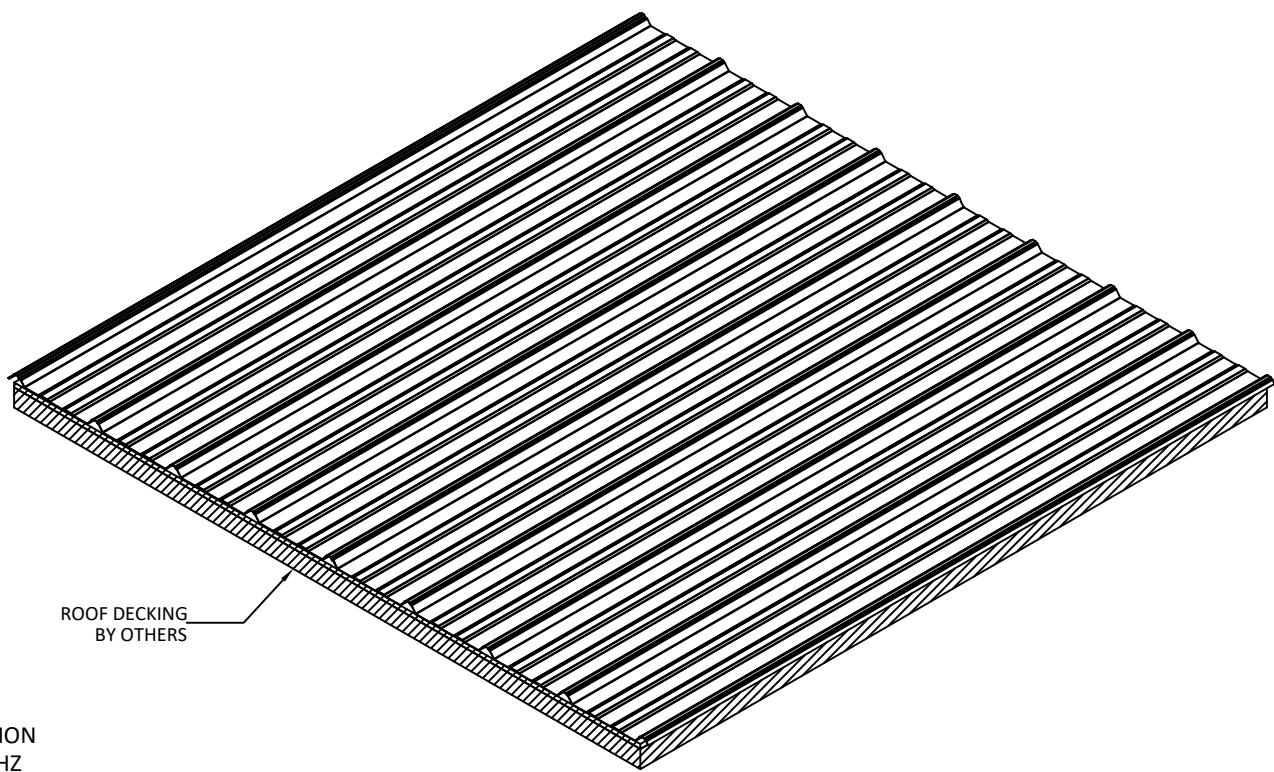


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Agri-Metal Supply, Inc.

26 Ga. R Panel Metal Roofing System



INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- FOR INSTALLATION INTO WOOD OPEN FRAMING, 1X WOOD BATTEN, OR SHINGLES WITHOUT 1X BATTEN USE #9-15 HWH WOOD SCREWS W/ 1/2" O.D. WASHERS OF SUFFICIENT LENGTH TO ACHIEVE 1/4 INCH MINIMUM PENETRATION BEYOND WOOD SUBSTRATE.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - ASTM E1592-05(17)
 - FM 4471-92, SEC. 5.4
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, DECKING, AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 2X PURLINS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
- PANEL MATERIAL: 26 GA. ASTM A792 STEEL W/ AZ55 GALVALUME COATED FINISH, 112.2 KSI MIN. YIELD.

ELEVATION
ISOMETRIC VIEW

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	INSTALLATION & GENERAL NOTES
2	ELEVATION & ANCHOR LAYOUT
3	CROSS SECTIONS
4	INSTALLATION DETAILS
5	SECTION DETAILS

AGRI-METAL
SUPPLY, INC.

