

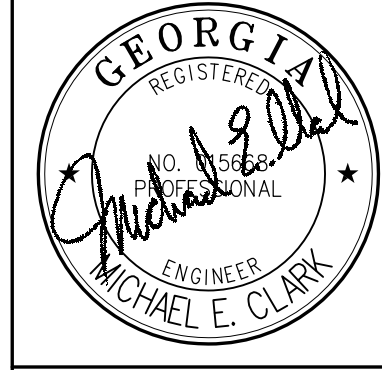
RETROFIT ROOF, HANGAR A MACON, GEORGIA

FOR THE MACON INDUSTRIAL AUTHORITY

**439 MULBERRY STREET
MACON, GEORGIA 31201**



DATE	REVISIONS



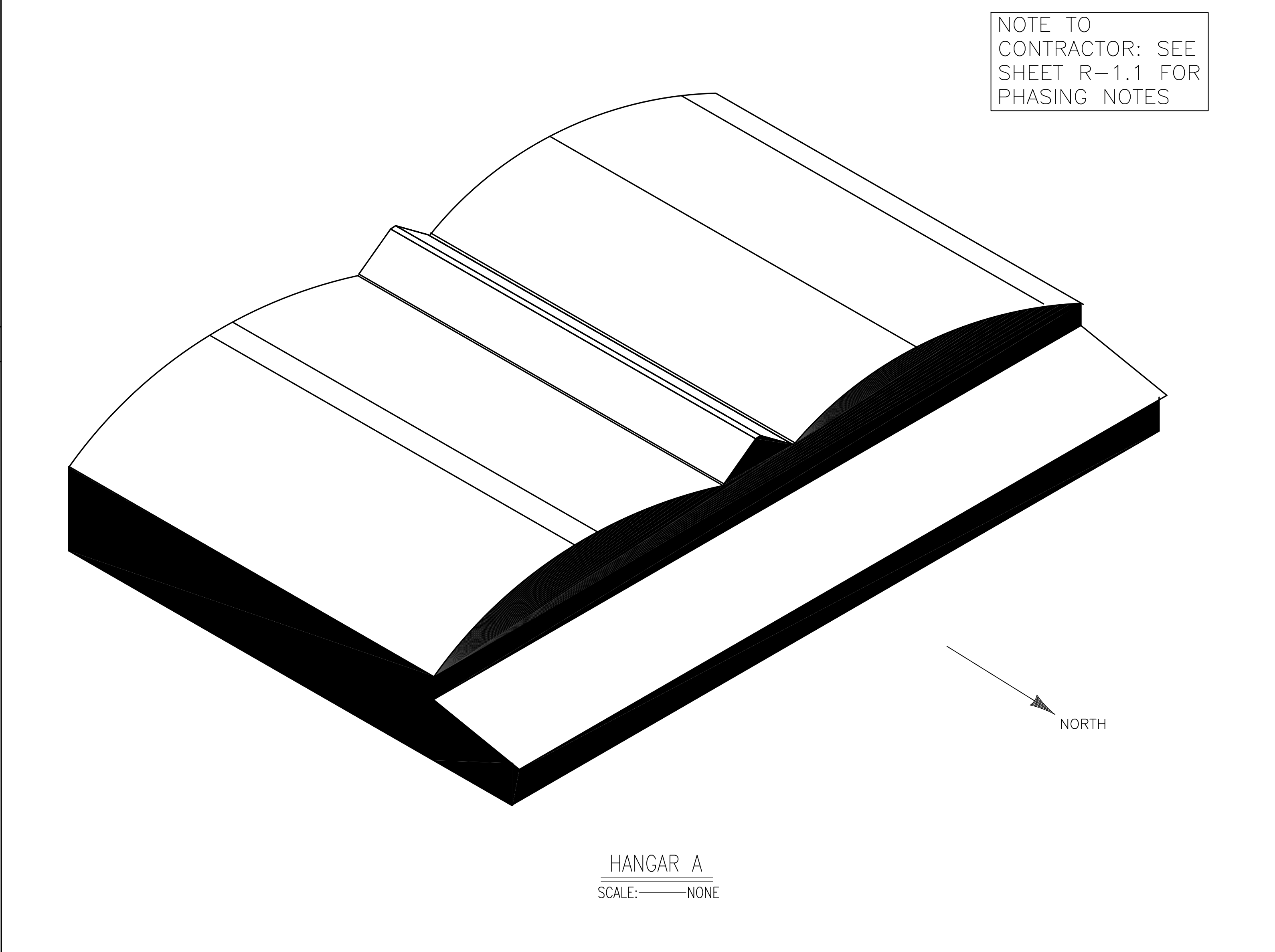
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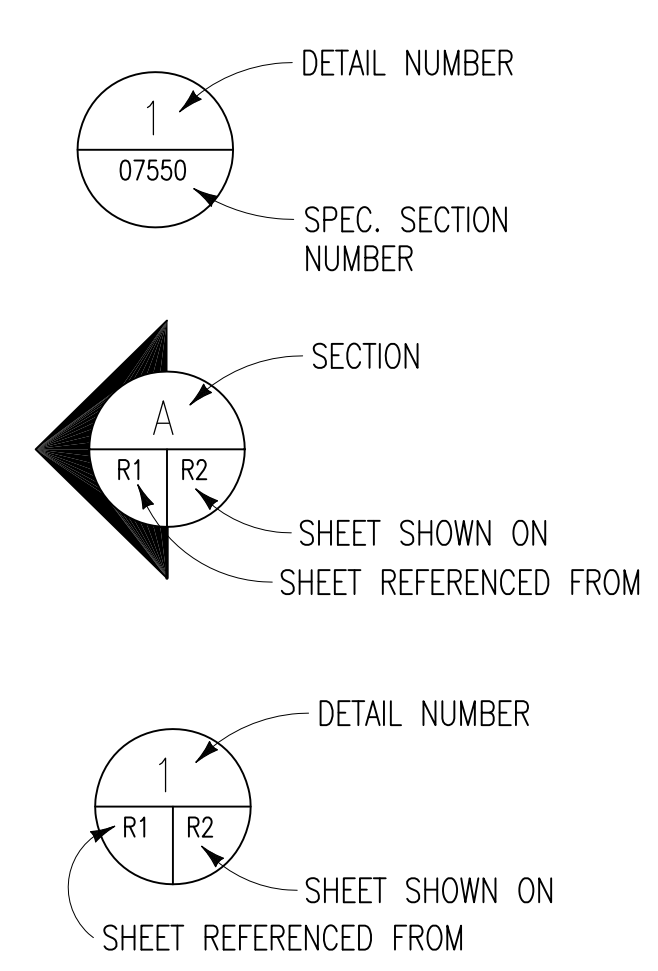
INDEX OF DRAWINGS	
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R-4	NEW WORK DETAILS
R-5	NEW WORK DETAILS
R-6	NEW WORK DETAILS
R-7	NEW WORK DETAILS
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MACON INDUSTRIAL AUTHORITY OFFICIALS	
ROBERT E. FOUNTAIN, JR.	CHAIRMAN
DWIGHT JONES	VICE-CHAIRMAN
STEPHEN ADAMS	EXECUTIVE DIRECTOR

