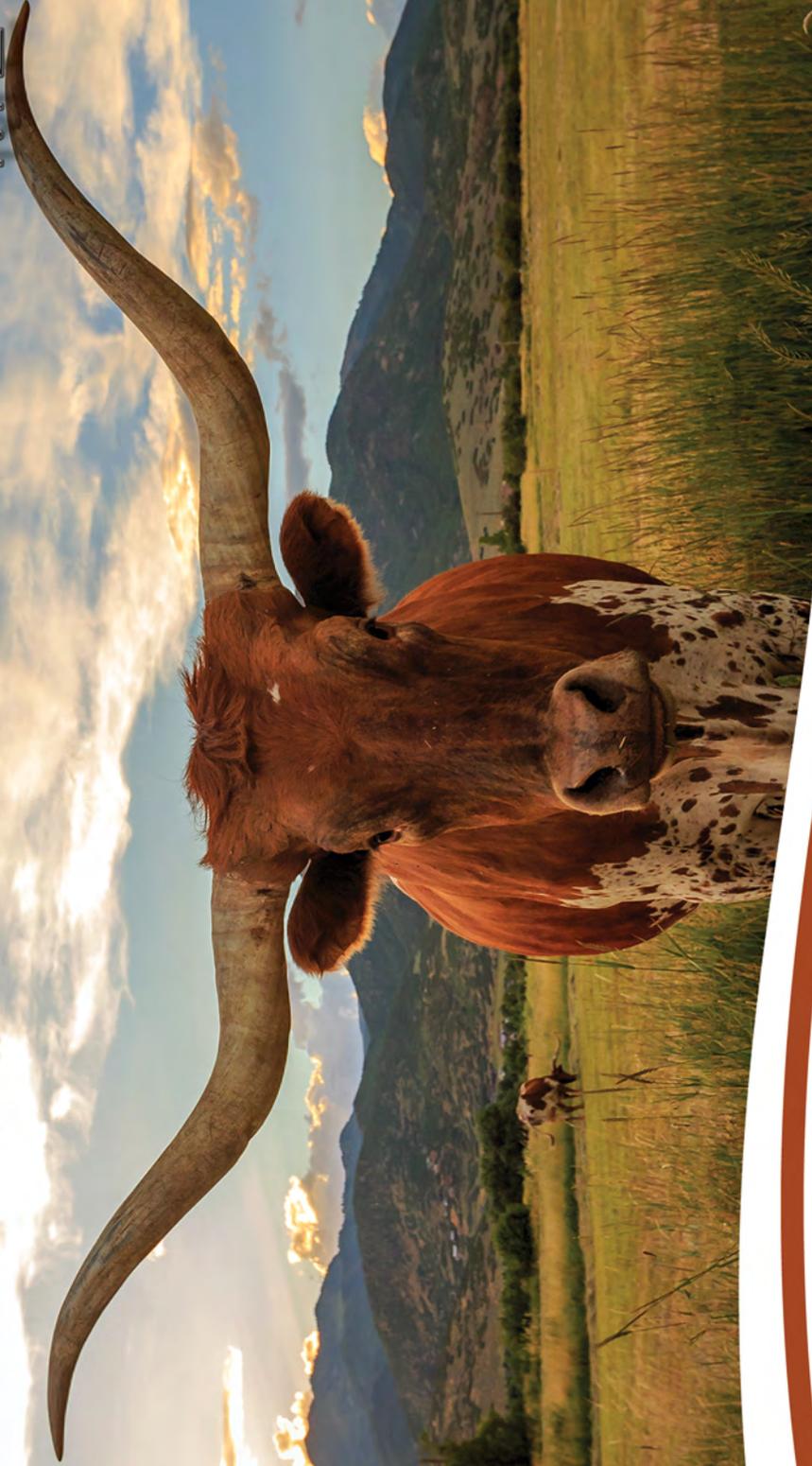


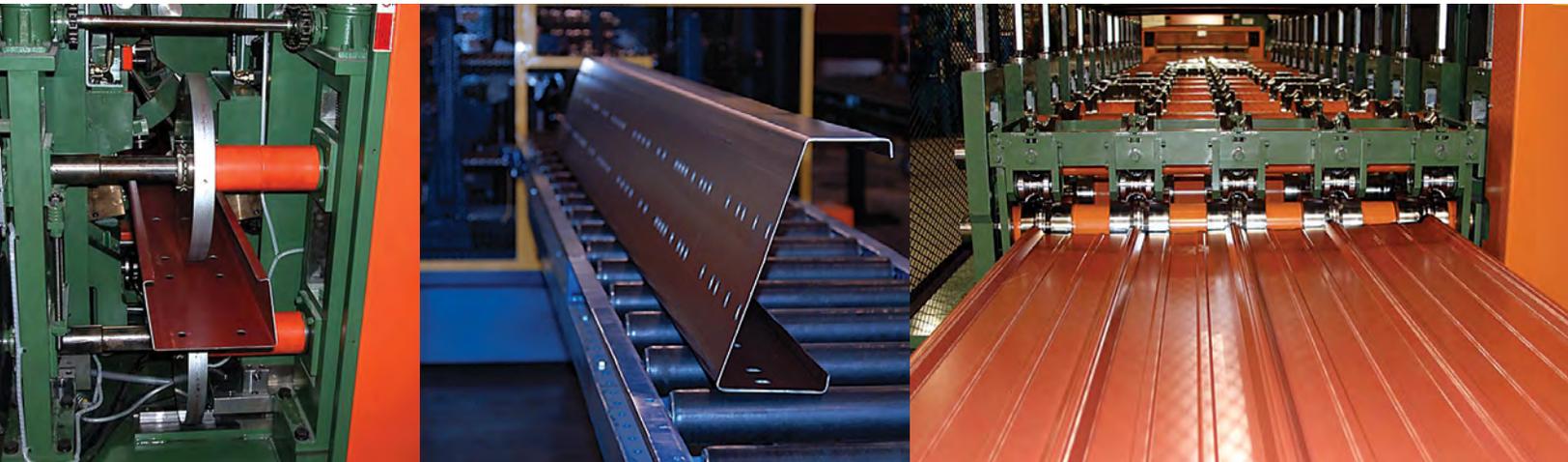
SATVIER

METAL



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Introduction

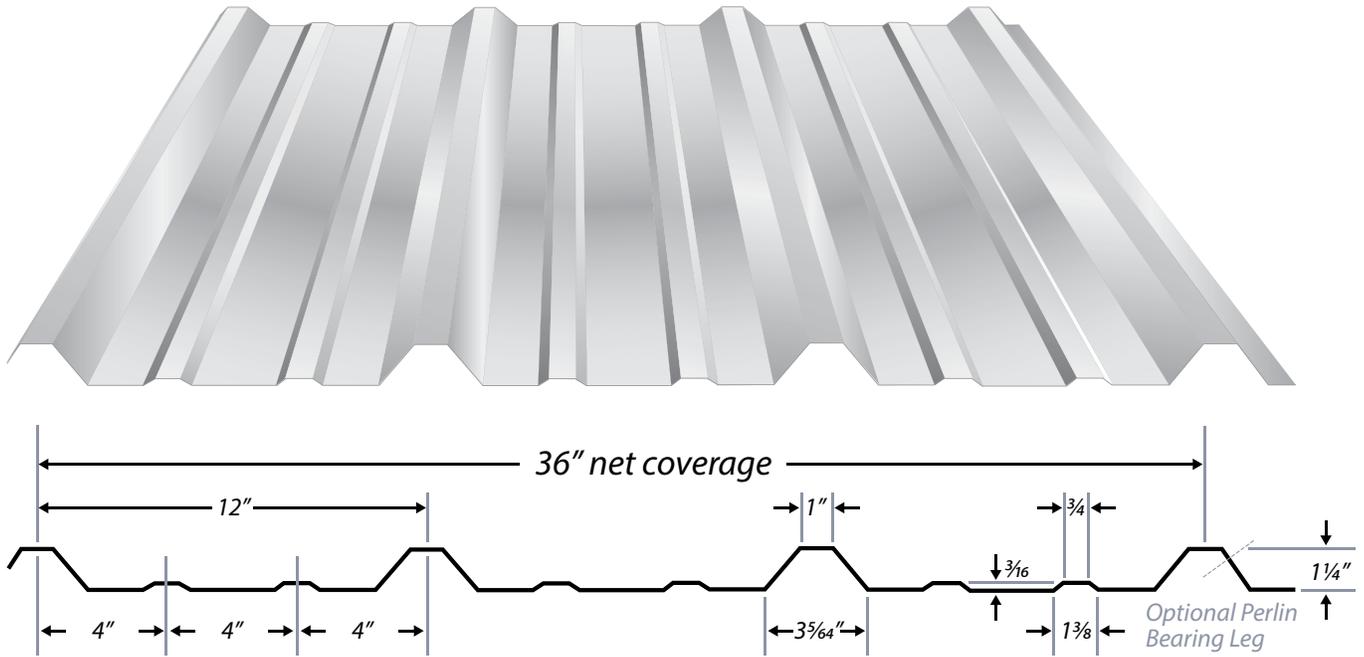
Sawyer Metal is a family owned business that was established in 1979 by F.E. “Frank” Sawyer. Frank began his business with a pickup truck, some borrowed tools, and an old fashioned work ethic. After many years of hard work, Sawyer has expanded from its humble beginnings in construction into the largest manufacturer of metal building and roofing components in East Texas.

We are committed to excellence in the manufacturing of metal roofing and steel building products. We appreciate our customers, and we are devoted to exceeding their expectations. It is our promise to maintain honesty and integrity while we produce a superior product and customer service.

"R" Panel

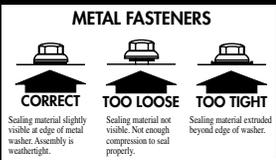


"R" Panel



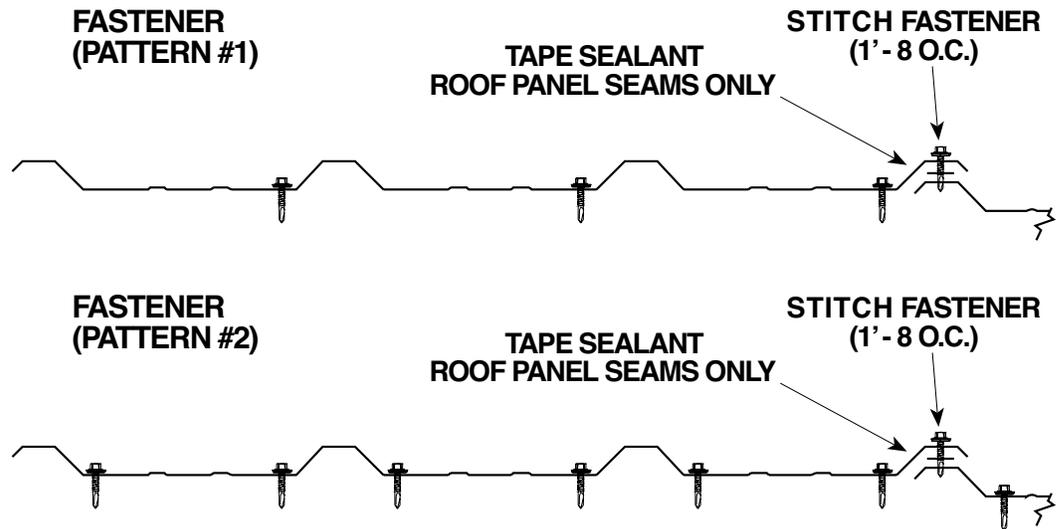
"R" Panel is a multi-use wall and roof panel used primarily in pre-engineered metal building applications.

"R" PANEL FASTENING METHODS

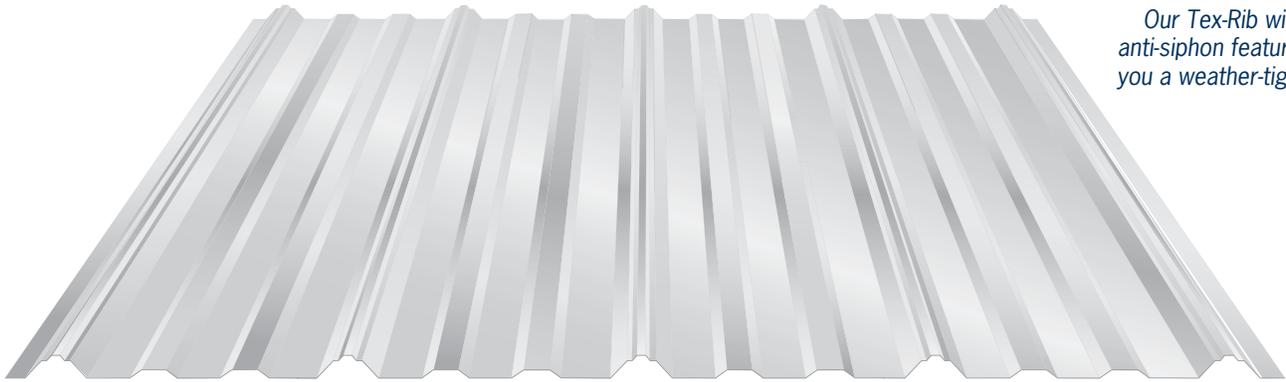


The use of proper fasteners and installation procedures is an important factor in the appearance and performance of the panel system. Roofing and siding may be installed using fasteners with weather seal washers.

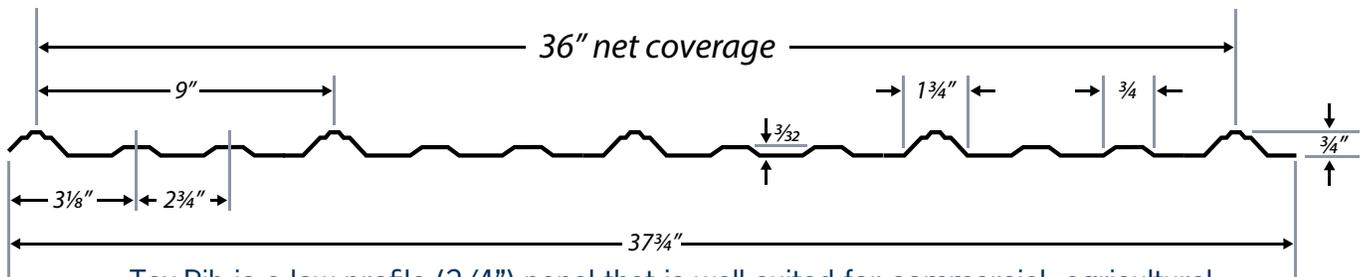
Sawyer Metal shall not be liable for any claim or claims which arise out of the handling or installation of the material.



