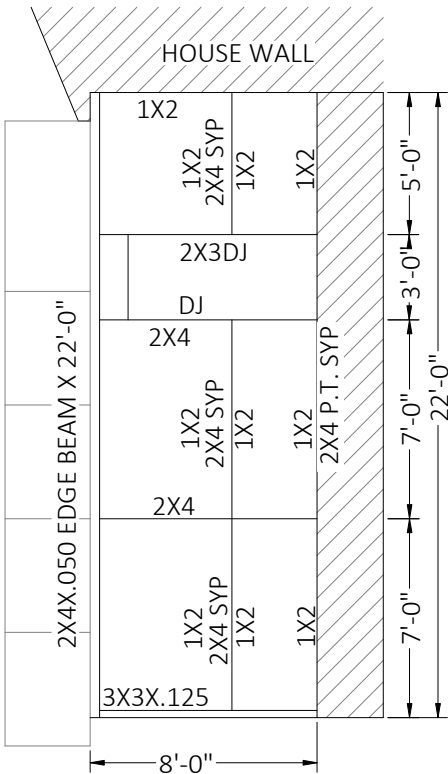
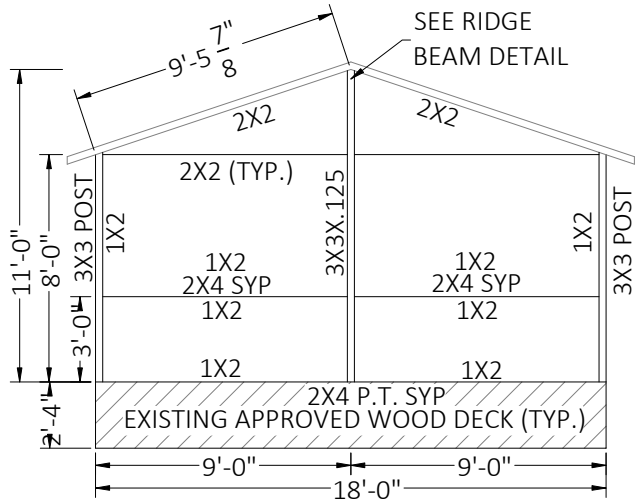
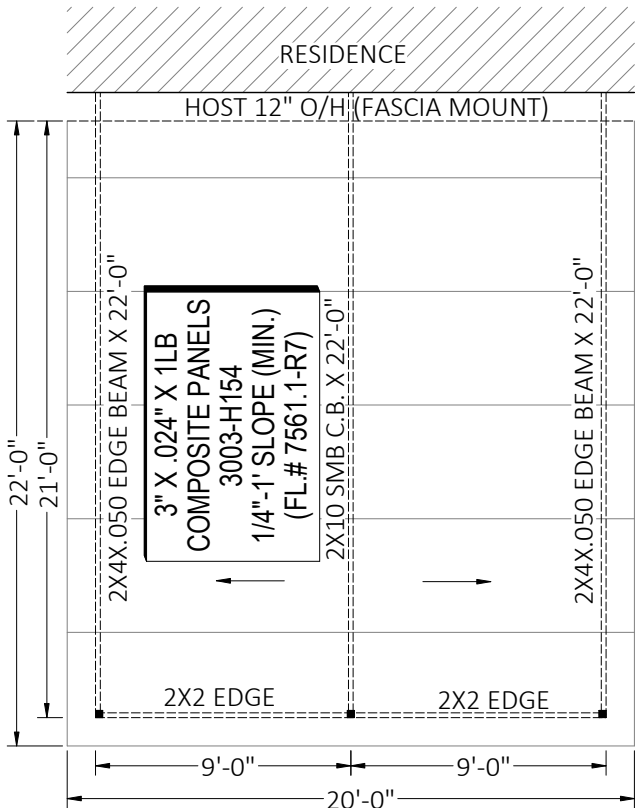
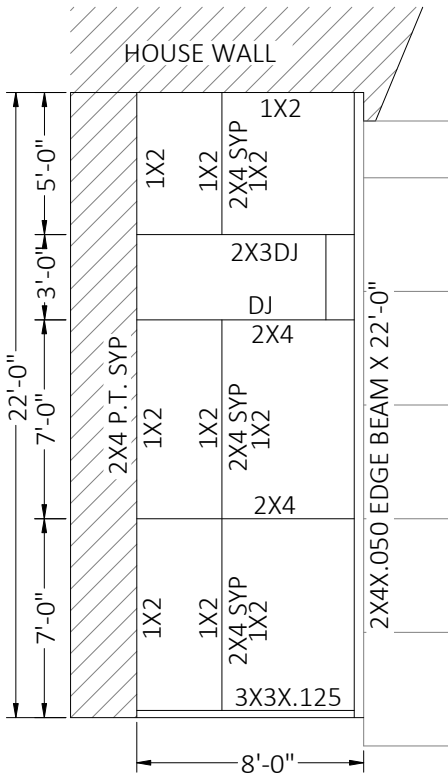