AGRI-METAL SUPPLY, INC.
232 SE INDUSTRIAL PARK CIRCLE BOX C
MAYO, FL 32006
PH: 386.294.1720 FX: 386.294.1724

TITLE:
26 Ga. R PANEL METAL ROOFING
SYSTEM
INSTALLATION & GENERAL NOTES

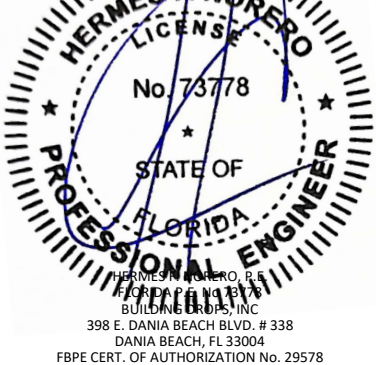
PREPARED BY:

BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.10.19 17:23:03 -0400



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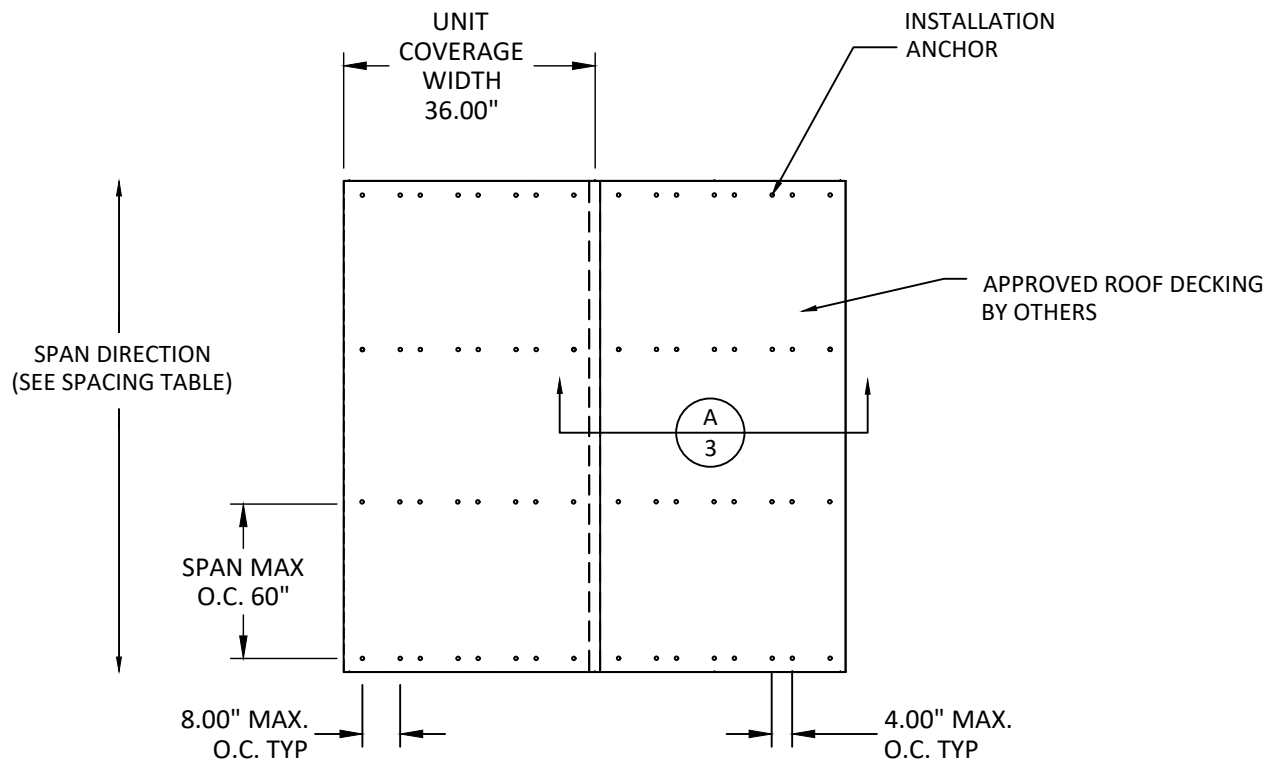
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SCALE: **NTS**

