

# Reinstallation of Roof UAT (Prep)



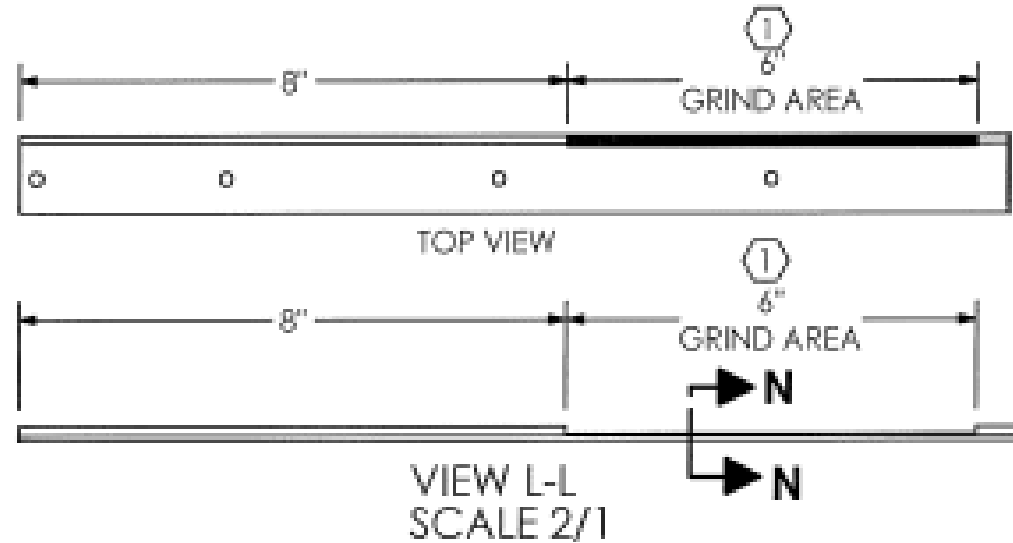
**Prep / Clean rear roof area before installation.**

*\*FRP roof for reference – Aluminum skin uses same cleaning procedure*

# Reinstallation of Roof UAT (Prep)



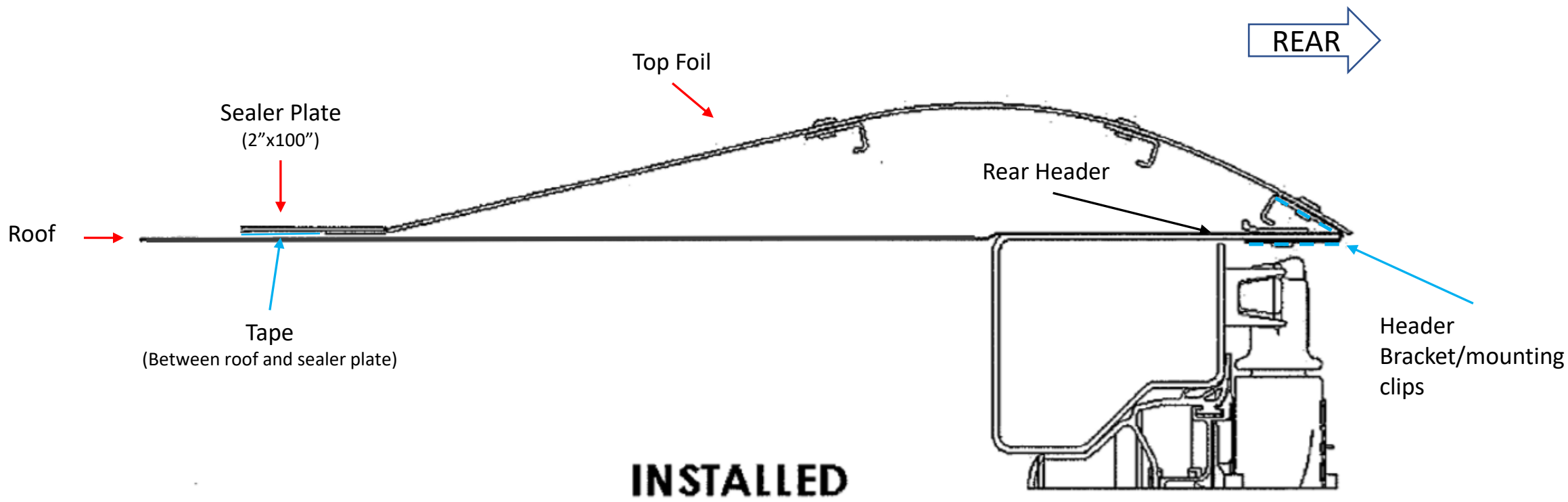
**SECTION N-N**  
**SCALE: 2 / 1**



Prior to rear sealer plate installation, measure/locate roof skin clamping strips and grind the clamping strip “lip” in the specified area to allow roof foil sealer plate mounting. Lip will need to be removed between the 15” and 19” on both R/S and C/S if not already done so.

**\* Caution: Do not grind into the roof skin.**

# Reinstallation of Roof UAT (Reference layout)



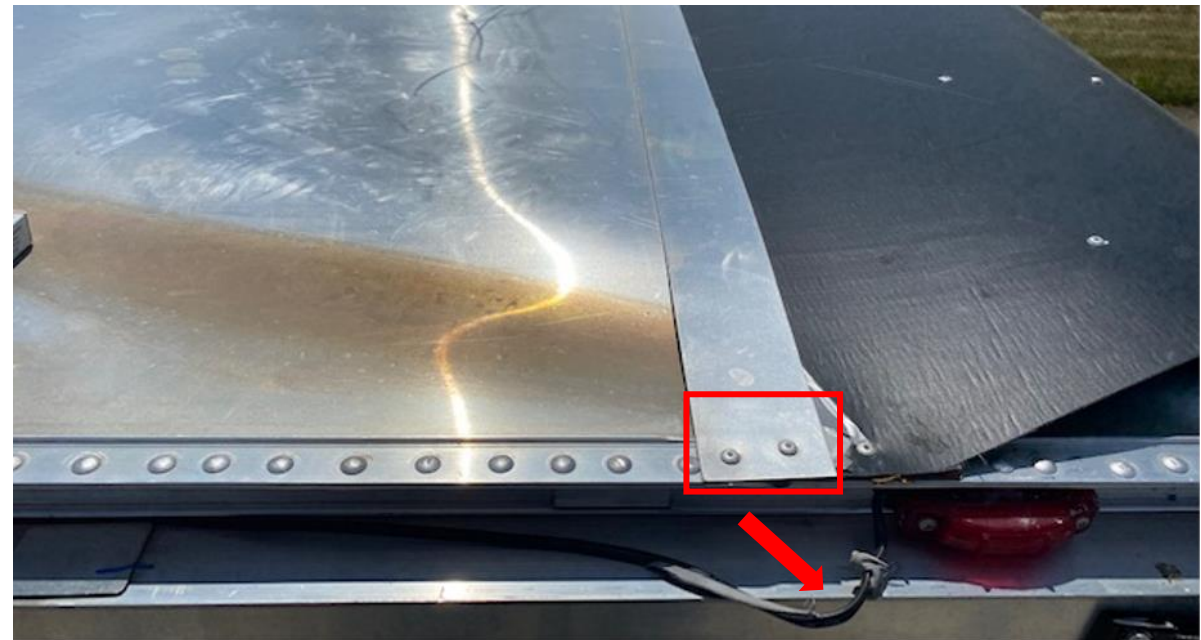
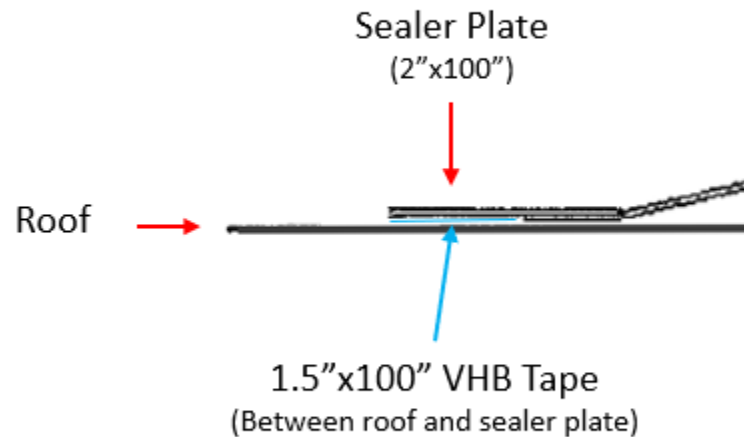
# Reinstallation of Roof UAT (Prep and Rear Bracket(s) Install)

- Ensure the roof surface at least 19" in front of the end of the rear header is cleaned with alcohol (allow to flash off)
- Clean the entire surface of the sealer plate where VHB tape will be affixed (allow to flash off)
- Cut 100" of the 1.5" VHB tape and affix it to the cleaned surface of sealer plate (affix tape towards the forward edge of plate – sealer plate will have ½" of exposed aluminum)
- Locate all pre-existing mounting holes (x14) and drill out to ¼".
  - 3 on CS and RS of top side rail used for sealer plate
  - 8 on rear header for 4 header brackets/mounting clips
- Install x4 mounting clips/brackets on header with the supplied ¼" rivets



# Reinstallation of Roof UAT (Sealer Plate Install)

- Locate existing holes for sealer plate (approx. 18" forward of header) the CS and RS top side rail
- Line up sealer plate over holes:
  - Offset the sealer plate rearward so that the  $\frac{1}{2}$ " *not* covered with VHB tape is towards the rear
  - Using a  $\frac{1}{4}$ " bit, drill the sealer plate through the holes on the CS and RS top side rail
  - Clamp one side in place while peeling the protective film of the double sided VHB tape – affix to roof skin.
  - Fasten CS and RS with  $\frac{1}{4}$ " rivets
  - *Ensure the clearance harness is moved out of the drill zone of attachment rivets when sealer plate is removed and replaced.*

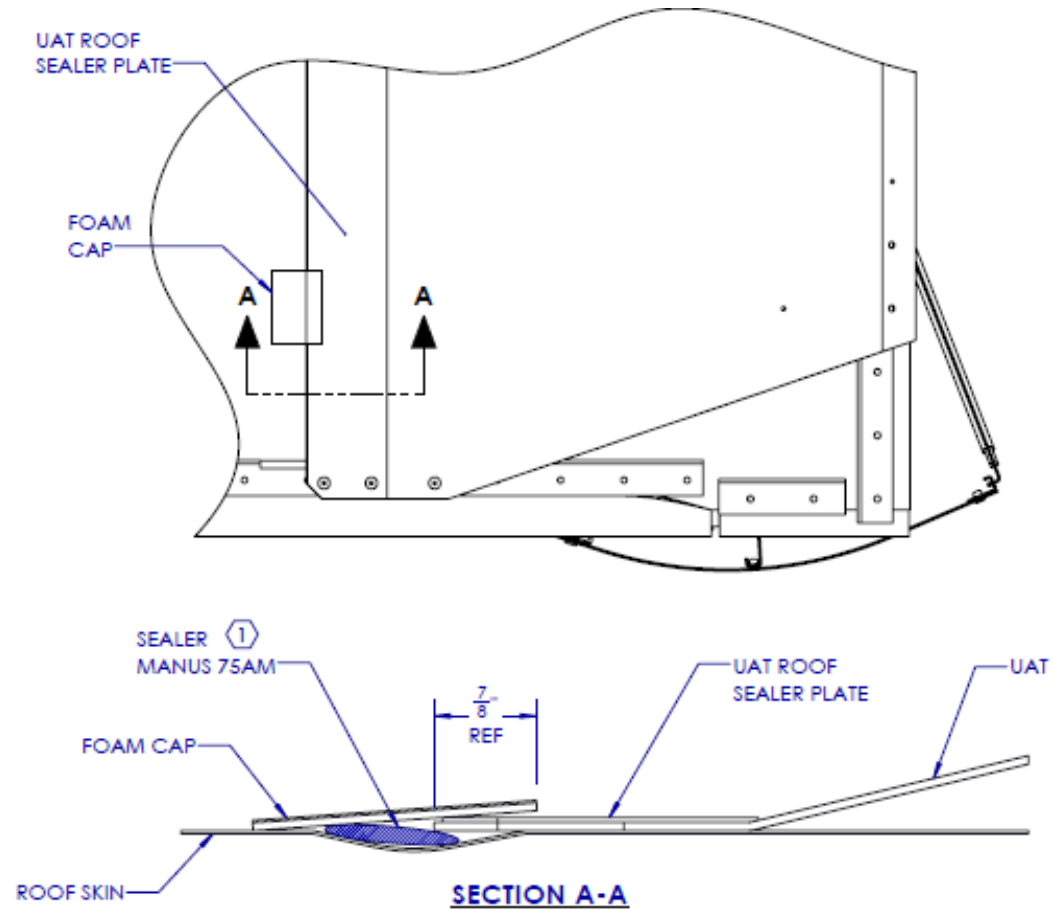


# Reinstallation of Roof UAT (UAT Install to Rear Brackets)

- Line up rear edge of UAT to rear header
- Brack drill ( $\frac{1}{4}$ " ) holes, 2 per header clip/bracket and secure with  $\frac{1}{4}$ " supplied rivets



# Reinstallation of Roof UAT (Use of Foam Caps to fill Wrinkles)



## Note:

FOR EXCESSIVE GAPS, FILL GAP WITH SEALANT UNDER THE STRIP. FEATHER DOWN, AND CAP OFF WITH A LARGE REEFER FOAM CAP. EXCESSIVE GAPS ARE DENFINED AS SEPARATION OF THE SEALER PLATE TO THE ROOFSKIN