PROPOSED GABLE SCREEN ROOM & FLAT SCREEN ROOF
PLAN/ ELEVATIONS SCALE: NTS



HATCH/ SYMBOL LEGEND

HATCH	INDICATES
	EXIST. STRUCTURE

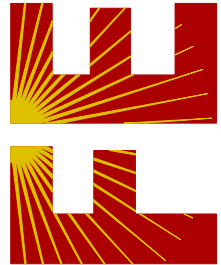
NOTE: ALL MAY NOT APPLY

■ = 3X3X.125

FLORIDA ENGINEERING LLC HAS NOT PERFORMED ANY ON SITE INSPECTIONS AT THIS LOCATION

THESE PLANS WERE PREPARED BASED ON THE PREMISE THAT THE EXISTING STRUCTURE WAS DESIGNED BY A PROPERLY LICENSED PROFESSIONAL ENGINEER OF THE STATE OF FLORIDA, WAS PERMITTED BY THE APPROPRIATE PERMITTING AGENCY, WAS CONSTRUCTED BY A FLORIDA LICENSED CONTRACTOR AT THE TIME OF CONSTRUCTION, HAS NOT BEEN SUBJECT TO DAMAGE BY A MAJOR EVENT, AND HAS BEEN CERTIFIED BY THE CONTRACTOR THAT THE EXISTING STRUCTURE CURRENTLY SHOWS NO DEVIATIONS OR DEFECTS FROM THE STATE OF THE STRUCTURE AS PERMITTED BY THE FINAL INSPECTION OF THE PERMITTING AGENCY. ALSO, THE OWNER AND ALL PARTIES CONCERNED WILL INDEMNIFY FLORIDA ENGINEERING LLC FROM ANY DAMAGE OR CHANGES TO THE EXISTING STRUCTURE AS A RESULT OF ANY MODIFICATION OR FOR ANY OTHER REASON.

This item has been digitally signed and sealed by Richard E. Walker, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



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(941) 391-5980
FLEng.com
Orders@FLEng.com

CA CERT. #30782

PROJECT NO. 2516355

CONTRACTOR:
AMERICAN METALS LLC

PROJECT ADDRESS:
DEVITA
11757 N US HIGHWAY 441
LAKE CITY FLORIDA, 32055

DESIGN DATE: 07/08/2025

REVISION 1: DATE

REVISION 2: DATE

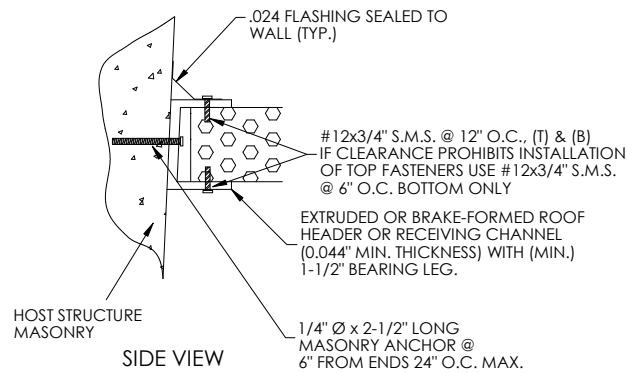
DRAWN BY: MBG

SCALE: NTS

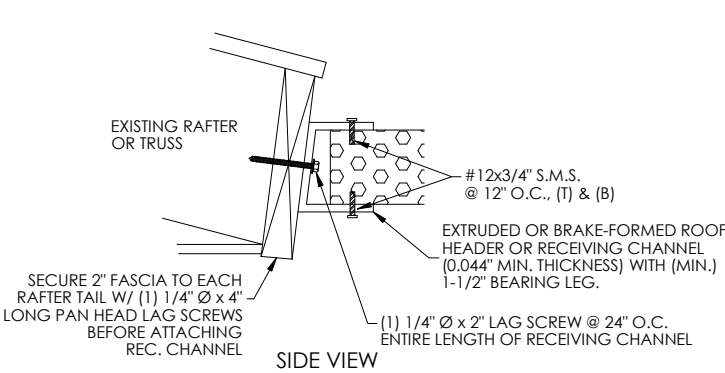
SHEET:

02

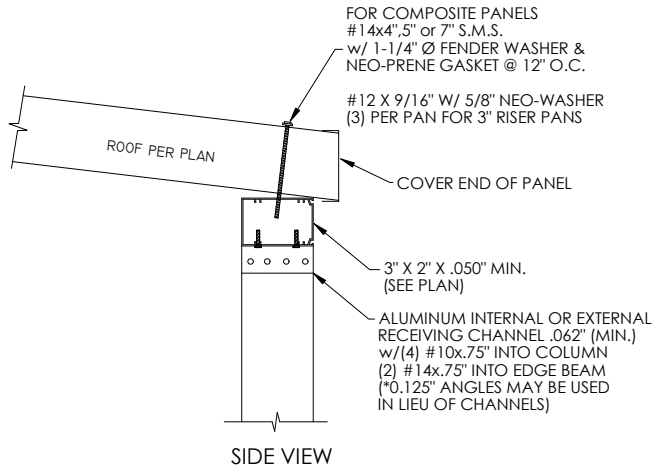
CONTRACTOR TO PROVIDE DIELECTRIC SEPERATION WHERE ALUMINUM COMES IN DIRECT CONTACT WITH STEEL OR PRESSURE TREATED LUMBER TO PREVENT ELECTROLYSIS.



