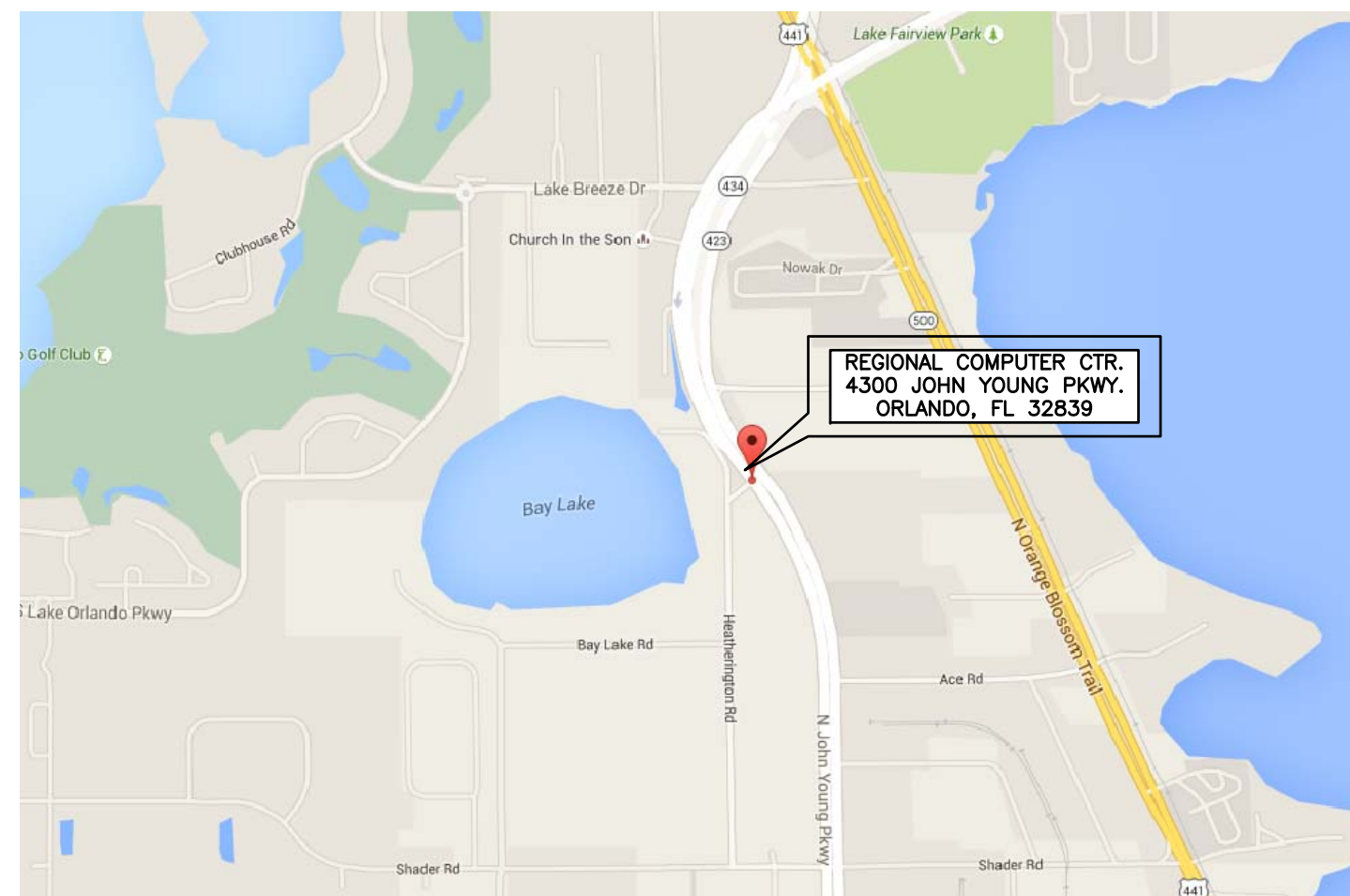


ROOF REPLACEMENT OF:
**ORANGE COUNTY REGIONAL
 COMPUTER CENTER**

4300 JOHN YOUNG PARKWAY
 ORLANDO, FL 32839

FOR:
 CAPITOL PROJECTS DIVISION
 400 EAST SOUTH STREET, 5TH FL.
 ORLANDO, FL 32801



 **SITE VICINITY MAP**

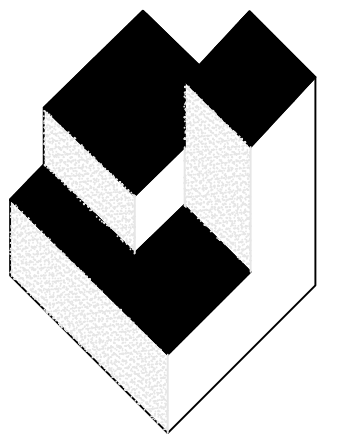


BOARD OF COUNTY COMMISSIONERS

Teresa Jacobs	Orange County Mayor
Scott Boyd	District 1
Bryan Nielson	District 2
Pete Clarke	District 3
Jennifer Thompson	District 4
Ted B. Edwards	District 5
Victoria P. Sippln	District 6

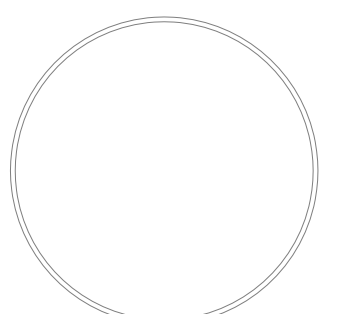
DRAWING INDEX

SHEET NUMBER	SHEET TITLE
T1	COVER SHEET, VICINITY MAP & DRAWING INDEX
A1	ROOF PLAN, PHYSICAL CHARACTERISTICS SCHEDULE, GENERAL NOTES, BUILDING CODE DATA, SYMBOLS LEGEND AND SPECIFIC NOTES



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 Associates
 Incorporated**

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 Construction Technology
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JAMES W. RIPLEY AR-12158

REVISIONS		
NO.	DATE	BY:

COVER SHEET, VICINITY MAP AND DRAWING INDEX

ROOF REPLACEMENT OF:

**REGIONAL COMPUTER CENTER
 4300 JOHN YOUNG PARKWAY, ORLANDO, FL 32839
 ORANGE COUNTY GOVERNMENT**

JOB No.: 14073.01
 DRAWN BY: TG
 CHECKED BY: JWR
 DATE: 09/11/15
 SCALE: 1=1
 PLOT SCALE: AS NOTED

T1

SHEET No.: 14073.01

PHYSICAL CHARACTERISTICS SCHEDULE

ROOF AREA	SQ. FT.	EXISTING STRUCTURAL DECK TYPE	ESTIMATED SLOPE		ROOFING TYPE		INSULATION		FLASHING METAL	
			EXISTING	PROPOSED	EXISTING	PROPOSED	EXISTING	PROPOSED	EXISTING	PROPOSED
A	16,320	METAL PANEL ROOF	VARIES	-	METAL PANEL	METAL PANEL	1/2" MIN. BD. / 2 3/4" POLYSTYRENE	GYP. BD. / 2" ISO. BD. / EXIST. INSULATION	ALUMINUM	ALUMINUM
TOTAL		16,320 SQ. FT. OF METAL PANEL ROOF AREA								

NOTE: THE AREAS PROVIDED REPRESENT FLAT ROOF AREA AS DETERMINED FROM THIS ROOF PLAN. NO ADJUSTMENT HAS BEEN MADE FOR FLASHINGS SLOPE OR OTHER ROOF PENETRATIONS THAT REQUIRES ADDITIONAL ROOF MEMBRANE. THE INFORMATION IS PROVIDED TO THE CONTRACTOR FOR HIS USE.

ALL EXISTING CONDITIONS MUST BE FIELD VERIFIED

SPECIFIC NOTES

1. ABANDON EXIST. LIGHTNING PROTECTION SYSTEM BELOW STRUCTURAL DECK. INSTALL NEW LIGHTNING PROTECTION SYSTEM ABOVE ROOF DECK AND CLAMP TO STANDING SEAM. ROUTE THROUGH NEW CURBS AT DECK TO EXISTING DOWNLEADS ALONG CORNERS. SEE DETAILS (6.02) & (3.01).
2. REMOVE AIR TERMINAL FROM ROOF PENETRATION. RELOCATE ON NEW ALUMINUM "POINT" BASES ALONG STANDING SEAM ROOF NEAR EXISTING LOCATIONS. ROUTE NEW SYSTEM AS REQUIRED.
3. EXISTING DOWNSPOUTS TO REMAIN. REPAIR OR REPLACE ANY DAMAGED OR DETERIORATED SECTIONS, CLAMPS, BRACKETS OR STORMWATER BOOT FLASHINGS AS REQUIRED. COORDINATE WITH OLINER OR ARCHITECT'S REP ON-SITE.
4. REMOVE EXISTING ANTENNA AND REMOUNT ON WALL SUPPORT BRACKET PER DETAIL NOTED. COORDINATE ON-SITE WITH OWNER.
5. EXISTING GUTTER TO REMAIN. CLEAN AND REPAIR AS REQUIRED. RESECURE AND/OR REPLACE MISSING BRACKETS AS REQUIRED.
6. CONSTRUCT AN AREA DIVIDER ALONG BARREL VAULT VALLEY. SEE FABRICATION DETAILS (3.01) & (3.02).

GENERAL NOTES

1. THE DIMENSIONS SHOWN ON THE ROOF PLANS OF THIS PROJECT WERE TAKEN FROM THE OWNER'S ARCHITECTURAL DOCUMENTS OR ARE THE RESULT OF FIELD MEASUREMENTS TAKEN BY A/R/C ASSOCIATES. THIS INFORMATION IS GIVEN TO ASSIST PROSPECTIVE BIDDERS IN ESTABLISHING THE APPROXIMATE SCOPE OF THE PROJECT, AS A PRE-REQUISITE FOR BIDDING THE PROJECT. HOWEVER, ALL DIMENSIONS SHALL BE FIELD VERIFIED BY EACH BIDDER SO THAT THE DIMENSIONS UTILIZED IN BIDDING THE PROJECT WILL BE THOSE DIMENSIONS TAKEN, CONFIRMED OR CORRECTED BY THE BIDDER. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, DETAILS, AND EQUIPMENT NOTED AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK.
2. THE REROOFING PLAN IS GENERAL IN NATURE AND INDICATES APPROXIMATE EXISTING CONDITIONS AT THE PROJECT SITE. ALL BUILDINGS ON THE SITE ARE INCLUDED IN THE PROJECT UNLESS SPECIFICALLY NOTED OTHERWISE (N.I.C.). THE CONTRACTOR SHALL BE RESPONSIBLE FOR A VISUAL FIELD SURVEY (PRIOR TO BID) IN REGARD TO QUANTITIES, AND VERIFICATION OF GENERAL CONFORMANCE WITH THE LOCAL BUILDING CODE.
3. PRIOR TO THE START OF ANY WORK, THE CONTRACTOR WITH THE PROJECT ARCHITECT AND OWNER'S REPRESENTATIVE SHALL VISIT THE SITE AND PHOTO AND VIDEO TAPE THE ROOF AND ALL SPACES UNDERNEATH THAT MAY BE AFFECTED BY THIS ROOFING PROJECT IN ORDER TO DETERMINE THE CONTRACTOR'S RESPONSIBILITY IN KEEPING THOSE ITEMS IN THEIR CURRENT STATUS. SPECIAL ATTENTION SHALL BE GIVEN TO CEILING TILES, EXISTING LIGHT FIXTURES, EXTERIOR AND INTERIOR WALL FINISHES, AND SIDEWALKS, ETC. PARTICULARLY IN THOSE AREAS WHERE EXISTING LEAKS ARE PRESENT.
5. CONTRACTOR SHALL EXERCISE CARE DURING DEMOLITION AND REMOVAL TO ASSURE THAT ITEMS SCHEDULED FOR DEMOLITION ARE PROPERLY REMOVED AND ITEMS TO REMAIN AND/OR TO BE RELOCATED ARE PROTECTED FROM DAMAGE. ALL SALVAGEABLE ITEMS REMOVED THAT ARE NOT TO BE REUSED SHALL BE DISPOSED OF AS DIRECTED BY THE OWNER.
6. NO EXISTING FACILITY SHALL BE OCCUPIED DURING REMODELING OR RENOVATION UNLESS ALL EXISTING EXITS AND ANY EXISTING FIRE PROTECTION ARE CONTINUOUSLY MAINTAINED, OR IN LIEU THEREOF OTHER MEASURES ARE TAKEN WHICH PROVIDE EQUIVALENT SAFETY.
7. VERIFY LOCATIONS OF ALL ROOFTOP EQUIPMENT AND ROOF PENETRATIONS SO AS TO AVOID CONFLICT WITH ROOF EDGES, AND OTHER PENETRATIONS. RELOCATE ANY SUCH EQUIPMENT OR ROOF PENETRATIONS A MINIMUM OF TWO FEET AWAY FROM OTHER ROOFTOP EQUIPMENT, ROOF EDGES OR OTHER PENETRATIONS SO AS TO ELIMINATE THIS CONFLICT.
8. CONTRACTOR SHALL NOT USE ANY HEAVY MACHINERY ON THE ROOF (BOBCATS, ETC.)
9. REMOVE PITCH PANS AND/OR SECTIONS OF CONDUITS PROTRUDING FROM THE ROOF. VERIFY IF CONDUIT WIRING IS ELECTRIFIED PRIOR TO CUTTING. ALL LOOSE CABLES FOUND ON THE ROOF ARE TO BE PLACED IN CONDUIT. CONDUIT, CABLES, DUCTWORK AND PIPING, MAY NOT BE SHOWN FOR THE PURPOSE OF CLARITY. VERIFY THOSE CONDITIONS PRIOR TO BIDDING.
10. REMOVE AND INFILL AS NECESSARY ANY, AND ALL SMALL ROOF PENETRATIONS WHICH HAVE BEEN ABANDONED, SUCH AS SMALL CONDUITS, MEMBRANE VENTS, ETC. NOT ALL OF THESE ARE SHOWN ON THE DRAWINGS.
11. IN THE EVENT OF WATER DAMAGE TO THE INTERIOR OF STRUCTURES, A DAMAGE REPORT WITH PHOTOGRAPHS SHALL BE COMPLETED BY THE PROJECT ARCHITECT. THE REPORT SHALL BE SUBMITTED TO THE OWNER AND THE CONTRACTOR FOR THEIR RECORDS.
12. NOTIFY THE LOCAL POLICE OFFICIALS, THE OWNER OR ARCHITECT BY TELEPHONE IN EACH INSTANCE OF PROPERTY DAMAGE RESULTING FROM FIRE, WATER DAMAGE, ILLEGAL ENTRY, VANDALISM, THEFT OR BURGLARY, OR VEHICLE DAMAGE WITHIN 24 HOURS OF DISCOVERING THE INCIDENT.
13. CONTRACTOR SHALL OBTAIN AND SUBMIT TO ARCHITECT, AN UPDATED ROOF SURVEY FOR SLOPED ROOF DECKS AFTER THE REMOVAL OF THE OLD EXISTING ROOF SYSTEM AND PRIOR TO THE INSTALLATION OF THE NEW ROOFING SYSTEM.
14. DETAILS REFERENCED ON THE CONTRACT DRAWINGS ARE 'TYPICAL' AND ARE NOT CUT AT EVERY LOCATION WHERE THE CONDITION OCCURS. BID AND EXECUTE A COMPLETE PROJECT AS IF DETAILS WERE 'CUT' AT EVERY LOCATION WHERE SUCH CONDITION OR SIMILAR CONDITION OCCURS.
15. PERIMETER COPING MAY VARY IN DIMENSIONAL REQUIREMENTS. VERIFY BLOCKING REQUIREMENTS IN EACH ROOF AREA PRIOR TO BIDDING.
16. SHEET METAL DETAILS AND TRANSITIONS NOT SHOWN SHALL BE REQUIRED AS IF SHOWN. PREPARE, AND SUBMIT SHOP DRAWINGS OF THESE REQUIREMENTS TO THE ARCHITECT FOR APPROVAL PRIOR TO SHOP FABRICATION.
17. ALL NEW AND EXISTING ROOF MOUNTED EQUIPMENT, CURBS, PIPE SUPPORTS, WOODWORK AND SHEET METAL WORK SHALL BE SECURED WITH FASTENERS AND/OR STAINLESS STEEL CABLE HOLD-DOWNS TO SAFELY RESIST WIND FORCES AS COMPUTED BY ASCE 7 AS INDICATED WITHIN FL. BLDG. CODE DATA AT LEFT.
18. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR AND PAINTING FINISHES OF ALL SURFACES EXPOSED OR DAMAGED AS A RESULT OF ROOFING REPLACEMENT. WORK NOT COVERED BY NEWLY INSTALLED WORK. REPAIRS AND FINISHES SHALL MATCH EXISTING ADJACENT CONDITIONS TO REMAIN UNCHANGED.
19. CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE, REINSTALL, OR REPLACE ALL CEILING PANELS AND/OR CEILING GRIDS WHICH MAY HAVE BEEN DISTURBED OR DAMAGED IN THE CONSTRUCTION PROCESS.
20. ANY EQUIPMENT, VENTS, CURBS, ETC. FOUND UNDER EXISTING ROOF ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN WRITING FOR PROPER COORDINATION.
21. VERIFY PRECISE LOCATIONS OF EXPANSION JOINTS SHOWN ON THE ROOF PLANS AND ALSO LOCATIONS OF DECK CHANGES FROM THE UNDERSIDE OF DECK. TRANSFER LOCATION OF THESE JOINTS TO THE TOP OF THE ROOF DECK PRIOR TO CONSTRUCTING THE EXPANSION JOINT CURBS. COORDINATE ANY NEW LOCATIONS WITH ARCHITECT.
22. CONTRACTOR SHALL PROVIDE ALL SUPPLEMENTAL MATERIALS REQUIRED TO PROPERLY INSTALL, SUPPORT AND BRACE ALL ITEMS AND COMPONENTS WITHIN THE WORK.

SYMBOL LEGEND

- ROOF EDGE / RIDGE
- - - ROOF BELOW
- ⚡ LIGHTNING PROTECTION
- ⊗ EXIST. SATELLITE DISH
- ⊙ LIGHTNING PROTECTION AIR TERMINAL TO BE REMOVED
- ◇ DOWNLEAD CABLE CURB
- ① DETAIL NUMBER
- ② SPECIFIC NOTE
- ⊙ ROOF AREA IDENTIFICATION

FLORIDA BLDG CODE DATA

(FBC - 5TH EDITION 2014 EDITION / ASCE 7-10)

Risk Category	III
Wind Spd - Ultimate	140 MPH
- Nominal (Actual)	108 MPH
Building Enclosure	PE
Building Exposure	C
Internal Pressure Coefficient	0.55
Mean Roof Height	25.00 FT
Edge / Corner Zone Width	10.0 FT

Ultimate (Factored) Wind Design Pressures

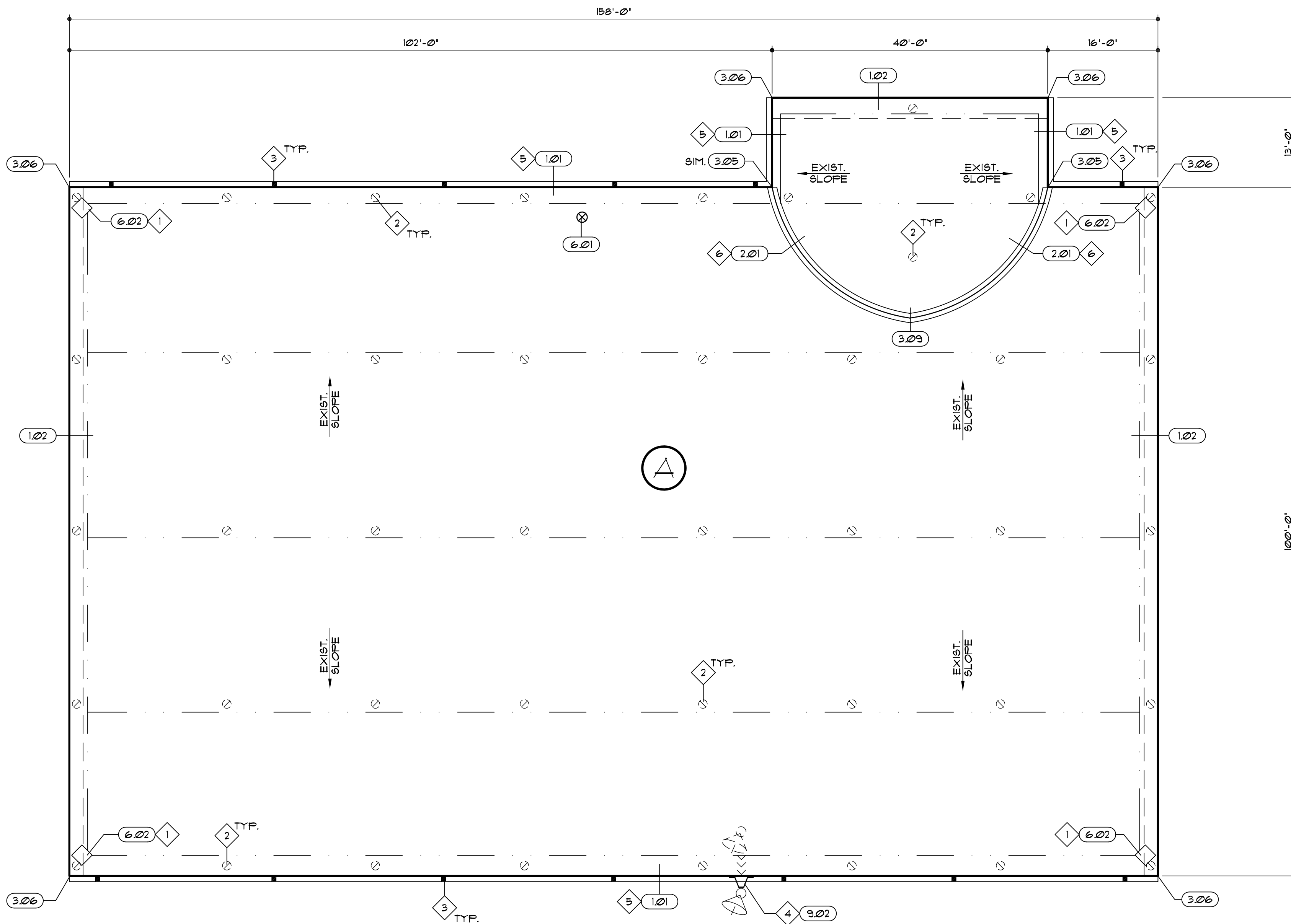
Zone 1 (Field)	69 / -74	PSF
Zone 2 (Edge)	69 / -83	PSF
Zone 3 (Corner)	69 / -83	PSF
Zone 4 (Wall)	74 / -78	PSF
Zone 5 (Corner)	74 / -92	PSF

Actual (Unfactored) Wind Design Pressures

Zone 1 (Field)	41 / -44	PSF
Zone 2 (Edge)	41 / -50	PSF
Zone 3 (Corner)	41 / -50	PSF
Zone 4 (Wall)	44 / -47	PSF
Zone 5 (Corner)	44 / -55	PSF

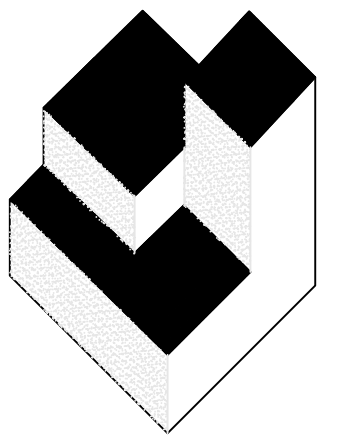
BUILDING CODE NOTES:

1. 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, 5th edition (2014) as defined above.
2. 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, 5th edition (2014). 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.
3. 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.

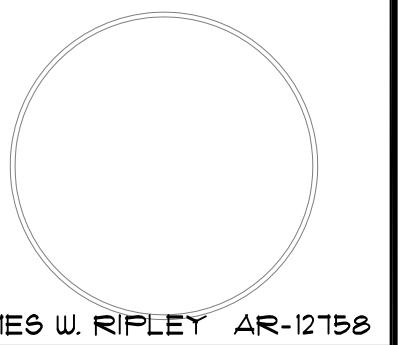


ROOF PLAN
SCALE: 3/32" = 1'-0"

ROOF PLAN, PHYSICAL CHARACTERISTICS SCHEDULE, GENERAL NOTES, BUILDING CODE DATA, SYMBOLS LEGEND AND SPECIFIC NOTES



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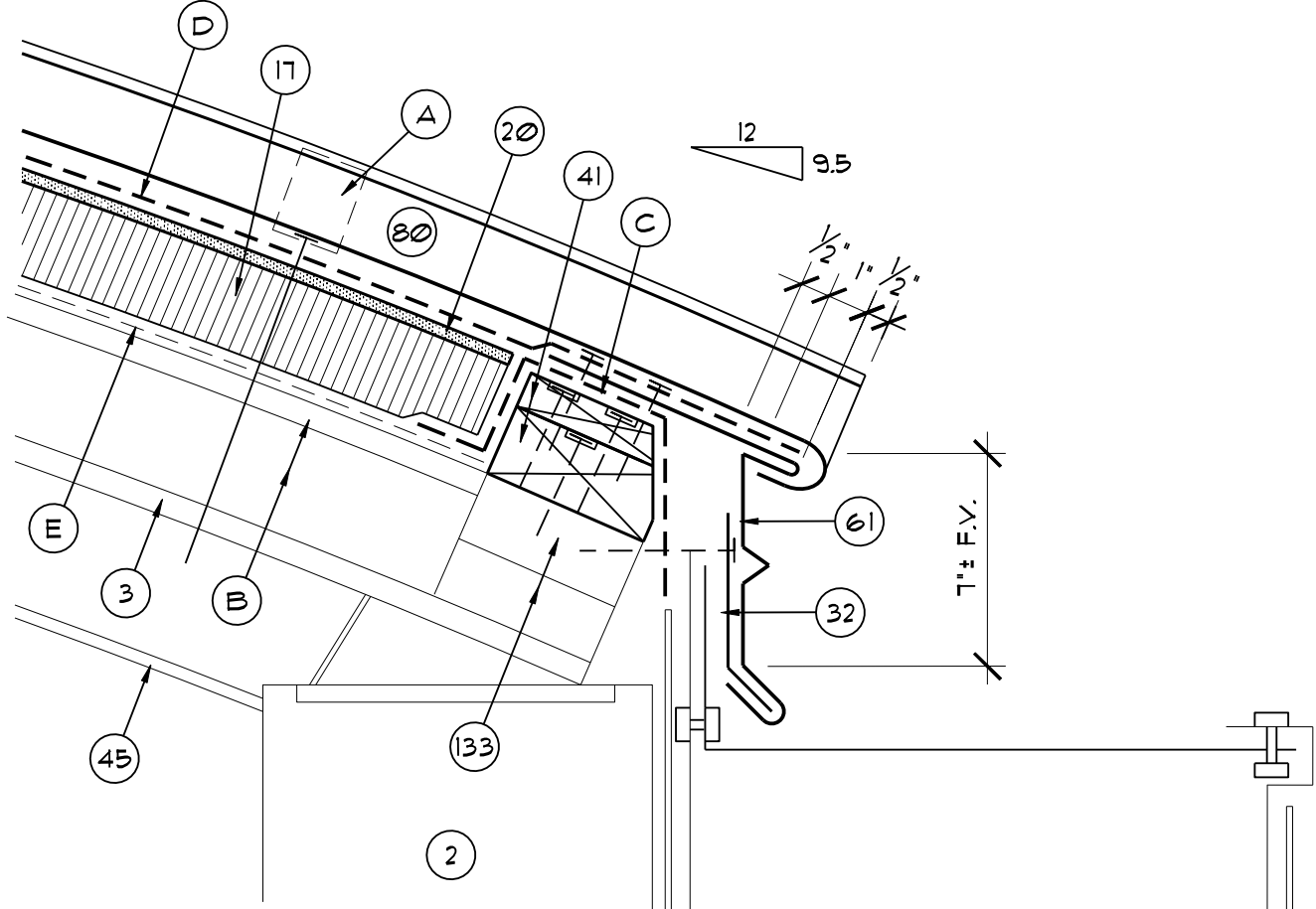
REVISIONS

NO.	DATE	BY:

ROOF REPLACEMENT OF:
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4300 JOHN YOUNG PARKWAY, ORLANDO, FL 32839
ORANGE COUNTY GOVERNMENT

JOB NO.: 14073.01
DRAWN BY: TG
CHECKED BY: JWR
DATE: 09/11/15
SCALE: 1=1
PLOT SCALE: AS NOTED

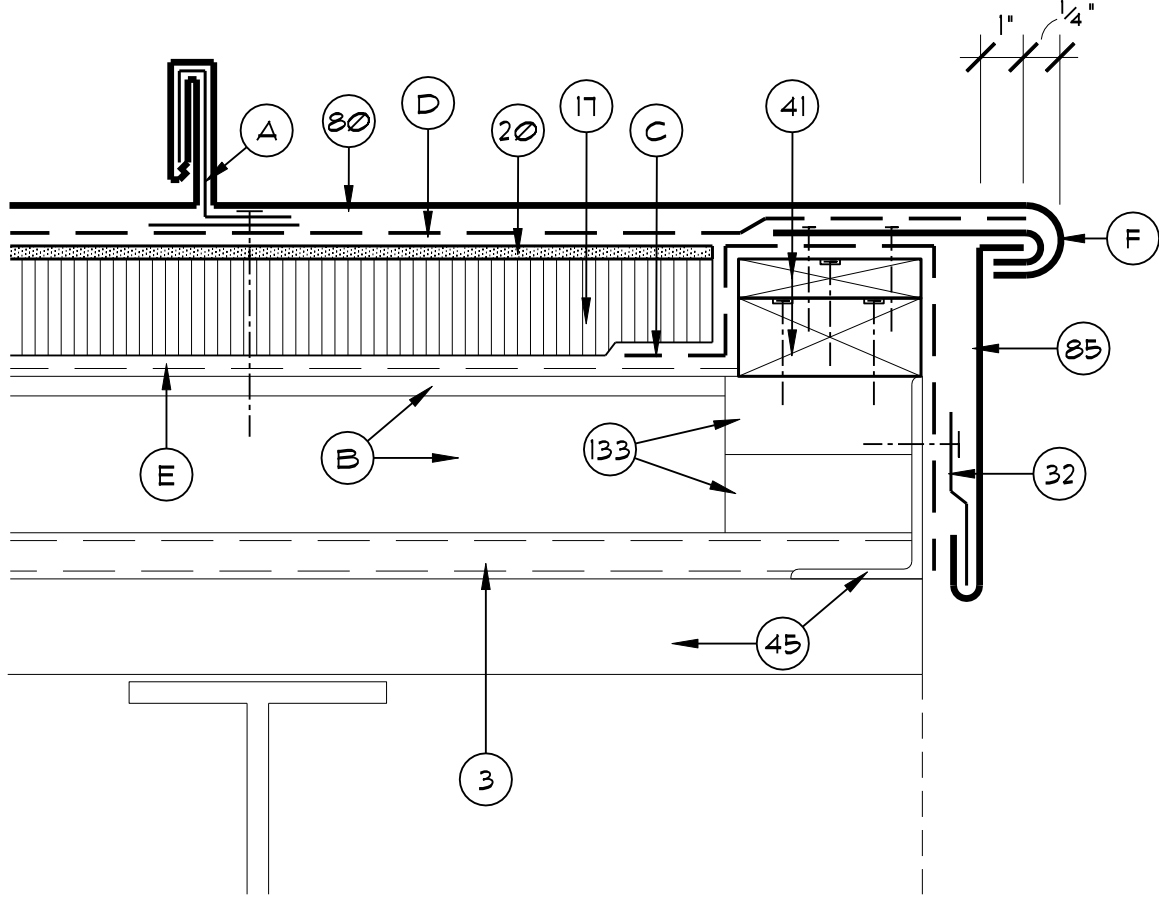
A1
SHEET NO.:
14073.01
1 OF 2 SHEET(S)



- 2. EXISTING CONCRETE BOND BEAM
- 3. EXISTING METAL DECK
- 17. NON-TAPERED RIGID INSULATION
- 20. GYPSUM ROOF BOARD
- 32. CONTINUOUS CLEAT
- 34. EXISTING GUTTER TO REMAIN. CLEAN AND REPAIR AS REQ'D.
- 41. 2x6 & 1x4 P.T. WOOD BLOCKING TO BE FASTENED AT 12" O.C. (MAX.) AND STAGGER - COUNTERSINK HEADS
- 45. EXISTING STRUCTURE
- 61. METAL EDGE-SEE DET. (3.01)
- 80. NEW STANDING SEAM TYPE METAL ROOF PANEL
- 133. EXIST. WOOD BLK'G. TO REMAIN, REPLACE WHERE DAMAGED OR DETERIORATED
- A. MFR'S STD. ANCHOR CLIP (WITH 6"x6"x18 GA. BEARING PLATE @ RIGID INSUL.) - SCREW TO METAL DECK BELOW INSUL. PER MFR'S. RECOMMENDATIONS.

