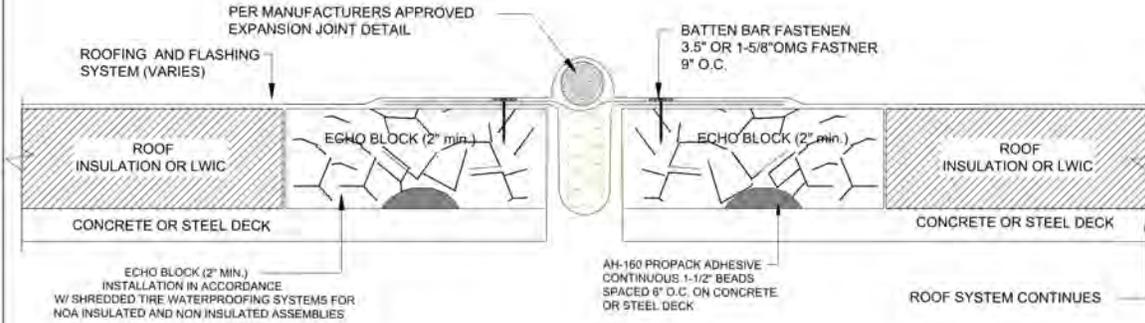
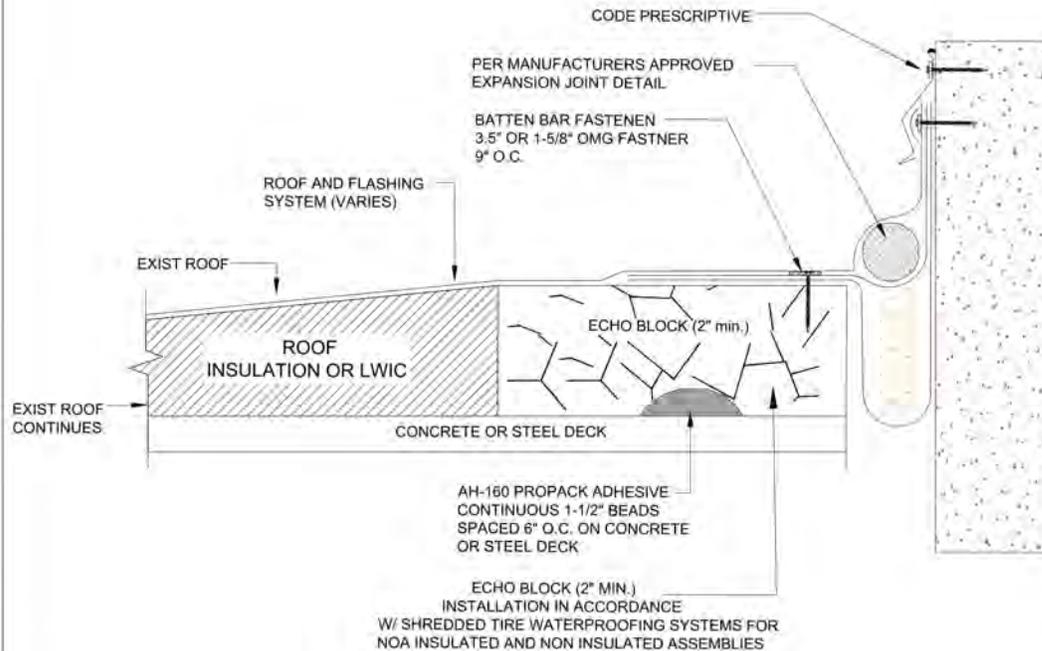