ROOF PANEL ATTACHMENT - MASONRY
SCALE: NTS

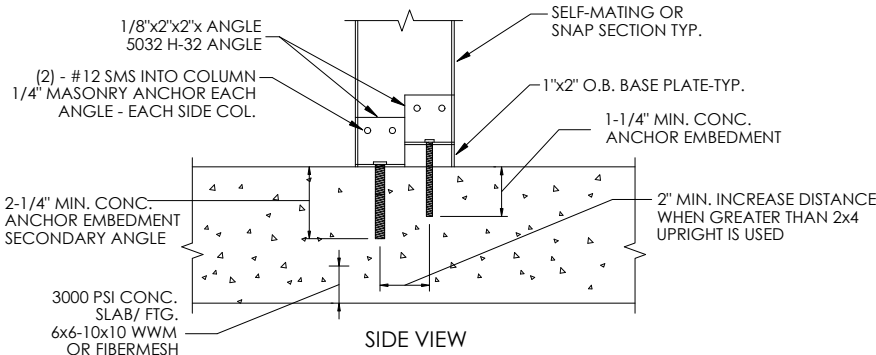


ROOF PANEL ATTACHMENT - WOOD FRAME
SCALE: NTS

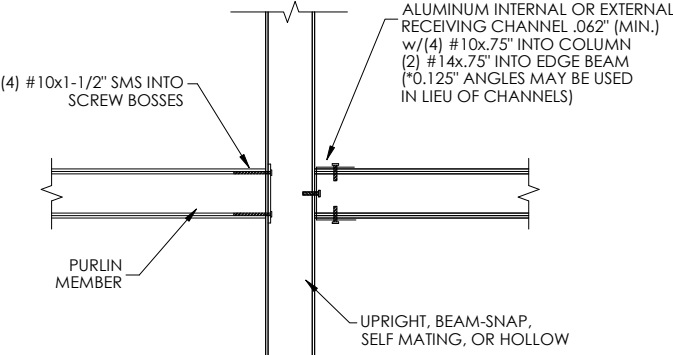


ROOF PANEL TO CARRIER BEAM
CONNECTION SCALE: N.T.S.

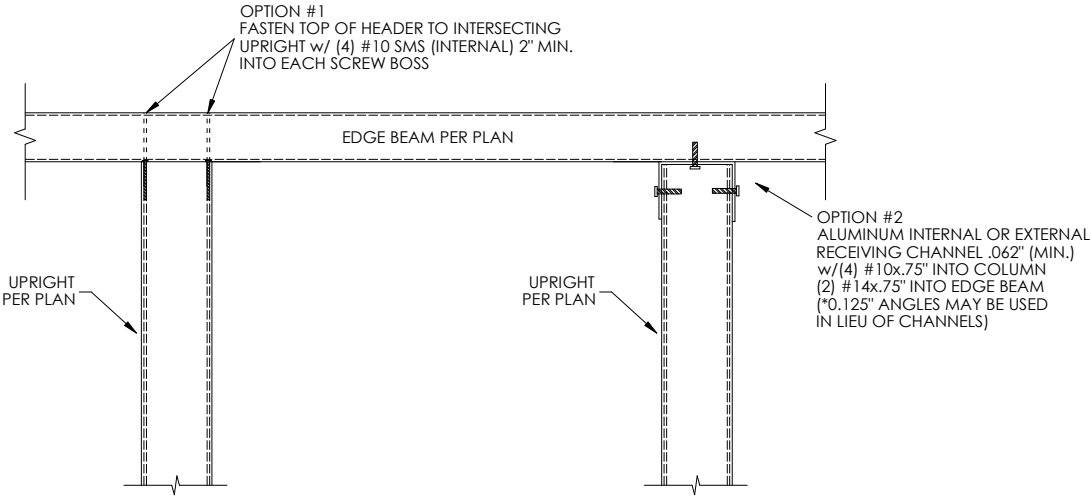
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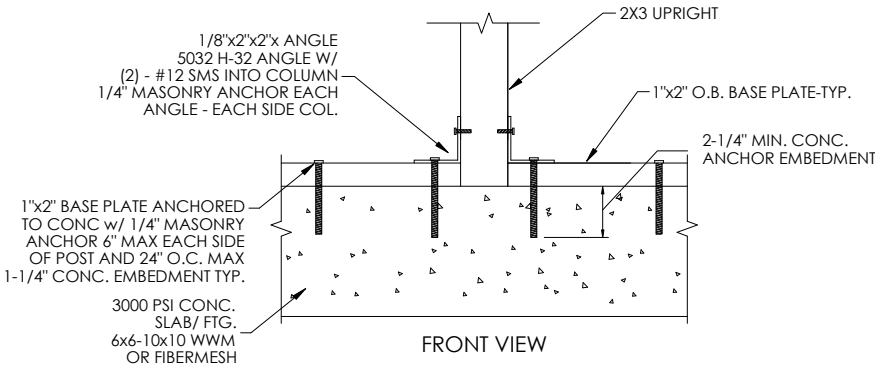
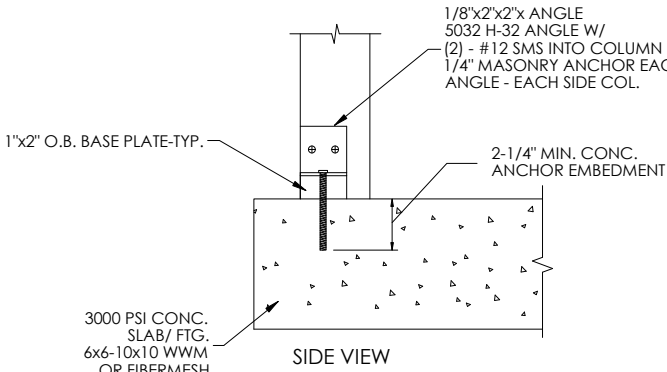
DETAIL "B" - 2"x4" OR LARGER SELF MATING UPRIGHT TO DECK DETAILS
SCALE: NTS



