

PROJECT FOR :

# ORANGE COUNTY CASSADY BUILDING ROOF REPLACEMENT

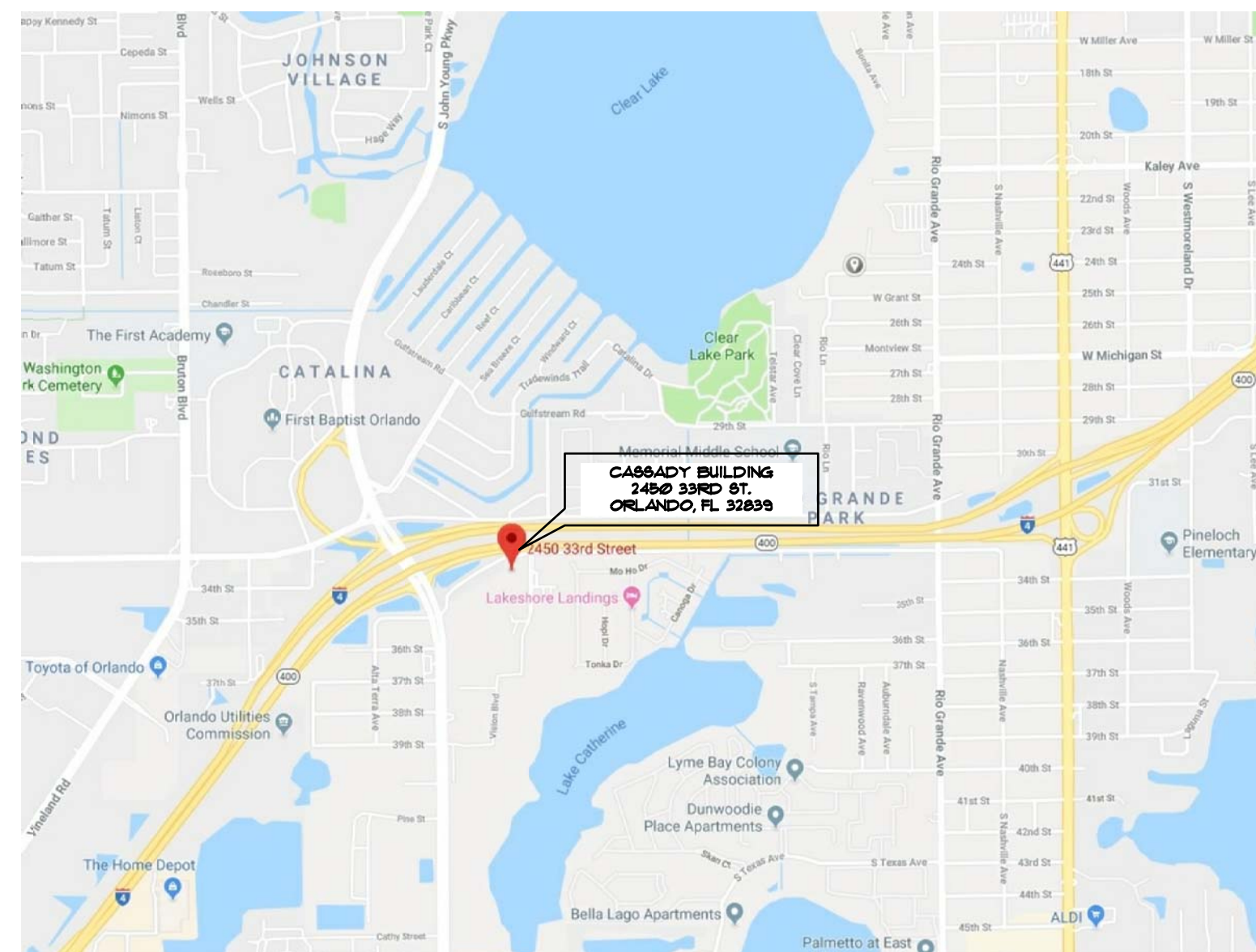
2450 33rd STREET  
ORLANDO, FL 32839



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

**BOARD OF COUNTY COMMISSIONERS**

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<b>Emily Bonilla</b>	<b>District 5</b>
<b>Victoria P. Siplin</b>	<b>District 6</b>



**SITE VICINITY MAP**

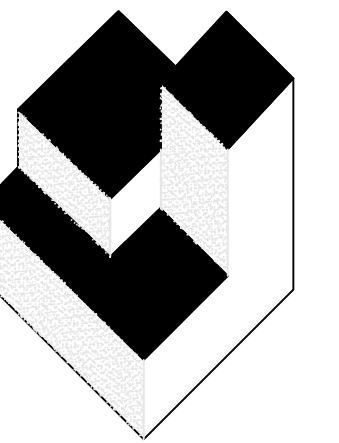
**DRAWING INDEX**

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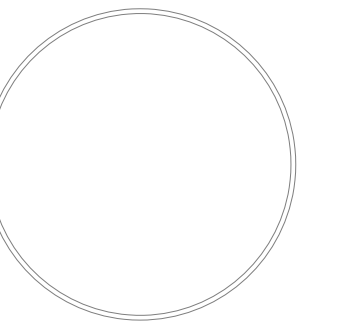
**rhodes + brito  
ARCHITECTS**

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407.648.7288 www.rbarchitects.com AA0002809



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

**REVISIONS**

NO.	DATE	BY:

**ORANGE COUNTY CASSADY  
BUILDING ROOF REPLACEMENT  
2430 33rd Street, Orlando FL 32839**

JOB NO.: 18049.00  
DRAWN BY: TG  
CHECKED BY: JW  
DATE: 07/19/2019  
SCALE: NOTED  
PLOT SCALE: 1=1



SHEET NO.:  
1 OF 14 SHEET(S)

COVER SHEET, VICINITY MAP AND DRAWING INDEX

PROJECT FOR:

FOR CONSTRUCTION/PERMITTING

**PHYSICAL CHARACTERISTICS SCHEDULE**

ROOF AREA NUMBER	ROOF SQ. FT.	EXISTING STRUCTURAL DECK TYPE	ESTIMATED SLOPE		ROOFING SYSTEM		DECK INSULATION		FLASHING METAL		
			EXISTING	PROPOSED	EXISTING	PROPOSED	EXISTING	PROPOSED	EXISTING	PROPOSED	
A/1	634	METAL DECK	1/4" FT.	ETR	SINGLE-PLY	SINGLE-PLY	1 1/2" PERLITE / TAPERED ISO. BD.	GYP. COVER BD. / 1.15" NON-TAP. ISO. / EXIST. TAP. ISO.	PRE-FIN. ALUM.	PRE-FIN. ALUM.	
A/2	581	METAL DECK	1/4" FT.	ETR	SINGLE-PLY	SINGLE-PLY	1 1/2" PERLITE / TAPERED ISO. BD.	GYP. COVER BD. / 1.15" NON-TAP. ISO. / EXIST. TAP. ISO.	PRE-FIN. ALUM.	PRE-FIN. ALUM.	
A/3	2,423	METAL DECK	1/4" FT.	ETR	SINGLE-PLY	SINGLE-PLY	1 1/2" PERLITE / TAPERED ISO. BD.	GYP. COVER BD. / 1.15" NON-TAP. ISO. / EXIST. TAP. ISO.	PRE-FIN. ALUM.	PRE-FIN. ALUM.	
A/4	2,073	METAL DECK	1/4" FT.	ETR	SINGLE-PLY	SINGLE-PLY	1 1/2" PERLITE / TAPERED ISO. BD.	GYP. COVER BD. / 1.15" NON-TAP. ISO. / EXIST. TAP. ISO.	PRE-FIN. ALUM.	PRE-FIN. ALUM.	
A/5	1,165	METAL DECK	1/4" FT.	ETR	SINGLE-PLY	SINGLE-PLY	1 1/2" PERLITE / TAPERED ISO. BD.	GYP. COVER BD. / 1.15" NON-TAP. ISO. / EXIST. TAP. ISO.	PRE-FIN. ALUM.	PRE-FIN. ALUM.	
A/6	1,741	METAL DECK	1/4" FT.	ETR	SINGLE-PLY	SINGLE-PLY	1 1/2" PERLITE / TAPERED ISO. BD.	GYP. COVER BD. / 1.15" NON-TAP. ISO. / EXIST. TAP. ISO.	PRE-FIN. ALUM.	PRE-FIN. ALUM.	
A/7	1,258	METAL DECK	1/4" FT.	ETR	SINGLE-PLY	SINGLE-PLY	1 1/2" PERLITE / TAPERED ISO. BD.	GYP. COVER BD. / 1.15" NON-TAP. ISO. / EXIST. TAP. ISO.	PRE-FIN. ALUM.	PRE-FIN. ALUM.	
A/8	1,760	METAL DECK	1/4" FT.	ETR	SINGLE-PLY	SINGLE-PLY	1 1/2" PERLITE / TAPERED ISO. BD.	GYP. COVER BD. / 1.15" NON-TAP. ISO. / EXIST. TAP. ISO.	PRE-FIN. ALUM.	PRE-FIN. ALUM.	
A/9	240	METAL DECK	1/4" FT.	ETR	SINGLE-PLY	SINGLE-PLY	1 1/2" PERLITE / TAPERED ISO. BD.	GYP. COVER BD. / 1.15" NON-TAP. ISO. / EXIST. TAP. ISO.	PRE-FIN. ALUM.	PRE-FIN. ALUM.	
A/10	244	METAL DECK	1/4" FT.	ETR	SINGLE-PLY	SINGLE-PLY	1 1/2" PERLITE / TAPERED ISO. BD.	GYP. COVER BD. / 1.15" NON-TAP. ISO. / EXIST. TAP. ISO.	PRE-FIN. ALUM.	PRE-FIN. ALUM.	
A/11	228	METAL DECK	1/4" FT.	ETR	SINGLE-PLY	SINGLE-PLY	1 1/2" PERLITE / TAPERED ISO. BD.	GYP. COVER BD. / 1.15" NON-TAP. ISO. / EXIST. TAP. ISO.	PRE-FIN. ALUM.	PRE-FIN. ALUM.	
A/12	220	METAL DECK	1/4" FT.	ETR	SINGLE-PLY	SINGLE-PLY	1 1/2" PERLITE / TAPERED ISO. BD.	GYP. COVER BD. / 1.15" NON-TAP. ISO. / EXIST. TAP. ISO.	PRE-FIN. ALUM.	PRE-FIN. ALUM.	
A/13	356	METAL DECK	1/4" FT.	ETR	SINGLE-PLY	SINGLE-PLY	1 1/2" PERLITE / TAPERED ISO. BD.	GYP. COVER BD. / 1.15" NON-TAP. ISO. / EXIST. TAP. ISO.	PRE-FIN. ALUM.	PRE-FIN. ALUM.	
A/14	356	METAL DECK	1/4" FT.	ETR	SINGLE-PLY	SINGLE-PLY	1 1/2" PERLITE / TAPERED ISO. BD.	GYP. COVER BD. / 1.15" NON-TAP. ISO. / EXIST. TAP. ISO.	PRE-FIN. ALUM.	PRE-FIN. ALUM.	
A/15	259	METAL DECK	1/4" FT.	ETR	SINGLE-PLY	SINGLE-PLY	1 1/2" PERLITE / TAPERED ISO. BD.	GYP. COVER BD. / 1.15" NON-TAP. ISO. / EXIST. TAP. ISO.	PRE-FIN. ALUM.	PRE-FIN. ALUM.	
A/16	350	METAL DECK	1/4" FT.	ETR	SINGLE-PLY	SINGLE-PLY	1 1/2" PERLITE / TAPERED ISO. BD.	GYP. COVER BD. / 1.15" NON-TAP. ISO. / EXIST. TAP. ISO.	PRE-FIN. ALUM.	PRE-FIN. ALUM.	
A/17	356	METAL DECK	1/4" FT.	ETR	SINGLE-PLY	SINGLE-PLY	1 1/2" PERLITE / TAPERED ISO. BD.	GYP. COVER BD. / 1.15" NON-TAP. ISO. / EXIST. TAP. ISO.	PRE-FIN. ALUM.	PRE-FIN. ALUM.	
A/18	259	METAL DECK	1/4" FT.	ETR	SINGLE-PLY	SINGLE-PLY	1 1/2" PERLITE / TAPERED ISO. BD.	GYP. COVER BD. / 1.15" NON-TAP. ISO. / EXIST. TAP. ISO.	PRE-FIN. ALUM.	PRE-FIN. ALUM.	
B/1	3,353	METAL DECK	1/4" FT.	ETR	SINGLE-PLY	SINGLE-PLY	1 1/2" PERLITE / TAPERED ISO. BD.	GYP. COVER BD. / 1.15" NON-TAP. ISO. / EXIST. TAP. ISO.	PRE-FIN. ALUM.	PRE-FIN. ALUM.	
D/1	397	METAL DECK	1/4" FT.	1/4" FT.	SINGLE-PLY	SINGLE-PLY	GYP. COVER BD. / TAP. PERLITE	GYP. COVER BD. / TAPERED RIGID ISO.	PRE-FIN. ALUM.	ST. STL.	
E/1	466	METAL DECK	1/4" FT.	1/4" FT.	SINGLE-PLY	SINGLE-PLY	GYP. COVER BD. / TAP. PERLITE	GYP. COVER BD. / TAPERED RIGID ISO.	PRE-FIN. ALUM.	ST. STL.	
F/1	1,071	METAL DECK	1/4" FT.	1/4" FT.	SINGLE-PLY	SINGLE-PLY	GYP. COVER BD. / TAP. PERLITE	GYP. COVER BD. / TAPERED RIGID ISO.	PRE-FIN. ALUM.	ST. STL.	
F/2	251	METAL DECK	1/4" FT.	1/4" FT.	SINGLE-PLY	SINGLE-PLY	GYP. COVER BD. / TAP. PERLITE	GYP. COVER BD. / TAPERED RIGID ISO.	PRE-FIN. ALUM.	ST. STL.	
G/1	514	METAL DECK	1/4" FT.	1/4" FT.	SINGLE-PLY	SINGLE-PLY	GYP. COVER BD. / TAP. PERLITE	GYP. COVER BD. / TAPERED RIGID ISO.	PRE-FIN. ALUM.	ST. STL.	
H/1	1,185	METAL DECK	1/4" FT.	1/4" FT.	SINGLE-PLY	SINGLE-PLY	GYP. COVER BD. / TAP. PERLITE	GYP. COVER BD. / TAPERED RIGID ISO.	PRE-FIN. ALUM.	ST. STL.	
TOTAL		21,146 SQ. FT. - SINGLE-PLY ROOF REPLACEMENT AREA.									

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.

**FLORIDA BLDG CODE DATA**

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

**LOWER ROOF**

Risk Category	III
Wind Spe - Ultimate	144 MPH
- Nominal (Actual)	112 MPH
Building Enclosure	PE
Building Exposure	B
Internal Pressure Coefficient	0.55
Mean Roof Height	15.00
Edge / Corner Zone Width	3.0 FT

Ultimate (Factored) Wind Design Pressures

Zone 1 (Field)	27 / -49	PSF
Zone 2 (Edge)	27 / -74	PSF
Zone 3 (Corner)	27 / -106	PSF
Zone 4 (Wall)	46 / -50	PSF
Zone 5 (Corner)	46 / -60	PSF

Actual (Unfactored) Wind Design Pressures

Zone 1 (Field)	16 / -29	PSF
Zone 2 (Edge)	16 / -45	PSF
Zone 3 (Corner)	16 / -64	PSF
Zone 4 (Wall)	28 / -30	PSF
Zone 5 (Corner)	28 / -36	PSF

**UPPER ROOF**

Risk Category	III
Wind Spe - Ultimate	144 MPH
- Nominal (Actual)	112 MPH
Building Enclosure	PE
Building Exposure	B
Internal Pressure Coefficient	0.55
Mean Roof Height	29.00
Edge / Corner Zone Width	11.6 FT

Ultimate (Factored) Wind Design Pressures

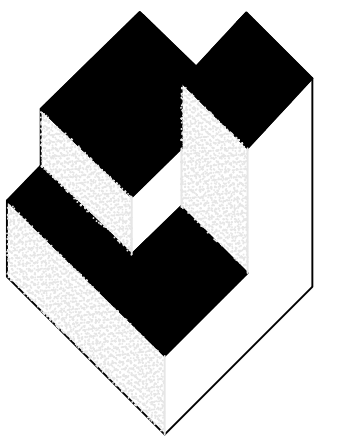
Zone 1 (Field)	27 / -49	PSF
Zone 2 (Edge)	27 / -74	PSF
Zone 3 (Corner)	27 / -106	PSF
Zone 4 (Wall)	46 / -50	PSF
Zone 5 (Corner)	46 / -60	PSF

Actual (Unfactored) Wind Design Pressures

Zone 1 (Field)	16 / -29	PSF
Zone 2 (Edge)	16 / -45	PSF
Zone 3 (Corner)	16 / -64	PSF
Zone 4 (Wall)	28 / -30	PSF
Zone 5 (Corner)	28 / -36	PSF

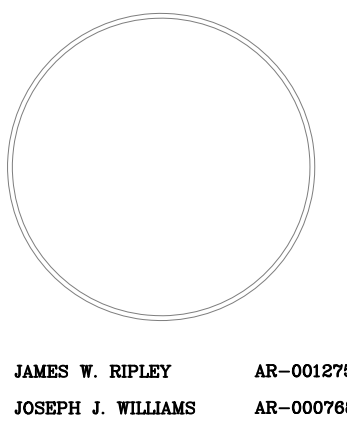
**BUILDING CODE NOTES:**

- 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.



**A/R/C Associates Incorporated**

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REVISIONS

NO.	DATE	BY:

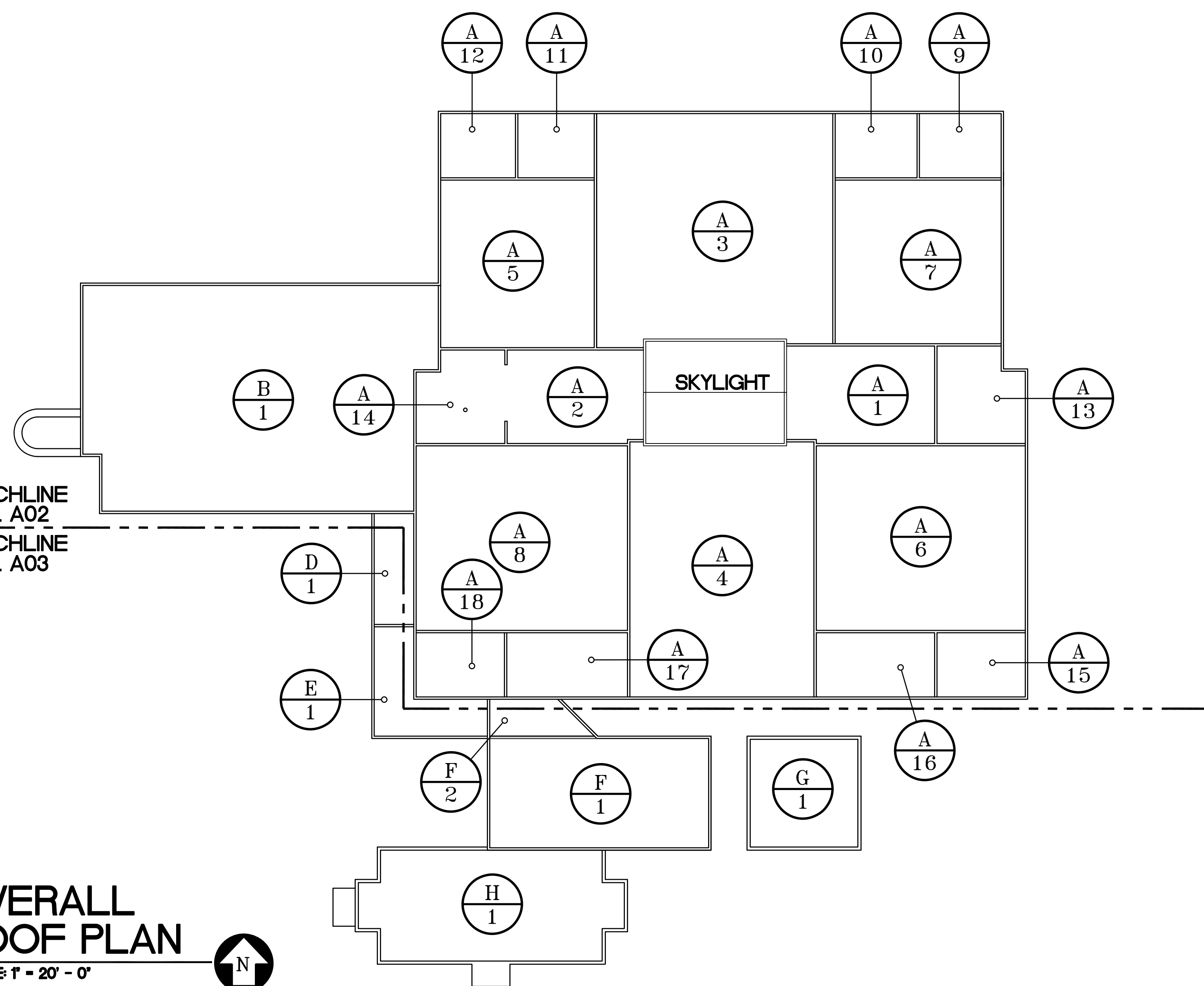
OVERALL ROOF PLAN, PHYSICAL CHARACTERISTICS SCHEDULE, AND BUILDING CODE DATA

PROJECT FOR:  
**ORANGE COUNTY CASSADY BUILDING ROOF REPLACEMENT**  
2430 33rd Street, Orlando FL 32839

JOB NO.: 18049.00  
DRAWN BY: TJG  
CHECKED BY: JJW  
DATE: 07/19/19  
SCALE: AS NOTED  
PLOT SCALE: 1=1

**A01**  
SHEET NO.:  
2 OF 14 SHEET(S)

FOR CONSTRUCTION/PERMITTING

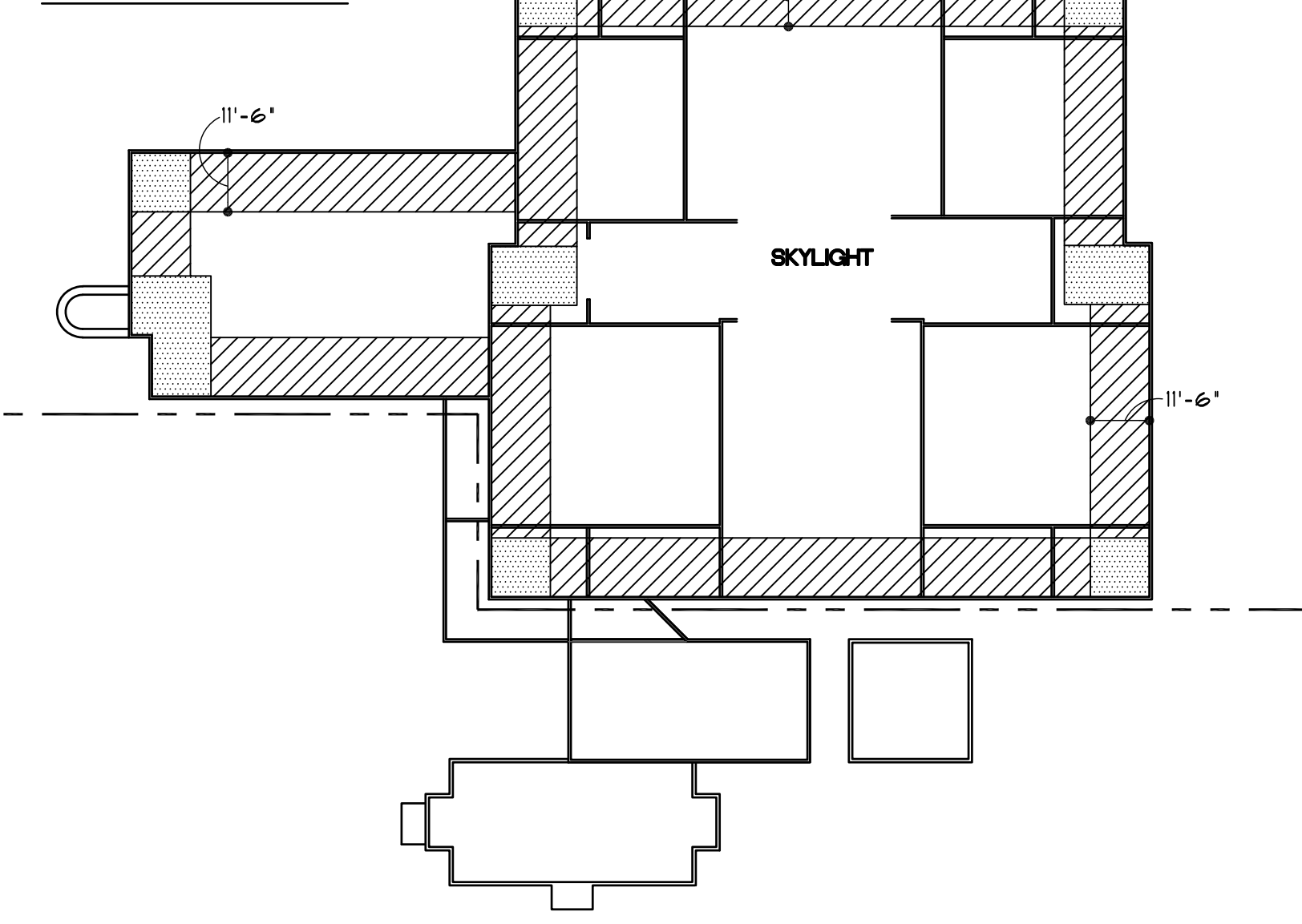


MATCHLINE DWG. A02  
MATCHLINE DWG. A03

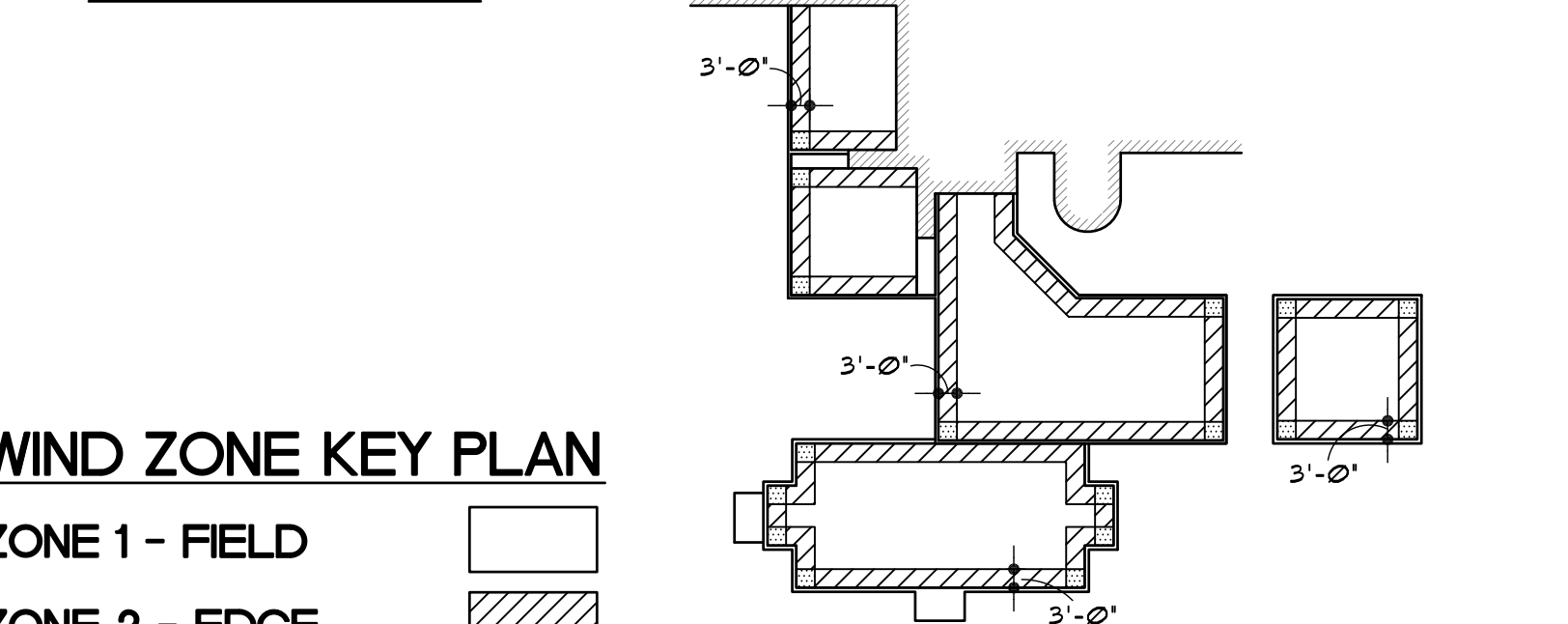
**OVERALL ROOF PLAN**  
SCALE: 1" = 20' - 0"



**UPPER ROOF**

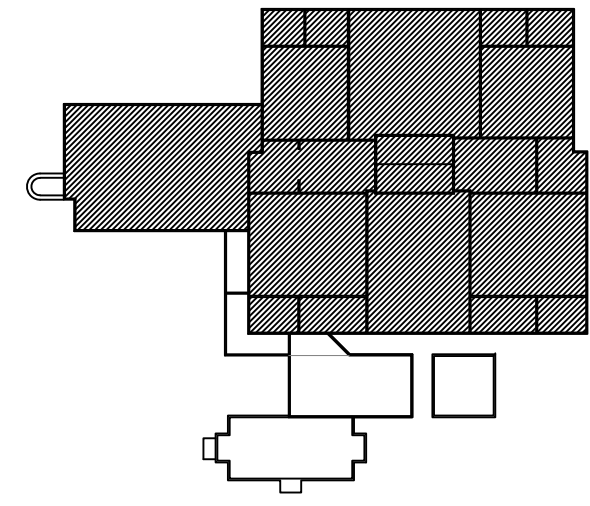


**LOWER ROOF**

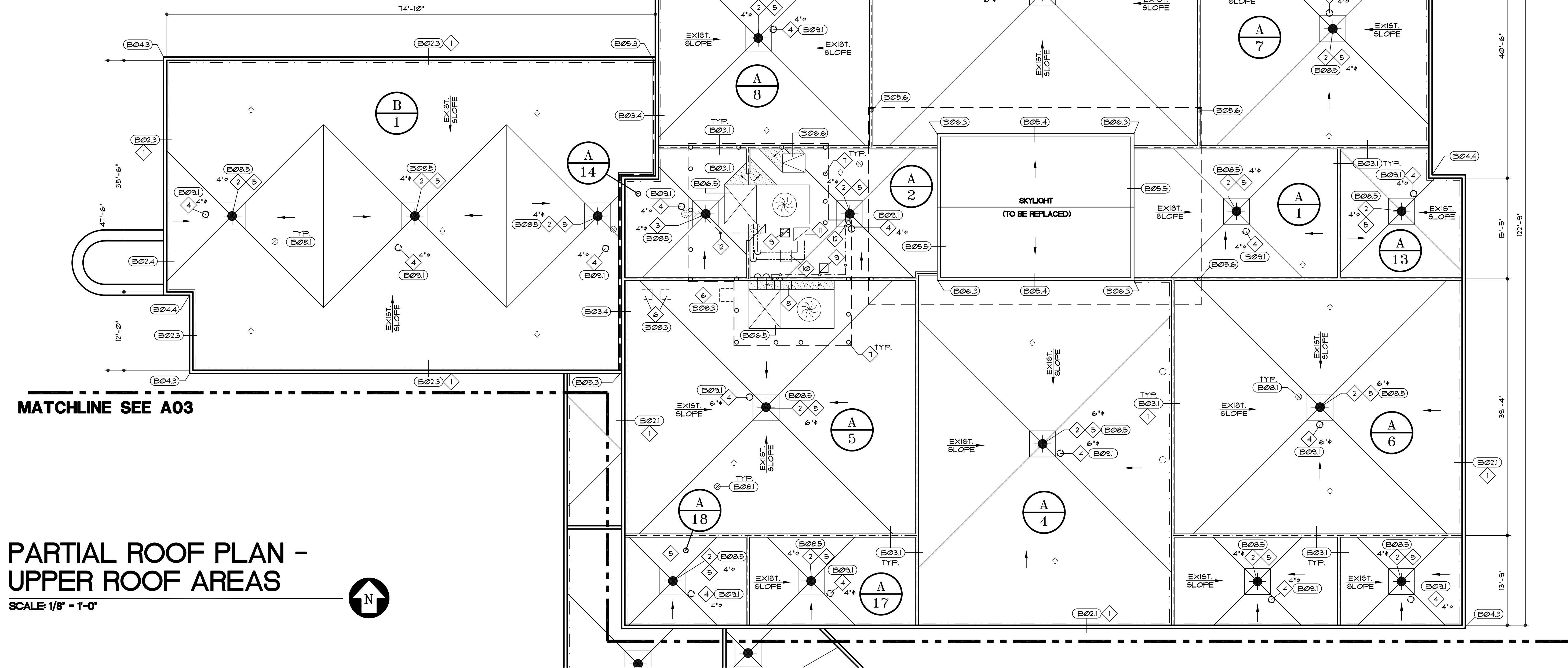


**WIND ZONE KEY PLAN**

- ZONE 1 - FIELD
- ZONE 2 - EDGE
- ZONE 3 - CORNER



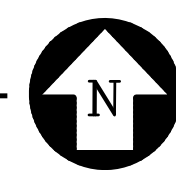
KEY PLAN



MATCHLINE SEE A03

**PARTIAL ROOF PLAN - UPPER ROOF AREAS**

SCALE: 1/8" = 1'-0"



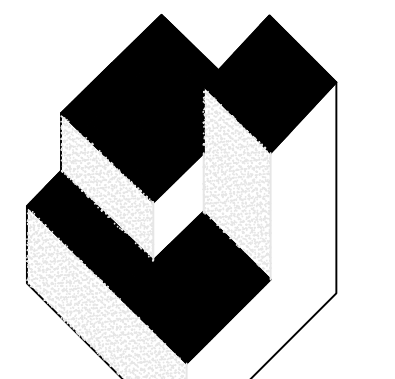
**SPECIFIC NOTES**

- 1 REMOVE AND STORE EXIST. LIGHTNING PROTECTION SYSTEM - REINSTALL AFTER NEW ROOF SYSTEM IS IN PLACE - SEE DETAILS (B024) & (B025) (B026) - REPLACE ANY DAMAGED EQUIPMENT.
- 2 REMOVE & 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 TO BE REUSED.
- 3 RELOCATE PRIMARY DRAIN A MIN. OF 2' FROM SCREEN ENCLOSURE POST SUPPORT. (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 DECK. EXISTING LEADER PIPING TO BE RE-USED.
- 4 REMOVE & REPLACE OVERFLOW ROOF DRAIN AT THE EXIST. LOCATION, (MATCH EXIST. DRAIN SIZE), RECONNECT TO THE EXIST. LEADER PIPING. FLASH PER DETAIL NOTED.
- 5 ROD, BLOW 4/OR SNAKE ALL EXISTING DRAIN LEADER LINES TO ENSURE THEY ARE CLEAR AND FULLY FUNCTIONAL, INFORM OWNER OF ANY DRAINAGE PROBLEMS.
- 6 REMOVE EXISTING ABANDONED & CAPPED CURB - CONSTRUCT NEW DECK INFILL PER DETAIL NOTED.
- 7 EXISTING ENCLOSURE SUPPORT POST FLASHING DETAIL. FULLY PREP AND CLEAN PRIOR TO INSTALLING A SQUARE PRE-FAB FLASHING 'BOOT' PER DETAIL (B064)
- 8 INSTALL 1/2" PER FOOT TAPERED RIGID CRICKET BETWEEN AREA DIVIDER AND LARGE HVAC UNIT.
- 9 LOCATE NEW WEATHERHEAD CURB, INSTALL FABRICATION AND FLASH AS INDICATED PER DETAIL (B011). ROUTE CONDUIT BELOW AND PENETRATE THRU DECK AS REQ'D. FIELD VERIFY ROUTE THRU EXISTING PLENUM SPACE. COORDINATE ON-SITE WITH OWNER AND ARCHITECT'S REPRESENTATIVE.
- 10 EXISTING HEAVY DUTY ALUMINUM PLATFORM TO REMAIN. RAISE AS REQUIRED TO ADJUST FOR NEW ROOF THICKNESS. PLACE ADDITIONAL MEMBRANE ALONG BASE.
- 11 EXISTING WEATHERHEAD CURB AND FABRICATION HOOD TO REMAIN. CLEAN AND PREP TO INSTALL NEW FLASHING PER DETAIL (B014).
- 12 PROVIDE NEW A/C CONDENSATE DRAIN USING FIELD PAINTED, UV RESISTANT PVC PIPING ON COMPOSITE SUPPORT BLOCK AT 4'-0" O.C. MAX. SEE DETAIL (B016).
- 13 THRU WALL PVC PIPE PENETRATION FOR PRIMARY AND SECONDARY DRAINAGE. FLASH SIMILAR PER DETAIL (B022) AT VERTICAL SURFACE. APPLY 2'x4' SACRIFICIAL MEMBRANE BELOW OPEN PIPE.

