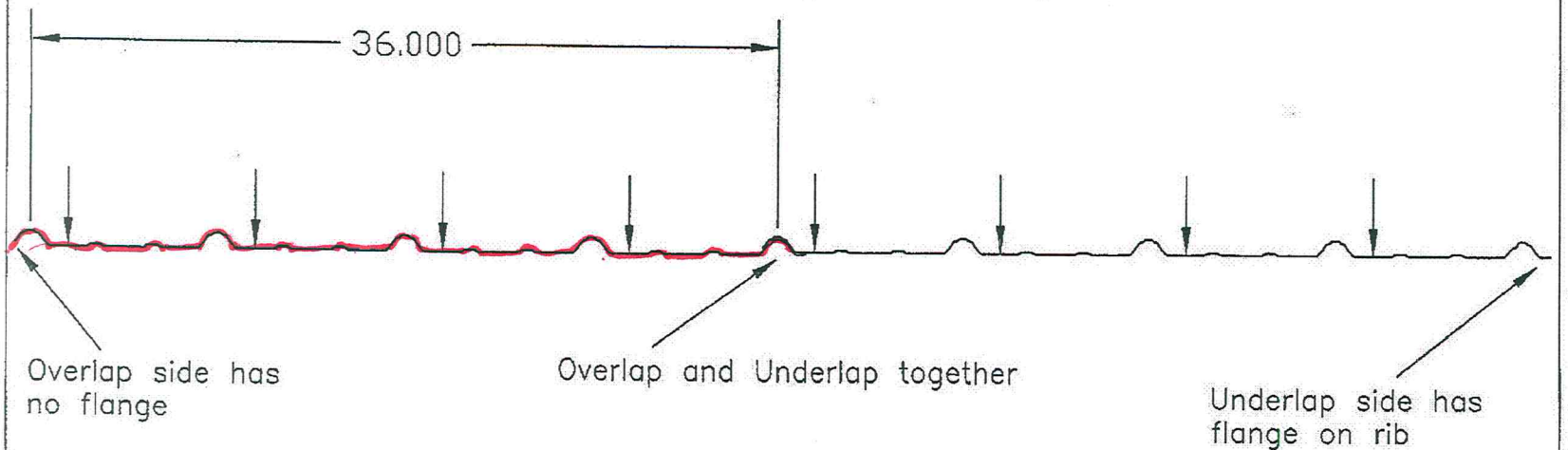
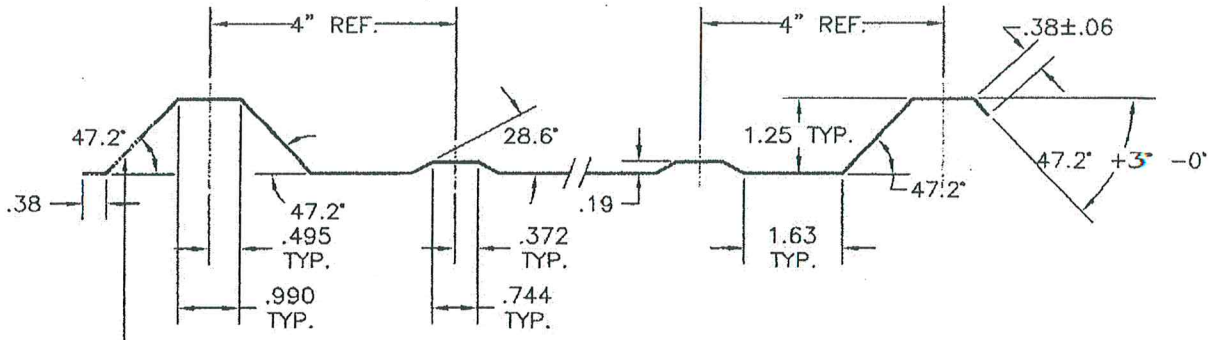
Tuff-Rib

Screw location, every 2ft. up the roof



NOTE: Drawing shows 2 panels fasten together

PHILLIPS
METAL PRODUCTS
13102 Hwy 49 Gulfport, MS 39503
Phone: (228) 831-3655 . Fax: (228) 831-3658
www.phillipsbuildingsupply.com
stevel@pbsgt.com