Tex-Rib



Our Tex-Rib with its anti-siphon feature gives you a weather-tight seal.



Tex-Rib is a low profile (3/4") panel that is well suited for commercial, agricultural and residential applications. Tex-Rib can be installed on as low as a 1:12 pitch if sealant is used on the sidelaps. If not, a 3:12 pitch is recommended.

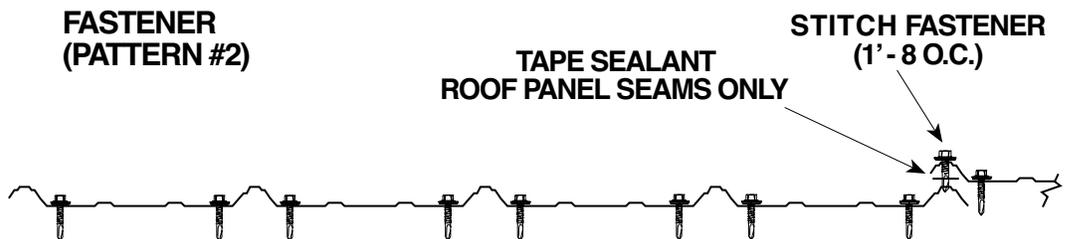
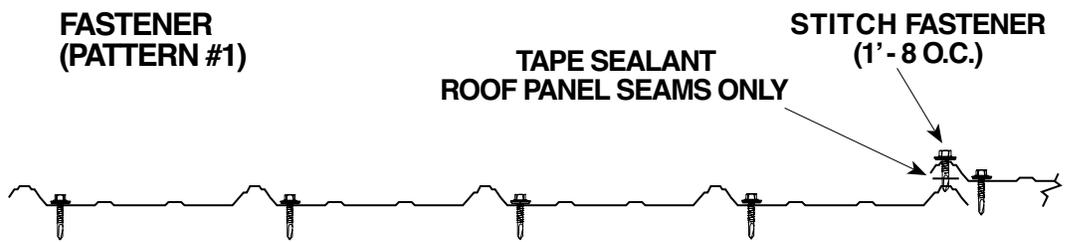
Tex-Rib FASTENING METHODS

METAL FASTENERS



The use of proper fasteners and installation procedures is an important factor in the appearance and performance of the panel system. Roofing and siding may be installed using fasteners with weather seal washers.

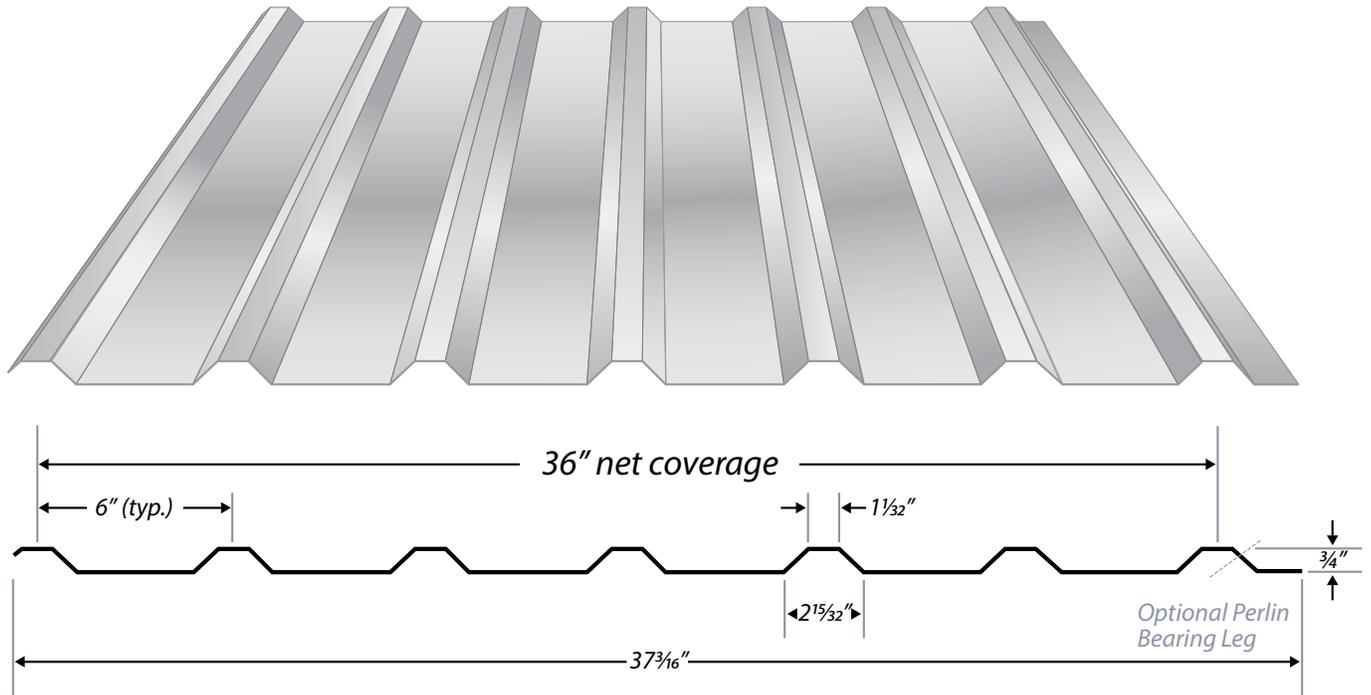
Sawyer Metal shall not be liable for any claim or claims which arise out of the handling or installation of the material.



"U" Panel

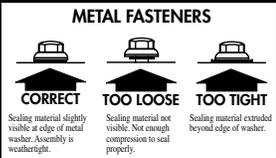


"U" Panel



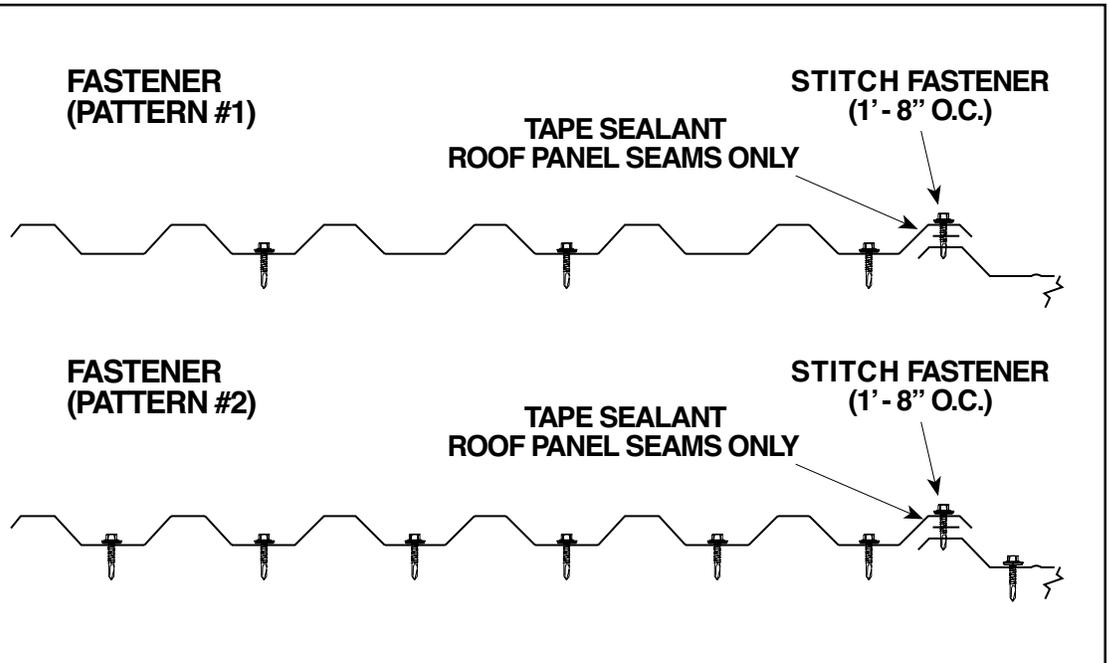
"U" Panel is an exposed fastener wall and roof panel that is mainly used as a liner or partition panel.

"U" Panel FASTENING METHODS



The use of proper fasteners and installation procedures is an important factor in the appearance and performance of the panel system. Roofing and siding may be installed using fasteners with weather seal washers.

Sawyer Metal shall not be liable for any claim or claims which arise out of the handling or installation of the material.





- Fastener designed to attach metal roof and sidewall panels used in pre-engineered metal building applications.
- #12 Diameter 5/16" Cupped HWH self-drilling fastener easily penetrates steel up to .210" in thickness with no "point walking". 1/4" Stitch will securely fasten 2 layers of 26 GA with no strip-out.
- Cupped head & washer encapsulate EPDM rubber washer & provide a secure seal even when driven at an angle.

FOR PROPER APPLICATION, THE USE OF IMPACT DRIVERS ARE NOT RECOMMENDED FOR POWDER COATED OR ANY WET PAINTED FASTENER

POWDER COATED

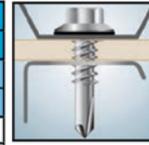
STOCKED SIZES

SIZE	12" X 1 1/4"	1 1/4" X 7/8" STITCH
HEAD STYLE	5/16" CHWH*	5/16" CHWH*
CARTON QTY.	2500	2500
WEIGHT /M	14.8	13.4

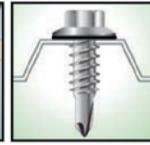
*CUPPED HEX WASHER HEAD

TECHNICAL INFORMATION	POINT DIAMETER	MAJOR DIAMETER	MINOR DIAMETER	WASHER FACE DIAMETER	HEAD ACROSS FLATS	NOM. TENSILE STRENGTH	MIN. TORSIONAL STRENGTH	NOM. SHEAR STRENGTH
#12 MAXX®	.177/.181	.215/.209	.164/.157	.555/.545	.305/.311	2900 LBS.	92 IN-LBS.	1962 LBS.
1/4" STITCH	.181/.177	.246/.240	.192/.185	.555/.545	.305/.311	3800 LBS.	150 IN-LBS.	2850 LBS.

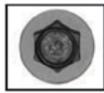
PULL OUT STRENGTH VALUE (LBS. ULT.)	MATERIAL	MATERIAL											
		HRS Primed Only			AZ55 GALVALUME				G-90 GALVANIZED				
		NOM. GAUGE	16	14	12	26	24	22	18	20	18	16	14
#12 MAXX®		.065	.070	.106	.019	.024	.032	.048	.038	.048	.060	.072	.101
1/4" STITCH					342	378	418	1038	620				729 787 1041 1372



Purlin Screw



Stitch Screw

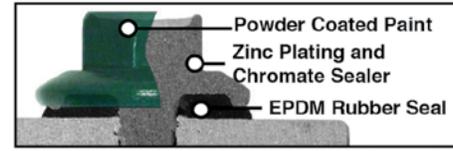


ST Magnetic Sockets are available for powder coated fasteners

PULL OVER STRENGTH VALUE (LBS. ULT.)	DESIGNATION	MATERIAL			
		AZ55 GALVALUME			
		NOM. GAUGE	29	26	24
#12 MAXX®		.015	.019	.024	.032
1/4" STITCH		687	1090	1299	1562
		746	960	1261	1376



Drill point is designed to penetrate steel quickly with no "point walking"



Powder Coated Paint
Zinc Plating and Chromate Sealer
EPDM Rubber Seal

Cupped HWH head design improves Pull over strength versus standard HWH & Bonded Washer. Sealite sockets are designed to allow for the added thickness of the powder coat.

- NOTES: 1. HRS (Hot Rolled Steel)
2. Pull over values calculated with EPDM rubber washer assembled to cupped head screw with .555" washer face.
3. All strength values shown are ultimate values, expressed in LBS. Apply an appropriate safety factor to obtain design limits.



- Fastener designed to attach steel roofing & siding used in post-frame & residential metal roofing applications.
- Threads transition from fine to coarse to generate superior holding strength in various wood substrates.
- Sharp Point & pronounced lead thread consistently drills high tensile 29 & 26 gauge steel with no "point walking."
- Type 17 point reduces metal shavings that can embed themselves in the rubber washer.
- EPDM rubber is vulcanized to a steel washer to form an excellent seal even when driven at an angle.

FOR PROPER APPLICATION, THE USE OF IMPACT DRIVERS ARE NOT RECOMMENDED FOR POWDER COATED OR ANY WET PAINTED FASTENER

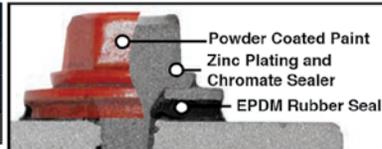
POWDER COATED

STOCKED SIZES

SIZE	10" X 1"	10" X 1 1/2"
HEAD STYLE	1/4" HWH	1/4" HWH
CARTON QTY.	3000	2500
WEIGHT /M	8.0	10.1

TECHNICAL INFORMATION	POINT DIAMETER	MAJOR DIAMETER	MINOR DIAMETER	HEAD ACROSS FLATS	ULT. TENSILE STRENGTH	MIN. TORSIONAL STRENGTH	NOM. SHEAR STRENGTH
	30° Sharp Point Type 17	.210/.200	.130/.126	.247/.244	1904 LBS.	60 IN-LBS.	1547 LBS.

PULL OUT STRENGTH VALUE (LBS. ULT.)	SUBSTRATE								
	3/4 PLY	5/8 PLY	1/2 PLY	7/16 OSB	2X Y. PINE		2X SPF		2X OAK
					1" PENET.	FULL PENET.	1" PENET.	FULL PENET.	1" PENET.
	707	590	400	310	1052	1552	492	1042	1894



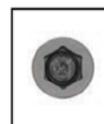
Powder Coated Paint
Zinc Plating and Chromate Sealer
EPDM Rubber Seal

Hex Washer Head with EPDM rubber washer provides a watertight seal on roof applications. Sealite sockets are designed to allow for the added thickness of the powder coat.

PULL OVER STRENGTH VALUE (LBS. ULT.)	DESIGNATION	MATERIAL		
		AZ55 GALVALUME		
		NOM. GAUGE	29	26
		.015	.019	.024
BONDED WASHER (.472" Dia) (12mm)		378	629	721



The combination of the Type 17 point & transition thread from fine to coarse generates superior drill speed in metal & holding strength in wood substrates.