**SYMBOLS LEGEND**

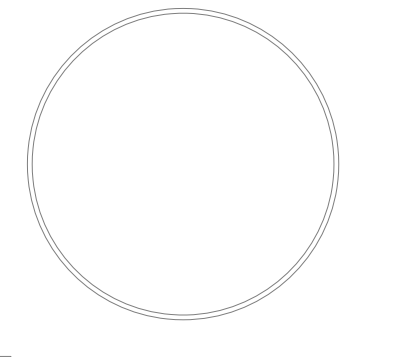
- |  |                                |  |   |
|--|--------------------------------|--|---|
|  | PARAPET WALL                   |  | EXIST. MOISTURE RELIEF (TO BE REMOVED)                |
|  | TAPER LINE                     |  | EXIST. COLUMN SUPPORT                                 |
|  | EXPANSION JOINT                |  | GOOSENECK   |
|  | AREA DIVIDER                   |  | LARGE HVAC  |
|  | SCUPPER (TO BE REMOVED)        |  | 1/2' FT CRICKET AT HIGH SIDE OF CURB & INSIDE CORNERS |
|  | LIGHTNING PROTECTION           |  | ROOF HATCH  |
|  | SCREEN ENCLOSURE               |  | SPECIFIC NOTE   |
|  | ROOF DRAIN W/ 3/4" SLOPE SUMP  |  | ROOF AREA IDENTIFICATION                              |
|  | EXIST. OVERFLOW DRAIN          |  | WALKWAY AREA IDENTIFICATION                           |
|  | WEATHERHEAD                    |  | SPECIFIC NOTE TAG                                     |
|  | ABANDONED CURB (TO BE REMOVED) |  |   |
|  | VENT STACK                     |  |   |

PARTIAL ROOF PLAN - UPPER ROOF AREAS, SYMBOLS LEGEND AND SPECIFIC NOTES



**A/R/C Associates Incorporated**

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

**REVISIONS**

NO.	DATE	BY:

**ORANGE COUNTY CASSADY BUILDING ROOF REPLACEMENT**  
2430 33rd Street, Orlando FL 32839

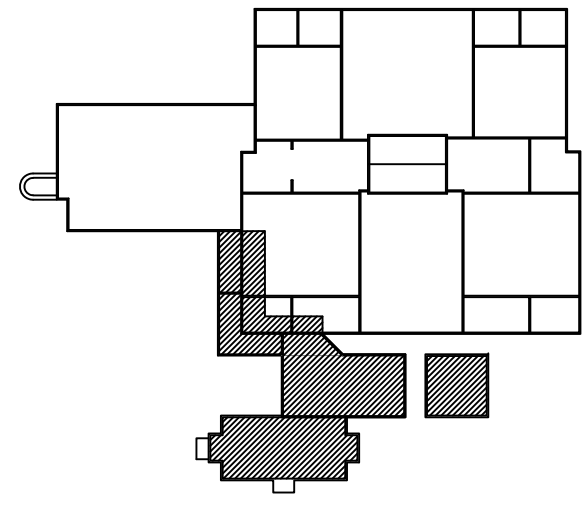
PROJECT FOR:

JOB NO.: 18049.00  
DRAWN BY: TJG  
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SCALE: AS NOTED  
PLOT SCALE: 1=1

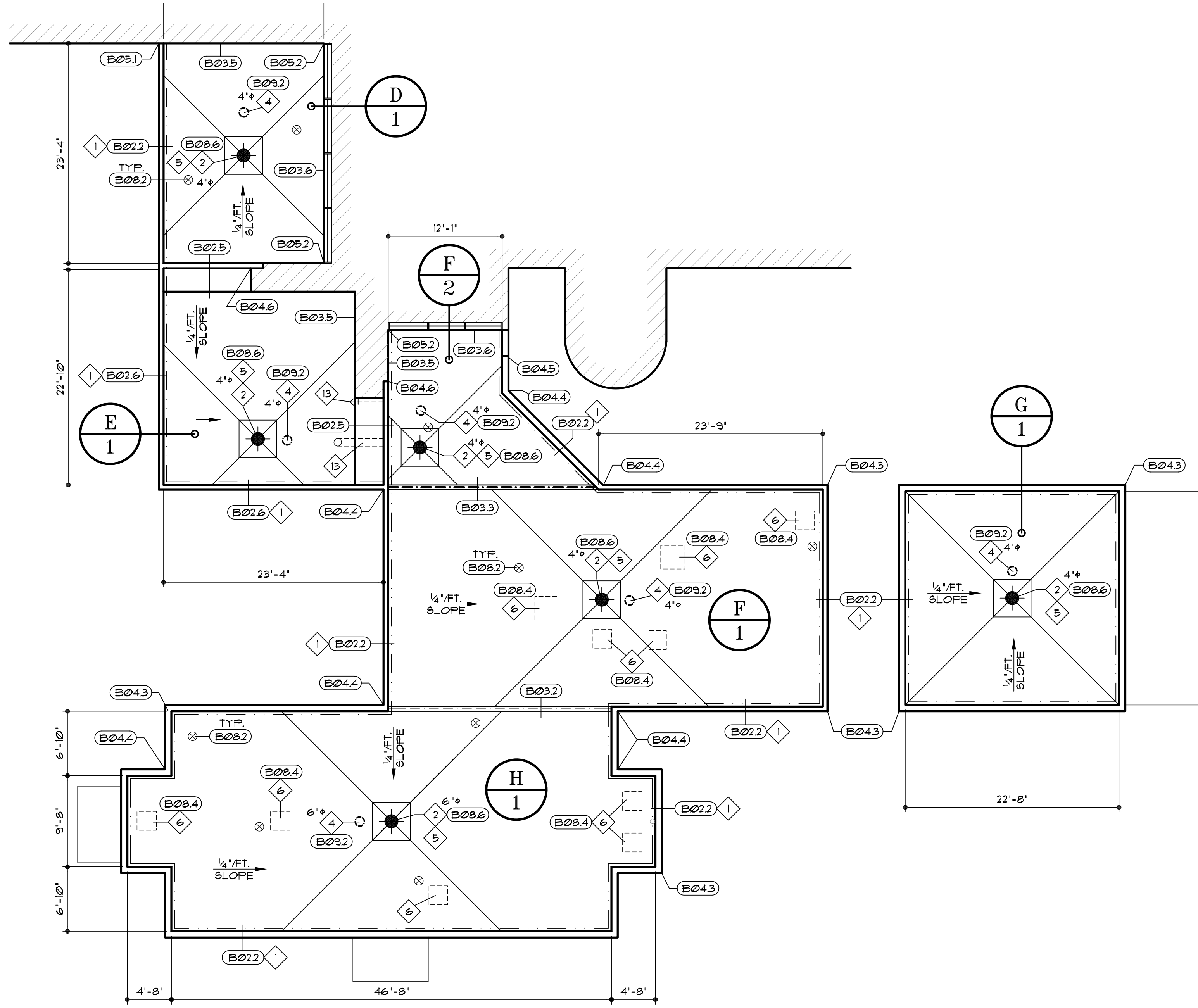
**A02**

SHEET NO.: 3 OF 14 SHEET(S)

FOR CONSTRUCTION/PERMITTING

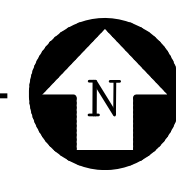


KEY PLAN



# PARTIAL ROOF PLAN - LOWER ROOF AREAS

SCALE: 1/8" = 1'-0"



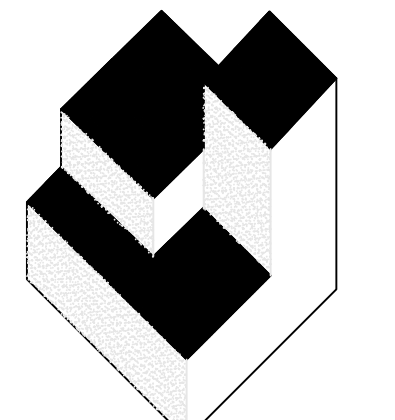
## SPECIFIC NOTES

- 1 REMOVE AND STORE EXIST. LIGHTNING PROTECTION SYSTEM - REINSTALL AFTER NEW ROOF SYSTEM IS IN PLACE - SEE DETAILS (B03.4) & (B03.5) (B03.6) - REPLACE ANY DAMAGED EQUIPMENT.
- 2 REMOVE & 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 TO BE REUSED.
- 3 RELOCATE PRIMARY DRAIN A MIN. OF 2' FROM SCREEN ENCLOSURE POST SUPPORT. (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 DECK. EXISTING LEADER PIPING TO BE RE-USED.
- 4 REMOVE & REPLACE OVERFLOW ROOF DRAIN AT THE EXIST. LOCATION, (MATCH EXIST. DRAIN SIZE), RECONNECT TO THE EXIST. LEADER PIPING. FLASH PER DETAIL NOTED.
- 5 ROD, BLOW & OR SNAKE ALL EXISTING DRAIN LEADER LINES TO ENSURE THEY ARE CLEAR AND FULLY FUNCTIONAL, INFORM OWNER OF ANY DRAINAGE PROBLEMS.
- 6 REMOVE EXISTING ABANDONED & CAPPED CURB - CONSTRUCT NEW DECK INFILL PER DETAIL NOTED.
- 7 EXISTING ENCLOSURE SUPPORT POST FLASHING DETAIL. FULLY PREP AND CLEAN PRIOR TO INSTALLING A SQUARE PRE-FAB FLASHING 'BOOT' PER DETAIL (B06.4)
- 8 INSTALL 1/2" PER FOOT TAPERED RIGID CRICKET BETWEEN AREA DIVIDER AND LARGE HVAC UNIT.
- 9 LOCATE NEW WEATHERHEAD CURB, INSTALL FABRICATION AND FLASH AS INDICATED PER DETAIL (B07.1). ROUTE CONDUIT BELOW AND PENETRATE THRU DECK AS REQ'D. FIELD VERIFY ROUTE THRU EXISTING PLENUM SPACE. COORDINATE ON-SITE WITH OWNER AND ARCHITECT'S REPRESENTATIVE.
- 10 EXISTING HEAVY DUTY ALUMINUM PLATFORM TO REMAIN. RAISE AS REQUIRED TO ADJUST FOR NEW ROOF THICKNESS. PLACE ADDITIONAL MEMBRANE ALONG BASE.
- 11 EXISTING WEATHERHEAD CURB AND FABRICATION HOOD TO REMAIN. CLEAN AND PREP TO INSTALL NEW FLASHING PER DETAIL (B07.4)
- 12 PROVIDE NEW A/C CONDENSATE DRAIN USING FIELD PAINTED, UV RESISTANT PVC PIPING ON COMPOSITE SUPPORT BLOCK AT 4'-0" O.C. MAX. SEE DETAIL (B07.6)
- 13 THRU WALL PVC PIPE PENETRATION FOR PRIMARY AND SECONDARY DRAINAGE. FLASH SIMILAR PER DETAIL (B08.2) AT VERTICAL SURFACE. APPLY 2'x4' SACRIFICIAL MEMBRANE BELOW OPEN PIPE.

## SYMBOLS LEGEND

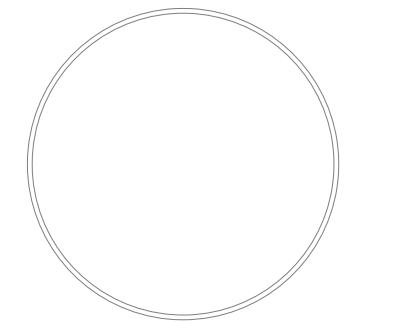
- |  |                                |  |  |
|--|--------------------------------|--|--|
|  | PARAPET WALL                   |  | EXIST. MOISTURE RELIEF (TO BE REMOVED)               |
|  | TAPER LINE                     |  | EXIST. COLUMN SUPPORT                                |
|  | EXPANSION JOINT                |  | GOOSENECK  |
|  | AREA DIVIDER                   |  | LARGE HVAC   |
|  | SCUPPER (TO BE REMOVED)        |  | 1/2 FT CRICKET AT HIGH SIDE OF CURB & INSIDE CORNERS |
|  | LIGHTNING PROTECTION           |  | ROOF HATCH   |
|  | SCREEN ENCLOSURE               |  | SPECIFIC NOTE  |
|  | ROOF DRAIN w/ 3/4" SLOPE SUMP  |  | ROOF AREA IDENTIFICATION                             |
|  | EXIST. OVERFLOW DRAIN          |  | WALKWAY AREA IDENTIFICATION                          |
|  | WEATHERHEAD                    |  | SPECIFIC NOTE TAG                                    |
|  | ABANDONED CURB (TO BE REMOVED) |  |  |
|  | VENT STACK                     |  |  |

PARTIAL ROOF PLAN - LOWER ROOF AREAS, SYMBOLS LEGEND AND SPECIFIC NOTES



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### REVISIONS

NO.	DATE	BY:

# ORANGE COUNTY CASSADY BUILDING ROOF REPLACEMENT

2430 33rd Street, Orlando FL 32839

PROJECT FOR:

JOB NO.: 18049.00  
DRAWN BY: TJG  
CHECKED BY: JJW  
DATE: 07/19/19  
SCALE: AS NOTED  
PLOT SCALE: 1=1

**A03**

SHEET NO.: 3 OF 14 SHEET(S)

FOR CONSTRUCTION/PERMITTING

# GENERAL ROOFING NOTES

- 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.
- THE ROOF PLAN IS GENERAL IN NATURE & INDICATES APPROXIMATE EXISTING CONDITIONS AT THE PROJECT SITE. ALL BLDGS. 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, & VERIFICATION OF CONFORMANCE WITH THE LOCAL BUILDING CODE.
- PRIOR TO THE START OF ANY WORK, THE CONTRACTOR WITH THE PROJECT ARCHITECT AND OWNERS 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, LIGHT FIXTURES, EXTERIOR AND INTERIOR WALL FINISHES, AND SIDEWALKS, ETC. PARTICULARLY IN THOSE AREAS WHERE EXISTING LEAKS ARE PRESENT.
- ALL MECHANICAL SYSTEMS & INDIVIDUAL COMPONENTS (EQUIPMENT) SHALL BE OPERATED IN THE PRESENCE OF REPRESENTATIVES OF BOTH THE CONTRACTOR AND OWNER PRIOR TO ANY DEMOLITION OR DISCONNECTION OF MECHANICAL FUNCTIONS, IN ORDER TO ESTABLISH WORKING ORDER AND OPERATING CONDITIONS.
- 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.
- 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. VERIFY LOCATIONS OF ALL ROOFTOP EQUIPMENT AND ROOF PENETRATIONS SO AS TO AVOID CONFLICT WITH WALLS, ROOF EDGES, AND OTHER PENETRATIONS. RELOCATE ANY SUCH EQUIPMENT OR ROOF PENETRATIONS A MINIMUM OF TWO FEET AWAY FROM OTHER ROOFTOP EQUIPMENT, WALLS, ROOF EDGES OR OTHER PENETRATIONS SO AS TO ELIMINATE THIS CONFLICT.
- CONTRACTOR SHALL NOT USE ANY HEAVY MACHINERY ON THE ROOF (BOBCATS, ETC.)
- 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.
- REMOVE AND INFILL AS NECESSARY ANY, AND ALL SMALL ROOF PENETRATIONS WHICH HAVE BEEN ABANDONED, SUCH AS PITCH PANS, SMALL CONDUITS, MEMBRANE VENTS, ETC. NOT ALL OF THESE ARE SHOWN ON THE DRAWINGS.
- 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.
- 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.
- CONTRACTOR SHALL OBTAIN AND SUBMIT TO THE 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 IF DRAINAGE SLOPES AND PATTERNS VARY SIGNIFICANTLY FROM EXISTING CONDITIONS.
- 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.
- PERIMETER COPING MAY VARY IN DIMENSIONAL REQUIREMENTS. THE BIDDERS IS TO VERIFY BLOCKING REQUIREMENTS IN EACH ROOF AREA PRIOR TO BIDDING.
- 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.
- 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 ACCORDING TO ASCE 7, AND AS INDICATED WITHIN FLORIDA BLDG. CODE DATA.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR AND PAINTING / FINISHING 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.
- CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE, REINSTALL, OR REPLACE ALL CEILING PANELS AND/OR CEILING GRIDS WHICH MAY HAVE BEEN DISTURBED OR DAMAGED DURING THE CONSTRUCTION PROCESS.
- ANY EQUIPMENT, VENTS, CURBS, ETC. FOUND UNDER EXISTING ROOF ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN WRITING FOR PROPER COORDINATION.
- 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.
- CONTRACTOR SHALL PROVIDE ALL SUPPLEMENTAL MATERIALS REQUIRED TO PROPERLY INSTALL, SUPPORT AND BRACE ALL ITEMS & COMPONENTS WITHIN THE WORK.
- CONTRACTOR SHALL COMPLETE AND SUBMIT FORM 1525, AS PER FBC 2011, FOR ROOFING APPLICATION PERMIT, AS WELL AS ANY OTHER ASSOCIATED DATA, CALCULATIONS, PRODUCT APPROVALS, ETC. AS MAY BE REQUIRED BY THE PERMITTING AUTHORITIES.

# ABBREVIATIONS

ADJ	ADJACENT	DIA	DIAMETER	LW	LIGHTWEIGHT	RAD	RADIUS
A/C	AIR CONDITIONING	DIM	DIMENSION	LLH	LONG LEG HORIZONTAL	RUL	RAINWATER LEADER
ALT	ALTERNATE	DS	DOWNSPOUT	LLV	LONG LEG VERTICAL	REF	REFERENCE
ALUM	ALUMINUM	DWG	DRAWING	MFR	MANUFACTURE(ER)	REINF	REINFORCE (D), (MENT)
ANOD	ANODIZED	E	EAST	MATL	MATERIAL(S)	RCP	REINF. CONCRETE PIPE
APPROX	APPROXIMATE	ELEC	ELECTRIC(AL)	MAX	MAXIMUM	REV	REVISION
ARCH	ARCHITECT(URAL)	EL (ELEV)	ELEVATION	MECH	MECHANIC(AL)	RD	ROOF DRAIN
BRG	BEARING	EQ	EQUAL	MTL	METAL	RO	ROUGH OPENING
BIT	BITUMINOUS BITUMEN	EQUIP	EQUIPMENT	MIN	MINIMUM	SCH	SCHEDULE
BLK	BLOCK	EXH	EXHAUST	MISC	MISCELLANEOUS	SEAL	SEALANT
BLKG	BLOCKING	EXIST	EXISTING	MOD	MODIFY / MODIFIED	SHT	SHEET
BD	BOARD	EXP	EXPANSION	MTD	MOUNTED(ING)	SIM	SIMILAR
BOT	BOTTOM	EXT	EXTERIOR	NOM	NOMINAL	S	SOUTH
BLDG	BUILDING	FIN	FINISH(ED)	N	NORTH	SFK	SPEAKER
BUR	BUILT UP ROOF	FLASH	FLASHING	NIC	NOT IN CONTRACT	SPEC	SPECIFICATION(S)
CIP	CAST-IN-PLACE	FLEX	FLEXIBLE	NTS	NOT TO SCALE	SQ	SQUARE
CB	CATCH BASIN	FTG	FOOTING	NO	NUMBER	SF	SQUARE FEET
CLG	CEILING	FDN	FOUNDATION	OC	ON CENTER(S)	ST	STAINLESS STEEL
COL	COLUMN	GA	GAGE (GAUGE)	OCEW	ON CENTER EACH WAY	STD	STANDARD
COMP	COMPRESS, (ION), (IBLE)	GALV	GALVANIZED	OPG	OPENING	STL	STEEL
CONC	CONCRETE	GWB	GYPSONUM WALL BOARD	OPP	OPPOSITE	STRUCT	STRUCTURAL
CMU	CONCRETE MASONRY UNIT	HDWE	HARDWARE	OD	OUTSIDE DIAMETER	THK	THICK(NESS)
CONST	CONSTRUCTION	HYAC	HEATING/VENTILATION /AIR CONDITIONING	FTD	PAINT(ED)	T 4 G	TONGUE AND GROOVE TYPICAL
CONT	CONTINUOUS OR CONTINUE	HT (HGT)	HEIGHT	FR	FAIR	UNO	UNLESS NOTED OTHERWISE
CJ	CONTROL JOINT	HM	HOLLOW METAL	PL	PLATE	UNO	UNLESS NOTED OTHERWISE
CTR	CENTER	HORIZ	HORIZONTAL	PLYWD	PLYWOOD	VERT	VERTICAL
CF	CUBIC FOOT	INCL	INCLUDE(D), (ING)	PVC	POLYVINYL CHLORIDE	WUF	WELDED WIRE FABRIC
DEMO	DEMOLISH, DEMOLITION	ID	INSIDE DIAMETER	P&F	POUNDS PER SQUARE FOOT	W	WEST
DET	DETAIL	INSUL	INSULATE(D), (ION)	P91	POUNDS PER SQUARE INCH	WM	WIRE MESH
DIAG	DIAGONAL	INT	INTERIOR	PC	PRECAST CONCRETE	W	WITH
		JT	JOINT	PT	PRESSURE TREATED	W/O	WITHOUT
						WD	WOOD

# ROOF COMPONENT FASTENING SCHEDULE

## A. GENERAL NOTES:

- THIS SCHEDULE AND THE FASTENING METHODS INDICATED HEREIN ARE INTENDED TO ADDRESS TYPICAL CONDITIONS, AND MAY NOT APPLY TO ALL CONDITIONS FOR THIS PROJECT.
- CONTRACTOR / INSTALLER MUST ALSO REFER TO THE DETAILS FOR THIS SPECIFIC PROJECT. IN THE CASE OF CONFLICTING DATA, THE PROJECT SPECIFIC DETAILS SHALL GOVERN.
- FOR ALL CONDITIONS NOT COVERED WITHIN SCHEDULE, REFER TO FASTENER REQUIREMENTS OF THE SPECIFICATIONS OR CONSULT WITH THE ARCHITECT.
- MANUFACTURERS OF SPECIALITY FASTENER SHALL PERFORM FIELD TESTS TO VERIFY WITHDRAWAL VALUES AND FASTENING PATTERNS FOR THE SPECIFIC PROJECT CONDITIONS PRIOR TO INSTALLATION. A WRITTEN REPORT SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL.
- ALL EXPOSED FASTENERS AND THOSE USED IN PRESSURE TREATED LUMBER SHALL BE STAINLESS STEEL. ALL OTHERS MUST HAVE A CORROSION RESISTANT COATING THAT EXCEEDS F.M. APPROVAL STANDARD 4470, UNLESS NOTED OTHERWISE.
- ALL FASTENERS AND THEIR INSTALLATION METHODS MUST COMPLY WITH THE REQUIREMENTS DEFINED IN THE FLORIDA BUILDING CODE, ROOFING APPLICATION STANDARD (RAS) NO. III - 'STANDARD REQUIREMENTS FOR ATTACHMENT OF PERIMETER WOOD BLOCKING AND METAL FLASHINGS', UNLESS NOTED OTHERWISE.

## B. WOOD BLOCKING (2" NOMINAL THICKNESS):

- CONCRETE: 3/8" DIA. ST. STL. SELF-TAPPING MASONRY SCREW AT 16" O.C. MAX., LENGTH AS REQUIRED FOR 1.75" MIN. EMBEDMENT. OPTION: 5/16" DIA. DEFORMED OR FLUTED NAIL AT 12" O.C. MAX., LENGTH AS REQUIRED FOR 1.25" MIN. EMBEDMENT. COUNTERSINK HEADS AS REQUIRED.
- CONCRETE BLOCK (CMU): 3/8" DIA. ST. STL. SELF-TAPPING MASONRY SCREW AT 12" O.C. MAX., LENGTH AS REQUIRED FOR 1.75" MIN. EMBEDMENT. OPTION: 3/8" DIA. HEAVY DUTY SLEEVE STYLE EXPANSION BOLT ANCHOR (RAUL-BOLT) @ 18" O.C., LENGTH AS REQUIRED FOR 2" MIN. EMBEDMENT. COUNTER-SINK HEADS AS REQUIRED.
- BRICK: 3/8" DIA. ST. STL. SELF-TAPPING MASONRY SCREW AT 12" O.C. MAX., LENGTH AS REQUIRED FOR 1.75" MIN. EMBEDMENT. OPTION: 3/8" DIA. HEAVY DUTY SLEEVE STYLE EXPANSION BOLT ANCHOR (RAUL-BOLT) @ 18" O.C., LENGTH AS REQUIRED FOR 2" MIN. EMBEDMENT. COUNTERSINK HEADS AS REQUIRED.
- STRUCTURAL STEEL: 1/4" DIA. ST. STL. SELF-DRILLING SELF-TAPPING SCREWS WITH 'WINGS' @ 16" O.C. MAX., LENGTH AS REQUIRED FOR 1/2" MIN. PENETRATION OF THREADS THROUGH STEEL. COUNTERSINK HEADS AS REQUIRED.
- METAL DECK: 1/4" DIA. ST. STL. SELF-TAPPING 'DECK' SCREWS AT 12" O.C. MAX., LENGTH AS REQUIRED FOR 1/2" MIN. PENETRATION THROUGH UNDERSIDE OF DECK. COUNTERSINK HEADS AS REQUIRED.
- LIGHT GAGE METAL FRAMING: 1/4" DIA. ST. STL. SELF-TAPPING 'DECK' SCREWS, ONE MIN. PER FRAMING MEMBER, LENGTH AS REQ'D FOR 1/2" MIN. PENETRATION THROUGH FRAMING. COUNTERSINK HEADS AS REQUIRED.
- PLYWOOD DECK: 1/4" DIA. ST. STL. SELF-TAPPING 'DECK' SCREWS, ONE MIN. PER FRAMING MEMBER, LENGTH AS REQ'D FOR 1/2" MIN. PENETRATION THROUGH UNDERSIDE OF DECK. COUNTERSINK HEADS AS REQUIRED.
- WOOD BLOCKING: 1/4" DIA. ST. STL. SELF-TAPPING 'DECK' SCREWS AT 12" O.C. MAX., LENGTH AS REQUIRED FOR 1.50" MIN. EMBEDMENT. OPTION: TWO 3/8" DIA. CONTINUOUS BEADS OF CONSTRUCTION ADHESIVE THE FULL LENGTH OF THE BOARD TO BE APPLIED, & 12d NAILS @ 4" O.C. (IN 2 ROWS-STAGGERED).

## C. PLYWOOD SHEATHING:

- CONCRETE: 1/4" DIA. ST. STL. SELF-TAPPING MASONRY SCREWS AT 12" O.C. MAX. (AT EDGES), AND 16" O.C. MAX. IN THE FIELD. LENGTH AS REQUIRED FOR 1.50" MIN. EMBEDMENT. OPTION: 1/4" DIA. DEFORMED OR FLUTED NAIL AT SAME SPACING AS ABOVE, LENGTH AS REQ'D. FOR 1 1/4" MIN. EMBEDMENT.
- CONCRETE BLOCK (CMU): 1/4" DIA. ST. STL. SELF-TAPPING MASONRY SCREWS AT 12" O.C. MAX. (AT EDGES), AND 16" O.C. MAX. IN THE FIELD. LENGTH AS REQUIRED FOR 1.50" MIN. EMBEDMENT. OPTION: 1/4" DIA. DEFORMED OR FLUTED NAIL AT SAME SPACING AS ABOVE, LENGTH AS REQ'D. FOR 1 1/4" MIN. EMBEDMENT.
- BRICK: 1/4" DIA. ST. STL. SELF-TAPPING MASONRY SCREWS AT 12" O.C. MAX. (AT EDGES), AND 16" O.C. MAX. IN THE FIELD. LENGTH AS REQUIRED FOR 1.50" MIN. EMBEDMENT. OPTION: 1/4" DIA. DEFORMED OR FLUTED NAIL AT SAME SPACING AS ABOVE, LENGTH AS REQ'D. FOR 1 1/4" MIN. EMBEDMENT.
- STRUCTURAL STEEL: #10 DIA. ST. STL. SELF-DRILLING SELF-TAPPING SCREWS WITH 'WINGS' AT 12" O.C. MAX. (AT EDGES), AND 16" O.C. MAX. IN THE FIELD. LENGTH AS REQ'D. FOR 1/2" MIN. PENETRATION OF THREADS THROUGH STEEL.
- METAL DECK: #10 DIA. SELF-TAPPING 'DECK' SCREWS AT 12" O.C. MAX. (AT EDGES), AND 16" O.C. MAX. IN THE FIELD. LENGTH AS REQUIRED FOR 1/2" MIN. PENETRATION THROUGH UNDERSIDE OF DECK.
- LIGHT GAGE METAL FRAMING: #10 DIA. 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 1/2" MIN. PENETRATION THROUGH FRAMING. FRAMING TO BE SPACED AT 24" O.C. MAX., UNLESS NOTED OTHERWISE BY DETAILS.
- WOOD FRAMING: #10 DIA. SELF-TAPPING 'DECK' SCREWS AT 12" O.C. MAX. ALONG EACH FRAMING MEMBER, LENGTH AS REQUIRED FOR 1.50" MIN. EMBEDMENT. OPTION: 8d ANNUAL RING NAILS AT 6" O.C. MAX. (AT EDGES) AND 12" O.C. MAX. IN FIELD OF PANEL. DECREASE SPACING AT ROOF EDGE & CORNER WIND ZONES TO 4" O.C. MAX. AT EDGES, AND 8" O.C. MAX. IN FIELD.