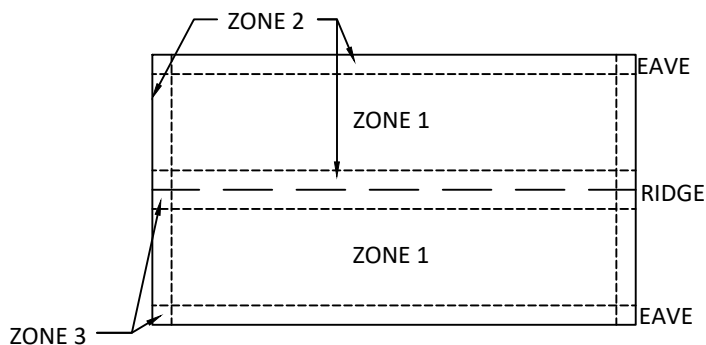
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ELEVATION & ANCHOR LAYOUT



ROOF PLAN & WIND ZONES

Agri-Metal Supply, Inc. Roofing Panels

TABLE BELOW APPLIES TO THE FOLLOWING SITE CONDITIONS

- BUILDINGS HAVING A ROOF MEAN HEIGHT < 20 FT.; ROOF SLOPE FROM 0 TO 45 DEGREES. WIND SPEEDS UP TO 110 MPH, EXPOSURE TYPE: C, RISK CATEGORY II, SPAN MAX. O.C. SPACING 60".
- BUILDINGS HAVING A ROOF MEAN HEIGHT < 30 FT.; ROOF SLOPE FROM 0 TO 45 DEGREES. WIND SPEEDS UP TO 180 MPH, EXPOSURE TYPE: C, RISK CATEGORY II, SPAN MAX. O.C. SPACING 30".

- NOTE:
- BUILDING AND ROOF CONDITIONS BASED ON THE CURRENT EDITION OF THE FLORIDA BUILDING CODE, ASCE 7-22, MIN. EFFECTIVE AREA > 10 SQ. FT.
 - TABLE BELOW APPLIES TO BUILDING AND ROOF CONDITIONS SUCH THAT MAX. DESIGN UPLIFT PRESSURE IS NOT EXCEEDED.
 - WIND UPLIFT HAS PRESSURE HAS BEEN MULTIPLIED BY 0.6 FOR ASD ANALYSIS METHOD, PER CHAPTER 16 OF THE CURRENT FBC.

			ULTIMATE WIND SPEED ZONE				
			110 MPH	130 MPH	140 MPH	160 MPH	180 MPH
ROOF ZONE	FASTENER	ATTACHING TO:	O.C. SPACING	O.C. SPACING	O.C. SPACING	O.C. SPACING	O.C. SPACING
ZONE 1	WOOD: #9-15 X 1-1/2"	1X4 WOOD BATTEN	60"	30"	24"	18"	16"
		WOOD OPEN	60"	30"	24"	18"	16"
ZONE 2		1X4 WOOD BATTEN	60"	30"	24"	18"	16"
		WOOD OPEN	60"	30"	24"	18"	16"
ZONE 3		1X4 WOOD BATTEN	60"	30"	24"	18"	16"
		WOOD OPEN	60"	30"	24"	18"	16"

- PANEL DESCRIPTION: AGRI-METAL 26 GA. R PANEL, 1-1/4" TALL RIB, 36" WIDTH
- PANEL FASTENER: WOOD: #9-15 X 1-1/2" HWH W/ 1/2" O.D. WASHER
- A MAXIMUM 3" OVERHANG IS REQUIRED TO PROVIDE A DRIP EDGE. IF GUTTER IS USED ONLY 1" REQUIRED USING INNER CLOSURE TO SEAL OPEN PANEL RIB.
- PANEL ROLLFORMER: ASC MACHINE TOOLS, INC.
- MAXIMUM ANCHOR SPACING SHALL NOT EXCEED 60" O.C.
- THE DESIGN PROFESSIONAL SHALL DETERMINE SITE CONDITIONS AND SELECT APPROPRIATE FASTENER ATTACHMENT BASED ON TABLE ABOVE OR SUCH THAT MAXIMUM DESIGN UPLIFT PRESSURES ARE NOT EXCEEDED.
- MAX DESIGN UPLIFT PRESSURES BASED ON ANCHOR SPACING:
 - 60" O.C. SPACING UPLIFT DP = 51.9 PSF
 - 30" O.C. SPACING UPLIFT DP = 89.6 PSF
 - 24" O.C. SPACING UPLIFT DP = 112 PSF
 - 18" O.C. SPACING UPLIFT DP = 149.3 PSF
 - 16" O.C. SPACING UPLIFT DP = 168 PSF