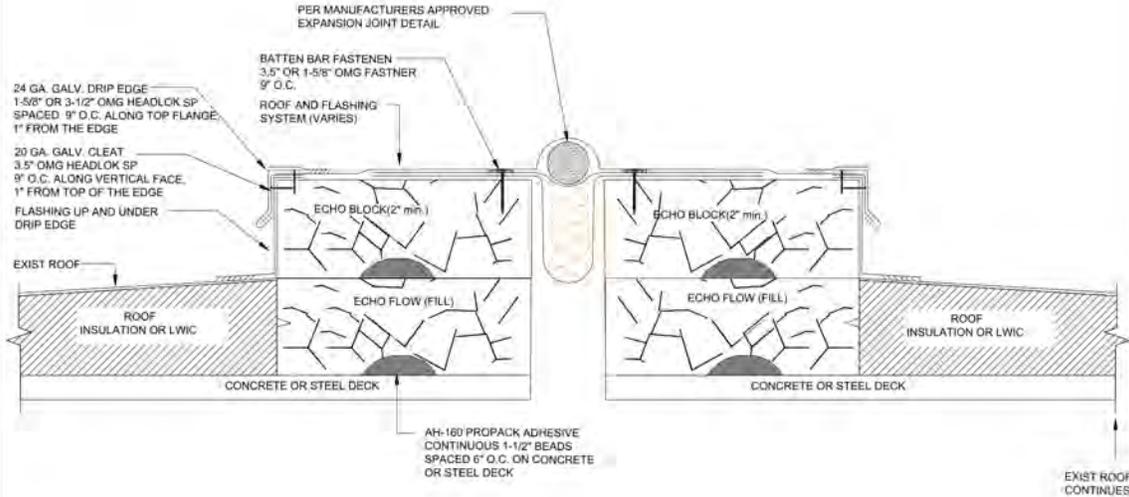
ECHO BLOCK NAILER 6" WIDE x 24" (2" to 10" HIGH) OR ECHO BLOCK 24"x24" PER WATERPROOFING NOA
ROOF - TO - ROOF FLUSH EXPANSION JOINT



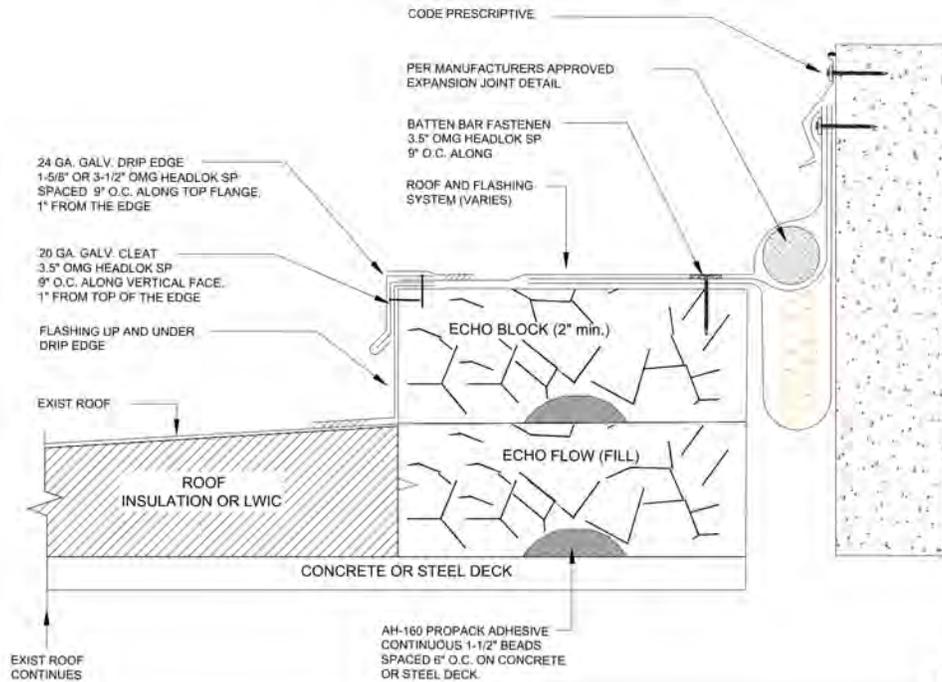
ECHO BLOCK NAILER 6" WIDE x 24" (2" to 10" HIGH) OR ECHO BLOCK 24"x24" PER WATERPROOFING NOA
ROOF - TO - WALL FLUSH EXPANSION JOINT