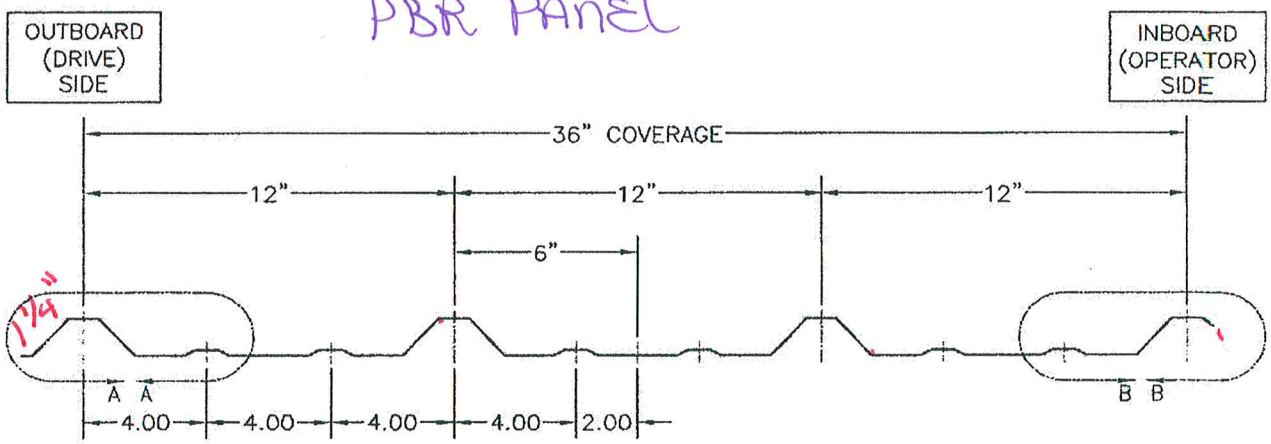


VIEW A–A
FULL SCALE

VIEW B–B
FULL SCALE

PURLIN–BEARING EDGE ON ONE SIDE ONLY.
TOOLING ALLOWS FORMING OF THIS EDGE ON EITHER SIDE.

PBR PANEL



"PBR" PANEL
1/2 SCALE

NOTES:
1. ALL INSIDE RADII ARE .094.
2. MATERIAL: 22–26 GA. (.018–.034) GALV., PAINTED STEEL;
   GRADE D & E (50 & 80 KSI MIN. YIELD).
3. ROLL TOOLING IS GAPPED FOR .032" THICK MATERIAL, BUT
   WILL ALLOW THE FORMING OF .034" MAX. SHOWN IN NOTE 2 ABOVE.
4. CALCULATED STRIP WIDTH = 41.34 WITHOUT PURLIN–BEARING LEG.
   CALCULATED STRIP WIDTH = 43.04 WITH PURLIN–BEARING LEG.
5. TOLERANCES: MAJOR AND MINOR RIB HEIGHT = ±1/32
   COVERAGE END TO END = ±1/16
   BOW, CAMBER = .010" PER FOOT.