## D. METAL DECKING:

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

## E. MINOR STRUCTURAL STEEL:

- ANCHORAGE OF LOAD BEARING STEEL AND LARGE STEEL FABRICATIONS, (SUCH AS LADDERS), IS TO BE AS DEFINED BY STRUCTURAL ENGINEERING DRAWINGS, OR AS ENGINEERED BY THE SUPPLIER. MINOR STRUCTURAL STEEL WOULD BE CONSIDERED ITEMS SUCH AS SUPPORT STANDS, WALL LEDGER ANGLES, ETC.

- CONCRETE: 3/8" DIA. HEAVY-DUTY, SLEEVE STYLE EXPANSION BOLT ANCHOR (RAUL-BOLT) @ 16" O.C., LENGTH AS REQ'D FOR 2" MIN. EMBEDMENT.
- CONCRETE BLOCK (CMU): 3/8" DIA. HEAVY-DUTY, SLEEVE STYLE EXPANSION BOLT ANCHOR (RAUL-BOLT) @ 16" O.C., LENGTH AS REQUIRED 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
- BRICK: 3/8" DIA. HEAVY-DUTY, SLEEVE STYLE EXPANSION BOLT ANCHOR (RAUL-BOLT) @ 16" O.C., LENGTH AS REQ'D FOR 2" MIN. EMBEDMENT.
- STRUCTURAL STEEL: 1/4" DIA. ST. STL. SELF-DRILLING, SELF-TAPPING SCREWS @ 16" O.C. MAX., LENGTH AS REQUIRED FOR 1/2" MIN. PENETRATION OF THREADS THROUGH STEEL.

## F. RIGID INSULATION BOARD:

- INSTALL AND SECURE PER THE MANUFACTURER'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:

- INSTALL AND SECURE PER THE MANUFACTURER'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):

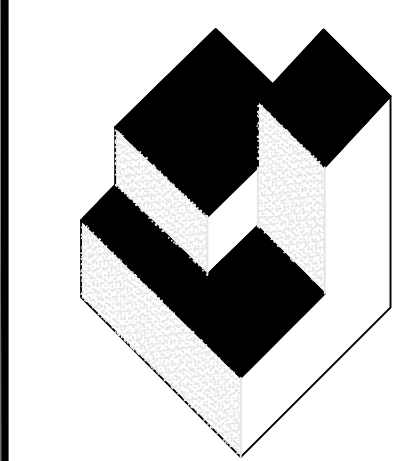
- WOOD BLOCKING: #12 GAGE x 1.50" ANNUAL RING STAINLESS STEEL ROOFING NAILS AT 4" O.C. MAX., STAGGERED IN 2 ROWS INSET AT 3/4" FROM EACH EDGE OF THE FLANGE.
- LIGHTGAGE METAL: #10 DIA. STAINLESS STEEL, SELF TAPPING, WAFER OR FLAT HEAD SCREWS AT 12" O.C. MAX., 8" O.C. WITHIN ROOF CORNER ZONES, LENGTH AS REQUIRED FOR 1/2" MIN. PENETRATION OF THREADS THROUGH STEEL.
- CONCRETE: 3/16" DIA. ST. STL. SELF-DRILLING, SELF-TAPPING, MASONRY SCREW, LENGTH AS REQUIRED FOR 1.50" MIN. EMBEDMENT. OPTION: 1/4" DIA. x 1.50" LONG ZAMAC 'NAIL-IN' DRIVE PIN, EXPANSION TYPE FASTENER WITH A STAINLESS STEEL DRIVE PIN. INSTALL AT 12" O.C. MAX., 8" O.C. WITHIN ROOF CORNER ZONES

## I. CLEATS FOR SHEETMETAL FLASHINGS:

- WOOD BLOCKING: #12 GAGE x 1.50" ANNUAL RING, STAINLESS STEEL ROOFING NAILS AT 8" O.C. MAX., (4" O.C. AT CORNER ZONES OF ROOF)
- LIGHTGAGE METAL: #10 DIA. STAINLESS STEEL, SELF TAPPING, WAFER OR FLAT HEAD SCREWS, LENGTH AS REQ'D FOR 1/2" MIN. PENETRATION OF THREADS THROUGH STEEL, LOCATE AT 10" O.C. MAX., 6" O.C. WITHIN ROOF CORNER ZONES.
- CONCRETE: 3/16" DIA. ST. STL. SELF-DRILLING, SELF-TAPPING, MASONRY SCREW, LENGTH AS REQUIRED FOR 1.50" MIN. EMBEDMENT. OPTION: 1/4" DIA. x 1.50" LONG ZAMAC 'NAIL-IN' DRIVE PIN, EXPANSION TYPE FASTENER WITH A STAINLESS STEEL DRIVE PIN. INSTALL AT 10" O.C. MAX., 6" O.C. WITHIN ROOF CORNER ZONES.
- CONCRETE BLOCK (CMU): 3/16" DIA. ST. STL. SELF-DRILLING, SELF-TAPPING, MASONRY SCREW, LENGTH AS REQUIRED FOR 1.50" MIN. EMBEDMENT. OPTION: 1/4" DIA. x 1.50" LONG ZAMAC 'NAIL-IN' DRIVE PIN, EXPANSION TYPE FASTENER WITH A STAINLESS STEEL DRIVE PIN. INSTALL AT 10" O.C. MAX., 6" O.C. WITHIN ROOF CORNER ZONES.
- BRICK: 1/4" DIA. ST. STL. SELF-DRILLING, SELF-TAPPING, MASONRY SCREW, LENGTH AS REQUIRED FOR 1.50" MIN. EMBEDMENT. OPTION: 1/4" DIA. x 1.50" LONG ZAMAC 'NAIL-IN' DRIVE PIN, EXPANSION TYPE FASTENER WITH A STAINLESS STEEL DRIVE PIN. INSTALL AT 10" O.C. MAX., 6" O.C. WITHIN ROOF CORNER ZONES.

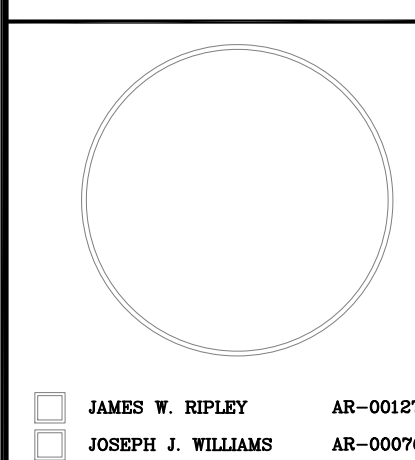
## J. APPLIED SHEETMETAL (COUNTERFLASHINGS, ETC.):

- WOOD BLOCKING: #12 DIA. SELF-TAPPING, STAINLESS STEEL SCREWS AT 8" O.C. MAX., LENGTH AS REQUIRED FOR 1.25" MIN. EMBEDMENT INTO WOOD. IF EXPOSED TO THE WEATHER USE 'SCOTS' TYPE SCREW WITH INTEGRAL NEOPRENE SEALING WASHER.
- SHEETMETAL BACKING: #12 DIA. SELF-TAPPING STAINLESS STEEL SCREWS AT 8" O.C. MAX., LENGTH AS REQ'D FOR 1/2" MIN. PENETRATION OF THREADS THROUGH STEEL. IF EXPOSED TO THE WEATHER PROVIDE 'SCOTS' TYPE SCREW WITH INTEGRAL NEOPRENE SEALING WASHER.
- CONCRETE: 1/4" DIA. SELF-TAPPING STAINLESS STEEL MASONRY SCREWS AT 8" O.C. MAX., LENGTH AS REQUIRED FOR 1 1/4" MIN. EMBEDMENT. OPTION: 1/4" DIA. x 1.50" 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 - ADJUST LENGTH AS REQ'D BY OVERLYING FINISH TO MAINTAIN 1.25" MIN. EMBEDMENT INTO CONCRETE.
- CONCRETE BLOCK (CMU): 1/4" DIA. SELF-TAPPING STAINLESS STEEL MASONRY SCREWS AT 8" O.C. MAX., LENGTH AS REQUIRED FOR 1.25" MIN. EMBEDMENT. OPTION: 1/4" DIA. x 1.50" 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 1.25" MIN. EMBEDMENT INTO CONCRETE BLOCK.
- BRICK: 1/4" DIA. SELF-TAPPING STAINLESS STEEL MASONRY SCREWS AT 8" O.C. MAX., LENGTH AS REQUIRED FOR 1.25" MIN. EMBEDMENT. OPTION: 1/4" DIA. x 1.50" 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 1.25" MIN. EMBEDMENT INTO BRICK.



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### REVISIONS

NO.	DATE	BY:

GENERAL ROOFING NOTES, ROOF COMPONENT FASTENING SCHEDULE AND ABBREVIATIONS

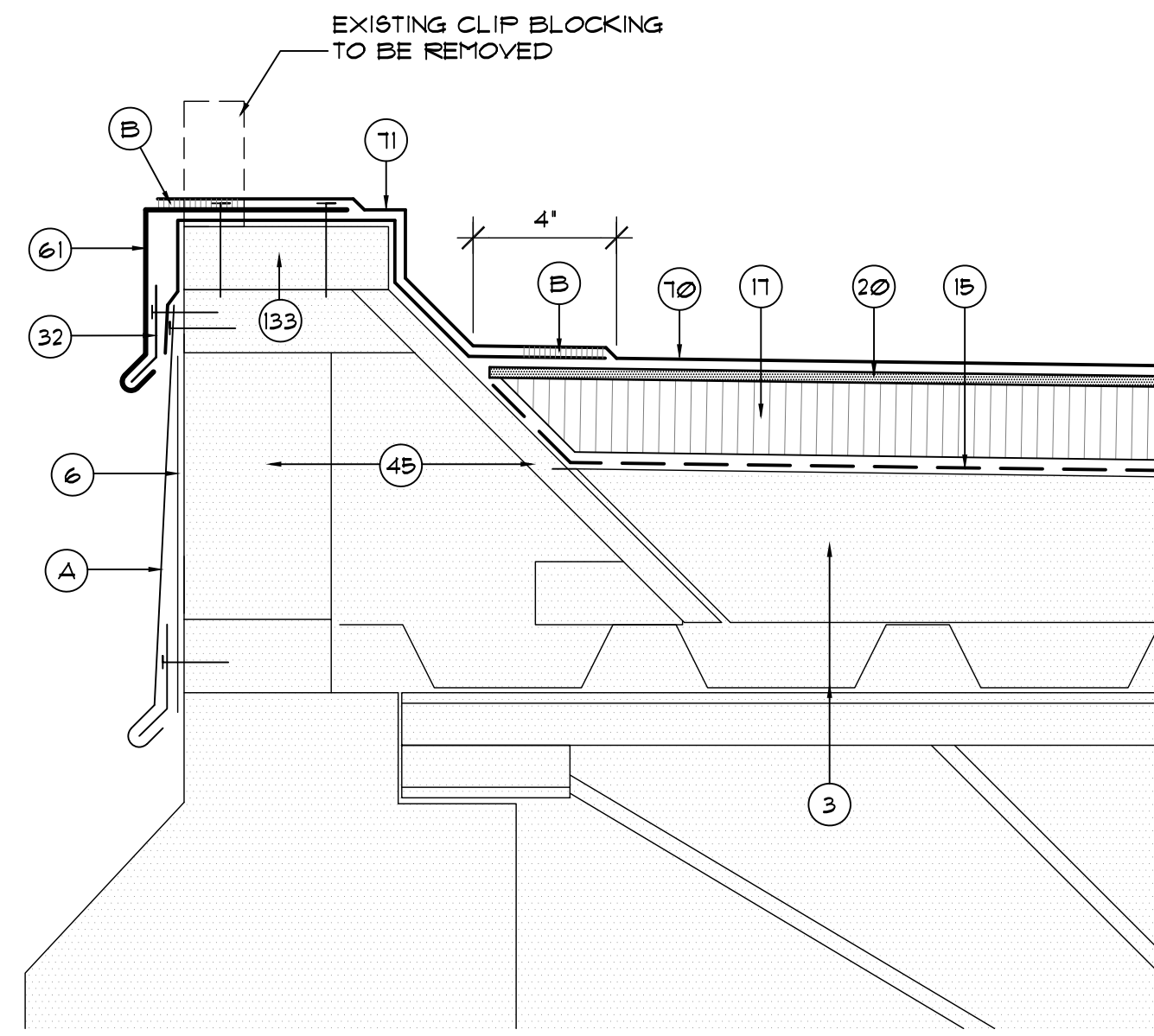
PROJECT FOR:  
**ORANGE COUNTY CASSADY  
BUILDING ROOF REPLACEMENT**  
2430 33rd Street, Orlando FL 32839

FOR CONSTRUCTION/PERMITTING

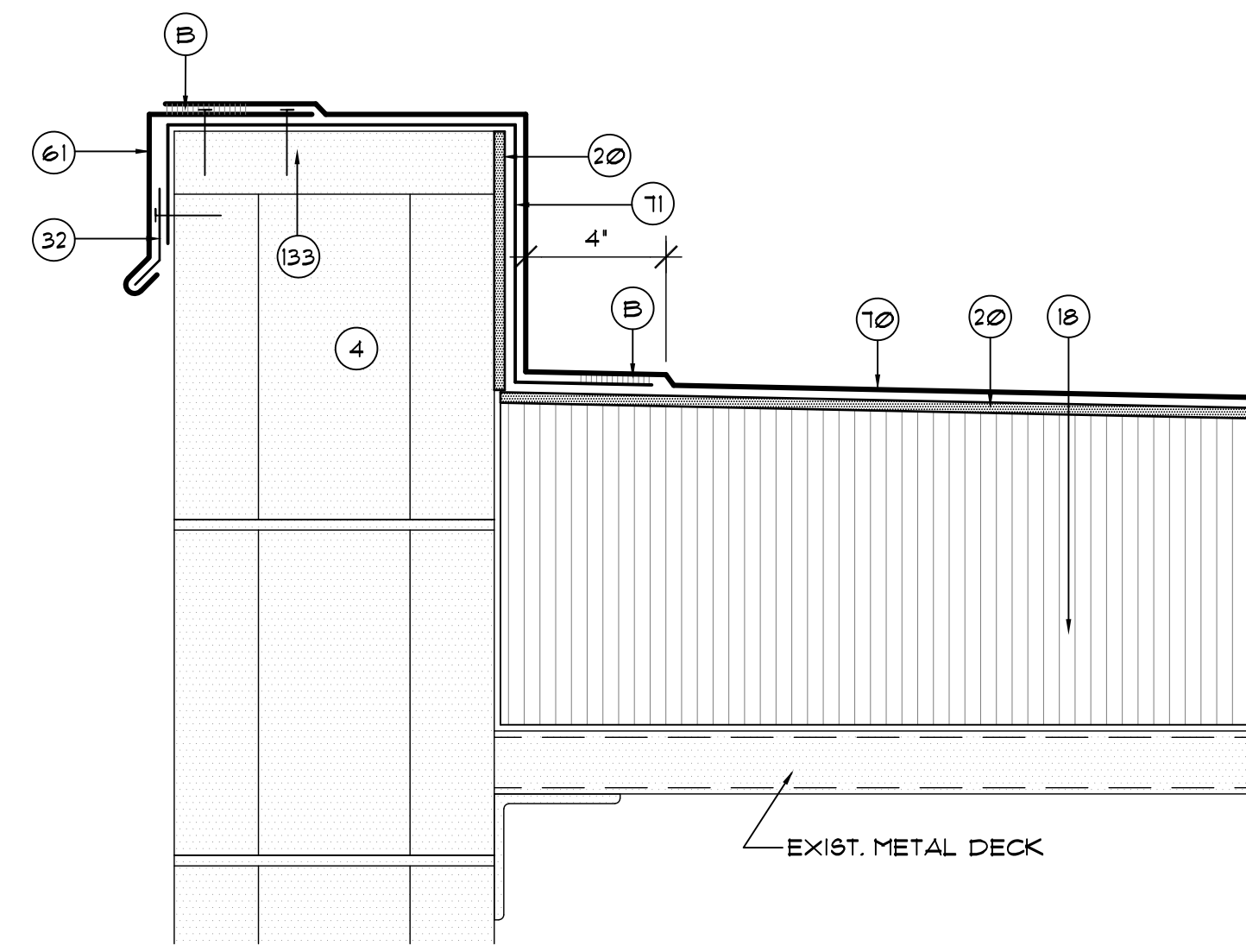
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DATE: 07/19/19  
SCALE: AS NOTED  
PLOT SCALE: 1=1

B01

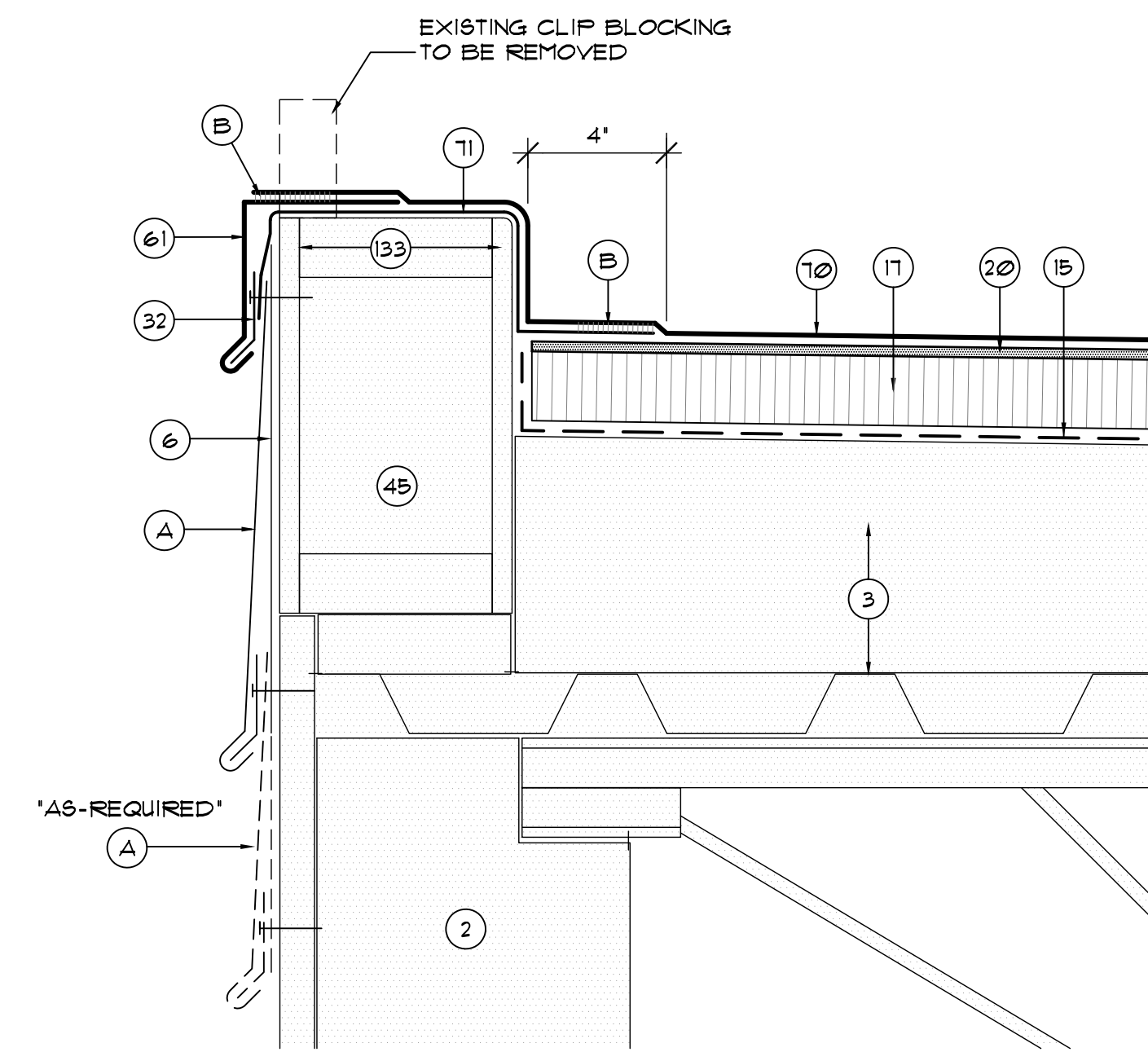
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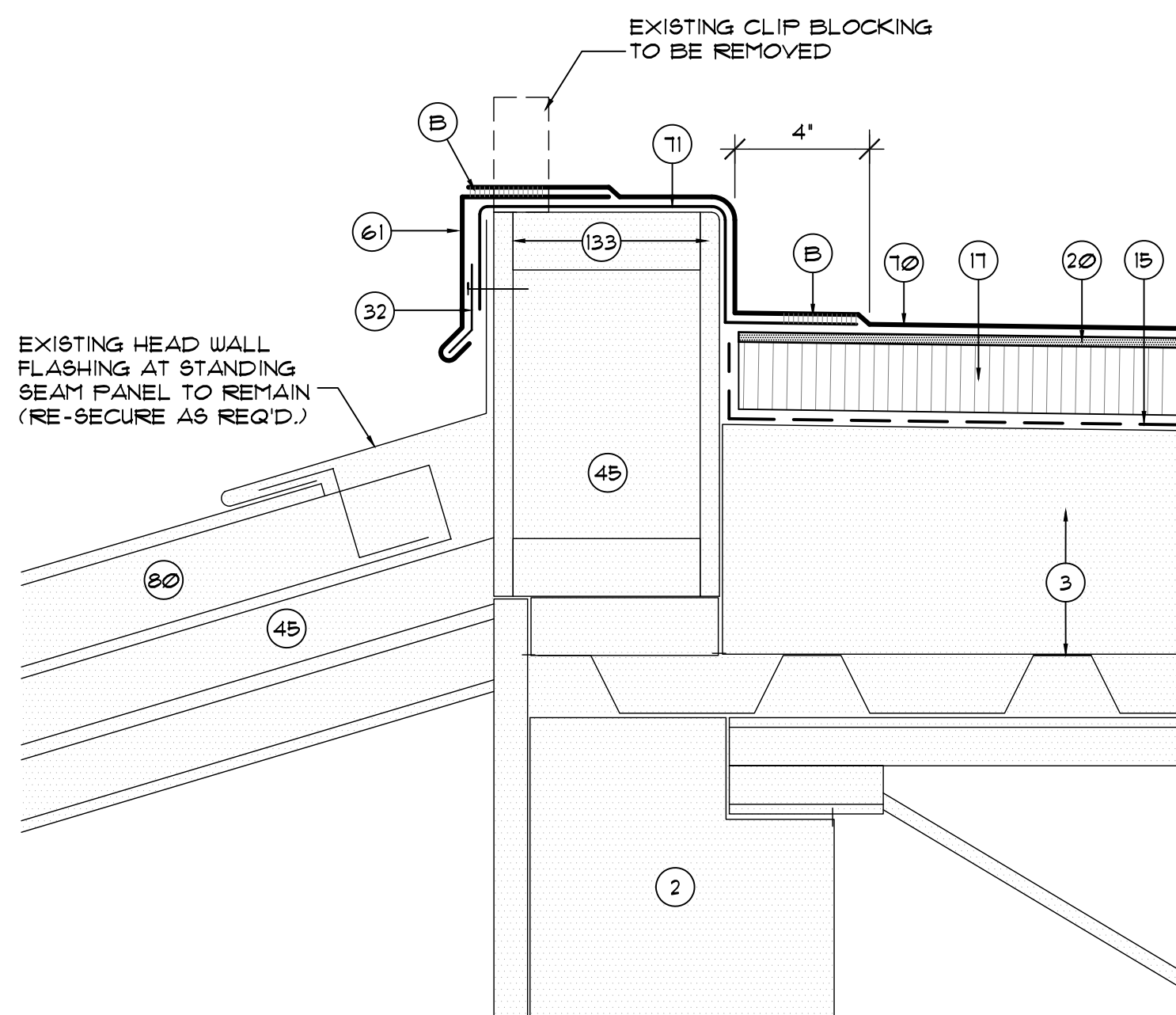
**B02.1** TYPICAL PARAPET DETAIL AT UPPER ROOF AREAS  
SCALE: 3" = 1'-0"



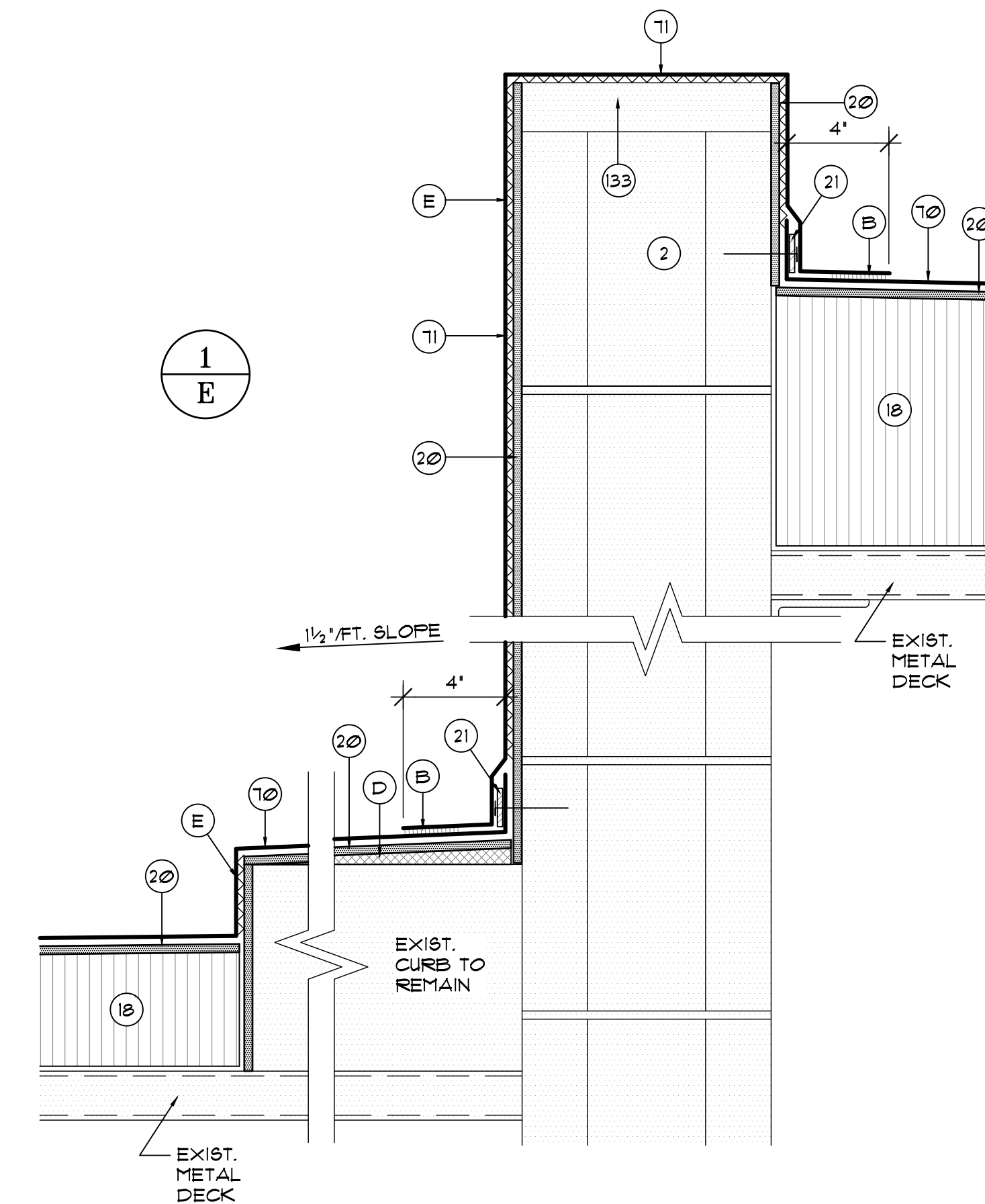
**B02.2** TYPICAL PARAPET DETAIL AT LOWER ROOF AREAS  
SCALE: 3" = 1'-0"



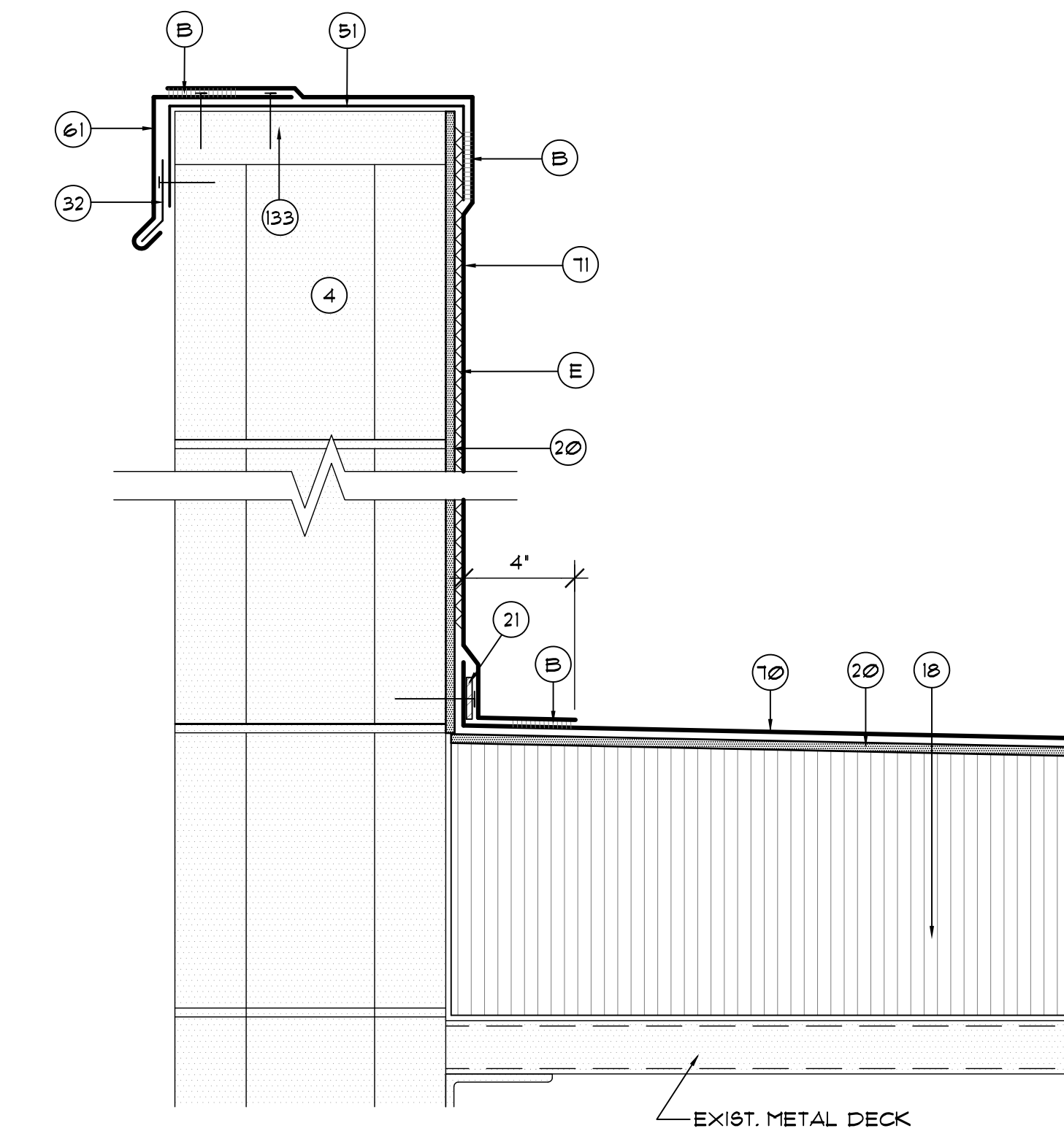
**B02.3** PARAPET FLASHING DETAIL AT ROOF AREA 'B'  
SCALE: 3" = 1'-0"