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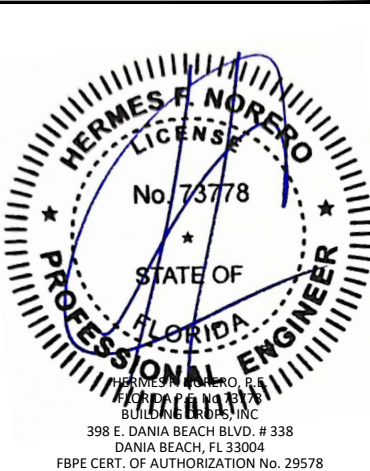
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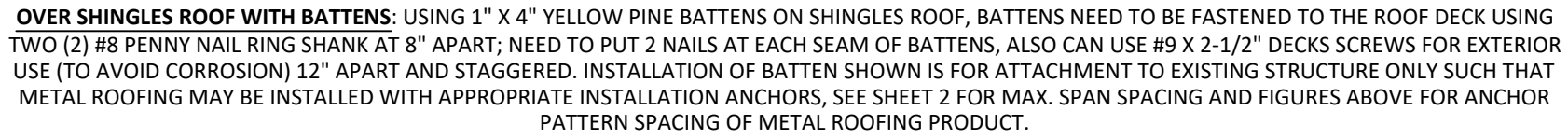
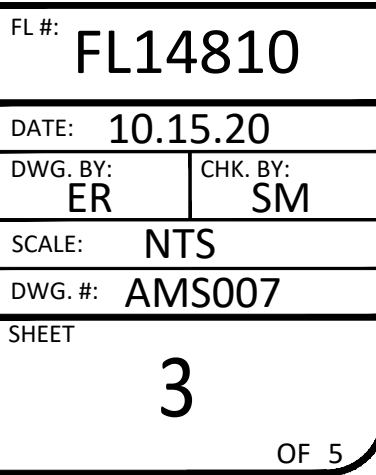


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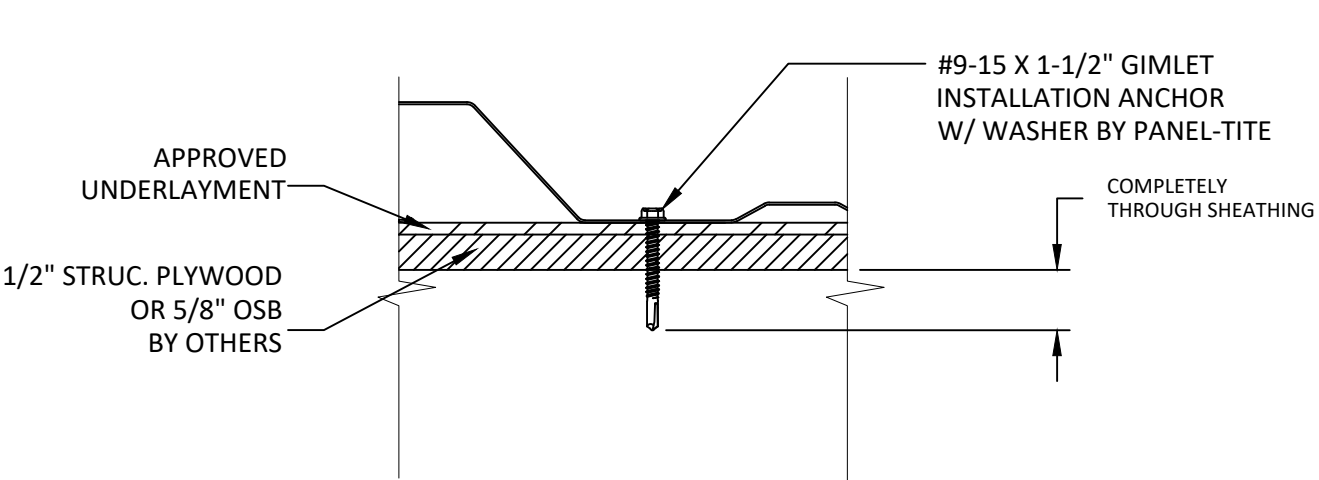
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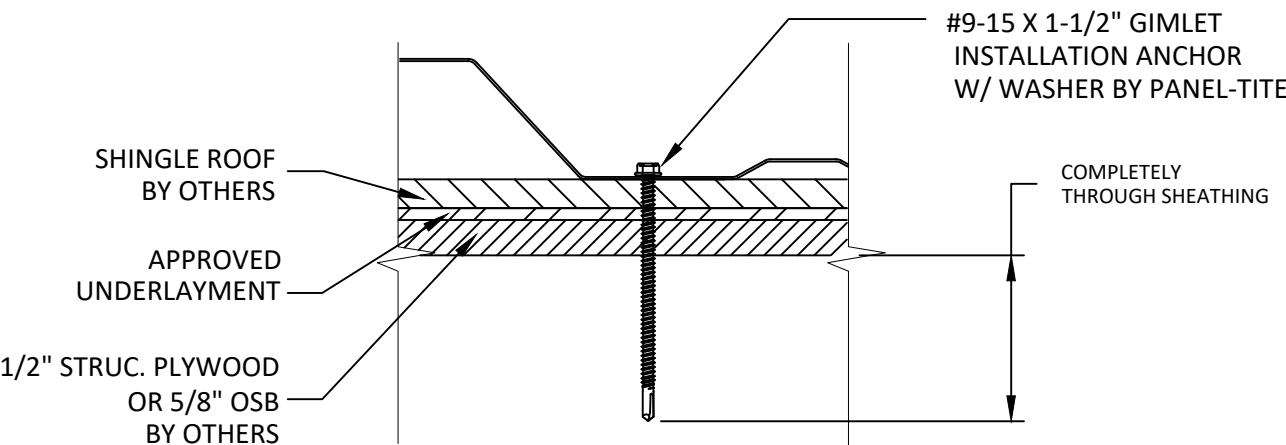
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C
4