ROLLER SYSTEMS AND PANEL PROFILE DRAWINGS

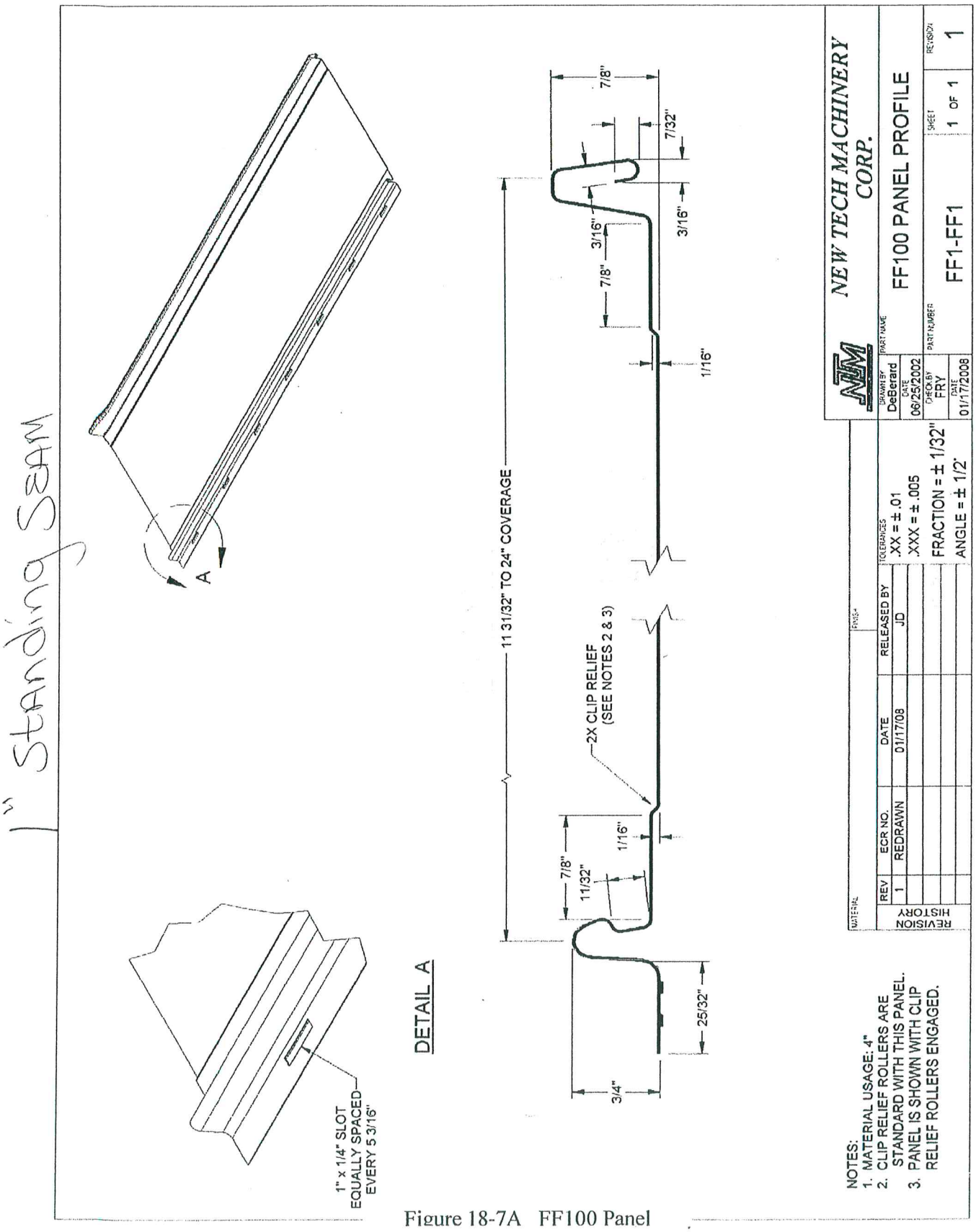


Figure 18-7A FF100 Panel

ROLLER SYSTEMS AND PANEL PROFILE DRAWINGS

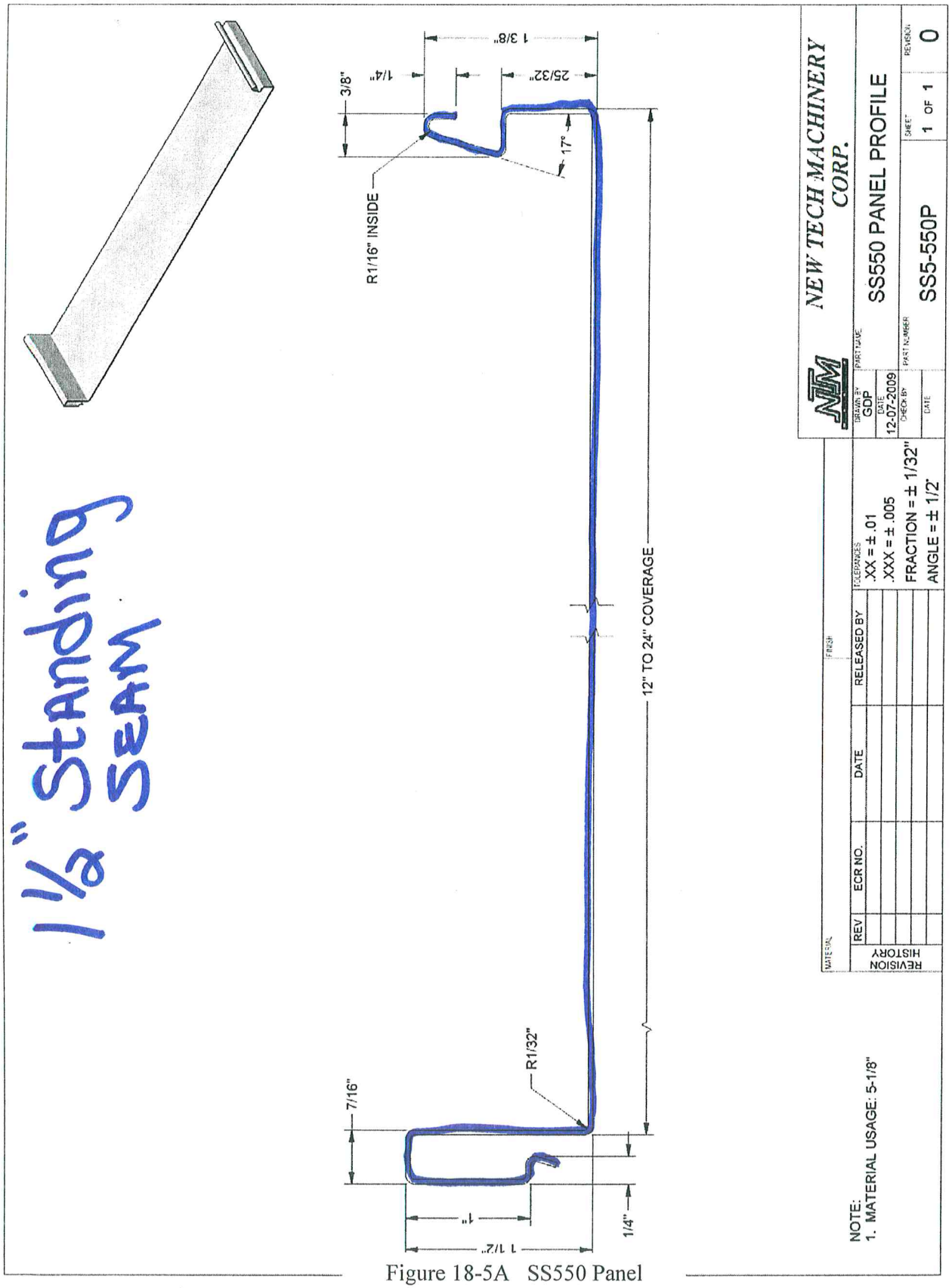


Figure 18-5A SS550 Panel

2" MECHANICAL-LOCK

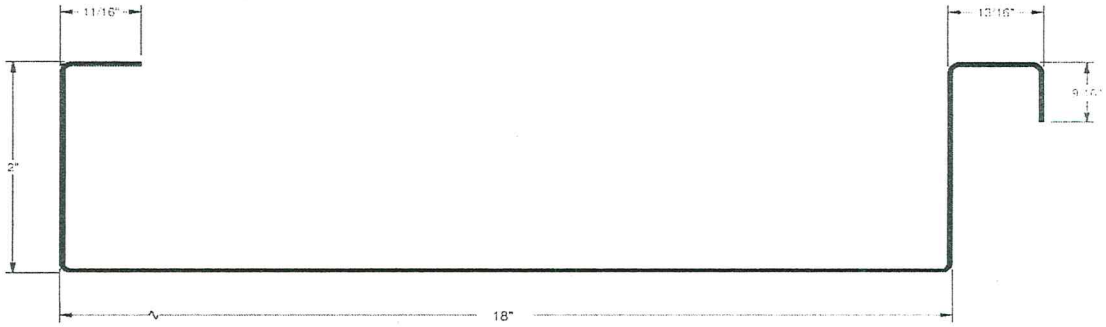
Sheffield Metals International

PHILLIPS METAL PRODUCTS

SMI 2.0 Mechanical Seam
Standing Seam Metal Roof System

PANEL INFORMATION

Panel Type:	Standing Seam
Panel Seam:	Mechanical
Panel Width:	18" Max
Seam Height:	2.0"
Panel Material:	24 GA Min
Panel Surface:	Smooth / Embossed Optional
Panel Clip:	Required Per Engineering
Minimum Slope:	.5/12
Substrate:	Open Framing, Plywood, B-Deck, B-Deck w/ISO

