

RFP 2023-07

FLORIDA KEYS MOSQUITO CONTROL DISTRICT

HANGAR ROOF

Questions & Answers

The skylight curbs will need to be raised to a minimum of 8” above the new roof membrane in order to be in compliance with the roofing manufacturer’s warranty. Do you want to raise them or remove the skylights and roof over?

There is no intent to remove the Skylights.

To achieve a full blanket 20-year Manufacturer’s warranty, Acme proposes filling in the gutters and adding roof drains with crickets. Overflow thru-wall supports may be necessary as well. I have attached a detailed drawing to give you an idea of our proposed solution.

Provide proposed change to roof drain system in bid proposal. Manufacture warranty conditions can be addressed in the proposal.

Are there any available plans, shop drawings or any dimensional specs? We are looking for the size and gauge of the purlins along with the structural framing behind the wall panels.

We do not have any plans, shop drawings or any dimensional specs. Original roof plans should be available through county records office.

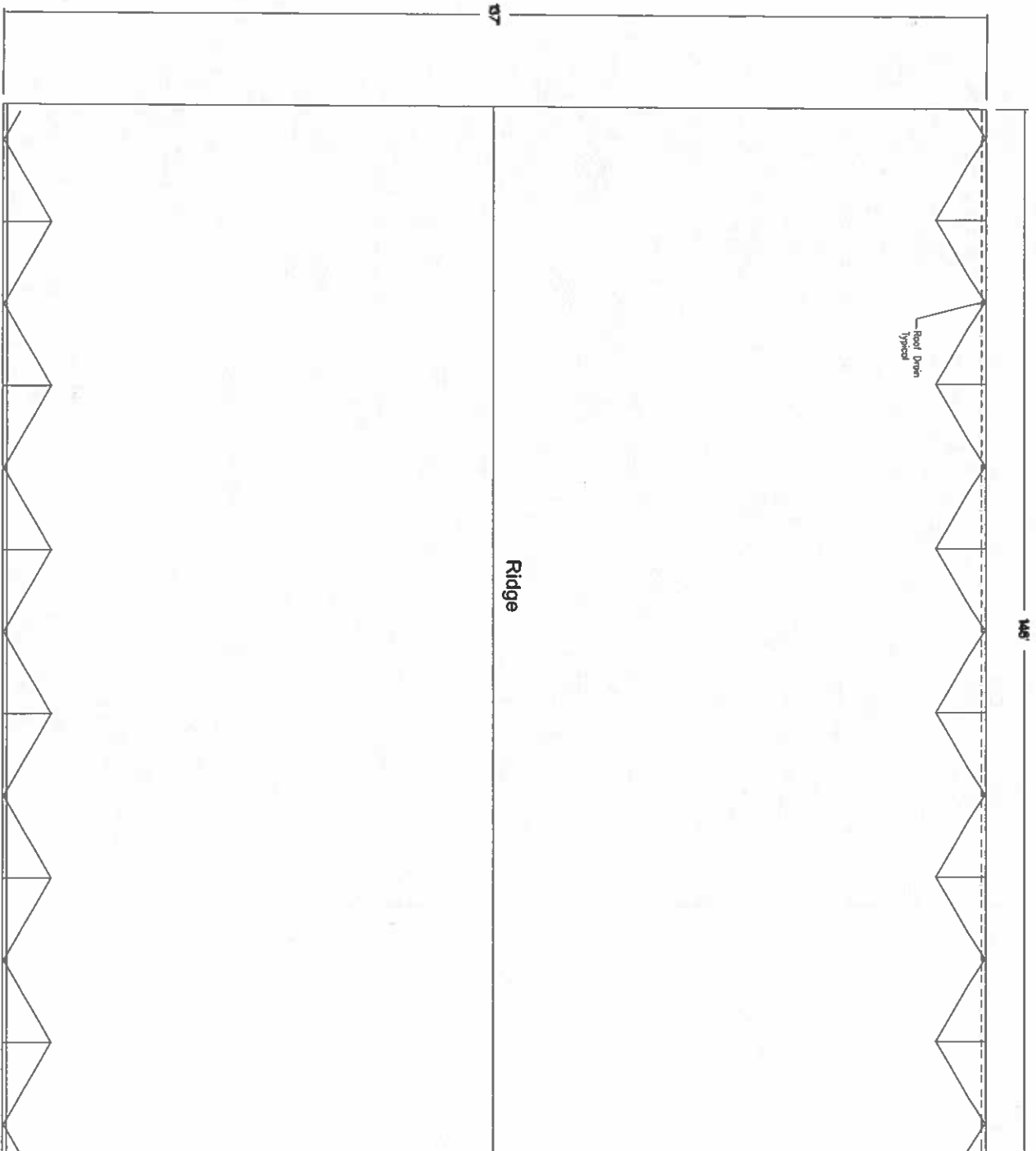
What is the current status of the parapet wall membrane warranty? We will have to notify the manufacturer that we will be flashing to the current membrane.