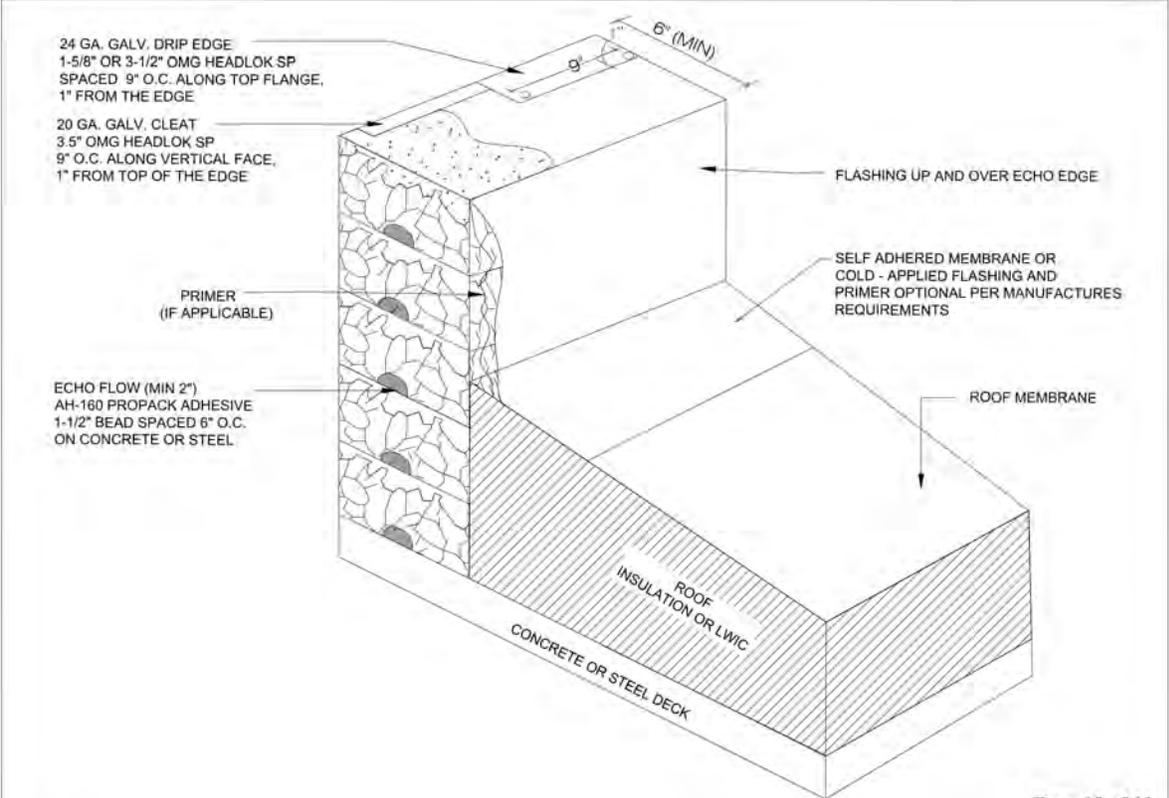
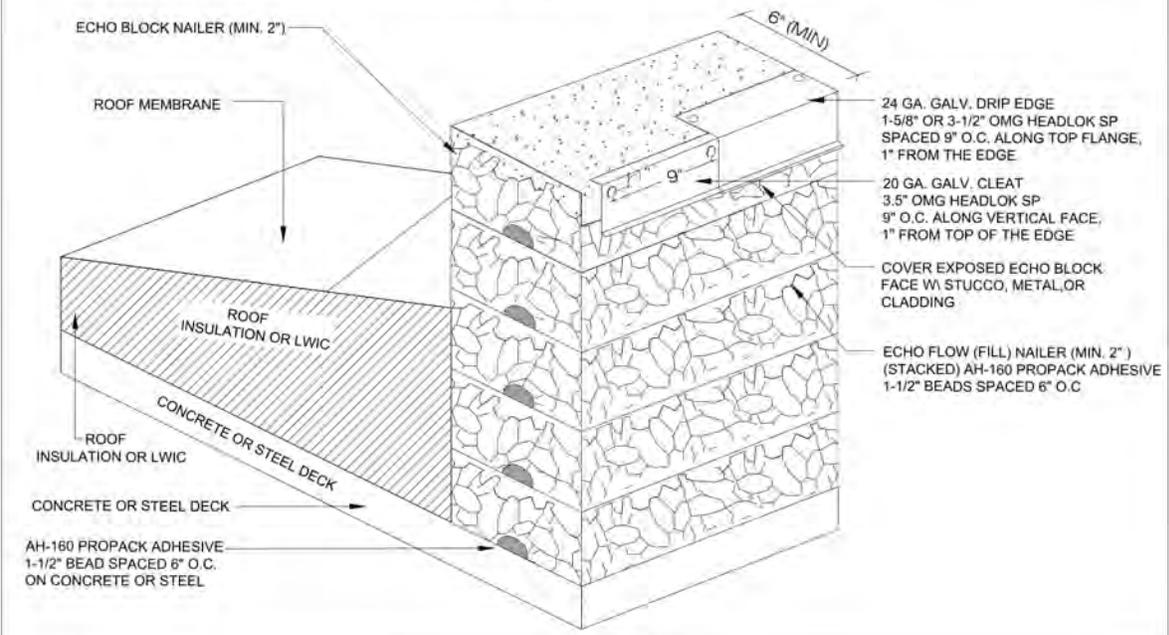
**ECHO BLOCK NAILER 6" WIDE X 24" LONG (2" - 10" HIGH)
ROOF - TO - ROOF CURB EXPANSION JOINT**