**B02.4** PARAPET FLASHING DETAIL AT METAL PANEL TRANSITION  
SCALE: 3" = 1'-0"



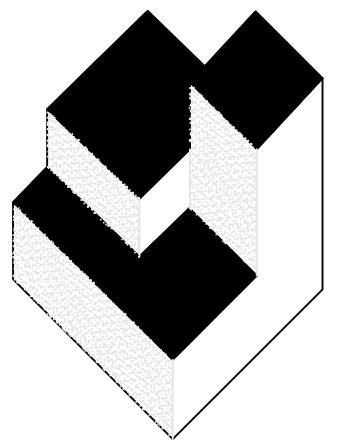
**B02.5** PARAPET WALL TRANSITION FLASHING DETAIL  
ROOF AREA '1/E'  
SCALE: 3" = 1'-0"



**B02.6** EXTERIOR PARAPET WALL FLASHING DETAIL  
ROOF AREA '1/E'  
SCALE: 3" = 1'-0"

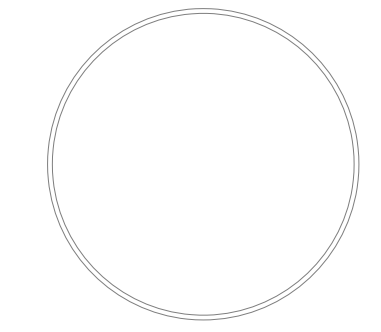
**DETAIL NOTES**

2. EXISTING WALL
3. EXIST. TAPERED RIGID INSUL. OVER METAL DECK.
4. EXIST. PARAPET WALL
6. EXISTING MEMBRANE TO REMAIN
10. EXISTING ROOFTOP CURB TO REMAIN UNCHANGED.
13. EXISTING GYPSUM SHEATHING
15. BASE SHEET
17. NON-TAPERED RIGID INSULATION PER SPECIFICATIONS.
18. TAPERED RIGID INSULATION PER SPECIFICATIONS.
20. GYPSUM ROOF COVERBOARD PER SPECIFICATIONS.
21. CONT. ALUM. TERMINATION BAR - SEE DETAIL (B02.1)
22. TWO-PIECE COUNTERFLASHING & REGLET MTD. RECEIVER - SEE DETAIL (B02.1) SECURE RECEIVER W/LEAD WEDGES @ 12" O.C.
23. SEALANT - CONTINUOUS TOOLED BEAD (UN.O.)
24. CONTINUOUS DOUBLE-SIDED BUTYL FLASHING TAPE.
32. CONTINUOUS CLEAT - SEE DETAIL AS NOTED.
40. EXISTING VENT STACK - INSTALL EXTENSION AS REQ'D.
41. 2 x P.T. WOOD BLOCKING (AS REQUIRED) TO BE FASTENED AT 12" O.C. (MAX.) STAGGERED - COUNTERSINK HEADS. TRIM BLOCKING TO MATCH SLOPE AS REQ'D.
43. ROUND THIS CORNER TO PROTECT ROOF MEMBRANE.
44. NEW ROOF DRAIN - ADJUST ELEV. ABOVE DECK IN FIELD
45. EXISTING STRUCTURE TO REMAIN UNCHANGED (UN.O.)
48. 3/4" SLOPED SUMP FROM PATCHING CONCRETE - 2' FROM CENTERLINE EACH WAY.
51. SELF-ADHESIVE MODIFIED BITUMEN 'DRY-IN' MEMBRANE.
61. METAL EDGE FLASHING - SEE DETAIL (B04.1)
70. SINGLE-PLY FLASHING
71. SINGLE-PLY MEMBRANE
80. EXIST. METAL ROOF PANEL TO REMAIN
90. PROVIDE NEW SUPPLEMENTAL SUPPORT FRAMING AT EXISTING ROOF DRAINS PER DETAIL (B03.3) AS REQUIRED.
101. PREMANUFACTURED CURB W/NAILER & INSULATION - ANCHOR TO DECK OR - SEE DETAIL (B01.3)
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
133. EXISTING WOOD BLOCKING OR TRIM TO REMAIN, REPLACE IN 'LIKE-KIND' WHERE DAMAGED OR DETERIORATED
- A. EXISTING SKIRT METAL TO REMAIN, RE-SECURE AS REQUIRED.
- B. HEAT WELD
- C. NEW 22 GA MIN. STEEL ROOF DECK - MATCH EXISTING TYPE & PROFILE IF NESTING DECKS - SEAL ALL OPENINGS
- D. 1/2" x 18" TAPERED RIGID PERLITE EDGE STRIP.
- E. FULLY ADHERE W/ MFR'S APPROVE ADHESIVE
- F. FLEXIBLE EXPANSION JOINT BELLOW
- G. SAW CUT WALL 1/4" DEEP AT JOINT AS REQUIRED
- H. FASTEN ST. STL. SCREWS W/ NEOPRENE BACKED WASHERS
- J. 1/4" x 1/2" ST. SCREW W/ NEOPRENE BACKED METAL SEALING WASHERS @ 8" O.C.
- K. 1/2" HEMMED EDGE W/ CONT. SEALANT
- L. TWO-PIECE COUNTERFLASHING & PAN FLASHING RECEIVER - SEE DETAIL (B02.3) FIELD VERIFY ANGLE.
- M. SURFACE APPLIED COUNTERFLASHING - SEE DETAIL (B02.2)



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

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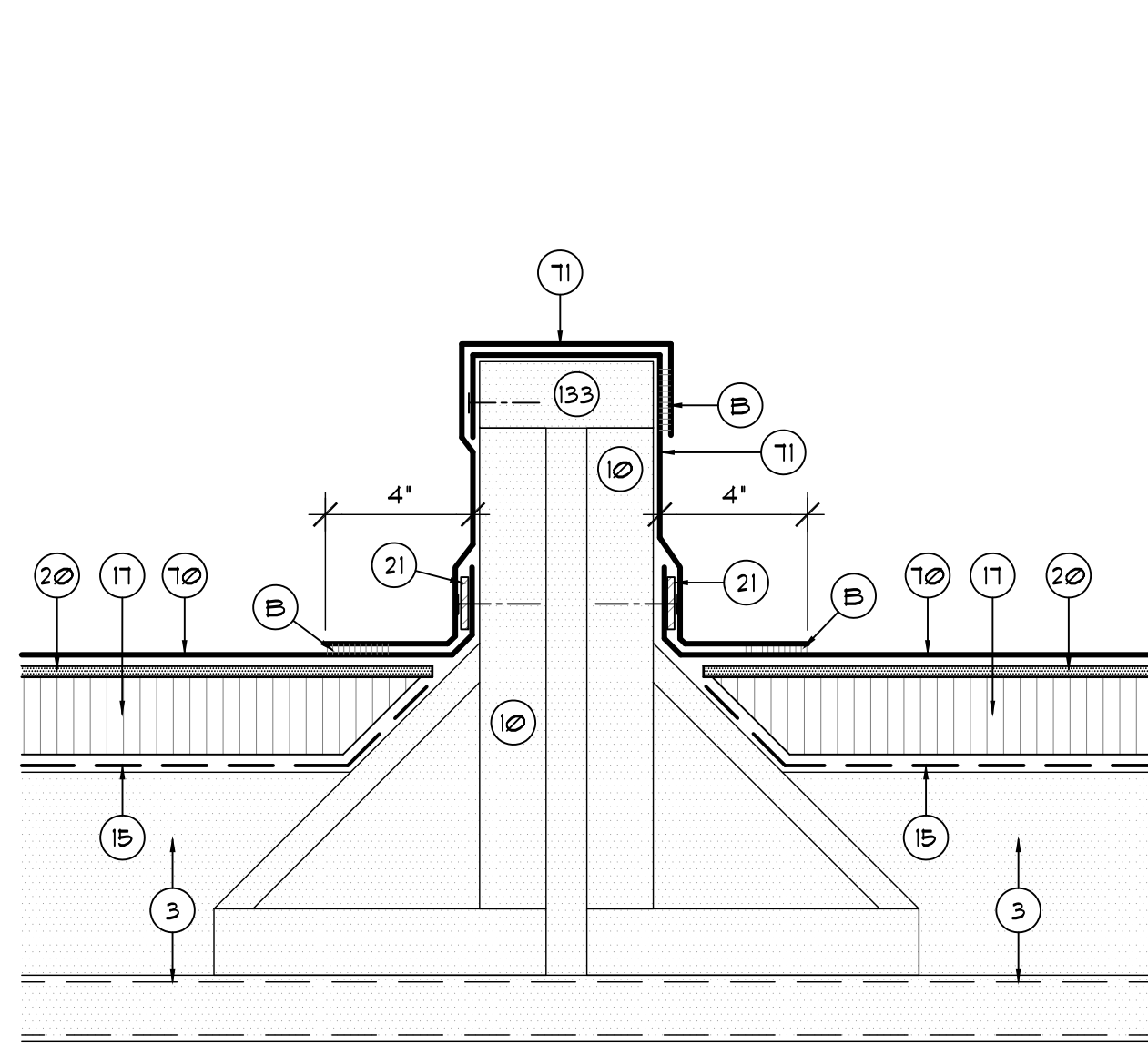
**ORANGE COUNTY CASSADY**  
**BUILDING ROOF REPLACEMENT**  
 2430 33rd Street, Orlando FL 32839

PARAPET AND EDGE FLASHING DETAILS  
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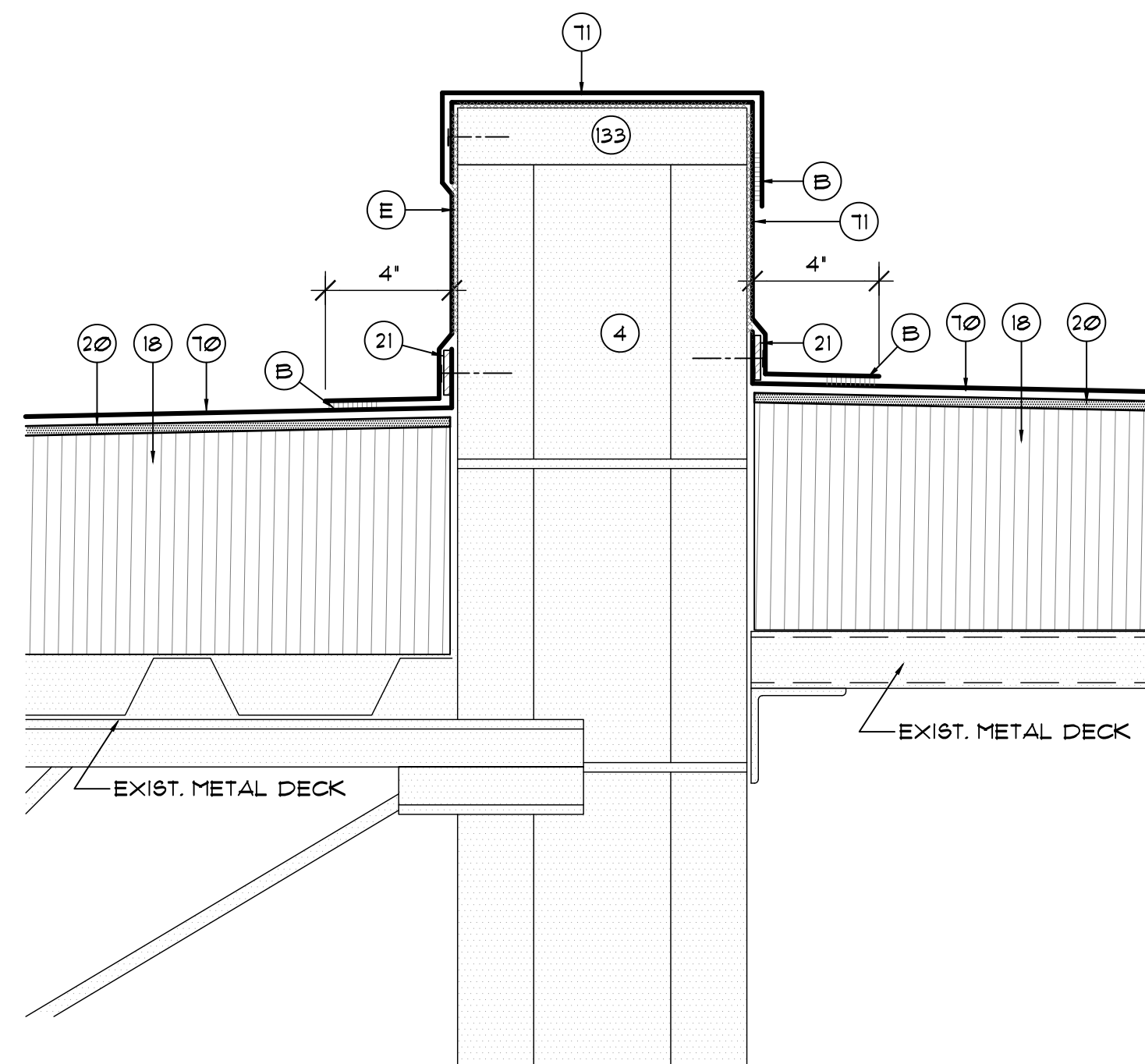
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 DRAWN BY: TJG  
 CHECKED BY: JJW  
 DATE: 07/19/19  
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 PLOT SCALE: 1=1

**B02**  
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 6 OF 14 SHEET(S)

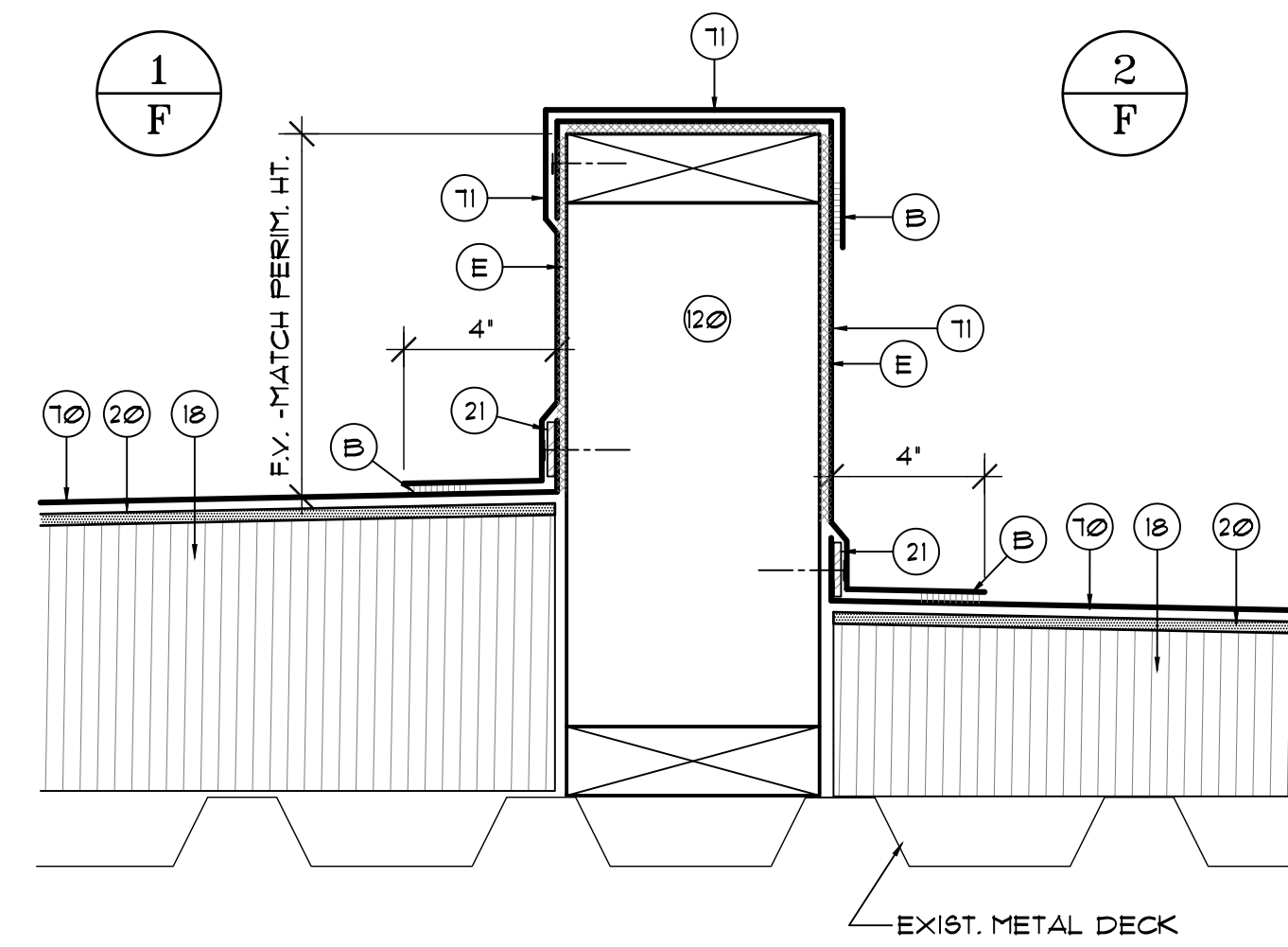
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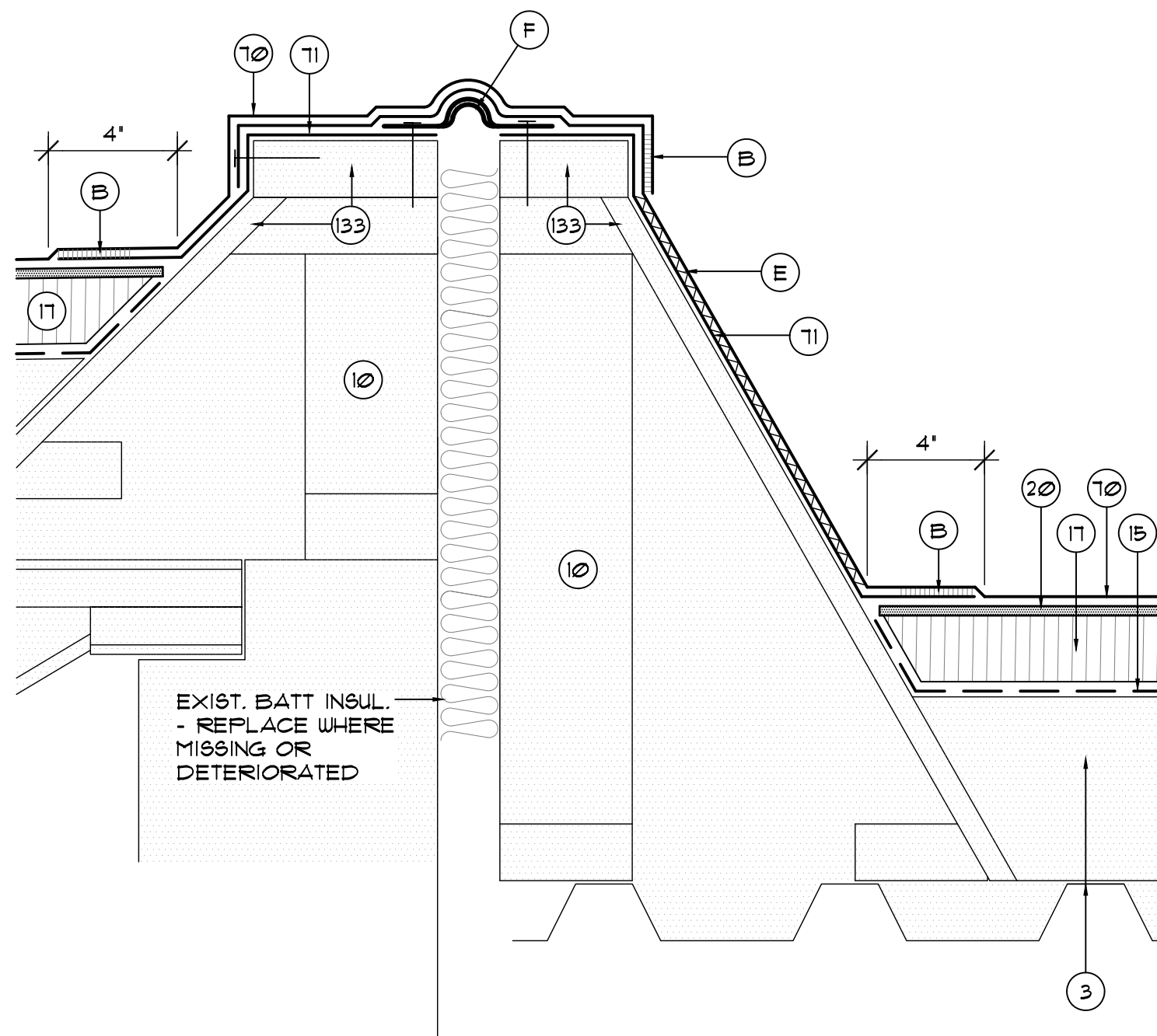
**B03.1** TYPICAL AREA DIVIDER CURB AT UPPER ROOF AREA  
SCALE: 3' - 1'-0"



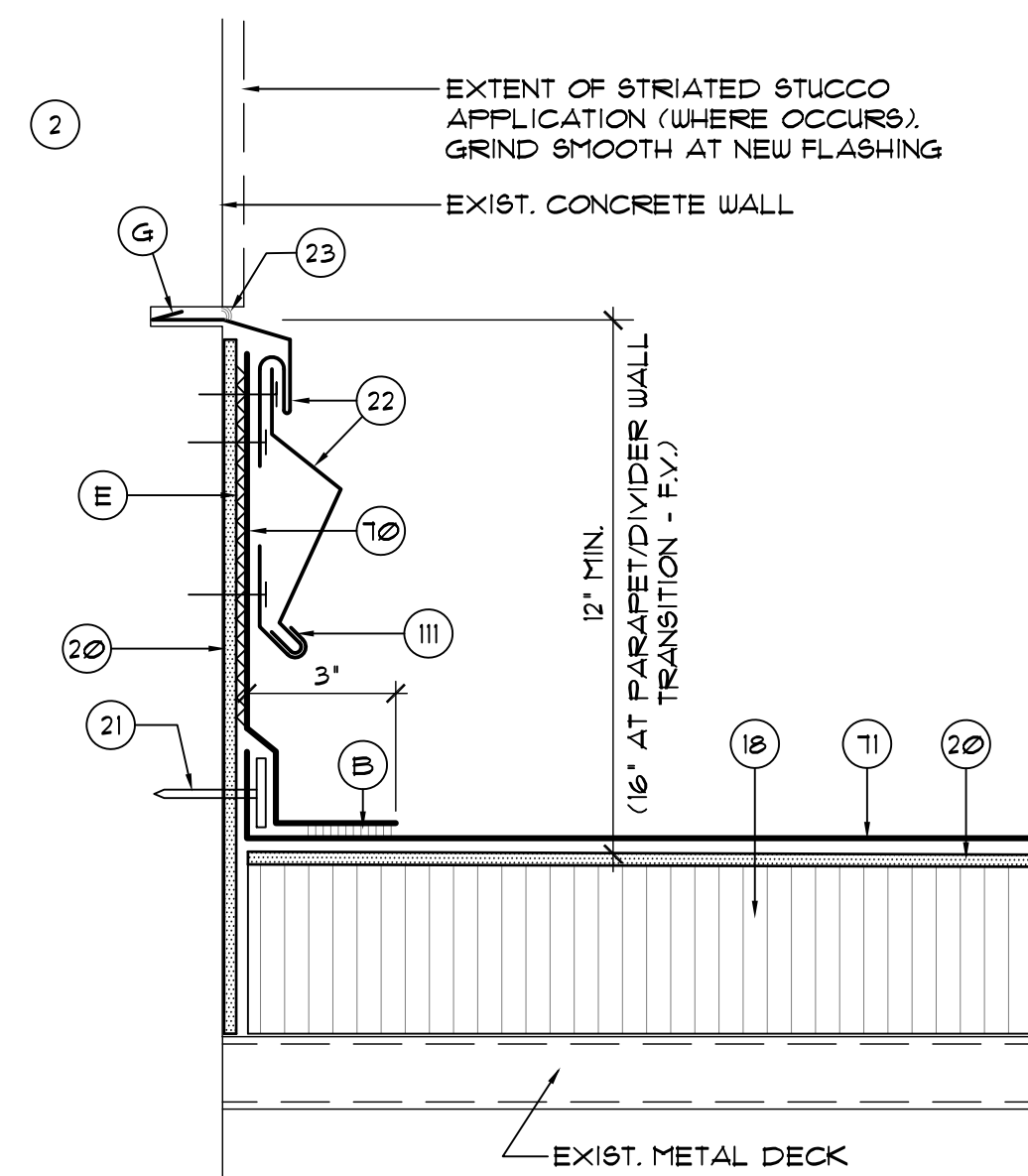
**B03.2** EXISTING AREA DIVIDER FLASHING DETAIL AT ROOF AREA 'F' AND 'H'  
SCALE: 3' - 1'-0"



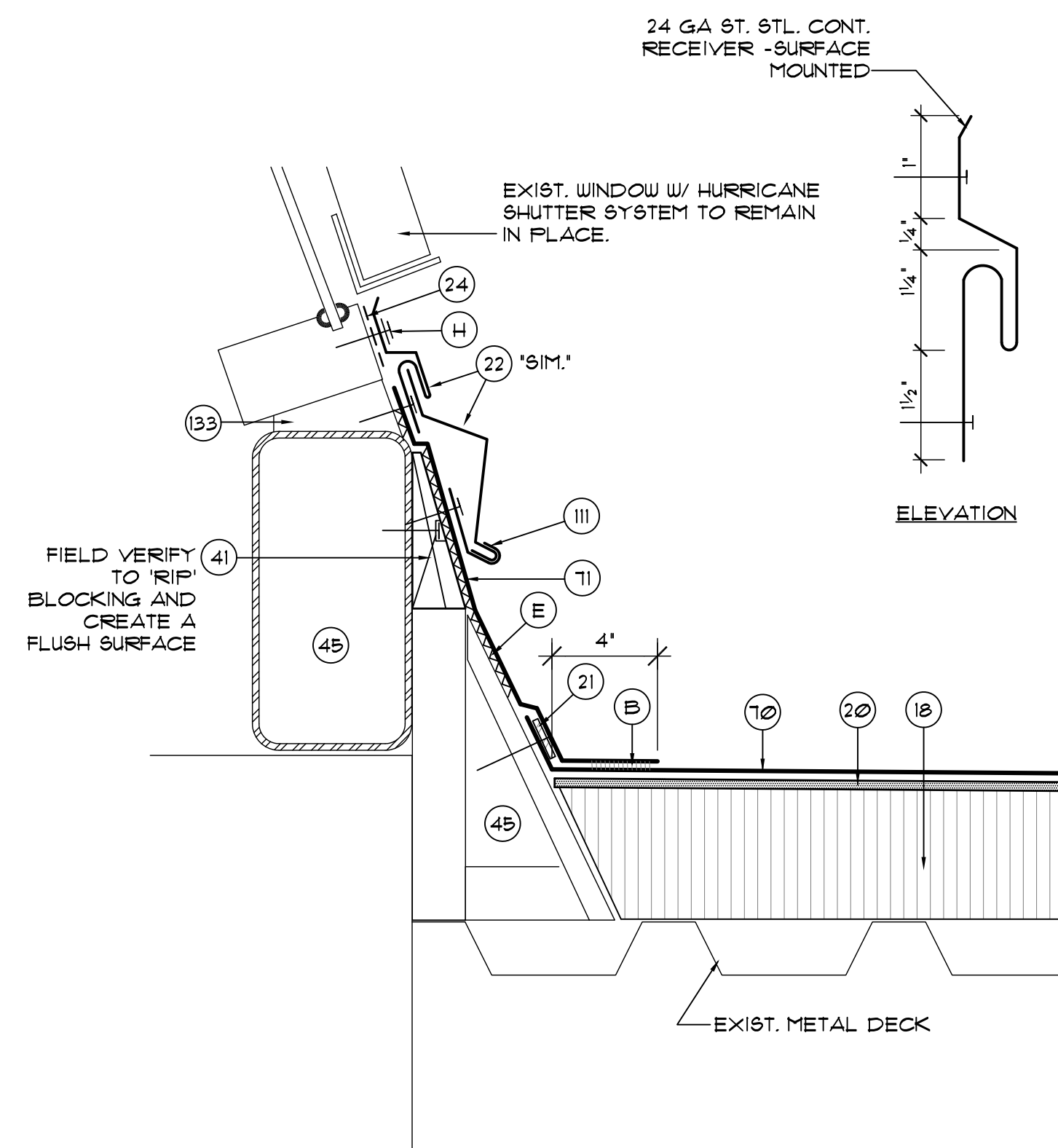
**B03.3** NEW AREA DIVIDER AND FLASHING DETAIL AT ROOF AREA 'F'  
SCALE: 3' - 1'-0"



**B03.4** EXPANSION JOINT FLASHING BETWEEN ROOF AREA 'A' AND 'B'  
SCALE: 3' - 1'-0"



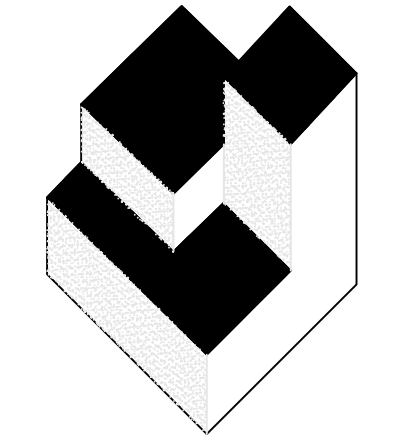
**B03.5** TYPICAL BASE FLASHING W/ 2-PIECE REGLET AND COUNTERFLASHING DETAIL  
SCALE: 3' - 1'-0"



**B03.6** BASE FLASHING DETAIL AT WINDOW AND SHUTTER FRAMING  
SCALE: 3' - 1'-0"

**DETAIL NOTES**

2. EXISTING WALL
3. EXIST. TAPERED RIGID INSUL. OVER METAL DECK
4. EXIST. PARAPET WALL
6. EXISTING MEMBRANE TO REMAIN
10. EXISTING ROOFTOP CURB TO REMAIN UNCHANGED.
13. EXISTING GYPSUM SHEATHING
15. BASE SHEET
17. NON-TAPERED RIGID INSULATION PER SPECIFICATIONS.
18. TAPERED RIGID INSULATION PER SPECIFICATIONS.
20. GYPSUM ROOF COVERBOARD PER SPECIFICATIONS.
21. CONT. ALUM. TERMINATION BAR - SEE DETAIL (B02.1)
22. TWO-PIECE COUNTERFLASHING & REGLET MTD. RECEIVER - SEE DETAIL (B06.1) SECURE RECEIVER W/ LEAD WEDGES @ 12" O.C.
23. SEALANT - CONTINUOUS TOOLED BEAD (U.N.O.)
24. CONTINUOUS DOUBLE-SIDED BUTYL FLASHING TAPE.
32. CONTINUOUS CLEAT - SEE DETAIL AS NOTED.
40. EXISTING VENT STACK - INSTALL EXTENSION AS REQ'D.
41. 2 x P.T. WOOD BLOCKING (AS REQUIRED) TO BE FASTENED AT 12" O.C. (MAX.) STAGGERED - COUNTERSINK HEADS. TRIM BLOCKING TO MATCH SLOPE AS REQ'D.
43. ROUND THIS CORNER TO PROTECT ROOF MEMBRANE.
44. NEW ROOF DRAIN - ADJUST ELEV. ABOVE DECK IN FIELD
45. EXISTING STRUCTURE TO REMAIN UNCHANGED (U.N.O.)
48. 3/4" SLOPED SUMP FROM PATCHING CONCRETE - 2' FROM CENTERLINE EACH WAY.
51. SELF-ADHESIVE MODIFIED BITUMEN 'DRY-IN' MEMBRANE.
61. METAL EDGE FLASHING - SEE DETAIL (B04.1)
70. SINGLE-PLY FLASHING
71. SINGLE-PLY MEMBRANE
80. EXIST. METAL ROOF PANEL TO REMAIN
90. PROVIDE NEW SUPPLEMENTAL SUPPORT FRAMING AT EXISTING ROOF DRAINS PER DETAIL (B03.3) AS REQUIRED.
101. PREMANUFACTURED CURB W/ NAILER & INSULATION - ANCHOR TO DECK OR - SEE DETAIL (B01.3)
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
133. EXISTING WOOD BLOCKING OR TRIM TO REMAIN. REPLACE IN 'LIKE-KIND' WHERE DAMAGED OR DETERIORATED
- A. EXISTING SKIRT METAL TO REMAIN. RE-SECURE AS REQUIRED.
- B. HEAT WELD
- C. NEW 22 GA MIN. STEEL ROOF DECK - MATCH EXISTING TYPE & PROFILE IF NESTING DECKS - SEAL ALL OPENINGS
- D. 1/2" x 18" TAPERED RIGID PERLITE EDGE STRIP.
- E. FULLY ADHERE W/ MFR'S APPROVE ADHESIVE
- F. FLEXIBLE EXPANSION JOINT BELLOW
- G. SAW CUT WALL 1/4" DEEP AT JOINT AS REQUIRED
- H. FASTEN 6T. STL. SCREWS W/ NEOPRENE BACKED WASHERS
- J. 1/4" x 10 x 1 1/2" ST. SCREW W/ NEOPRENE BACKED METAL SEALING WASHERS @ 8" O.C.
- K. 1/2" HEMMED EDGE W/ CONT. SEALANT
- L. TWO-PIECE COUNTERFLASHING & PAN FLASHING RECEIVER - SEE DETAIL (B06.3) FIELD VERIFY ANGLE.
- M. SURFACE APPLIED COUNTERFLASHING - SEE DETAIL (B06.2)