HORIZONTAL SECTION

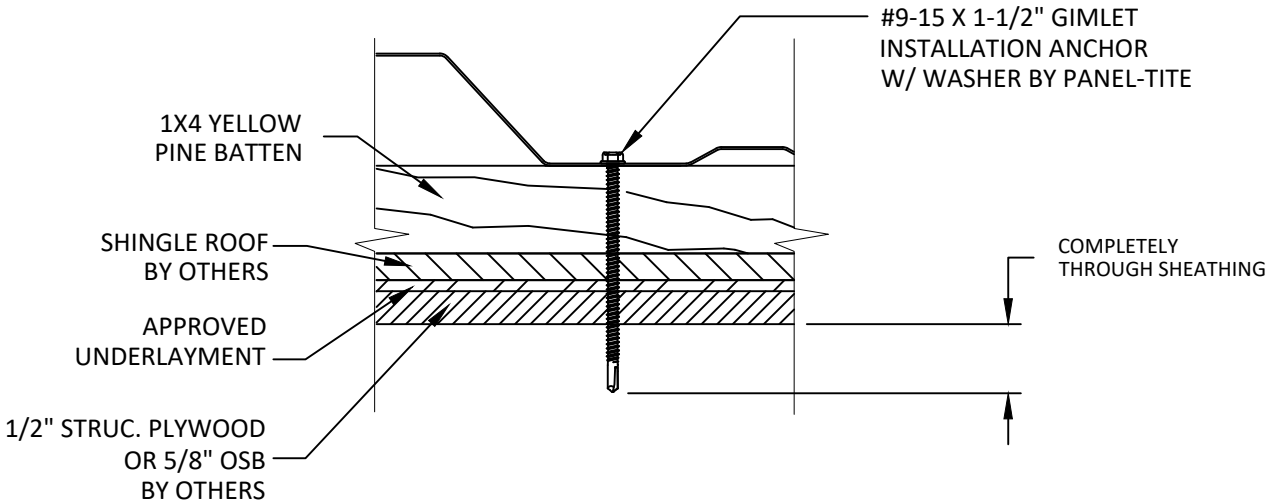
OPEN FRAMING



E
4

HORIZONTAL SECTION

SHINGLE ROOF



D
4

HORIZONTAL SECTION

1X WOOD BUCK ON SHINGLE ROOF

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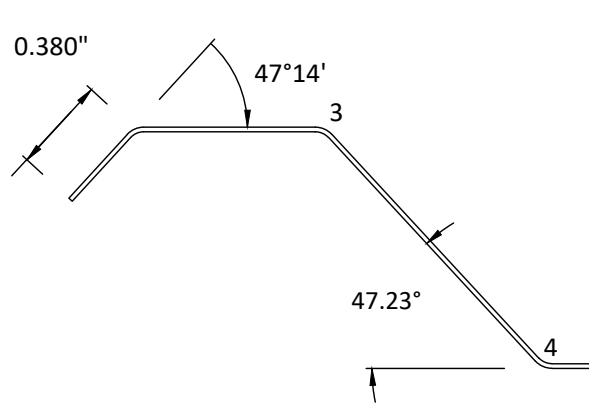
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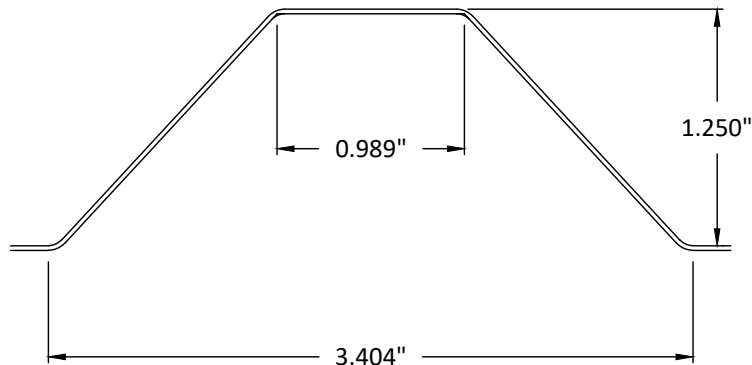
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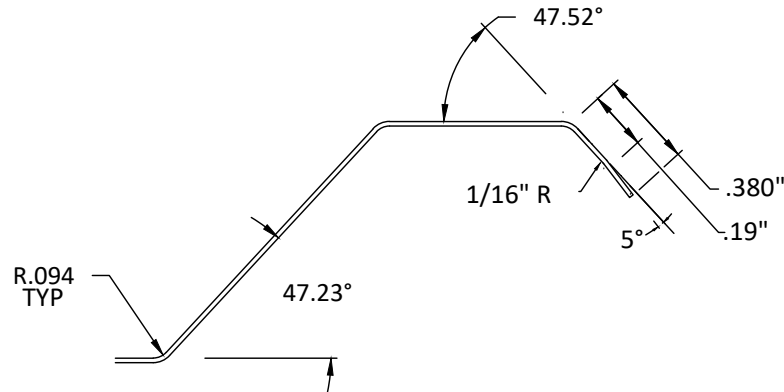