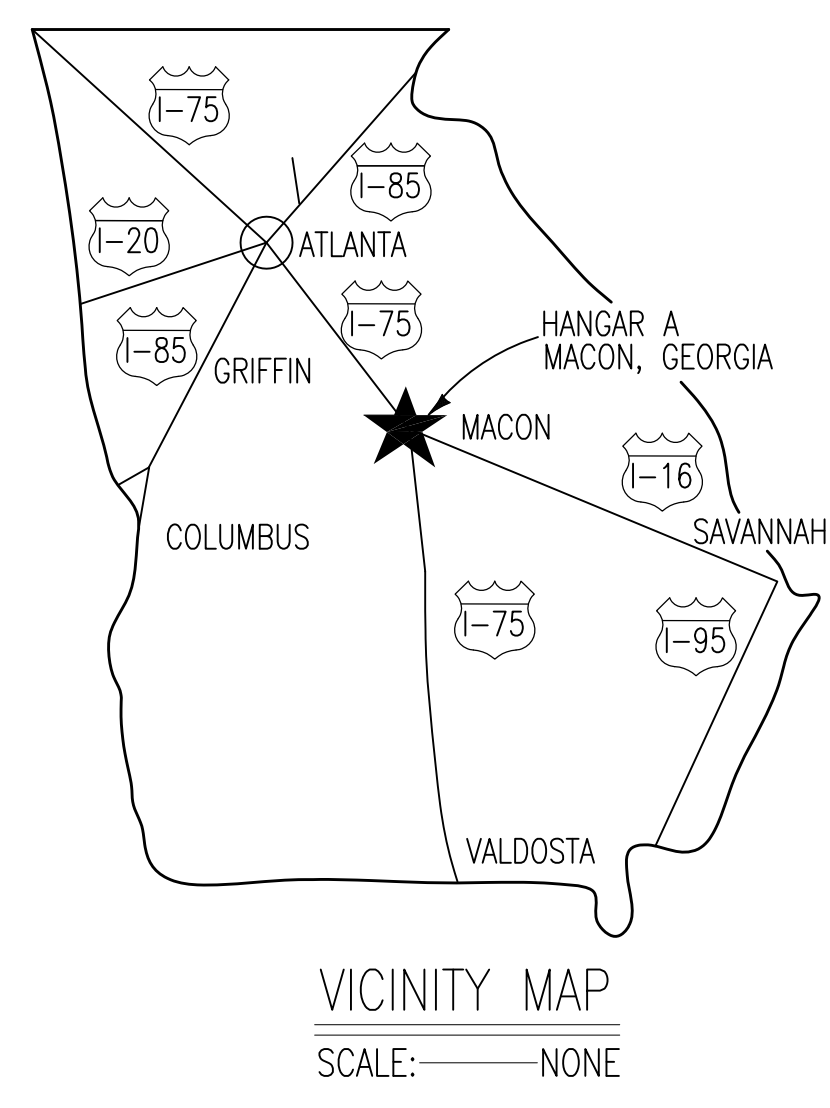
BUILDING ISOMETRIC VIEW



DRAWING SYMBOLS



VICINITY MAP




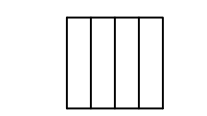
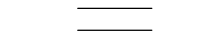
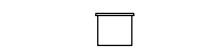
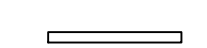

DESIGNED BY
MICHAEL E. CLARK &
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MACON, GA 31204
PHONE: 478-471-6661

COVER SHEET
RETROFIT ROOF, HANGAR A
2178 FLIGHTLINE AVENUE
MACON, GA 31216

Drawn By	JONES
Checked By	CLARK
Date	11/03/2020
Job No.	2020-59
Drawing Number	

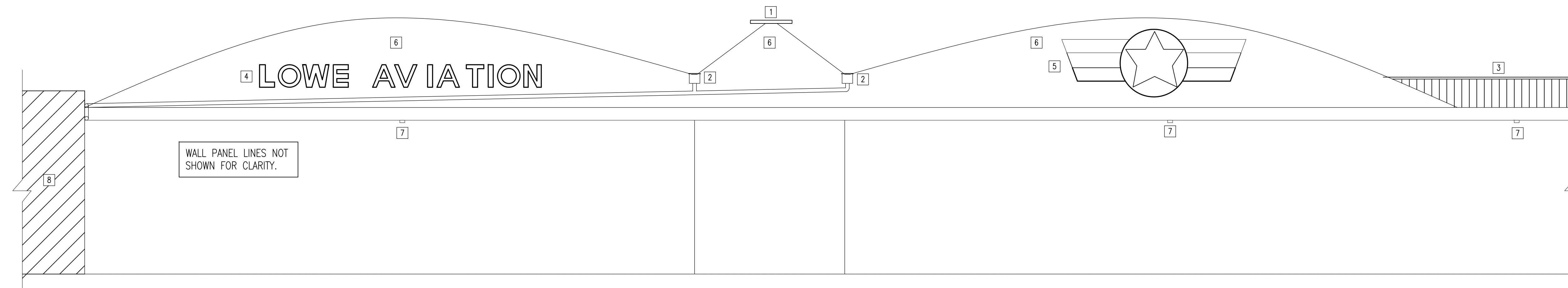
X-1
SHEET 1 OF 11

LEGEND

-  EXISTING BUILDING EDGES
-  EXISTING BROWN PARAPET METAL WALL PANELS
-  EXISTING DOWNSPOUT
-  EXISTING CONDUCTOR HEAD
-  EXISTING STEEL STRUCTURE
-  EXISTING HANGAR DOOR OVERHEAD LIGHT

DEMOLITION NOTES (THIS SHEET ONLY)

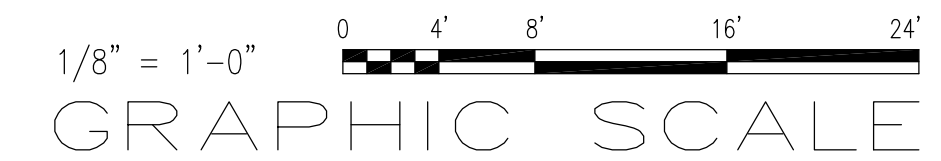
- 1) EXISTING STEEL STRUCTURE TO BE REMOVED.
- 2) EXISTING CONDUCTOR HEAD AND DOWNSPOUT TO BE REMOVED. SEE NEW WORK SHEET R-3 AND R-3.1 FOR INSTALLATION OF NEW CONDUCTOR HEAD AND DOWNSPOUT.
- 3) EXISTING BROWN PARAPET METAL WALL PANELS TO BE REMOVED IN ORDER THAT THE NEW ROOF-TO-WALL FLASHING CAN BE INSTALLED. REMOVE NO MORE WALL PANELS EACH DAY THAN CAN BE RE-INSTALLED THAT DAY OVER THE NEW ROOF-TO-WALL FLASHING.
- 4) EXISTING LOWE AVIATION WORDING TO BE REMOVED. SEE NEW WORK SHEET R-3.1 FOR INSTALLATION OF NEW LOWE AVIATION WORDING.
- 5) EXISTING EMBLEM TO BE REMOVED AND TEMPORARILY STORED UNTIL SUBSEQUENT REINSTALLATION IN THE NEW WORK PHASE.
- 6) EXISTING WALL PANELS TO BE TEMPORARILY REMOVED IN ORDER THAT THE NEW ROOF-TO-WALL FLASHING CAN BE INSTALLED. REMOVE NO MORE WALL PANELS EACH DAY THAN CAN BE RE-INSTALLED THAT DAY OVER THE NEW ROOF-TO-WALL FLASHING.
- 7) EXISTING HANGAR DOOR OVERHEAD LIGHT TO BE REMOVED AND TEMPORARILY STORED UNTIL SUBSEQUENT REINSTALLATION IN THE NEW WORK PHASE.
- 8) NO DEMOLITION TO BE DONE.



GENERAL PROJECT PHASING NOTES:

- 1) ALL BUILDINGS INVOLVED IN THE PROJECT, INCLUDING HANGAR "A" AS WELL AS THE ADJACENT CONNECTED BUILDINGS, SHALL BE KEPT WEATHERTIGHT AT THE END OF EACH WORK DAY.
- 2) NO MORE EXISTING WALL PANELS SHALL BE REMOVED IN A GIVEN DAY THAN CAN BE RE-INSTALLED THAT DAY OVER THE NEW BUILT-IN GUTTERS AND NEW ROOF-TO-WALL FLASHINGS.
- 3) NO EXISTING BUILT-IN GUTTERS SHALL BE REMOVED AND REPLACED UNLESS AND UNTIL SUCH TIME AS THE CONTRACTOR HAS FABRICATED THE NEW BUILT-IN GUTTER AND THE NEW BUILT-IN GUTTER IS PHYSICALLY PRESENT ON THE ROOF AND IS READY, IN ALL RESPECTS, TO BE INSTALLED.