- B. EXIST. RIGID INSULATION, & MINERAL BD. TO REMAIN- REPLACE DAMAGED AREAS PER ALLOWANCES
- C. SELF-ADHESIVE MOD. BIT FLASHING STRIP
- D. NEW SELF ADHESIVE MODIFIED BITUMEN MEMBRANE UNDERLAYMENT
- E. EXIST. UNDERLAYMENT TO REMAIN





- | | |
|---|---|
| <p>3. EXISTING METAL DECK</p> <p>17. NON-TAPERED RIGID INSULATION</p> <p>20. GYPSUM ROOF BOARD</p> <p>32. SPACED CLEAT AT RAKE EDGE</p> <p>41. 2x4 & 1x4 P.T. WOOD BLOCKING TO BE FASTENED AT 12" O.C. (MAX.) AND STAGGER - COUNTERSINK HEADS</p> <p>45. EXISTING STRUCTURE</p> <p>80. NEW STANDING SEAM TYPE METAL ROOF PANEL</p> <p>85. RADIUS GABLE EDGE METAL FABRICATION - SEE DET. (3.03)</p> <p>133. EXIST. WOOD BLK'G. TO REMAIN, REPLACE WHERE DAMAGED OR DETERIORATED</p> | <p>A. MFR'S STD. ANCHOR CLIP (WITH 6"X6"X18 GA. BEARING PLATE @ RIGID INSUL.) - SCREW TO METAL DECK BELOW INSUL. PER MFR'S. RECOMMENDATIONS.</p> <p>B. EXIST. RIGID INSULATION & MINERAL BD. TO REMAIN- REPLACE DAMAGED AREAS PER ALLOWANCES</p> <p>C. SELF-ADHESIVE MOD. BIT FLASHING STRIP</p> <p>D. NEW SELF ADHESIVE MODIFIED BITUMEN MEMBRANE UNDERLAYMENT</p> <p>E. EXIST. UNDERLAYMENT TO REMAIN</p> <p>F. ROLL EDGE OF METAL ROOF PANEL TO ENGAGE EDGE METAL AS SHOWN</p> |
|---|---|



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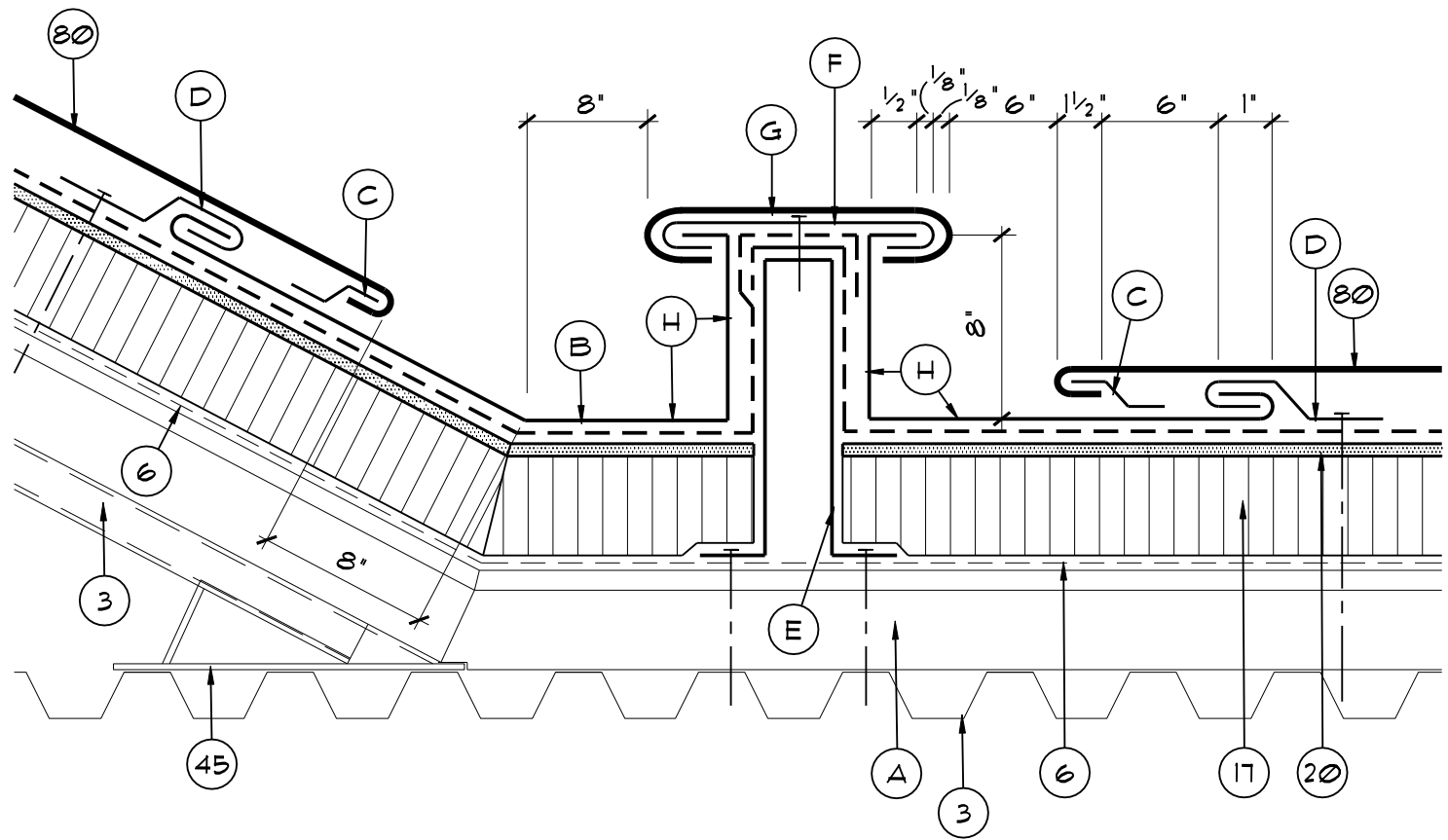
TITLE METAL ROOF RAKE / GABLE
 EDGE DETAIL

SCALE 3" = 1'-0"

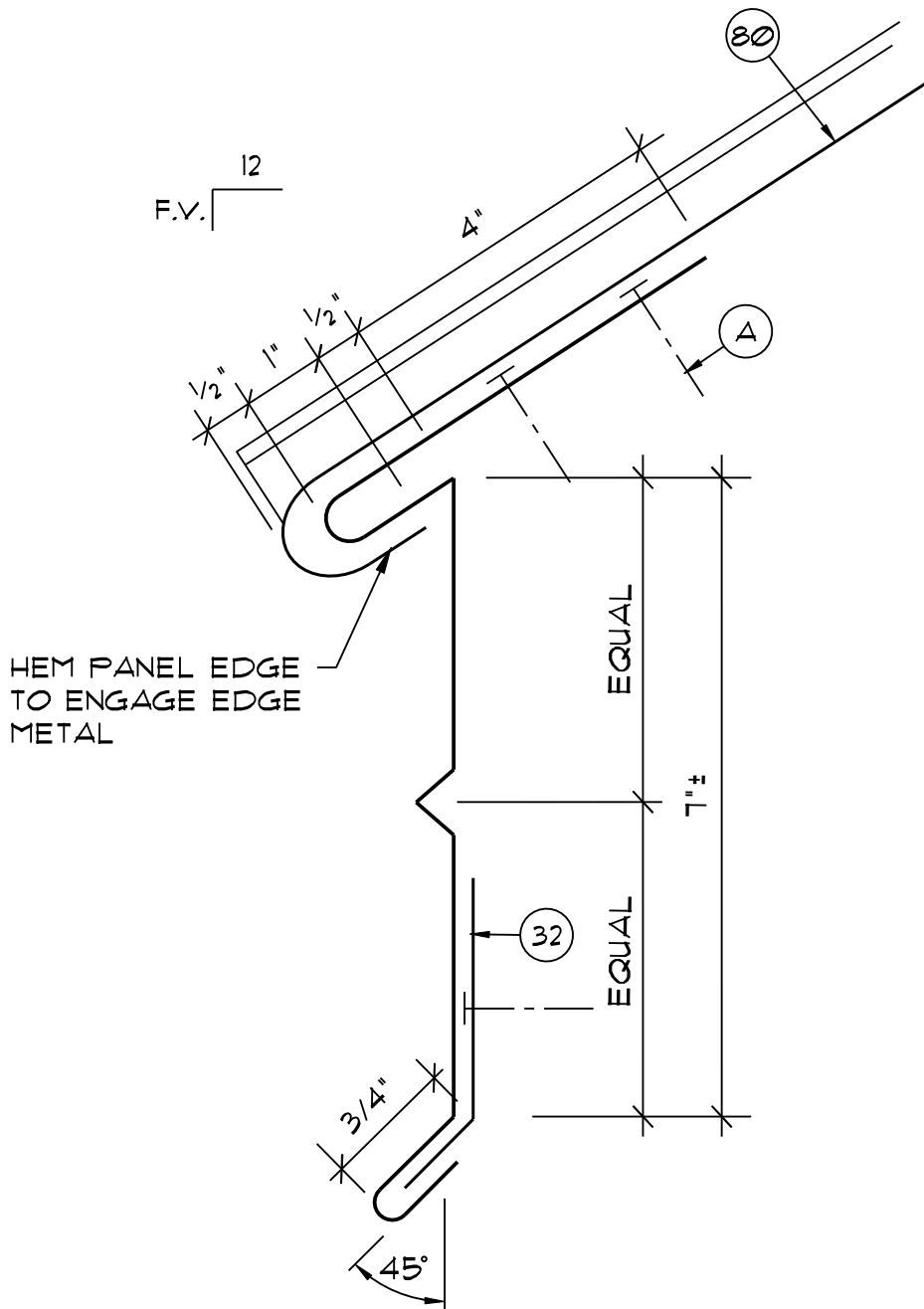


PROJECT NUMBER: 14073.00 | ACAD FILE # 14073.00 | -20 | PLOT SCALE: 3" = 1'-0" DATE: ..

NOTE:
 1. SEE DETAIL (3.09) FOR AREA DIVIDER SPLICE JOINT FLASHING



- | | |
|---|---|
| <p>3. EXISTING METAL DECK</p> <p>6. EXIST. UNDERLAYMENT TO REMAIN</p> <p>17. NON-TAPERED RIGID INSULATION</p> <p>20. GYPSUM ROOF BOARD</p> <p>45. EXISTING STRUCTURE</p> <p>80. NEW STANDING SEAM TYPE METAL ROOF PANEL</p> <p>A. EXISTING RIGID & MINERAL BOARD TO REMAIN - REPLACE DAMAGED AREAS PER ALLOWANCE</p> <p>B. NEW SELF-ADHESIVE MODIFIED BITUMEN ROOFING UNDERLAYMENT</p> <p>C. 0.050" ALUM. x 4" WIDE SPACED CLEAT AT 8" O.C. -WELD TO VALLEY FLASHING.</p> | <p>D. 0.050" ALUM. x 4" WIDE CLEAT TO SECURE VALLEY FLASHING @ 12" O.C. -ANCHOR EACH CLEAT TO UNDERLYING METAL DECK W/ TWO #12φ SCREWS.</p> <p>E. 18 GA. GALV. STL. "U-SHAPED" SPACED CURBS - 4" WIDE @ 12" O.C. ALONG CURVED VALLEY. FASTEN TO METAL DECK W/4 -#12φ SCREWS PER CURB.</p> <p>F. 0.050" ALUM. x 4" WIDE CLEAT @ 12" O.C. W/ 1/2" HEMMED EDGES - FASTEN TO SPACED CURBS AND ROLL EDGE UNDER TO SECURE VALLEY FLASHINGS AT EA. SIDE.</p> <p>G. 0.040" ALUM. AREA DIVIDER COPING CAP - SEE DET. (3.07)</p> <p>H. WELDED 0.040" ALUM. CURVED VALLEY FLASHING W/ WELDED SPACED CLEATS AND CONT. 1" HEM/HOOK AT OUTER EDGE FOR CLEATS.</p> |
|---|---|



NOTES:

- | | |
|---|---|
| <p>1. NEW EDGE METAL COMPONENTS
FIELD VERIFY DIMENSIONS FROM
EXISTING CONDITIONS</p> <p>2. SEE DETAIL (3.02) FOR SPLICE JOINT</p> | <p>32. CONTINUOUS CLEAT</p> <p>80. MTL. ROOF PANEL</p> <p>A. STAINLESS STL. ROOFING NAILS @
4" O.C. - STAGGERED</p> |
|---|---|



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TITLE TYPICAL EDGE METAL
FABRICATIONS DETAILS

SCALE NTS.



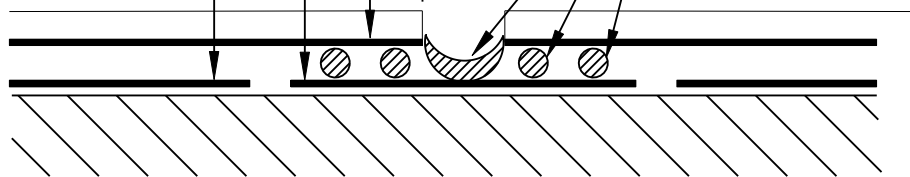
1/8" MIN TO 1/4" MAX - TYP.

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

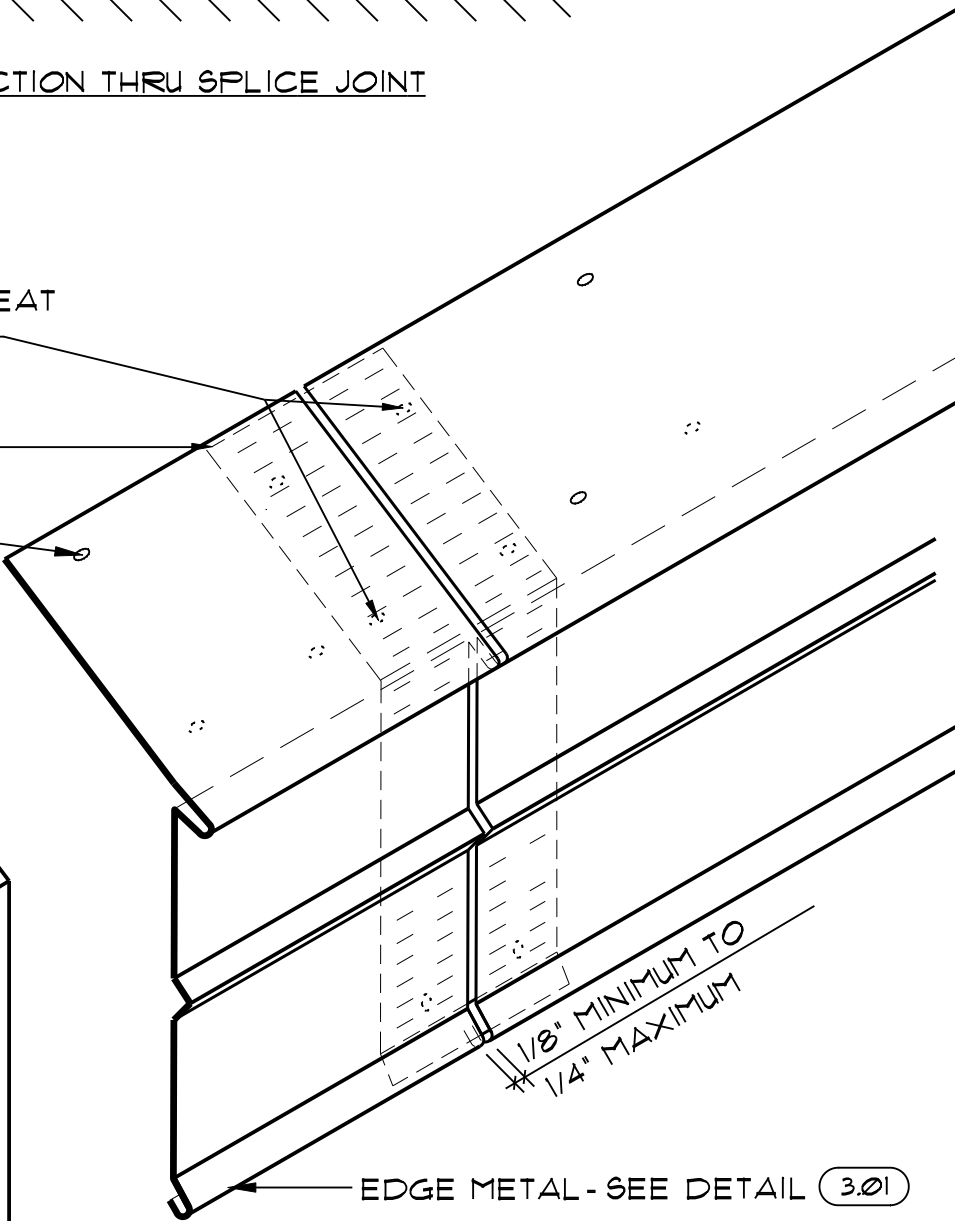
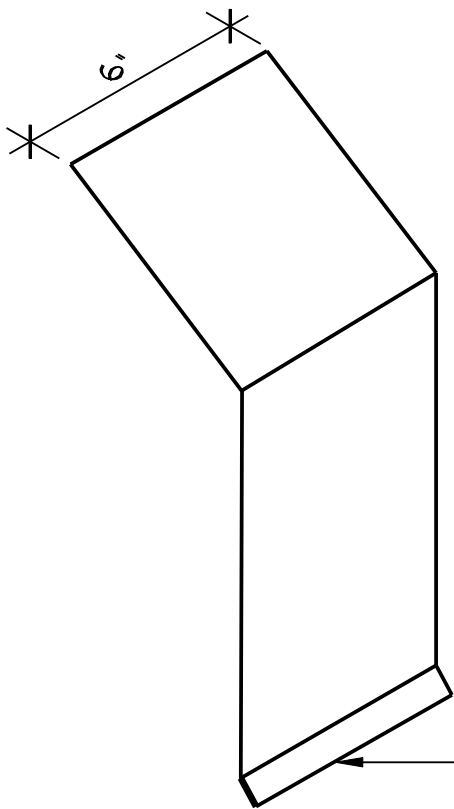