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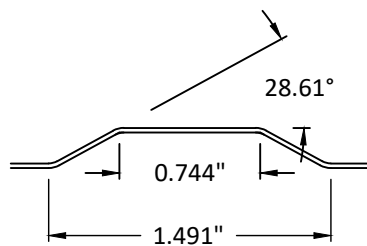
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TYPICAL



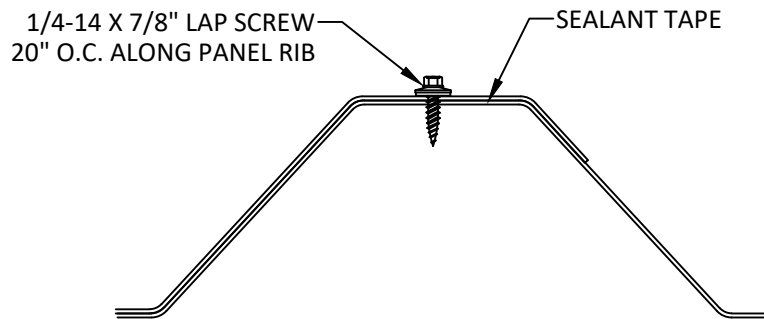
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5 **INTERIOR MAJOR RIB**
TYPICAL



I
5 **OVERLAP DETAIL**
TYPICAL



J
5 **TYPICAL MINOR BEAD**
TYPICAL



K
5 **LAP DETAIL 1**
STANDARD INSTALLATION

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