DETAIL "C" - GIRT OR PURLIN TO BEAM OR POST DETAIL
SCALE: NTS

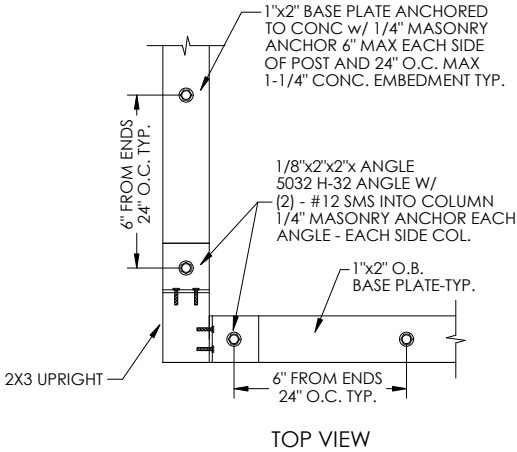


TYPICAL SCREEN ROOM EDGE BEAM TO UPRIGHT
CONNECTION DETAIL SCALE: N.T.S.

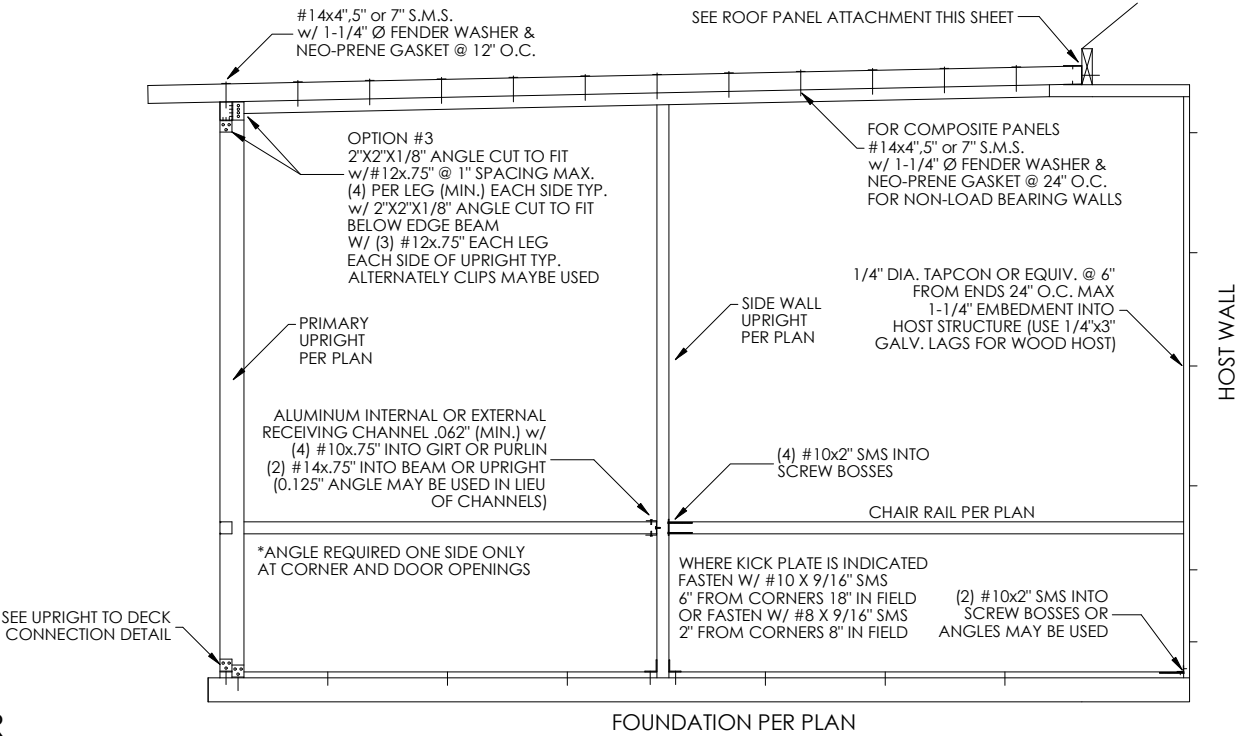


DETAIL "B" - 2"x3" UPRIGHT TO DECK CONNECTION DETAILS
SCALE: NTS

NOTE:
FOR WOOD APPLICATIONS USE IDENTICAL WOOD SCREW OR HOT DIPPED GALV. LAG IN LIEU OF CONCRETE ANCHORS, SAME SIZE AND FASTNERS PATTERN APPLIES.

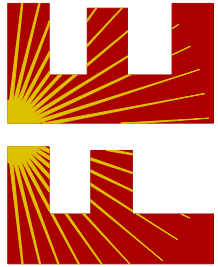


DETAIL "B-II" - 2"x3" UPRIGHT @ CORNER CONNECTION DETAILS
SCALE: NTS



SCREEN ROOM END WALL DETAIL SCALE: N.T.S.