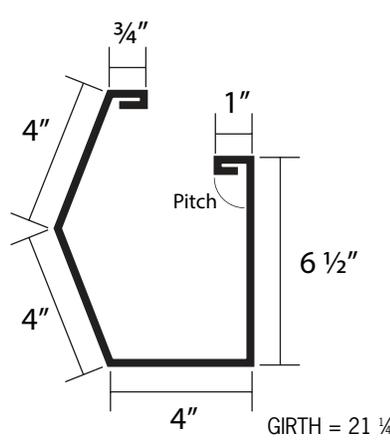
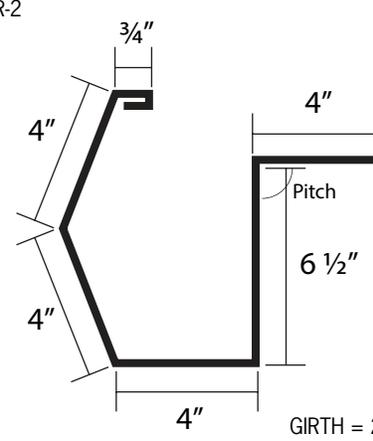
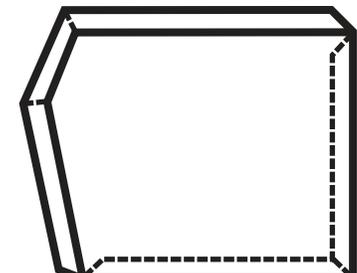
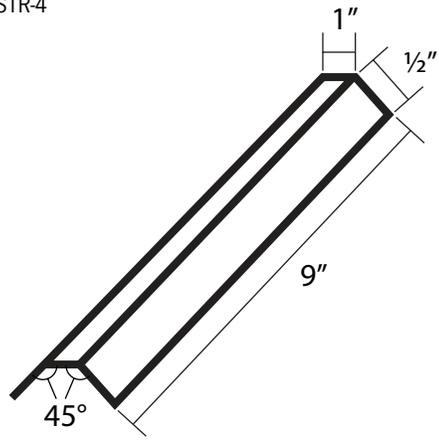
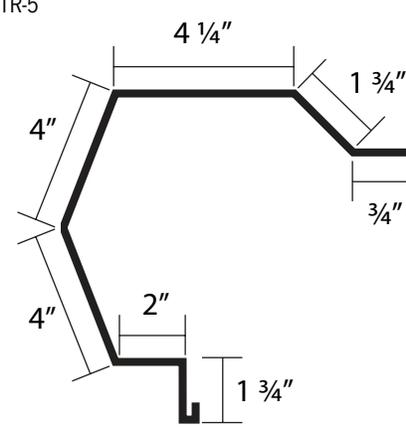
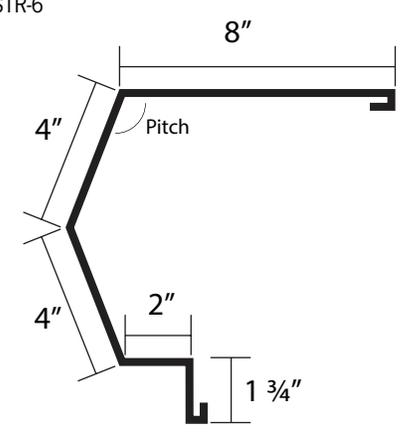
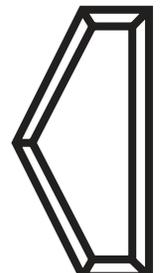
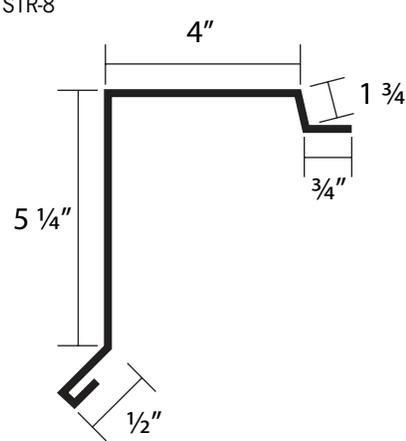
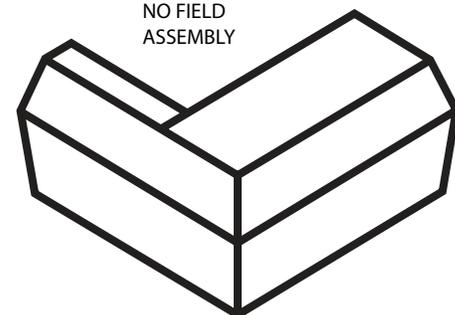


ST Magnetic Sockets are available for powder coated fasteners.

OTHER SIZES ALSO AVAILABLE WITH MINIMUM QUANTITY ORDER. CALL FOR DETAILS.

- NOTES: All strength values shown above are ultimate values, expressed in LBS. Apply an appropriate safety factor to obtain design limits.

"R" Panel Trim

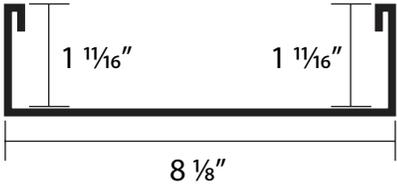
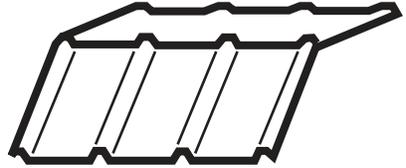
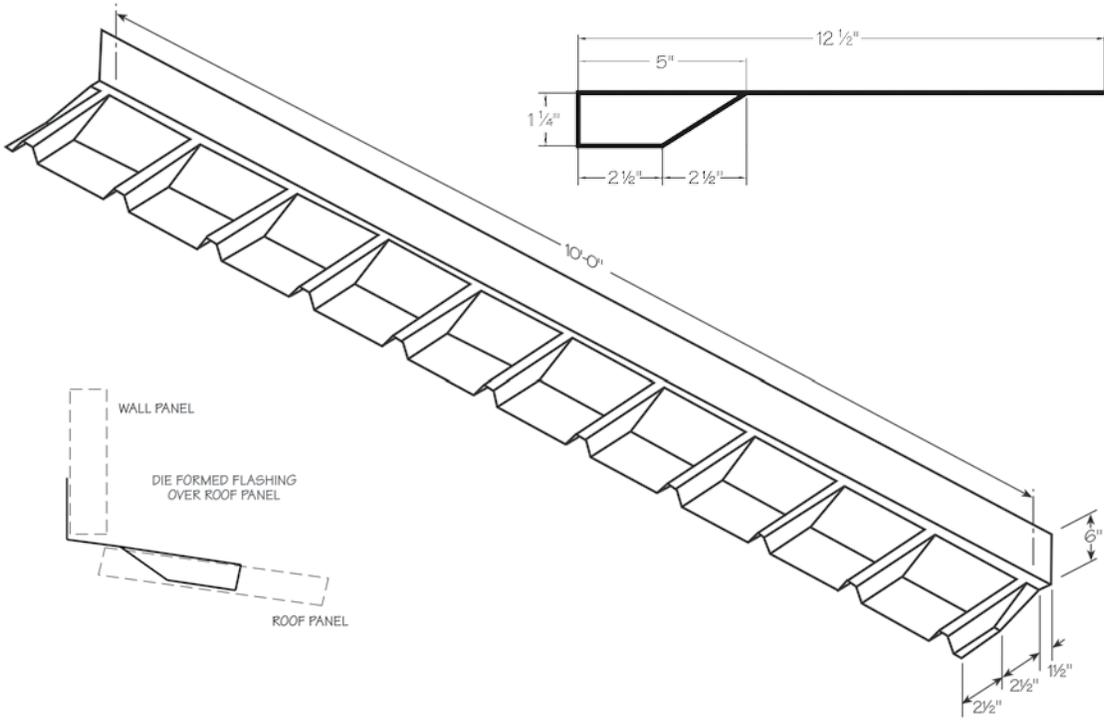
SCULPTURED POST-HUNG GUTTER	SCULPTURED PRE-HUNG GUTTER	SCULPTURED GUTTER END CAP
<p>STR-1</p>  <p>GIRTH = 21 $\frac{1}{4}$" SPECIFY PITCH</p>	<p>STR-2</p>  <p>GIRTH = 23 $\frac{3}{8}$" SPECIFY PITCH</p>	<p>STR-3</p>  <p>TO FIT SCULPTURED GUTTER ONLY</p>
GUTTER SUPPORTS	SCULPTURED RAKE	HIGHSIDE SCULPTURED RAKE
<p>STR-4</p>  <p>45°</p>	<p>STR-5</p>  <p>GIRTH = 19"</p>	<p>STR-6</p>  <p>GIRTH = 20 $\frac{1}{2}$"</p>
SCULPTURED RAKE END CAP	RESIDENTIAL RAKE	SCULPTURED CORNER BOX
<p>STR-7</p>  <p>TO FIT SCULPTURED RAKE</p>	<p>STR-8</p>  <p>GIRTH = 12 $\frac{3}{8}$"</p>	<p>STR-9</p>  <p>1/12 Only NO FIELD ASSEMBLY</p> <p>SPECIFY R/L</p>

"R" Panel Trim



<p>SCULPTURED PEAK BOX</p> <p>STR-10</p> <p>1/12 Min 4/12 Max</p> <p>18"</p> <p>TO FIT SCULPTURED RAKE</p>	<p>OUTSIDE CORNER</p> <p>STR-11</p> <p>3 1/2"</p> <p>3 1/2"</p> <p>1 3/4"</p> <p>1 3/4"</p> <p>3/4"</p> <p>GIRTH = 13"</p>	<p>INSIDE CORNER</p> <p>STR-12</p> <p>3/4"</p> <p>1 3/4"</p> <p>4 1/2"</p> <p>4 1/2"</p> <p>1 3/4"</p> <p>3/4"</p> <p>GIRTH = 15"</p>
<p>HEAD TRIM</p> <p>STR-13</p> <p>1"</p> <p>1 3/8"</p> <p>2 1/8"</p> <p>GIRTH = 5"</p>	<p>JAMB TRIM</p> <p>STR-14</p> <p>1"</p> <p>1 3/8"</p> <p>2 1/8"</p> <p>1/2"</p> <p>GIRTH = 5"</p>	<p>SIDEWALL</p> <p>STR-15</p> <p>4"</p> <p>5"</p> <p>1 3/4"</p> <p>3/4"</p> <p>GIRTH = 12"</p>
<p>BASE TRIM</p> <p>STR-16</p> <p>3 1/8"</p> <p>1 1/2"</p> <p>1/2"</p> <p>GIRTH = 5 5/8"</p>	<p>CORNER PIER CAP (Mini Warehouse)</p> <p>STR-17</p> <p>4 1/8"</p> <p>16"</p> <p>1 3/4"</p> <p>3/4"</p> <p>3 1/2"</p> <p>GIRTH = 26 1/8"</p>	<p>ZEE FLASHING</p> <p>STR-19</p> <p>1 1/2"</p> <p>1 3/4"</p> <p>2"</p> <p>GIRTH = 5 3/4"</p>

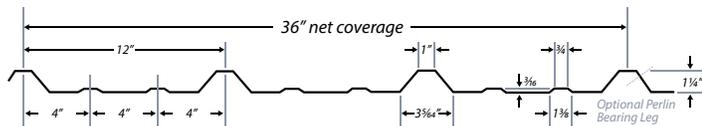
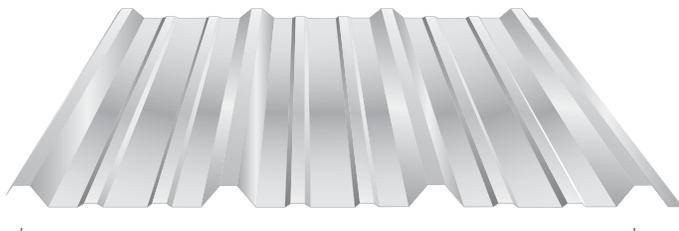
"R" Panel Trim

JAMB HEAD COVER	DIE FORM RIDGE CAP	
<p>STR-20</p>  <p style="text-align: center;">GIRTH = 12 1/2"</p>	<p>STR-21</p>  <p>AVAILABLE 2'6" OR 3'</p> <p>SPECIFY PITCH MAX PITCH = 4:12</p>	
<p>STR-22</p> <p>R-PANEL CONTINUOUS DIE FORMED FLASHING</p> <p>SPECIFY PITCH GALVALUME ONLY 10' ONLY</p>	 <p>WALL PANEL</p> <p>DIE FORMED FLASHING OVER ROOF PANEL</p> <p>ROOF PANEL</p>	
<p>NOTES:</p>		

"R" Panel Info



"R" PANEL ALLOWABLE LOAD (PSF)*																			
		POSITIVE WIND LOAD						LIVE LOAD						DEFLECTION (IN)					
Ga.	KSI	3'	4'	5'	6'	7'	8'	3'	4'	5'	6'	7'	8'	3'	4'	5'	6'	7'	8'
29	80	97	55	35	24	18	14	91	51	32	19	12	*	0.12	0.22	0.33	0.40	0.47	0.53
26	80	150	84	54	37	27	21	133	75	47	27	17	12	0.12	0.22	0.33	0.40	0.47	0.53
26	50	134	75	48	33	25	19	112	63	40	28	18	12	0.10	0.17	0.27	0.39	0.47	0.53
24	80	204	115	74	51	38	29	162	91	58	34	22	14	0.12	0.21	0.33	0.40	0.47	0.53
24	50	178	100	64	45	33	25	136	77	49	34	22	15	0.10	0.17	0.27	0.38	0.47	0.53