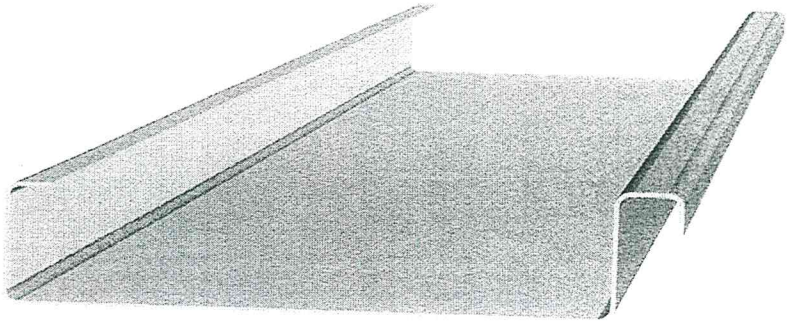


PANEL TESTING

Uplift Resistance:	ASTM E 1592, UL 580, UL 1897, UL 90
Air Infiltration:	ASTM E 1680
Water Penetration:	ASTM E 1646
Water Submersion:	ASTM E 2140
Foot Traffic:	FM 4471
Hail Rating:	Class 4 Impact UL 2218
Fire Rating:	UL Class A

PANEL NOTES

- With this 24 GA, 18" wide panel engineering you may opt to use heavier gauge coil & narrower width panels. Clip spacing will not change.
- For slopes lower than a 2/12 roof pitch install sealant per ASTM E 2140.
- This panel uses a 24" coil.
- This panel uses 6" of material to form the panel.
- If you take the square footage of the roof and multiply that by 1.34 the total will be the amount coil needed to manufacture the panels.
- This panel is approved for weathertight Warrantys.



Sheffield Metals International - 5467 Evergreen Parkway Sheffield Village, OH. 44054 - Office (440) 934.8500

Panel Profiles

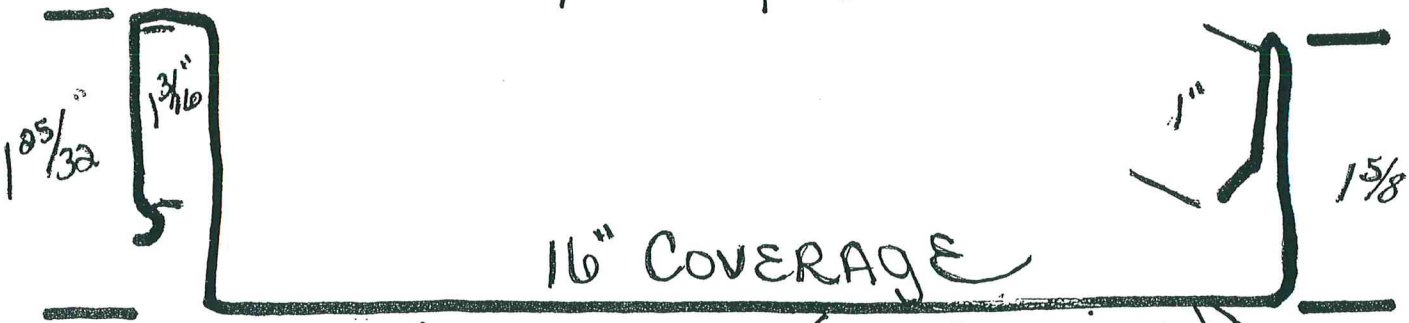
5V Panel 24" Coverage

Corrugated 24" Coverage

Tuff-Rib 36" Coverage

PBR Panel 36" Coverage

1" Snap-Loc



1 1/2" Snap-Loc (Clip Required)