DEMOLITION ELEVATION – SOUTH
SCALE: 1/8"=1'-0"



DATE	REVISIONS



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DEMOLITION ELEVATION PLAN
RETROFIT ROOF, HANGAR A
2178 FLIGHTLINE AVE
MACON, GEORGIA

Drawn By RICHARDSON
Checked By MEC
Date 11/03/2020
Job No. 2020-59
Drawing Number

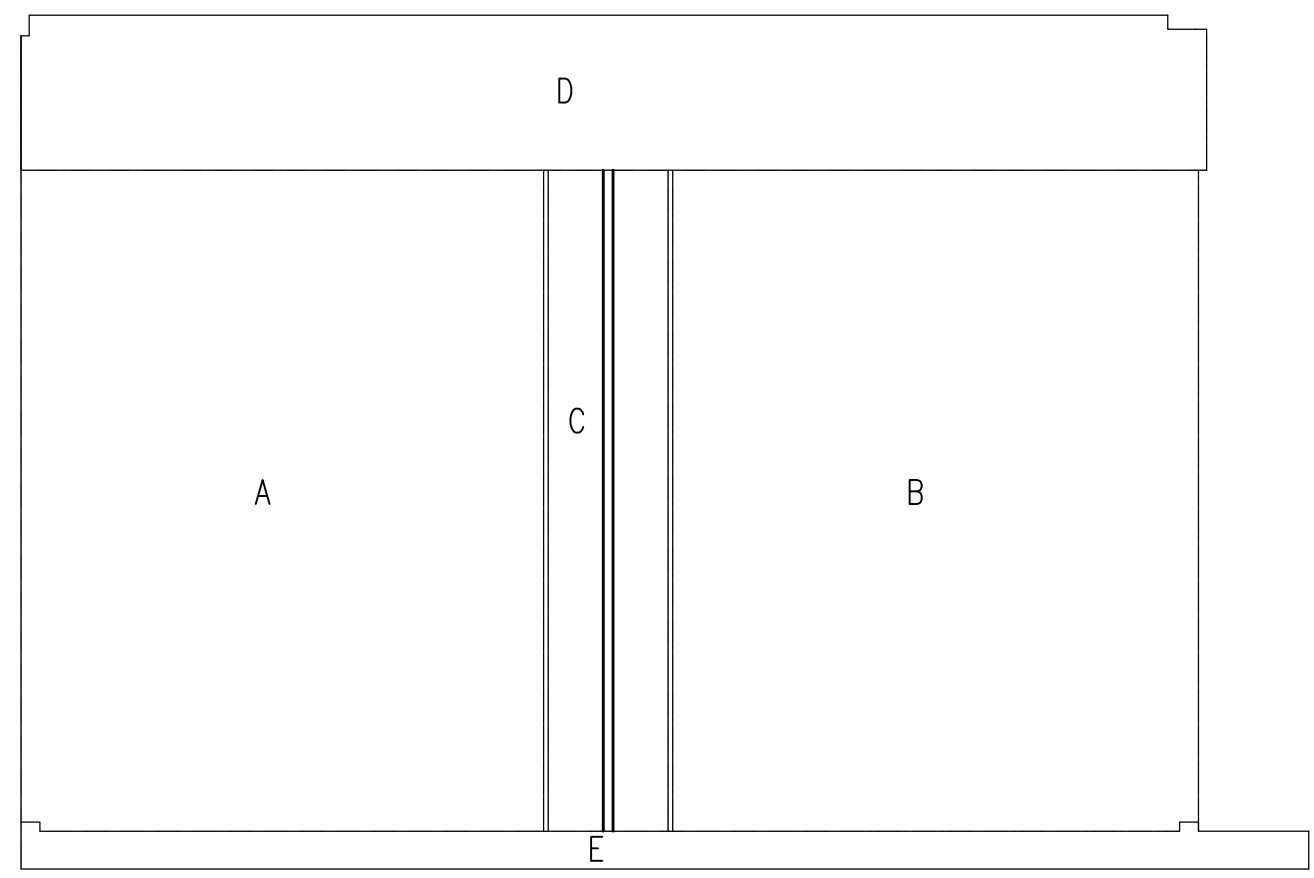
R-1.1
SHEET 3 OF 11

NEW ROOF SYSTEM CONTRACTOR CERTIFICATION REQUIREMENTS (BY APPROVED MANUFACTURER)	
APPROVED MANUFACTURER:	CONTRACTOR CERTIFICATION LEVEL:
IB ROOF SYSTEMS	PRO CONTRACTOR OR ABOVE
MULE HIDE	APPROVED CONTRACTOR OR ABOVE
VERSICO	CERTIFIED INSTALLER W/ GOLD MEDAL AWARD WINNER
GAF	MASTER CONTRACTOR OR ABOVE
SIKA SARNAFIL	ALLIANCE LEVEL
CARLISLE	CENTURION OR HALL OF FAME
JOHNS-MANVILLE	SUMMIT CLUB LEVEL
DURO-LAST	MASTER CONTRACTOR
FIBER TITE	GOLD CONTRACTOR

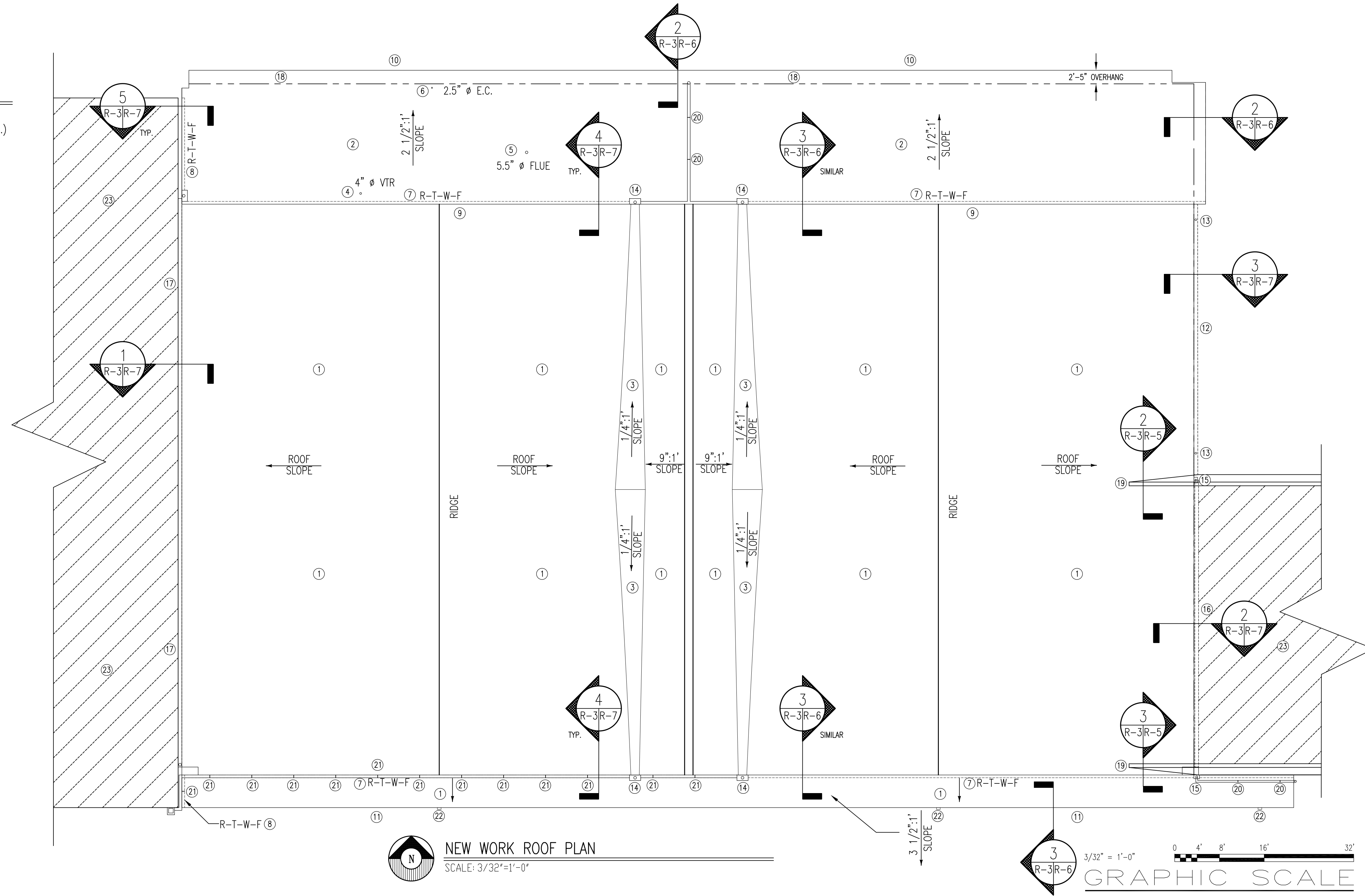
NEW WORK NOTES (THIS SHEET ONLY)

