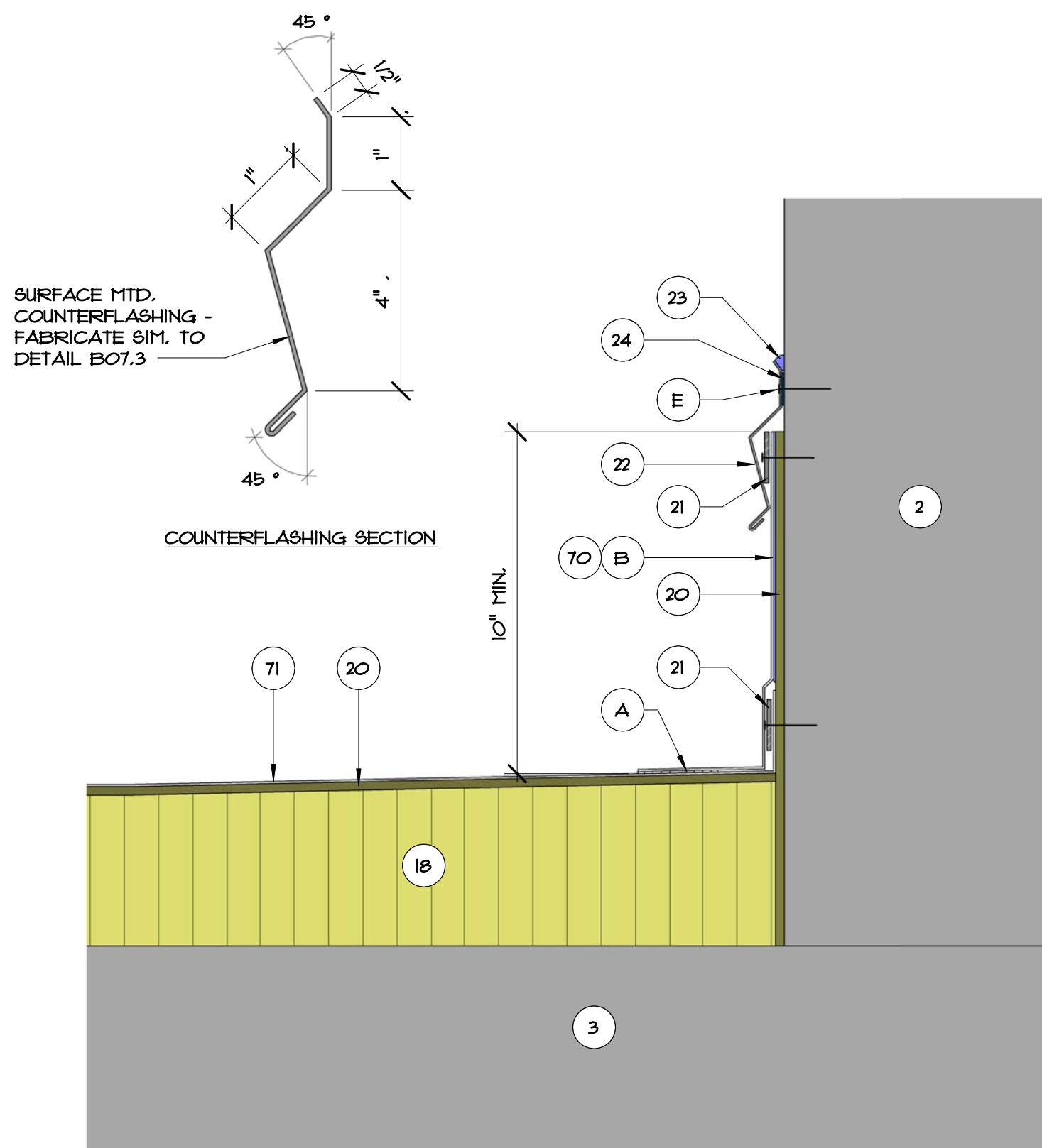
B02.2 TYPICAL PARAPET FLASHING AT ROOF AREA B
3" = 1'-0"



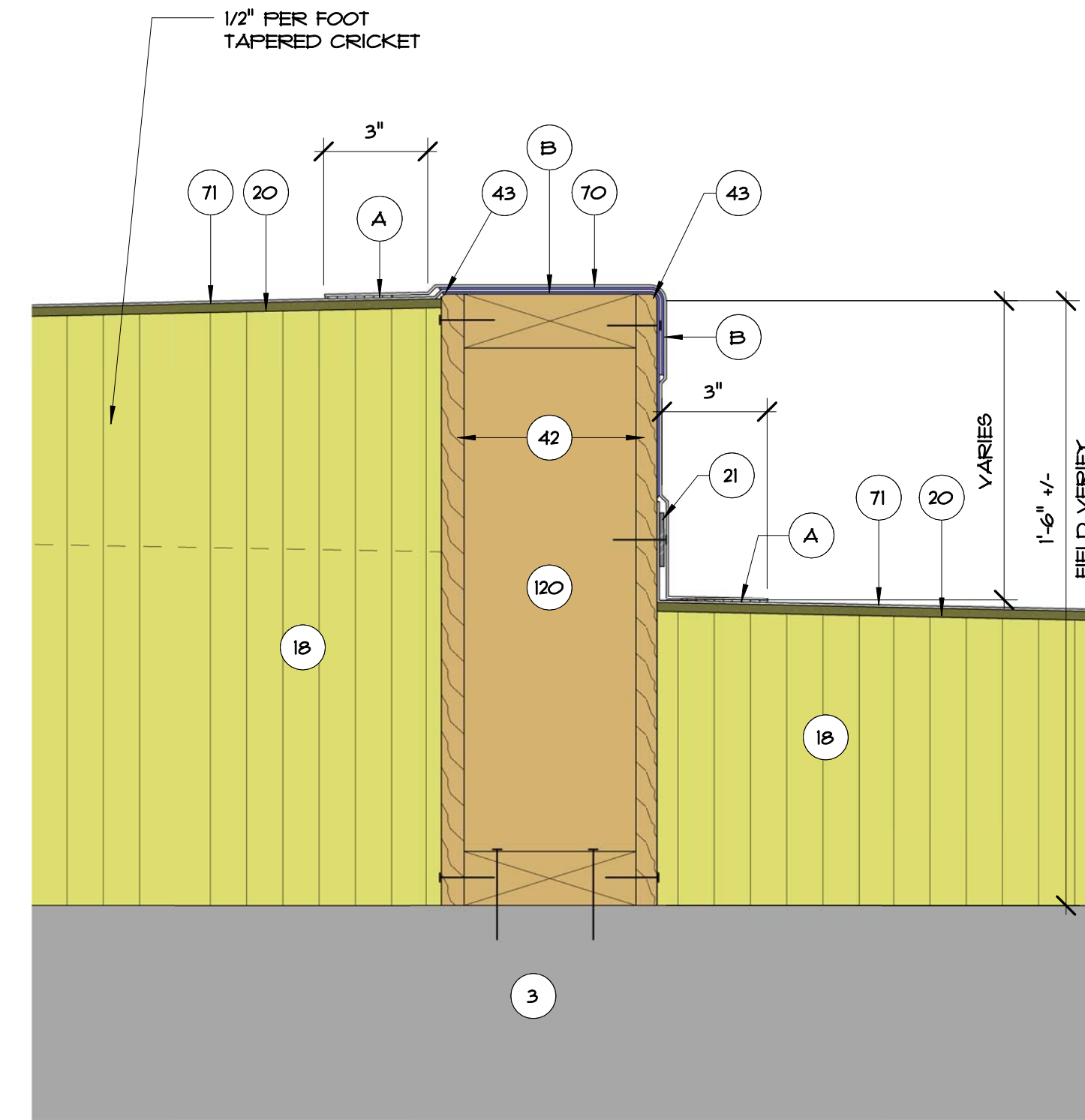
B02.3 EDGE FLASHING CONDITION AT ROOF AREA B
3" = 1'-0"



B02.4 TYPICAL BASE FLASHING AT ROOF AREA A
3" = 1'-0"



B02.5 BASE FLASHING AT ENCLOSURE WALL/COLUMN
3" = 1'-0"



B02.6 NEW AREA DIVIDER CURB FLASHING DETAIL
3" = 1'-0"

TYP. DETAIL NOTES:

2. EXISTING WALL
3. EXISTING STRUCTURAL CONCRETE DECK
4. EXIST. PARAPET
5. EXIST. CURB TO REMAIN
10. EXISTING CURB TO REMAIN
18. TAPERED RIGID INSULATION
20. 1/4" GYPSUM COVER BOARD
21. SURFACE APPLIED TERMINATION BAR - FASTEN MIN. @ 8" O.C.
22. SURFACE MOUNTED COUNTERFLASHING - SIM. TO DETAIL BO7.3
23. SEALANT
32. CONTINUOUS CLEAT
38. OVERFLOW SCUPPER - SEE REFERENCED DETAIL
40. EXISTING VENT STACK - ADD EXTENSION AS NEEDED TO ACHIEVE FLASHING HEIGHT
41. P.T. WOOD BLOCKING TO BE FASTENED AT 12" O.C. MAX. AND STAGGER - COUNTERSINK HEADS
42. 5/8" PLYWOOD - SCREW FASTEN @ 8" O.C. (MAX) TOP & BOTTOM & STAGGERED - COUNTERSINK HEADS
43. NEW ROOF DRAIN AND ACCESSORIES
44. EXISTING STRUCTURE
48. CREATE 3/4" FT. SLOPED GUMP W/ TAPERED RIGID INSULATION - 2'-0" FROM CENTER EACH WAY
60. PARAPET CAP - SEE DETAIL BO3.1
61. NEW EDGE METAL - SEE DETAIL BO3.4
70. FLEXIBLE SHEET FLASHING
71. FLEXIBLE SHEET MEMBRANE
74. 1X2 W/ 5/16" SCREW FASTEN AT 12" O.C. STAGGERED COUNTERSINK SCREWHEADS.
101. PRE-FABRICATED METAL CURB. FASTEN TO EXIST. DECK AS INDICATED PER SCHEDULE - SEE DETAIL BO7.1
102. EXIST. METAL WALL PANEL TO REMAIN
111. NEW 3" WIDE RETAINER CLEAT @ 18" O.C. MAX. W/ 2 FASTENERS MIN. - BEND UP IN FIELD TO SECURE COUNTERFLASHING
114. WRAP ROOF LEADER PIPE & PACK UNDER DRAIN W/ NON-COMBUSTIBLE INSULATION
120. NEW WOOD CURB FROM 2X4'S AT 16" O.C.
133. EXISTING WOOD BLOCKING TO REMAIN. REPLACE WHERE DAMAGED OR DETERIORATED
- A. HEAT WELD
- B. MANUFACTURER'S APPROVED ADHESIVE
- C. SKIRT & CAP METAL - 0.040" PRE-FINISHED ALUM.
- D. NEW 1/4" DIA. X 1 1/2" STAINLESS STEEL SCREWS NEOPRENE WASHERS @ 8" O.C. (MIN. 2 FASTENERS EACH SIDE).
- E. STAINLESS STEEL SCREWS WITH METAL BACKED NEOPRENE WASHERS
- G. TWO-PIECE COUNTERFLASHING & RECEIVER - SEE DETAIL BO7.3. SECURE RECEIVER BENEATH METAL PANEL
- H. NO-HUB CONNECTOR WITH ST. STL. DRAW BANDS - TIGHTEN AS NEEDED FOR SECURE ATTACHMENT
- I. UNDER-DECK CLAMPING RING
- J. FASTENER WITH STRESS PLATES
- K. EXISTING LT. WT. INSULATING CONC. OVER METAL DECK
- L. PREFORMED STACK FLASHING
- M. ST. STL. DRAW BAND
- N. 2" WIDE 24 GA ST. STL. RAIN CAP - FRICTION FIT AND "POF" RIVET IN PLACE
- O. "HFR" STANDARD ADJUSTIBLE HEIGHT COLLAR - ANCHOR TO DECK W/ FOUR (4) 1/4" DIA. X 2 1/4" SCREWS
- P. NEW 2"x3"x1/8" SUPPORT ANGLE BETWEEN JOISTS EACH SIDE OF DRAIN OR CURB
- Q. NEW STRAINER CAP AND CLAMPING RING
- R. SAW-CUT OPENING THRU PARAPET WALL - CREATE OPENING FOR A NEW 4" X 12" OVERFLOW SCUPPER



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CORPORATE 4/3/2019 ARC ASSOCIATES, INC.
4/8/20

JAMES W. RIPLEY AR-0012758
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REVISIONS		
NO.	DATE	BY:

DETAILS - EDGE AND BASE FLASHING

Roof Replacement and Designated Repairs for the:

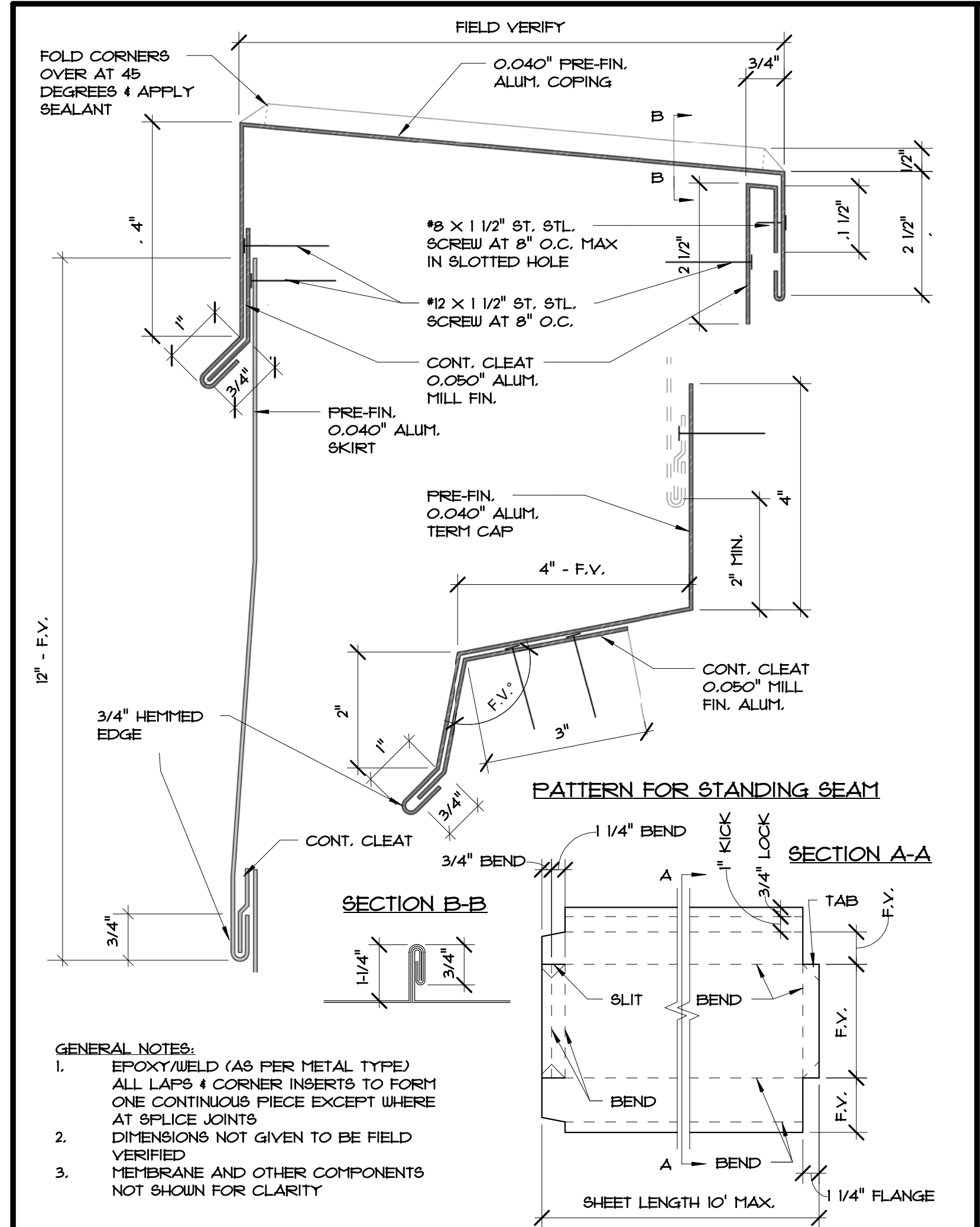
FULLER WARREN BUILDING

Florida Department of Economic Opportunity
215 Market Street, Jacksonville, Florida 32202