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Orders@FLEng.com

PROJECT NO. 2516355

CA CERT. #30782

CONTRACTOR:
AMERICAN METALS LLC

PROJECT ADDRESS:
DEVITA
11757 N US HIGHWAY 441
LAKE CITY FLORIDA, 32055

DESIGN DATE: 07/08/2025

REVISION 1: DATE

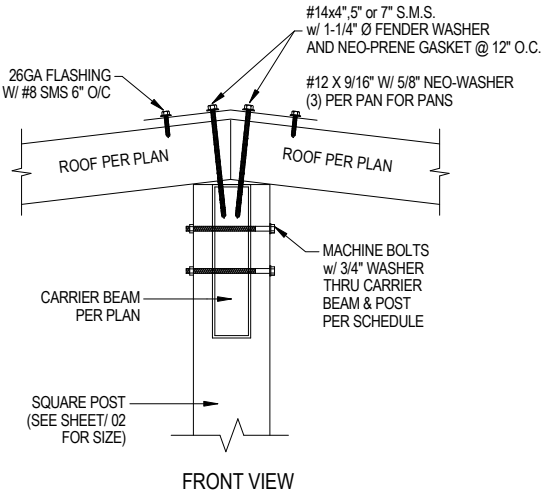
REVISION 2: DATE

DRAWN BY: MBG

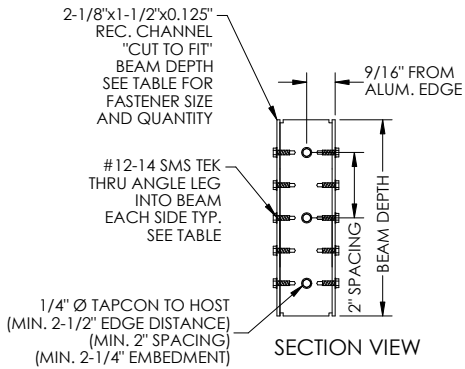
SCALE: NTS

SHEET:

03



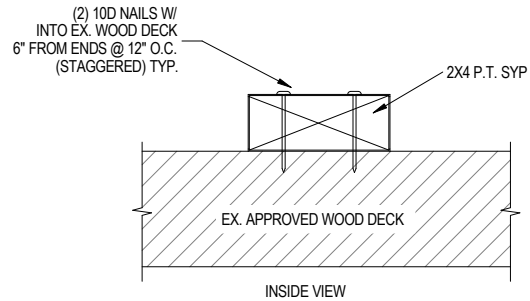
ROOF PANEL TO RIDGE BEAM CONNECTION
SCALE: NTS



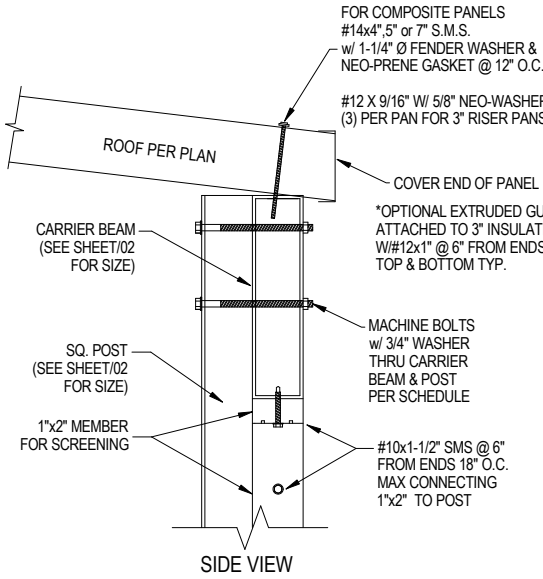
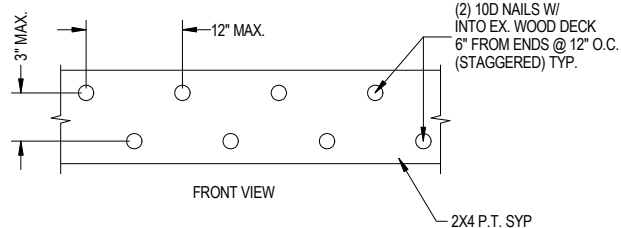
SELF-MATING BEAM TO WALL CONNECTION
SCALE: NTS

