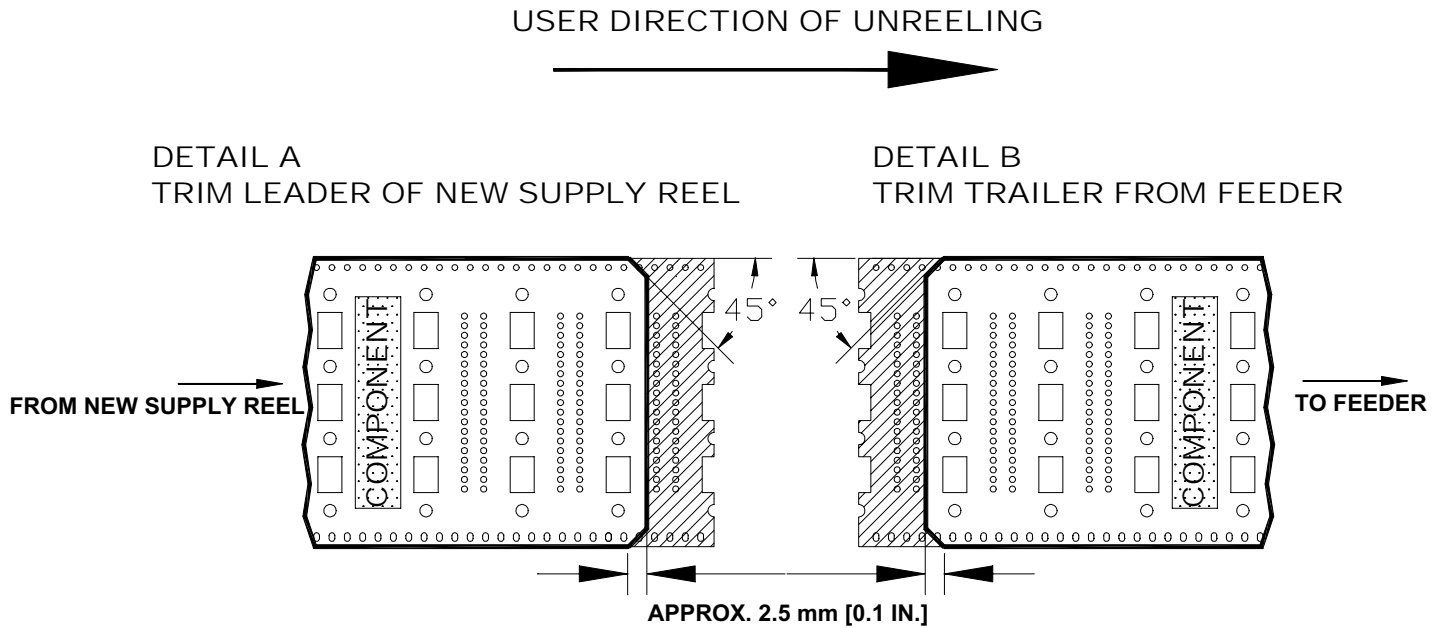


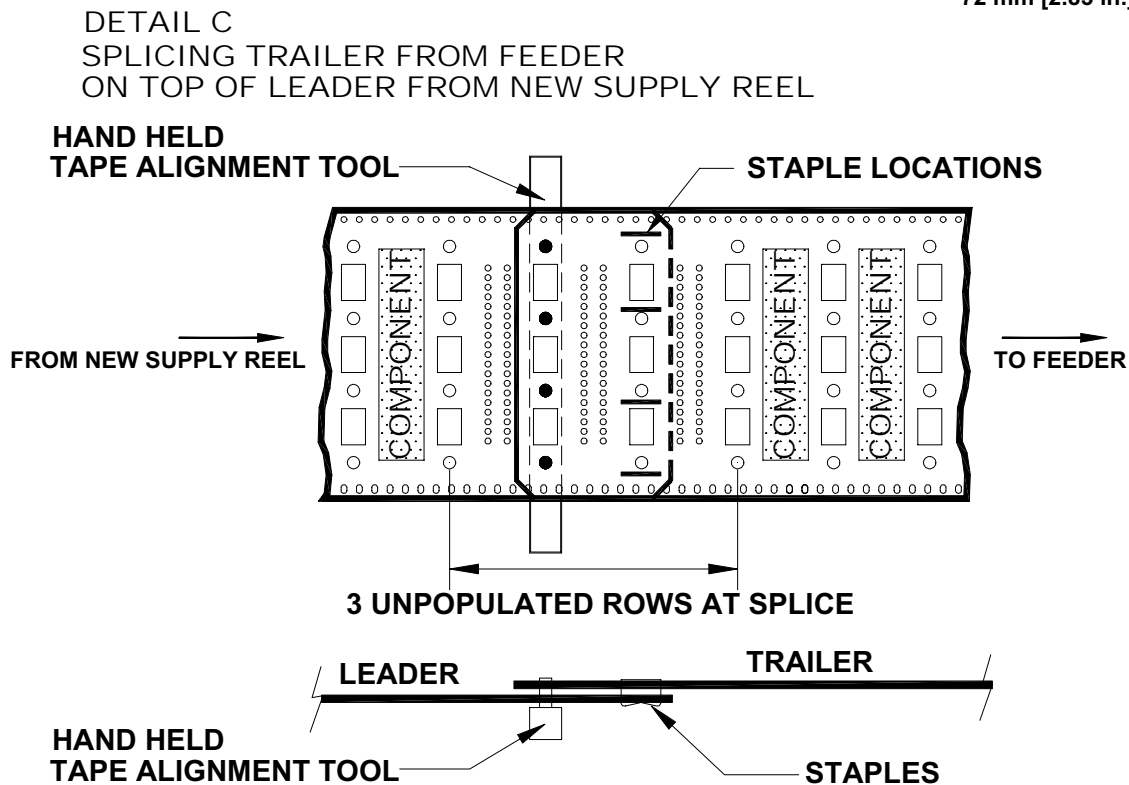
## 7.0 TAPE SPLICING DURING THE FEEDING OPERATION

- 7.1 Feeding components shall be performed in accordance with the equipment manufacturer's instructions.
- 7.2 All GPAX tapes shall be staple spliced in accordance with the procedures presented herein for continuous feeding and elimination of scrap.
- 7.3 Carrier tape shall be lap-joint staple spliced at the input end of Feeder as follows:
- (a) The carrier tape leader from the new supply reel shall be trimmed as shown in *Figure 10 Detail A*.
  - (b) The carrier tape trailer from the Feeder shall be trimmed as shown in *Figure 10 Detail B*.
  - (c) The **trailer must be placed on top of the leader** and the rectangular holes and round index holes shall be overlapped as shown in *Figure 10 Detail C*.
  - (d) Using a GPAX Splicing Stapler (GPAX P/N 3100) place staples in the proper locations to insure proper operation as shown in *Figures 11 and 12*.
- 7.4 StitchLock cover tape shall be staple spliced or tape spliced at the input end of the Feeder as follows:
- (a) A lap joint shall be formed with **trailer on top of the leader**. Holes in the StitchLock cover tape do not need to align.
  - (b) All large loose ends of the StitchLock cover tape shall be trimmed to prevent the splice from catching in the Feeder tape path and during StitchLock windup.
- 7.5 Anti-static foam interleave tape, if applicable, shall be butt-joint spliced as follows (similar to StitchLock splicing shown in *Figure 9*):
- (a) The anti-static foam interleave tape shall be overlapped.
  - (b) Both layers of the anti-static foam interleave tape shall be cut at a slight angle and the small scrap sections shall be discarded. The anti-static foam interleave tape will then have mating ends for establishing a butt-joint
  - (c) Mating ends of the anti-static foam interleave tape shall be butted together. The splice shall be fastened securely with adhesive tape.
  - (d) The edges of the anti-static foam interleave tape shall be trimmed of any excess adhesive tape.