SECTION THRU SPLICE JOINT

NAIL SPLICE JT. CLEAT AS SHOWN

SPLICE JT. CLEAT SHOWN IN PLACE @ SPLICE JOINT

NAIL @ 4" O.C. STAGGERED



1/8" MINIMUM TO 1/4" MAXIMUM

EDGE METAL - SEE DETAIL 3.01

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

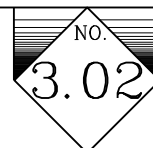


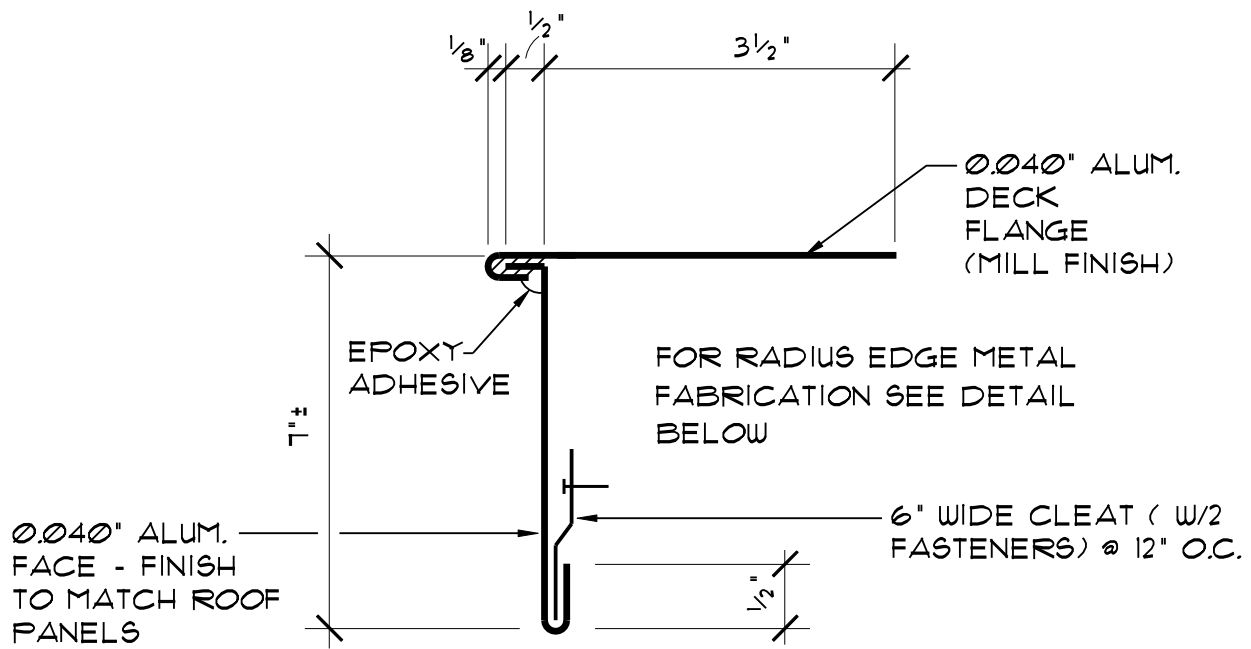
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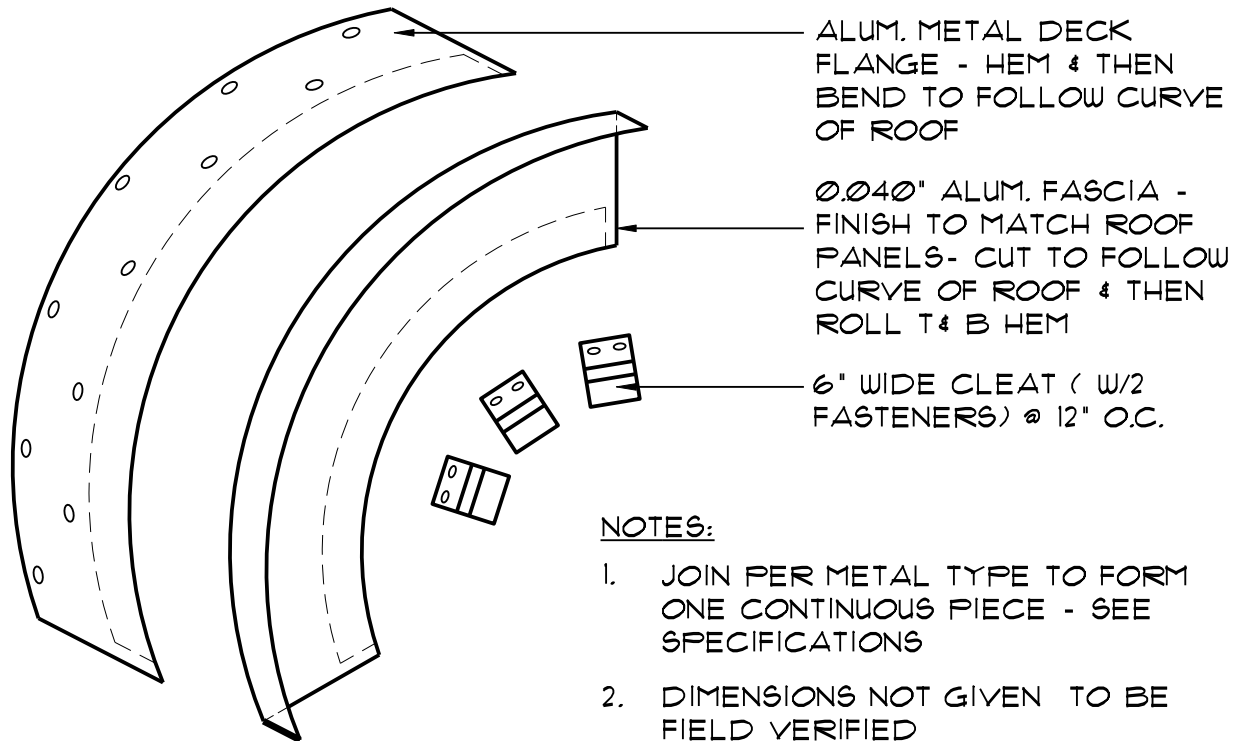
TITLE EDGE METAL SPLICE JOINT CLEAT DETAIL

SCALE N.T.S.





AT RADIUS EDGE METAL



NOTES:

1. JOIN PER METAL TYPE TO FORM ONE CONTINUOUS PIECE - SEE SPECIFICATIONS
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED
3. FABRICATE & ASSEMBLE IN SHOP IN 4'-0" MIN., 10'-0" MAX. LENGTHS

A. SEE DETAIL (3.04) FOR LAP JOINT DETAIL



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TITLE RADIUS GABLE EDGE METAL FABRICATION AT DETAIL

SCALE NTS.



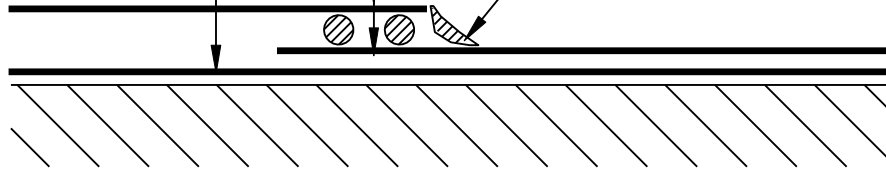
WATER FLOW →

DRIP METAL

CONT. CLEAT

4" MIN.

CONT. BEAD OF SEALANT @ LAP & DOUBLE BEAD WITHIN OVERLAP OF SPLICE JOINT SEALANT TO MATCH COLOR OF METAL



SECTION THRU SPLICE JOINT

NAIL LOWER DRIP METAL AS SHOWN

ST. STL. ROOFING NAILS @ 4" O.C. STAGGERED

GABLE EDGE METAL FAB. SEE DETAIL 3.03

ROOF SLOPE

DBL. BEAD OF SEALANT

NOTES:

1. JOIN PER METAL TYPE TO FORM ONE CONTINUOUS PIECE - SEE SPECIFICATIONS
2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED



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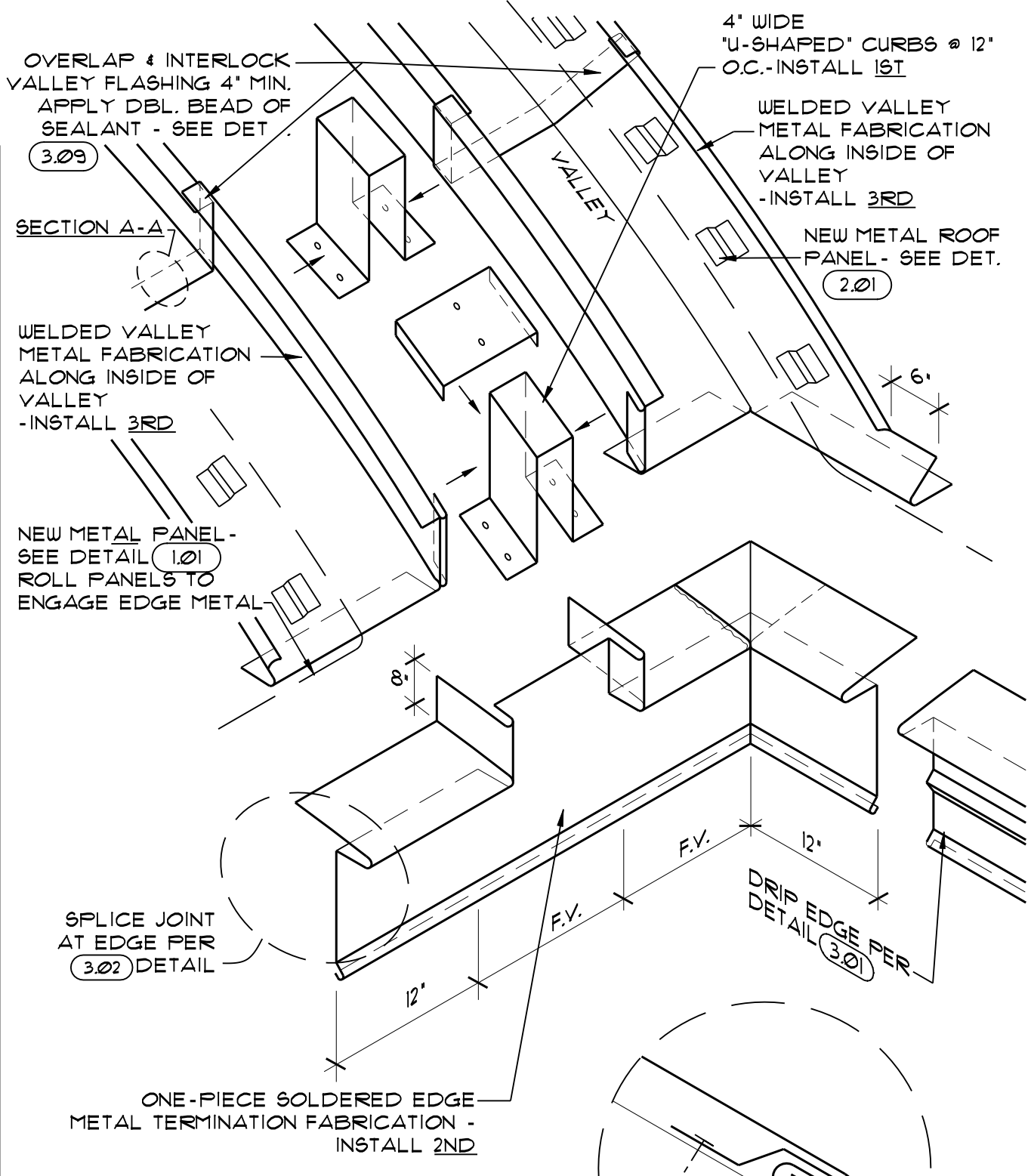
601 NORTH FERN CREEK AVENUE SUITE 100
ORLANDO, FLORIDA 32803-4899
TEL (407)896-7875 FAX (407)898-6043

TITLE OVERLAP SPLICE JOINT FOR SLOPED / GABLE EDGE

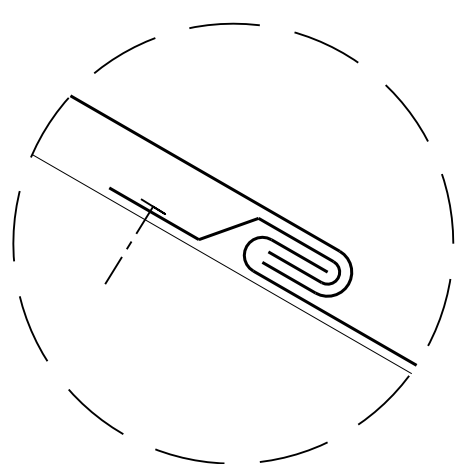
SCALE NTS.