NOTE:
FOR WOOD APPLICATION USE:
1/4" DIA. X 3" LAGS IN LIEU
OF 1/4" x 3" TAPCON

BEAM TO HOST w/ 1/8" REC. TABLE		
BEAM SIZE	QUANTITY SMS TO BEAM EACH SIDE	QUANTITY 1/4" ANCHOR (INTERNAL)
2X4	(4) #12	(2) 1/4"
2X5	(5) #12	(2) 1/4"
2X6	(5) #12	(3) 1/4"
2X7	(6) #14	(3) 1/4"
2X8	(7) #14	(4) 1/4"
2X9	(8) #14	(4) 1/4"
2X10	(9) #14	(5) 1/4"



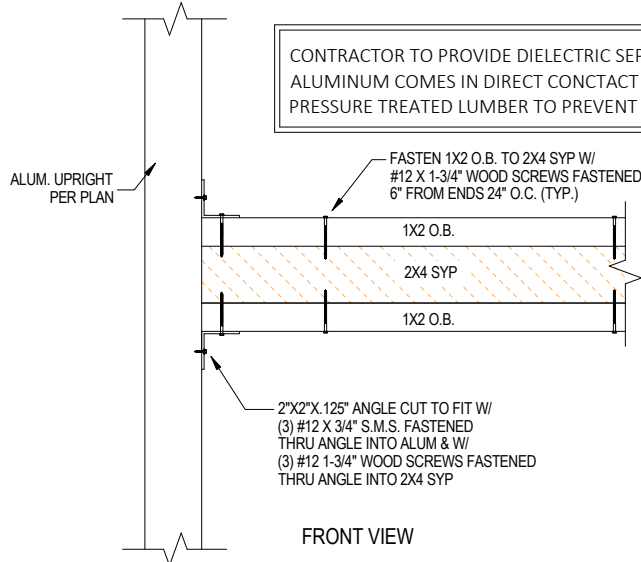
2X4 P.T. SYP TO WOOD DECK DETAIL
DETAIL SCALE: N.T.S.



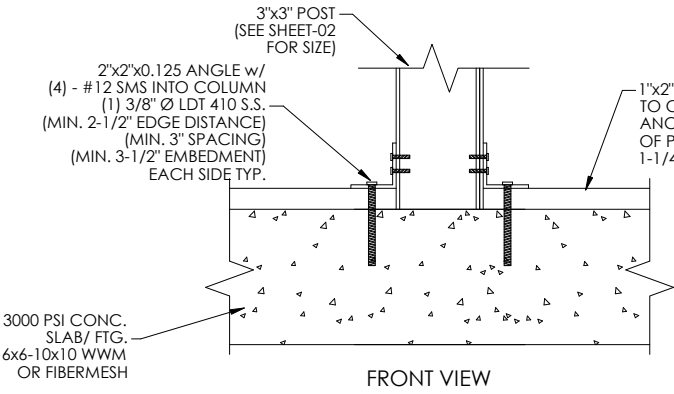
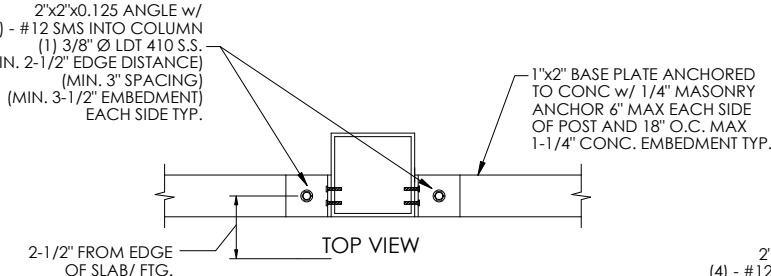
POST TO CARRIER BEAM CONNECTION
SCALE: NTS

CARRIER BEAM SIZE	MACHINE BOLT QTY./ DIAMETER
2X6	(2) 3/8" Ø
2X7	(3) 3/8" Ø
2X8	(3) 3/8" Ø
2X9	(4) 3/8" Ø
2X10	(4) 3/8" Ø