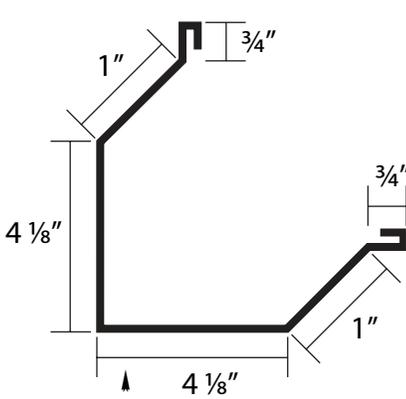
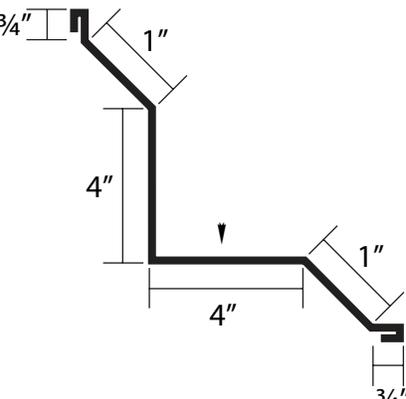
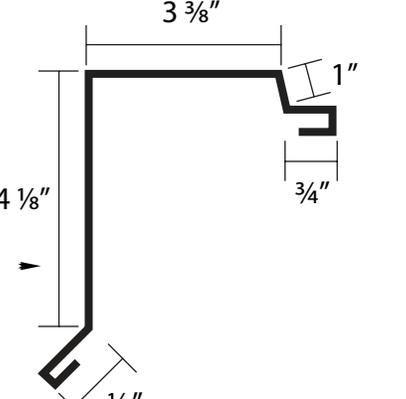
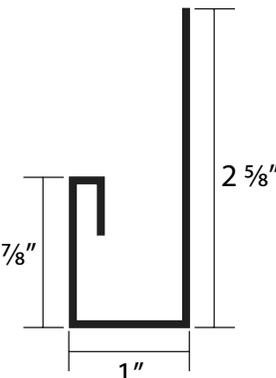
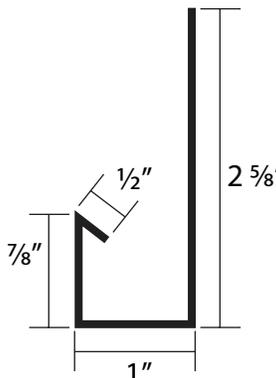
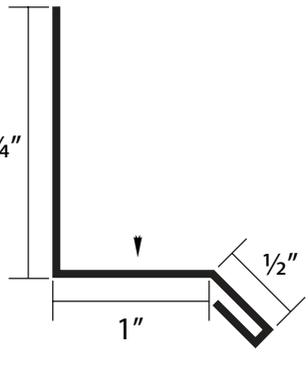
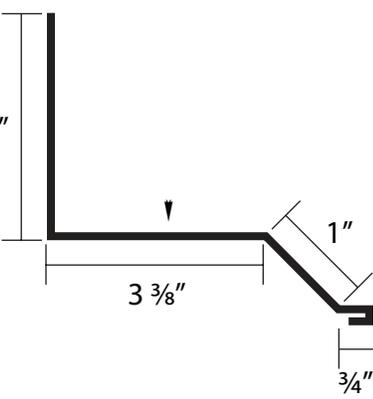
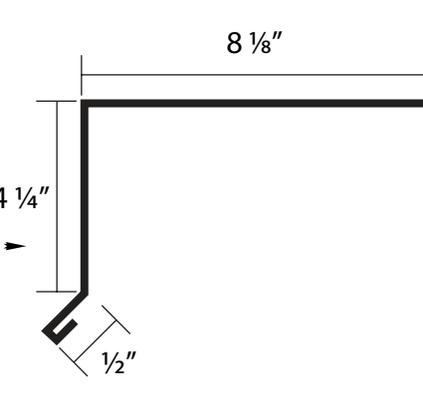
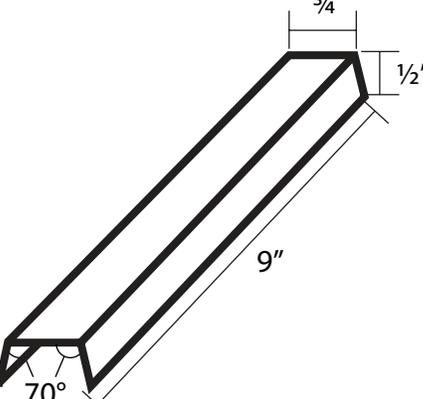
NOTES:

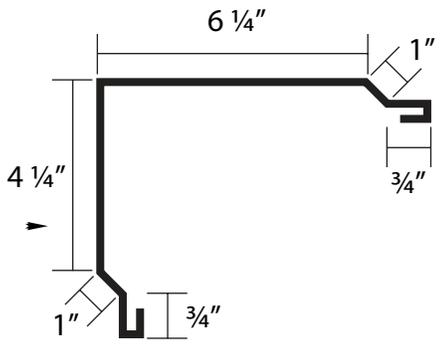
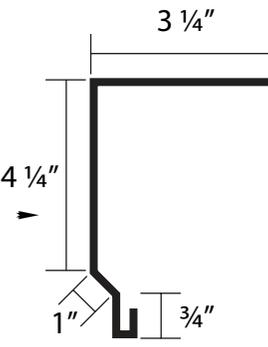
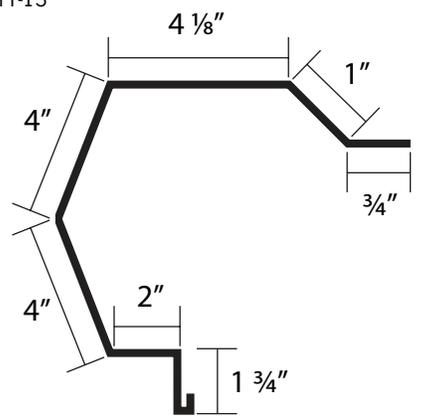
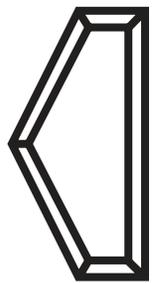
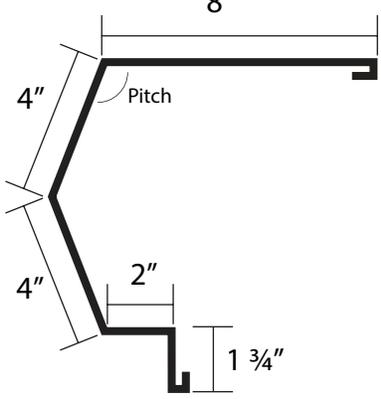
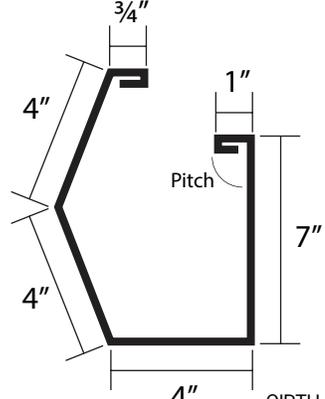
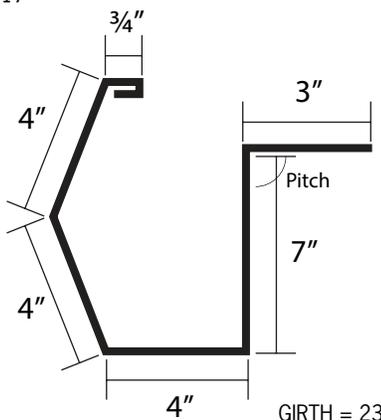
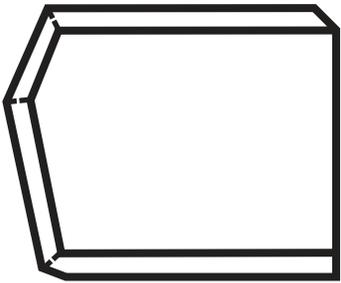
1. Allowable uniform loads are based upon equal span lengths.
2. Positive Wind is wind pressure and is increased by 33 1/3%.
3. Negative Wind is wind suction or uplift and is increased by 33 1/3%.
4. Live is the allowable live or snow load.
5. Deflection (L/180) is the allowable load that limits the panels deflection to L/180.
6. Deflection (L/240) is the allowable load that limits the panels deflection to L/240.
7. The weight of the panel has not been deducted from the allowable loads.
8. Web crippling has not been checked for the allowable loads shown above.

"R" PANEL SECTION PROPERTIES								
			TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
Panel Gauge	Weight PSF	KY KSI	Ix IN.4	Se IN.3	Ma KIP IN.	Ix IN.4	Se IN.3	Ma KIP IN.
29	0.69	80	.0247	.0219	.7883	.0242	.0301	1.082
26	0.88	80	.0371	.0337	1.211	.0349	.0400	1.437
26	0.88	50	.0394	.0362	1.085	.0361	.0405	1.211
24	1.04	80	.0454	.0460	1.654	.0444	.0486	1.746
24	1.04	50	.0474	.0482	1.442	.0457	.0491	1.469

1. Section properties are calculated in accordance with the 1986 Edition of the Cold Formed Steel Design Manual.
 2. Ix is for deflection determination.
 3. Se is for bending.
 4. Ma is the allowable bending moment.
 5. All values are for one foot of panel width.
- * Oil canning is a natural occurrence in metal and is not cause for panel rejection.

Tex-Rib Trim

OUTSIDE CORNER	INSIDE CORNER	RESIDENTIAL RAKE
<p>STT-1</p>  <p>GIRTH = 12 3/4"</p>	<p>STT-2</p>  <p>GIRTH = 12 1/2"</p>	<p>STT-3</p>  <p>GIRTH = 10 3/4"</p>
HEAD TRIM	JAMB TRIM	BASE TRIM
<p>STT-4</p>  <p>GIRTH = 5"</p>	<p>STT-5</p>  <p>GIRTH = 5"</p>	<p>STT-6</p>  <p>GIRTH = 4 1/4"</p>
SIDE WALL TIE IN	HIGHSIDE TRIM	GUTTER SUPPORTS
<p>STT-7</p>  <p>GIRTH = 9 5/8"</p>	<p>STT-8</p>  <p>GIRTH = 13 3/4"</p>	<p>STT-9</p>  <p>70°</p>

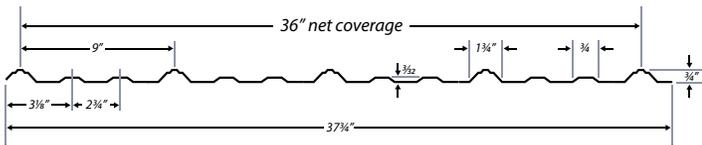
<p>RAKE & GABLE TRIM</p> <p>STT-10</p>  <p>GIRTH = 15"</p>	<p>SHINGLE RAKE TRIM</p> <p>STT-11</p>  <p>GIRTH = 9 3/4"</p>	<p>SCULPTURED RAKE</p> <p>STT-13</p>  <p>GIRTH = 18 1/8"</p>
<p>SCULPTURED RAKE END CAP</p> <p>STT-14</p>  <p>TO FIT SCULPTURED RAKE</p>	<p>HIGHSIDE SCULPTURED RAKE</p> <p>STT-15</p>  <p>GIRTH = 20 1/2"</p>	<p>SCULPTURED POST-HUNG GUTTER</p> <p>STT-16</p>  <p>GIRTH = 21 3/4" SPECIFY PITCH</p>
<p>SCULPTURED PRE-HUNG GUTTER</p> <p>STT-17</p>  <p>GIRTH = 23 1/4" SPECIFY PITCH</p>	<p>GUTTER END CAP</p> <p>STT-18</p>  <p>TO FIT SCULPTURED GUTTER ONLY</p>	

Tex-Rib Info



TEX-RIB ALLOWABLE LOAD (PSF)*

		POSITIVE WIND LOAD						LIVE LOAD						DEFLECTION (IN)					
Ga.	KSI	2'	2.5'	3'	4'	5'	6'	2'	2.5'	3'	4'	5'	6'	2'	2.5'	3'	4'	5'	6'
29	80	158	101	70	36	19	11	118	76	53	27	14	8	0.11	0.17	0.24	0.40	0.50	0.60
26	80	206	132	92	48	25	14	155	99	69	36	18	11	0.11	0.17	0.24	0.40	0.50	0.60
26	50	134	86	59	33	21	15	100	64	45	25	16	11	0.07	0.11	0.15	0.27	0.42	0.60
24	80	263	168	117	61	31	18	197	126	88	46	23	14	0.11	0.17	0.24	0.40	0.50	0.60
24	50	170	109	76	43	27	19	128	82	57	32	20	14	0.07	0.10	0.15	0.27	0.42	0.60



NOTES:

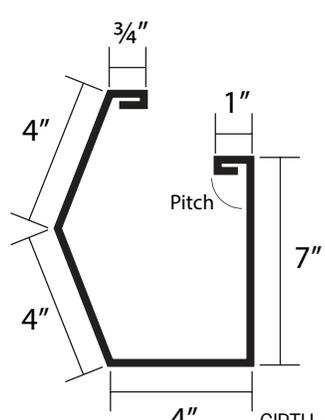
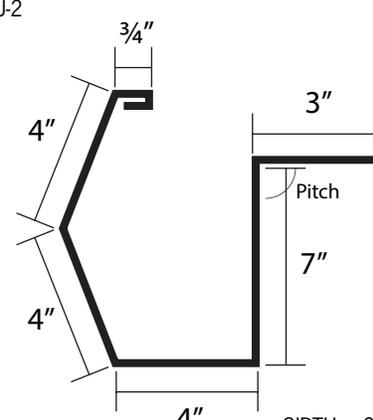
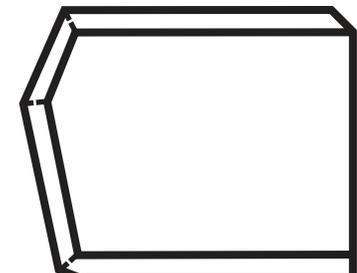
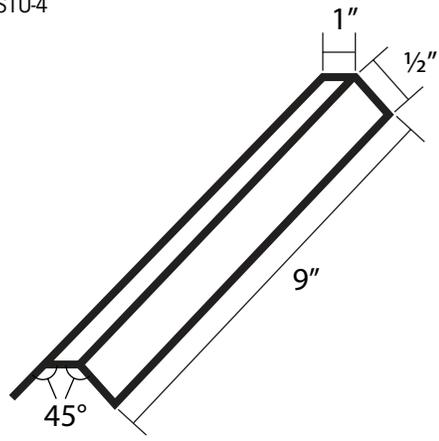
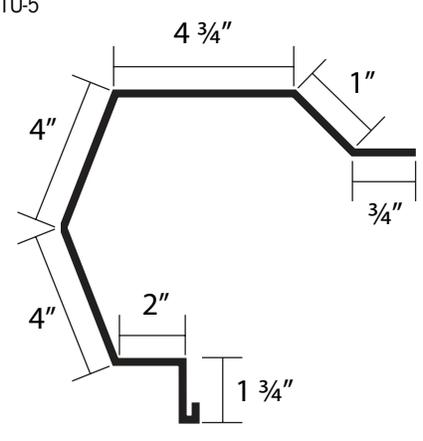
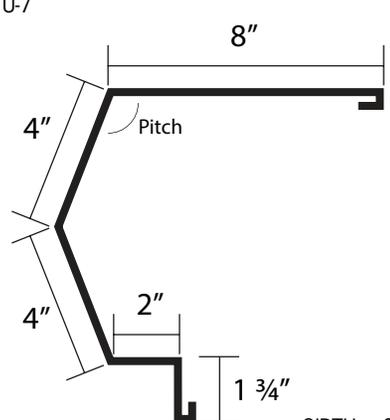
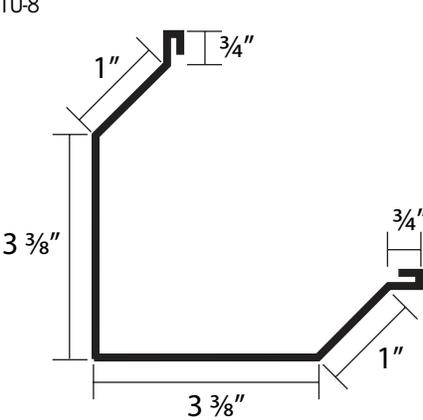
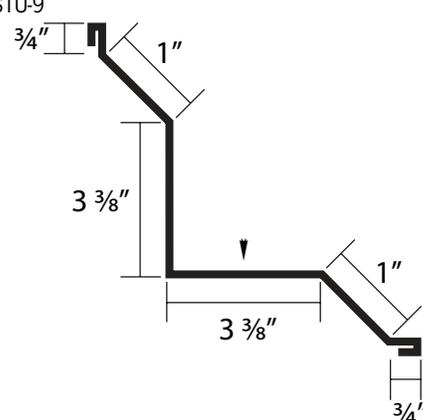
1. Allowable uniform loads are based upon 3 equal span lengths.
2. Positive Wind is wind pressure and is increased by 33 1/3%.
3. Live is the allowable live or snow load.
4. Deflection is actual deflection when loaded with the corresponding live load.
5. The weight of the panel has not been deducted from the allowable loads.
6. Web crippling has not been checked for the allowable loads shown above.