NO.
3.04

ACAD FILE #1407301-305
 DATE: ..
 PLOT SCALE : 3" = 1'-0"
 PROJECT NUMBER: 1407301



- 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



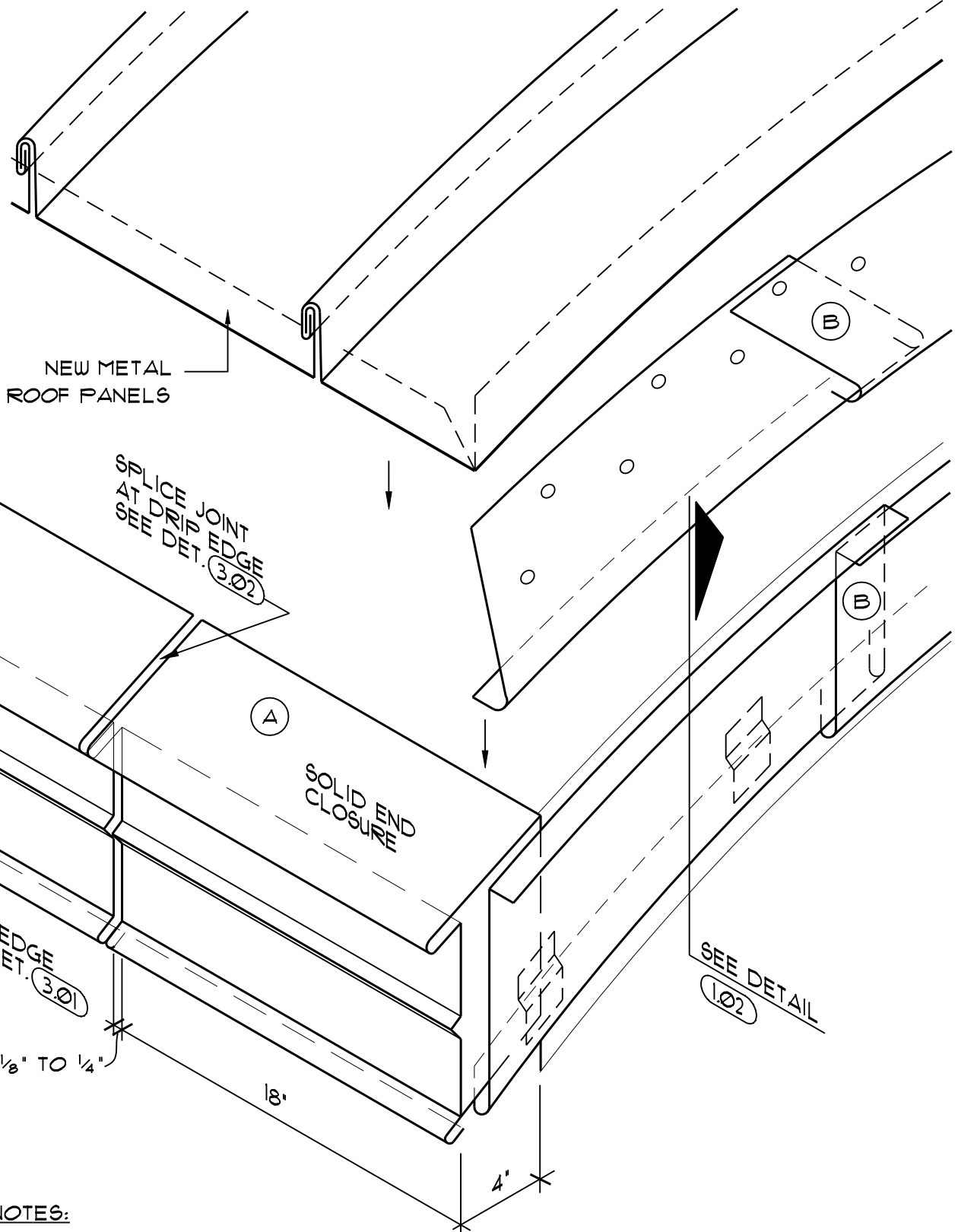
SECTION A-A



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

TITLE EDGE METAL INSIDE CORNER AT AREA DIVIDER
SCALE 3" = 1'-0"

NO. **3.05**



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. NEW 0.040" PRE-FINISHED ALUM. FASCIA TRIM/ OUTSIDE CORNER FABRICATION
- B. 4" LAP JOINT AT RAKE W/ DBL BEAD OF SEALANT- SEE DETAIL (3.04)



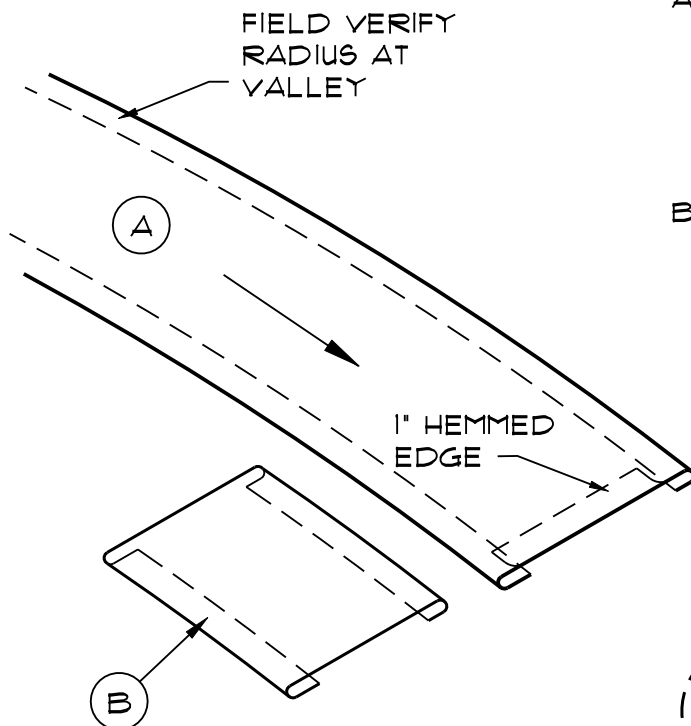
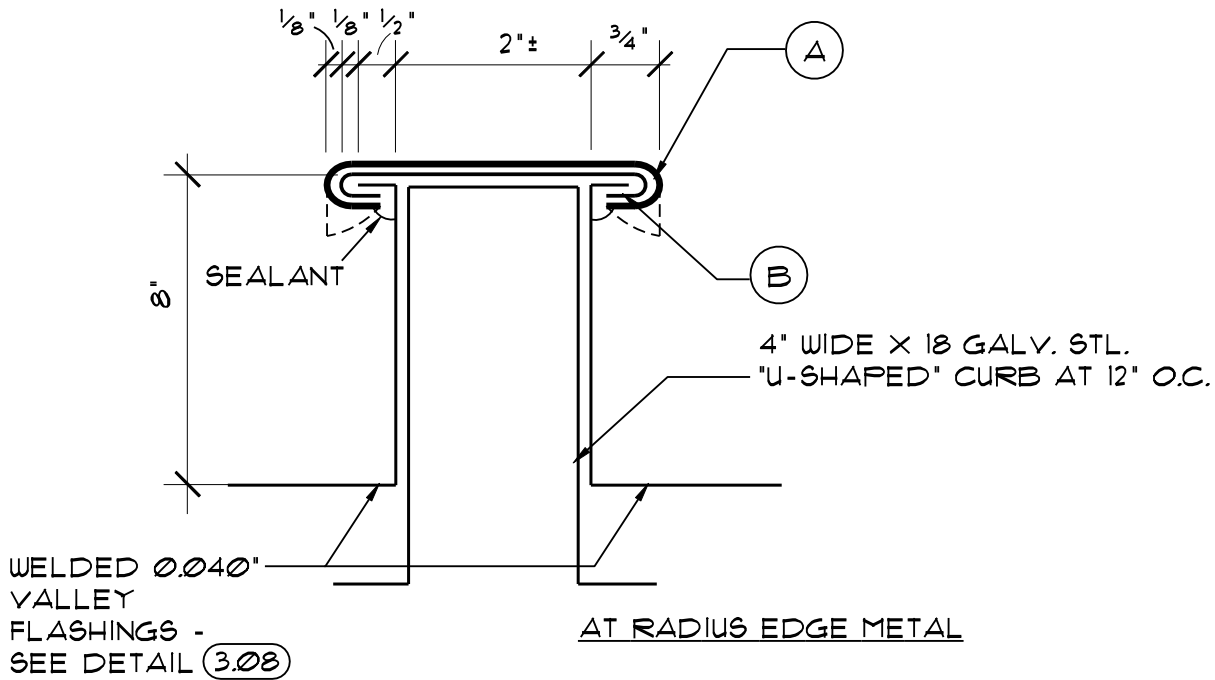
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TITLE OUTSIDE CORNER DETAIL
 AT RAKE TO-DRAIN EDGE
SCALE N.T.S.

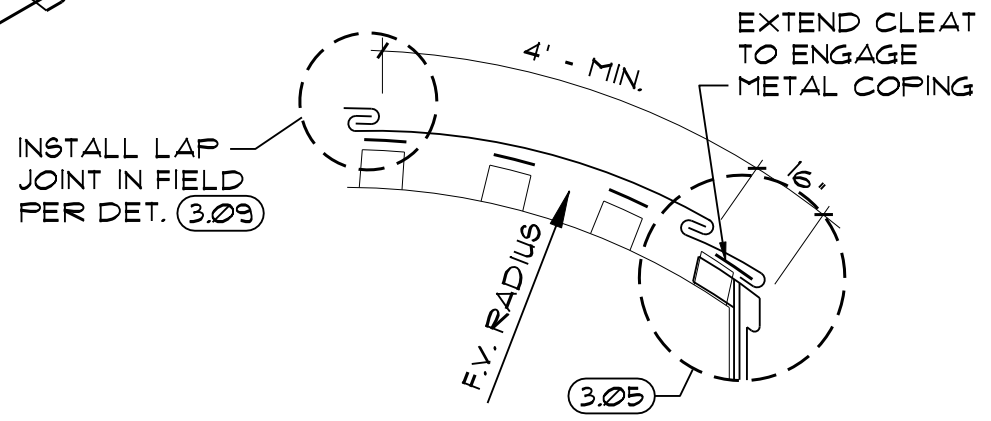
NO.
3.06

PROJECT NUMBER: 14073.0 | PLOT SCALE: 3" = 1'-0" | DATE: .. | ACAD FILE # 14073.01-307

FABRICATION SEE DETAIL
BELOW FOR RADIUS EDGE
METAL



- A. AREA DIVIDER COPING TO BE CUT FROM A SINGLE SHEET OF 0.040" MILL FINISH ALUM. - HEM EDGES UP IN FIELD TO ENGAGE VALLEY FLASHING
- B. 0.050" ALUM. X 4" WIDE CLEATS FASTENED AT "U-SHAPED" CURB- HEM EDGES UP IN FIELD TO VALLEY FLASHINGS SECURE.

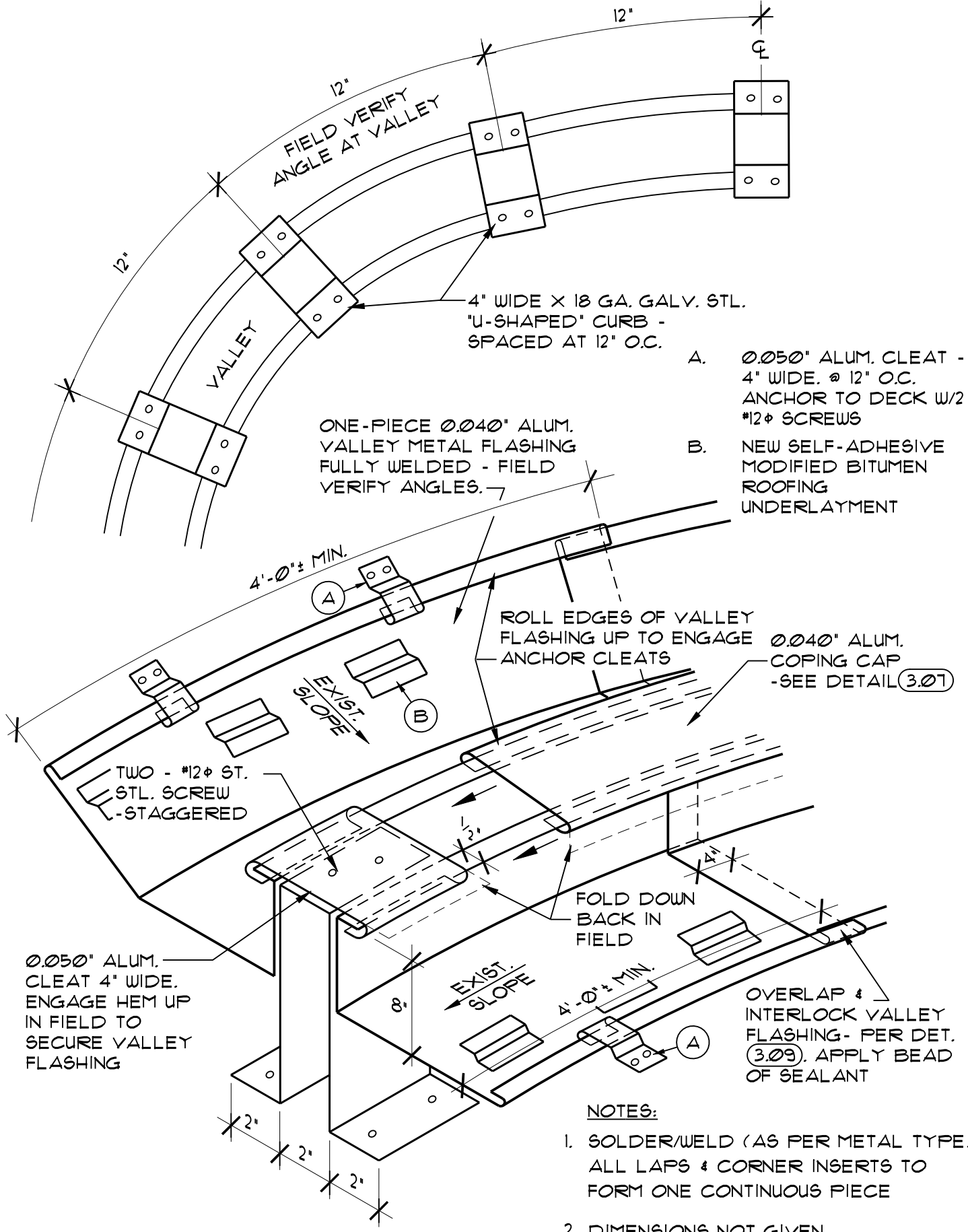


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TITLE **RADIUS RAKE EDGE CAP FABRICATION DETAIL**

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

NO. **3.07**

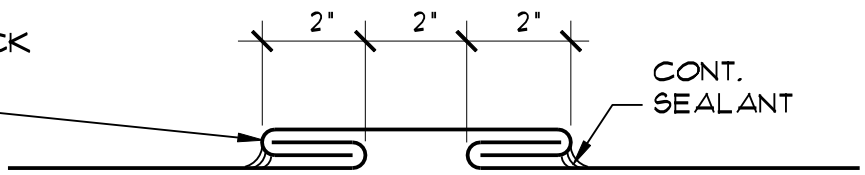


- A. $\emptyset\emptyset50$ " ALUM. CLEAT - 4" WIDE. @ 12" O.C. ANCHOR TO DECK W/2 #12 ϕ SCREWS
- B. NEW SELF-ADHESIVE MODIFIED BITUMEN ROOFING UNDERLAYMENT

