

ENGINEERING

# TOPHAT™ SUBFRAME AND ACCESSORY LIST

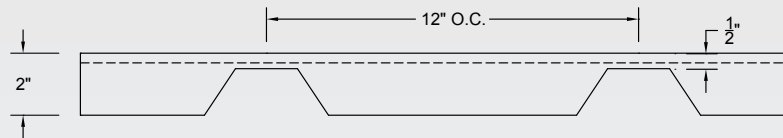


**TOPHAT**  
enhanced engineering

## 2" TALL TOPHAT SUBFRAME

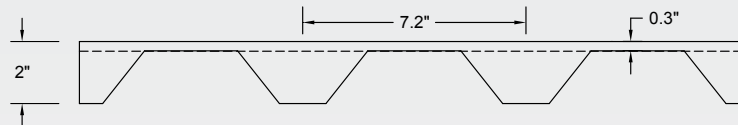
### R-Panel Punch-out

Item No. R20-12



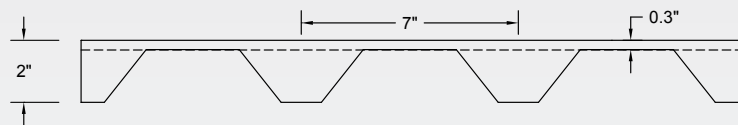
### 7.2 Rib Punch-out

Item No. S20-7.2



### 7.0 Rib Punch-out

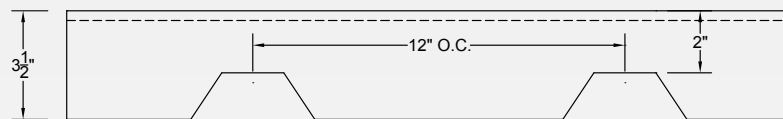
Item No. S20-7.0



## 3 1/2" TALL TOPHAT SUBFRAME

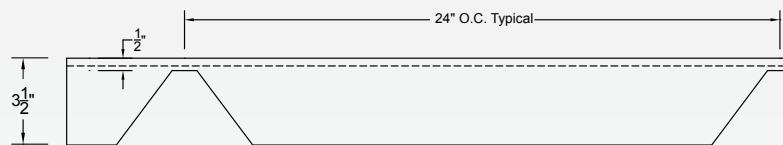
### R-Panel Punch-out

Item No. R35-12



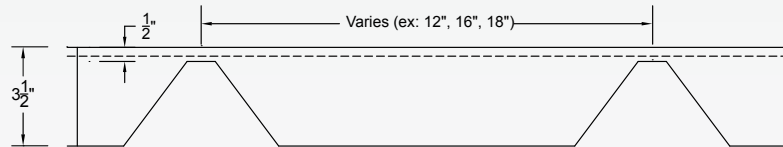
### 3" Trapezoidal SSR Punch-out

Item No. T35-24



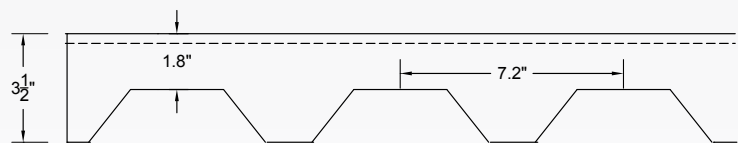
### Standing Seam Punch-out

Item No. T35-xx



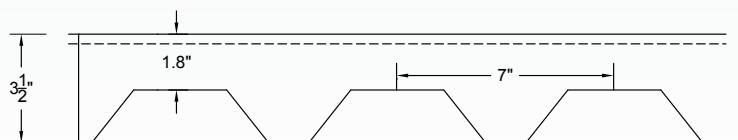
### 7.2 Rib Punch-out

Item No. S35-7.2



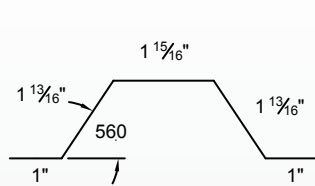
### 7.0 Rib Punch-out

Item No. S35-7.0

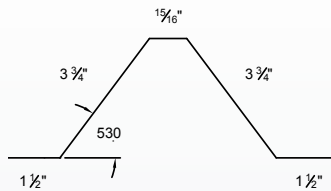


## DEFLECTION LIMITERS

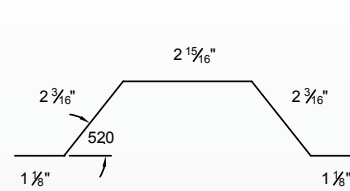
R-Panel Profile



3" Trapezoidal SSR Profile



7.2 or 7.0 Rib Profile



## ACCESSORIES

<b>Splice Plate</b>	1 3/8" x 2" Angle, 12" Long or Field Splice TopHat members
<b>1/4-14 x 1 1/4" DP3 Fastener</b>	Used to fasten TopHat to 16 ga. Purlins – verify guage of existing structure
<b>1/4-14 x 3/4" DP3 Fastener</b>	Used at TopHat splice
<b>1/4-14 x 2 1/2" DP3 Fastener</b>	Used to fasten TopHat to 16 ga. Purlins if 1" thermal blocking is present – verify thickness of thermal blocking
<b>Fastener Sleeve</b>	Required if thermal blocking is under existing roof
<b>Magnetic Nut Setter</b>	Nutsetters at least 1/2" longer than the depth of TopHat are required
<b>Butyl Tape</b>	Recommended for weathertightness



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### TopHat Framing Systems LLC

OHIO 8059 Crile Road, Painesville, OH 44077 TEL 440-352-1841 TOLL-FREE 888-459-0421 FAX 440-352-7048  
 TEXAS 8660 Lambright Street, Houston, TX 77075 TEL 713-991-2246 TOLL-FREE 866-361-4141 FAX 713-991-4747

[www.tophatframing.com](http://www.tophatframing.com)