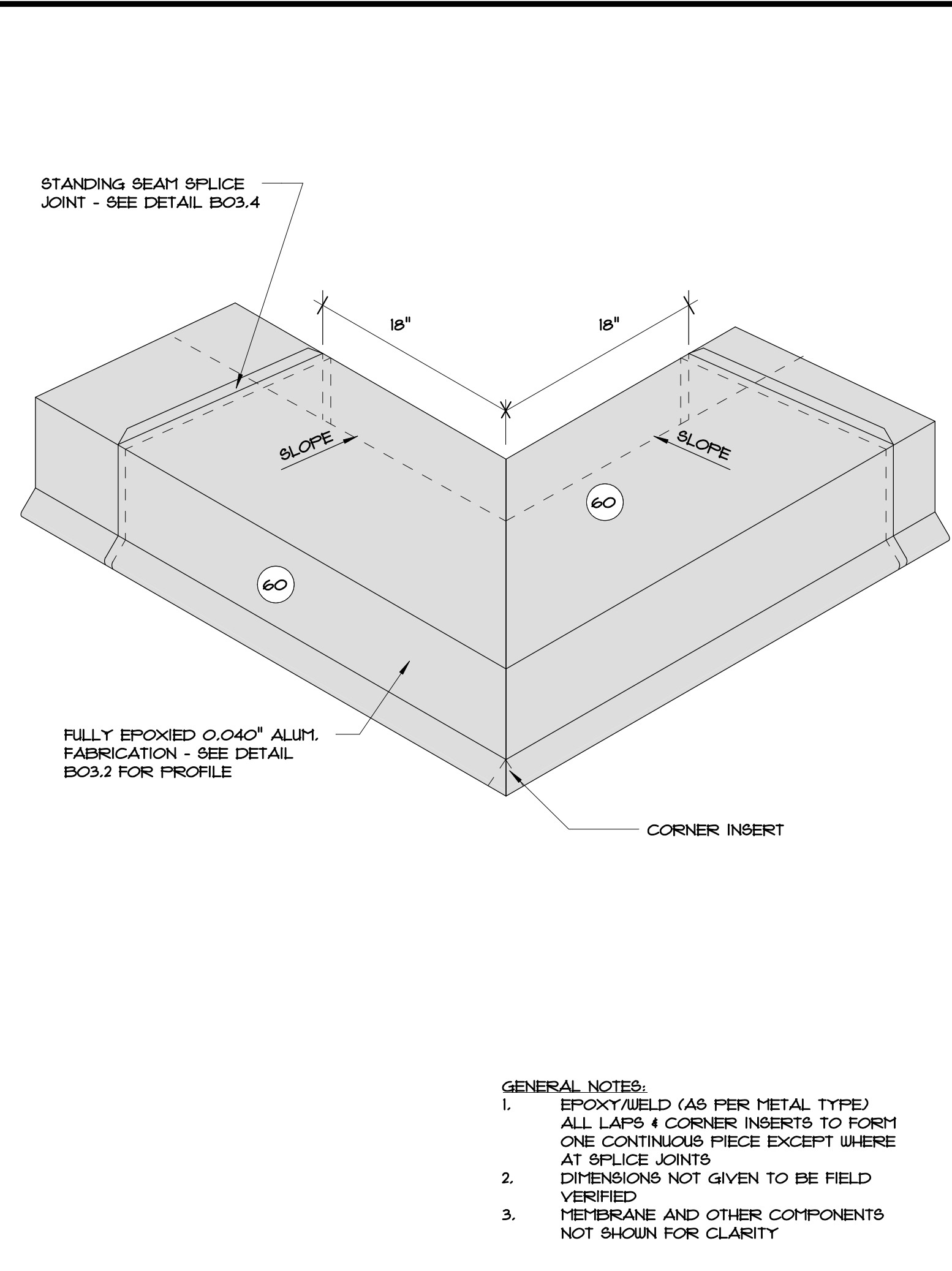
JOB NO.: 18052.00
DRAWN BY: Author
DESIGNED BY: Designer
CHECKED BY: Checker
DATE: 03/15/19

B02

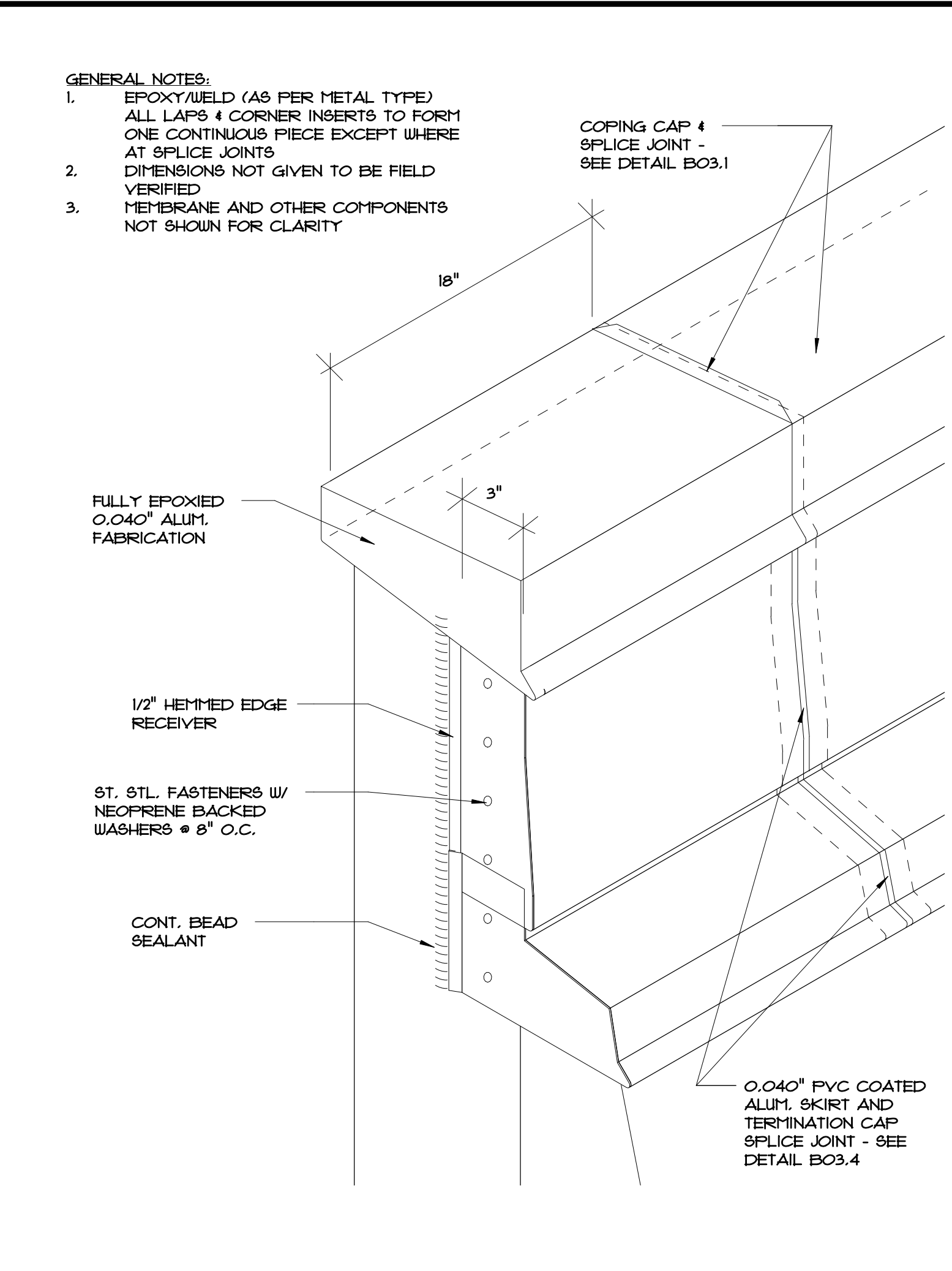
SHEET NO.:
5 of 10 SHEET(S)



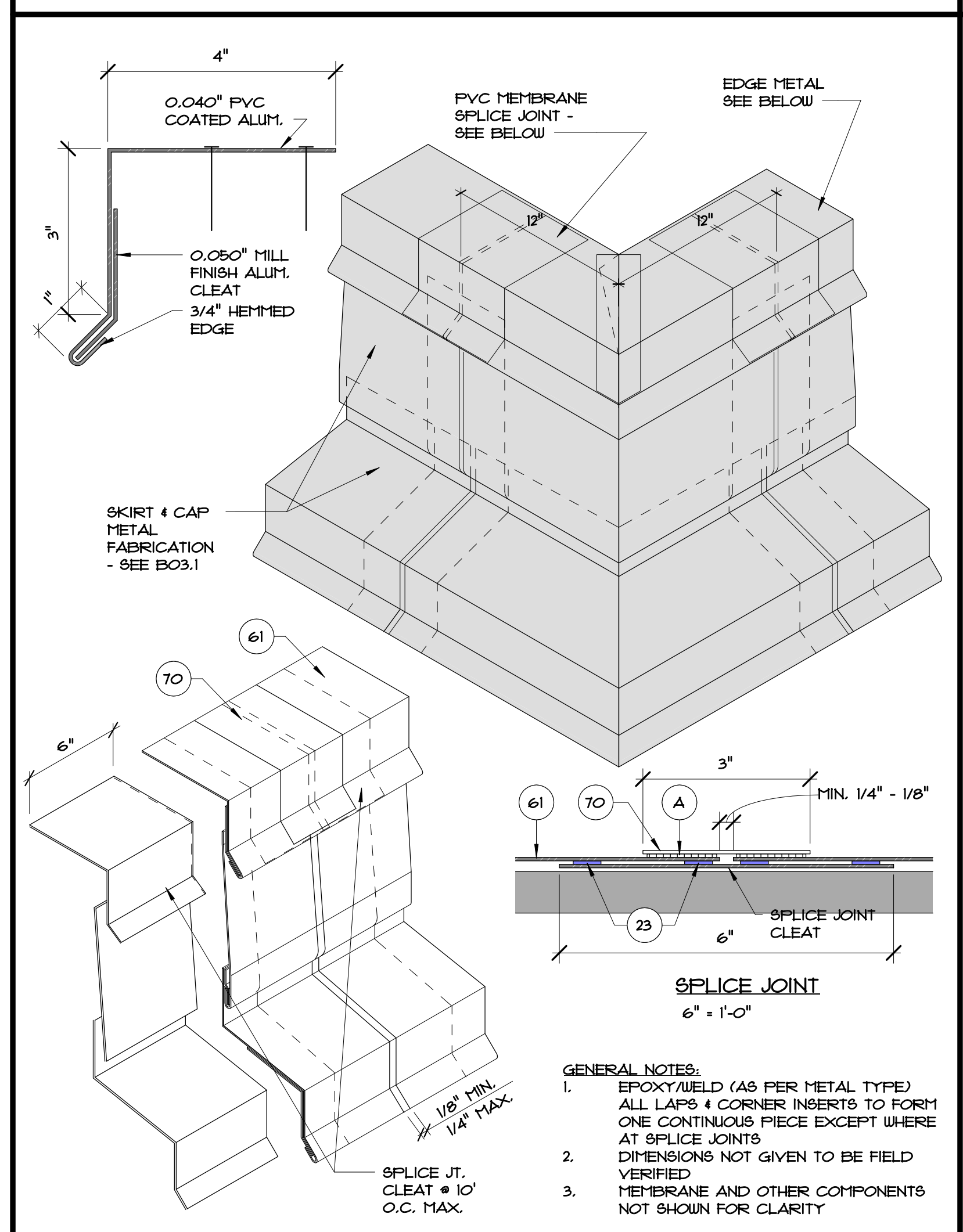
B03.1 TYPICAL COPING & SKIRT METAL FABRICATIONS
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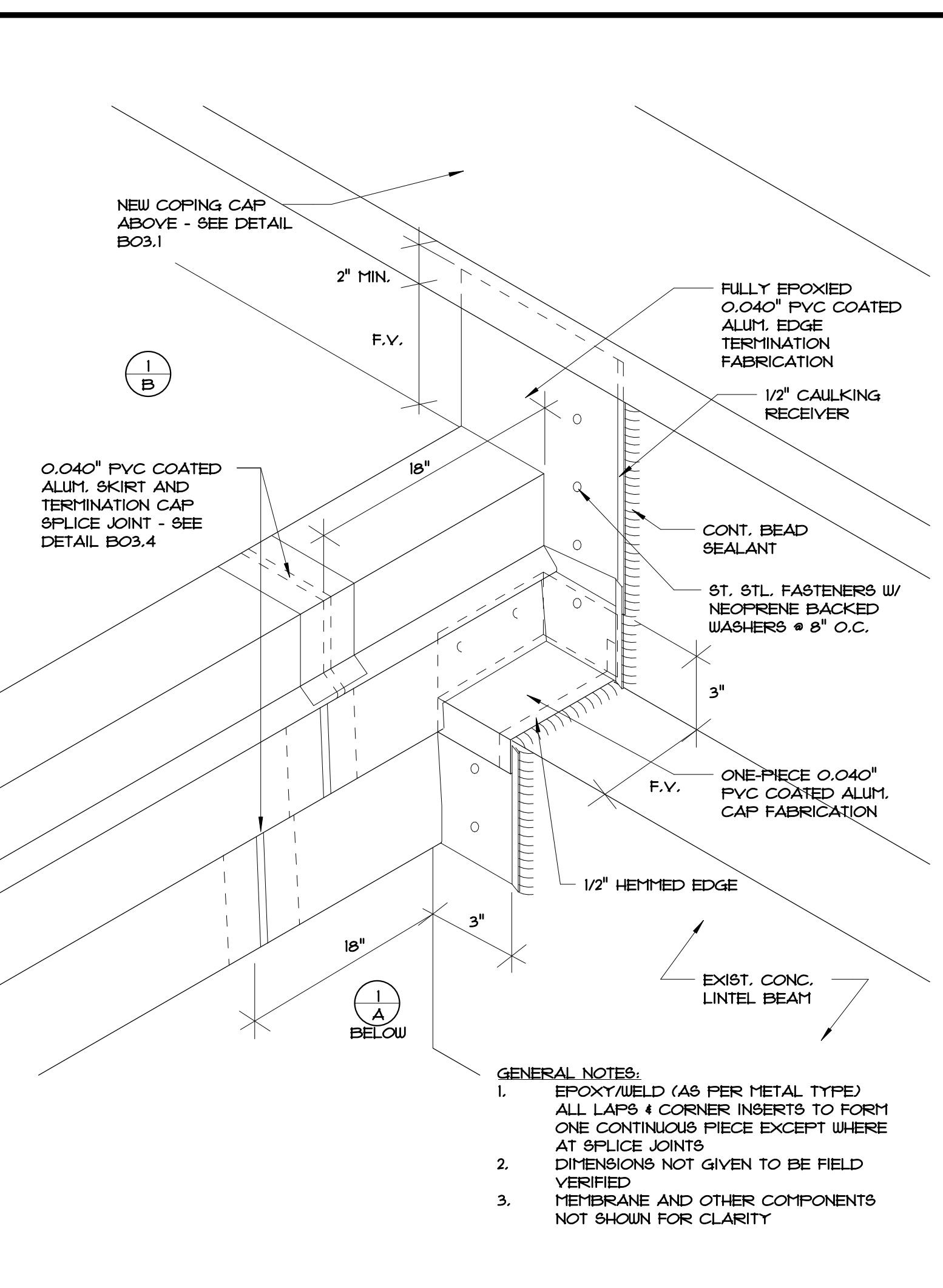
B03.2 TYPICAL OUTSIDE CORNER COPING FABRICATION



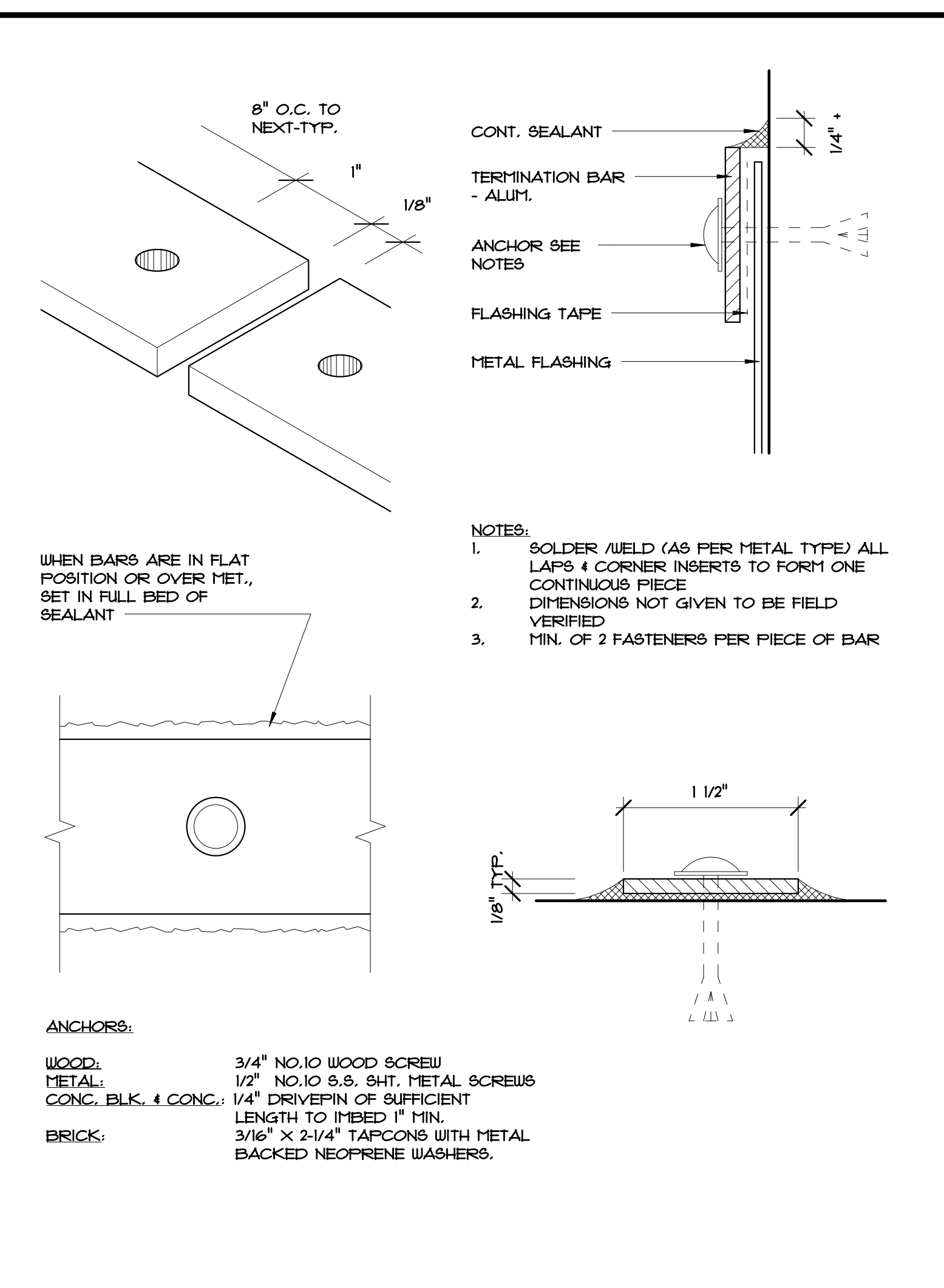
B03.3 COPING CAP TERMINATION FABRICATION DETAIL