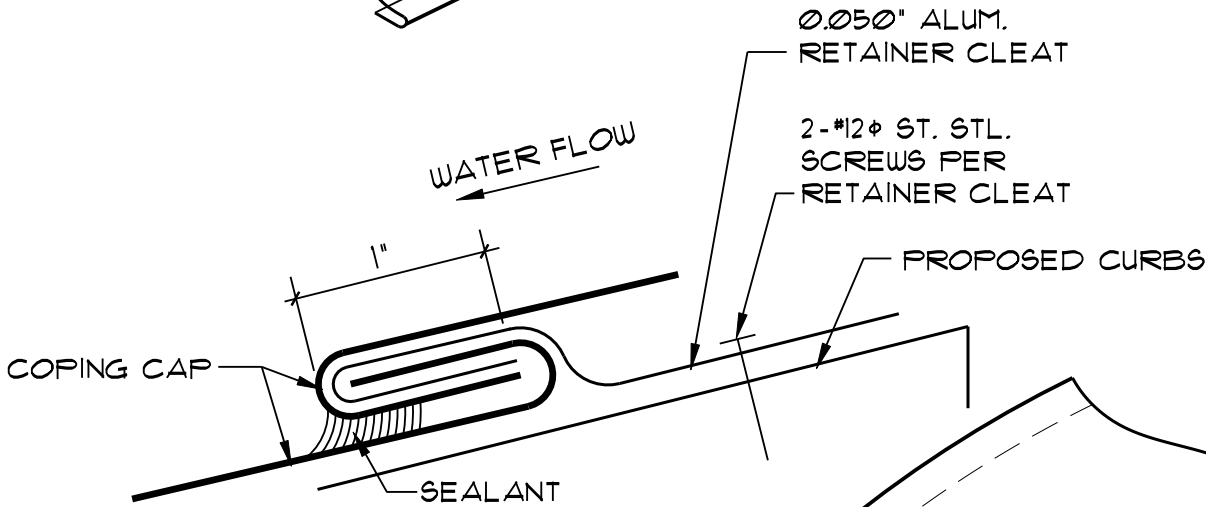
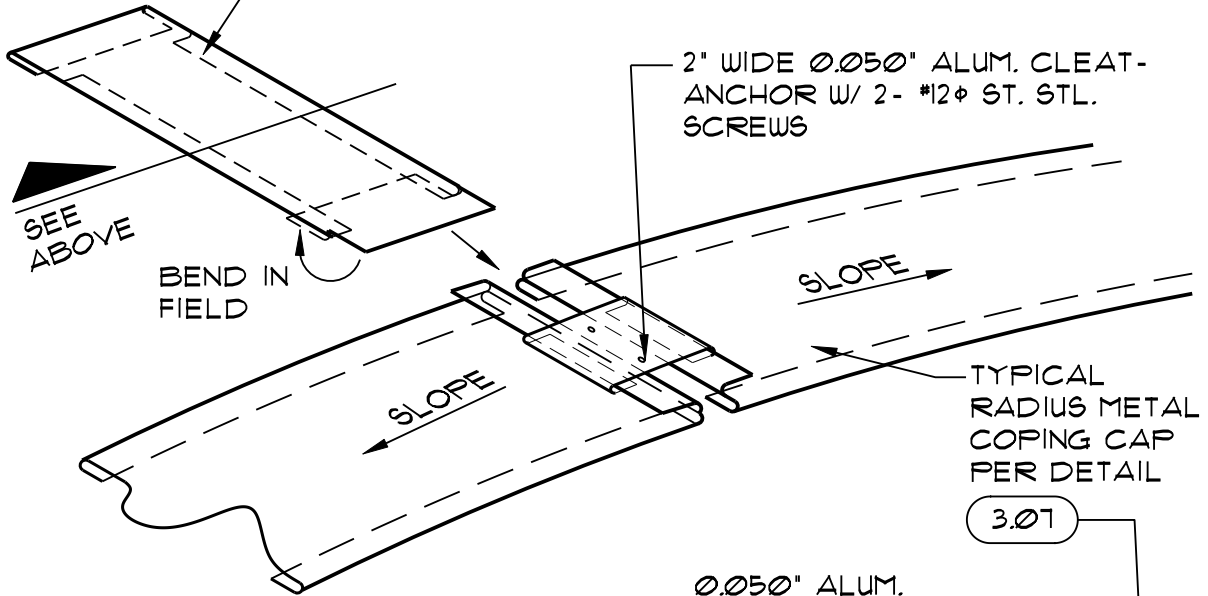
NOTES:

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

Ø.032" ALUM. SPLICE JOINT COVER - SLIDE TO INTERLOCK W/ COPING & BEND UNDER IN FIELD TO SECURE



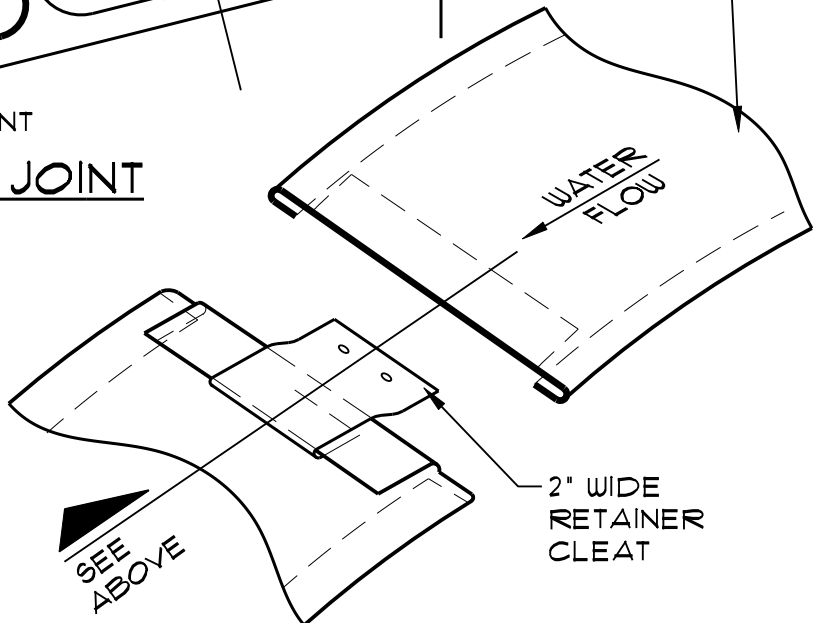
SPLICE JOINT DETAIL



SECTION THRU 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 **COPING CAP
RIDGE JOINT AND LAP
DETAIL**

SCALE **N.T.S.**



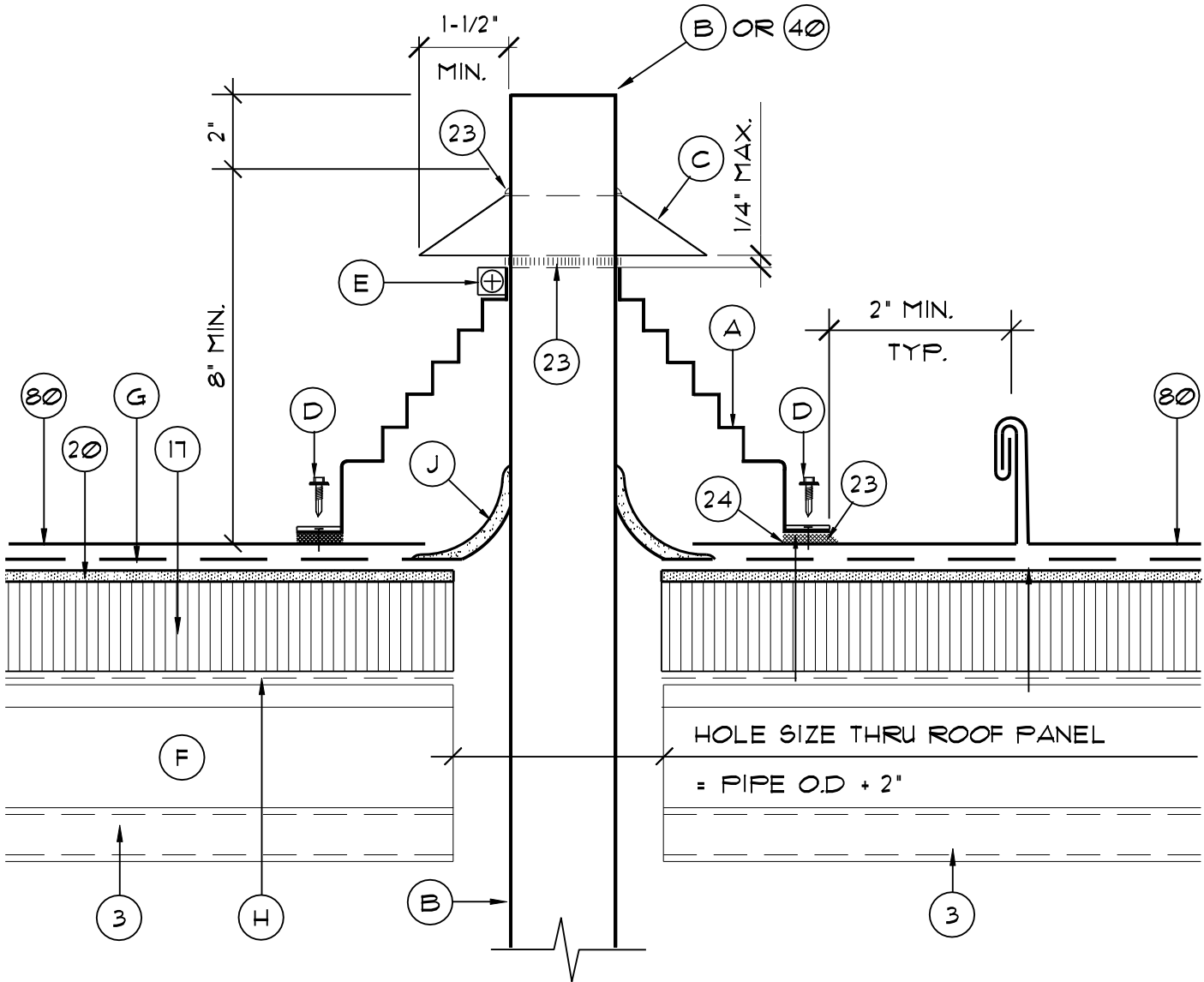
NOTE: FIELD VERIFY EXACT LOCATION AND RELOCATE AS REQ'D.
TO AVOID INTERFERENCE WITH PANEL RIBS

ACAD FILE #1407301-601

DATE: ..

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 1407301



- | | |
|---|--|
| <p>3. EXISTING METAL DECK</p> <p>17. NON-TAPERED RIGID INSULATION</p> <p>20. GYPSUM ROOF BOARD</p> <p>23. SEALANT</p> <p>24. FLASHING TAPE</p> <p>40. EXTENSION TO EXIST. VENT STACK IF REQ'D.</p> <p>80. NEW STANDING SEAM TYPE METAL ROOF PANEL</p> <p>A. ONE PIECE FLASHING "BOOT" UNIT CONSTRUCTED OF SILICONE RUBBER - PROFILE & ANCHOR AS PER MANUFACTURER (PROVIDE "RETROFIT" TYPE BOOT IF REQ'D - F.V.)</p> | <p>B. EXIST. VENT STACK</p> <p>C. 24 GA. ST. STL. HOOD SOLDER & FRICTION FIT TO PIPE</p> <p>D. MANUFACTURES SELF-SEALING SCREWS @ MFR'S SPACING (1-1/2" O.C. MAX)</p> <p>E. ST. STL. CLAMP BAND</p> <p>F. EXIST. RIGID INSULATION & MINERAL BOARD TO REMAIN-REPLACE DAMAGED AREAS PER ALLOWANCES</p> <p>G. NEW SELF ADHESIVE MODIFIED BITUMEN MEMBRANE UNDERLAYMENT</p> <p>H. EXIST. UNDERLAYMENT TO REMAIN</p> <p>J. REINFORCING LIQUID APPLIED FLASHING COMPOUND</p> |
|---|--|



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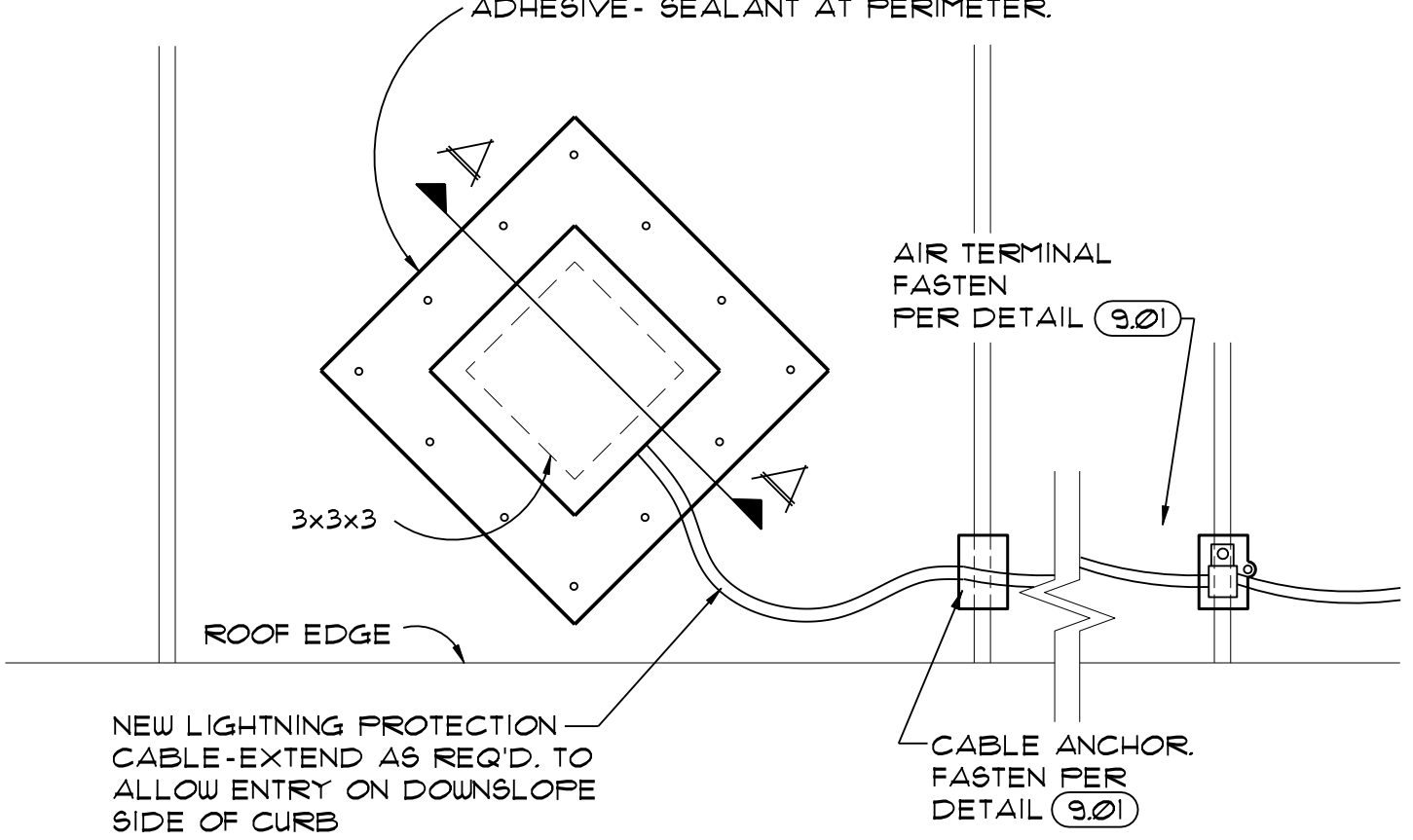
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TITLE VENT STACK (BOOT)
FLASHING/ANCHORAGE

SCALE 3" = 1'



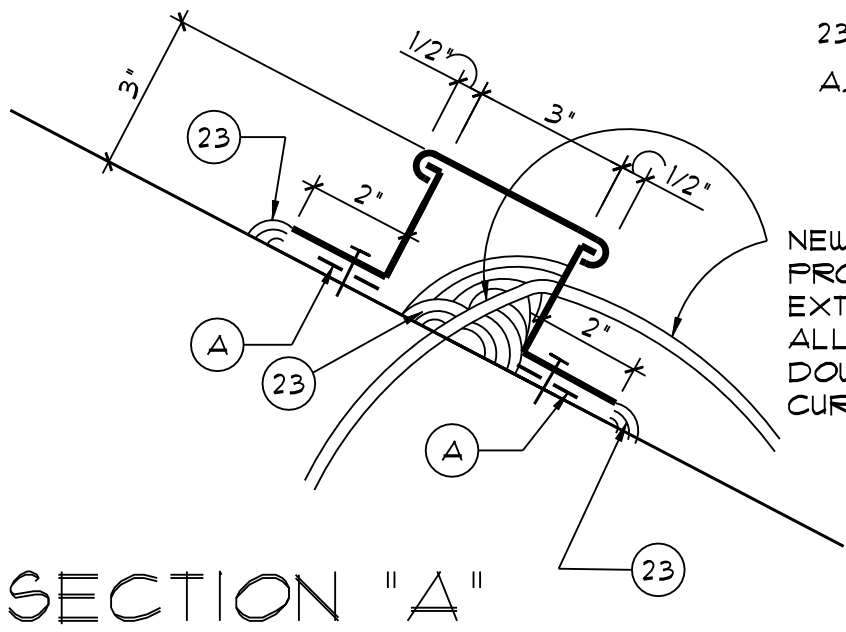
Ø.032" ALUMINUM "PITCH PAN" FABRICATION W/
METAL CAP- SEE BELOW - ANCHOR TO
EXISTING METAL ROOF PANELS W/ EPOXY
ADHESIVE- SEALANT AT PERIMETER.



PLAN

NOTES:

- 23. SEALANT
- A. EPOXY ADHESIVE



SECTION "A"



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TITLE LIGHTNING PROTECTION
CABLE CURB

SCALE 3" = 1'-0"



FASTENER SCHEDULE

A. GENERAL NOTES:

1. THIS SCHEDULE AND THE FASTENING METHODS INDICATED HEREIN ARE INTENDED TO ADDRESS TYPICAL CONDITIONS, AND MAY NOT APPLY TO ALL CONDITIONS FOR THIS PROJECT.
2. CONTRACTOR/INSTALLER MUST ALSO REFER TO THE DETAILS FOR THIS SPECIFIC PROJECT. IN THE CASE OF CONFLICTING DATA, THE PROJECT SPECIFIC DETAILS SHALL GOVERN.
3. FOR ALL CONDITIONS NOT COVERED WITHIN SCHEDULE, REFER TO FASTENER REQUIREMENTS OF THE WRITTEN SPECIFICATIONS ABOVE OR CONSULT WITH OWNER OR ARCHITECT.
4. MANUFACTURER OF ALL SPECIALITY FASTENER SHALL PERFORM FIELD TESTING TO VERIFY WITHDRAWAL VALUES AND FASTENING PATTERNS FOR THE SPECIFIC PROJECT CONDITIONS PRIOR TO INSTALLATION. A WRITTEN REPORT SHALL BE SUBMITTED TO THE OWNER AND ARCHITECT FOR REVIEW AND APPROVAL.
5. ALL FASTENERS SHALL BE STAINLESS STEEL OR HAVE A CORROSION RESISTANT COATING THAT EXCEEDS F.M. APPROVAL STANDARD 4470, UNLESS NOTED OTHERWISE

B. WOOD BLOCKING (2" NOMINAL THICKNESS):

1. CONCRETE: $\frac{3}{8}$ " ϕ SELF-TAPPING MASONRY ST. STL. SCREW AT 16" O.C., MAX., LENGTH AS REQUIRED FOR 1 $\frac{3}{4}$ " MIN. EMBEDMENT. -OR- 5/16" ϕ DEFORMED OR FLUTED NAIL AT 12" O.C. MAX., LENGTH AS REQUIRED FOR 1 $\frac{1}{4}$ " MIN. EMBEDMENT. COUNTERSINK HEADS AS REQUIRED.
2. CONCRETE BLOCK (CMU): $\frac{3}{8}$ " ϕ SELF-TAPPING MASONRY ST. STL. SCREWS AT 12" O.C. MAX., LENGTH AS REQUIRED FOR 1 $\frac{3}{4}$ " MIN. EMBEDMENT. -OR- $\frac{3}{8}$ " ϕ HEAVY DUTY SLEEVE STYLE EXPANSION BOLT ANCHOR (RAWL-BOLT) @ 18" O.C., LENGTH AS REQUIRED FOR 2" MIN. EMBEDMENT. COUNTERSINK HEADS AS REQUIRED.
3. BRICK: $\frac{3}{8}$ " ϕ SELF-TAPPING MASONRY ST. STL. SCREWS AT 12" O.C. MAX., LENGTH AS REQUIRED FOR 1 $\frac{3}{4}$ " MIN. EMBEDMENT. -OR- $\frac{3}{8}$ " ϕ HEAVY DUTY SLEEVE STYLE EXPANSION BOLT ANCHOR (RAWL-BOLT) @ 18" O.C., LENGTH AS REQUIRED FOR 2" MIN. EMBEDMENT. COUNTERSINK HEADS AS REQUIRED.
4. STRUCTURAL STEEL: $\frac{1}{4}$ " ϕ SELF-DRILLING, SELF-TAPPING ST. STL. SCREWS WITH "WINGS" @ 16" O.C. MAX., LENGTH AS REQUIRED FOR $\frac{1}{2}$ " MIN. PENETRATION OF THREADS THROUGH STEEL. COUNTERSINK HEADS AS REQUIRED.
5. METAL DECK: $\frac{1}{4}$ " ϕ SELF-TAPPING ST. STL. "DECK" SCREWS AT 12" O.C. MAX., LENGTH AS REQUIRED FOR $\frac{1}{2}$ " MIN. PENETRATION THROUGH UNDERSIDE OF DECK. COUNTERSINK HEADS REQUIRED.
6. LIGHT GAGE METAL FRAMING: $\frac{1}{4}$ " ϕ SELF-TAPPING ST. STL. "DECK" SCREWS, 1 MIN. PER FRAMING MEMBER, LENGTH AS REQ'D FOR $\frac{1}{2}$ " MIN. PENETRATION THROUGH FRAMING. COUNTERSINK HEADS AS REQUIRED.

ACAD FILE # 14013.01-801

DATE:

PLOT SCALE : 3"=1'

PROJECT NUMBER: 14013.01



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TITLE FASTENER SCHEDULE
(GENERAL NOTES)

SCALE N.T.S.



FASTENER SCHEDULE

B. WOOD BLOCKING (2" NOMINAL THICKNESS):

7. PLYWOOD DECK: $\frac{1}{4}$ " ϕ SELF-TAPPING ST. STL. "DECK" SCREWS AT 8" O.C. MAX., LENGTH AS REQUIRED FOR $\frac{1}{2}$ " MIN. PENETRATION THROUGH UNDERSIDE OF DECK. COUNTERSINK HEADS AS REQUIRED.
8. WOOD BLOCKING: $\frac{1}{4}$ " ϕ SELF-TAPPING ST. STL. "DECK" SCREWS AT 16" O.C. MAX., LENGTH AS REQUIRED FOR $1\frac{1}{2}$ " MIN. EMBEDMENT -OR- TWO CONTINUOUS $\frac{3}{8}$ " BEADS OF CONSTRUCTION ADHESIVE THE FULL LENGTH OF THE BOARD TO BE APPLIED AND 12d NAILS @ 4" O.C. (IN TWO ROWS-STAGGERED).

C. PLYWOOD SHEATHING:

1. CONCRETE: $\frac{1}{4}$ " ϕ SELF-TAPPING MASONRY SCREWS AT 12" O.C. MAX. (AT EDGES),AND 16" O.C. MAX. IN THE FIELD, LENGTH AS REQUIRED FOR $1\frac{1}{2}$ " MIN. EMBEDMENT,-OR- $\frac{1}{4}$ " ϕ RAWL-SPLICE OR OLYMPIC FLUTTED NAIL AT THE SAME SPACING AS NOTED ABOVE, LENGTH AS REQ'D FOR $1\frac{1}{4}$ " MIN. EMBEDMENT.
2. CONCRETE BLOCK (CMU): $\frac{1}{4}$ " ϕ SELF-TAPPING MASONRY SCREWS AT 12" O.C. MAX. (AT EDGES),AND 16" O.C. MAX. IN THE FIELD, LENGTH AS REQUIRED FOR $1\frac{1}{2}$ " MIN. EMBEDMENT,-OR- $\frac{1}{4}$ " ϕ RAWL-SPLICE OR OLYMPIC FLUTTED NAIL AT THE SAME SPACING AS NOTED ABOVE, LENGTH AS REQ'D FOR $1\frac{1}{4}$ " MIN. EMBEDMENT.
3. BRICK: $\frac{1}{4}$ " ϕ SELF-TAPPING MASONRY SCREWS AT 12" O.C. MAX. (AT EDGES),AND 16" O.C. MAX. IN THE FIELD, LENGTH AS REQUIRED FOR $1\frac{1}{2}$ " MIN. EMBEDMENT,-OR- $\frac{1}{4}$ " ϕ RAWL-SPLICE OR OLYMPIC FLUTTED NAIL AT THE SAME SPACING AS NOTED ABOVE, LENGTH AS REQ'D FOR $1\frac{1}{4}$ " MIN. EMBEDMENT.
4. STRUCTURAL STEEL: #10 ϕ SELF-DRILLING, SELF-TAPPING SCREWS WITH "WINGS" @ 12" O.C. MAX. (AT EDGES), AND 16" O.C. MAX. IN THE FIELD, LENGTH AS REQUIRED FOR $\frac{1}{2}$ " MIN. PENETRATION OF THREADS THROUGH STEEL.
5. METAL DECK: #10 ϕ SELF-TAPPING "DECK" SCREWS AT 12" O.C. MAX. (AT EDGES),AND 16" O.C. MAX. IN THE FIELD, LENGTH AS REQUIRED FOR $\frac{1}{2}$ " MIN. PENETRATION THROUGH UNDERSIDE OF DECK.
6. LIGHT GAGE METAL FRAMING: #10 ϕ SELF-TAPPING "DECK" SCREWS AT 12" O.C. MAX. (AT EDGES),AND 16" O.C. MAX. ALONG EACH FRAMING MEMBER, LENGTH AS REQ'D FOR $\frac{1}{2}$ " MIN. PENETRATION THROUGH FRAMING. FRAMING TO BE SPACED AT 24" O.C. MAX., UNLESS NOTED OTHERWISE BY DETAILS.
7. WOOD FRAMING: #10 ϕ SELF-TAPPING "DECK" SCREWS AT 12" O.C. MAX. ALONG EACH FRAMING MEMBER, LENGTH AS REQ'D FOR $1\frac{1}{2}$ " MIN. EMBEDMENT -OR- 8d ANNULAR RING NAILS AT 6" O.C. MAX. (AT EDGES) AND 12" O.C. MAX. IN FIELD. DECREASE SPACING AT EDGES AND RAKE ZONES TO 4" O.C. MAX. AT EDGES, AND 8" O.C. MAX. IN FIELD.



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TITLE FASTENER SCHEDULE
(GENERAL NOTES)

SCALE N.T.S.



FASTENER SCHEDULE

METAL DECK:

- D. INSTALL AND SECURE PER STEEL JOIST INSTITUTE (SJI) GUIDELINES, SEE SPECIFICATIONS OR STRUCTURAL DETAILS FOR ADDITIONAL INFORMATION.

E. MINOR STRUCTURAL STEEL:

1. ANCHORAGE OF LOAD BEARING STEEL ANF LARGE STEEL FABRICATIONS, (SUCH AS LADDERS), IS TO BE AS DEFINED BY THE STRUCTURAL ENGINEERING DRAWINGS, OR AS ENGINEERED BY THE SUPPLIER. MINOR STRUCTURAL STEEL WOULD BE CONSIDERED ITEMS SUCH AS SUPPORT STANDS, WALL LEDGER ANGLES, ETC.
2. CONCRETE: $\frac{3}{8}$ " ϕ HEAVY-DUTY, SLEEVE STYLE EXPANSION BOLT ANCHOR (RAWL-BOLT) @ 16" O.C., LENGTH AS REQ'D FOR 2" MIN. EMBEDMENT.
3. CONCRETE BLOCK (CMU): $\frac{3}{8}$ " ϕ HEAVY-DUTY, SLEEVE STYLE EXPANSION BOLT ANCHOR (RAWL-BOLT) @ 16" O.C., LENGTH AS REQ'D FOR 2" MIN. EMBEDMENT. IF CMU IS HOLLOW, BREAK INTO BLOCK ABOVE, AND FILL CELL OF BLOCK TO RECEIVE ANCHOR SOLID, PERFORM ANY REPAIR AND PATCHING NECESSARY
4. BRICK: $\frac{3}{8}$ " ϕ HEAVY-DUTY, SLEEVE STYLE EXPANSION BOLT ANCHOR (RAWL-BOLT) @ 16" O.C., LENGTH AS REQ'D FOR 2" MIN. EMBEDMENT.
5. STRUCTURAL STEEL: $\frac{1}{4}$ " ϕ SELF-DRILLING, SELF-TAPPING SCREW @ 16" O.C., LENGTH AS REQUIRED FOR $\frac{1}{2}$ " MIN. PENETRATION OF THREADS THROUGH STEEL.

F. RIGID INSULATION BOARD:

1. INSTALL AND SECURE PER THE MANUFACTURE'S RECOMMENDATIONS, TESTING AND APPROVALS TO COMPLY WITH THE DESIGN REQUIREMENTS OF THIS PROJECT. SEE PROJECT SPECIFICATIONS AND FASTENING DETAIL FOR ADDITIONAL INFORMATION.

G. ROOF MEMBRANE SYSTEM:

1. INSTALL AND SECURE PER THE MANUFACTURE'S RECOMMENDATIONS, TESTING AND APPROVALS TO COMPLY WITH THE DESIGN REQUIREMENTS OF THIS PROJECT. SEE PROJECT SPECIFICATIONS AND FASTENING DETAIL FOR ADDITIONAL INFORMATION.

H. FLANGED SHEETMETAL (EDGE METAL)

1. WOOD BLOCKING: #12 GAGE x $1\frac{1}{2}$ " ANNULAR RING STAINLESS STEEL ROOFING NAILS AT 4" O.C. MAX., STAGGERED IN 2 ROWS AT $\frac{3}{4}$ " \pm FROM EDGES OF FLANGE.
2. LIGHTGAGE METAL: #12 ϕ SELF TAPPING, STAINLESS STEEL, FLAT OR WAFER HEAD SCREWS AT 12" O.C. MAX.
3. CONCRETE: $\frac{1}{4}$ " ϕ x $1\frac{1}{2}$ " ZAMAC "NAIL-IN" DRIVE PIN, EXPANSION TYPE FASTENER @ 12" O.C., MAX. WITH STAINLESS STEEL DRIVE PIN.

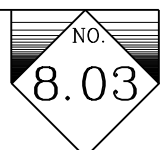


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TITLE FASTENER SCHEDULE
(GENERAL NOTES)

SCALE N.T.S.



FASTENER SCHEDULE

I. CLEATS FOR SHEETMETAL:

1. WOOD BLOCKING: #12 GAGE x 1½" ANNULAR RING STAINLESS STEEL ROOFING NAILS AT 8" O.C. MAX., (4" O.C. AT CORNER ZONES OF ROOF)
2. LIGHTGAGE METAL: #12φ SELF TAPPING, STAINLESS STEEL, FLAT OR WAFER HEAD SCREWS AT 12" O.C. MAX.
3. CONCRETE: ¼"φ x 1½" ZAMAC "NAIL-IN" DRIVE PIN, EXPANSION TYPE FASTENER @ 12" O.C., MAX. WITH STAINLESS STEEL DRIVE PIN.
4. CONCRETE BLOCK: ¼"φ x 1½" ZAMAC "NAIL-IN" DRIVE PIN, EXPANSION TYPE FASTENER @ 12" O.C., MAX. WITH STAINLESS STEEL DRIVE PIN.
5. BRICK: ¼"φ x 1½" ZAMAC "NAIL-IN" DRIVE PIN, EXPANSION TYPE FASTENER @ 12" O.C., MAX. WITH STAINLESS STEEL DRIVE PIN.

J. APPLIED SHEETMETAL (COUNTERFLASHING, TERMINATION BAR, ETC.):

1. WOOD BLOCKING: 12"φ SELF-TAPPING, STAINLESS STEEL SCREWS AT 8" O.C. MAX., LENGTH AS REQ'D FOR 1¼" MIN. EMBEDMENT INTO WOOD. IF EXPOSED TO THE WEATHER PROVIDE METAL BACKED NEOPORENE SEALING WASHERS OR USE "SCOTS" TYPE SCREW WITH INTEGRAL SEALING WASHER.
2. SHEETMETAL BACKING: 12"φ SELF-TAPPING STAINLESS STEEL SCREWS AT 8" O.C. MAX., LENGTH AS REQ'D FOR ½" MIN. PENETRATION OF THREADS THROUGH STEEL. IF EXPOSED TO THE WEATHER PROVIDE METAL BACKED NEOPORENE SEALING WASHERS OR USE "SCOTS" TYPE SCREW WITH INTEGRAL SEALING WASHER.
3. CONCRETE: ¼"φ SELF-TAPPING STAINLESS STEEL MASONRY SCREWS AT 8" O.C. MAX. LENGTH AS REQUIRED FOR 1¼" MIN. EMBEDMENT. -OR- ¼"φ x 1½" ZAMAC "NAILIN" DRIVE PIN, EXPANSION TYPE FASTENERS @ 8" O.C. MAX., WITH STAINLESS STEEL DRIVE PIN. IF EXPOSED TO THE WEATHER PROVIDE METAL BACKED NEOPRENE SEALING WASHERS-INCREASE LENGTH IF REQ'D BY OVERLYING FINISH FOR 1¼" MIN. EMBEDMENT INTO CONCRETE (BLOCK)
4. CONCRETE BLOCK: ¼"φ SELF-TAPPING STAINLESS STEEL MASONRY SCREWS AT 8" O.C. MAX. LENGTH AS REQUIRED FOR 1¼" MIN. EMBEDMENT. -OR- ¼"φ x 1½" ZAMAC "NAILIN" DRIVE PIN, EXPANSION TYPE FASTENERS @ 8" O.C. MAX., WITH STAINLESS STEEL DRIVE PIN. IF EXPOSED TO THE WEATHER PROVIDE METAL BACKED NEOPRENE SEALING WASHERS- INCREASE LENGTH IF REQ'D BY OVERLYING FINISH FOR 1¼" MIN. EMBEDMENT INTO CONCRETE (BLOCK)
5. BRICK: ¼"φ SELF-TAPPING STAINLESS STEEL MASONRY SCREWS AT 8" O.C. MAX. LENGTH AS REQUIRED FOR 1¼" MIN. EMBEDMENT. -OR- ¼"φ x 1½" ZAMAC "NAILIN" DRIVE PIN, EXPANSION TYPE FASTENERS @ 8" O.C. MAX., WITH STAINLESS STEEL DRIVE PIN. IF EXPOSED TO THE WEATHER PROVIDE METAL BACKED NEOPRENE SEALING WASHERS



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TITLE FASTENER SCHEDULE
(GENERAL NOTES)

SCALE N.T.S.