- ① NEW 60 MIL WHITE PVC ROOF SYSTEM TO BE FULLY ADHERED OVER A MECHANICALLY FASTENED 5/8" DENSDECK PRIME COVER BOARD OVER EXISTING CORRUGATED METAL ROOF PANELS.
- ② NEW 60 MIL WHITE PVC ROOF SYSTEM TO BE FULLY ADHERED OVER A MECHANICALLY FASTENED 5/8" DENSDECK PRIME COVER BOARD OVER EXISTING CORRUGATED METAL ROOF PANELS. EXISTING ROOF PANELS TO RECEIVE NEW BEVEL CUT POLYISOCYANURATE INSULATION FLUTE FILL.
- ③ NEW 1/4":1' TAPERED ISOCYANURATE INSULATION TO FILL EXISTING VALLEY GUTTERS. SLOPE TO DRAIN WATER TO NORTH AND SOUTH ENDS OF ROOF.
- ④ RE-FLASHED PLUMBING VENT THRU ROOF (VTR) LOCATION. SEE DETAIL 1 ON SHEET R-6.
- ⑤ RE-FLASHED 5.5" Ø FLUE STACK LOCATION. SEE DETAIL 4 ON SHEET R-6.
- ⑥ EXISTING 2.5" Ø ELECTRICAL CONDUIT TO RECEIVE NEW ROUND PENETRATION FLASHING. SEE DETAIL 1 ON SHEET R-6.
- ⑦ NEW HIGH SIDE EAVE/ROOF-TO-WALL FLASHING (R-T-W-F) CONDITION (TYP.). SEE DETAIL 4 ON SHEET R-7.
- ⑧ NEW RAKE/ROOF-TO-WALL FLASHING (R-T-W-F) CONDITION (TYP.). SEE DETAIL 5 ON SHEET R-7.
- ⑨ NEW RAKE TRIM CONDITION (TYP.). SIMILAR TO DETAIL 3 ON SHEET R-6.
- ⑩ NEW EAVE CONDITION. SEE DETAIL 2 ON SHEET R-6.
- ⑪ NEW EAVE CONDITION. SEE DETAIL 3 ON SHEET R-6.
- ⑫ NEW EAVE CONDITION WITH 6" X 6" GUTTER. SEE DETAIL 3 ON SHEET R-7.
- ⑬ NEW 4" Ø METAL DOWNSPOUT.
- ⑭ NEW 24" X 12" X 24" CONDUCTOR HEAD AND 6" Ø PVC DOWNSPOUT.
- ⑮ NEW 12" X 8" X 12" CONDUCTOR HEAD AND 4" Ø PVC DOWNSPOUT.
- ⑯ NEW 6" X 6" GUTTER WITH 1/8" SLOPE BUILT IN. SEE DETAIL 2 ON SHEET R-7.
- ⑰ NEW 8" X 12.5" GUTTER WITH 1/8" SLOPE BUILT IN. SEE DETAIL 1 ON SHEET R-7.
- ⑱ FORMER LOCATION OF 7" Ø LIGHT POLE REMOVED DURING THE DEMOLITION PHASE (TYP.).
- ⑲ BROWN PARAPET METAL WALL PANELS TO BE RE-INSTALLED AND FLASHED. PARAPET TO RECEIVE NEW COPING CAP (TYP.). SEE DETAILS 1, 2, AND 3 ON SHEET R-5.
- ⑳ NEW MIRO 6-RAH-8 ROLLER BEARING PIPE SUPPORT. PIPE SUPPORT TO BE SPACED AT N.T.E. 7 1/2' ON CENTER (TYP.). SEE DETAIL 1 ON SHEET R-8.
- ㉑ NEW CLEVIS HANGER PIPE SUPPORT. PIPE SUPPORT TO BE SPACED AT N.T.E. 7 1/2' ON CENTER (TYP.) AND SLOPED 1/8". SEE DETAIL 2 ON SHEET R-8.
- ㉒ LIGHTS TO BE RE-INSTALLED.
- ㉓ NO NEW WORK TO BE DONE ON THIS ROOF AREA.

- LEGEND**
- ROOF SLOPE → APPROXIMATE DIRECTION OF EXIST. ROOF SLOPE (BUILT INTO STRUCTURE U.N.O.)
 - NEW ROOF EDGES AND RIDGES
 - - - - EXISTING EXTERIOR WALL LINES
 - == == == NEW GUTTER
 - 7" Ø LIGHT POLE RE-FLASHED 7" Ø LIGHT POLE
 - 4" Ø VTR RE-FLASHED 4" Ø VTR
 - 5.5" Ø CAPPED FLUE RE-FLASHED 5.5" Ø FLUE VENT
 - 2.5" Ø E.C. RE-FLASHED 2.5" Ø ELECTRICAL CONDUIT
 - NEW 24" X 12" X 24" CONDUCTOR HEAD WITH 6" Ø PVC DOWNSPOUT
 - NEW 12" X 8" X 12" CONDUCTOR HEAD WITH 4" Ø PVC DOWNSPOUT
 - R-T-W-F - ROOF-TO-WALL FLASHING



KEY ROOF PLAN - HANGAR A
SCALE: NONE



NEW WORK ROOF PLAN
SCALE: 3/32"=1'-0"



DATE	REVISIONS






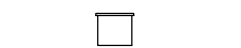



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NEW WORK ROOF PLAN
RETROFIT ROOF, HANGAR A
2178 FLIGHTLINE AVE
MACON, GEORGIA

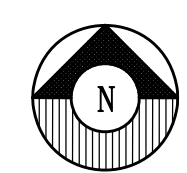
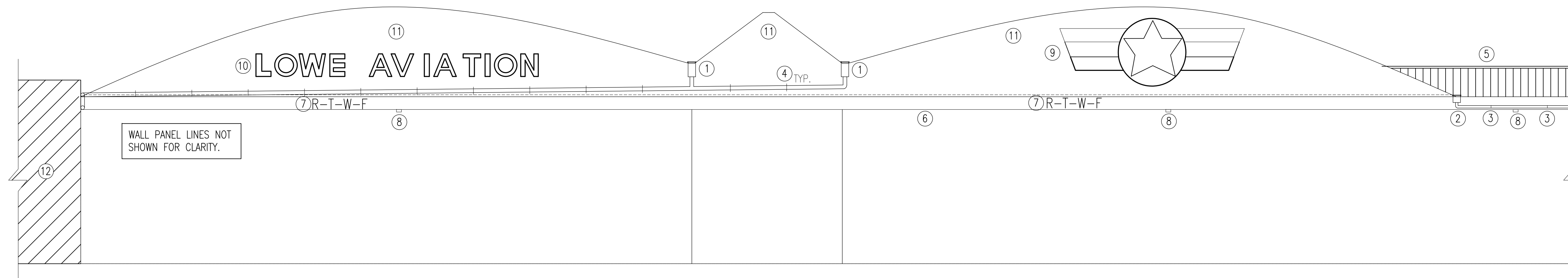
Drawn By: RICHARDSON
Checked By: MEC
Date: 11/03/2020
Job No: 2020-59
Drawing Number:

LEGEND

-  EXISTING BUILDING EDGES
-  RE-INSTALLED BROWN PARAPET METAL WALL PANELS
-  NEW HORIZONTAL DOWNSPOUT
-  NEW CONDUCTOR HEAD
-  NEW CLEVIS HANGER SUPPORT
-  RE-INSTALLED HANGAR DOOR OVERHEAD LIGHT
-  NEW MIRO SUPPORT

NEW WORK NOTES (THIS SHEET ONLY)

- ① NEW 24" x 12" x 24" CONDUCTOR HEAD AND 6"Ø PVC DOWNSPOUT.
- ② NEW 12" x 8" x 12" CONDUCTOR HEAD AND 4"Ø PVC DOWNSPOUT.
- ③ NEW MIRO 6-RAH-8 ROLLER BEARING PIPE SUPPORT. PIPE SUPPORT TO BE SPACED AT N.T.E. 7 1/2'. SEE DETAIL 2 ON SHEET R-8.
- ④ NEW CLEVIS HANGER PIPE SUPPORT. PIPE SUPPORT TO BE SPACED AT N.T.E. 7 1/2' AND SLOPED 1/8". SEE DETAIL 2 ON SHEET R-8.
- ⑤ BROWN PARAPET METAL WALL PANELS TO BE RE-INSTALLED AND FLASHED. PARAPET TO RECEIVE NEW METAL COPING CAP (TYP.). SEE DETAILS 1, 2, AND 3 ON SHEET R-5.
- ⑥ NEW EAVE CONDITION. SEE DETAIL 3 ON SHEET R-6.
- ⑦ NEW HIGH SIDE EAVE/ROOF-TO-WALL FLASHING (R-T-W-F) CONDITION. SEE DETAIL 1 ON SHEET R-6.
- ⑧ HANGAR DOOR OVERHEAD LIGHT TO BE RE-INSTALLED.
- ⑨ EMBLEM TO BE RE-INSTALLED.
- ⑩ INSTALL NEW LOWE AVATION LETTERING. OVERALL 36" HIGH, 1/4" THICK SOLID ALUMINUM CUT LETTERING WITH BAKED-ON LIGHT BLUE PAINT FINISH. BASIS OF DESIGN: IMPACT SIGNS. [HTTPS://WWW.IMPACTSIGNS.COM/CUT-ALUMINUM-LETTERS/](https://www.impactsigns.com/cut-aluminum-letters/)
- ⑪ RE-INSTALL WALL PANELS.
- ⑫ NO NEW WORK TO BE DONE.