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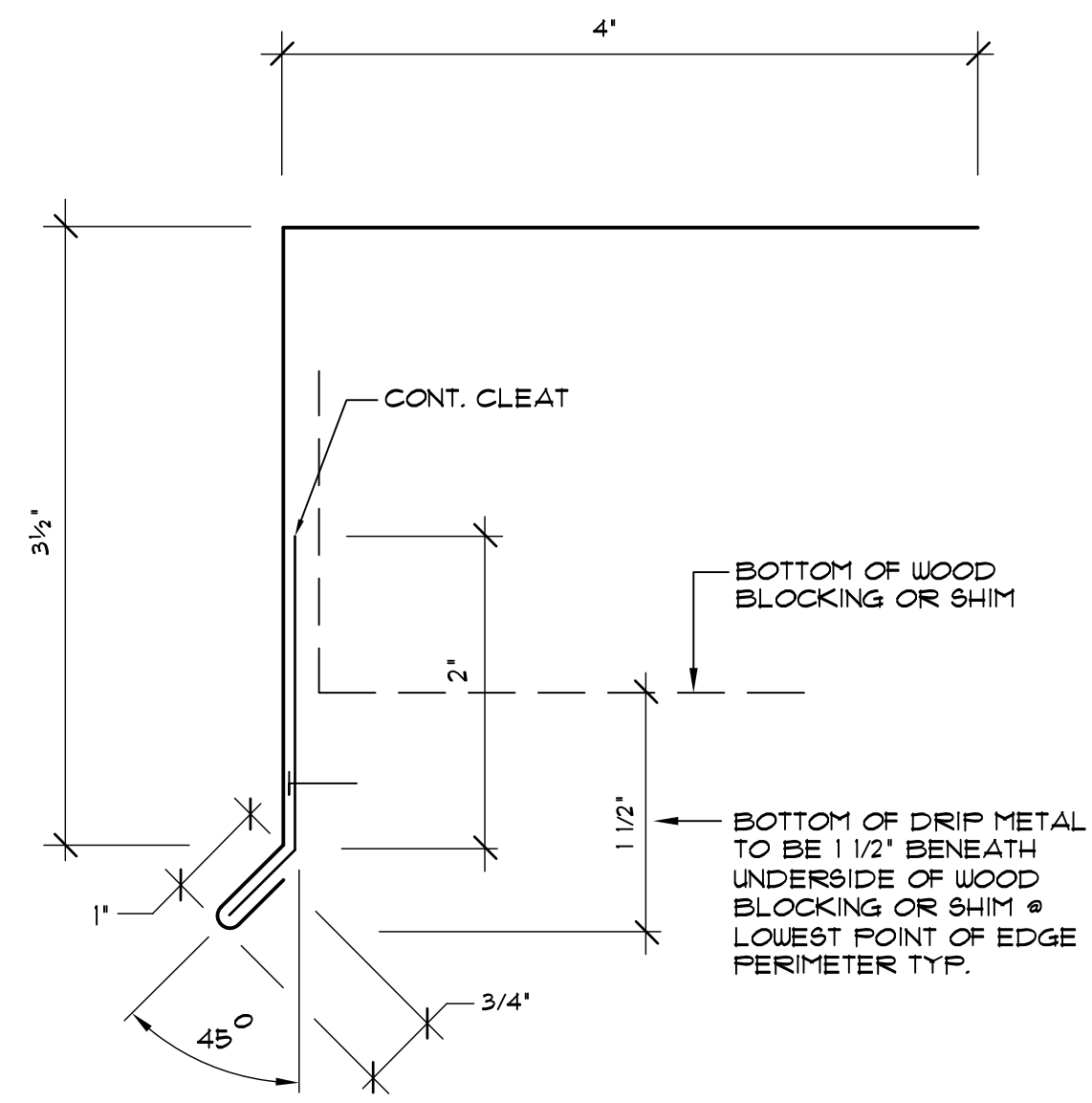
**ORANGE COUNTY CASSADY**  
**BUILDING ROOF REPLACEMENT**  
 2430 33rd Street, Orlando FL 32839

PROJECT FOR:  
 JOB NO.: 18049.00  
 DRAWN BY: TJG  
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 DATE: 07/19/19  
 SCALE: AS NOTED  
 PLOT SCALE: 1=1

**B03**  
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 7 OF 14 SHEET(S)

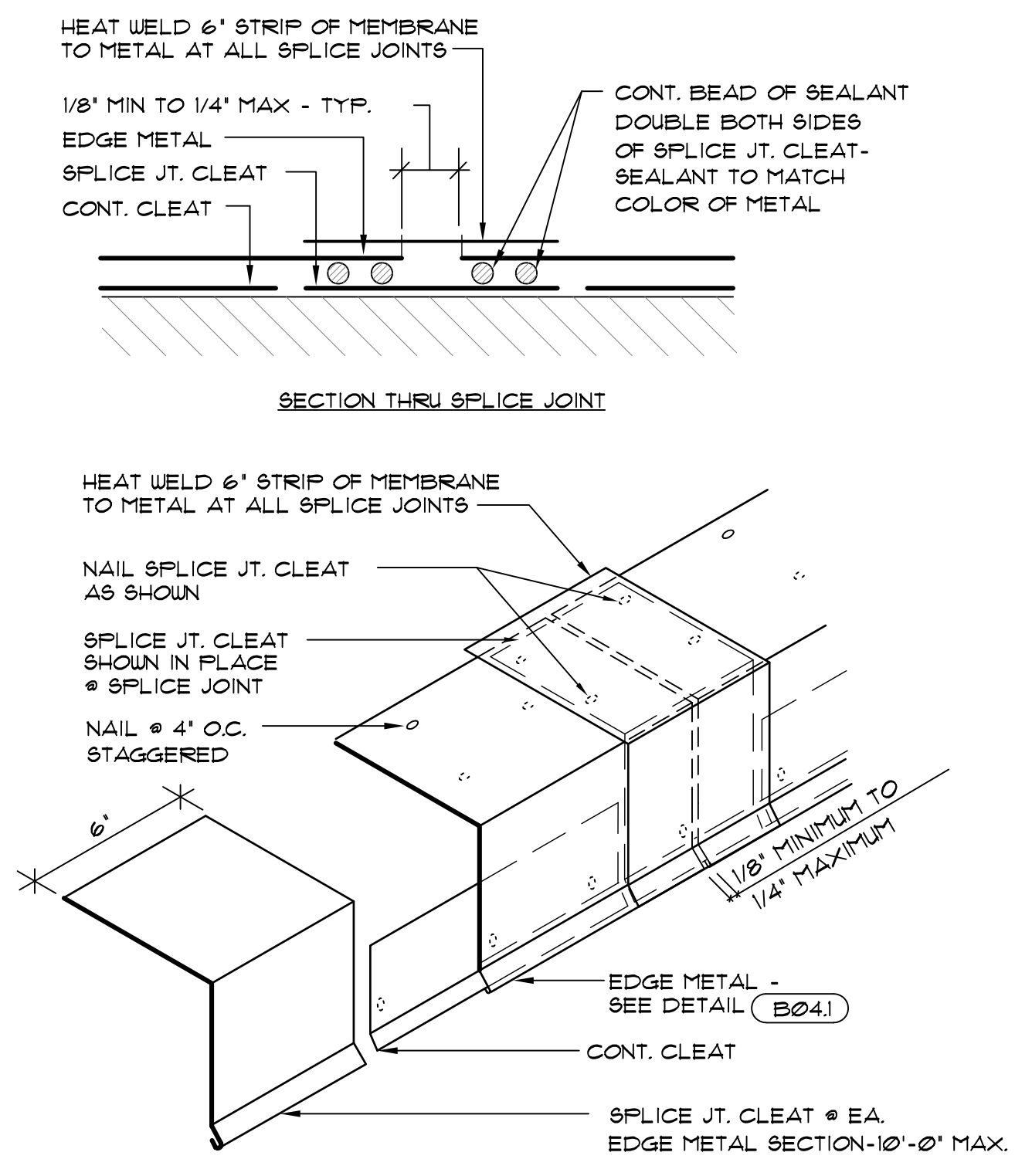
AREA DIVIDER AND BASE FLASHING DETAILS

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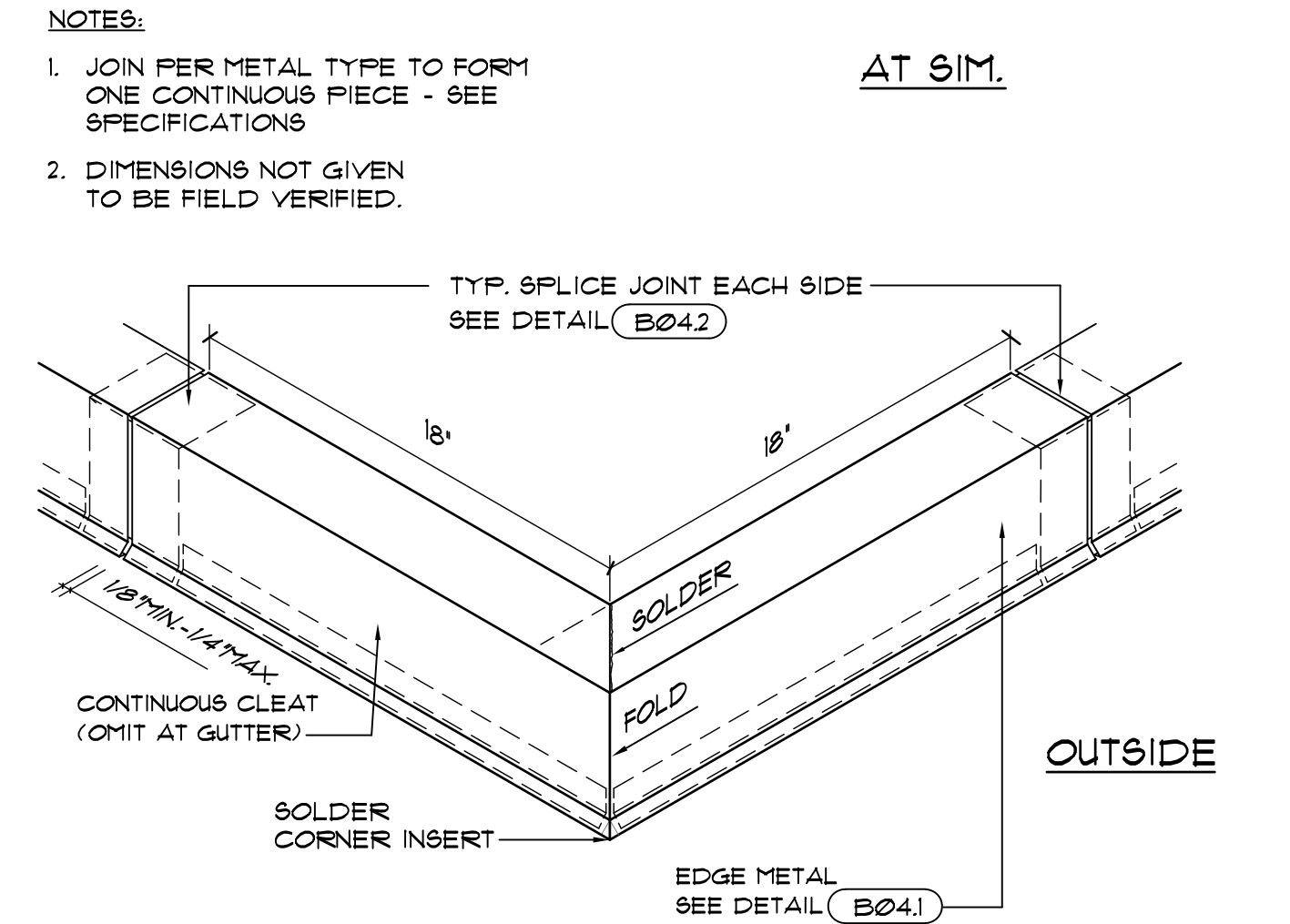
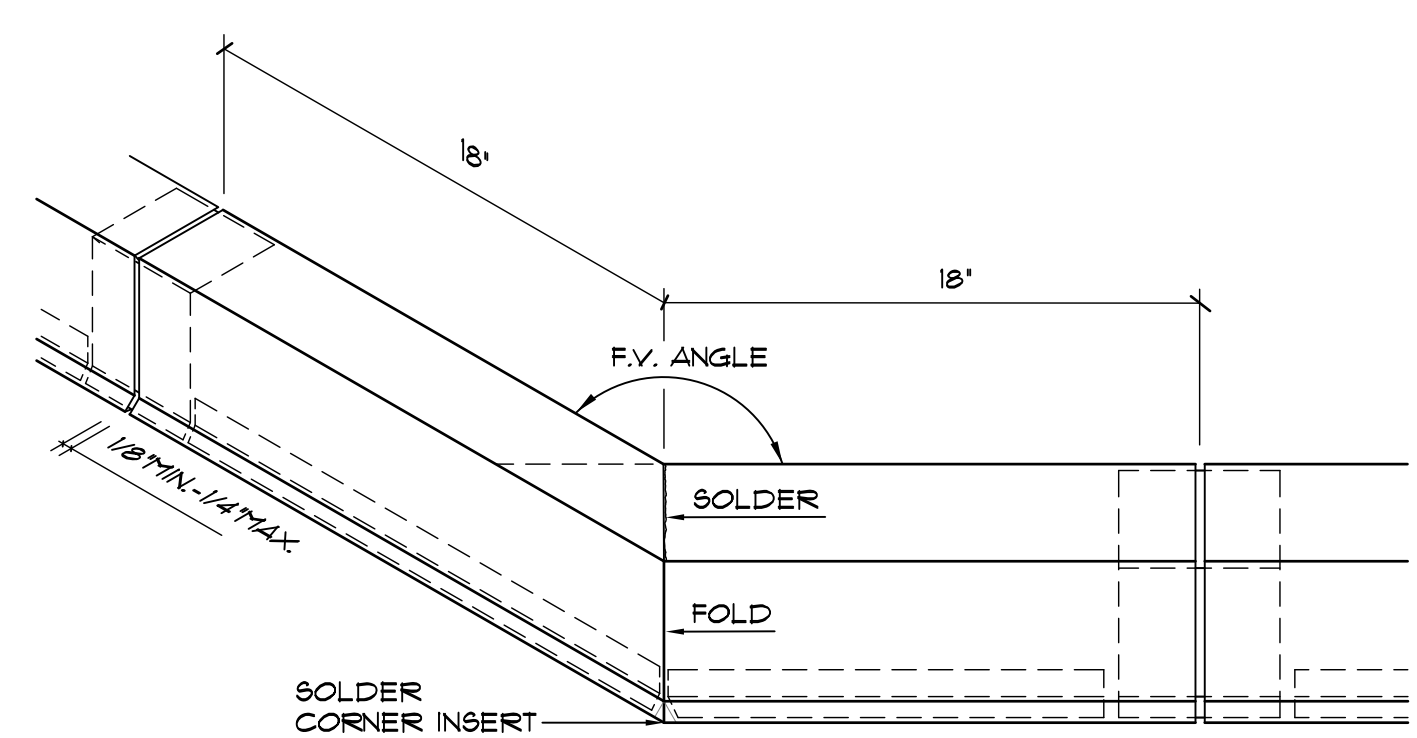


- NOTES:**
1. JOIN PER METAL TYPE TO FORM ONE CONTINUOUS PIECE - SEE SPECIFICATIONS
  2. DIMENSIONS NOT GIVEN TO BE FIELD VERIFIED.
  3. HEAT WELD STRIP OF SINGLE-PLY FLASHING AT ALL F.V.C. COATED METAL SPLICE JOINTS - SEE DETAIL (B042)

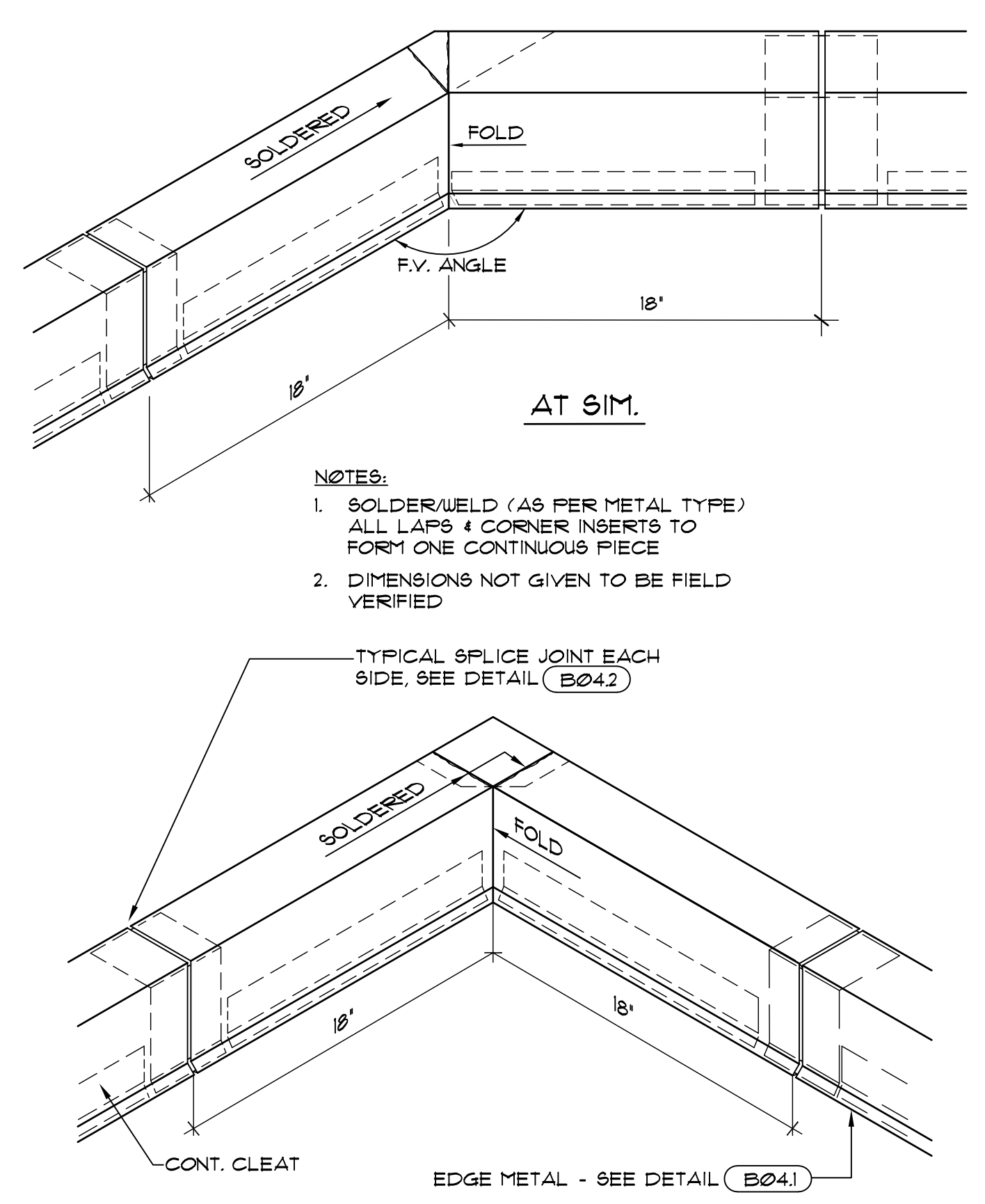
**B04.1** TYPICAL EDGE FABRICATION DETAIL  
SCALE: 3" = 1'-0"



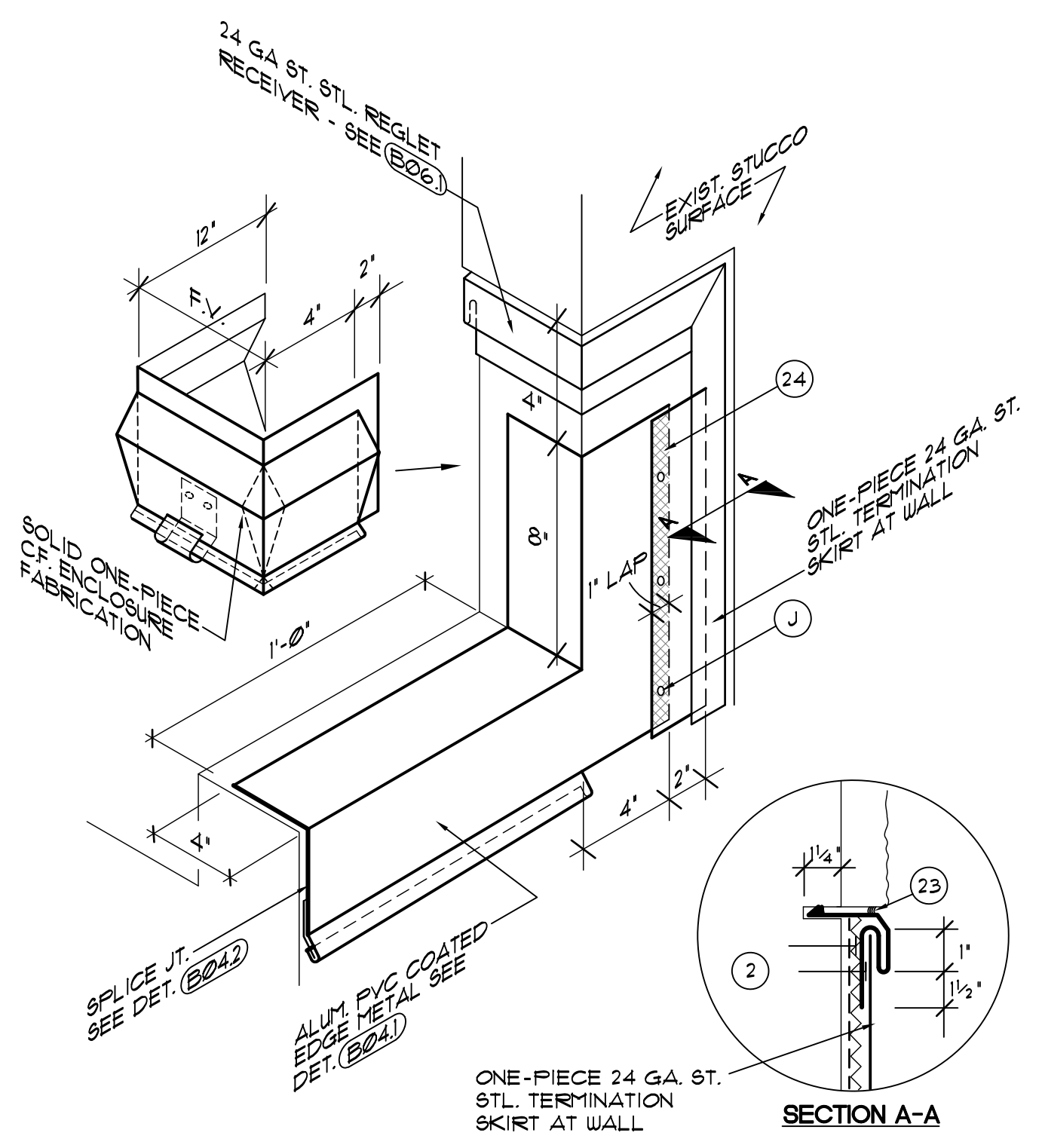
**B04.2** TYPICAL EDGE METAL AND SPLICE JOINT ASSEMBLY DETAIL  
SCALE: 3" = 1'-0"



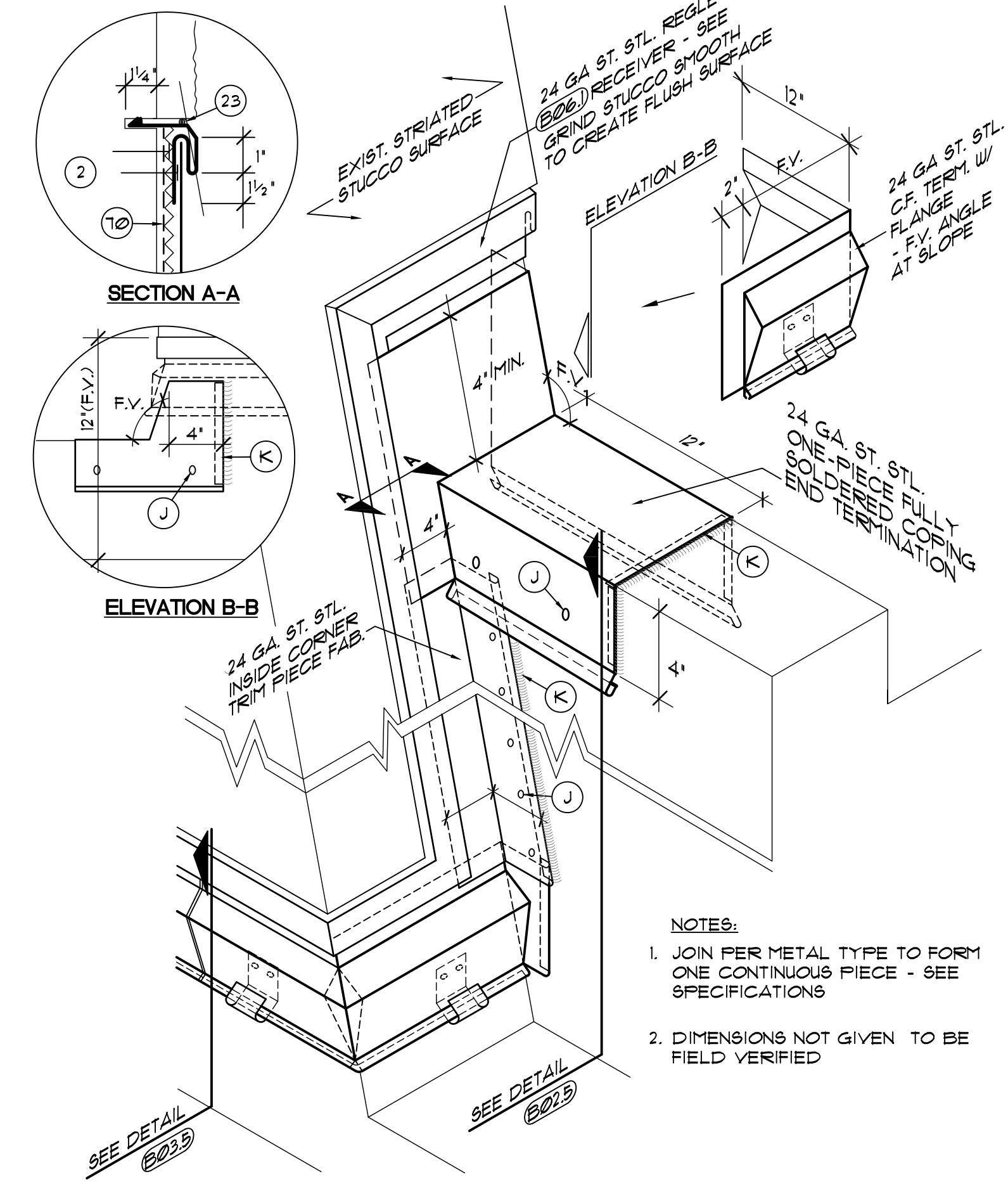
**B04.3** TYPICAL EDGE METAL OUTSIDE CORNER FABRICATIONS  
SCALE: 3" = 1'-0"



**B04.4** TYPICAL EDGE METAL INSIDE CORNER FABRICATIONS  
SCALE: 3" = 1'-0"



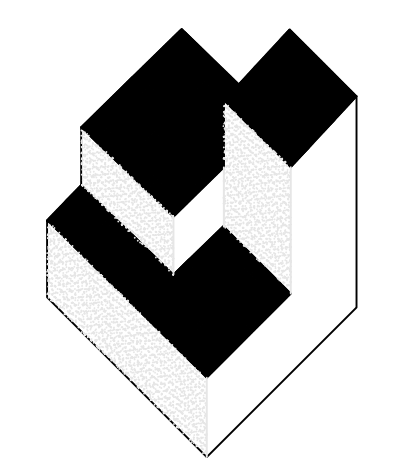
**B04.5** TWO-PIECE REGLET TERMINATION AT EDGE METAL DETAIL  
SCALE: 3" = 1'-0"



**B04.6** EDGE METAL TERMINATION W/ INSIDE CORNER TRIM DETAIL  
SCALE: 3" = 1'-0"

**DETAIL NOTES**

2. EXISTING WALL
3. EXIST. TAPERED RIGID INSUL. OVER METAL DECK.
4. EXIST. PARAPET WALL
6. EXISTING MEMBRANE TO REMAIN
10. EXISTING ROOFTOP CURB TO REMAIN UNCHANGED.
13. EXISTING GYPSUM SHEATHING
15. BASE SHEET
17. NON-TAPERED RIGID INSULATION PER SPECIFICATIONS.
18. TAPERED RIGID INSULATION PER SPECIFICATIONS.
20. GYPSUM ROOF COVERBOARD PER SPECIFICATIONS.
21. CONT. ALUM. TERMINATION BAR - SEE DETAIL (B021)
22. TWO-PIECE COUNTERFLASHING 4 REGLET MTD. RECEIVER - SEE DETAIL (B061) SECURE RECEIVER W/ LEAD WEDGES @ 12" O.C.
23. SEALANT - CONTINUOUS TOOLED BEAD (UN.O.)
24. CONTINUOUS DOUBLE-SIDED BUTYL FLASHING TAPE.
32. CONTINUOUS CLEAT - SEE DETAIL AS NOTED.
40. EXISTING VENT STACK - INSTALL EXTENSION AS REQ'D.
41. 2 x P.T. WOOD BLOCKING (AS REQUIRED) TO BE FASTENED AT 12" (MAX.) STAGGERED - COUNTERSINK HEADS. TRIM BLOCKING TO MATCH SLOPE AS REQ'D.
43. ROUND THIS CORNER TO PROTECT ROOF MEMBRANE.
44. NEW ROOF DRAIN - ADJUST ELEV. ABOVE DECK IN FIELD
45. EXISTING STRUCTURE TO REMAIN UNCHANGED (UN.O.)
48. 3/4" FT. SLOPED SUMP FROM PATCHING CONCRETE - 2' FROM CENTERLINE EACH WAY.
51. SELF-ADHESIVE MODIFIED BITUMEN 'DRY-IN' MEMBRANE.
61. METAL EDGE FLASHING - SEE DETAIL (B041)
70. SINGLE-PLY FLASHING
71. SINGLE-PLY MEMBRANE
80. EXIST. METAL ROOF PANEL TO REMAIN
90. PROVIDE NEW SUPPLEMENTAL SUPPORT FRAMING AT EXISTING ROOF DRAINS PER DETAIL (B033) AS REQUIRED.
101. PREFABRICATED CURB W/ NAILER 4 INSULATION - ANCHOR TO DECK OR - SEE DETAIL (B013)
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 4 PACK UNDER DRAIN W/ NON-COMBUSTIBLE INSULATION
133. EXISTING WOOD BLOCKING OR TRIM TO REMAIN. REPLACE IN 'LIKE-KIND' WHERE DAMAGED OR DETERIORATED
- A. EXISTING SKIRT METAL TO REMAIN. RE-SECURE AS REQUIRED.
- B. HEAT WELD
- C. NEW 22 GA MIN. STEEL ROOF DECK - MATCH EXISTING TYPE 4 PROFILE IF NESTING DECKS - SEAL ALL OPENINGS
- D. 1/2" x 18" TAPERED RIGID PERLITE EDGE STRIP.
- E. FULLY ADHERE W/ MFR'S APPROVE ADHESIVE
- F. FLEXIBLE EXPANSION JOINT BELLOW
- G. SAW CUT WALL 1/4" DEEP AT JOINT AS REQUIRED
- H. FASTEN ST. STL. SCREWS W/ NEOPRENE BACKED WASHERS
- J. 1/2" x 18" x 1/2" ST. STL. SCREW W/ NEOPRENE BACKED METAL SEALING WASHERS @ 8" O.C.
- K. 1/2" HEMMED EDGE W/ CONT. SEALANT
- L. TWO-PIECE COUNTERFLASHING 4 PAN FLASHING RECEIVER - SEE DETAIL (B063) FIELD VERIFY ANGLE.
- M. SURFACE APPLIED COUNTERFLASHING - SEE DETAIL (B062)