ABBREVIATIONS

ADJ	ADAJACENT	E	EAST
A/C	AIR CONDITIONING	ELEC	ELECTRIC(AL)
ALT	ALTERNATE	EL	ELEVATION
ALUM	ALUMINUM	EQ	EQUAL
ANOD	ANODIZED	EQUIP	EQUIPMENT
APPROX	APPROXIMATE	EXH	EXHAUST
ARCH	ARCHITECT(URAL)	EXIST	EXISTING
		EXP	EXPANSION
		EXT	EXTERIOR
BRG	BEARING		
BIT	BITUMEINOUS		
BLK	BLOCK	FIN	FINISH(ED)
BLKG	BLOCKING	FLASH	FLASHING
BD	BOARD	FLEX	FLEXIBLE
BOT	BOTTOM	FTG	FOOTING
BLDG	BUILDING	FDN	FOUNDATION
BUR	BUILT UP ROOFING		
		GA	GAGE (GAUGE)
CB	CATCH BASIN	GALV	GALVANIZED
CLG	CEILING	GWB	GYPSPUM WALL BOARD
COL	COLUMN		
COMP	COMPRESS (ED), (ION), (IBLE)	HDWE	HARDWARE
CONC	CONCRETE	HVAC	HEATING/VENTILATION /AIR CONDITIONING
CMU	CONCRETE MASONRY UNIT		
CONST	CONSTRUCTION	HT	HEIGHT
CONT	CONTINUOUS OR CONTINUE	HM	HOLLOW METAL
CJ	CONTROL JOINT	HORZ	HORIZONTAL
CTR	CENTER		
C.F.	CUBIC FOOT	INCL	INCLUDE(D), (ING)
		ID	INSIDE DIAMETER
DEMO	DEMOLISH, DEMOLITION	INSUL	INSULATE(D), (ION)
DET	DETAIL	INT	INTERIOR
DIAG	DIAGONAL		
DIA	DIAMETER	JT	JOINT
DIM	DIMENSION		
DS	DOWNSPOUT		
DWG	DRAWING		



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TITLE STANDARD ABBREVIATIONS

SCALE N.T.S.



ABBREVIATIONS

LW	LIGHTWEIGHT	RAD	RADIUS
LLH	LONG LEG HORIZONTAL	RWL	RAINWATER LEADER
LLV	LONG LEG VERTICAL	REF	REFERENCE
		RCP	REINFORCED CONCRETE PIPE
MFR	MANUFACTURE(ER)	REV	REVISION
MATL	MATERIAL(S)	RD	ROOF DRAIN
MAX	MAXIMUM	RO	ROUGH OPENING
MECH	MECHANIC(AL)		
MTL	METAL	SCH	SCHEDULE
MIN	MINIMUM	SEAL	SEALANT
MISC	MISCELLANEOUS	SHT	SHEET
MTD	MOUNTED(ING)	SIM	SIMILAR
		S	SOUTH
NOM	NOMINAL	SPK	SPEAKER
N	NORTH	SPEC	SPECIFICATION(S)
NIC	NOT IN CONTRACT	SQ	SQUARE
NTS	NOT TO SCALE	SF	SQUARE FEET
NO	NUMBER	ST STL	STAINLESS STEEL
		STD	STANDARD
OC	ON CENTER(S)	STL	STEEL
OPG	OPENING	STRUCT	STRUCTURAL
OPP	OPPOSITE		
OD	OUTSIDE DIAMETER/DIMENSION	THK	THICK(NESS)
		T AND G	TONGUE AND GROOVE
PTD	PAINT(ED)	TYP	TYPICAL
PR	PAIR		
PL	PLATE	UNO	UNLESS NOTED OTHERWISE
PWD	PLYWOOD		
PVC	POLYVINYL CHLORIDE	VERT	VERTICAL
PSF	POUNDS PER SQUARE FOOT		
PSI	POUNDS PER SQUARE INCH	WWF	WELDED WIRE FABRIC
PC	PRECAST CONCRETE	W	WEST
PT	PRESSURE TREATED	WM	WIRE MESH
		W/	WITH
		W/O	WITHOUT
		WD	WOOD

ACAD FILE # 14013.01-806

DATE:

PLOT SCALE : 3" = 1'-0"

PROJECT NUMBER: 14013.01



A/R/C Associates Incorporated

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

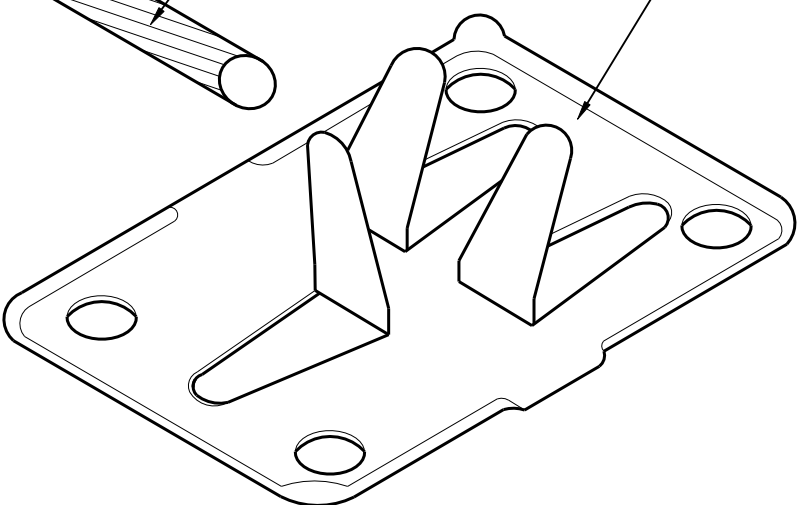
TITLE STANDARD ABBREVIATIONS

SCALE N.T.S.



LIGHTNING CONDUCTOR

MFR'S STD. STAMPED CRIMPED CABLE PLATE - EPOXY TO MECH. EQUIP. &/OR METAL SURFACES



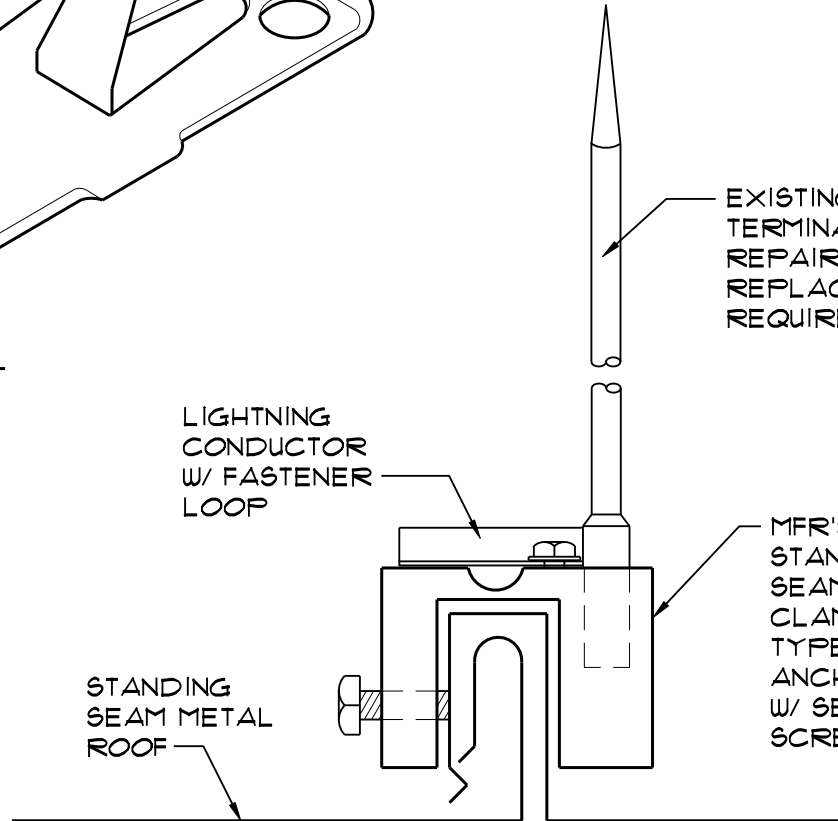
CABLE PLATE AT EQUIPMENT

EXISTING AIR TERMINAL - REPAIR OR REPLACE AS REQUIRED

LIGHTNING CONDUCTOR W/ FASTENER LOOP

STANDING SEAM METAL ROOF

MFR'S STD. STANDING SEAM CLAMP TYPE ANCHOR W/ SET SCREW

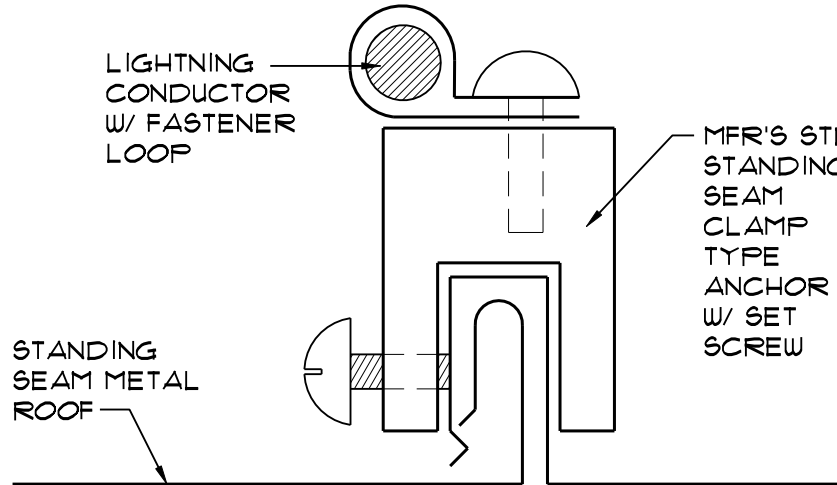


CABLE CLAMP AT METAL ROOF

LIGHTNING CONDUCTOR W/ FASTENER LOOP

MFR'S STD. STANDING SEAM CLAMP TYPE ANCHOR W/ SET SCREW

STANDING SEAM METAL ROOF



CABLE CLAMP AT METAL ROOF



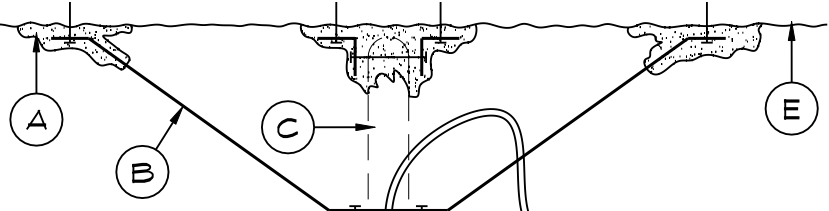
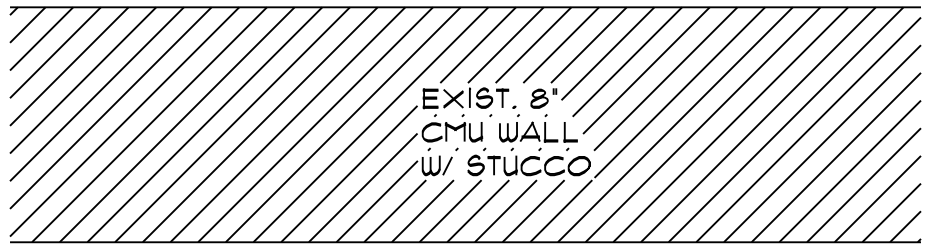
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TITLE LIGHTNING PROTECTION - TYP. ANCHORAGE DETAIL

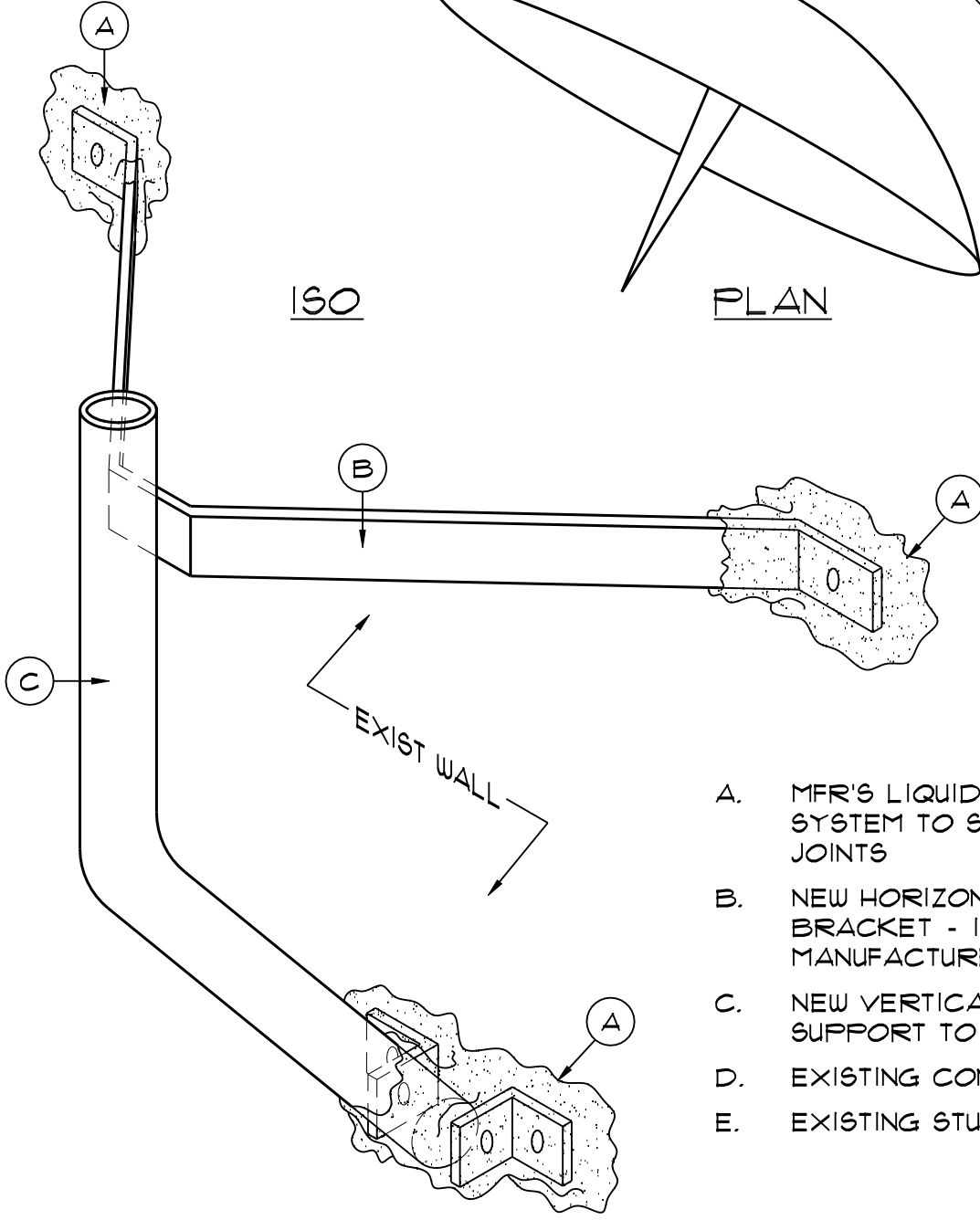
SCALE N.T.S.

NO.
9.01



ISO

PLAN



- A. MFR'S LIQUID APPLIED FLASHING SYSTEM TO SEAL METAL-TO-WALL JOINTS
- B. NEW HORIZONTAL SUPPORT BRACKET - INSTALL PER MANUFACTURERS RECOMMENDATION
- C. NEW VERTICAL SATELLITE TUBE SUPPORT TO BE REINSTALLED
- D. EXISTING CONDUIT TO REMAIN
- E. EXISTING STUCCO SURFACE



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TITLE WALL MOUNTED SATELLITE
 DISH & CABLE DETAIL
SCALE N.T.S.