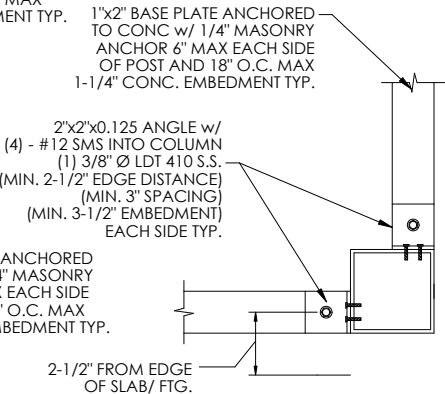
BEAM TO POST NOTES:
MAINTAIN 1" SEPARATION
BETWEEN MACHINE BOLTS.
MAINTAIN 1" MIN. BOLT
SEPARATION FROM
EDGE OF BEAM/ POST



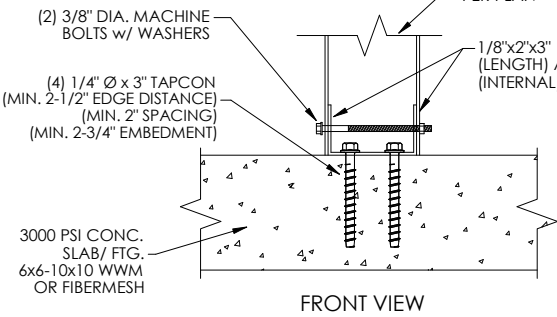
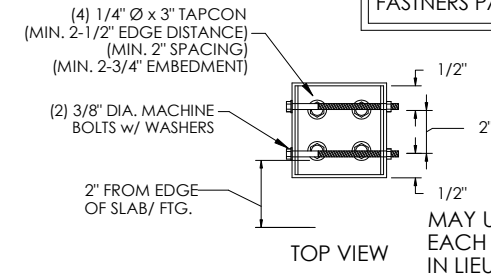
2X4 SYP RAIL TO ALUMINUM POST
DETAIL SCALE: N.T.S.



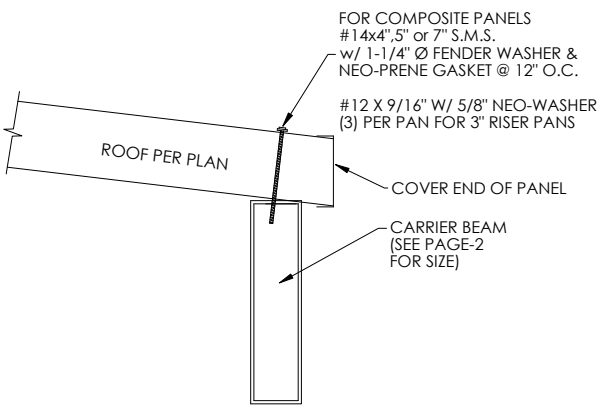
3X3 POST CONNECTION DETAIL
SCALE: NTS



3X3 CORNER POST CONNECTION DETAIL
SCALE: NTS



3"x3" POST CONNECTION DETAIL
(INTERNAL BASE) SCALE: NTS



ROOF PANEL TO CARRIER BEAM
CONNECTION SCALE: NTS

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PORT CHARLOTTE, FLORIDA 33952
(941) 391-5980
FLEng.com



CA CERT. #30782

Orders@FLEng.com

PROJECT NO. 2516355

CONTRACTOR:
AMERICAN METALS LLC

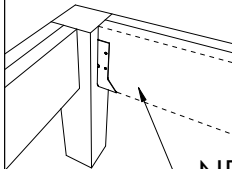
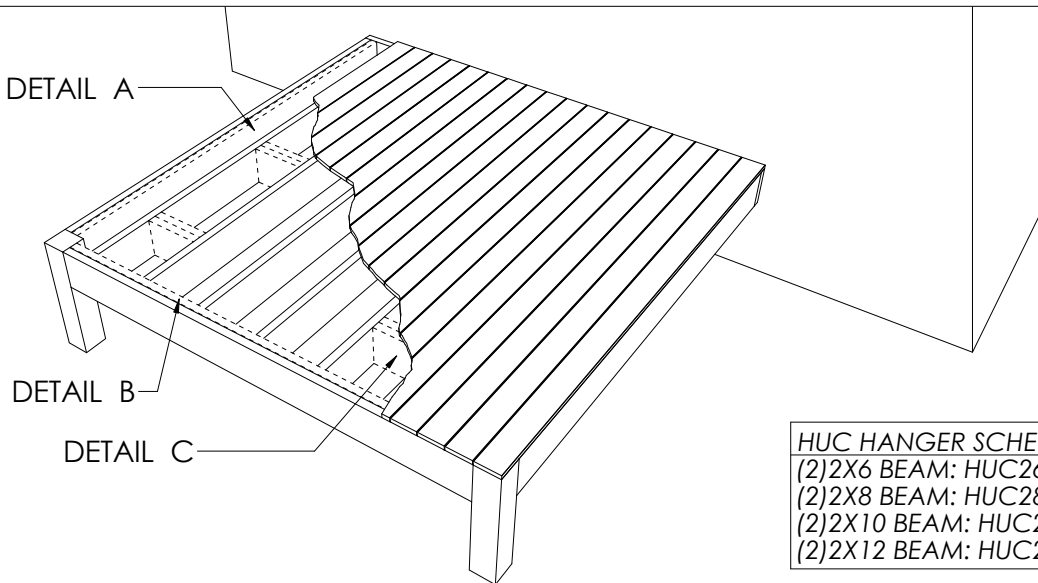
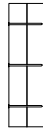
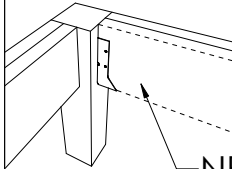
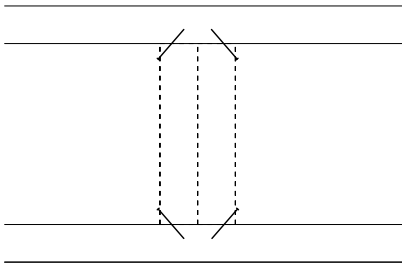
PROJECT ADDRESS:
DEVITA
11757 N US HIGHWAY 441
LAKE CITY FLORIDA, 32055