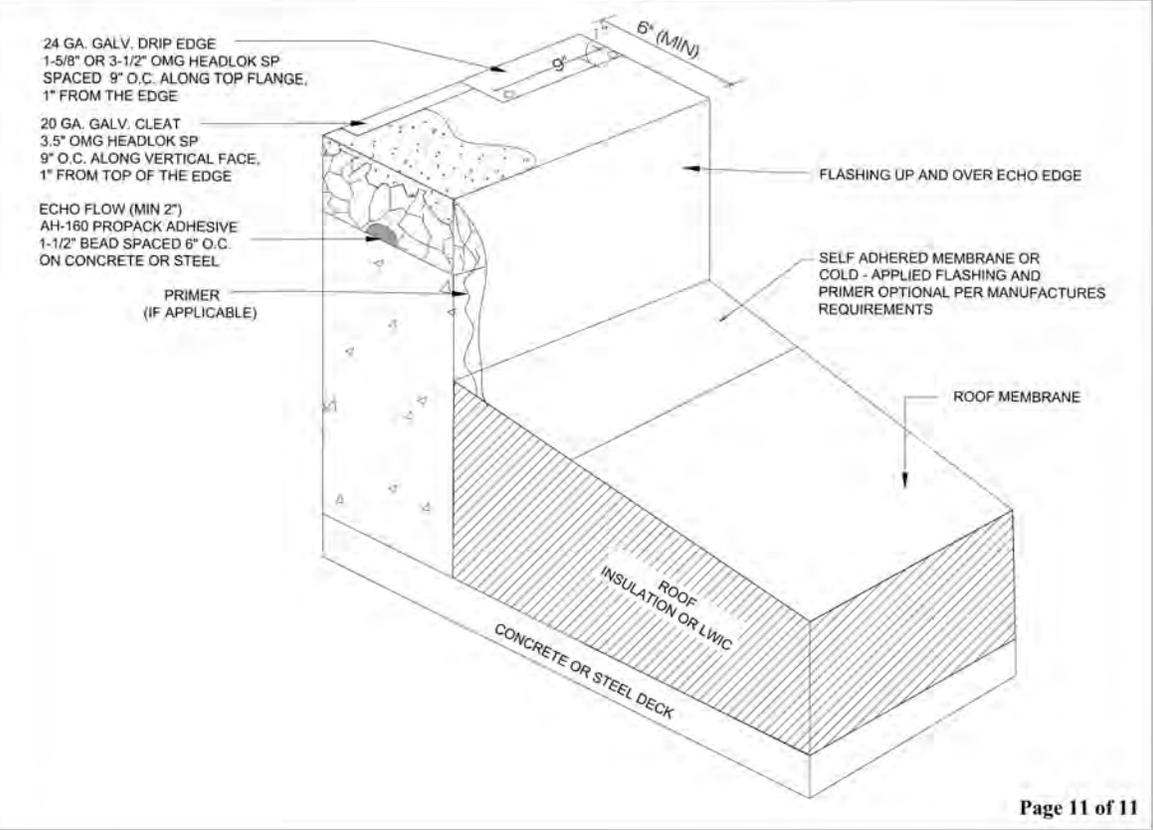
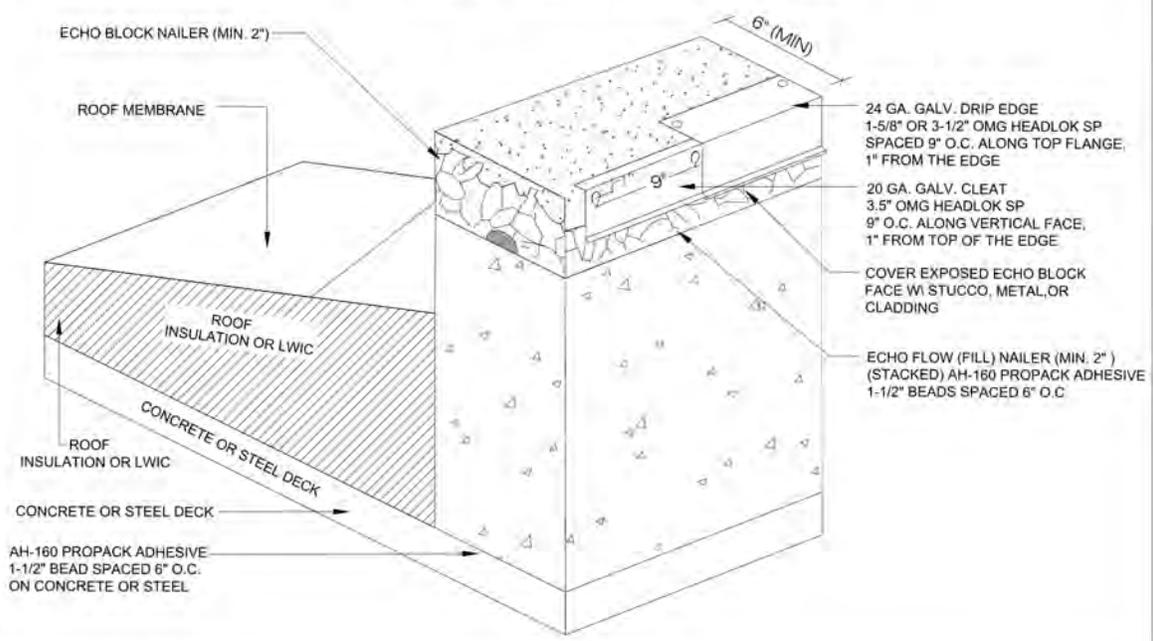
**ECHO BLOCK NAILER 6" WIDE X 24" LONG (2" - 10" HIGH)
CURB TO WALL CURB EXPANSION JOINT**