NEW WORK ELEVATION - SOUTH
SCALE: 1/8"=1'-0"

DATE	REVISIONS



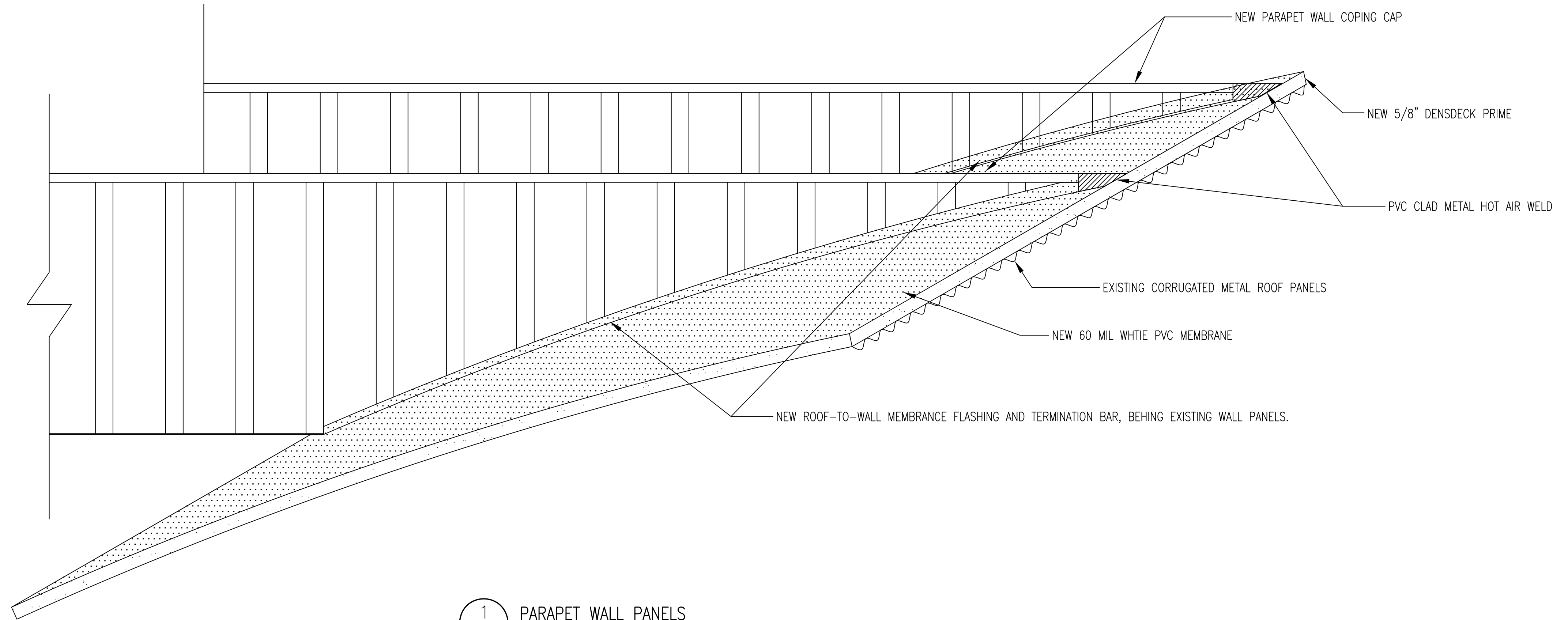
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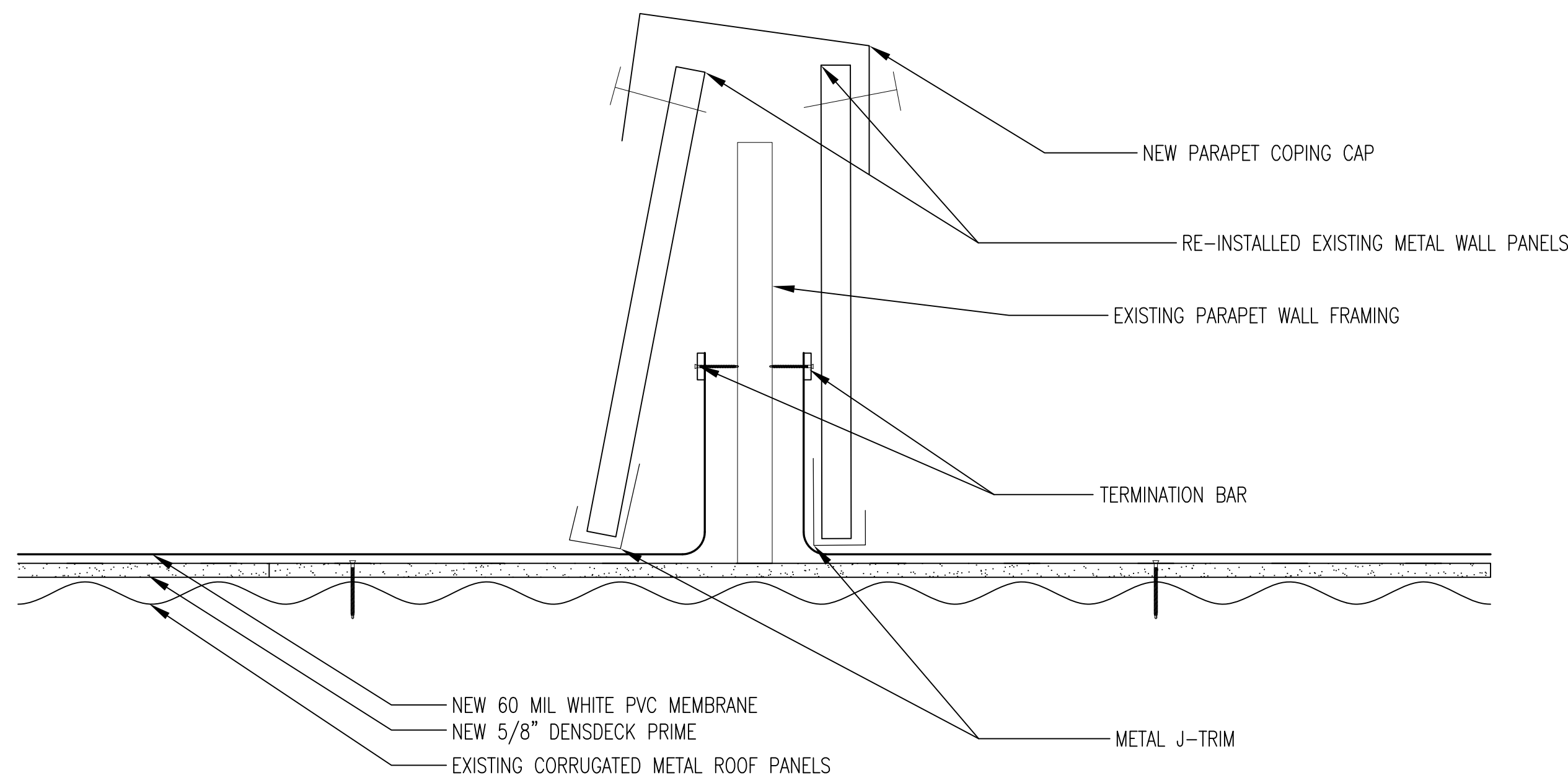
NEW WORK ELEVATION PLAN
RETROFIT ROOF, HANGAR A
2178 FLIGHTLINE AVE
MACON, GEORGIA

Drawn By RICHARDSON
Checked By MEC
Date 11/03/2020
Job No. 2020-59
Drawing Number