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REVISIONS		
NO.	DATE	BY:

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PROJECT FOR:  
**ORANGE COUNTY CASSADY  
BUILDING ROOF REPLACEMENT**  
2430 33rd Street, Orlando FL 32839

JOB NO.:	18049.00
DRAWN BY:	TJG
CHECKED BY:	JJW
DATE:	07/19/19
SCALE:	AS NOTED
PLOT SCALE:	1=1

**B04**  
SHEET NO.:  
8 OF 14 SHEET(S)

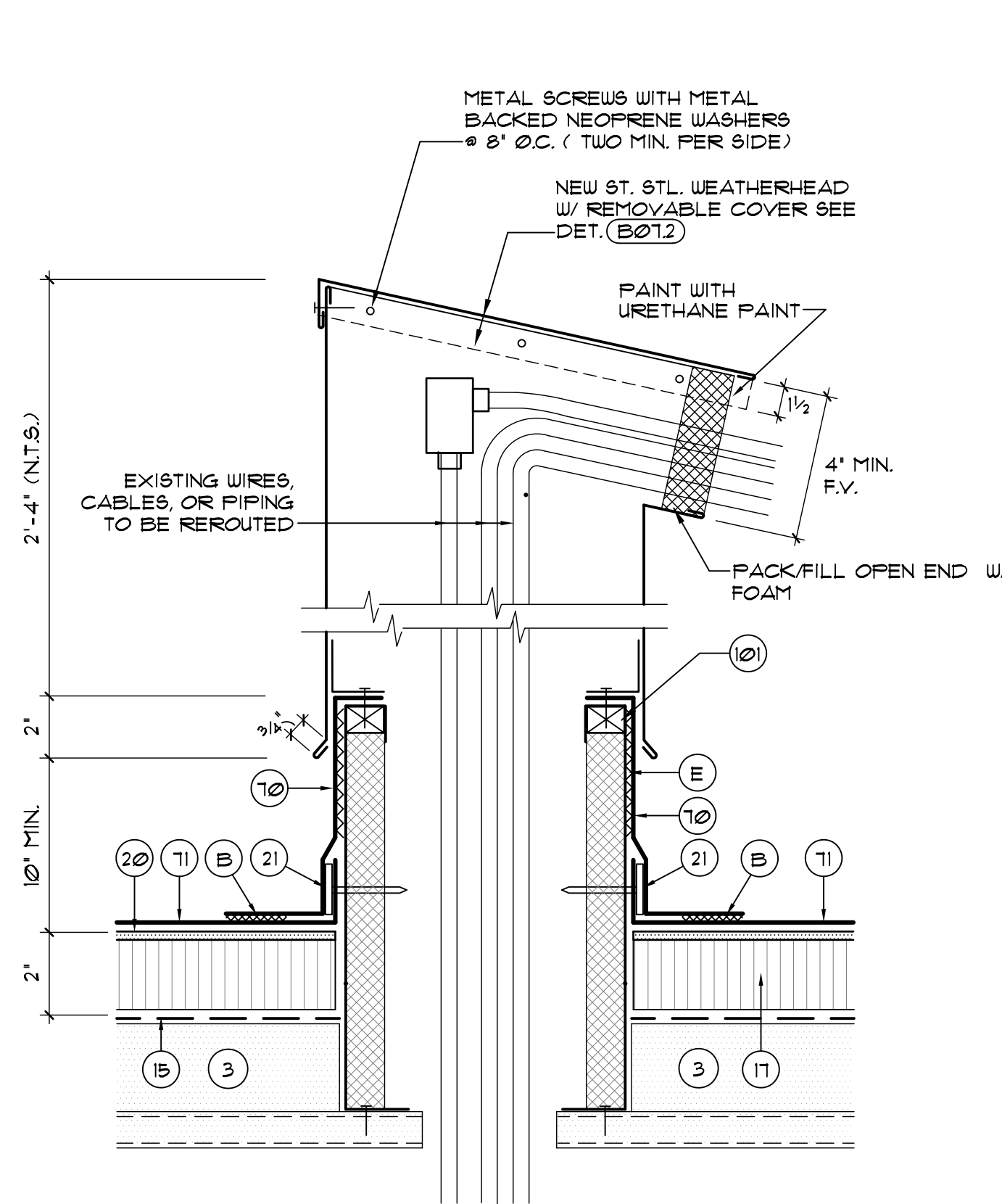
EDGE METAL FABRICATION DETAILS

FOR CONSTRUCTION/PERMITTING

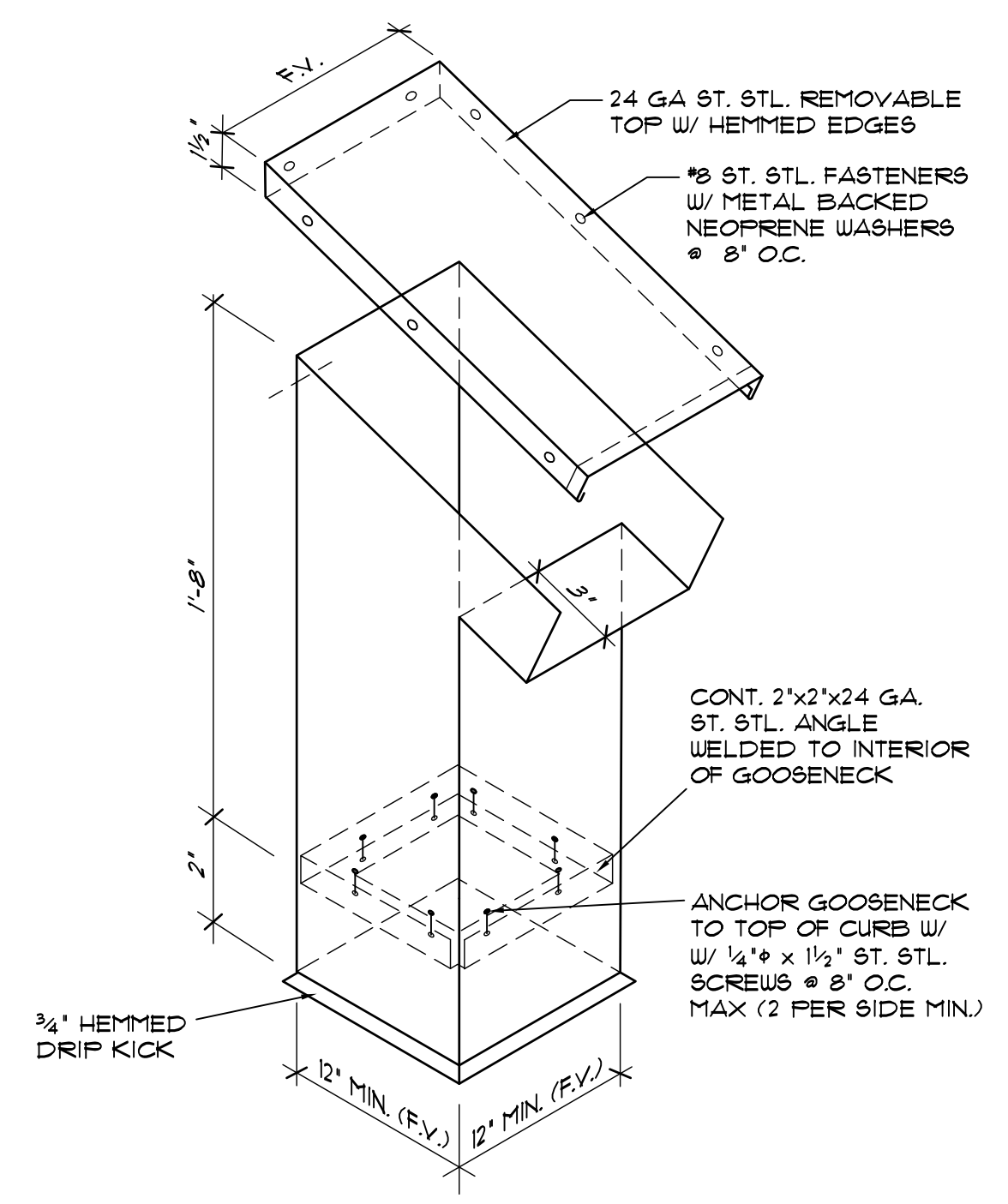




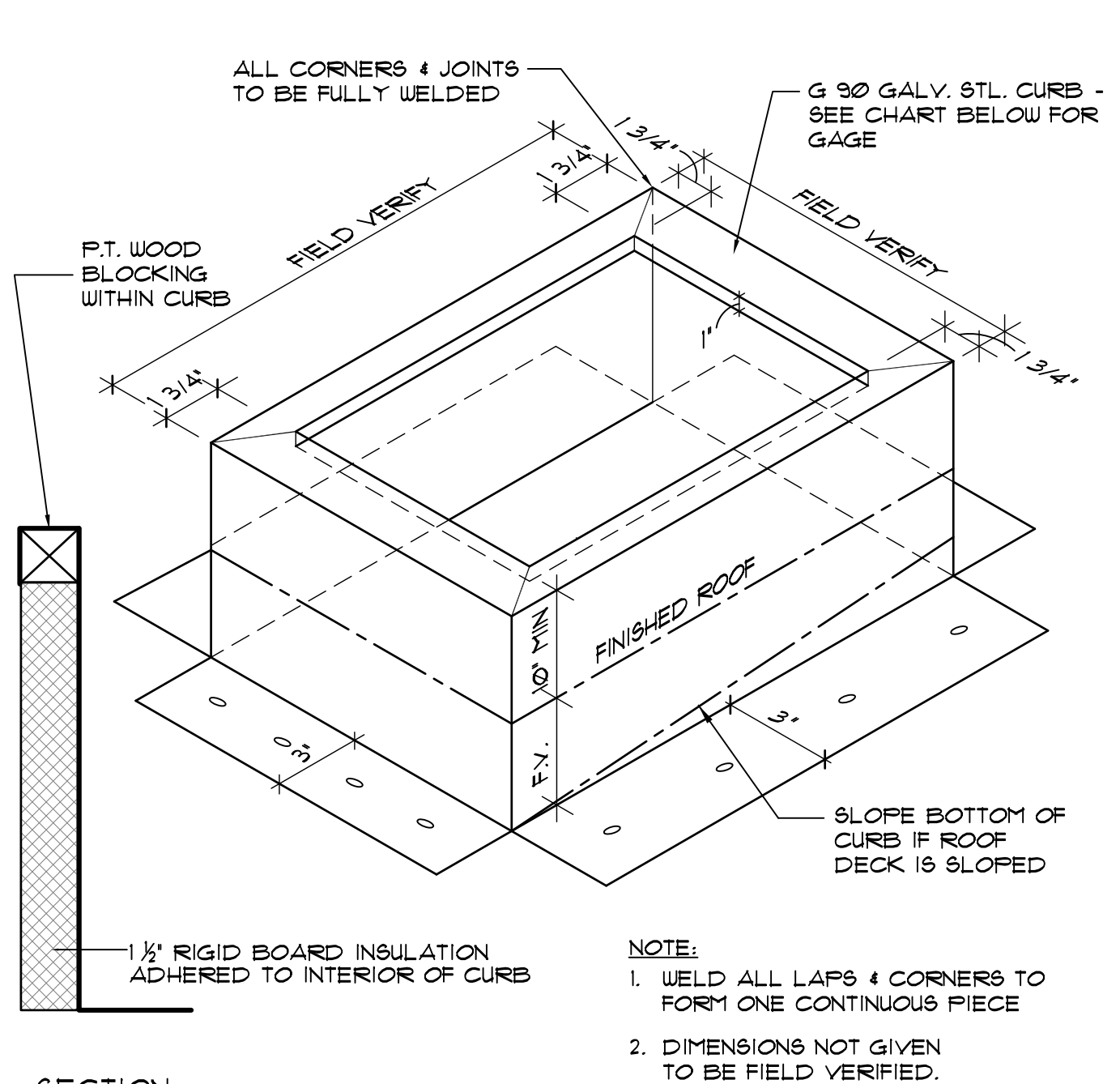




**B07.1** SMALL WEATHERHEAD AND CURB FLASHING DETAIL  
SCALE: 3" = 1'-0"



**B07.2** SMALL WEATHERHEAD AND CURB FABRICATION  
SCALE: 3" = 1'-0"



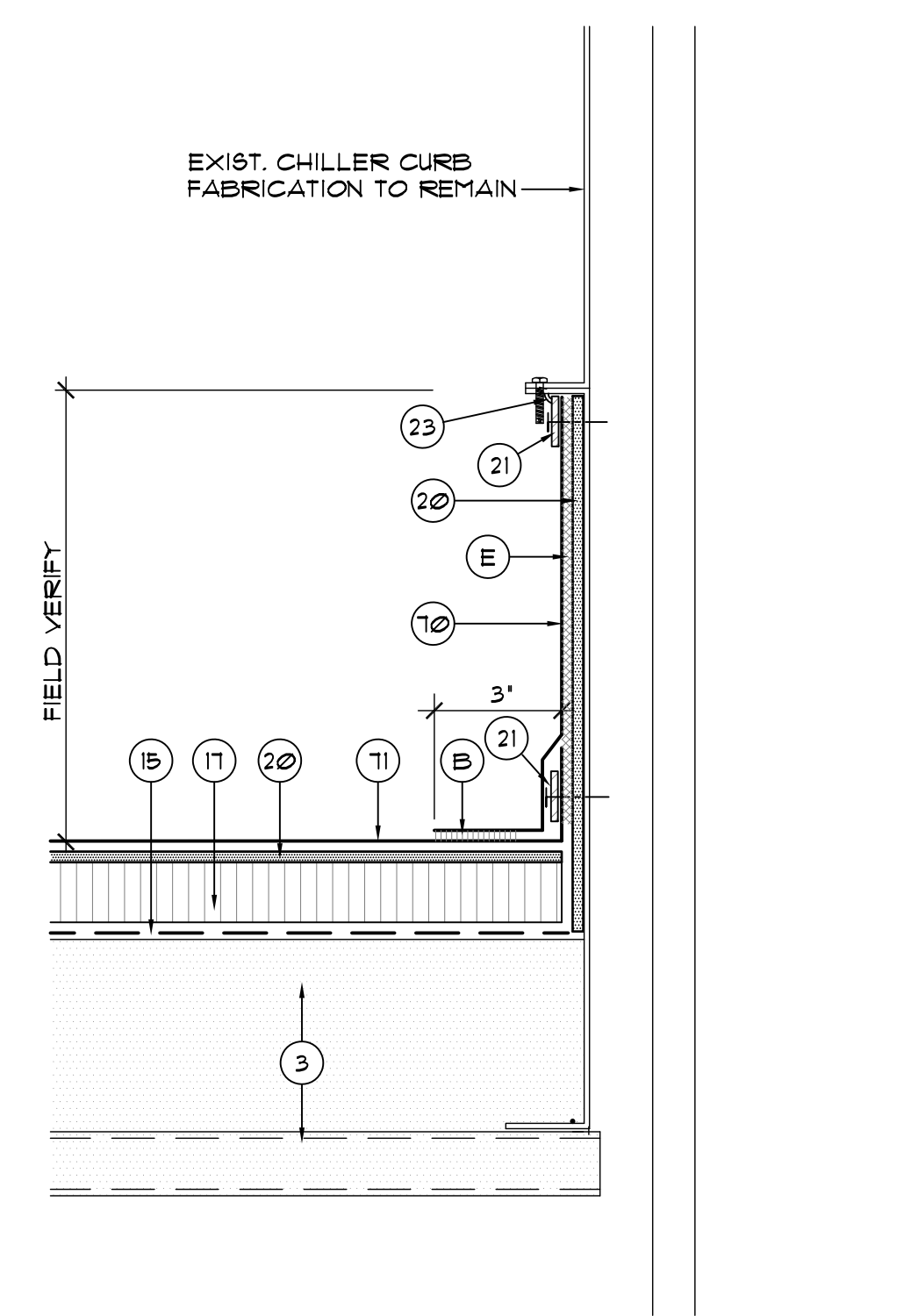
SECTION

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

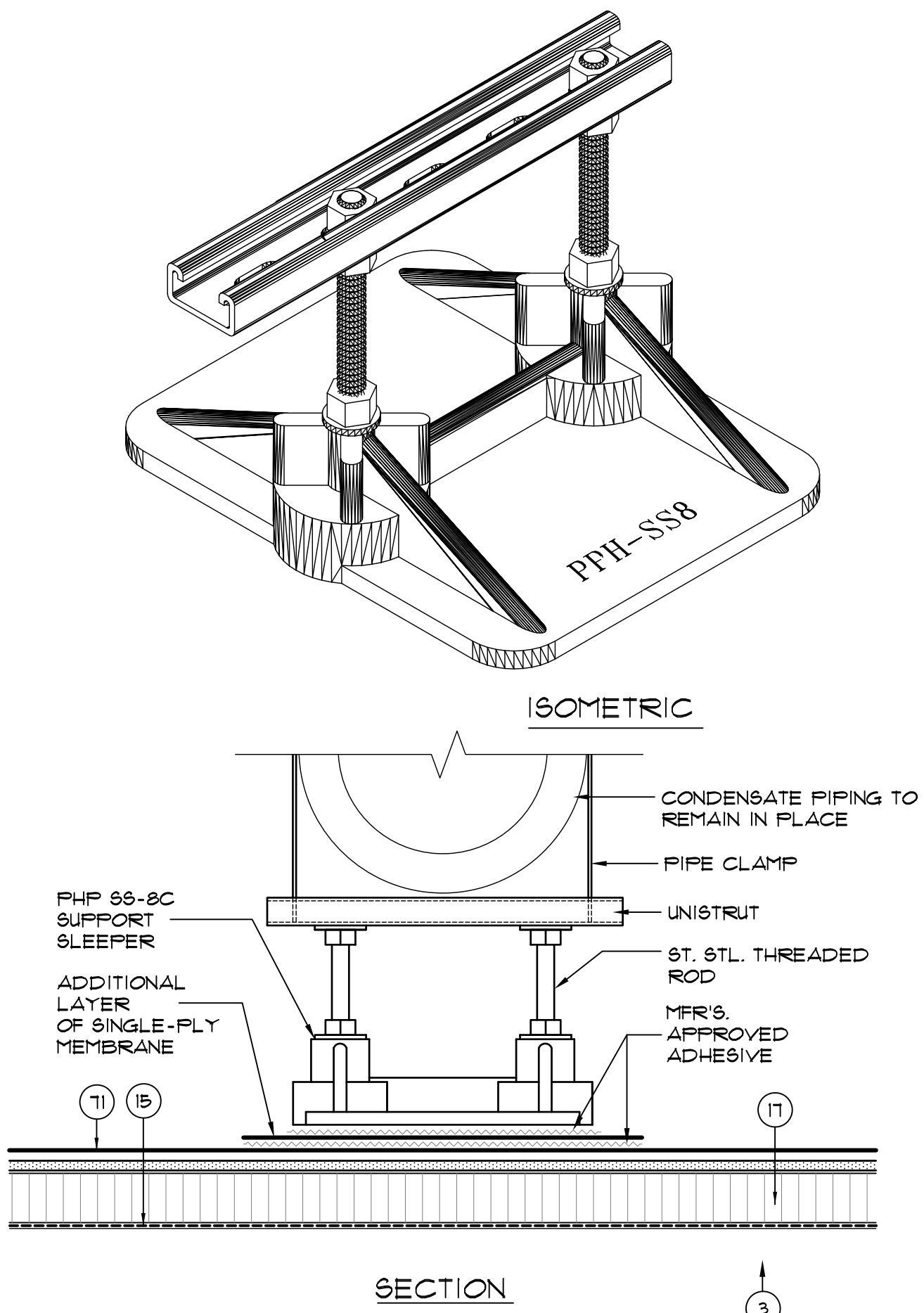
**B07.3** TYPICAL EQUIPMENT CURB AND ANCHORAGE DETAIL  
SCALE: 3" = 1'-0"

**DETAIL NOTES**

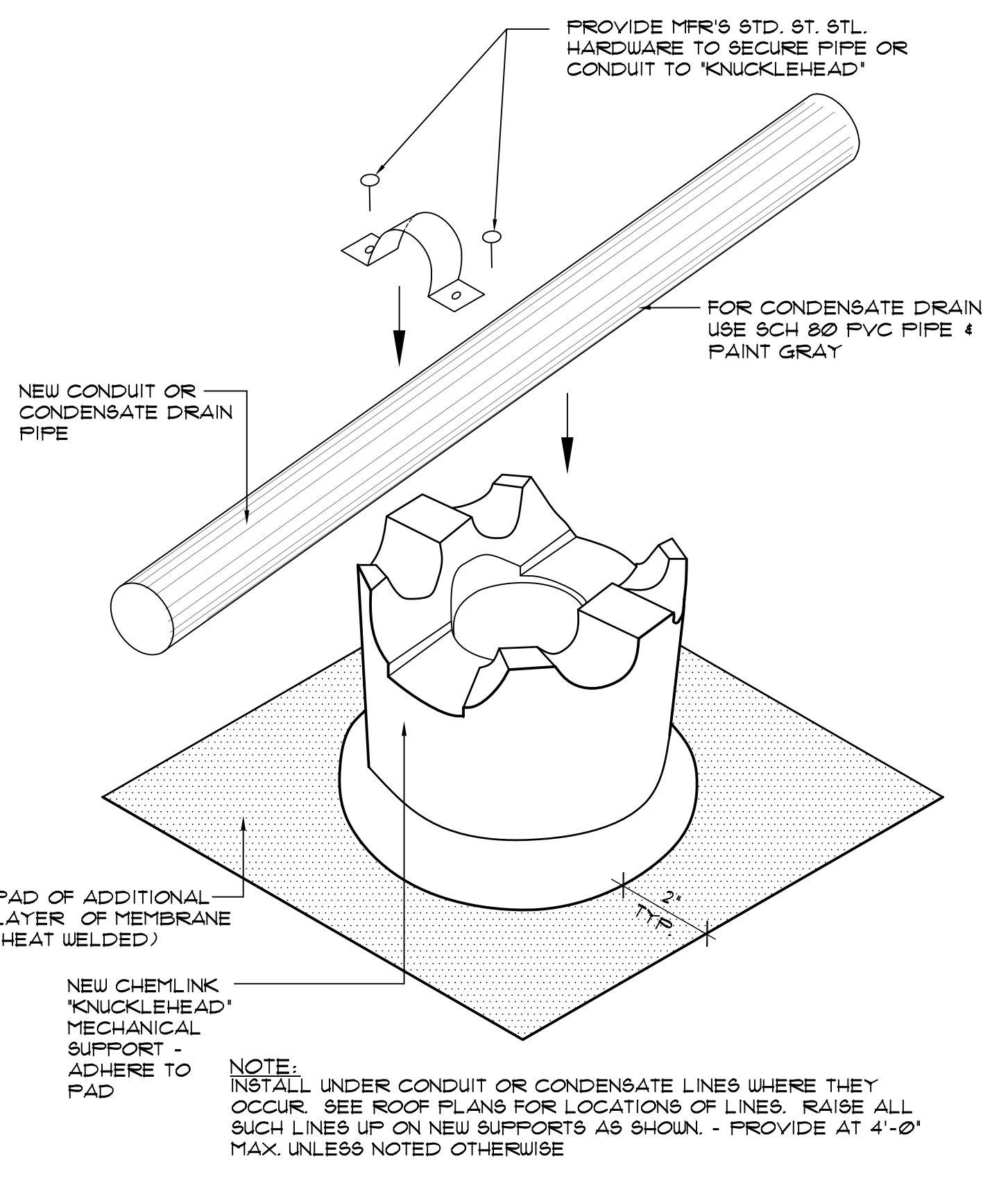
- EXISTING WALL
- EXIST. TAPERED RIGID INSUL. OVER METAL DECK.
- EXIST. PARAPET WALL
- EXISTING MEMBRANE TO REMAIN
- EXISTING ROOFTOP CURB TO REMAIN UNCHANGED.
- EXISTING GYPSUM SHEATHING
- BASE SHEET
- NON-TAPERED RIGID INSULATION PER SPECIFICATIONS.
- TAPERED RIGID INSULATION PER SPECIFICATIONS.
- GYPSUM ROOF COVERBOARD PER SPECIFICATIONS.
- CONT. ALUM. TERMINATION BAR - SEE DETAIL (B021)
- TWO-PIECE COUNTERFLASHING & REGLET MTD. RECEIVER - SEE DETAIL (B061) SECURE RECEIVER W/LEAD WEDGES @ 12" O.C.
- SEALANT - CONTINUOUS TOOLED BEAD (UN.O.)
- CONTINUOUS DOUBLE-SIDED BUTYL FLASHING TAPE.
- CONTINUOUS CLEAT - SEE DETAIL AS NOTED.
- EXISTING VENT STACK - INSTALL EXTENSION AS REQ'D.
- 2 x P.T. WOOD BLOCKING (AS REQUIRED) TO BE FASTENED AT 12" (MAX.) STAGGERED - COUNTERSINK HEADS. TRIM BLOCKING TO MATCH SLOPE AS REQ'D.
- ROUND THIS CORNER TO PROTECT ROOF MEMBRANE.
- NEW ROOF DRAIN - ADJUST ELEV. ABOVE DECK IN FIELD
- EXISTING STRUCTURE TO REMAIN UNCHANGED (UN.O.)
- 3/4" FT. SLOPED SUMP FROM PATCHING CONCRETE - 2' FROM CENTERLINE EACH WAY.
- SELF-ADHESIVE MODIFIED BITUMEN 'DRY-IN' MEMBRANE.
- METAL EDGE FLASHING - SEE DETAIL (B041)
- SINGLE-PLY FLASHING
- SINGLE-PLY MEMBRANE
- EXIST. METAL ROOF PANEL TO REMAIN
- PROVIDE NEW SUPPLEMENTAL SUPPORT FRAMING AT EXISTING ROOF DRAINS PER DETAIL (B033) AS REQUIRED.
- PREMANUFACTURED CURB W/NAILER & INSULATION- ANCHOR TO DECK OR - SEE DETAIL (B013)
- NEW 3" WIDE RETAINER CLEAT @ 18" O.C. MAX. W/ 2 FASTENERS MIN. - BEND UP IN FIELD TO SECURE COUNTERFLASHING
- WRAP ROOF LEADER PIPE & PACK UNDER DRAIN W/ NON-COMBUSTIBLE INSULATION
- EXISTING WOOD BLOCKING OR TRIM TO REMAIN, REPLACE IN 'LIKE-KIND' WHERE DAMAGED OR DETERIORATED
- EXISTING SKIRT METAL TO REMAIN, RE-SECURE AS REQUIRED.
- HEAT WELD
- NEW 22 GA MIN. STEEL ROOF DECK - MATCH EXISTING TYPE & PROFILE IF NESTING DECKS - SEAL ALL OPENINGS
- 1/2" x 18" TAPERED RIGID PERLITE EDGE STRIP.
- FULLY ADHERE W/ MFR'S. APPROVE ADHESIVE
- FLEXIBLE EXPANSION JOINT BELLOW
- SAW CUT WALL 1/4" DEEP AT JOINT AS REQUIRED
- FASTEN ST. STL. SCREWS W/ NEOPRENE BACKED WASHERS
- 1/4" x 1/2" ST. STL. SCREW W/ NEOPRENE BACKED METAL SEALING WASHERS @ 8" O.C.
- 1/2" HEMMED EDGE W/ CONT. SEALANT
- TWO-PIECE COUNTERFLASHING & PAN FLASHING RECEIVER - SEE DETAIL (B063) FIELD VERIFY ANGLE.
- SURFACE APPLIED COUNTERFLASHING - SEE DETAIL (B062)



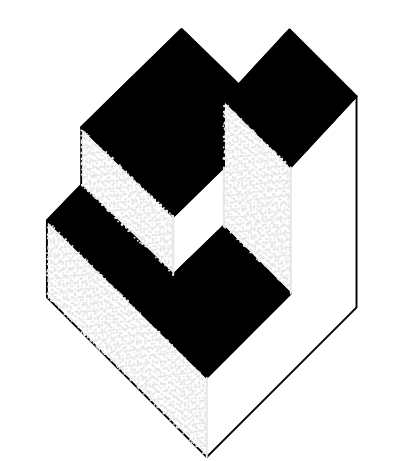
**B07.4** EXISTING LARGE WEATHERHEAD CURB FLASHING DETAIL  
SCALE: 3" = 1'-0"



**B07.5** CHILLER PIPE SUPPORT DETAIL  
SCALE: 3" = 1'-0"

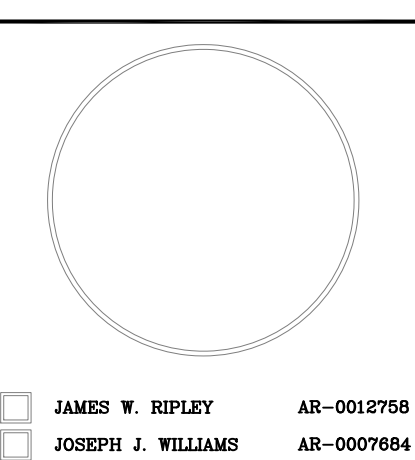


**B07.6** TYPICAL CONDENSATE DRAIN SUPPORT BLOCK DETAIL  
SCALE: 3" = 1'-0"



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NO.	DATE	BY:

- NEW 3" WIDE RETAINER CLEAT @ 18" O.C. MAX. W/ 2 FASTENERS MIN. - BEND UP IN FIELD TO SECURE COUNTERFLASHING
- WRAP ROOF LEADER PIPE & PACK UNDER DRAIN W/ NON-COMBUSTIBLE INSULATION
- EXISTING WOOD BLOCKING OR TRIM TO REMAIN, REPLACE IN 'LIKE-KIND' WHERE DAMAGED OR DETERIORATED
- EXISTING SKIRT METAL TO REMAIN, RE-SECURE AS REQUIRED.
- HEAT WELD
- NEW 22 GA MIN. STEEL ROOF DECK - MATCH EXISTING TYPE & PROFILE IF NESTING DECKS - SEAL ALL OPENINGS
- 1/2" x 18" TAPERED RIGID PERLITE EDGE STRIP.
- FULLY ADHERE W/ MFR'S. APPROVE ADHESIVE
- FLEXIBLE EXPANSION JOINT BELLOW
- SAW CUT WALL 1/4" DEEP AT JOINT AS REQUIRED
- FASTEN ST. STL. SCREWS W/ NEOPRENE BACKED WASHERS
- 1/4" x 1/2" ST. STL. SCREW W/ NEOPRENE BACKED METAL SEALING WASHERS @ 8" O.C.
- 1/2" HEMMED EDGE W/ CONT. SEALANT
- TWO-PIECE COUNTERFLASHING & PAN FLASHING RECEIVER - SEE DETAIL (B063) FIELD VERIFY ANGLE.
- SURFACE APPLIED COUNTERFLASHING - SEE DETAIL (B062)