The current status of the parapet wall membrane warranty is unknown.

Per the Scope of Work 1.7 Provide new and install copings of .040mil prefinished aluminum gravel stops in accordance with Sheet Metal and Air Conditioning Contractors' National Association standards. From my field verification, the current edge metal looks to be of sound quality. Is this to be replaced?

The coping referenced in 1.7 refer to the terminal end of the membrane edge and nailer once applied to the existing roof.

Attached Detailed Drawing



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The Specification does not call for interior protection! Will the aircraft be moved daily while work is in progress? Even outside will hold potential of Dust and Wind Bourne Debris accumulating on the aircraft.

2.4 The aircraft can be repositioned and/or covered as necessary.

Provide clarification, your intent is to match existing and extend the Adhered wall TPO membrane across the parapet top, turn down exterior wall and Effis and install gravel stop edge metal in lieu of coping. The .040 mil prefinished aluminum gravel stops.

1.6 Specification only refers to features on or relevant to the hangar building roof. There is no intent to extend to interior of parapet wall unless required by manufacture installation instructions.

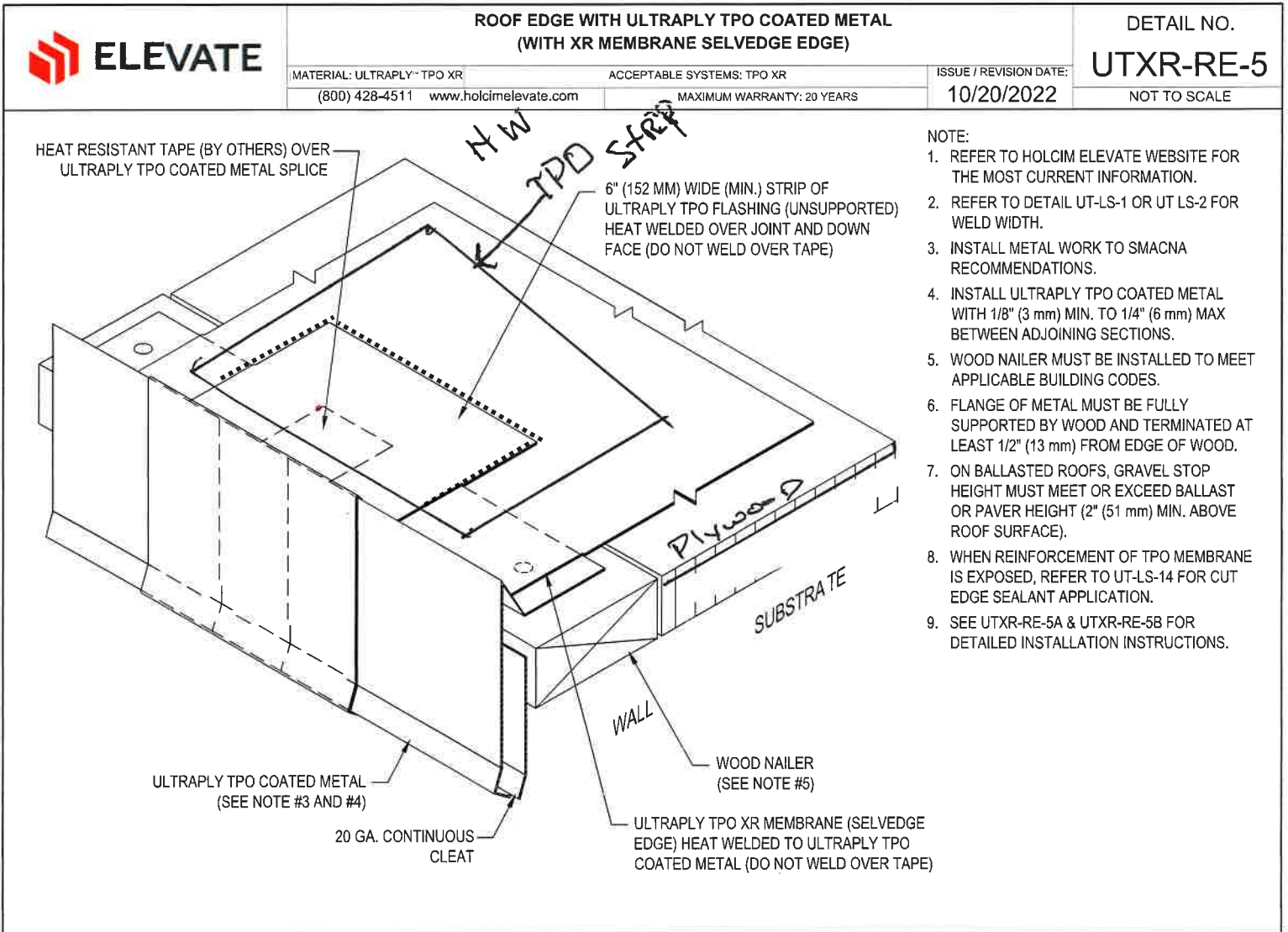
Provide conformation this installation, this will require your edge metals (gravel stop) and trim pieces at gutter edges to be stripped in with "Peel & Stick Quick Seam product!" although acceptable by most manufactures not a recommendation of Key's All Area Roofing. A preferred installation of 24g TPO Clad Metal (white) Edges with TPO strip heat welded to metal edge and extend 4" onto roof membrane with 1-1/2" heat welded seam. The .040 mil prefinished aluminum can be snapped on to face of Clad Metal if still desired. (see attached detail)