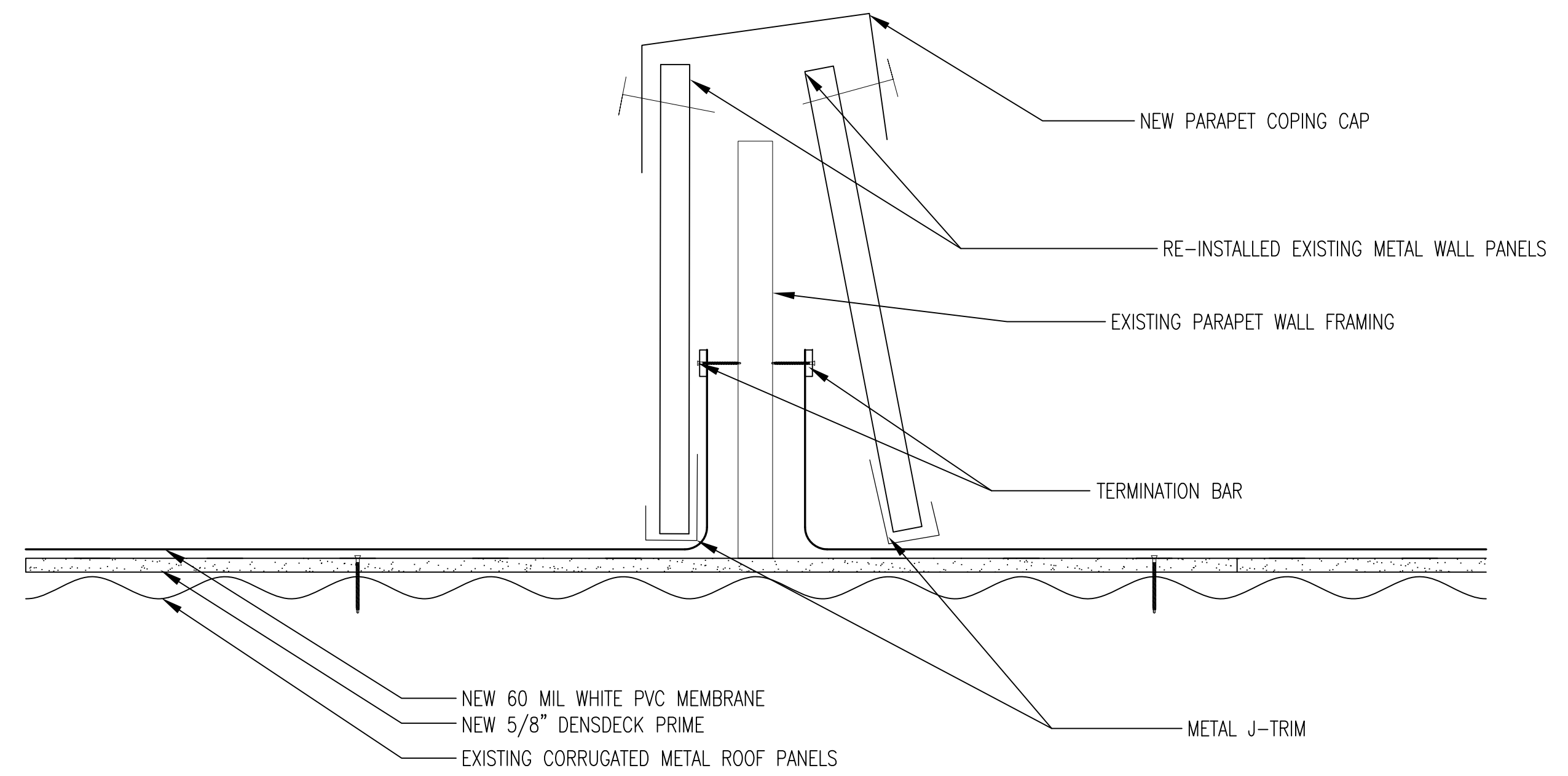
R-3.1
SHEET 6 OF 11



1 PARAPET WALL PANELS
 SCALE: NONE

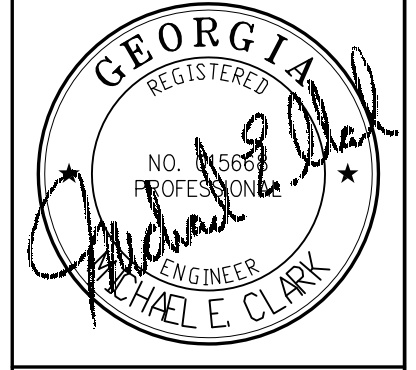


2 SECTION THRU PARAPET WALL PANELS (TYP.)
 SCALE: NONE



3 SECTION THRU PARAPET WALL PANELS (TYP.)
 SCALE: NONE

DATE	REVISIONS

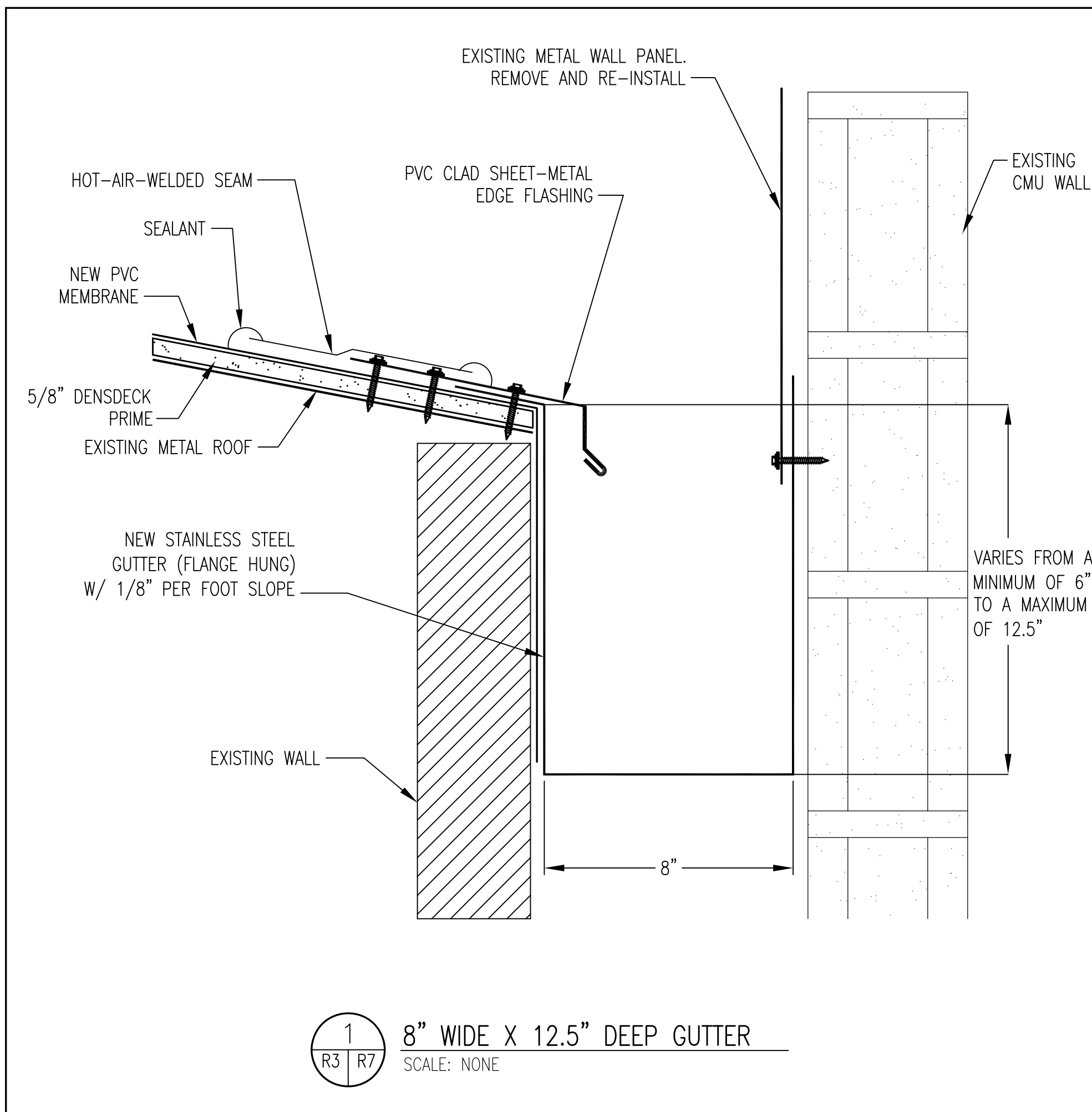


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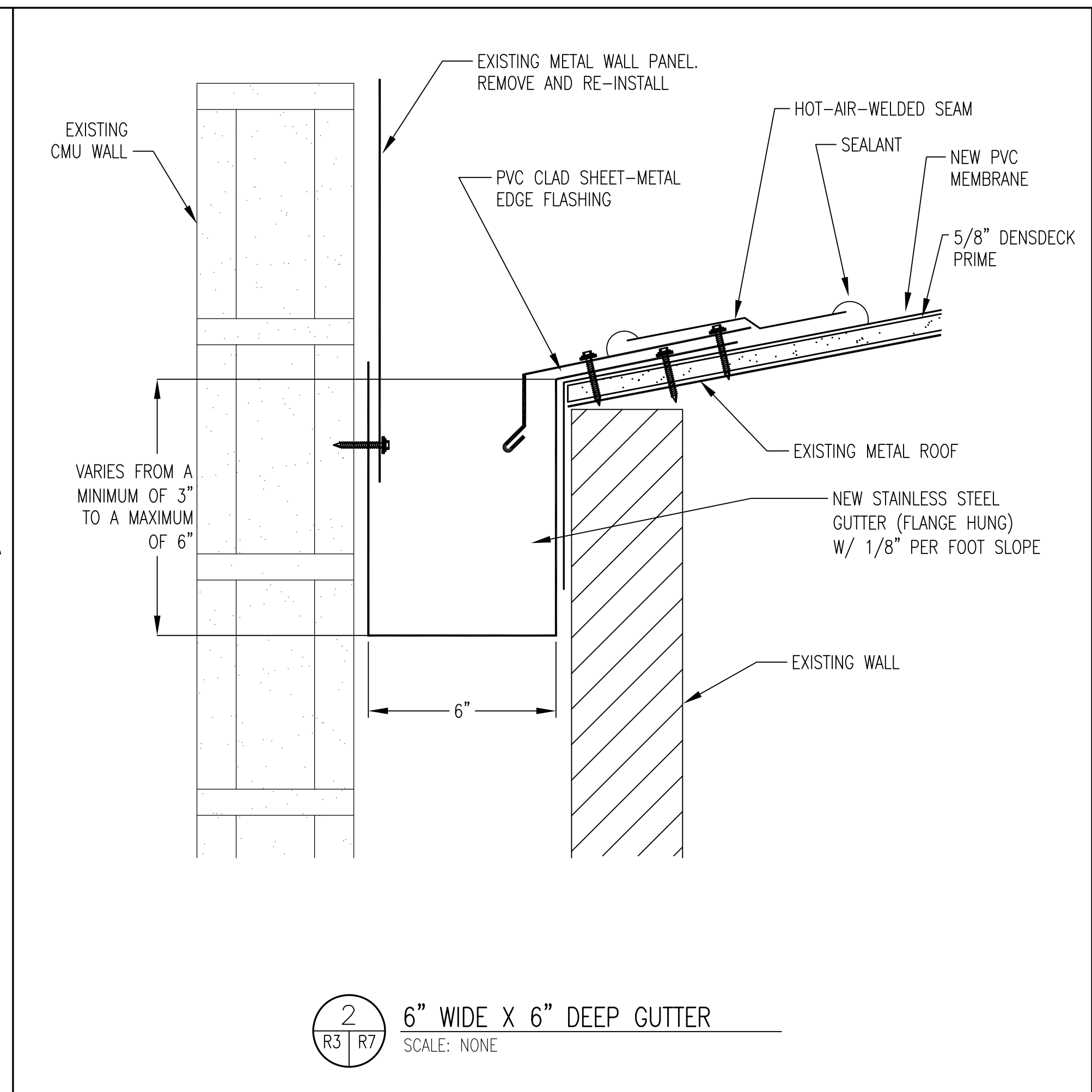
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NEW WORK DETAILS
 RETROFIT ROOF, HANGAR A
 2178 FLIGHTLINE AVE
 MACON, GEORGIA

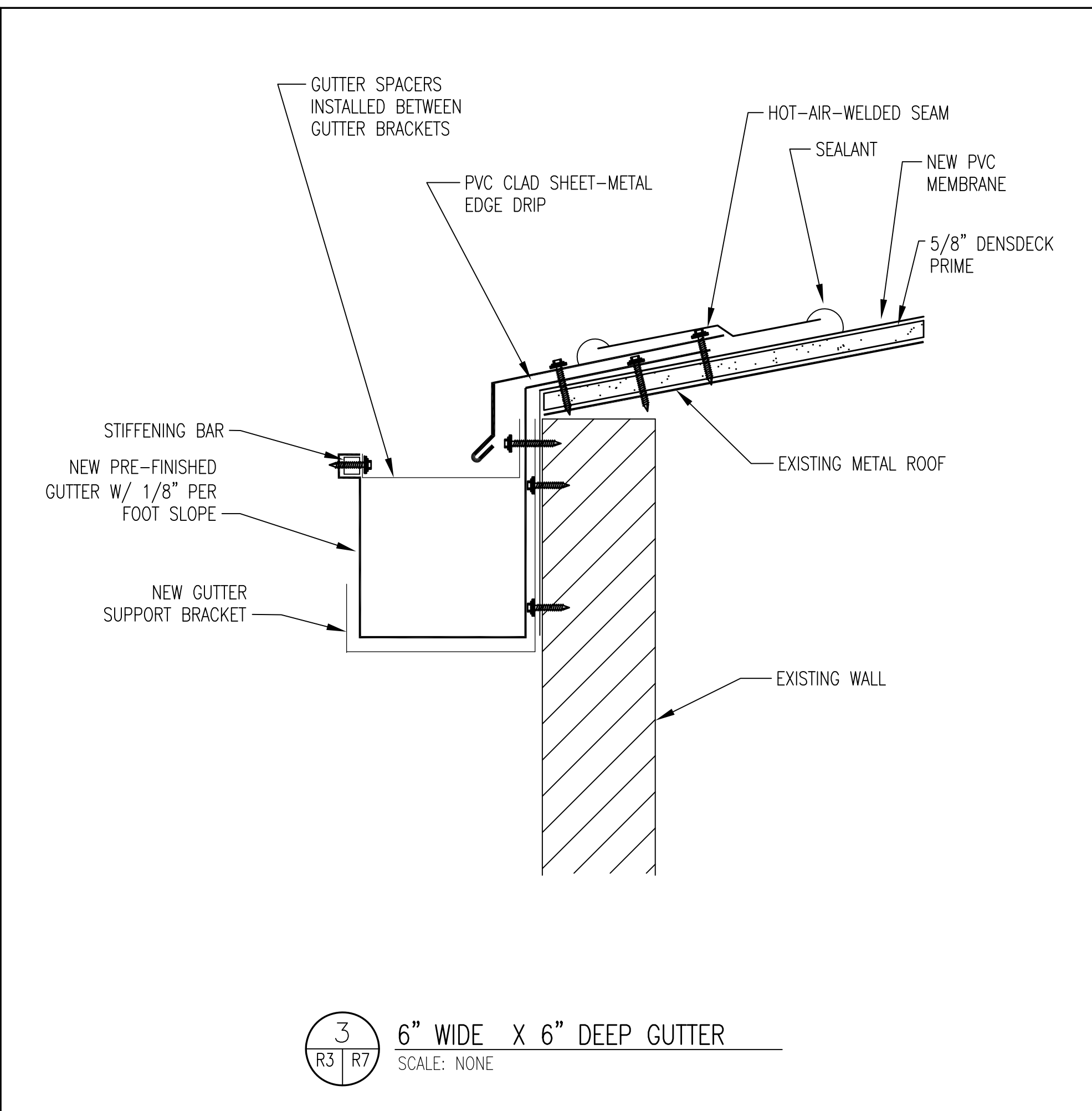
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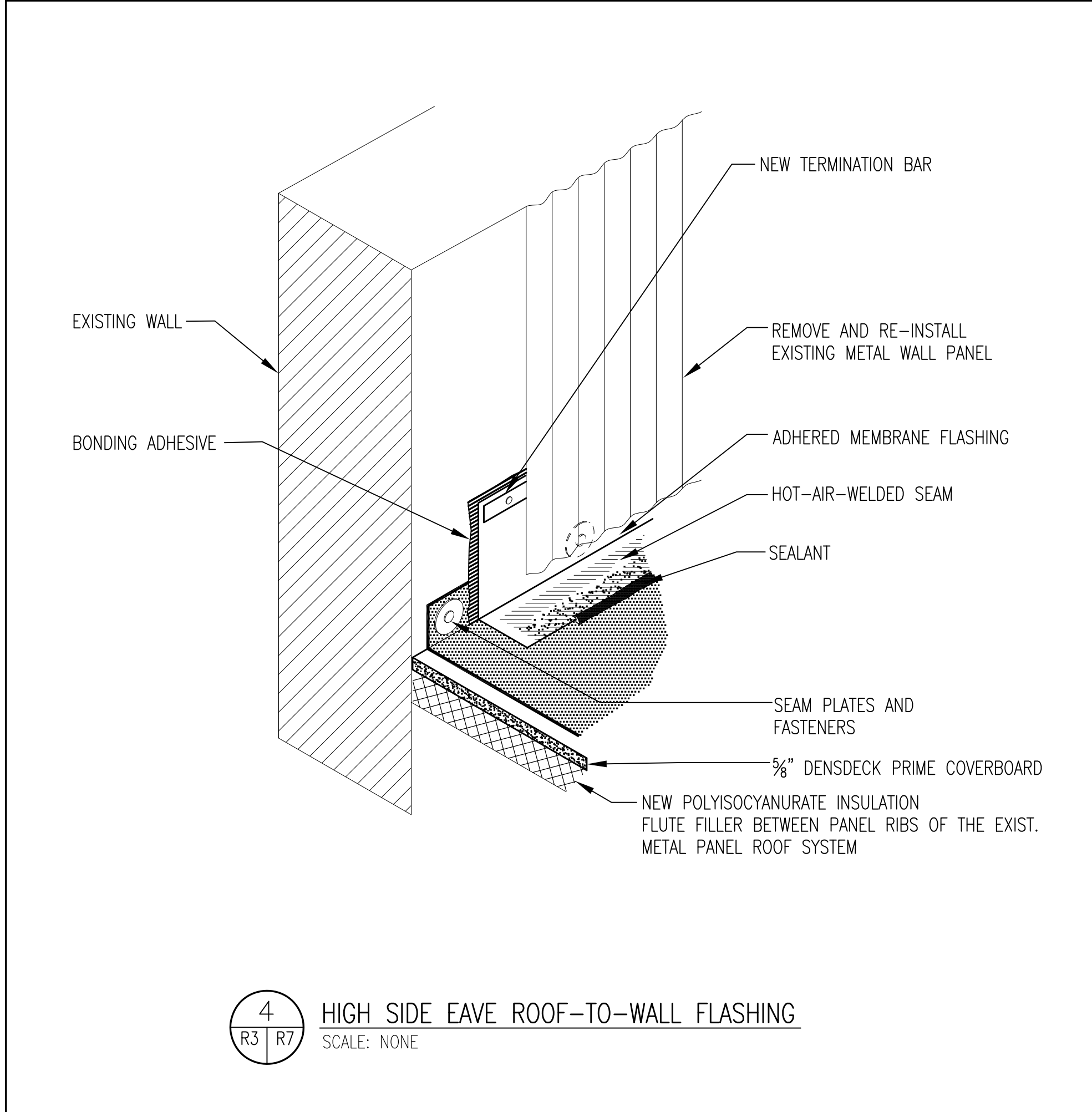
1 8" WIDE X 12.5" DEEP GUTTER
SCALE: NONE