MECHANICAL FLASHING AND PIPE SUPPORT

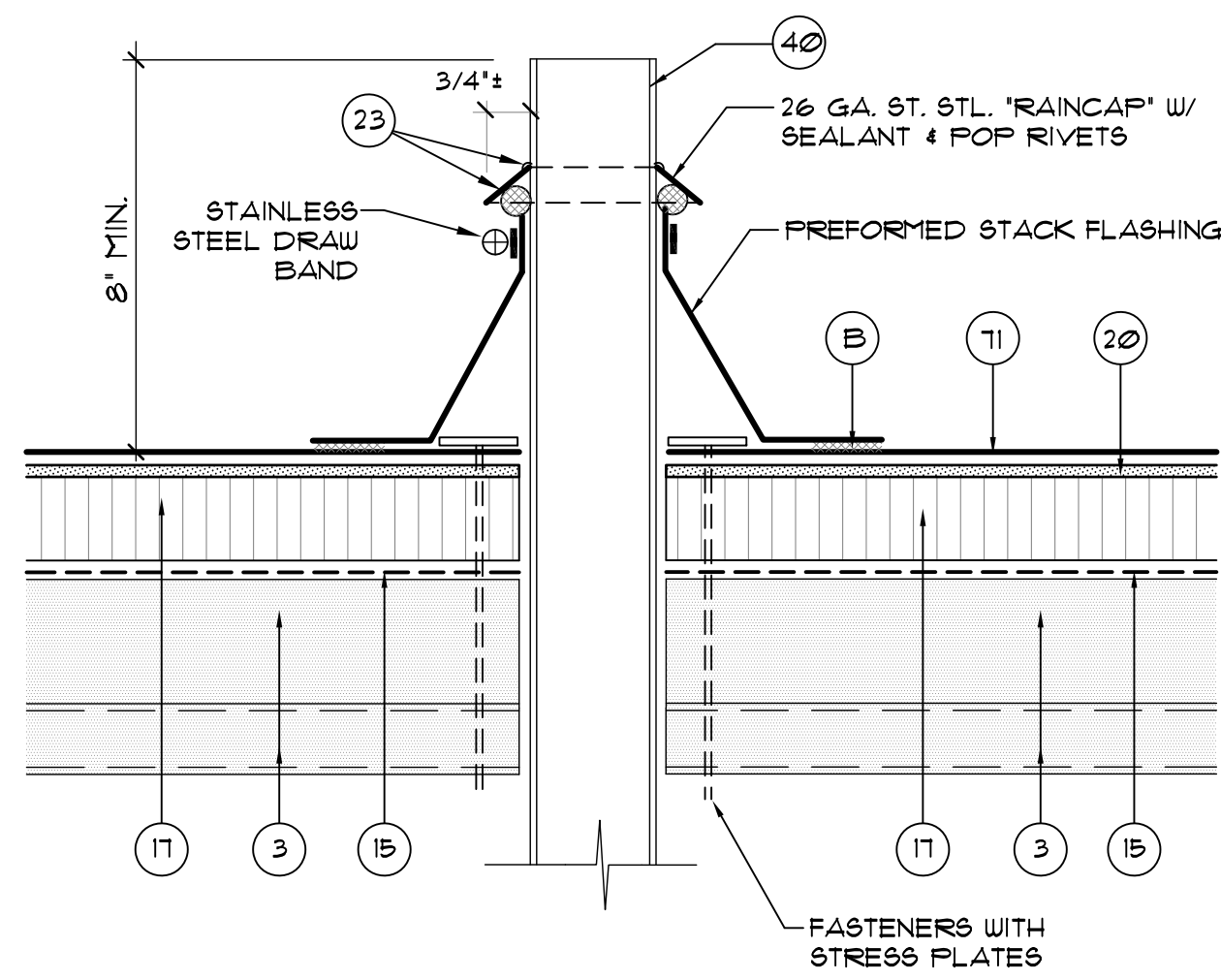
PROJECT FOR:

**ORANGE COUNTY CASSADY  
BUILDING ROOF REPLACEMENT**  
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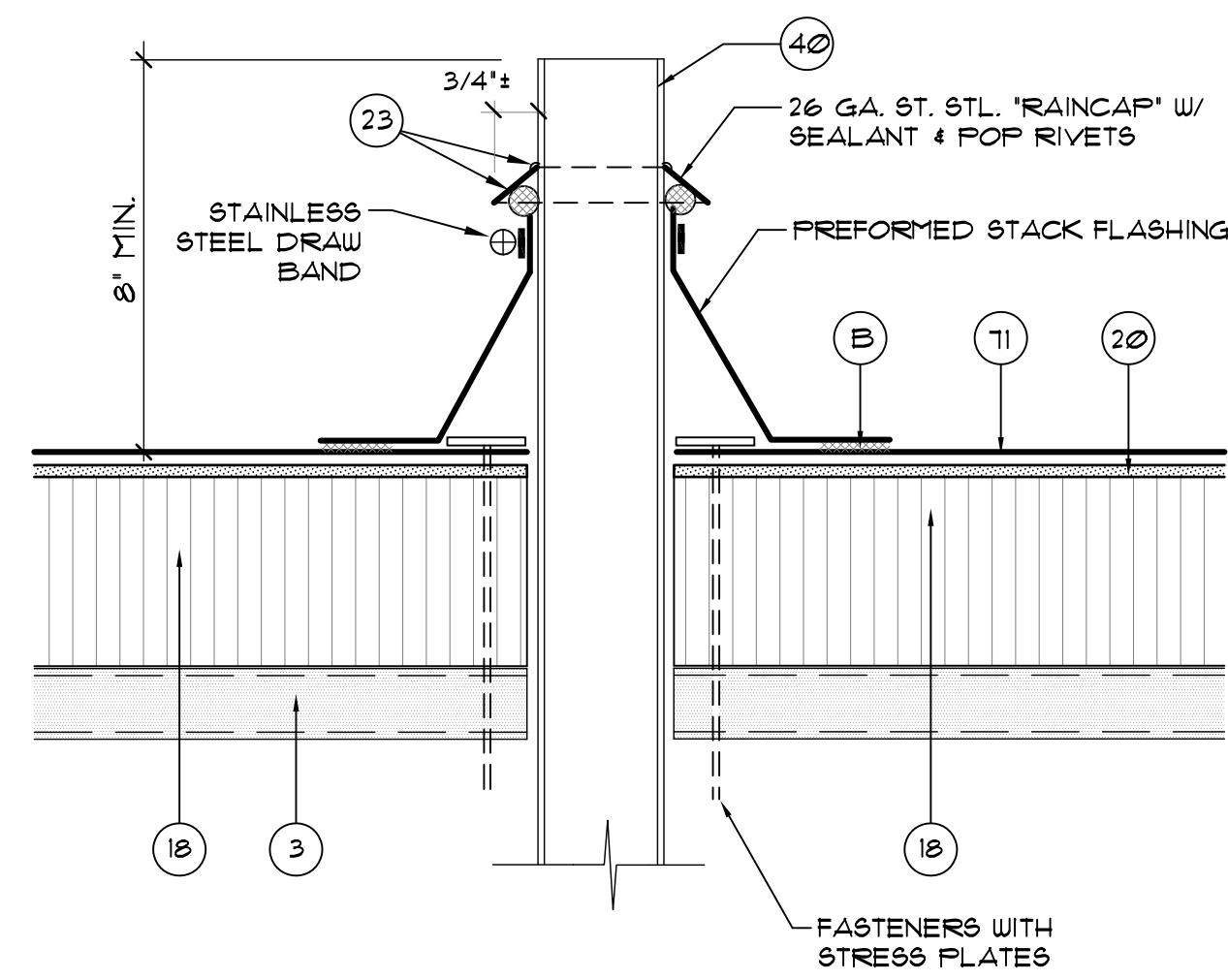
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SCALE: AS NOTED  
PLOT SCALE: 1=1

**B07**  
SHEET NO.:  
11 OF 14 SHEET(S)

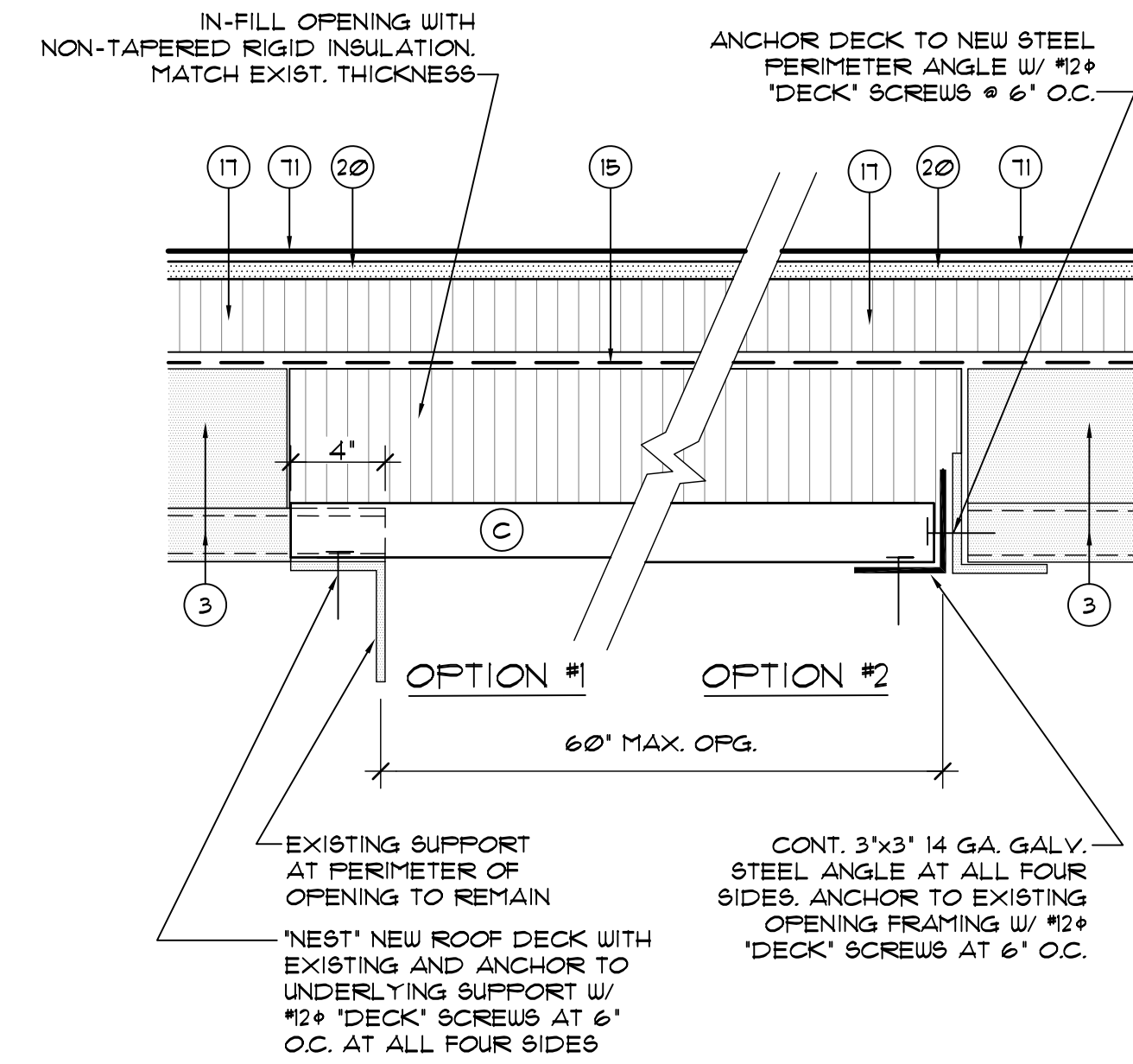
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**B08.1** TYPICAL PIPE FLASHING DETAIL AT UPPER ROOF DETAIL  
SCALE: 3' = 1'-0"



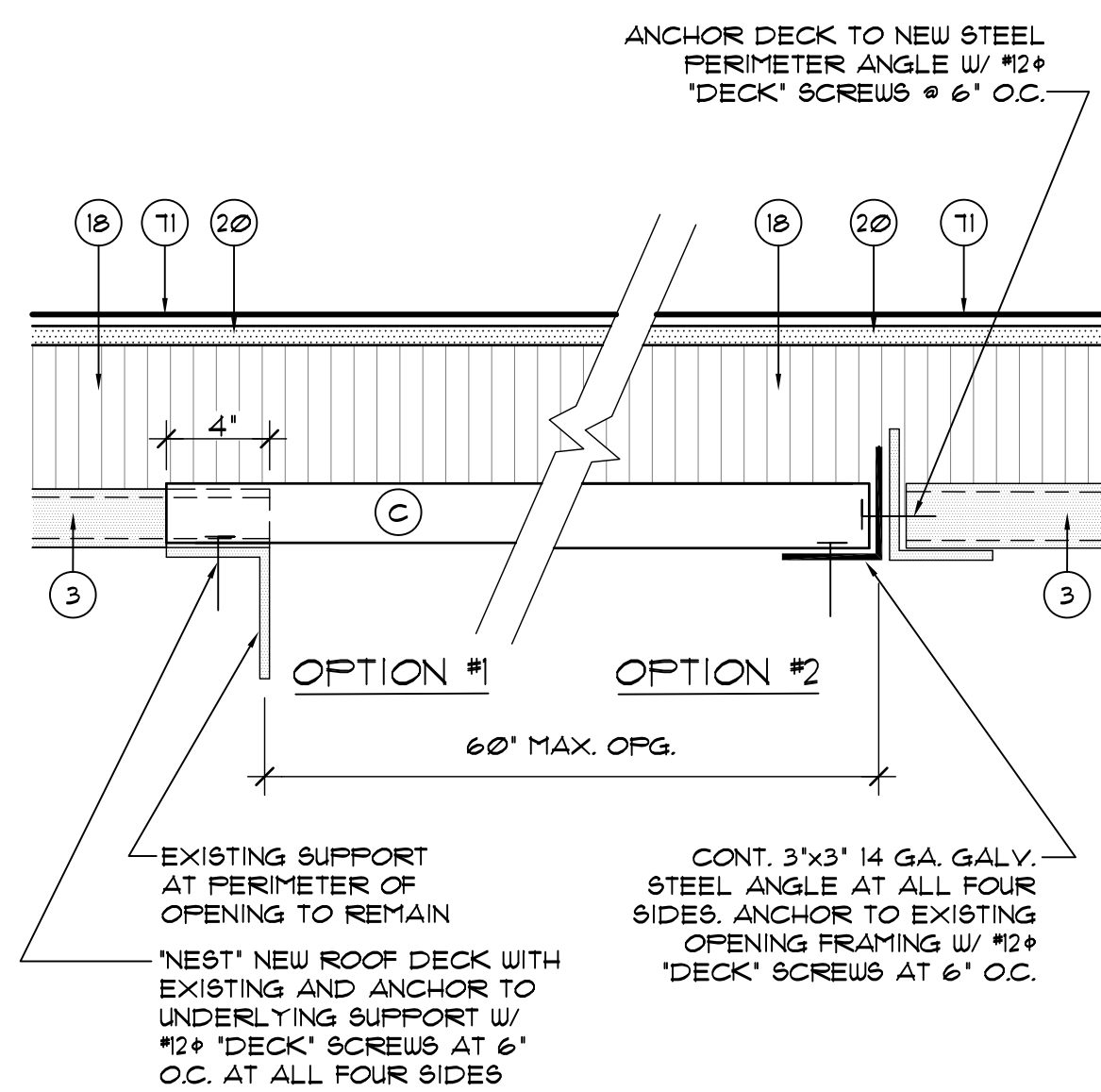
**B08.2** TYPICAL PIPE FLASHING DETAIL AT LOWER ROOF AREAS  
SCALE: 3' = 1'-0"



CLOSURE AT DECK OPENINGS

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

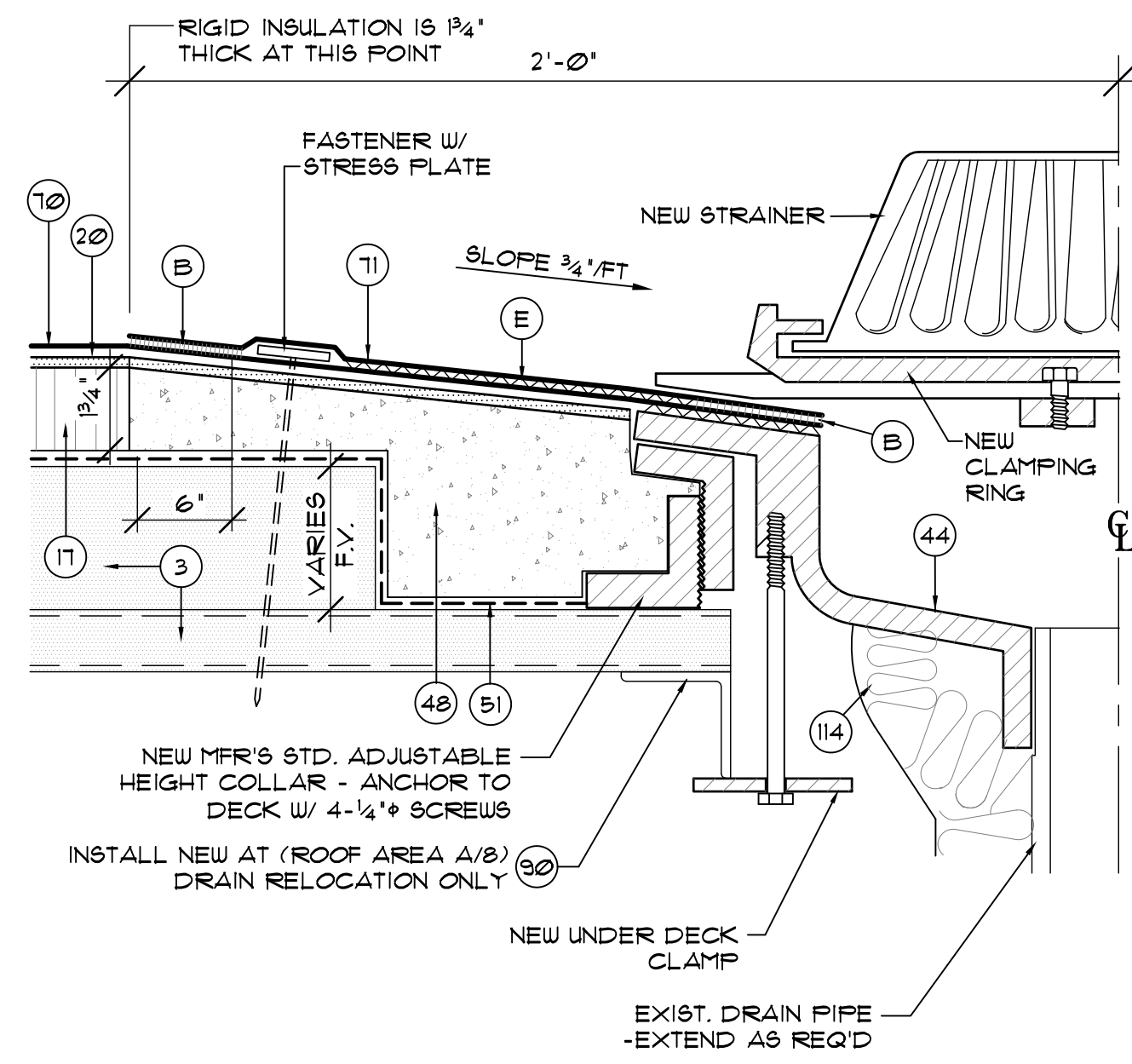
**B08.3** DECK IN-FILL AT EXISTING OPENING AT UPPER ROOF DECK  
SCALE: 3' = 1'-0"



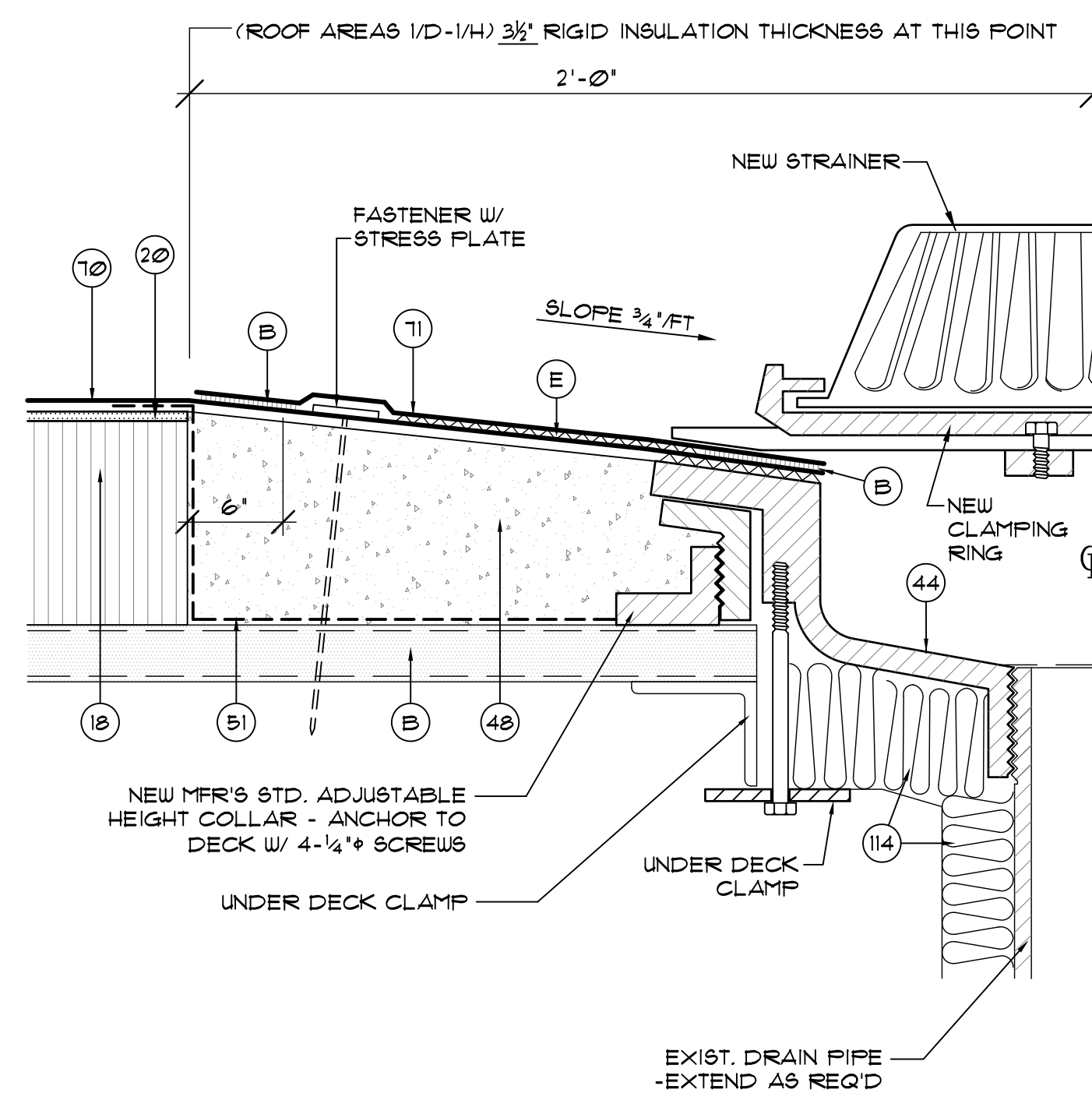
CLOSURE AT DECK OPENINGS

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

**B08.4** DECK IN-FILL AT EXISTING OPENING AT LOWER ROOF DECK  
SCALE: 3' = 1'-0"



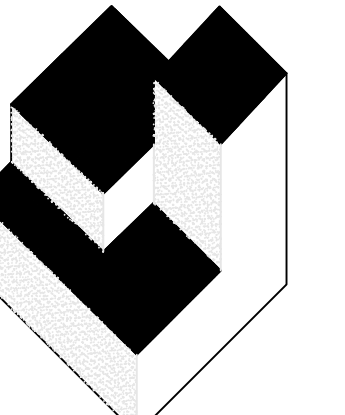
**B08.5** TYPICAL ROOF DRAIN REPLACEMENT AT UPPER ROOF DECK  
SCALE: 3' = 1'-0"



**B08.6** TYPICAL ROOF DRAIN REPLACEMENT AT LOWER ROOF DECK  
SCALE: 3' = 1'-0"

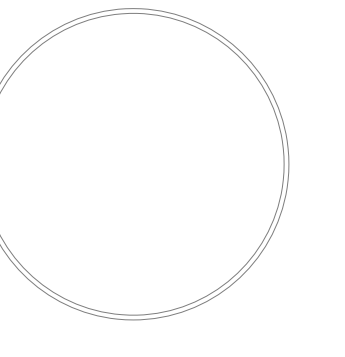
DETAIL NOTES

2. EXISTING WALL
3. EXIST. TAPERED RIGID INSUL. OVER METAL DECK.
4. EXIST. PARAPET WALL
6. EXISTING MEMBRANE TO REMAIN
10. EXISTING ROOFTOP CURB TO REMAIN UNCHANGED.
13. EXISTING GYPSUM SHEATHING
15. BASE SHEET
17. NON-TAPERED RIGID INSULATION PER SPECIFICATIONS.
18. TAPERED RIGID INSULATION PER SPECIFICATIONS.
20. GYPSUM ROOF COVERBOARD PER SPECIFICATIONS.
21. CONT. ALUM. TERMINATION BAR - SEE DETAIL (B021)
22. TWO-PIECE COUNTERFLASHING & REGLET MTD. RECEIVER - SEE DETAIL (B061) SECURE RECEIVER W/ LEAD WEDGES @ 12' O.C.
23. SEALANT - CONTINUOUS TOOLED BEAD (UN.O.)
24. CONTINUOUS DOUBLE-SIDED BUTYL FLASHING TAPE.
32. CONTINUOUS CLEAT - SEE DETAIL AS NOTED.
40. EXISTING VENT STACK - INSTALL EXTENSION AS REQ'D.
41. 2 x P.T. WOOD BLOCKING (AS REQUIRED) TO BE FASTENED AT 12' O.C. (MAX.) STAGGERED - COUNTERSINK HEADS. TRIM BLOCKING TO MATCH SLOPE AS REQ'D.
43. ROUND THIS CORNER TO PROTECT ROOF MEMBRANE.
44. NEW ROOF DRAIN - ADJUST ELEV. ABOVE DECK IN FIELD
45. EXISTING STRUCTURE TO REMAIN UNCHANGED (UN.O.)
48. 3/4\"/>
- 51. SELF-ADHESIVE MODIFIED BITUMEN 'DRY-IN' MEMBRANE.
- 61. METAL EDGE FLASHING - SEE DETAIL (B041)
- 70. SINGLE-PLY FLASHING
- 71. SINGLE-PLY MEMBRANE
- 80. EXIST. METAL ROOF PANEL TO REMAIN
- 90. PROVIDE NEW SUPPLEMENTAL SUPPORT FRAMING AT EXISTING ROOF DRAINS PER DETAIL (B033) AS REQUIRED.
- 101. PREMANUFACTURED CURB W/ NAILER & INSULATION - ANCHOR TO DECK OR - SEE DETAIL (B013)
- 111. NEW 3\"/>
- 114. WRAP ROOF LEADER PIPE & PACK UNDER DRAIN W/ NON-COMBUSTIBLE INSULATION
- 133. EXISTING WOOD BLOCKING OR TRIM TO REMAIN, REPLACE IN 'LIKE-KIND' WHERE DAMAGED OR DETERIORATED
- A. EXISTING SKIRT METAL TO REMAIN, RE-SECURE AS REQUIRED.
- B. HEAT WELD
- C. NEW 22 GA MIN. STEEL ROOF DECK - MATCH EXISTING TYPE & PROFILE IF NESTING DECKS - SEAL ALL OPENINGS
- D. 1/2\"/>
- E. FULLY ADHERE W/ MFR'S APPROVE ADHESIVE
- F. FLEXIBLE EXPANSION JOINT BELLOW
- G. SAW CUT WALL 1/4\"/>
- H. FASTEN ST. STL. SCREWS W/ NEOPRENE BACKED WASHERS
- J. 1/4\"/>
- K. 1/2\"/>
- L. TWO-PIECE COUNTERFLASHING & PAN FLASHING RECEIVER - SEE DETAIL (B063) FIELD VERIFY ANGLE.
- M. SURFACE APPLIED COUNTERFLASHING - SEE DETAIL (B062)



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

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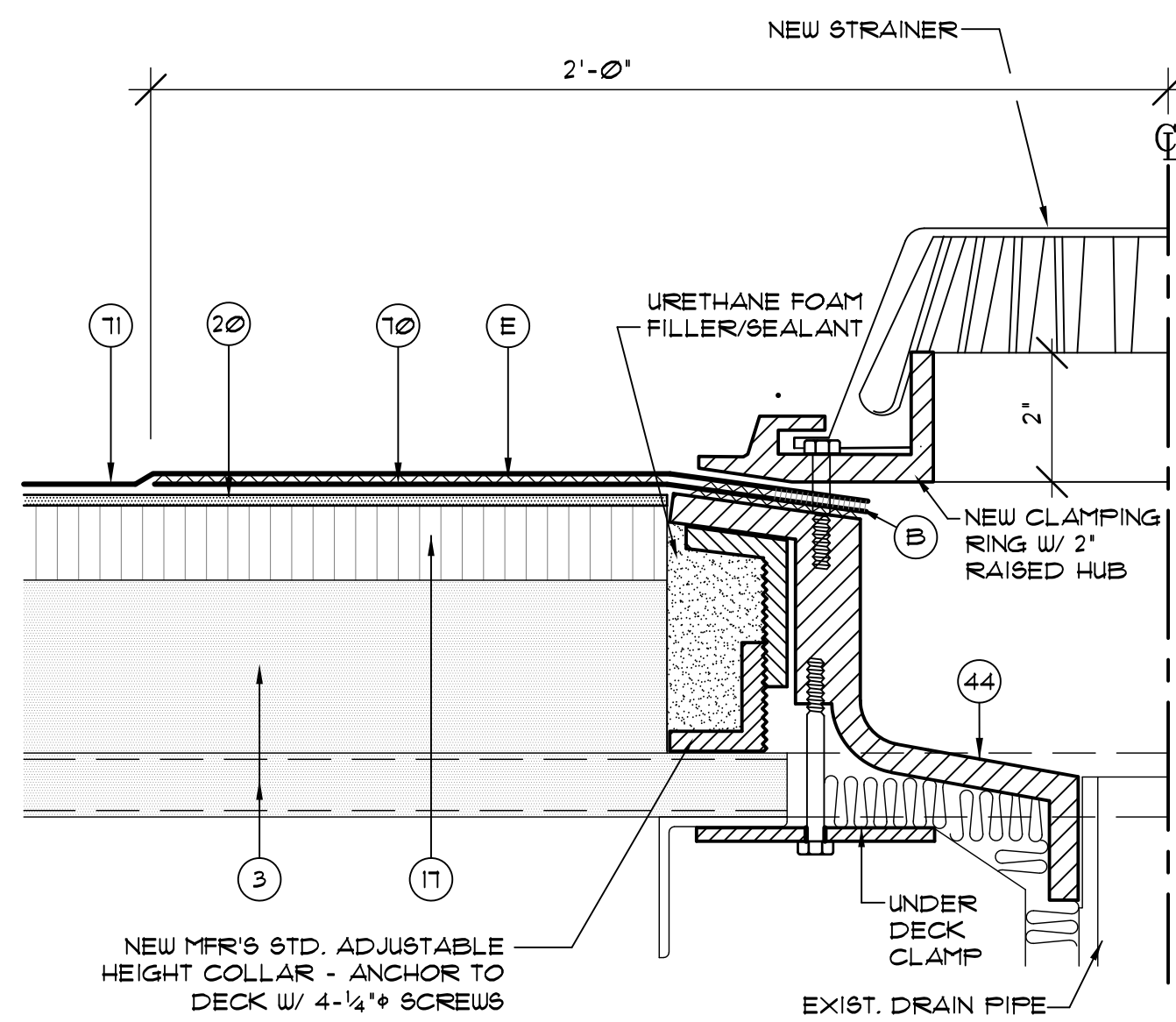
PROJECT FOR:  
**ORANGE COUNTY CASSADY  
BUILDING ROOF REPLACEMENT**  
2430 33rd Street, Orlando FL 32839

JOB NO.: 18049.00  
DRAWN BY: TJG  
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DATE: 07/19/19  
SCALE: AS NOTED  
PLOT SCALE: 1=1

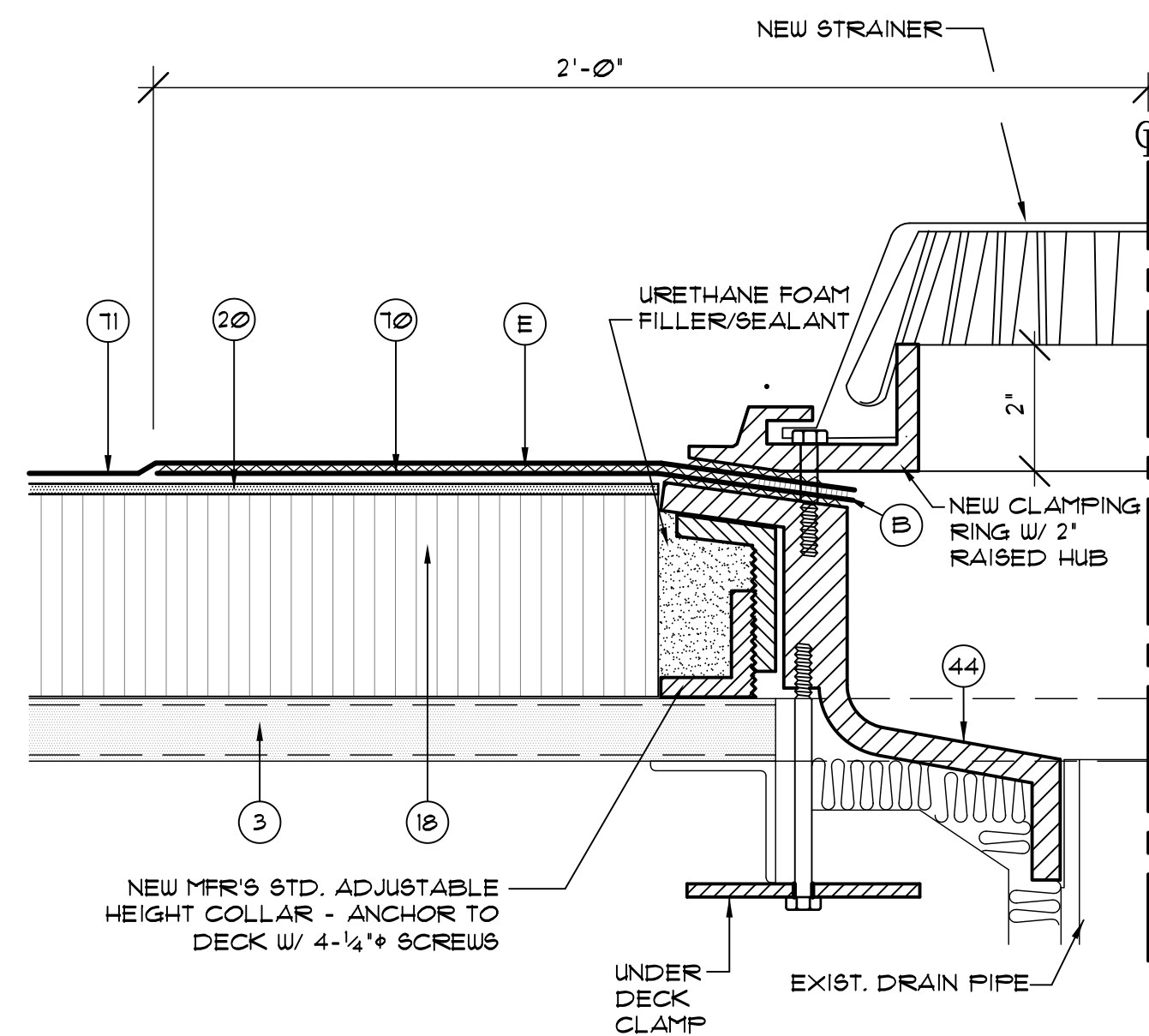
**B08**  
SHEET NO.:  
12 OF 14 SHEET(S)