B03.4 OUTSIDE CORNER, EDGE METAL FABRICATION & SPLICE JT. DETAIL



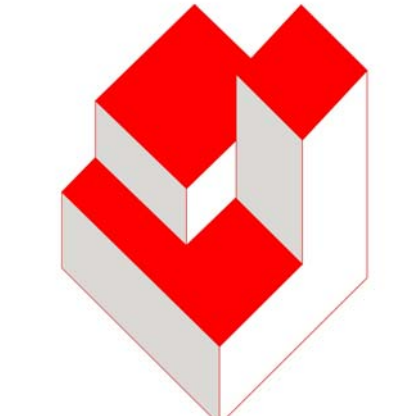
B03.5 EDGE METAL TERMINATION AND FABRICATION AT WALL



B03.6 TYPICAL TERMINATION BAR

TYP. DETAIL NOTES:

2. EXISTING WALL
3. EXISTING STRUCTURAL CONCRETE DECK
4. EXIST. PARAPET
5. EXIST. CURB TO REMAIN
10. EXISTING CURB TO REMAIN
18. TAPERED RIGID INSULATION
20. 1/4\"/>
- 21. SURFACE APPLIED TERMINATION BAR - FASTEN MIN. @ 8\"/>
- 22. SURFACE MOUNTED COUNTERFLASHING - SIM. TO DETAIL B07.3
- 23. SEALANT
- 32. CONTINUOUS CLEAT
- 38. OVERFLOW SCUPPER - SEE REFERENCED DETAIL
- 40. EXISTING VENT STACK - ADD EXTENSION AS NEEDED TO ACHIEVE FLASHING HEIGHT
- 41. P.T. WOOD BLOCKING TO BE FASTENED AT 12\"/>
- 42. 5/8\"/>
- 43. STAGGERED - COUNTERSINK HEADS
- 44. NEW ROOF DRAIN AND ACCESSORIES
- 45. EXISTING STRUCTURE
- 48. CREATE 3/4\"/>
- 60. PARAPET CAP - SEE DETAIL B03.1
- 61. NEW EDGE METAL - SEE DETAIL B03.4
- 70. FLEXIBLE SHEET FLASHING
- 71. FLEXIBLE SHEET MEMBRANE
- 74. 1X2 W.D. SHIM SCREW FASTEN AT 12\"/>
- 101. PRE-FABRICATED METAL CURB. FASTEN TO EXIST. DECK AS INDICATED PER SCHEDULE - SEE DETAIL B07.1
- 102. EXIST. METAL WALL PANEL TO REMAIN
- 111. NEW 3\"/>
- 114. WRAP ROOF LEADER PIPE & PACK UNDER DRAIN W/ NON-COMBUSTIBLE INSULATION
- 120. NEW WOOD CURB FROM 2x4'S AT 16\"/>
- 133. EXISTING WOOD BLOCKING TO REMAIN. REPLACE WHERE DAMAGED OR DETERIORATED
- A. HEAT WELD
- B. MANUFACTURER'S APPROVED ADHESIVE
- C. SKIRT & CAP METAL - 0.040\"/>
- D. NEW 1/4\"/>
- E. STAINLESS STEEL SCREWS WITH METAL BACKED NEOPRENE WASHERS
- G. TWO-PIECE COUNTERFLASHING & RECEIVER - SEE DETAIL B07.3 - SECURE RECEIVER BENEATH METAL PANEL
- H. NO-HUB CONNECTOR WITH ST. STL. DRAW BANDS - TIGHTEN AS NEEDED FOR SECURE ATTACHMENT
- I. UNDER-DECK CLAMPING RING
- J. FASTENER WITH STRESS PLATES
- K. EXISTING LT. WT. INSULATING CONC. OVER METAL DECK
- L. PREFORMED STACK FLASHING
- M. ST. STL. DRAW BAND
- N. 2\"/>
- O. 1\"/>
- P. NEW 2\"/>
- Q. NEW STRAINER CAP AND CLAMPING RING
- R. SAU-CUT OPENING THRU PARAPET WALL - CREATE OPENING FOR A NEW 4\"/>



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REVISIONS

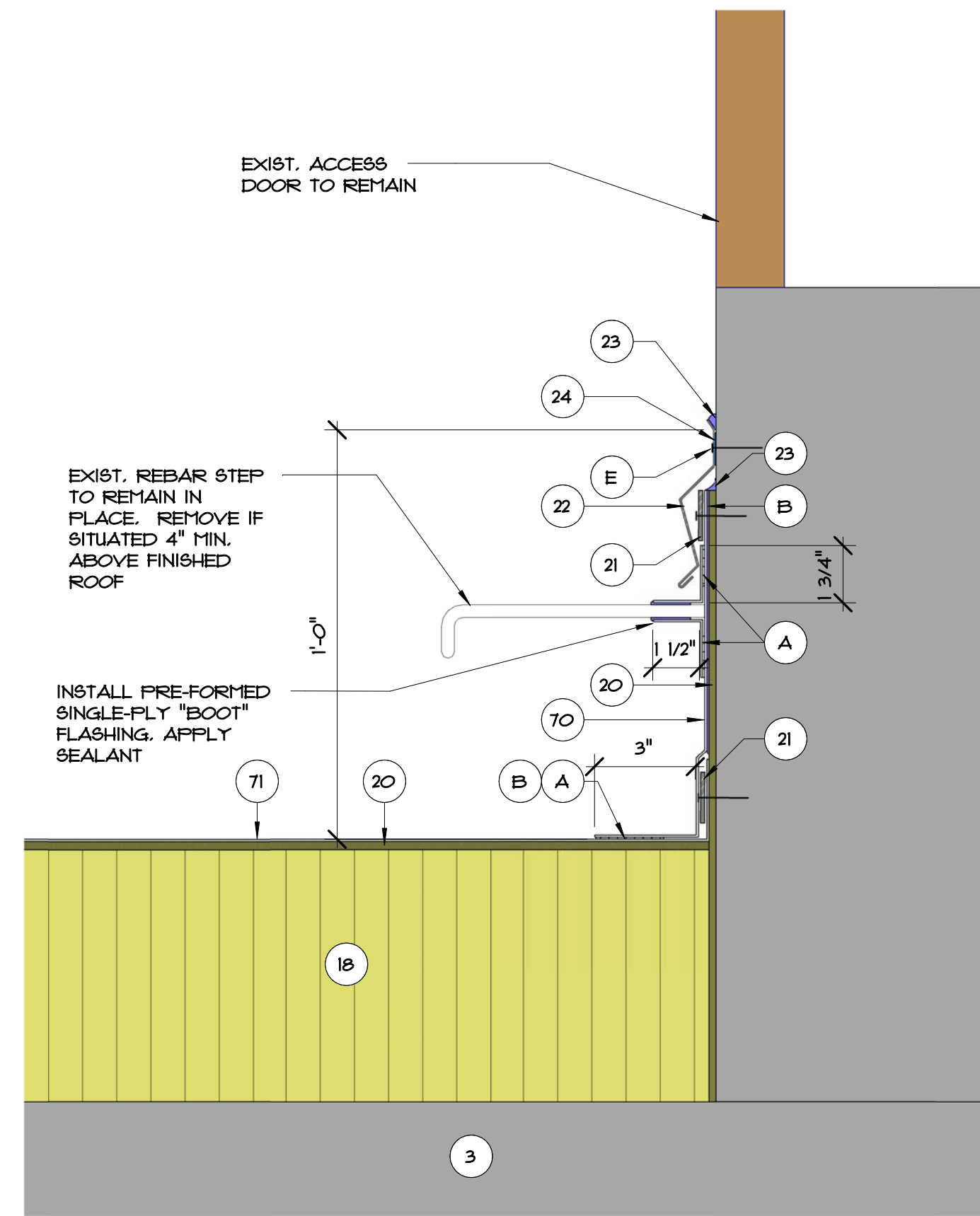
NO.	DATE	BY:

DETAILS - FLASHING TRANSITIONS AND FABRICATION

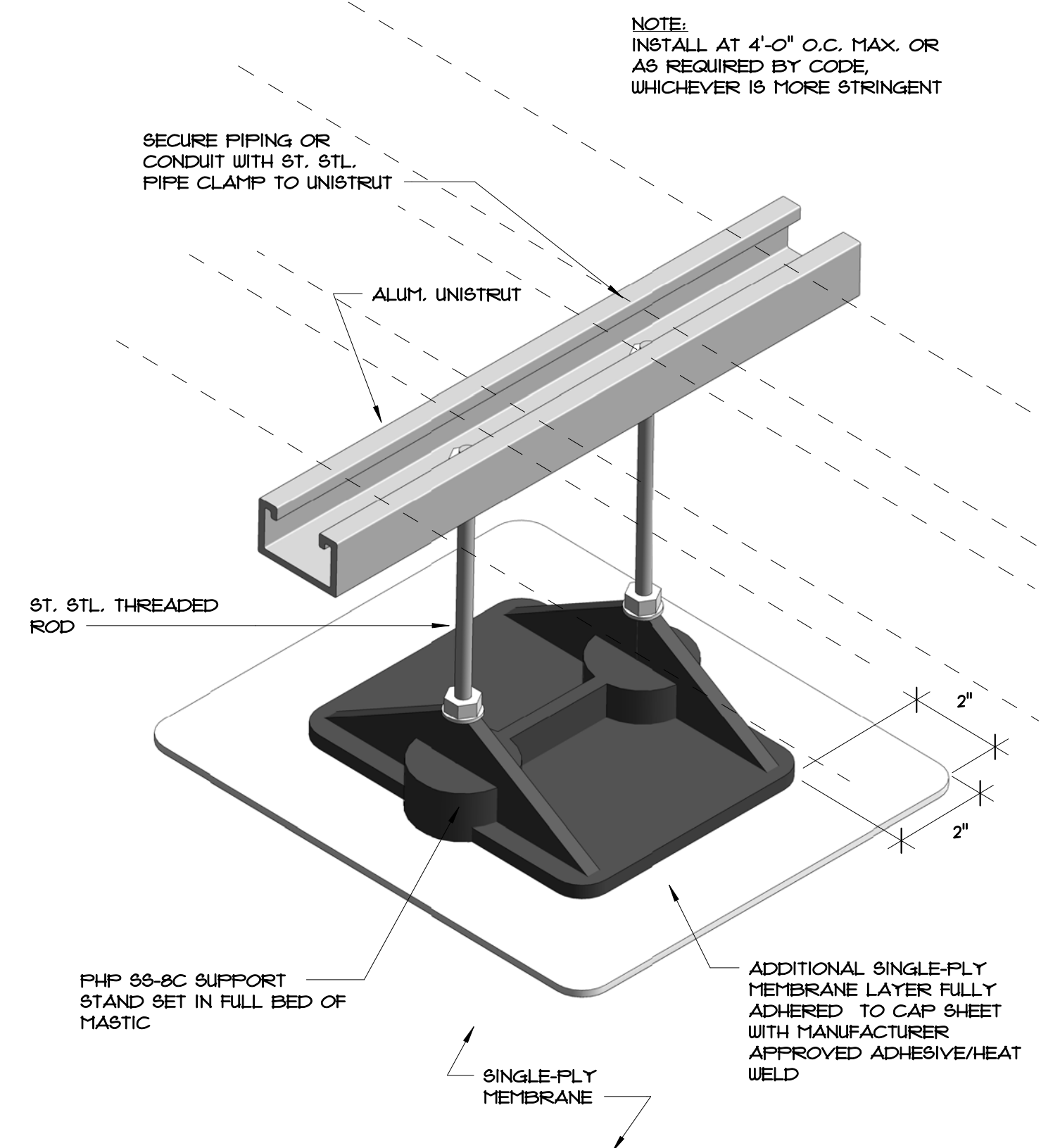
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 215 Market Street, Jacksonville, Florida 32202

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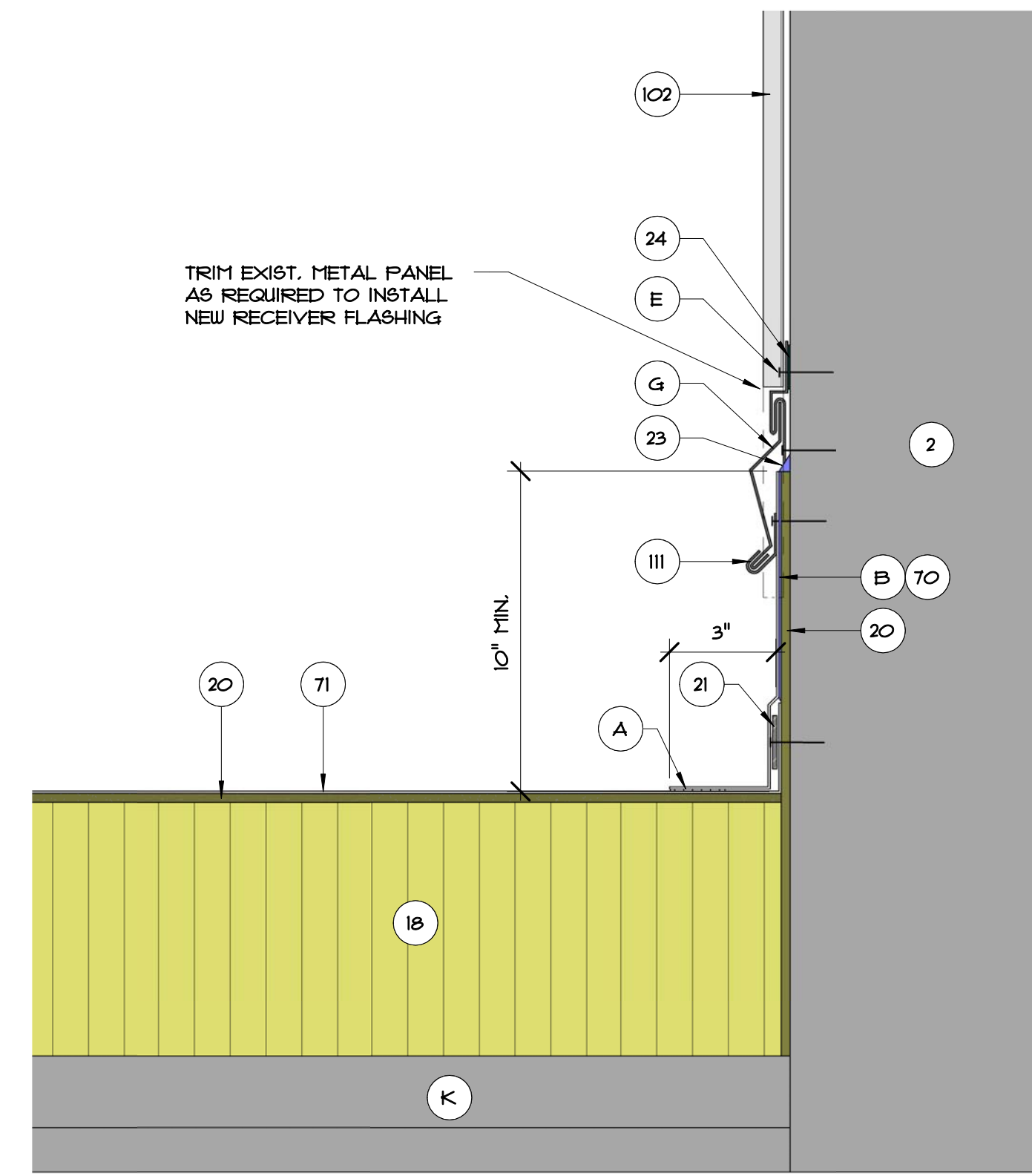
B03
 SHEET NO.:
 OF SHEET(S)



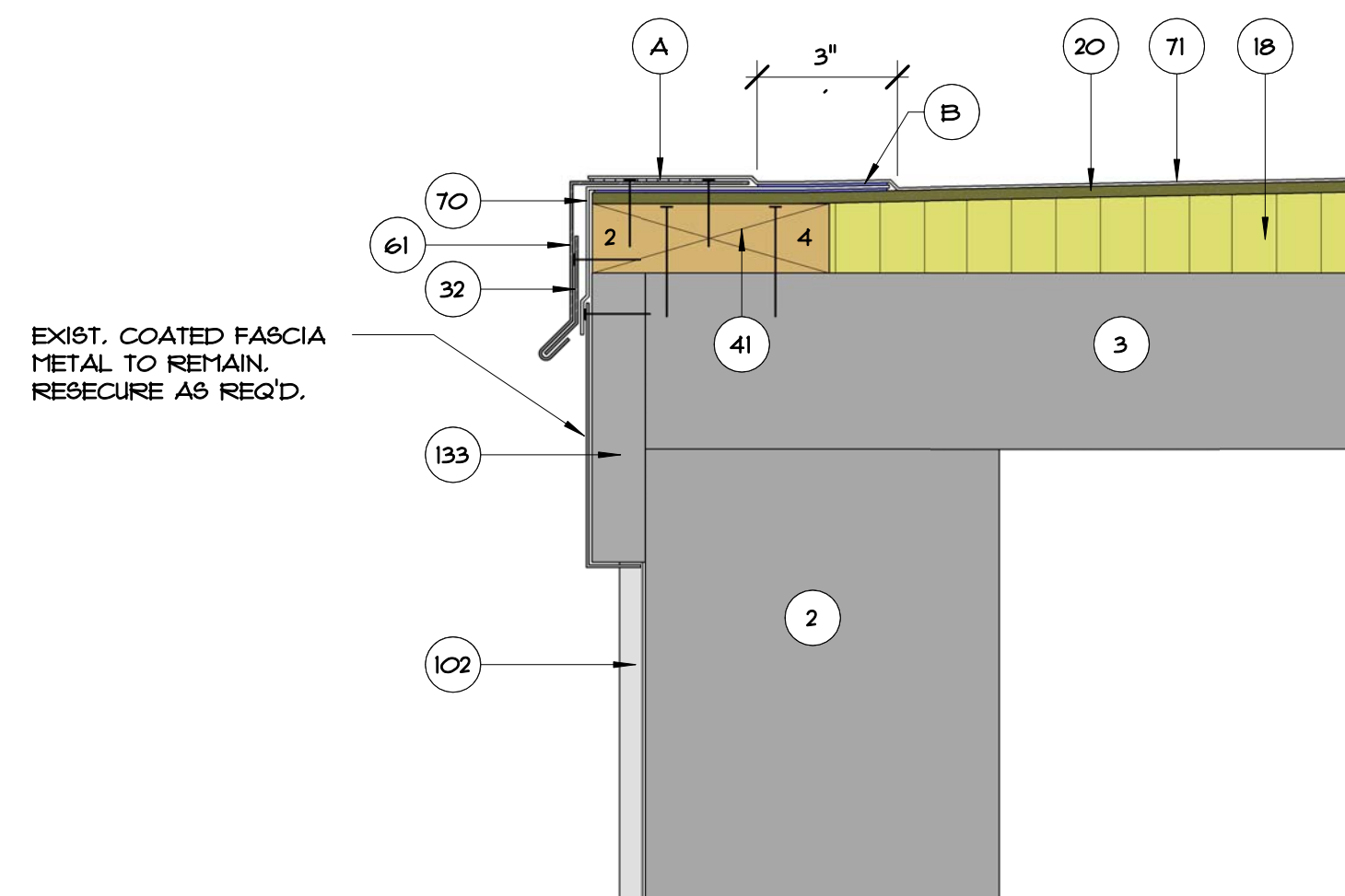
B04 .1 TYPICAL SILL FLASHING AT OPENING DETAIL
3" = 1'-0"



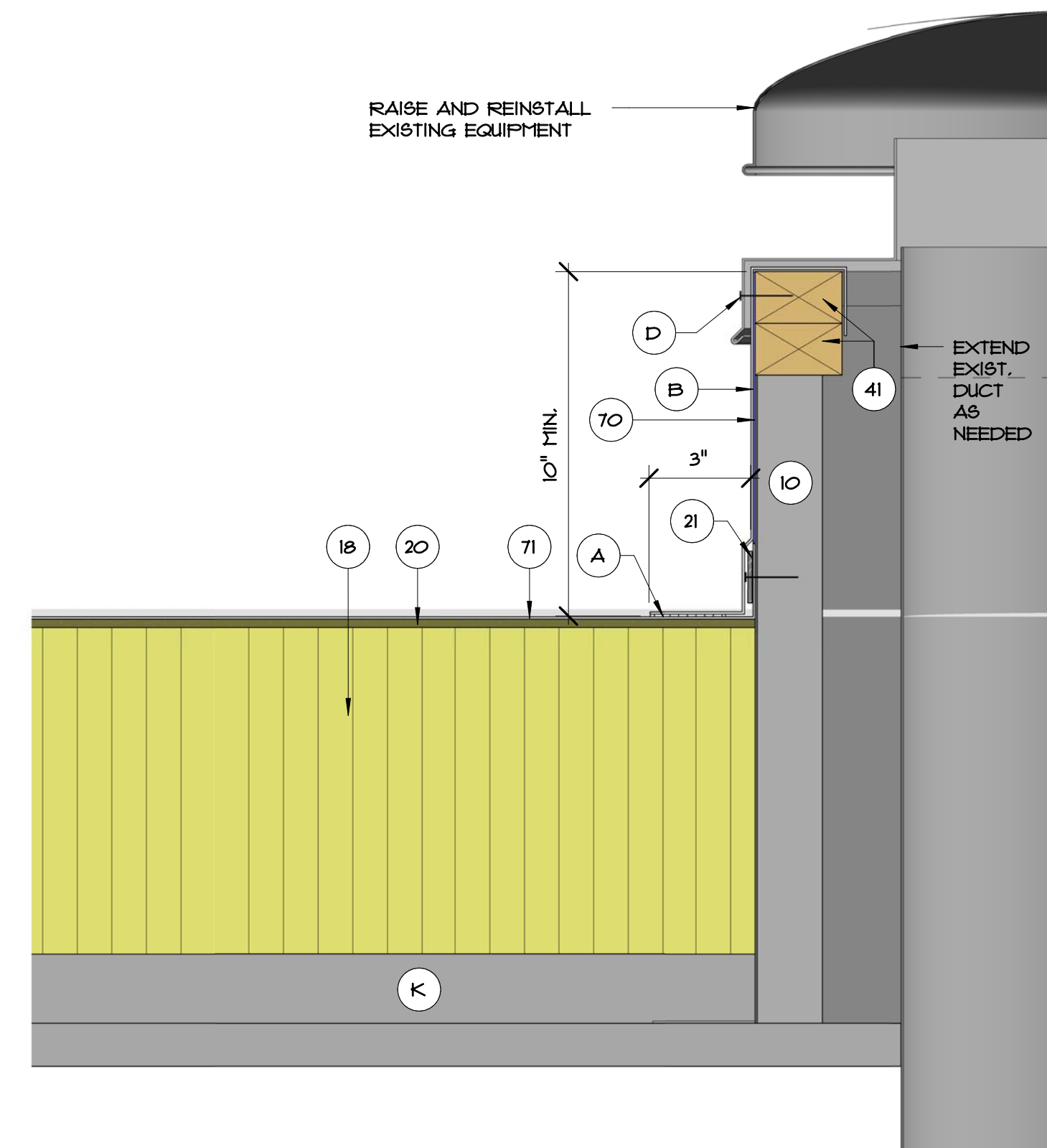
B04 .2 TYPICAL CONDUIT SUPPORT STAND DETAIL



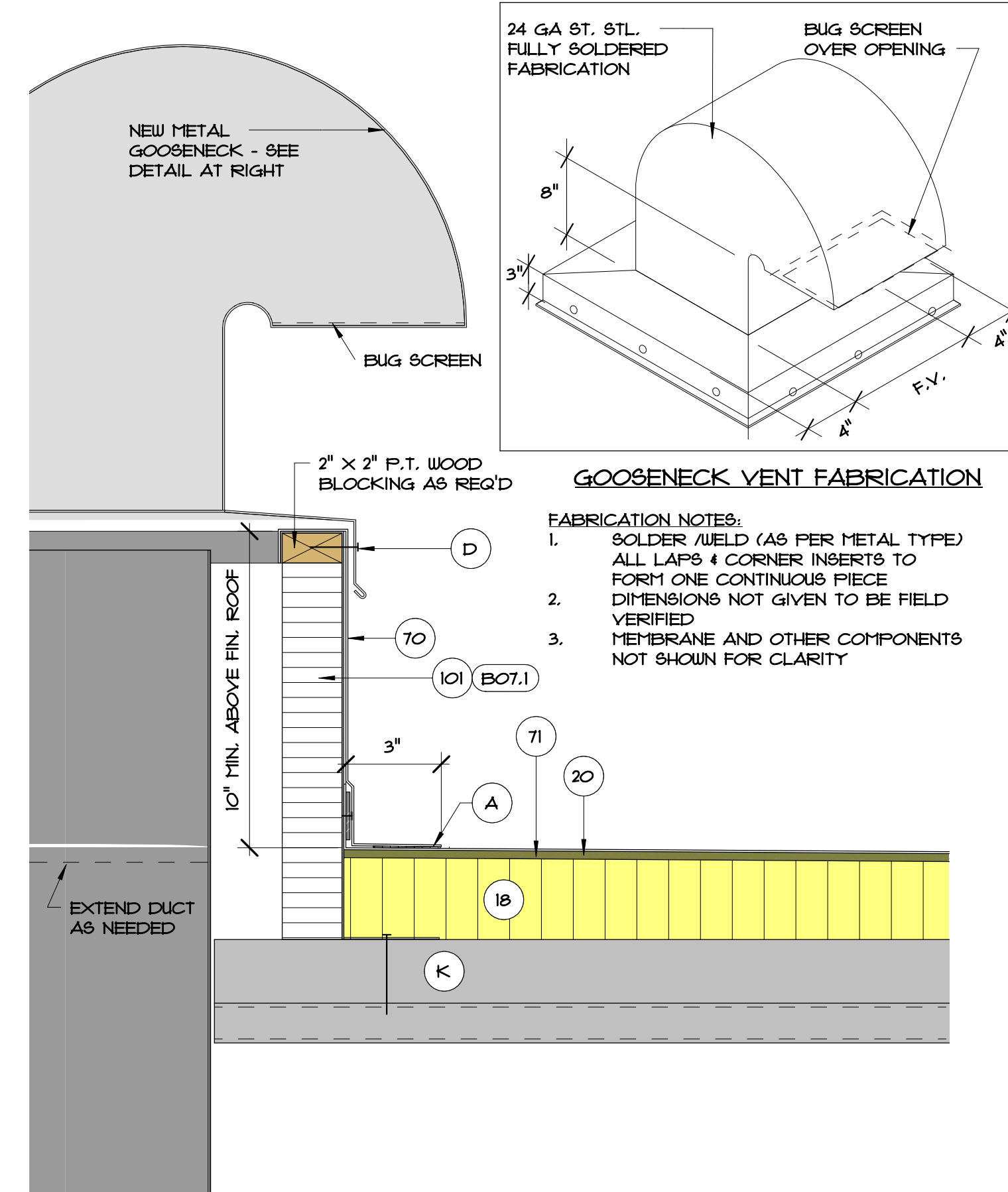
B04 .3 ELEVATOR PENTHOUSE BASE FLASHING DETAIL
3" = 1'-0"



B04 .4 ELEVATOR PENTHOUSE EDGE FLASHING DETAIL
3" = 1'-0"



B04 .5 SMALL MECHANICAL/GRAVITY VENT CURB FLASHING DETAIL
3" = 1'-0"



B04 .6 NEW GOOSENECK CURB AND VENT FLASHING DETAIL
3" = 1'-0"

TYP. DETAIL NOTES:

2. EXISTING WALL
3. EXISTING STRUCTURAL CONCRETE DECK
4. EXIST. PARAPET
5. EXIST. CURB TO REMAIN
10. EXISTING CURB TO REMAIN
18. TAPERED RIGID INSULATION
20. 1/4" GYPSUM COVER BOARD
21. SURFACE APPLIED TERMINATION BAR - FASTEN MIN. @ 8" O.C.
22. SURFACE MOUNTED COUNTERFLASHING - SIM. TO DETAIL B07.3
23. SEALANT
32. CONTINUOUS CLEAT
38. OVERFLOW SCUPPER - SEE REFERENCED DETAIL
40. EXISTING VENT STACK - ADD EXTENSION AS NEEDED TO ACHIEVE FLASHING HEIGHT
41. P.T. WOOD BLOCKING TO BE FASTENED AT 12" O.C. MAX. AND STAGGER - COUNTERSINK HEADS
42. 5/8" PLYWOOD - SCREW FASTEN @ 8" O.C. (MAX) TOP & BOTTOM & STAGGERED - COUNTERSINK HEADS
43. ROUND OFF THIS EDGE
44. NEW ROOF DRAIN AND ACCESSORIES
45. EXISTING STRUCTURE
48. CREATE 3/4" FT. SLOPED GUMP W/ TAPERED RIGID INSULATION - 2'-0" FROM CENTER EACH WAY
60. PARAPET CAP - SEE DETAIL B03.1
61. NEW EDGE METAL - SEE DETAIL B03.4
70. FLEXIBLE SHEET FLASHING
71. FLEXIBLE SHEET MEMBRANE
74. 1X2 W.D. 5/16" SCREW FASTEN AT 12" O.C. STAGGERED COUNTERSINK SCREWHEADS.
101. PRE-FABRICATED METAL CURB. FASTEN TO EXIST. DECK AS INDICATED PER SCHEDULE - SEE DETAIL B07.1
102. EXIST. METAL WALL PANEL TO REMAIN
- III. NEW 3" WIDE RETAINER CLEAT @ 18" O.C. MAX. W/ 2 FASTENERS MIN. - BEND UP IN FIELD TO SECURE COUNTERFLASHING
114. WRAP ROOF LEADER PIPE & PACK UNDER DRAIN W/ NON-COMBUSTIBLE INSULATION
120. NEW WOOD CURB FROM 2x4'S AT 16" O.C.
133. EXISTING WOOD BLOCKING TO REMAIN. REPLACE WHERE DAMAGED OR DETERIORATED
- A. HEAT WELD
- B. MANUFACTURER'S APPROVED ADHESIVE
- C. SKIRT & CAP METAL - 0.040" PRE-FINISHED ALUM.
- D. NEW 1/4" DIA. X 1 1/2" STAINLESS STEEL SCREWS NEOPRENE WASHERS AT 8" O.C. (MIN. 2 FASTENERS EACH SIDE).
- E. STAINLESS STEEL SCREWS WITH METAL BACKED NEOPRENE WASHERS
- G. TWO-PIECE COUNTERFLASHING & RECEIVER - SEE DETAIL B07.3 - SECURE RECEIVER BENEATH METAL PANEL
- H. NO-HUB CONNECTOR WITH ST. STL. DRAW BANDS - TIGHTEN AS NEEDED FOR SECURE ATTACHMENT
- I. UNDER-DECK CLAMPING RING
- J. FASTENER WITH STRESS PLATES
- K. EXISTING LT. WT. INSULATING CONC. OVER METAL DECK
- L. PREFORMED STACK FLASHING
- M. ST. STL. DRAW BAND
- N. 2" WIDE 24 GA ST. STL. RAIN CAP - FRICTION FIT AND "POP" RIVET IN PLACE
- O. "HUB" STANDARD ADJUSTABLE HEIGHT COLLAR - ANCHOR TO DECK W/ FOUR (4) 1/4" DIA. X 2 1/4" SCREWS
- P. NEW 2"x2"x3/16" SUPPORT ANGLE BETWEEN JOISTS EACH SIDE OF DRAIN OR CURB
- Q. NEW STRAINER CAP AND CLAMPING RING
- R. SAW-CUT OPENING THRU PARAPET WALL - CREATE OPENING FOR A NEW 4" X 12" OVERFLOW SCUPPER



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4-09-40
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JAMES W. RIPLEY AR-0012758
JOSEPH J. WILLIAMS AR-0007684

REVISIONS

NO.	DATE	BY:

DETAILS - BASE AND CURB FLASHING

Roof Replacement and Designated Repairs for the:

FULLER WARREN BUILDING

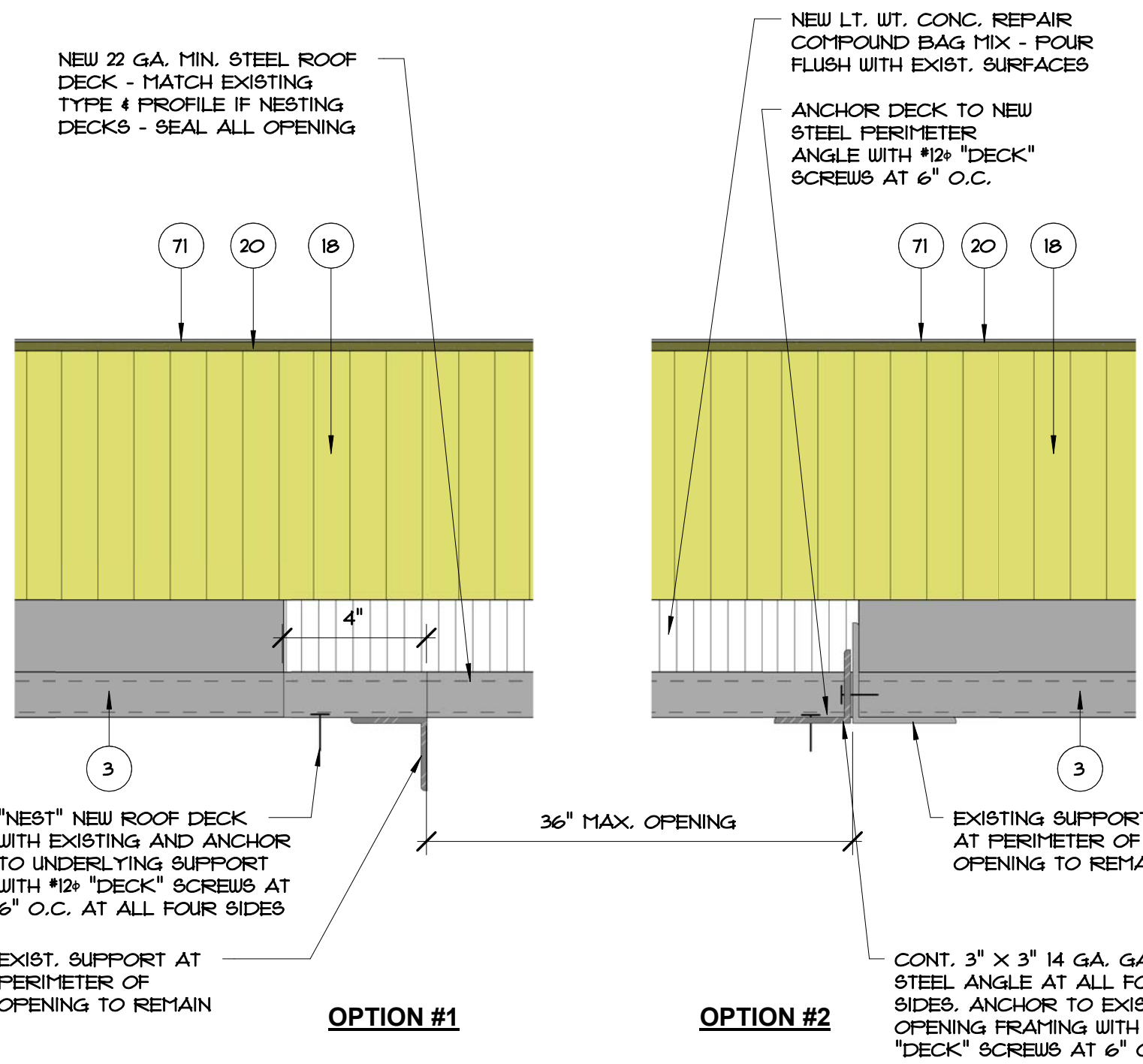
Florida Department of Economic Opportunity