1.7 Preferred method of applying terminal edge material is acceptable.

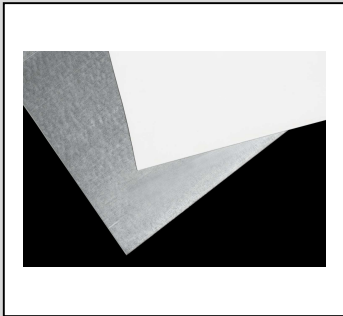
Please provide a scope of work for the internal gutter system. Keys All Area Roofing can provide recommendation upon request.

Existing gutter system is expected to remain intact unless necessary modifications are required to complete the new recover system. Recommendations are acceptable.

1.6 Detail



Technical Information Sheet



UltraPly™ TPO Coated Metal

Item Description	Item Number
White	W56TPO3023
Gray	W56TPOG023
Tan (HR)	W56TPOLT023

Description

Elevate UltraPly TPO Coated Metal is made from a flexible non-reinforced thermoplastic polyolefin membrane factory laminated to hot-dipped galvanized steel. Elevate UltraPly TPO Coated Metal can function as a flashing component for the Elevate UltraPly TPO System.

Method of Application

1. Install UltraPly TPO Coated Metal with 1/8" to 1/4" (3 to 6 mm) between adjoining sections.
2. Install 2" (50 mm) wide heat resistant tape over joints in UltraPly TPO Coated Metal.
3. Heat weld a 6" (150 mm) wide piece of UltraPly TPO Unsupported Flashing over the joint.
4. Robotic welds to UltraPly TPO Coated Metal must be at least 1 1/2" (40 mm) wide. Hand welds must be at least 2" (51 mm) wide.

Storage

Store material in original unopened packaging in a dry area away from sources of physical damage or chemical contamination.

Precautions

- Refer to Safety Data Sheets (SDS) for additional safety information.

LEED® Information

Post-Consumer Recycled Content: 22%

Post Industrial Recycled Content: 6%

Manufacturing Location: Taylor, PA

NOTE: LEED® is a registered trademark of the U.S. Green Building Council

Typical Properties		
Properties	Value	Packaging
TPO Coating		Sheets: 10 Sheets per pallet Weight: 525-550 lb (238-250 kg) per pallet
Color	White, Gray, or Tan (HR)	
Thickness	0.032" (0.81 mm), tolerance $\pm .003$ "	
Sheet Metal		
Type	24-gauge G-90 hot dipped galvanized steel	
Thickness	0.023" (0.58 mm), tolerance .004", -0	
Length	10' ($120 \pm \frac{3}{4}$ "; 305 cm ± 2 cm)	
Width	4' ($48 \pm \frac{1}{2}$ "; 122 cm ± 1 cm)	

Please contact Holcim Technical Services at 800-428-4511 for further information.

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