PIPE FLASHING AND ROOF DRAINAGE DETAILS

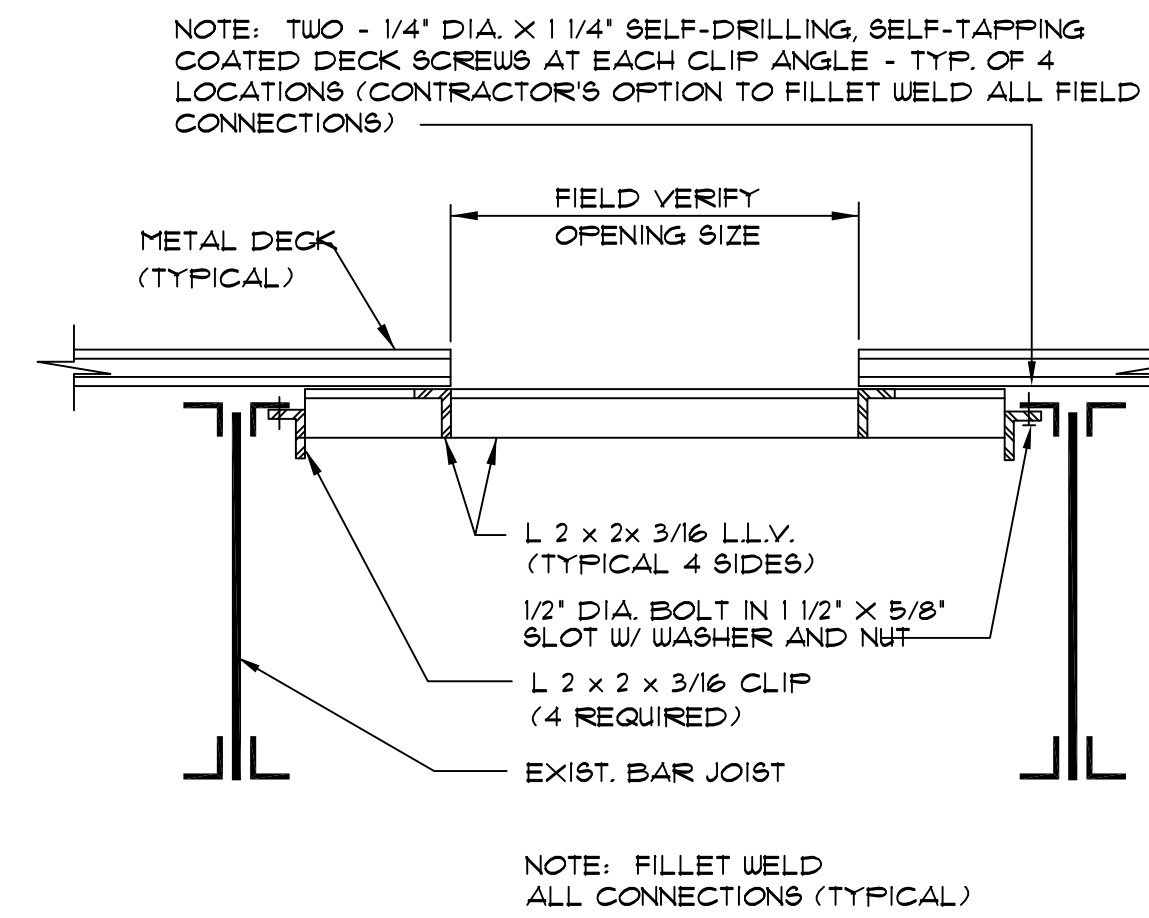
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**B09.1** TYPICAL OVERFLOW DRAIN AT UPPER ROOF DECK  
SCALE: 3" = 1'-0"



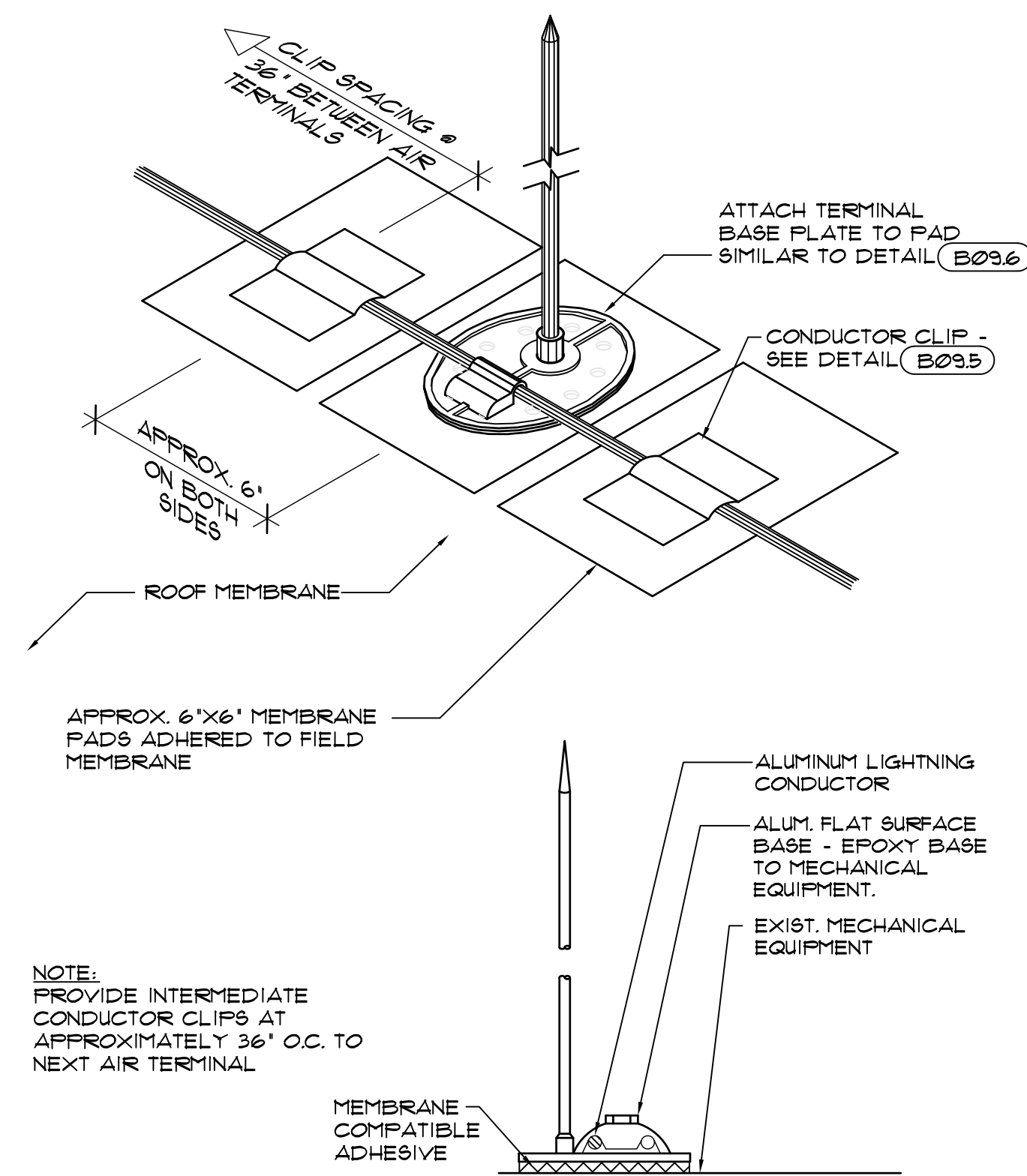
**B09.2** TYPICAL OVERFLOW DRAIN AT LOWER ROOF DECK  
SCALE: 3" = 1'-0"



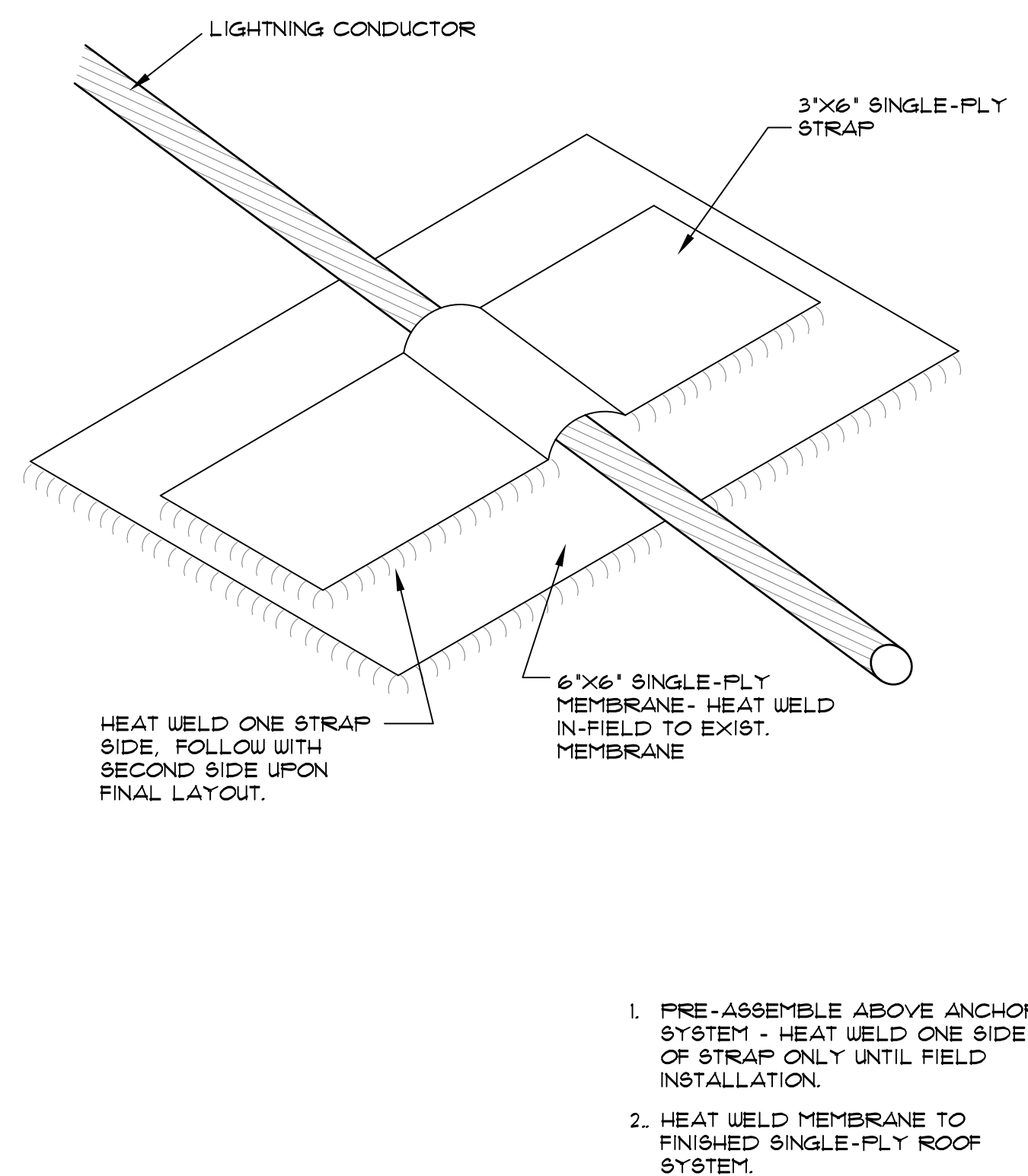
**TYPICAL ROOF DRAIN OPENING DETAIL**

NOTE: FIELD VERIFY THAT DECK OPENINGS AT EXISTING DRAIN LOCATIONS ARE ADEQUATELY SUPPORTED. PROVIDE SUPPLEMENTAL FRAMING AS SHOWN IF NEEDED.

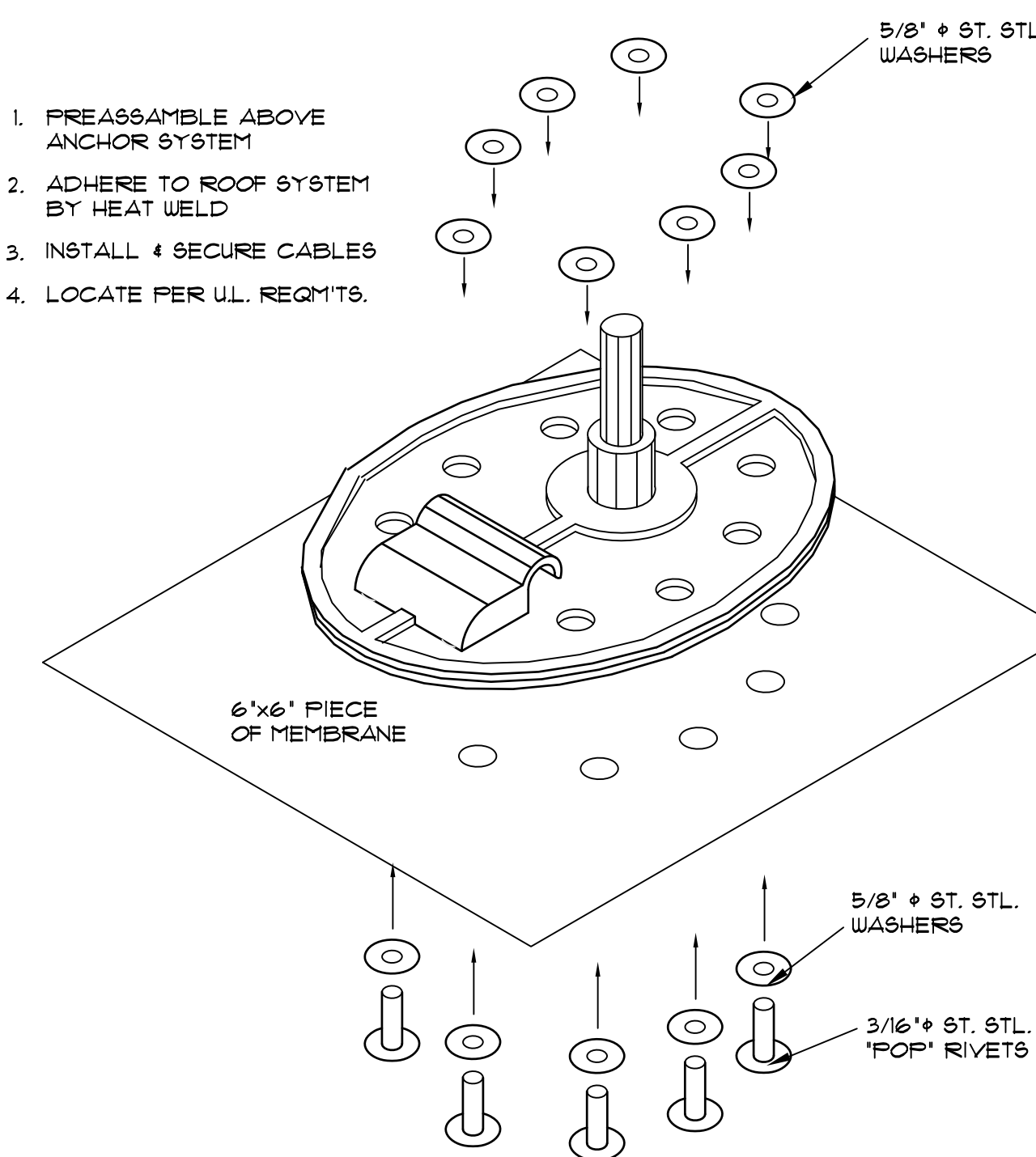
**B09.3** SUPPLEMENTAL ROOF DRAIN SUPPORT FRAMING BELOW DECK  
SCALE: 3" = 1'-0"



**B09.4** TYPICAL FLAT AIR TERMINAL DETAILS  
SCALE: 3" = 1'-0"



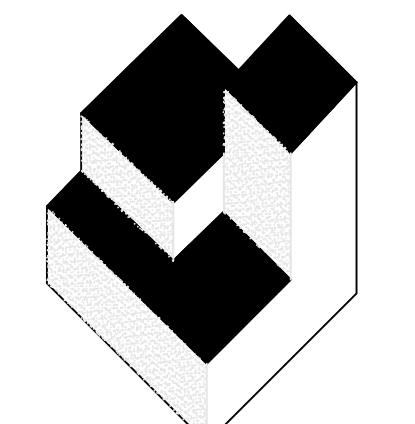
**B09.5** LIGHTNING CONDUCTOR ANCHORAGE DETAIL  
SCALE: 3" = 1'-0"



**B09.6** TERMINAL BASE ATTACHMENT DETAIL  
SCALE: 3" = 1'-0"

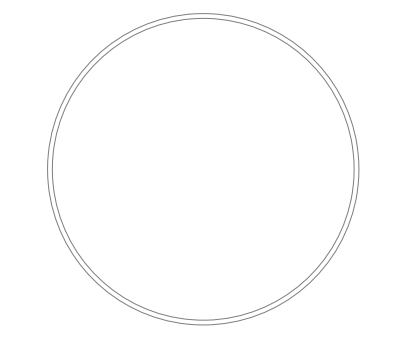
**DETAIL NOTES**

2. EXISTING WALL
3. EXIST. TAPERED RIGID INSUL. OVER METAL DECK
4. EXIST. PARAPET WALL
6. EXISTING MEMBRANE TO REMAIN
10. EXISTING ROOFTOP CURB TO REMAIN UNCHANGED.
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15. BASE SHEET
17. NON-TAPERED RIGID INSULATION PER SPECIFICATIONS.
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20. GYPSUM ROOF COVERBOARD PER SPECIFICATIONS.
21. CONT. ALUM. TERMINATION BAR - SEE DETAIL (B021)
22. TWO-PIECE COUNTERFLASHING & REGLET MTD. RECEIVER - SEE DETAIL (B061) SECURE RECEIVER W/LEAD WEDGES @ 12" O.C.
23. SEALANT - CONTINUOUS TOOLED BEAD (U.N.O.)
24. CONTINUOUS DOUBLE-SIDED BUTYL FLASHING TAPE.
32. CONTINUOUS CLEAT - SEE DETAIL AS NOTED.
40. EXISTING VENT STACK - INSTALL EXTENSION AS REQ'D.
41. 2 x P.T. WOOD BLOCKING (AS REQUIRED) TO BE FASTENED AT 12" O.C. (MAX.) STAGGERED - COUNTERSINK HEADS. TRIM BLOCKING TO MATCH SLOPE AS REQ'D.
43. ROUND THIS CORNER TO PROTECT ROOF MEMBRANE.
44. NEW ROOF DRAIN - ADJUST ELEV. ABOVE DECK IN FIELD
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48. 3/4" FT. SLOPED SUMP FROM PATCHING CONCRETE - 2' FROM CENTERLINE EACH WAY.
51. SELF-ADHESIVE MODIFIED BITUMEN 'DRY-IN' MEMBRANE.
61. METAL EDGE FLASHING - SEE DETAIL (B041)
70. SINGLE-PLY FLASHING
71. SINGLE-PLY MEMBRANE
80. EXIST. METAL ROOF PANEL TO REMAIN
90. PROVIDE NEW SUPPLEMENTAL SUPPORT FRAMING AT EXISTING ROOF DRAINS PER DETAIL (B033) AS REQUIRED.
101. PREMANUFACTURED CURB W/NAILER & INSULATION- ANCHOR TO DECK OR - SEE DETAIL (B033)
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
133. EXISTING WOOD BLOCKING OR TRIM TO REMAIN, REPLACE IN 'LIKE-KIND' WHERE DAMAGED OR DETERIORATED
- A. EXISTING SKIRT METAL TO REMAIN, RE-SECURE AS REQUIRED.
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JOSEPH J. WILLIAMS AR-0007684

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NO.	DATE	BY:

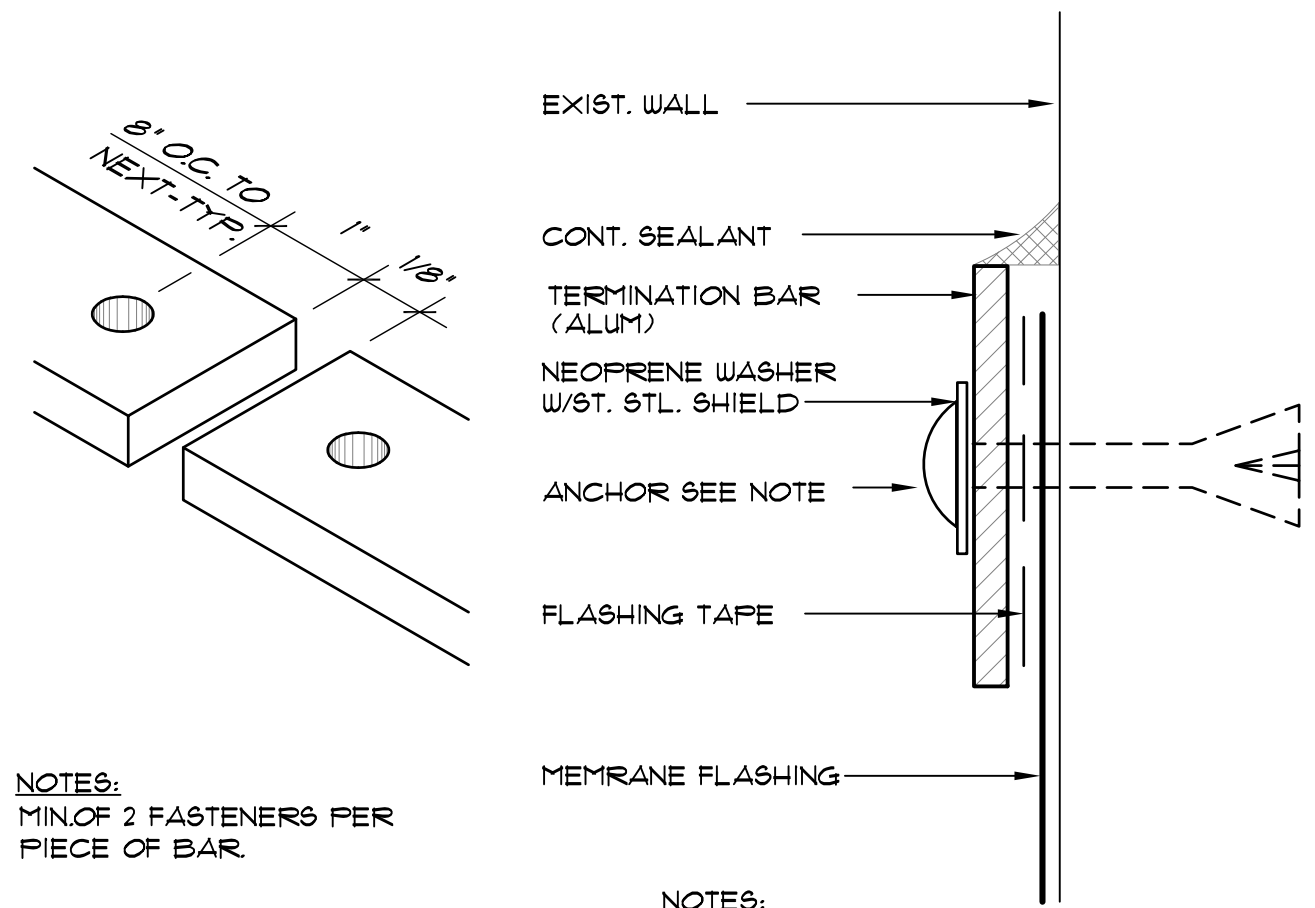
ROOF DRAINAGE AND LIGHTNING PROTECTION DETAILS

PROJECT FOR:  
**ORANGE COUNTY CASSADY  
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2430 33rd Street, Orlando FL 32839

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DRAWN BY: TJG  
CHECKED BY: JJW  
DATE: 07/19/19  
SCALE: AS NOTED  
PLOT SCALE: 1=1

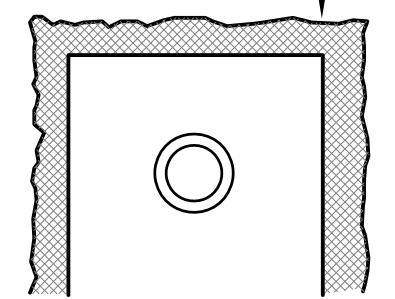
**B09**  
SHEET NO.:  
13 OF 14 SHEET(S)

FOR CONSTRUCTION/PERMITTING



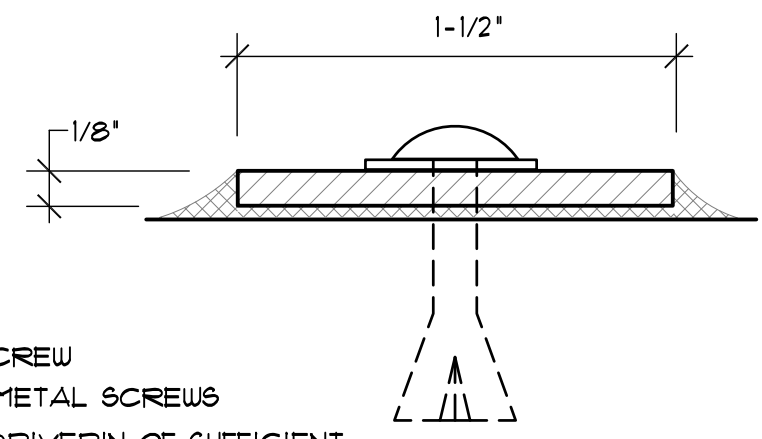
NOTES:  
MIN. OF 2 FASTENERS PER  
PIECE OF BAR.

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

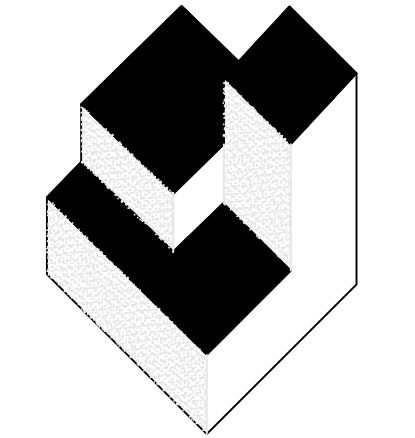


**ANCHORS:**  
WOOD: 3/4" No.10 WOOD SCREW  
METAL: 1/2" No. 10 S.S. SH.T. METAL SCREWS  
CONC. BLK. & CONC.: 1/4" DRIVEPIN OF SUFFICIENT  
LENGTH TO IMBED 1" MIN.  
BRICK: 3/16" x 2-1/4" TAPCONS WITH METAL BACKED  
NEOPRENE WASHERS.

**B10.1 TYPICAL TERMINATION BAR DETAIL**  
SCALE: 3" = 1'-0"

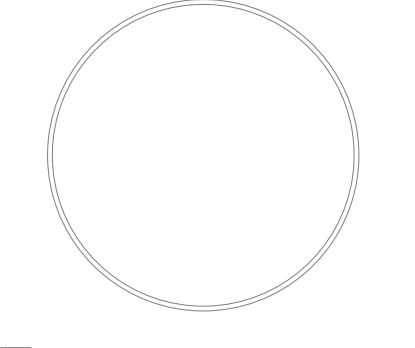
**DETAIL NOTES**

2. EXISTING WALL
3. EXIST. TAPERED RIGID INSUL. OVER METAL DECK.
4. EXIST. PARAPET WALL
6. EXISTING MEMBRANE TO REMAIN
10. EXISTING ROOFTOP CURB TO REMAIN UNCHANGED.
13. EXISTING GYPSUM SHEATHING
15. BASE SHEET
17. NON-TAPERED RIGID INSULATION PER SPECIFICATIONS.
18. TAPERED RIGID INSULATION PER SPECIFICATIONS.
20. GYPSUM ROOF COVERBOARD PER SPECIFICATIONS.
21. CONT. ALUM. TERMINATION BAR - SEE DETAIL (B10.1)
22. TWO-PIECE COUNTERFLASHING & REGLET MTD. RECEIVER - SEE DETAIL (B06.1) SECURE RECEIVER W/ LEAD WEDGES @ 12" O.C.
23. SEALANT - CONTINUOUS TOOLED BEAD (UN.O.)
24. CONTINUOUS DOUBLE-SIDED BUTYL FLASHING TAPE.
32. CONTINUOUS CLEAT - SEE DETAIL AS NOTED.
40. EXISTING VENT STACK - INSTALL EXTENSION AS REQ'D.
41. 2 x P.T. WOOD BLOCKING (AS REQUIRED) TO BE FASTENED AT 12" O.C. (MAX.) STAGGERED - COUNTERSINK HEADS. TRIM BLOCKING TO MATCH SLOPE AS REQ'D.
43. ROUND THIS CORNER TO PROTECT ROOF MEMBRANE.
44. NEW ROOF DRAIN - ADJUST ELEV. ABOVE DECK IN FIELD
45. EXISTING STRUCTURE TO REMAIN UNCHANGED (UN.O.)
48. 3/4" SLOPED SUMP FROM PATCHING CONCRETE - 2' FROM CENTERLINE EACH WAY.
51. SELF-ADHESIVE MODIFIED BITUMEN 'DRY-IN' MEMBRANE.
61. METAL EDGE FLASHING - SEE DETAIL (B04.1)
70. SINGLE-PLY FLASHING
71. SINGLE-PLY MEMBRANE
80. EXIST. METAL ROOF PANEL TO REMAIN
90. PROVIDE NEW SUPPLEMENTAL SUPPORT FRAMING AT EXISTING ROOF DRAINS PER DETAIL (B03.3) AS REQUIRED.
101. PREMANUFACTURED CURB W/ NAILER & INSULATION - ANCHOR TO DECK OR - SEE DETAIL (B01.3)
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
133. EXISTING WOOD BLOCKING OR TRIM TO REMAIN, REPLACE IN 'LIKE-KIND' WHERE DAMAGED OR DETERIORATED
- A. EXISTING SKIRT METAL TO REMAIN, RE-SECURE AS REQUIRED.
- B. HEAT WELD
- C. NEW 22 GA MIN. STEEL ROOF DECK - MATCH EXISTING TYPE & PROFILE IF NESTING DECKS - SEAL ALL OPENINGS
- D. 1/2" x 18" TAPERED RIGID PERLITE EDGE STRIP.
- E. FULLY ADHERE W/ MFR'S APPROVE ADHESIVE
- F. FLEXIBLE EXPANSION JOINT BELLOW
- G. SAW CUT WALL 1/4" DEEP AT JOINT AS REQUIRED
- H. FASTEN ST. STL. SCREWS W/ NEOPRENE BACKED WASHERS
- J. 1/2" x 18" x 1/2" ST. STL. SCREW W/ NEOPRENE BACKED METAL SEALING WASHERS @ 8" O.C.
- K. 1/2" HEMMED EDGE W/ CONT. SEALANT
- L. TWO-PIECE COUNTERFLASHING & PAN FLASHING RECEIVER - SEE DETAIL (B06.3) FIELD VERIFY ANGLE.
- M. SURFACE APPLIED COUNTERFLASHING - SEE DETAIL (B06.2)



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**REVISIONS**

NO.	DATE	BY: