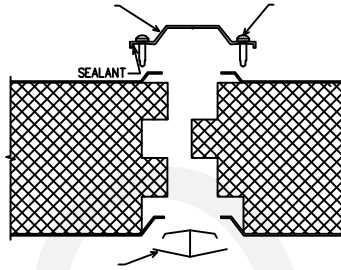


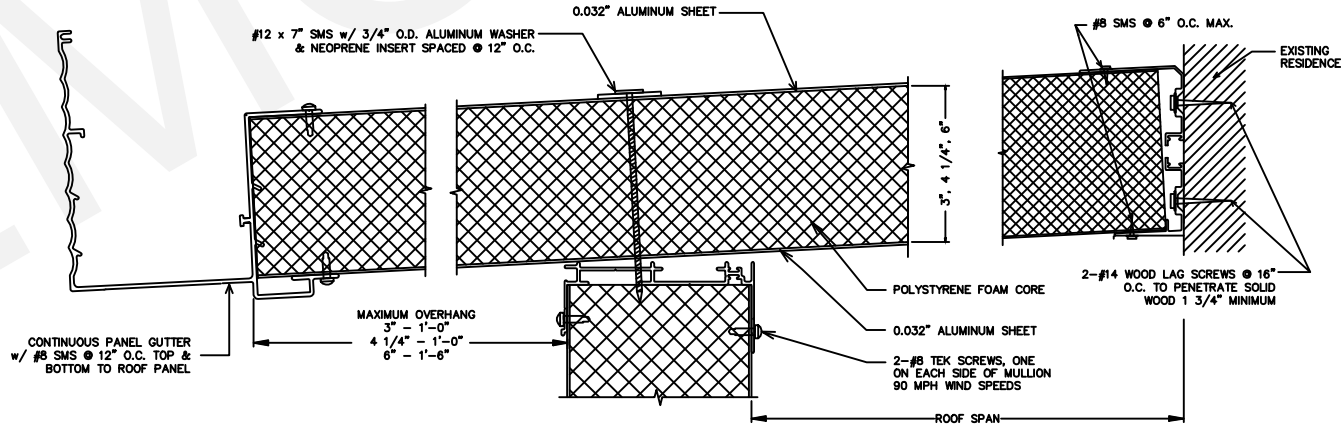
3" ROOF PANEL			
ALLOWABLE LOAD (PSF)	MAXIMUM ALLOWABLE SPAN (FT)		
	L/80	L/120	L/180
10	22'-6"	19'-6"	17'-0"
20	17'-9"	15'-6"	13'-6"
30	15'-6"	13'-6"	11'-9"
40	13'-6"	12'-3"	10'-9"
50	12'-0"	11'-6"	10'-0"
60	11'-0"	10'-9"	9'-3"

4 1/4" ROOF PANEL			
ALLOWABLE LOAD (PSF)	MAXIMUM ALLOWABLE SPAN (FT)		
	L/80	L/120	L/180
10	24'-0"	24'-0"	21'-6"
20	20'-9"	19'-6"	17'-0"
30	17'-0"	17'-0"	15'-0"
40	14'-9"	14'-9"	13'-6"
50	13'-3"	13'-3"	12'-6"
60	12'-0"	12'-0"	11'-9"

6" ROOF PANEL			
ALLOWABLE LOAD (PSF)	MAXIMUM ALLOWABLE SPAN (FT)		
	L/80	L/120	L/180
10	24'-0"	24'-0"	24'-0"
20	24'-0"	24'-0"	21'-6"
30	21'-0"	21'-0"	18'-9"
40	18'-3"	18'-3"	17'-0"
50	16'-3"	16'-3"	15'-9"
60	15'-0"	15'-0"	15'-0"



ROOF PANEL SPLICE



ROOF PANEL / WALL CONNECTION

ROOF PANEL / WALL ATTACHMENT

GENERAL NOTES & SPECIFICATIONS

1. TEMO, INC. ROOF PANELS ARE FACTORY-ASSEMBLED LAMINATED SANDWICH PANELS WITH ALUMINUM FACING 0.032 IN. SHEET 3105-H25 ON BOTH SIDES WITH A POLYSTYRENE FOAM PLASTIC CORE IN BETWEEN 2 LB/FT³ USING ADHESIVE ASHLAND 30300
2. TEMO, INC. PANELS HAVE BEEN DESIGNED ACCORDING TO THE 2020 FLORIDA BUILDING CODE
3. A FLORIDA REGISTERED ENGINEER SHALL DETERMINE ALLOWABLE SPANS FROM THE LOADS AND DEFLECTION LIMITS BASED ON SITE SPECIFIC CONDITIONS
4. REFERENCE TEST REPORTS CONDUCTED BY ARCHITECTURAL TESTING, REPORT NUMBERS 89505.01-119-16 AND 59531.01-602-18
5. LINEAR INTERPOLATION IS ALLOWED TO DETERMINE SPAN WITHIN TABLE SHOWN
6. ALL COMPONENTS SHALL BE PROTECTED AGAINST CORROSION
7. A FACTOR OF SAFETY OF 2.0 IS APPLIED TO ALL CALCULATIONS TO FIGURE ALLOWABLE SPAN
8. LOAD TABLE AND DEFLECTION LIMITS ARE BASED ON RATIONAL ANALYSIS OF ROOF PANEL [PERFORMANCE CONDUCTED BY LUAY ESHO, P.E.]
9. DEFLECTION LIMITS AND ALLOWABLE SPANS HAVE BEEN LISTED TO MEET 2023 FBC, 8th EDITION, INCLUDING THE HVAC REQUIREMENT - SEC. 1616

TEMO, INC. MAINTAINS THE REPORTS LISTED ACROSS THE TOP OF THESE PAGES. PLEASE REFER TO THE NOTES ON PAGE 41002 FOR ANY ADDITIONAL INFORMATION CONCERNING THESE REPORTS.

WHERE REQUIRED THESE PLANS HAVE BEEN SIGNED AND SEALED BY A PROFESSIONAL ENGINEER. ONLY AN ORIGINAL SIGNATURE WITH A RED WET STAMP OR AN EMBOSSED SEAL INDICATE THE VALIDITY OF THAT SIGNATURE.

TEMO, Inc.
20400 HALL ROAD - CLINTON TOWNSHIP - MICHIGAN 48038
586-286-0410 800-344-8386

3" 4", 6" ROOF PANEL SPECIFICATIONS

DATE: APR 01, 2024
LUAY ESHO P.E.
20400 HALL RD
CLINTON TWP, MI 48038
PH: (800) 344-8386
PROFESSIONAL ENGINEER
FL LIC. #00530
DRAWN BY:
CUSTOMER:
FILE NAME: HVAC
SHT. NO.: TEMO1-1
1 OF 1



This item has been electronically signed and sealed by Luay S. Esho P.E. using a Digital Signature and date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Luay S Esho

2024.04.01

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