215 Market Street, Jacksonville, Florida 32202

JOB NO.: 18052.00
DRAWN BY: TG
DESIGNED BY: TG
CHECKED BY: JW
DATE: 03/07/19

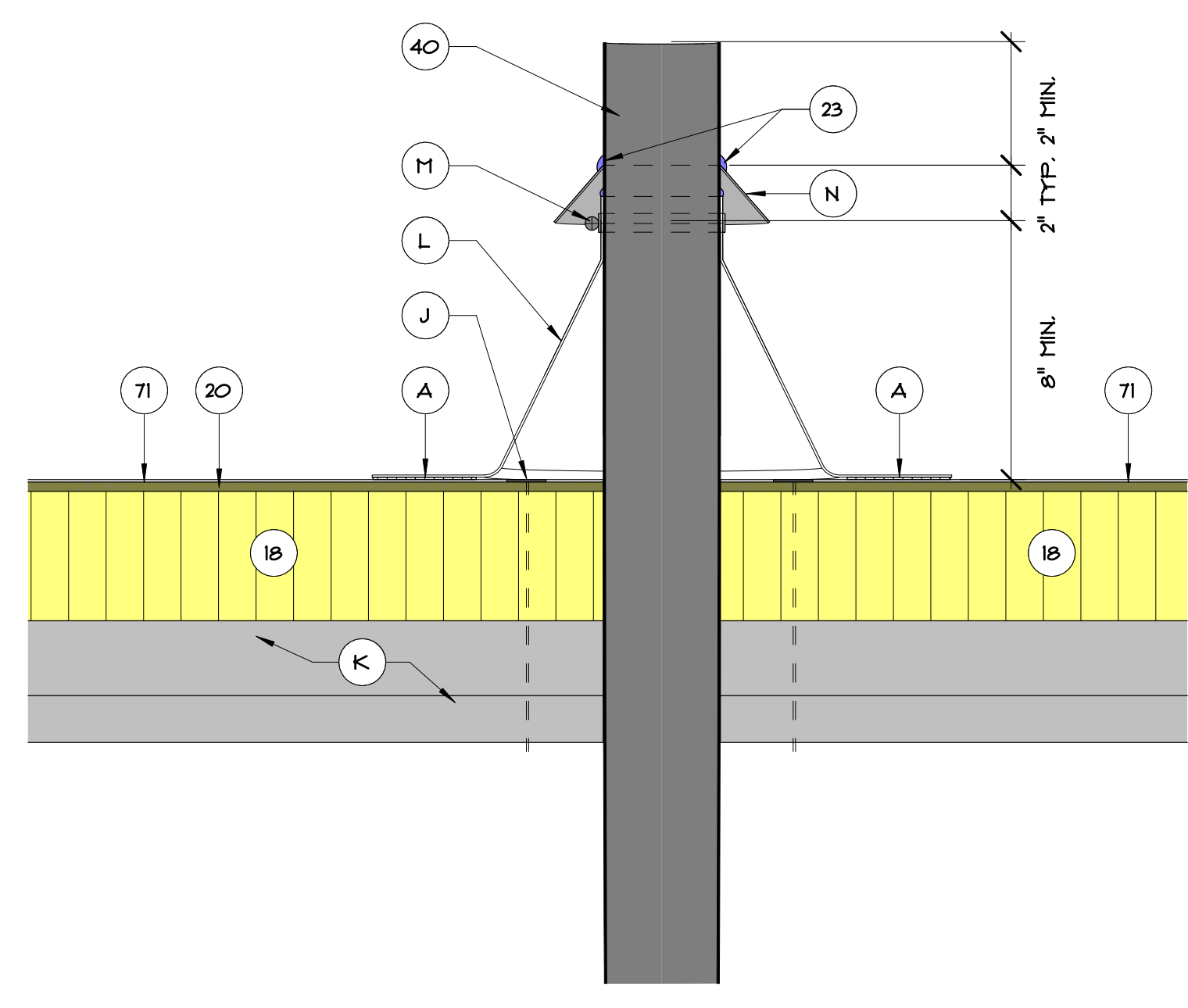
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OF SHEET(S)

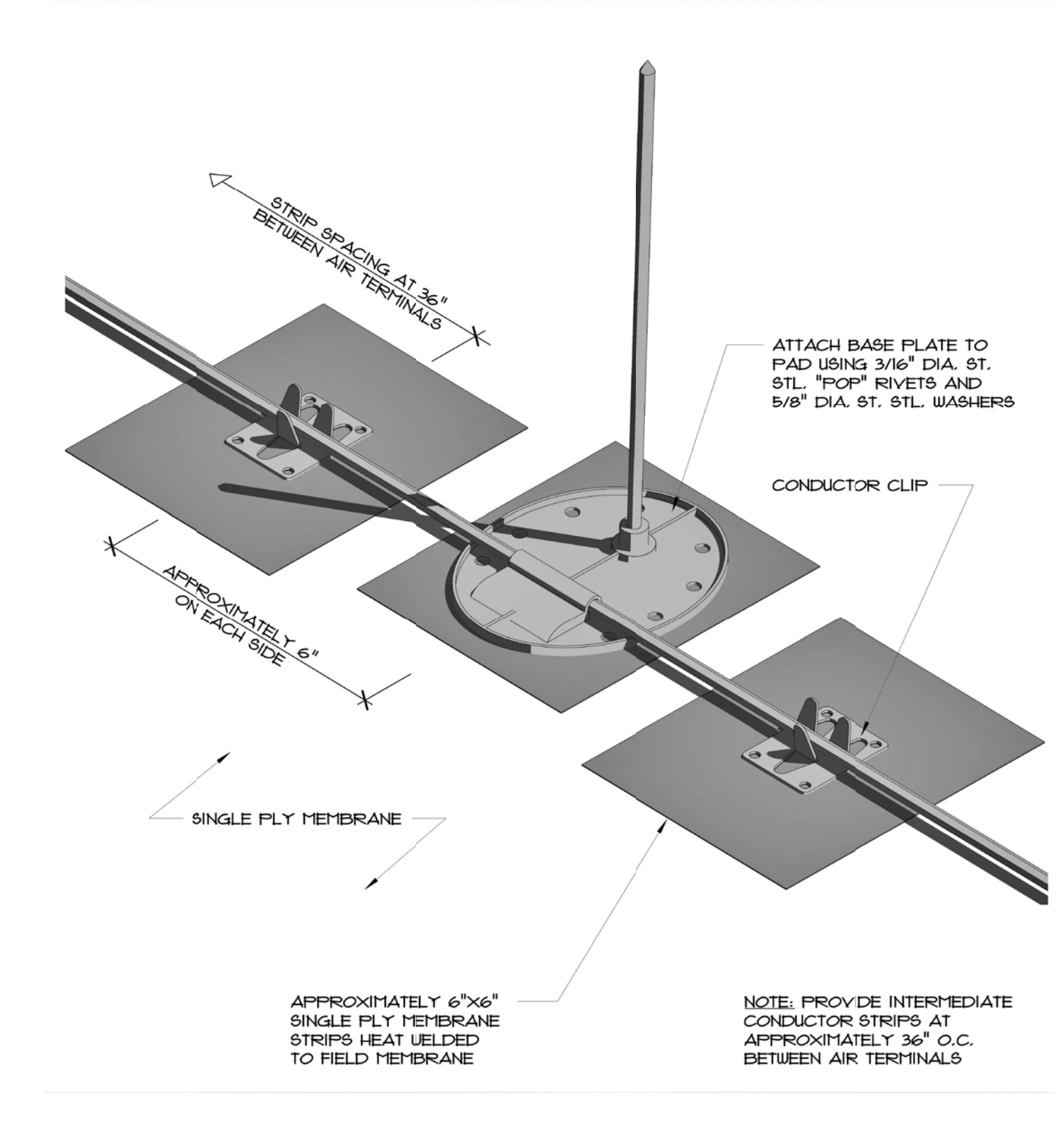


CONTRACTOR'S OPTION:
IF OPENING IS 12" OR LESS THE OPENING CAN BE COVERED BY A 12 GA. GALV. STEEL PLATE (RO. SIZE 46")

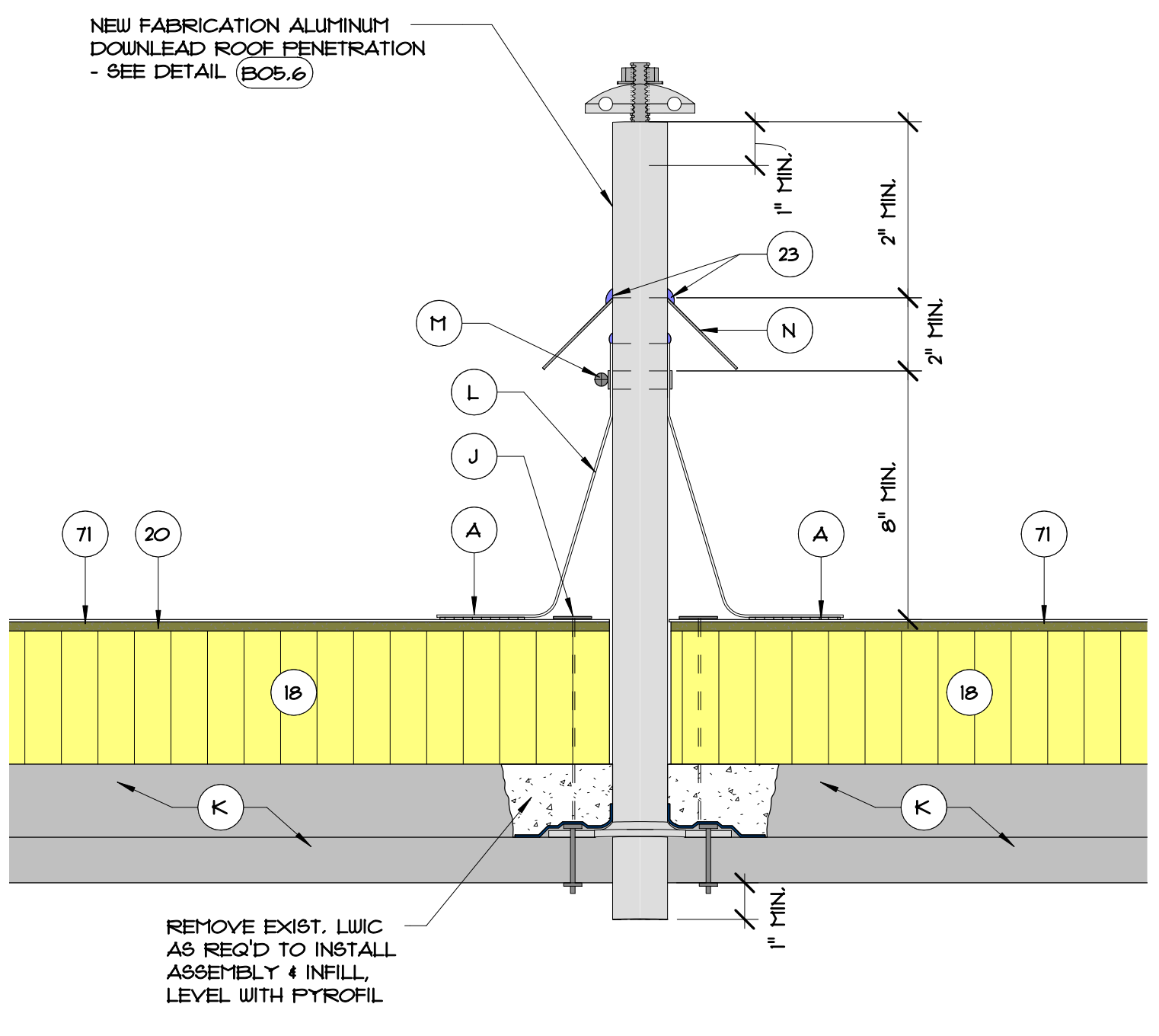
B05.1 TYPICAL DECK IN-FILL AT UPPER ROOF AREA
3" = 1'-0"



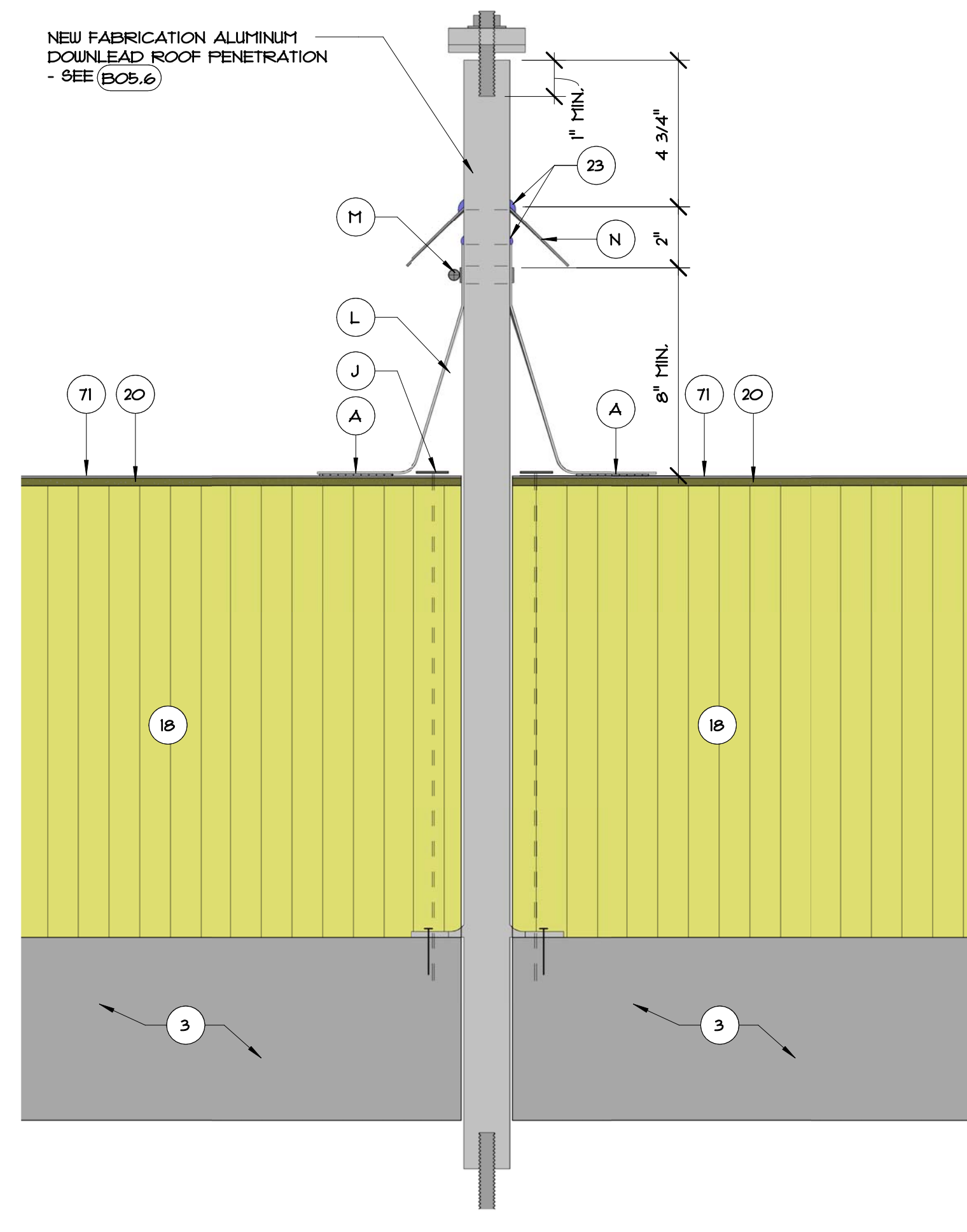
B05.2 TYPICAL VENT PIPE FLASHING DETAIL
3" = 1'-0"



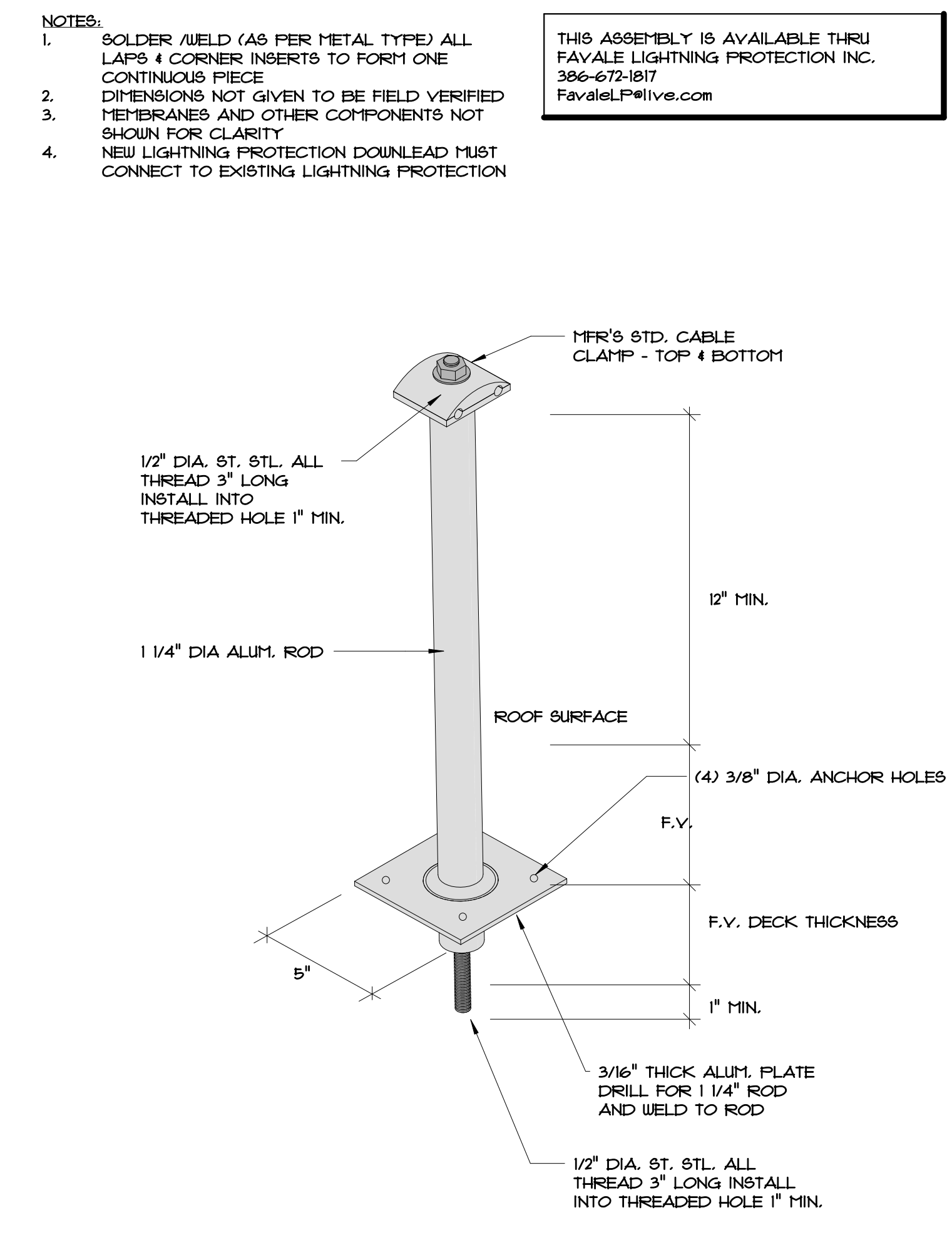
B05.3 TYPICAL FLAT AIR TERMINAL DETAIL
3" = 1'-0"



B05.4 LIGHTNING PROTECTION AND DOWNLEAD FLASHING AT UPPER ROOF
3" = 1'-0"



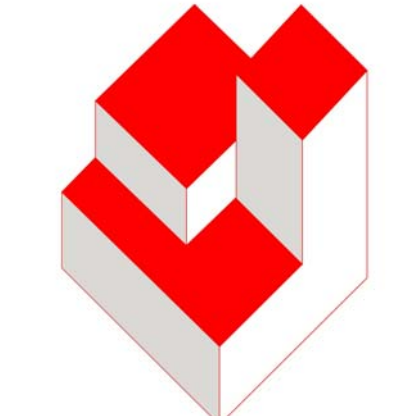
B05.5 LIGHTNING PROTECTION AND DOWNLEAD FLASHING AT LOWER ROOF
3" = 1'-0"



B05.6 TYPICAL DOWNLEAD FABRICATION DETAIL
3" = 1'-0"

TYP. DETAIL NOTES:

2. EXISTING WALL
3. EXISTING STRUCTURAL CONCRETE DECK
4. EXIST. PARAPET
5. EXIST. CURB TO REMAIN
10. EXISTING CURB TO REMAIN
18. TAPERED RIGID INSULATION
20. 1/4" GYPSUM COVER BOARD
21. SURFACE APPLIED TERMINATION BAR - FASTEN MIN. @ 8" O.C.
22. SURFACE MOUNTED COUNTERFLASHING - SIM. TO DETAIL B07.3
23. SEALANT
32. CONTINUOUS CLEAT
38. OVERFLOW SCUPPER - SEE REFERENCED DETAIL
40. EXISTING VENT STACK - ADD EXTENSION AS NEEDED TO ACHIEVE FLASHING HEIGHT
41. P.T. WOOD BLOCKING TO BE FASTENED AT 12" O.C. MAX. AND STAGGER - COUNTERSINK HEADS
42. 5/8" PLYWOOD - SCREW FASTEN @ 8" O.C. (MAX) TOP & BOTTOM & STAGGERED - COUNTERSINK HEADS
43. ROUNDED OFF THIS EDGE
44. NEW ROOF DRAIN AND ACCESSORIES
45. EXISTING STRUCTURE
48. CREATE 3/4" FT. SLOPED GUMP W/ TAPERED RIGID INSULATION - 2'-0" FROM CENTER EACH WAY
60. PARAPET CAP - SEE DETAIL B03.1
61. NEW EDGE METAL - SEE DETAIL B03.4
70. FLEXIBLE SHEET FLASHING
71. FLEXIBLE SHEET MEMBRANE
74. 1X2 W.D. SHIM SCREW FASTEN AT 12" O.C. STAGGERED COUNTERSINK SCREWHEADS.
101. PRE-FABRICATED METAL CURB. FASTEN TO EXIST. DECK AS INDICATED PER SCHEDULE - SEE DETAIL B07.1
102. EXIST. METAL WALL PANEL TO REMAIN
111. NEW 3" WIDE RETAINER CLEAT @ 18" O.C. MAX. W/ 2 FASTENERS MIN. - BEND UP IN FIELD TO SECURE COUNTERFLASHING
114. WRAP ROOF LEADER PIPE & PACK UNDER DRAIN W/ NON-COMBUSTIBLE INSULATION
120. NEW WOOD CURB FROM 2x4'S AT 16" O.C.
133. EXISTING WOOD BLOCKING TO REMAIN. REPLACE WHERE DAMAGED OR DETERIORATED
- A. HEAT WELD
- B. MANUFACTURER'S APPROVED ADHESIVE
- C. SKIRT & CAP METAL - 0.040" PRE-FINISHED ALUM.
- D. NEW 1/4" DIA. X 15" STAINLESS STEEL SCREWS NEOPRENE WASHERS AT 8" O.C. (MIN. 2 FASTENERS EACH SIDE).
- E. STAINLESS STEEL SCREWS WITH METAL BACKED NEOPRENE WASHERS
- G. TWO-PIECE COUNTERFLASHING & RECEIVER - SEE DETAIL B07.3 - SECURE RECEIVER BENEATH METAL PANEL
- H. NO-HUB CONNECTOR WITH ST. STL. DRAW BANDS - TIGHTEN AS NEEDED FOR SECURE ATTACHMENT
- I. UNDER-DECK CLAMPING RING
- J. FASTENER WITH STRESS PLATES
- K. EXISTING LT. WT. INSULATING CONC. OVER METAL DECK
- L. PREFORMED STACK FLASHING
- M. ST. STL. DRAW BAND
- N. 2" WIDE 24 GA ST. STL. RAIN CAP - FRICTION FIT AND "POP" RIVET IN PLACE
- O. MFR'S. STANDARD ADJUSTABLE HEIGHT COLLAR - ANCHOR TO DECK W/ FOUR (4) 1/4" DIA. X 2 1/4" SCREWS
- P. NEW 2"x2"x3/16" SUPPORT ANGLE BETWEEN JOISTS EACH SIDE OF DRAIN OR CURB
- Q. NEW STRAINER CAP AND CLAMPING RING
- R. SAW-CUT OPENING THRU PARAPET WALL - CREATE OPENING FOR A NEW 4" X 12" OVERFLOW SCUPPER



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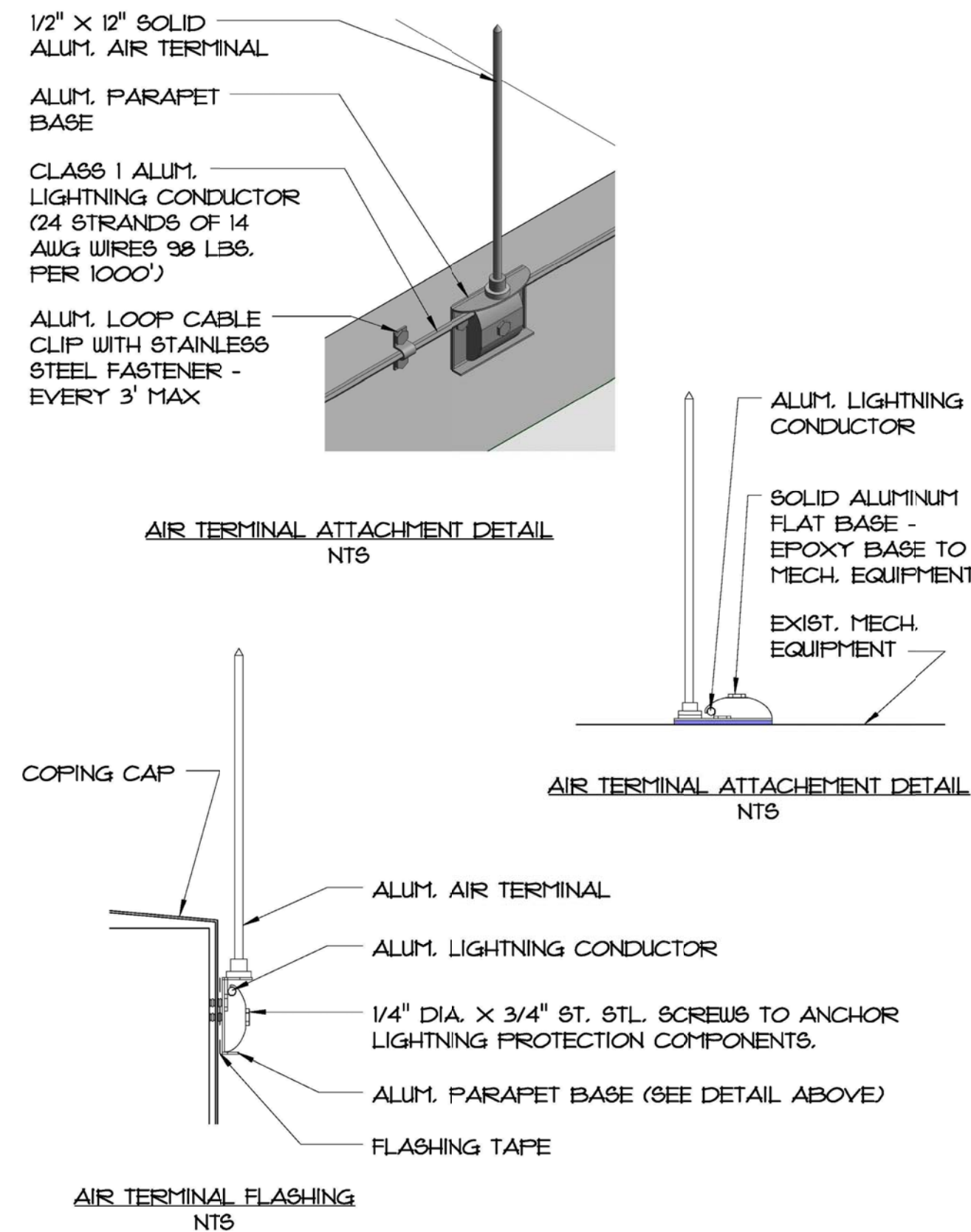
REVISIONS		
NO.	DATE	BY:

DETAILS - ROOF PENETRATION FLASHING & DECK IN-FILL

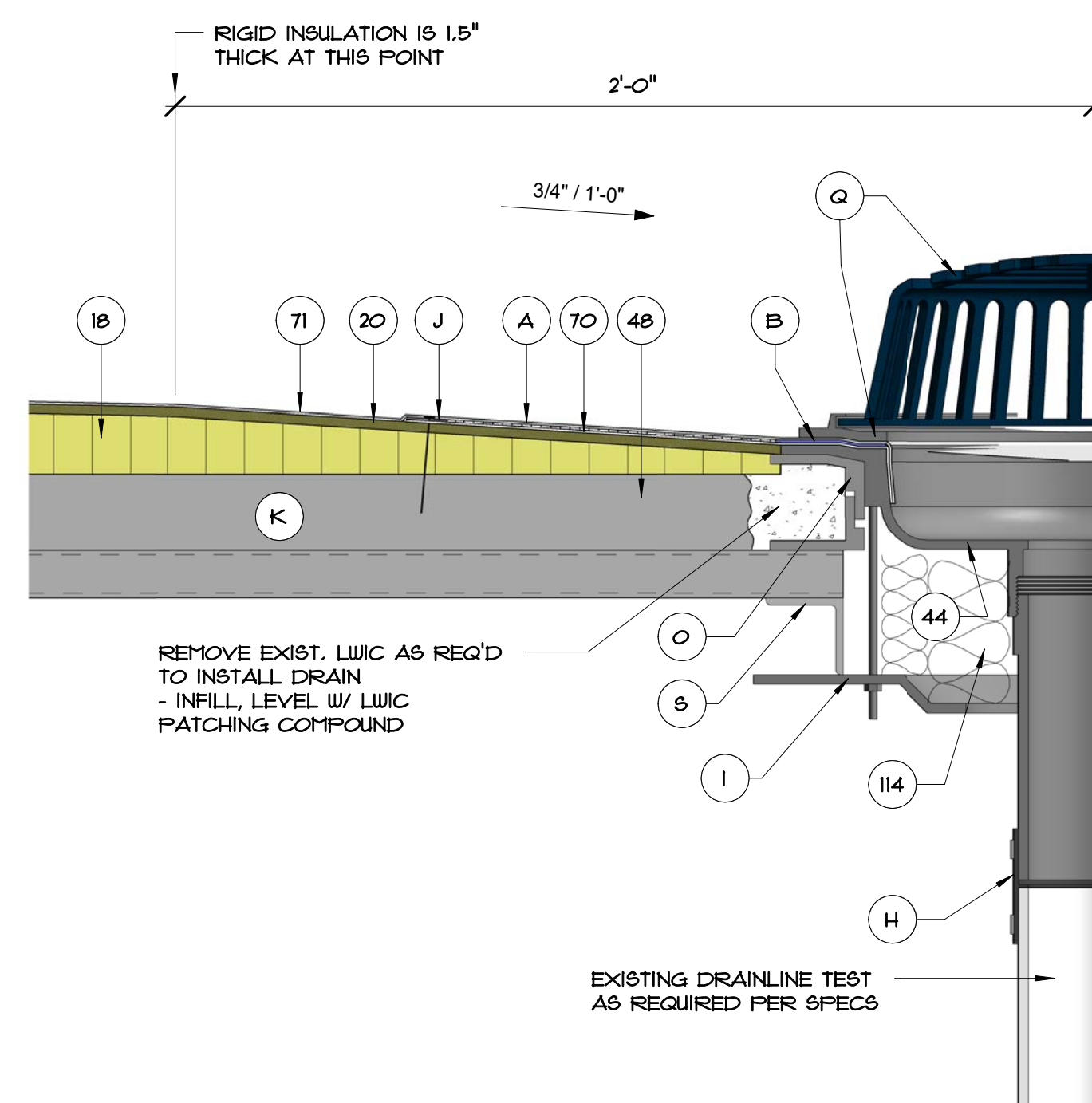
Roof Replacement and Designated Repairs for the:
FULLER WARREN BUILDING
Florida Department of Economic Opportunity
215 Market Street, Jacksonville, Florida 32202

JOB NO.: 18052.00
DRAWN BY: Author
DESIGNED BY: Designer
CHECKED BY: Checker
DATE: 02/06/19

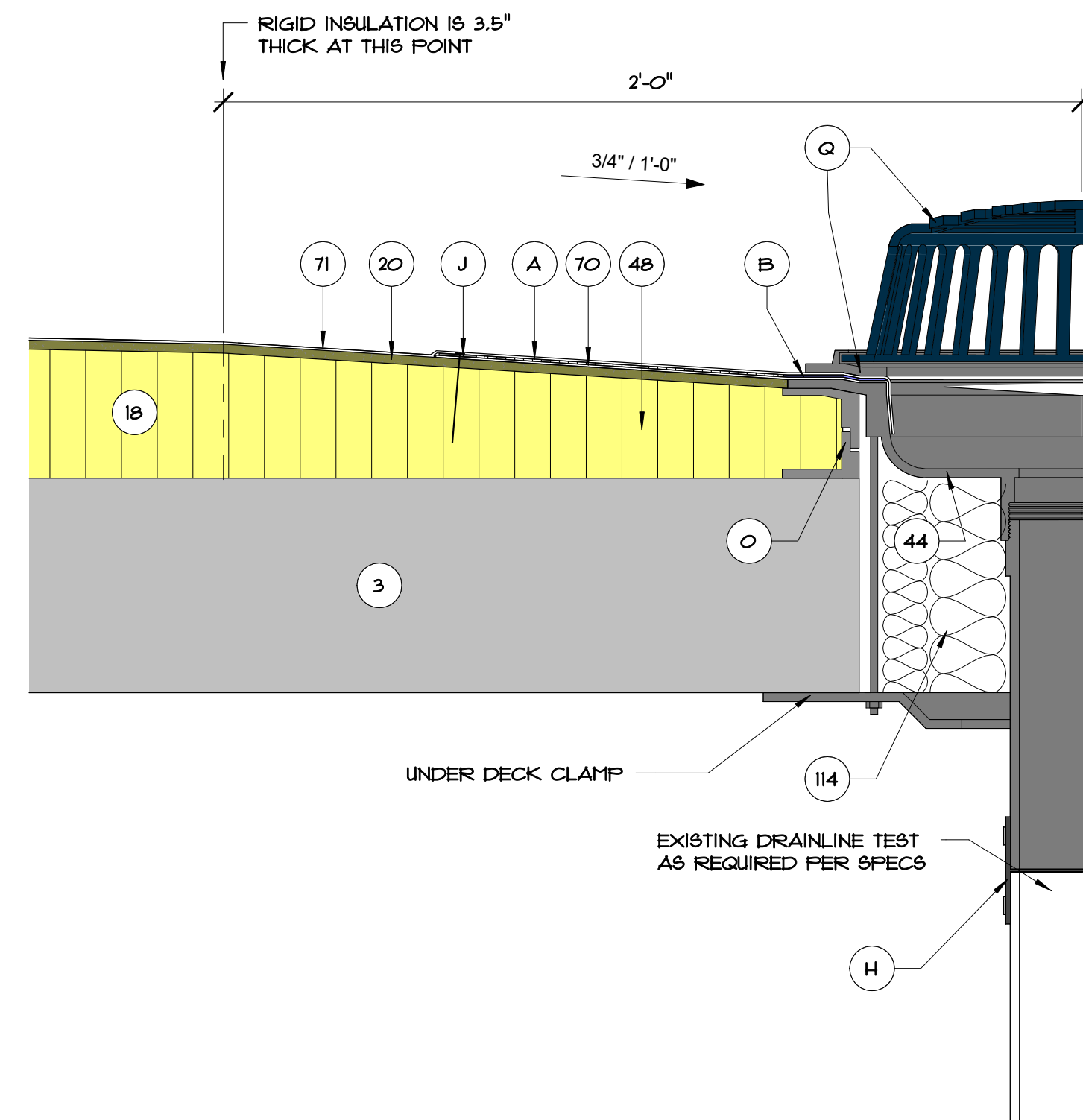
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SHEET NO.:
OF SHEET(S)



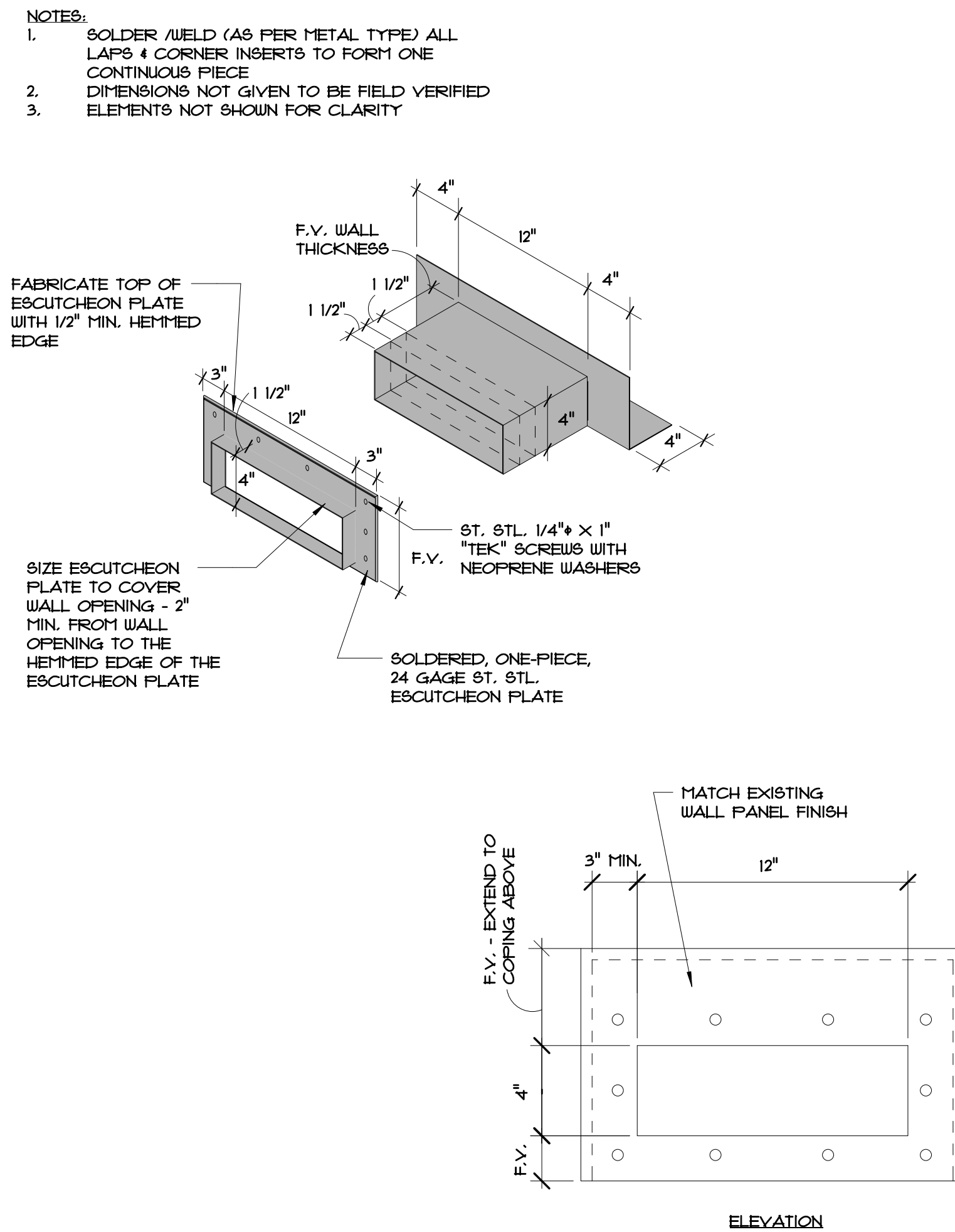
B06 .1 LIGHTNING PROTECTION TERMINAL BASE ATTACHMENT DETAIL
3" = 1'-0"



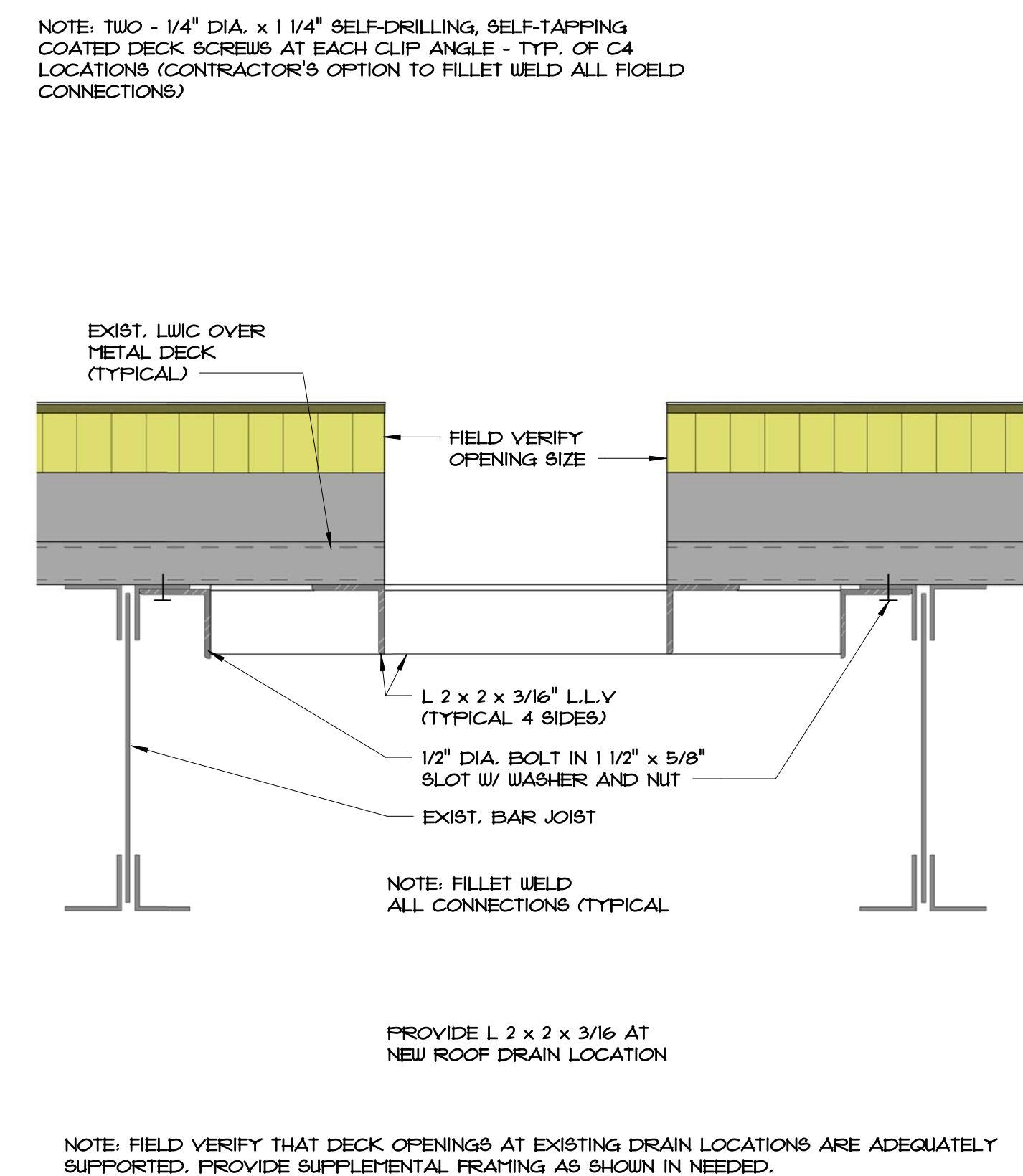
B06 .2 NEW ROOF DRAIN FLASHING AT ROOF AREA 1/B
3" = 1'-0"



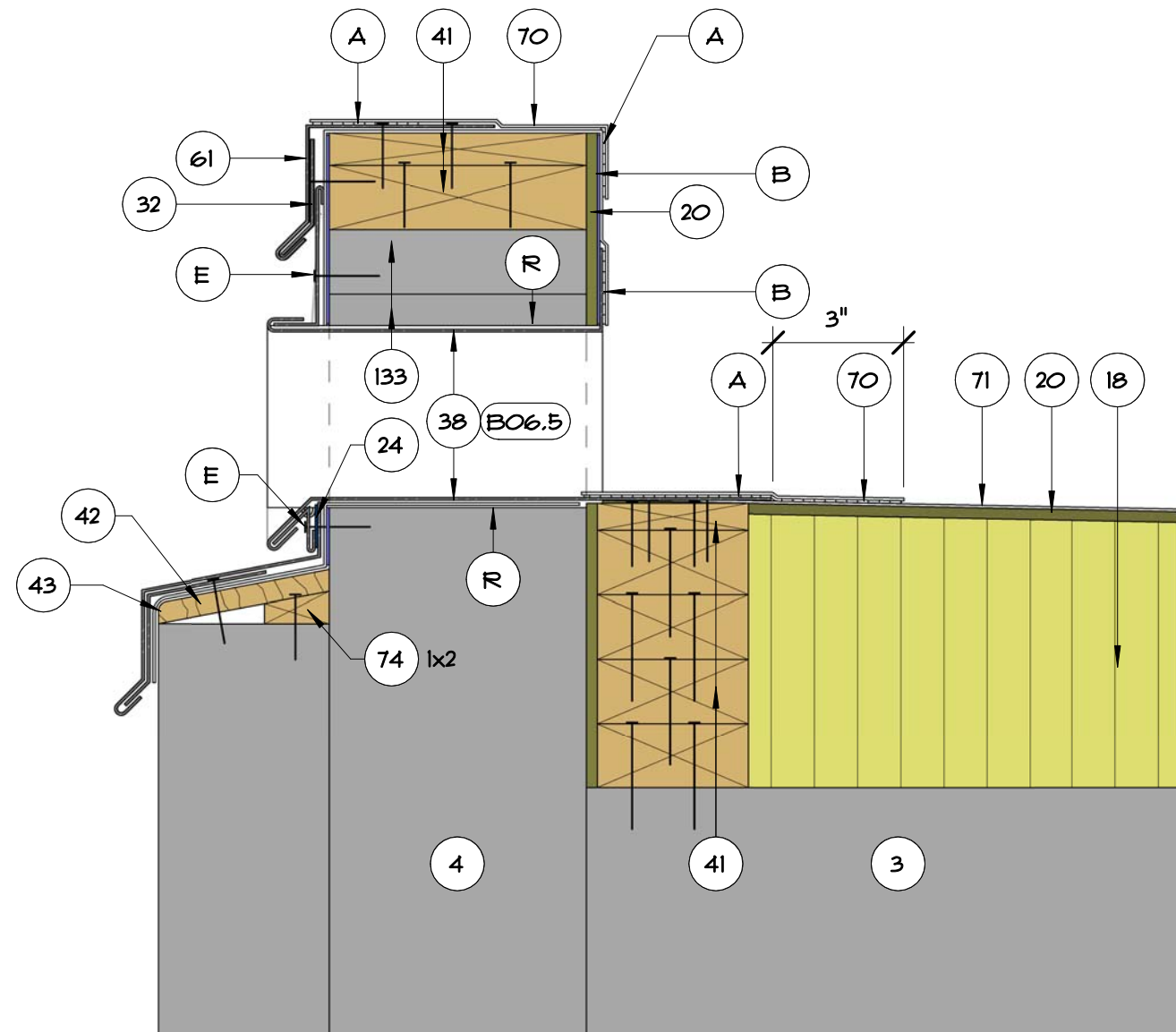
B06 .3 NEW ROOF DRAIN FLASHING AT ROOF AREA 1/A
3" = 1'-0"



B06 .5 OVERFLOW SCUPPER FABRICATION DETAIL



B06 .6 TYPICAL ROOF DRAIN SUPPORT FRAMING DETAIL
3" = 1'-0"



B06 .4 NEW OVERFLOW SCUPPER FLASHING DETAIL AT LOWER ROOF
3" = 1'-0"

TYP. DETAIL NOTES:

2. EXISTING WALL
3. EXISTING STRUCTURAL CONCRETE DECK
4. EXIST. PARAPET
5. EXIST. CURB TO REMAIN
10. EXISTING CURB TO REMAIN
18. TAPERED RIGID INSULATION
20. 1/4" GYPSUM COVER BOARD
21. SURFACE APPLIED TERMINATION FLASHING - FASTEN MIN. @ 8" O.C.
22. SURFACE MOUNTED COUNTERFLASHING - SIM. TO DETAIL B07.3
23. SEALANT
32. CONTINUOUS CLEAT
38. OVERFLOW SCUPPER - SEE REFERENCED DETAIL
40. EXISTING VENT STACK - ADD EXTENSION AS NEEDED TO ACHIEVE FLASHING HEIGHT
41. P.T. WOOD BLOCKING TO BE FASTENED AT 12" O.C. MAX. AND STAGGER - COUNTERSINK HEADS
42. 5/8" PLYWOOD - SCREW FASTEN @ 8" O.C. (MAX) TOP & BOTTOM & STAGGERED - COUNTERSINK HEADS
43. NEW ROOF DRAIN AND ACCESSORIES
44. EXISTING STRUCTURE
48. CREATE 3/4" FT. SLOPED RUMP W/ TAPERED RIGID INSULATION - 2'-0" FROM CENTER EACH WAY
60. PARAPET CAP - SEE DETAIL B03.1
61. NEW EDGE METAL - SEE DETAIL B03.4
70. FLEXIBLE SHEET FLASHING
71. FLEXIBLE SHEET MEMBRANE
74. 1X2 W/ 8/11" SCREW FASTEN AT 12" O.C. STAGGERED COUNTERSINK SCREWHEADS.
101. PRE-FABRICATED METAL CURB. FASTEN TO EXIST. DECK AS INDICATED PER SCHEDULE - SEE DETAIL B07.1
102. EXIST. METAL WALL PANEL TO REMAIN
111. NEW 3" WIDE RETAINER CLEAT @ 18" O.C. MAX. W/ 2 FASTENERS MIN. - BEND UP IN FIELD TO SECURE COUNTERFLASHING
114. WRAP ROOF LEADER PIPE & PACK UNDER DRAIN W/ NON-COMBUSTIBLE INSULATION
120. NEW WOOD CURB FROM 2x4'S AT 16" O.C.
133. EXISTING WOOD BLOCKING TO REMAIN. REPLACE WHERE DAMAGED OR DETERIORATED
- A. HEAT WELD
- B. MANUFACTURER'S APPROVED ADHESIVE
- C. SKIRT & CAP METAL - 0.040" PRE-FINISHED ALUM.
- D. NEW 1/4" DIA. X 1 1/2" STAINLESS STEEL SCREWS NEOPRENE WASHERS AT 8" O.C. (MIN. 2 FASTENERS EACH SIDE).
- E. STAINLESS STEEL SCREWS WITH METAL BACKED NEOPRENE WASHERS
- G. TWO-PIECE COUNTERFLASHING & RECEIVER - SEE DETAIL B07.3 - SECURE RECEIVER BENEATH METAL PANEL
- H. NO-HUB CONNECTOR WITH ST. STL. DRAW BANDS - TIGHTEN AS NEEDED FOR SECURE ATTACHMENT
- I. UNDER-DECK CLAMPING RING
- J. FASTENER WITH STRESS PLATES
- K. EXISTING LT. WT. INSULATING CONC. OVER METAL DECK
- L. PREFORMED STACK FLASHING
- M. ST. STL. DRAW BAND
- N. 2" WIDE 24 GA ST. STL. RAIN CAP - FRICTION FIT AND "POP" RIVET IN PLACE
- O. 1 1/2" DIA. STANDARD ADJUSTABLE HEIGHT COLLAR - ANCHOR TO DECK W/ FOUR (4) 1/4" DIA. X 2 1/4" SCREWS
- P. NEW 2"x3"x1/8" SUPPORT ANGLE BETWEEN JOISTS EACH SIDE OF DRAIN OR CURB
- Q. NEW STRAINER CAP AND CLAMPING RING
- R. SAU-CUT OPENING THRU PARAPET WALL - CREATE OPENING FOR A NEW 4" X 12" OVERFLOW SCUPPER



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JOSEPH J. WILLIAMS AR-0007684

REVISIONS		
NO.	DATE	BY:

DETAILS - ROOF DRAINAGE AND FABRICATION

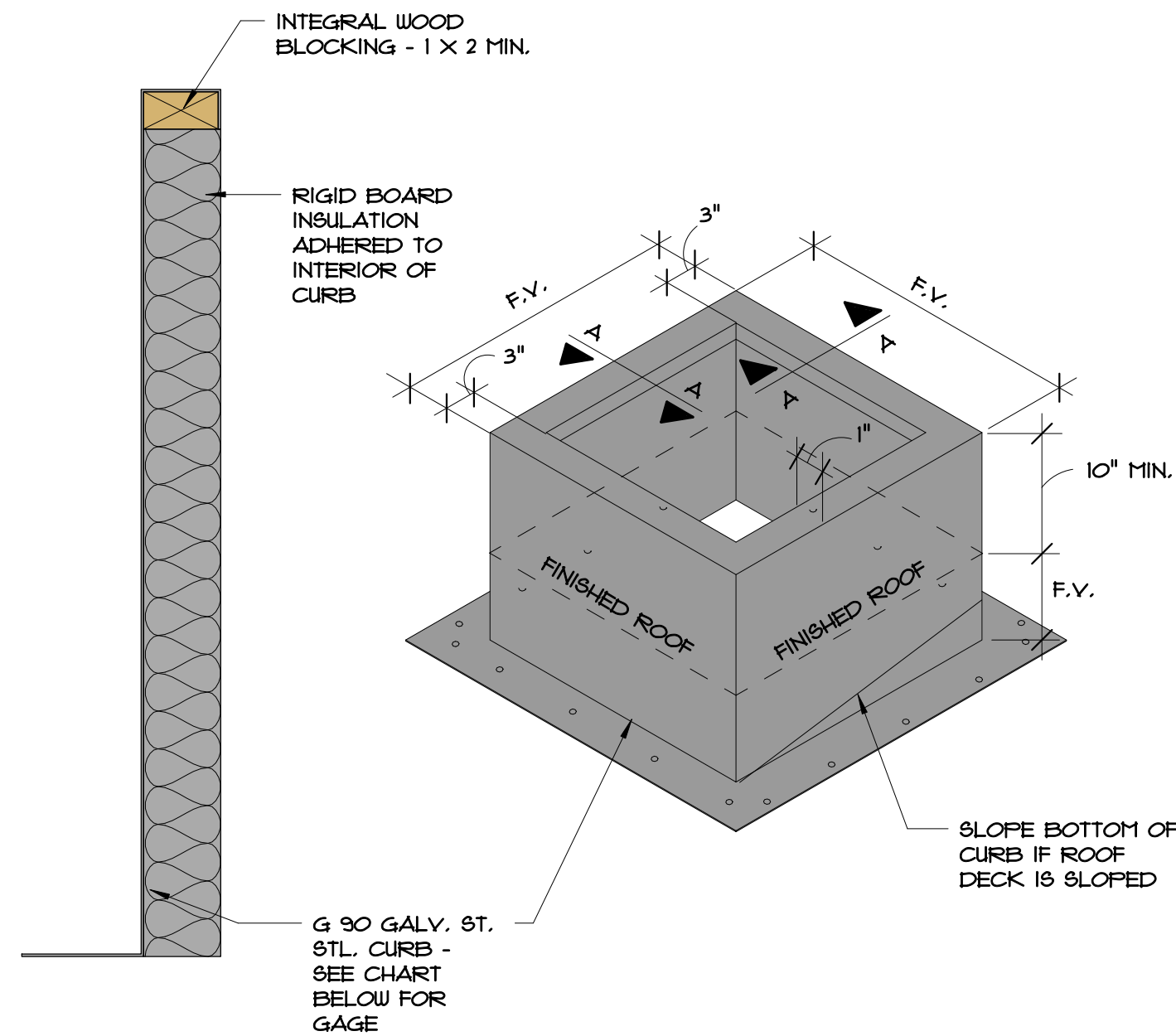
Roof Replacement and Designated Repairs for the:

FULLER WARREN BUILDING

Florida Department of Economic Opportunity
215 Market Street, Jacksonville, Florida 32202

JOB NO.: 18052.00
DRAWN BY: TG
DESIGNED BY: TG
CHECKED BY: JW
DATE: 03/07/19

B06
SHEET NO.:
OF SHEET(S)

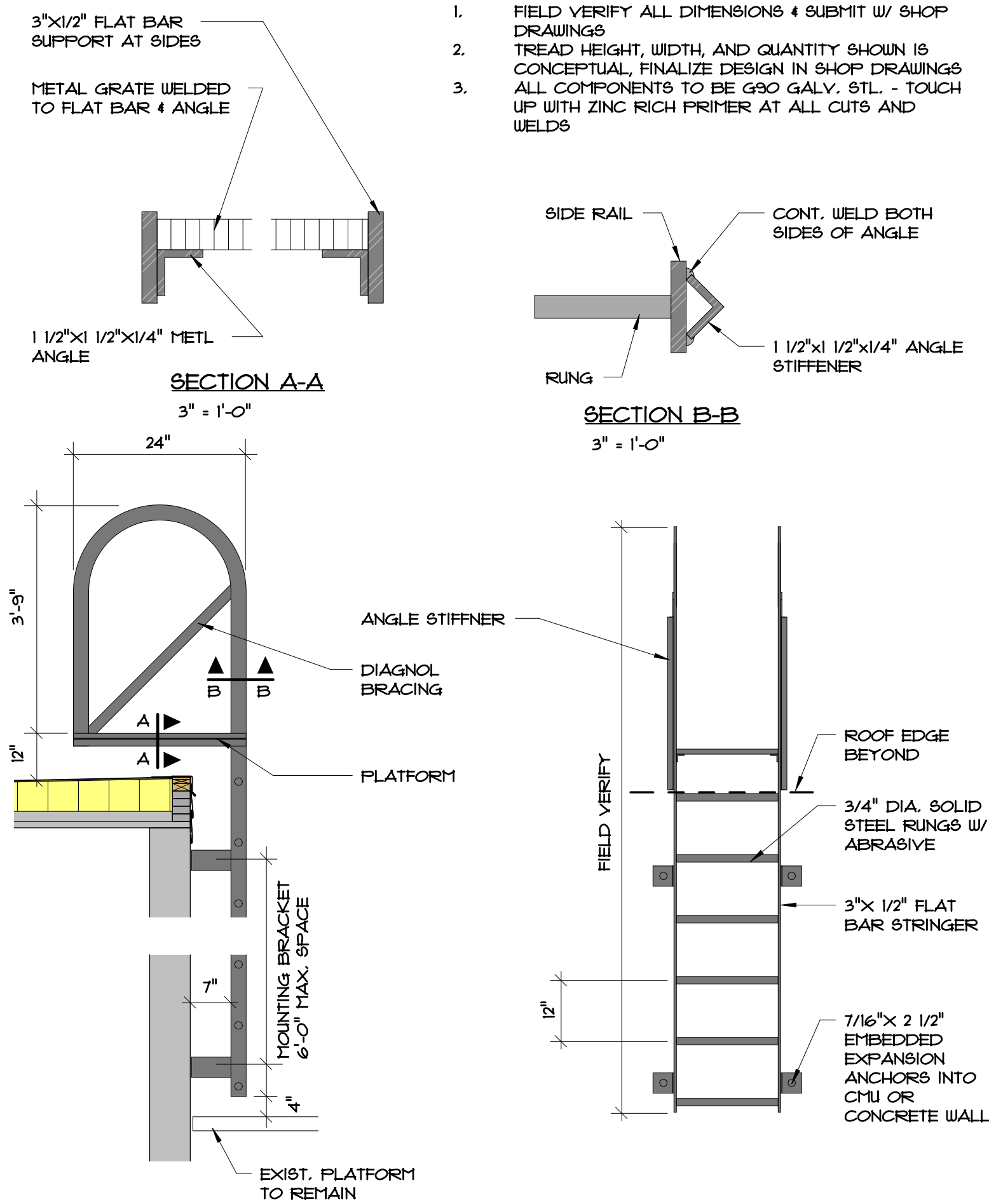


- NOTES:
1. SOLDER/WELD (AS PER METAL TYPE) ALL LAPS & CORNER INSERTS TO FORM ONE CONTINUOUS PIECE
 2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED
 3. MEMBRANE AND OTHER COMPONENTS NOT SHOWN FOR CLARITY

CURB DATA

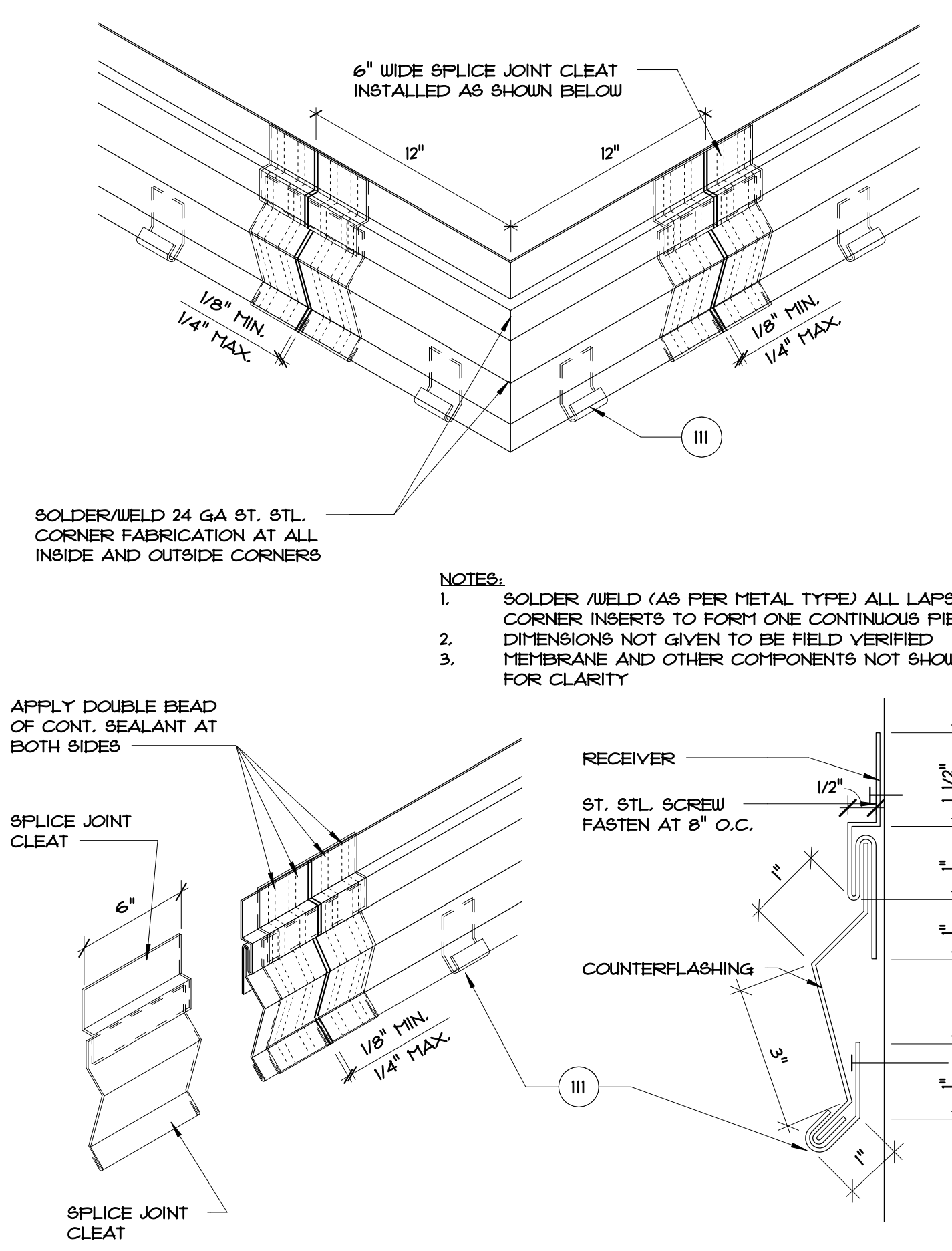
MIN. SIZE	MAX. SIZE	METAL GAGE	ANCHORAGE - CONC. DECK	ANCHORAGE - 22 GA METAL DECK
-	24" SQ	20 GA	1/4" DIA. X 2 1/4" LG. TAPCONS @ 24" O.C.	1/4" DIA. SCREW @ 12" O.C.
25" SQ	60" SQ	18 GA	1/4" DIA. X 2 1/4" LG. TAPCONS @ 18" O.C.	1/4" DIA. SCREW @ 9" O.C.
61" SQ	120" SQ	16 GA	1/4" DIA. X 2 1/4" LG. TAPCONS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

B07 .1 TYPICAL CURB FABRICATION DETAIL
3" = 1'-0"



- NOTES:
1. FIELD VERIFY ALL DIMENSIONS & SUBMIT W/ SHOP DRAWINGS
 2. TREAD HEIGHT, WIDTH, AND QUANTITY SHOWN IS CONCEPTUAL, FINALIZE DESIGN IN SHOP DRAWINGS
 3. ALL COMPONENTS TO BE G90 GALV. STL. - TOUCH UP WITH ZINC RICH PRIMER AT ALL CUTS AND WELDS

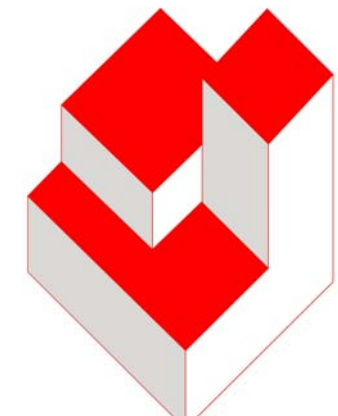
B07 .2 NEW WALL MOUNTED LADDER ACCESS DETAIL
1/2" = 1'-0"



B07 .3 TYPICAL 2-PIECE COUNTERFLASHING FABRICATION DETAIL
6" = 1'-0"

TYP. DETAIL NOTES:

2. EXISTING WALL
 3. EXISTING STRUCTURAL CONCRETE DECK
 4. EXIST. PARAPET
 5. EXIST. CURB TO REMAIN
 10. EXISTING CURB TO REMAIN
 18. TAPERED RIGID INSULATION
 20. 1/4" GYPSUM COVER BOARD
 21. SURFACE APPLIED TERMINATION BAR - FASTEN MIN. @ 8" O.C.
 22. SURFACE MOUNTED COUNTERFLASHING - SIM. TO DETAIL B07.3
 23. SEALANT
 32. CONTINUOUS CLEAT
 38. OVERFLOW SCUPPER - SEE REFERENCED DETAIL
 40. EXISTING VENT STACK - ADD EXTENSION AS NEEDED TO ACHIEVE FLASHING HEIGHT
 41. P.T. WOOD BLOCKING TO BE FASTENED AT 12" O.C. MAX. AND STAGGER - COUNTERSINK HEADS
 42. 5/8" PLYWOOD - SCREW FASTEN @ 8" O.C. (MAX) TOP & BOTTOM & STAGGERED - COUNTERSINK HEADS
 43. ROUND OFF THIS EDGE
 44. NEW ROOF DRAIN AND ACCESSORIES
 45. EXISTING STRUCTURE
 48. CREATE 3/4" FT. SLOPED RUMP W/ TAPERED RIGID INSULATION - 2'-0" FROM CENTER EACH WAY
 60. PARAPET CAP - SEE DETAIL B03.1
 61. NEW EDGE METAL - SEE DETAIL B03.4
 70. FLEXIBLE SHEET FLASHING
 71. FLEXIBLE SHEET MEMBRANE
 74. 1X2 W/ 5/16" SCREW FASTEN AT 12" O.C. STAGGERED COUNTERSINK SCREWHEADS.
 101. PRE-FABRICATED METAL CURB. FASTEN TO EXIST. DECK AS INDICATED PER SCHEDULE - SEE DETAIL B07.1
 102. EXIST. METAL WALL PANEL TO REMAIN
 111. NEW 3" WIDE RETAINER CLEAT @ 18" O.C. MAX. W/ 2 FASTENERS MIN. - BEND UP IN FIELD TO SECURE COUNTERFLASHING
 114. WRAP ROOF LEADER PIPE & PACK UNDER DRAIN W/ NON-COMBUSTIBLE INSULATION
 120. NEW WOOD CURB FROM 2x4'S AT 16" O.C.
 133. EXISTING WOOD BLOCKING TO REMAIN. REPLACE WHERE DAMAGED OR DETERIORATED
- A. HEAT WELD
- B. MANUFACTURER'S APPROVED ADHESIVE
- C. SKIRT & CAP METAL - 0.040" PRE-FINISHED ALUM.
- D. NEW 1/4" DIA. X 15" STAINLESS STEEL SCREWS NEOPRENE WASHERS @ 8" O.C. (MIN. 2 FASTENERS EACH SIDE).
- E. STAINLESS STEEL SCREWS WITH METAL BACKED NEOPRENE WASHERS
- G. TWO-PIECE COUNTERFLASHING & RECEIVER - SEE DETAIL B07.3 - SECURE RECEIVER BENEATH METAL PANEL
- H. NO-HUB CONNECTOR WITH ST. STL. DRAW BANDS - TIGHTEN AS NEEDED FOR SECURE ATTACHMENT
- I. UNDER-DECK CLAMPING RING
- J. FASTENER WITH STRESS PLATES
- K. EXISTING LT. WT. INSULATING CONC. OVER METAL DECK
- L. PREFORMED STACK FLASHING
- M. ST. STL. DRAW BAND
- N. 2" WIDE 24 GA ST. STL. RAIN CAP - FRICTION FIT AND "POP" RIVET IN PLACE
- O. "HFR'S" STANDARD ADJUSTABLE HEIGHT COLLAR - ANCHOR TO DECK W/ FOUR (4) 1/4" DIA. X 2 1/4" SCREWS
- P. NEW 2"x3"x1/8" SUPPORT ANGLE BETWEEN JOISTS EACH SIDE OF DRAIN OR CURB
- Q. NEW STRAINER CAP AND CLAMPING RING
- R. SAW-CUT OPENING THRU PARAPET WALL - CREATE OPENING FOR A NEW 4" X 12" OVERFLOW SCUPPER



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JOSEPH J. WILLIAMS AR-0007684

REVISIONS

NO.	DATE	BY:

DETAILS - MISCELLANEOUS FABRICATION

Roof Replacement and Designated Repairs for the:

FULLER WARREN BUILDING

Florida Department of Economic Opportunity
215 Market Street, Jacksonville, Florida 32202

JOB NO.: 18052.00
DRAWN BY: TG
DESIGNED BY: TG
CHECKED BY: JW
DATE: 03/07/19

B07

SHEET NO.:
OF SHEET(S)