**FIGURE 10: CARRIER TAPE STAPLE SPLICING DURING FEEDER OPERATION**



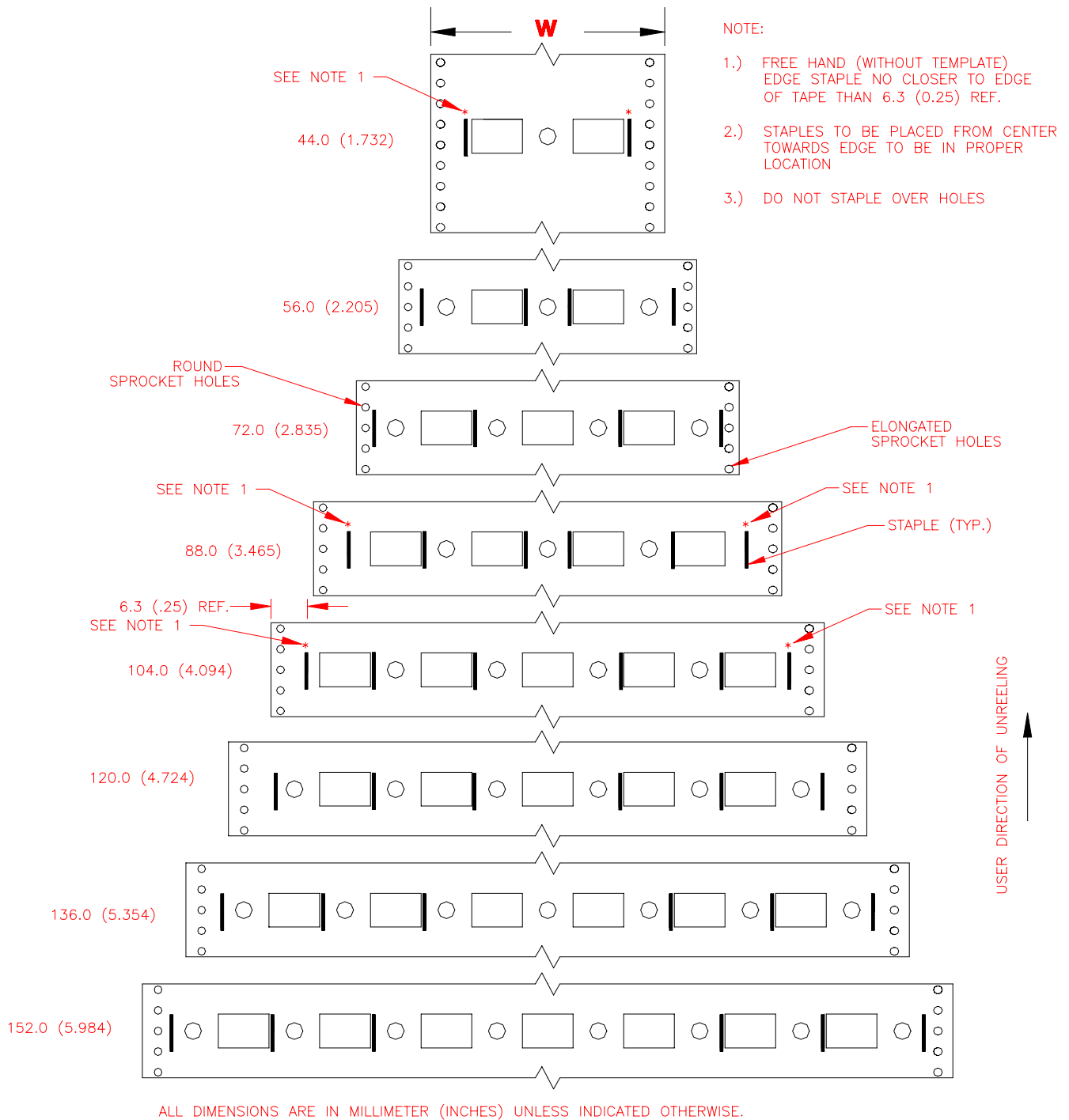
APPLIES TO ALL TAPE WIDTHS  
 72 mm [2.83 in.] TAPE SHOWN