ECHO BLOCK NAILER 6" WIDE X 24" (2" to 10" HIGH)



ECHO BLOCK NAILER 6" WIDE X 24" (2" to 10" HIGH)



LIMITATIONS:

1. All products listed herein shall be installed in accordance with the requirements set forth in RAS 111.
2. Dimensions shall be as outlined in Detail Drawings herein.
3. Fasteners shall be #14 x 1⁵/₈ or 3¹/₂" length Headlock SP Fastener by OMG.
4. No exposed fasteners shall be permitted.
5. All fasteners shall be of compatible materials.
6. The maximum design pressures listed herein are applicable to all areas of the roof. Neither Extrapolation or Rational analysis shall be permitted
7. Fasteners shall provide a minimum pull out resistance of 285 lbf (109 kg) into the substrate being fastened into. When tested in accordance with TAS 105.
8. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.
9. All approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.



END OF THIS ACCEPTANCE

GREEN SUSTAINABLE ATTRIBUTES

SCOPE: This document is solely for the purpose of the listing of Sustainable Attributes of construction materials. The supporting documentation has been submitted by the NOA holder to Miami-Dade County Product Control.

SOLAR REFLECTANCE AND THERMAL EMMITANCE

<u>Component Name</u>	<u>Initial Reflectance</u>	<u>Aged Reflectance</u>	<u>Initial Emittance</u>	<u>Aged Emittance</u>	<u>Solar Reflectance Index (SRI)</u>
N/A					
N/A					

ROOF SYSTEM THERMAL RESISTANCE

<u>R-Value</u>	<u>Insulation / Thickness</u>	<u>Products:</u>
4.266	3.25 inches	Echo Flow
2.388	3.89 inches	Echo Block

LOW VOC COMPONENTS

<u>Component Name</u>	<u>Content</u>	<u>Emission</u>
ICP Adhesive Polyset AH-160	4 g/L	
Echo Block	No VOC per MSDS	
Echo Flow	No VOC per MSDS	

RECYCLED CONTENT / BIO-BASED MATERIAL / RAPIDLY RENEWABLE MATERIAL

<u>Component Name</u>	<u>% Recycled Content when Manufactured</u>	<u>% Able to be Recycled at Disposal</u>	<u>% of Bio-based Material</u>	<u>% of Rapidly Renewable Material</u>
Echo Block	87	100		
Echo Flow	93	100		

SYSTEM LIFE CYCLE

<u>Years</u>	<u>Assemblies:</u>
40	Echo Block Nailer assembly and Echo Block per Shredded Tire waterproofing system NOA

REGIONALLY MANUFACTURED COMPONENTS

<u>Component Name</u>	<u>Manufacturing Location</u>
Echo Block	Shredded Tire Inc., 6742 NW 17 th Aver., Fort Lauderdale, FL
Echo Flow	Shredded Tire Inc., 6742 NW 17 th Aver., Fort Lauderdale, FL

U-FACTOR (THERMAL TRANSMITTANCE) BTU/HR-FT²-°F

<u>Component Name</u>	<u>U-Value</u>	<u>Component Name</u>	<u>U-Value</u>
Echo Block	.420		
Echo Flow	.234		

C-FACTOR (THERMAL CONDUCTANCE) BTU/HR-FT²-°F

<u>Component Name</u>	<u>U-Value</u>	<u>Component Name</u>	<u>U-Value</u>
Echo Block	1.634		
Echo Flow	.809		