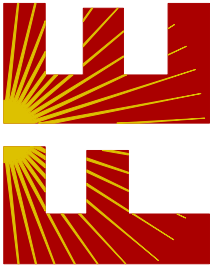
DESIGN DATE:	07/08/2025
REVISION 1:	DATE
REVISION 2:	DATE
DRAWN BY:	MBG
SCALE:	NTS

SHEET:
04

NOTES:
1. WHERE PAVERS ARE PRESENT ANCHOR LENGTH SHALL BE INCREASED BY THICKNESS OF PAVER NOT TO EXCEED 2-1/2" FOR PAVER THICKNESS MORE THAN 2-1/2" SITE SPECIFIC SPECIFICATIONS SHALL BE REQUIRED. PAVERS SHALL BE BONDED TO UNDERLYING CONCRETE FOUNDATION W/ 2000 PSI GORUT.

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DETAIL A MODIFY EXISTING RIMBOARD TO A (2) RIMBOARD						
	ATTACH NEW RIMBOARD TO EXISTING WITH: • MINIMUM (2) ROWS OF 12d NAILS AT 12" O.C. FOR MEMBERS LESS THAN 14" DEEP • MINIMUM (3) ROWS OF 12d NAILS AT 12" O.C. FOR MEMBERS GREATER THAN 14" DEEP					
	NEW RIMBOARD CONNECTION TO EXISTING WOOD MEMBER: • PER HUC HANGER SCHEDULE NEW RIMBOARD					
						
<table><tr><td>HUC HANGER SCHEDULE</td></tr><tr><td>(2)2X6 BEAM: HUC26</td></tr><tr><td>(2)2X8 BEAM: HUC28</td></tr><tr><td>(2)2X10 BEAM: HUC210</td></tr><tr><td>(2)2X12 BEAM: HUC212</td></tr></table>		HUC HANGER SCHEDULE	(2)2X6 BEAM: HUC26	(2)2X8 BEAM: HUC28	(2)2X10 BEAM: HUC210	(2)2X12 BEAM: HUC212
HUC HANGER SCHEDULE						
(2)2X6 BEAM: HUC26						
(2)2X8 BEAM: HUC28						
(2)2X10 BEAM: HUC210						
(2)2X12 BEAM: HUC212						
DETAIL B MODIFY EXISTING BEAM TO A (2) BEAM						
	ATTACH NEW BEAM TO EXISTING WITH: • MINIMUM (2) ROWS OF 12d NAILS AT 12" O.C. FOR MEMBERS LESS THAN 14" DEEP • MINIMUM (3) ROWS OF 12d NAILS AT 12" O.C. FOR MEMBERS GREATER THAN 14" DEEP					
	NEW BEAM CONNECTION TO EXISTING WOOD MEMBER: • PER HUC HANGER SCHEDULE NEW BEAM					
DETAIL C NEW BLOCKING						
ATTACH NEW BLOCKING TO EXISTING JOISTS WITH: • TOENAIL BLOCKING TO JOIST WITH (3) 10d NAILS E.A. END 						
828 LB. OF UPLIFT CAPACITY PER BLOCKING, (2) BLOCKING MIN.						

	
FLORIDA ENGINEERING LLC 4161 TAMiami TRAIL, UNIT 101 PORT CHARLOTTE, FLORIDA 33952 (941) 391-5980 FLEng.com Orders@FLEng.com	
PROJECT NO. 2516355	
CONTRACTOR: AMERICAN METALS LLC	PROJECT ADDRESS: DEVITA 11757 N US HIGHWAY 441 LAKE CITY FLORIDA, 32055
DESIGN DATE: 07/08/2025	
REVISION 1: DATE	
REVISION 2: DATE	SHEET:
DRAWN BY: MBG	05
SCALE: NTS	

CA CERT. #30782