**IMPORTANT! PLACE TRAILER FROM FEEDER ON TOP OF LEADER FROM NEW SUPPLY REEL AS SHOWN.**

USER DIRECTION OF UNREELING  


**FIGURE 11: CARRIER TAPE STAPLE SPLICE LOCATIONS - EIA CARRIER WIDTHS**

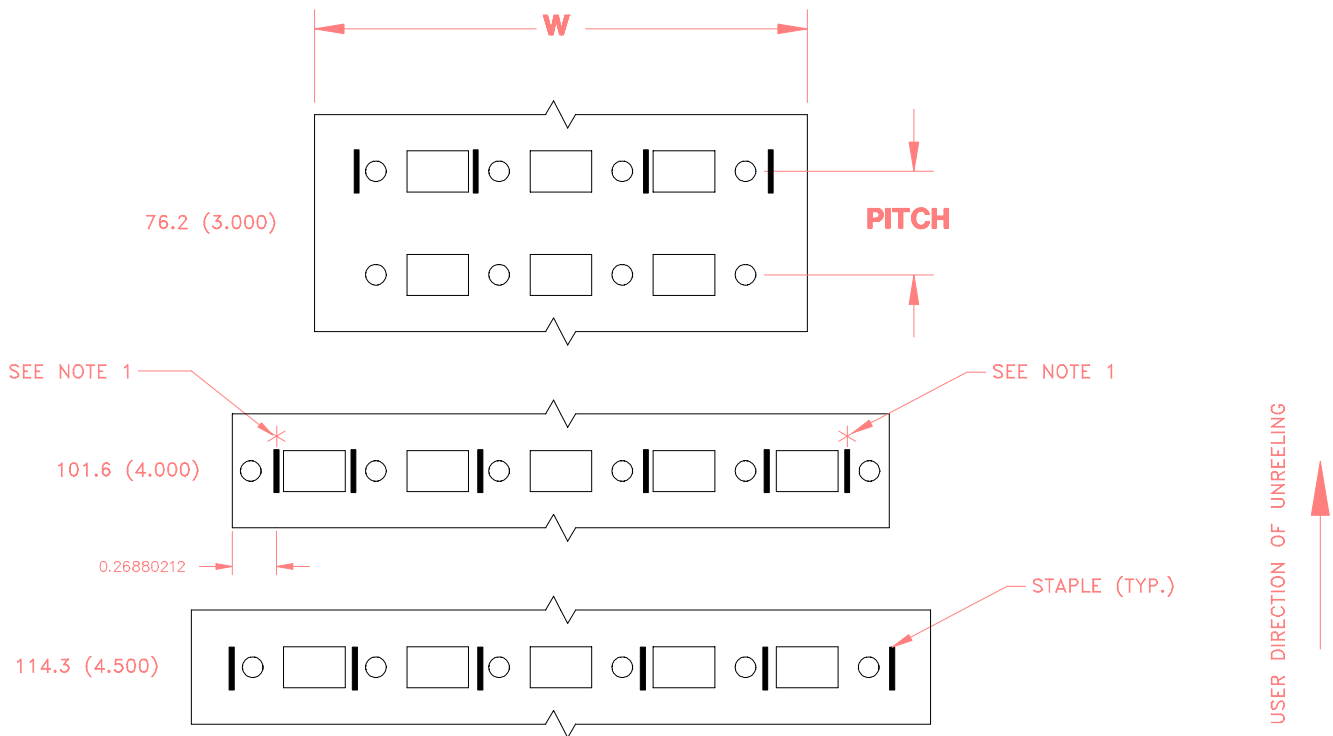


**FIGURE 12: CARRIER TAPE STAPLE SPLICE LOCATIONS - INCH CARRIER WIDTHS**

NOTE:

- 1) FREE HAND (WITHOUT TEMPLATE)  
 EDGE STAPLE NO CLOSER TO EDGE  
 OF TAPE THAN 6.3 (0.25) REF.
- 2) STAPLES TO BE PLACED FROM CENTER  
 TOWARDS EDGE TO BE IN PROPER  
 LOCATION
- 3) DO NOT STAPLE OVER HOLES

DO NOT STAPLE SPLICE 1.5" CARRIER TAPE



ALL DIMENSIONS ARE IN MILLIMETER (INCHES) UNLESS INDICATED OTHERWISE.