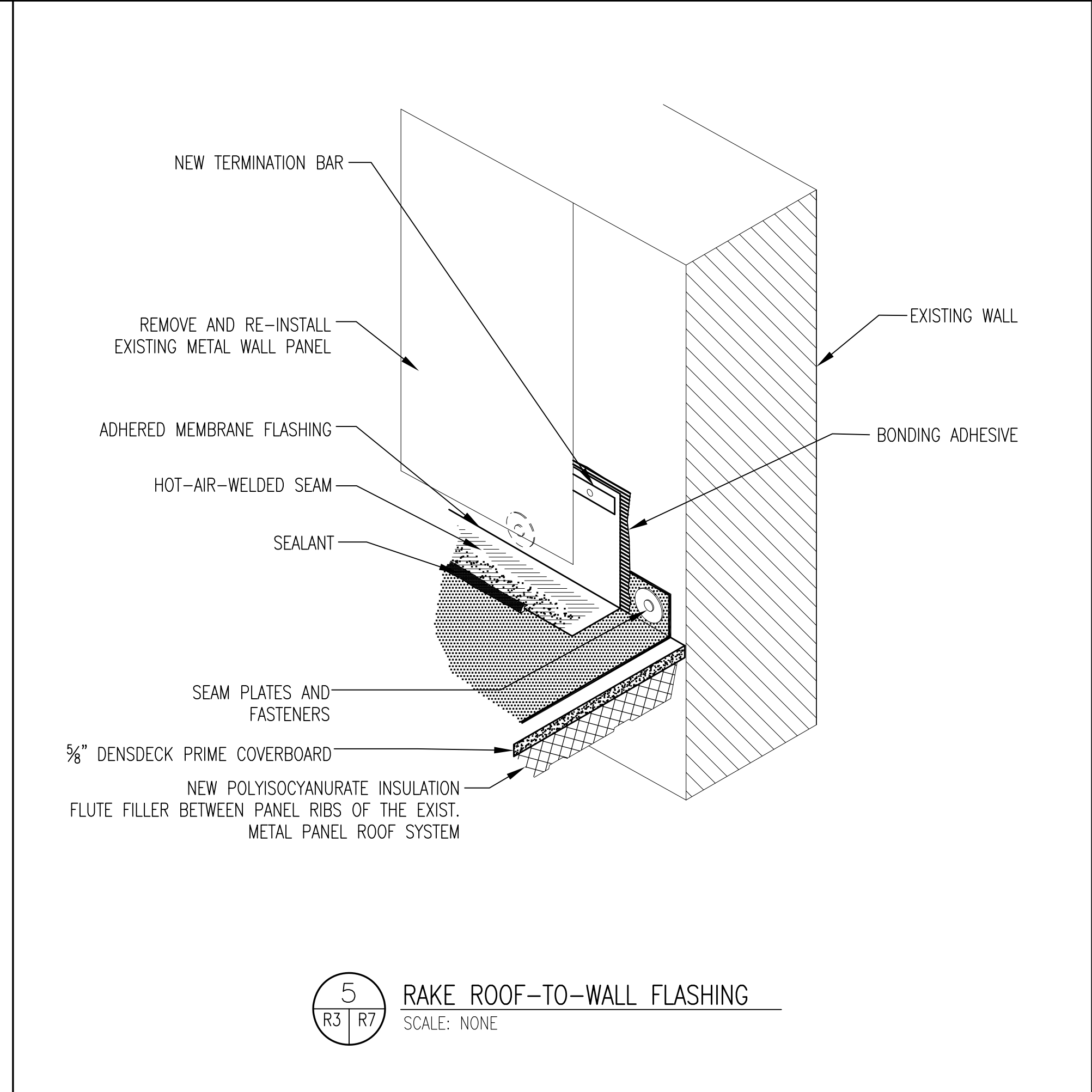
2 6" WIDE X 6" DEEP GUTTER
SCALE: NONE



3 6" WIDE X 6" DEEP GUTTER
SCALE: NONE

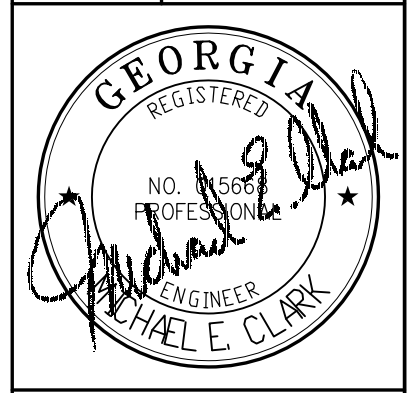


4 HIGH SIDE EAVE ROOF-TO-WALL FLASHING
SCALE: NONE



5 RAKE ROOF-TO-WALL FLASHING
SCALE: NONE

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NEW WORK DETAILS
RETROFIT ROOF, HANGAR A
2178 FLIGHTLINE AVE
MACON, GEORGIA

Drawn By	GJ
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Date	11/03/2020
Job No.	2020-59
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