TEX-RIB SECTION PROPERTIES

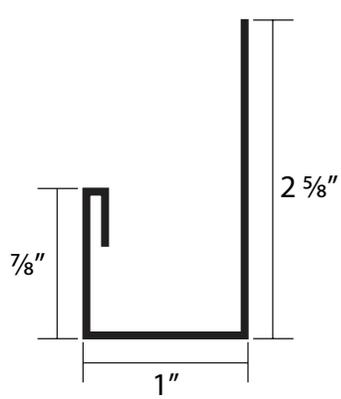
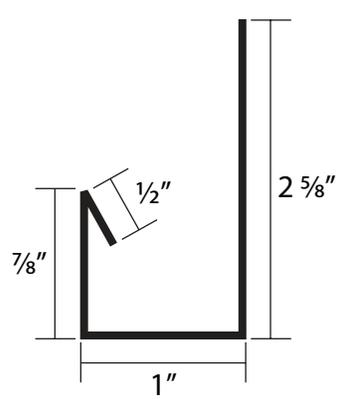
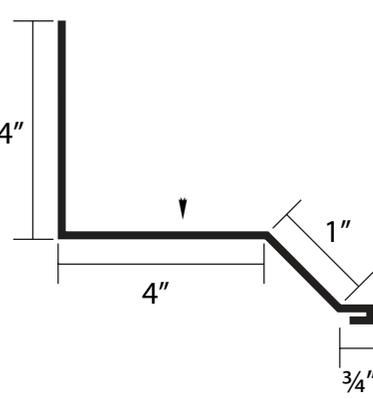
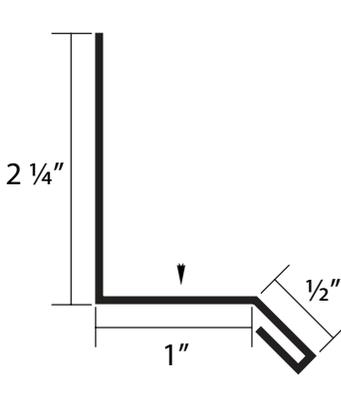
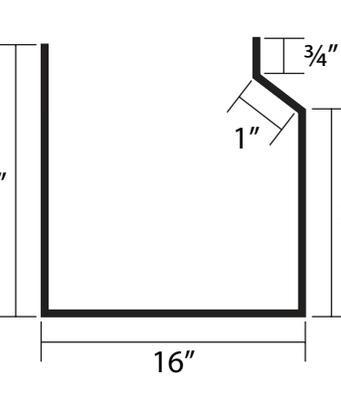
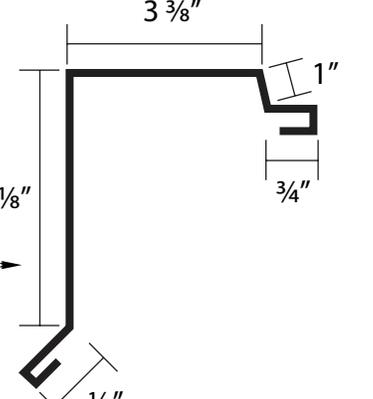
			TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
Panel Gauge	Weight PSF	KY KSI	I _x IN.4	S _e IN.3	Ma KIP IN.	I _x IN.4	S _e IN.3	Ma KIP IN.
29	0.71	80	.0091	.0134	0.670	.0050	.0119	0.568
26	0.90	80	.0117	.0188	0.901	.0069	.0155	0.743
26	0.90	50	.0117	.0188	0.563	.0076	.0161	0.482
24	1.12	80	.0143	.0231	1.108	.0093	.0197	0.946
24	1.12	50	.0143	.0231	0.692	.0103	.0205	0.614

The Tex-Rib profile is one of the most well-suited designs for both commercial and industrial use. It has also shown tremendous growth in popularity as a residential roofing panel.

* Oil canning is a natural occurrence in metal and is not cause for panel rejection.

SCULPTURED POST-HUNG GUTTER	SCULPTURED PRE-HUNG GUTTER	GUTTER END CAP
<p>STU-1</p>  <p>GIRTH = 21 ³/₄" SPECIFY PITCH</p>	<p>STU-2</p>  <p>GIRTH = 23 ¹/₄" SPECIFY PITCH</p>	<p>STU-3</p>  <p>TO FIT SCULPTURED GUTTER ONLY</p>
GUTTER SUPPORTS	SCULPTURED RAKE	SCULPTURED RAKE END CAP
<p>STU-4</p> 	<p>STU-5</p>  <p>GIRTH = 18 ³/₄"</p>	<p>STU-6</p>  <p>TO FIT SCULPTURED RAKE</p>
HIGHSIDE SCULPTURED RAKE	OUTSIDE CORNER	INSIDE CORNER
<p>STU-7</p>  <p>GIRTH = 20 ³/₈" SPECIFY PITCH</p>	<p>STU-8</p>  <p>GIRTH = 11 ¹/₄"</p>	<p>STU-9</p>  <p>GIRTH = 11 ¹/₄"</p>

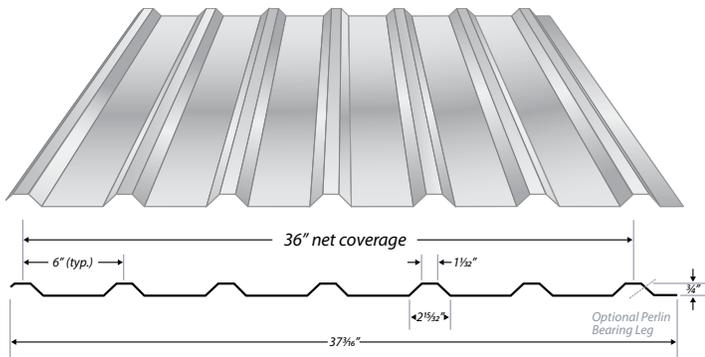
"U" Panel Trim

HEAD TRIM	JAMB TRIM	SIDE WALL
<p>STU-10</p>  <p>GIRTH = 5"</p>	<p>STU-11</p>  <p>GIRTH = 5"</p>	<p>STU-12</p>  <p>GIRTH = 10 1/4"</p>
BASE TRIM	CORNER PIER CAP (Mini Warehouse)	RESIDENTIAL RAKE
<p>STU-13</p>  <p>GIRTH = 4 1/4"</p>	<p>STU-14</p>  <p>GIRTH = 25 3/8"</p>	<p>STU-15</p>  <p>GIRTH = 10 3/4"</p>

"U" Panel Info



		"U" PANEL ALLOWABLE LOAD (PSF)*															
		SPAN IN FEET															
SPAN TYPE	LOAD TYPE	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'	5.5'	6'	6.5'	7'	7.5'	8'	8.5'	9'
Single	Positive Wind	386	217	139	96	70	54	42	34	28	24	20	17	15	13	12	10
	Negative Wind	329	185	118	82	60	46	36	29	24	20	17	15	13	11	10	9
	Live	386	217	139	96	70	54	42	34	28	24	20	17	15	13	12	10
	Deflection (L/180)	492	207	106	61	38	25	18	13	9	7	6	4	3	3	2	2
	Deflection (L/240)	369	155	79	46	29	19	13	9	7	5	4	3	2	2	2	1
2 Span	Positive Wind	315	180	116	81	60	46	36	29	24	20	17	15	13	11	10	9
	Negative Wind	364	210	136	95	70	53	42	34	28	24	20	17	15	13	12	10
	Live	315	180	116	81	60	46	36	29	24	20	17	15	13	11	10	9
	Deflection (L/180)	998	421	215	124	78	52	36	26	20	15	12	9	7	6	5	4
	Deflection (L/240)	748	315	161	93	58	39	27	20	15	11	9	7	5	4	4	3
3 Span	Positive Wind	387	223	144	101	74	57	45	36	30	25	21	18	16	14	12	11
	Negative Wind	444	258	168	118	87	67	53	43	35	30	25	22	19	16	15	13
	Live	387	223	144	101	74	57	45	36	30	25	21	18	16	14	12	11
	Deflection (L/180)	781	329	168	97	61	41	28	21	15	12	9	7	6	5	4	3
	Deflection (L/240)	586	247	126	73	46	30	21	15	11	9	7	5	4	3	3	2
4 Span	Positive Wind	363	209	135	94	69	53	42	34	28	23	20	17	15	13	11	10
	Negative Wind	418	242	157	110	81	62	49	40	33	28	23	20	17	15	14	12
	Live	363	209	135	94	69	53	42	34	28	23	20	17	15	13	11	10
	Deflection (L/180)	830	350	179	103	65	43	30	22	16	12	10	8	6	5	4	3
	Deflection (L/240)	622	262	134	77	49	32	23	16	12	9	7	6	4	4	3	2



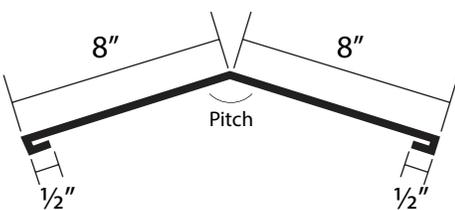
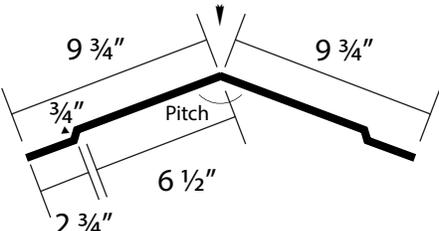
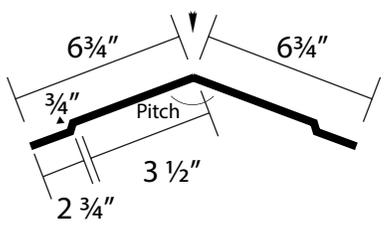
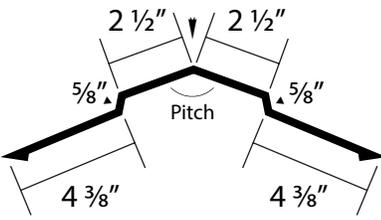
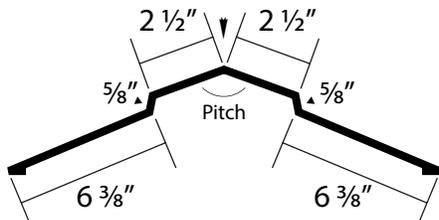
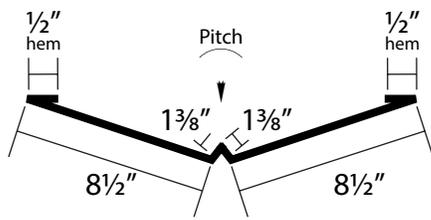
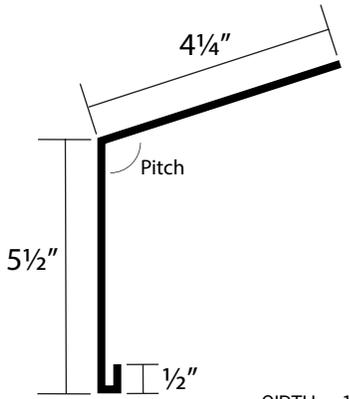
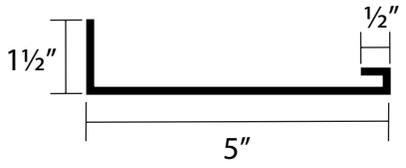
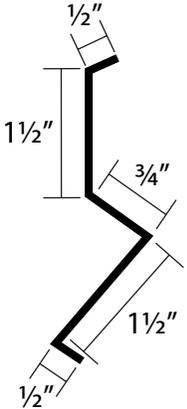
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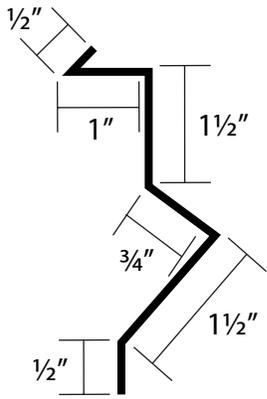
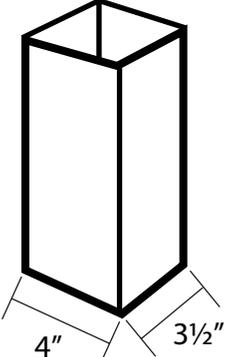
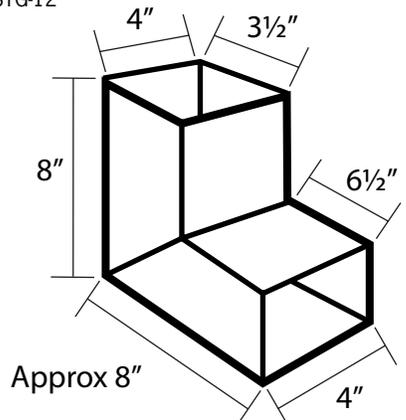
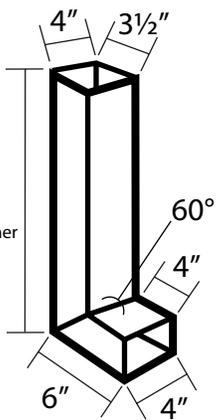
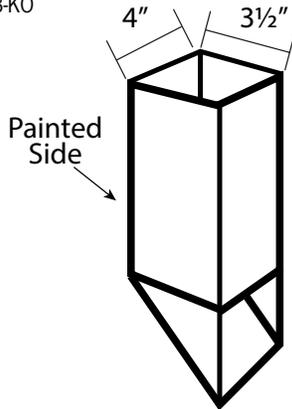
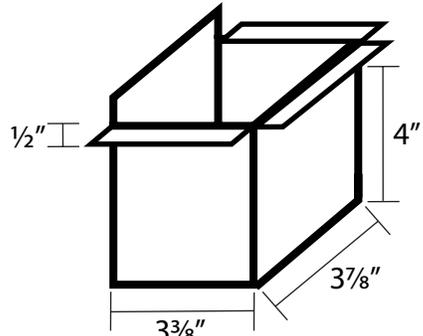
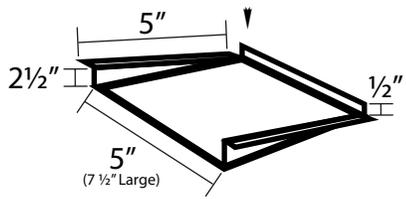
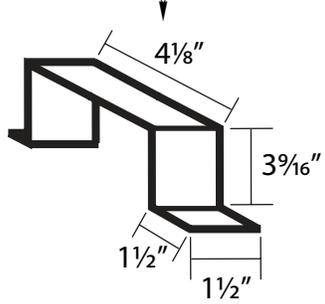
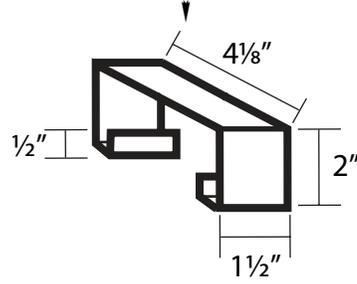
1. Allowable uniform loads are based upon equal span lengths.
2. Positive Wind is wind pressure and is not increased by 33 1/3%.
3. Negative Wind is wind suction or uplift and is not increased by 33 1/3%.
4. Live is the allowable live or snow load.
5. Deflection (L/180) is the allowable load that limits the panels deflection to L/180.
6. Deflection (L/240) is the allowable load that limits the panels deflection to L/240.
7. The weight of the panel has not been deducted from the allowable loads.
8. Positive Wind, Negative Wind, and Live Load values are limited to combined shear & bending using Eq. C3.3.1-1 of the AISI Specification.
9. Positive Wind and Live Load values are limited by web crippling using a bearing length of 2".
10. Web crippling values are determined using a ratio of the uniform load actually supported by the top flanges of the section.

1. Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
 2. Ix is for deflection determination.
 3. Se is for bending.
 4. Ma is the allowable bending moment.
 5. All values are for one foot of panel width.
- * Oil canning is a natural occurrence in metal & is not cause for panel rejection.

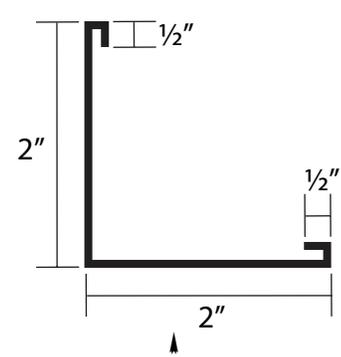
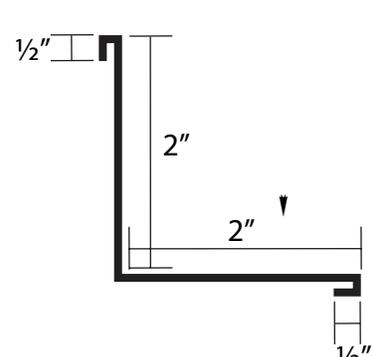
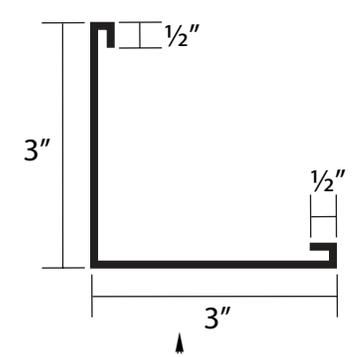
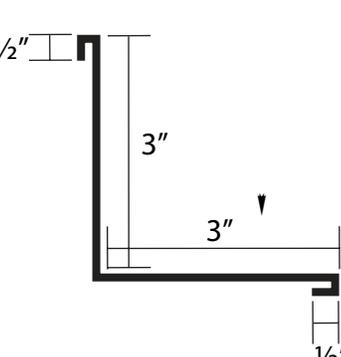
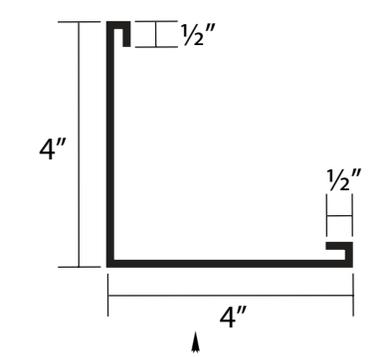
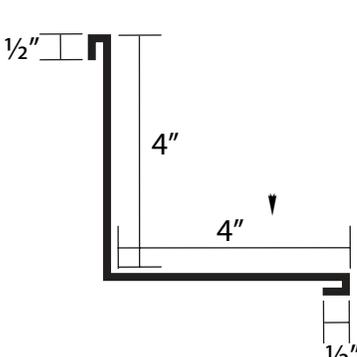
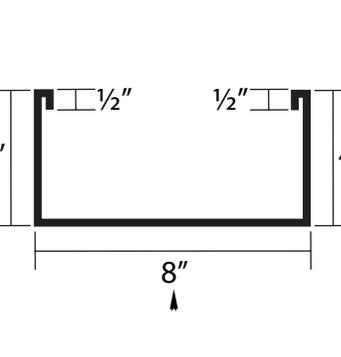
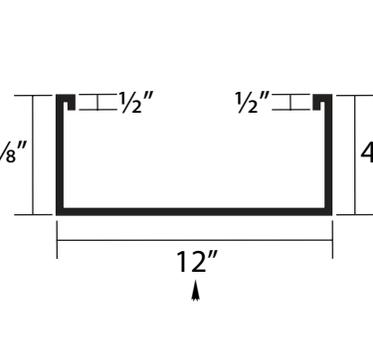
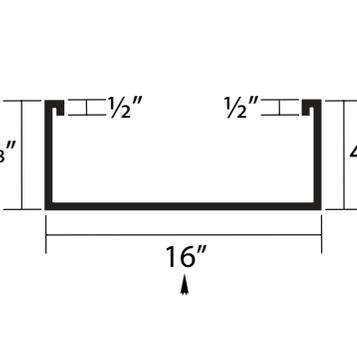
"U" PANEL SECTION PROPERTIES								
			TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
Panel Gauge	Weight PSF	KY KSI	Ix IN.4	Se IN.3	Ma KIP IN.	Ix IN.4	Se IN.3	Ma KIP IN.
26	0.87	80	.0190	.0363	1.3043	.0130	.0310	1.1130

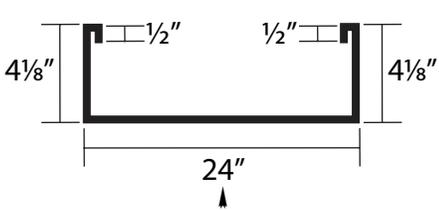
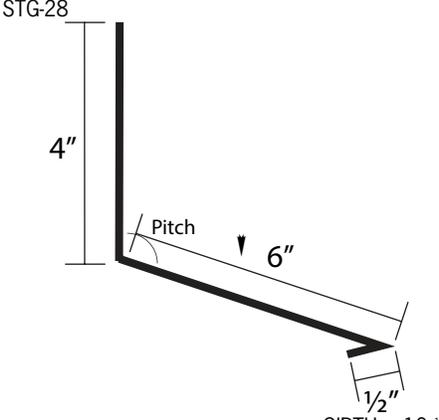
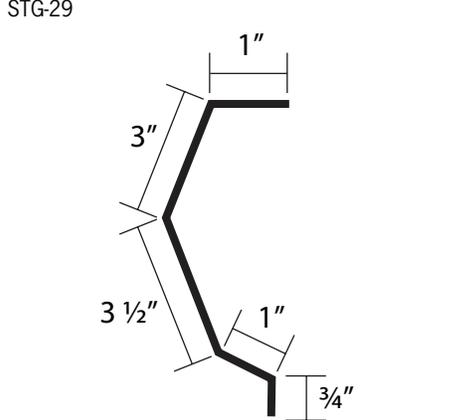
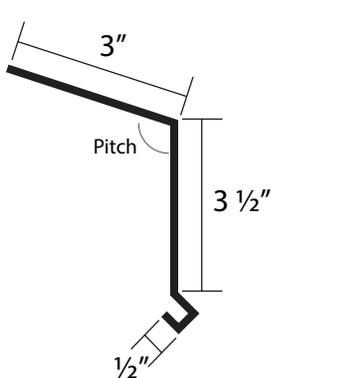
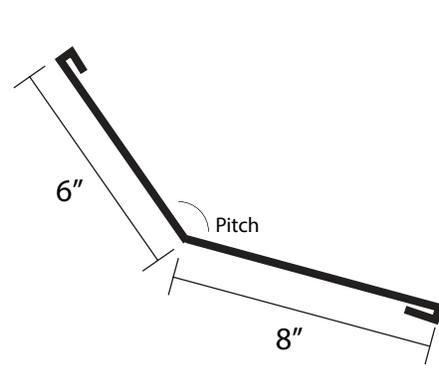
General Trim

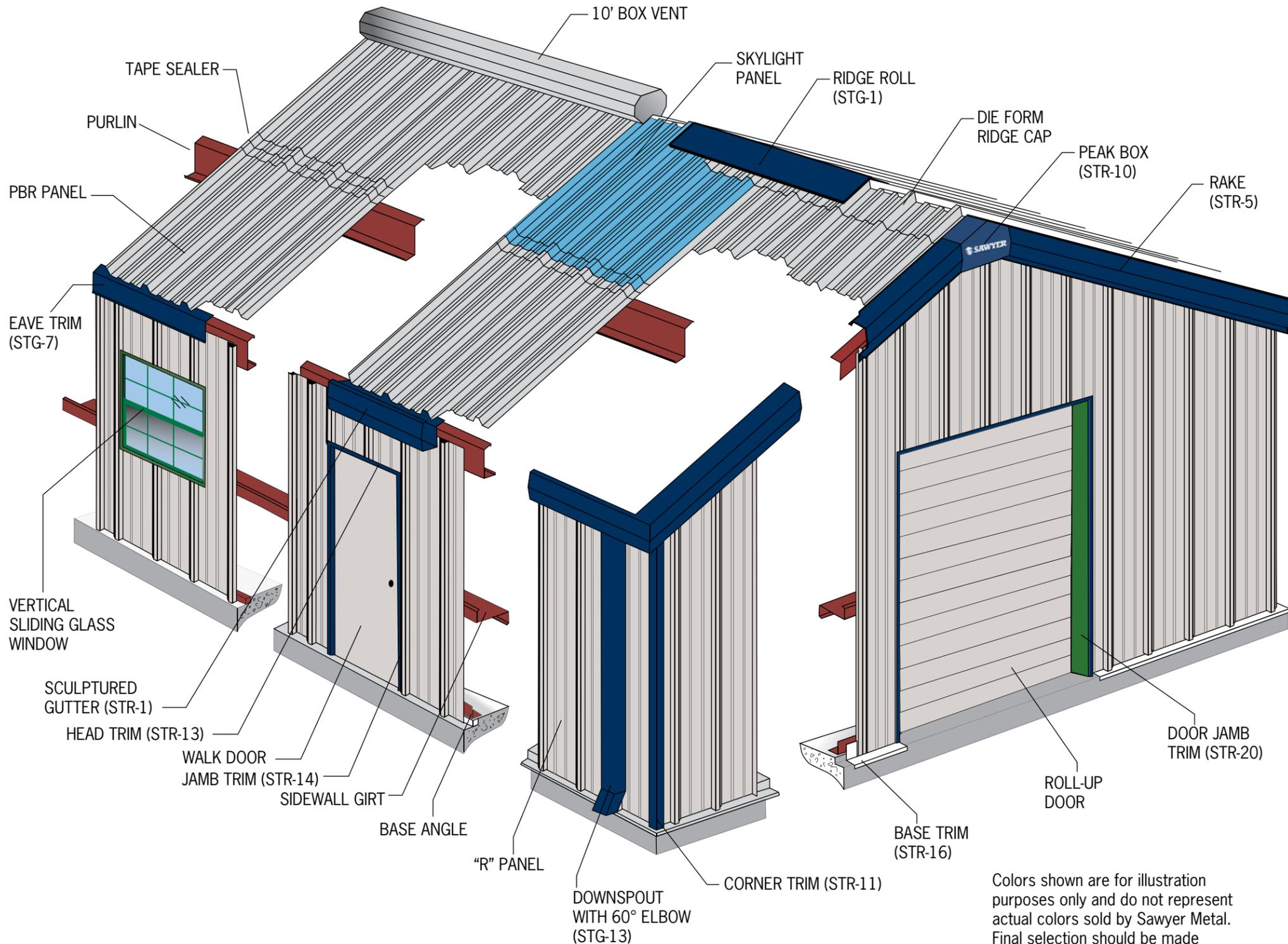
FLAT RIDGE ROLL	SCULPTURED 20" RIDGE ROLL	SCULPTURED 14" RIDGE ROLL
<p>STG-1</p>  <p>GIRTH = 17" SPECIFY PITCH</p>	<p>STG-2</p>  <p>GIRTH = 20" SPECIFY PITCH</p>	<p>STG-3</p>  <p>GIRTH = 14" SPECIFY PITCH</p>
RIDGE ROLL RESIDENTIAL	RIDGE ROLL METAL BUILDING	VALLEY FLASHING
<p>STG-4</p>  <p>GIRTH = 16" SPECIFY PITCH</p>	<p>STG-5</p>  <p>GIRTH = 20" SPECIFY PITCH</p>	<p>STG-6</p>  <p>GIRTH = 20 7/8" SPECIFY DEGREES OF ANGLE IN VALLEY</p>
SIMPLE EAVE	SIMPLE REGLET	SCULPTURED REGLET
<p>STG-7</p>  <p>GIRTH = 10 1/4" SPECIFY PITCH</p>	<p>STG-8</p>  <p>GIRTH = 7"</p>	<p>STG-9</p>  <p>GIRTH = 4 3/4"</p>

<p>SAW-CUT REGLET</p> <p>STG-10</p>  <p>GIRTH = 5 3/4"</p>	<p>DOWN SPOUT</p> <p>STG-11</p>  <p>GIRTH = 16 3/8"</p>	<p>DOWN SPOUT ELBOW</p> <p>STG-12</p>  <p>Approx 8"</p> <p>GIRTH = 16 3/8"</p>
<p>DOWN SPOUT WITH 60° ELBOW</p> <p>STG-13</p>  <p>Downspout measured from top to bottom corner of elbow</p> <p>GIRTH = 16 3/8" LENGTH DOES NOT INCLUDE ELBOW</p>	<p>DOWN SPOUT WITH KICKOUT</p> <p>STG-13-KO</p>  <p>Painted Side</p> <p>GIRTH = 16 3/8"</p>	<p>DOWN SPOUT SLEEVE</p> <p>STG-14</p>  <p>GIRTH = 15"</p>
<p>SCUPPER</p> <p>STG-15</p>  <p>5" (7 1/2" Large)</p>	<p>OUTSIDE DOWN SPOUT STRAP</p> <p>STG-16</p>  <p>GIRTH = 13 1/4"</p>	<p>INSIDE DOWN SPOUT STRAP</p> <p>STG-17</p>  <p>GIRTH = 9 1/8"</p>

General Trim

2" OUTSIDE ANGLE	2" INSIDE ANGLE	3" OUTSIDE ANGLE
<p>STG-18</p>  <p>GIRTH = 5"</p>	<p>STG-19</p>  <p>GIRTH = 5"</p>	<p>STG-20</p>  <p>GIRTH = 7"</p>
3" INSIDE ANGLE	4" OUTSIDE ANGLE	4" INSIDE ANGLE
<p>STG-21</p>  <p>GIRTH = 7"</p>	<p>STG-22</p>  <p>GIRTH = 9"</p>	<p>STG-23</p>  <p>GIRTH = 9"</p>
8" PIER CAP	12" PIER CAP	16" PIER CAP
<p>STG-24</p>  <p>GIRTH = 17 1/4"</p>	<p>STG-25</p>  <p>GIRTH = 21 1/4"</p>	<p>STG-26</p>  <p>GIRTH = 25 1/4"</p>

24" PIER CAP	END WALL TRIM	SCULPTURED EAVE
<p>STG-27</p>  <p>GIRTH = 33 1/4"</p>	<p>STG-28</p>  <p>GIRTH = 10 1/2" SPECIFY PITCH</p>	<p>STG-29</p>  <p>GIRTH = 9 1/4"</p>
RESIDENTIAL EAVE	TRANSITION	
<p>STG-30</p>  <p>GIRTH = 7 1/2" SPECIFY PITCH</p>	<p>STG-31</p>  <p>GIRTH = 15" SPECIFY PITCH</p>	



Colors shown are for illustration purposes only and do not represent actual colors sold by Sawyer Metal. Final selection should be made from color chips.

Glossary

Anchor Bolt Plan

A plan view drawing showing the diameter, location, and projection of all anchor bolts for the components of the Metal Building System and may show column reactions (magnitude and direction). The maximum base plate dimensions may also be shown.

Approval Drawings

A set of drawings that may include framing plans, elevations, and sections through the building for approval by the builder.

Base Angle

An angle secured to a wall or foundation used to attach the bottom of the wall paneling.

Bay

The space between frame center lines or primary supporting members in the longitudinal direction of the building.

Beam and Column

A structural system consisting of a series of rafter beams supported by columns. Often used as the end frame of a building.

Bracing

Rods, angles, or cables used in the plane of the roof and walls to transfer loads, such as wind, seismic and crane thrusts to the foundation.

Building Code

Regulations established by a recognized agency describing design loads, procedures and construction details for structures usually applying to a designated political jurisdiction (city, county, state, etc.).

Built-Up Section

A structural member, usually an "I" shaped section, made from individual flat plates welded together.

Cee Section

A member in the shape of a block "C" formed from steel sheet, that may be used either singularly or back to back.

Closure Strip

A strip, formed to the contour of ribbed panels and used to close openings created by ribbed panels joining other components, either made of resilient material or metal.

Eave

The line along the sidewall formed by the intersection of the planes of the roof and wall.

Framed Opening

Framing members and flashing which surround an opening.

Gable

The triangular portion of the endwall from the level of the eave to the ridge of the roof.

Loads...

- **Auxiliary Loads** All specified dynamic live loads other than the basic design loads which the building must safely withstand, such as cranes, material handling systems, machinery, elevators, vehicles, and impact loads.
- **Collateral Loads** The weight of additional permanent materials required by the contract, other than the Building System, such as sprinklers, mechanical and electrical systems, partitions and ceilings.
- **Dead Loads** The dead load of a building is the weight of all permanent construction, such as floor, roof, framing, and covering members.
- **Design Loads** Those loads specified in building codes published by Federal, State, County, or City agencies, or in owner's specifications to be used in the design of a building.
- **Live Loads** Loads that are produced (1) during maintenance by workers, equipment, and materials, and (2) during the life of the structure by movable objects and do not include wind, snow, seismic, or dead loads.

Main Frame

An assemblage of rafters and columns that support the secondary framing members and transfer loads directly to the foundation.

Purlin

A horizontal structural member that supports roof coverings and carries loads to the primary framing members.

Rake

The intersection of the plane of the roof and the plane of the endwall.

Ridge

The horizontal line formed by opposing sloping sides of a roof running parallel with the building length.

Self-Drilling Screw

A fastener that combines the function of drilling and tapping.

Self-Tapping Screw

A fastener that taps its own threads in a predrilled hole.

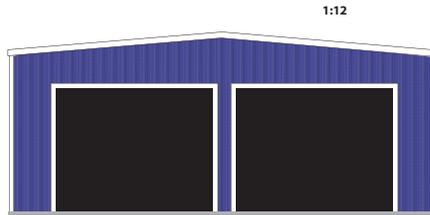
Ventilator

A roof mounted accessory, which allows the air to pass through.

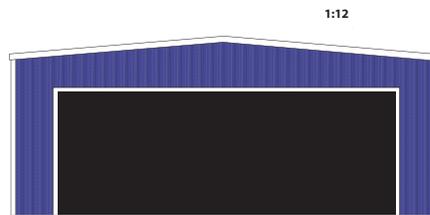
Zee Section

A member cold formed from steel sheet in the approximate shape of a "Z".

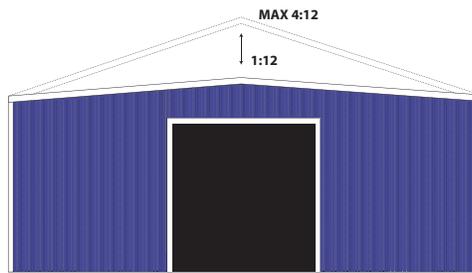
Metal Building Kits



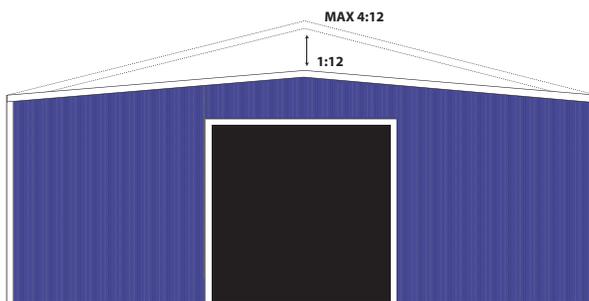
- Two-Door Garage - 24' x 24' x 10'**
- Two 9' x 7' framed openings in end wall
 - 1:12 roof pitch
 - 26-gauge Galvalume Plus® roof
 - 26-gauge SMP walls



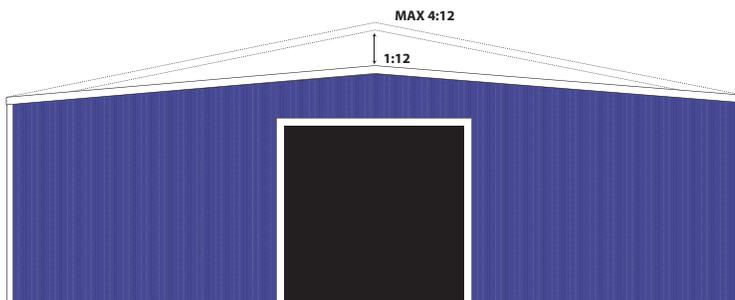
- Garage Workshop - 24' x 36' x 10'**
- One 16' x 8' framed opening in end wall
 - 1:12 roof pitch
 - 26-gauge Galvalume Plus® roof
 - 26-gauge SMP walls



- Sawyer Metal XL - 30' x 40' x 12'**
- Choice of 1:12 thru 4:12 roof pitch
 - 10' x 10' framed opening in each end wall
 - 26-gauge Galvalume Plus® roof
 - 26-gauge SMP walls



- Sawyer Metal XXL - 'The JACK' - 40' x 50' x 14'**
- Choice of 1:12 thru 4:12 roof pitch
 - 12' x 12' framed opening in each end wall
 - 26-gauge Galvalume Plus® roof
 - 26-gauge SMP walls



- Sawyer Metal XXXL - 50' x 100' x 14'**
- Choice of 1:12 thru 4:12 roof pitch
 - 12' x 12' framed opening in each end wall
 - 26-gauge Galvalume Plus® roof
 - 26-gauge SMP walls

All Metal Building Kits Include:

- Bolt-together frame
- “R” panels on roof and walls
- 25-Year Limited Warranty on Galvalume Plus® panels
- 40-Year Limited Warranty on SMP painted panels
- Available in all standard colors
- Complete trim package (Does not include gutter and downspouts, unless specified)
- All screws, closures, bolts and sealant tape as necessary
- Erection drawings
- * Anchor bolts not supplied

CUSTOM SIZES ALSO AVAILABLE

OPTIONAL “ECONOMY” PAINT PANELS ALSO AVAILABLE IN SELECT COLORS

OPTIONAL ADD-ONS

Walk Doors • Windows • Ridge Vents
Light Panels • Insulation

MINI STORAGE BUILDING SYSTEMS

Top quality, affordable, self-storage building systems.

26 GA Roof and Wall Panels
Galvalume Roof - 25 YR
SMP Walls - 40 YR (Sawyer Standard Colors)
Red Oxide Structural Framing
Sculptured Trim Package

Doors

PREMIUM QUALITY WALK DOORS

3'0" x 7'0" • 4'0" x 7'0" • 6'0" x 7'0"

- Galvanized Doors and Frames
- Insulated Door Cores
- Textured Steel Door Faces
- Completely Reversible (non-handed door systems)
- White and Bronze Colors
- Frame Profiles for Various Girt Sizes
- Full Line of Hardware Items
- Flexible Program Design

(NOTE: Door only. Frame and hardware not included)



FRAME KITS

Sawyer Metal frame kits come with frame, threshold and assembly bolts. (The 6'0" x 7'0" width comes with astragal and head and foot bolts.) Our Premium Package includes weatherstrip with 6 1/4" and 8 1/4" as standard. (Weatherstrip is not included with 4 1/4".)



Skylight Panels

SunSky® Polycarbonate Panels

High performance glazing that stands up to punishing exterior applications, SunSky® Corrugated Polycarbonate Panels offer multiple advantages over traditional fiberglass corrugated panels: up to 20 times greater impact resistance, the highest light transmission rates, the lowest yellowing index, the highest load rating, and the highest resistance to wind uplift - outstanding properties confirmed in accredited laboratory testing and in installations worldwide since 1984.

- Virtually Unbreakable • Will Not Yellow • 10-Year Warranty
- Class A Fire Resistance Rating • Can Install Over Existing Metal Roofs
- Retains Optical Clarity (Far better than other glazing material)
- Wide Temperature Range (270°F to -40°F) • Easily and Safely Installed
- Hail and Wind Resistant • 100% UV Protection

SunSky® retains its impact properties over a wide temperature range while meeting building code requirements. SunSky® panels form a complete shield against harmful UV rays while admitting most of the visible light and preventing heat loss at night.



*Custom lengths available with minimum quantity order



- **Reduces Heat Loss**
- **Acts as a Moisture Barrier**
- **Reduces Noise**

3" VR-R Stock
R-10
6x100 • 6x120
 Custom Lengths Available

Formaldehyde-free Fiberglass Insulation

Why JM Formaldehyde-free™ Insulation is Specified More Than Any Other Brand

- Only Johns Manville offers a complete line of Formaldehyde-free™ fiberglass building insulation, providing better indoor air quality.
- Outstanding thermal and acoustical performance
- Healthy, safer buildings
- Contains more certified post-consumer recycled glass than other fiberglass insulation.
- Helps maximize LEED® credits

The Solution For Responsible Building

There is growing concern over formaldehyde. Increasingly, state and federal health and environmental agencies as well as architects and sustainable building designers are recommending that exposure to formaldehyde be reduced. In fact, in its comments to the USGBC's LEED-NC v2.2, US EPA recommended that exposure to formaldehyde be minimized as much as possible. This is especially true in healthcare, education, residential and office settings. According to the US EPA and the California EPA, one important reason to minimize formaldehyde exposure is because formaldehyde is recognized by the International Agency for Research on Cancer as Group 1 - known to cause cancer. California EPA has also determined that formaldehyde is a toxic air contaminant often found indoors at levels in excess of health-based guidelines and recommendations.



To promote the health of building occupants, particularly in healthcare, educational, residential and office situations, one obvious way to help minimize formaldehyde exposure is to use JM Formaldehyde-free™ fiberglass insulations to eliminate one source.



Microlite® "L" Insulation

Reinforced White Faced Insulation
 UL Approved
 Available in rolls, or can be pre-cut to fit building specs

Double-Face Tape

Patch Tape

Features:

- Meets ASTM Specification C991, Types I (Type II when faced), E136 (wool only) and NAIMA Standard 202-96 (Rev. 2000), and E84
- Meets FHC 25/50
- Reduces traditional fiberglass irritation & dust
- Features 3" R10
- Precut to order per building dimensions
- Perm rating of .02
- Bursting strength of 100 psi
- Certified "R" Value

ArmorFlect™
 Reflective Insulation

ArmorFlect is a reflective insulation comprised of a 1/2" fiberglass core bonded to a durable reinforced scrim facing, either white or 99% pure aluminum, which results in one of the most energy efficient products on the market today.

Available Sizes
 Facings: White/Foil or Foil/Foil
 Widths: 48" or 72"
 Lengths: 100'
 Thickness: 1/2"

White/Foil

Foil/Foil

Accessories



RoofjackSQ™

- Manufactured from EPDM or silicone rubber, ROOFJACK is compounded for maximum resistance to ozone, UV light, & temperature extremes.
- Flexible aluminum base will allow the flashing to conform to any metal roof configuration. Pipe location can be centered in the flat of the panel or the rib. Urethane sealant & selfdrilling screws complete the installation
- ROOFJACK are well marked so they can easily be cut with shears to fit exactly the pipe size used.
- ROOFJACK are available in Black or Gray EPDM & Red Silicone.
- Square ROOFJACK can be turned so corner is pointing up the roof. It will act as a water diverter.

	EPDM 500	SILICONE
Advanced Ozone Resistance Tested to...	70 hr @500 pphm	70 hr @ 500 pphm
High Temperature Resistance Tested to Intermittent Continuous	+135°C (+275°F) +100°C (+212°F)	+260°C (+500°F) +225°C (+500°F)
Low Temperature Resistance tested to...	-55°C (-65°F)	-74°C (-100°F)
Tensile Set Maximum... Compression Set Maximum...	10MPa (1450psi) 25%	5MPa (700psi) 50%

EASY INSTALLATION



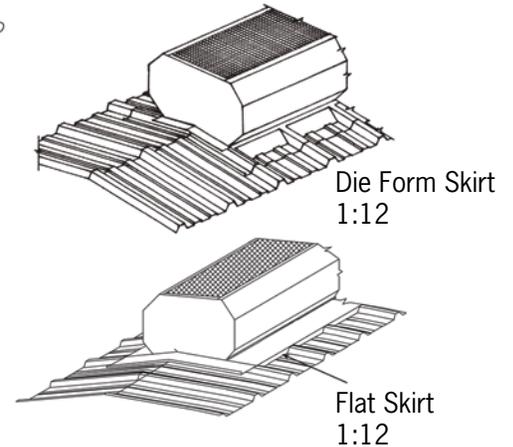
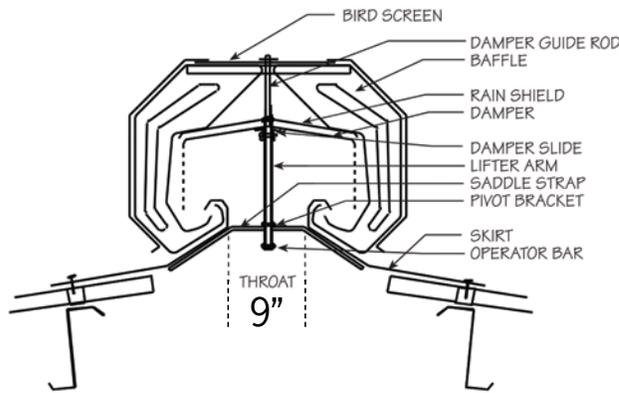
1. Choose pipe opening and trim
2. Slide over pipe



3. Form to roof profile
4. Apply sealant
5. Fasten to complete

	PIPE SIZE	BASE DIMENSION	COLOR MATERIAL	CARTON QUANTITY	WEIGHT PER CARTON
MINI	1/8"-3/4"	2 - 1/4" (57mm)	Black/Gray EPDM & Red Silicone	15	2.5
#3	1/4"-5-3/4"	8" (203mm)	Black/Gray EPDM & Red Silicone	15	7.5
#4	2-3/4"-7"	10" (254mm)	Black/Gray EPDM & Red Silicone	10	8.0
#5	4"-8-1/4"	11" (279mm)	Black/Gray EPDM & Red Silicone	10	9.5
#6	4-3/4"-10"	12" (304mm)	Black/Gray EPDM & Red Silicone	10	12.0
#7	5-1/2"-11-1/2"	14" (355mm)	Black/Gray EPDM & Red Silicone	10	15.5
#8	6-3/4"-13-1/2"	17" (431mm)	Black/Gray EPDM & Red Silicone	5	12.8
#9	9-1/2"-20-1/2"	25" (635mm)	Black/Gray EPDM & Red Silicone	5	19.3

Also available in High Temperature models.



PERFORMANCE DATA

THROAT	VENT ABOVE GROUND	CFM
9"	10'	1572
	20'	2085
	30'	2775
	40'	3248

Continuous Ridge Ventilators

10' Ridge Vents with 9" Throat

Available in White or Galvalume



Standard ridge ventilators are shipped with a 1:12 end cap and can be field modified to accommodate up to a 6:12 roof pitch.

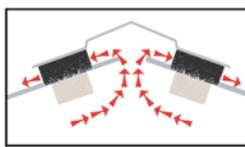
Accessories



- Adhesive is applied to the flat of the foam strip for easy field installation
- Open cell foam formulated to allow as much as 98% free air flow
- Material design prevents wind-driven rain from penetrating the material causing undesired leaks
- Material design is universal in nature. It will conform to any panel 1 1/4" or less in height
- MultiVent™ can be used on angled roof applications. There is no need for special angle cut closures



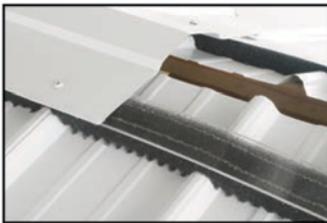
Material conforms to any panel configuration.



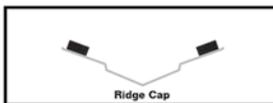
MultiVent™ maximizes free air flow due to its unique open-cell structure

PROPERTIES	UNITS	
1) Color: Charcoal Gray		
2) Tensile (ASTM D3574)	psi	8.0
3) Density	lbs./ft ³	40.9
4) Elongation	%	100 min.
5) Tear Strength:	lbs./in.	3.0 min.
6) Compression Deflection:		
• 25% reduction in thickness	psi	0.25 min.
7) Compression Set (@50% deflection)	%	15 max.
8) Cell Size:	ppi	13 min.-23 max.
9) Net Free Area:	%	98.4%
@3/4" thickness	in ² /lin.ft.	8.85
@1" thickness	in ² /lin.ft.	11.81
@1-1/4" thickness	in ² /lin.ft.	14.76
10) Air Permeability:	cfm	700-800
11) Service Temperature Range:		
High Intermittent:	°F	250
Continuous	°F	200
12) Cold Temperature Resistance	°F	(-)40
13) Melt Temperature	°F	500

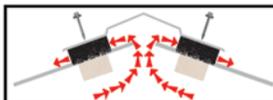
LENGTH PER PIECE	PIECES PER CTN.	FEET PER CTN.	MULTI VENT DIMENSIONS	
			WIDTH.	HEIGHT
36"	60	180	2"	1.75"



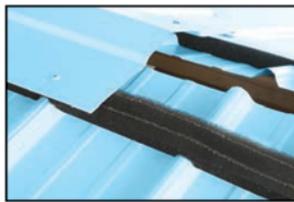
- MultiVent10™ is a ventilated roll product for metal roof ridge cap applications
- Material is a non-woven, UV resistant, polyester fabric with an acrylic binder that allows for maximum air movement
- Provides more air movement than polyurethane rolls coated with PVC
- Passes the extreme wind driven rain test
- 1 1/2" x 2" x 10' Polyester vented strip has pre-applied adhesive strip
- Universal feature allows application to ridge cap
- 200 lineal feet per box-2 each 10' strips per package/10 packages per box



1. Roll MultiVent10™ onto ridge cap.



2. Fasten ridge cap to roof with Kwikseal® II Woodbinder® fasteners. MultiVent10™ will mold to roof panel profile



MultiVent10™ with a pre-applied adhesive strip is easily applied to the underside of a metal ridge cap for easy field installation

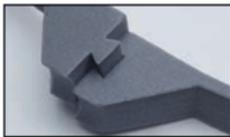
Physical Property	Sealite MultiVent 10	
	Protocol	Results
Density (lbs. per cu.ft.)	ASTM D3574	0.90 pcf
110 mph Wind Driven Rain TestT	AS 100(A)	Pass
Air Permeability (ft ³ /min./ft ² of surface)	ASTM D737	1329
Tear Strength	ASTM D2261	4.5 psi
Tensile Strength	ASTM D638	19 psi
Compression Strength	ASTM D3574	0.52 psi @50%
Net Free Area :	in ² /per lin. ft. of ridge (1)	
a) 3/4" rib height (Grand Rib type profile)	19.00 in ²	
b) 1/2" rib height (5-V Crimp type profile)	15.55 in ²	
c) 1/2" rib height (Channel Drain type profile)	13.26 in ²	
d) 13/16" rib height (U-Panel type profile)	16.58 in ²	



ST Closure Strips

- Designed to close gaps in roof & sidewall applications. Material is pre-cut to conform to metal panel configurations.
- Applications include closing the openings at the ridge (peak of the building) or at the eave (gutter-line of a building).
- 1.8 lb. Density polyethylene foam is designed to withstand harsh weather elements including moisture & ultraviolet rays.
- Optional pre-applied adhesive helps to keep closure in place before roof panel is fastened.
- Interlocking dovetails provide a secure end-to-end fit, eliminating any potential gaps
- Other profiles are available. Call SEALTITE Customer Service for availability.

	DESCRIPTION	PITCH OF CORR	WIDTH OF STRIP	HEIGHT OF CORR	LENGTH OF STRIP	PIECES PER CTN.	WEIGHT PER CTN.
	3/4" Tex-Rib	9"	7/8"	3/4"	36"	100	6 LBS.
	R-Panel	12"	7/8"	1-1/4"	36"	100	6 LBS.
	U-Panel	6"	7/8"	3/4"	36"	100	6 LBS.



Interlocking dovetails provide a secure end-to-end fit, eliminating any potential gaps



Pre-applied adhesive helps to keep closure in place before roof panel is fastened.

LAMINATE PHYSICAL PROPERTIES		TEST PROCEDURES	2 PCF
Tensile Strength (PSI)	Machine Direction	ASTM D-3575	60
	Cross Direction		39
Elongation %	Machine Direction	ASTM D-3575	124
	Cross Direction		88
Compression Resistance	(Deflection)	ASTM D-3575	
	(PSI 25% Compression)		5
	(PSI 50% Compression)		14
Compression Set (50%)	(% Original Thickness)	ASTM D-3575	28
Tear Resistance (PLI)	Machine Direction	ASTM D-3575	6
	Cross Direction		11
Shore Hardness	00 Scale	ASTM 2240	51
Thermal Stability (% Max.) (24 hour @ 158°F)	Machine Direction		-2.0
	Cross Machine		-1.0
Thermal Conductivity	(K Factor)	ASTM C177	.25
Water Absorption	(BTU in. /F Hr. °F)		
	(Lbs./Sq. Ft. Cut Surface)	ASTM D-1667	0.04
Working Temperature Range	(Degree F)		-110 to +200
Flammability		AVSS 302	Pass

All available with or without glue.

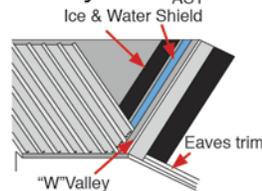
Roll Tape Sealant



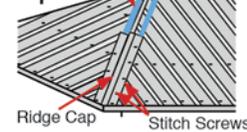
- AST is a self-adhering foam tape impregnated with water-based acrylic-modified asphalt emulsion.
- It is an excellent alternative to butyl tape & open-cell polyurethane foam strips.
- Will not dry out and become hard and brittle
- UV-stable
- Highly resistant to bugs and vermin
- Will not extrude from between joints like caulk or butyl tapes
- Conforms to contours and fills gaps
- Maintains a seal during thermal expansion and contraction of building panels

- Excellent compressibility and recovery (minimal compression set)
- Good thermal and sound insulator
- No shrinkage or blow-out due to closed-cell breakage
- Supplied with self-adhesive on one side. After removal of packaging, material begins gradual expansion - more slowly in cold weather than in hot
- MST is a resilient cellular foam infused with a hydrophobic (water resistant) modified acrylic liquid adhesive sealant

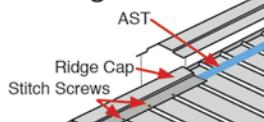
Valleys



Hips



Ridges



SUPPLIED SIZE	EXPANDED SIZE	LF/BOX	REELS PER BOX	REEL LENGTH
1/4" x 1"	1" x 1"	511.68 LF	26	19.7'
3/8" x 1"	1-1/2" x 1"	314.88 LF	24	13.1'

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Tube Sealant



- Superior holding power for longer lasting seals
- Suitable for exterior applications (roofing)
- Bonds similar and dissimilar materials
- Clear formula blends with any substrate color
- Wide temperature application range suitable for all climates



Butyl Tape

- 100% solids, asbestos free butyl tape sealant in roll form.
- Applications include metal roof endlaps, sidelaps, vents, gutters, pipe flashings, skylights.
- Service temperature range is -40 Degrees F - +180 Degrees F
- Material will not become brittle or crack.



3/32" x 3/8" x 45'
(40 rolls per carton)

3/32" x 1" x 40'
(20 rolls per carton)

TOUCH-UP PAINT (SPECIFY COLOR)	ANCHORS & RIVETS	SOCKETS & DRIVERS
		
MALCO TURBOSHEAR	PATCH & DOUBLE-SIDED TAPE	1/2" X 9" WELD EYE BOLT W/HILL SIDE
		
SAW BLADES	SNIPS	FEIN NIBBLER
		

Sub-Structural Components

Standard Punching Patterns Order Information - Eave Struts

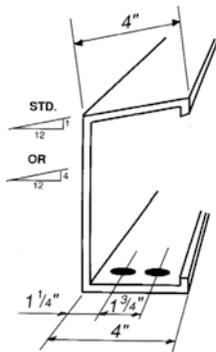
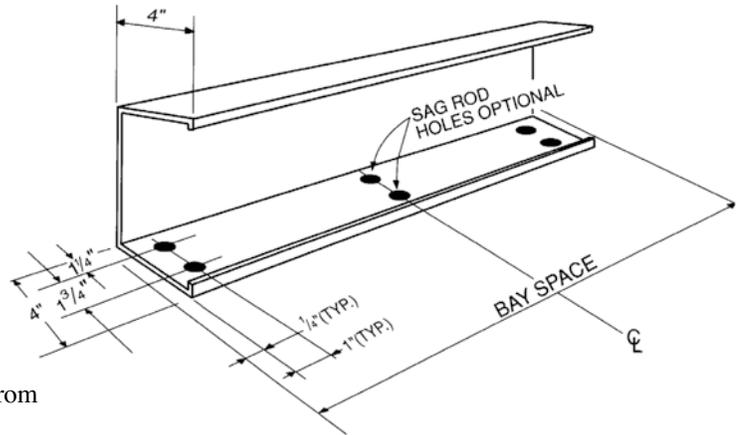
SIZE	GAUGE
10"	14
8"	14
7"	14

Other section depths compatible with cees and zeeks are available. Contact Customer Service for more information.

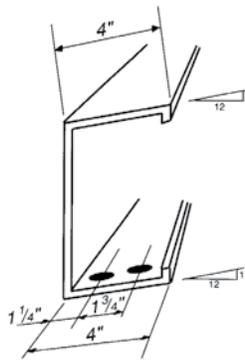
Note: Available in plain and punched.

ORDER INFORMATION

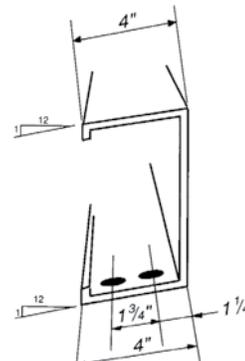
To determine actual order length, subtract 1/2" from bay spacing.



STANDARD



DOUBLE SLOPE



HIGH SIDE

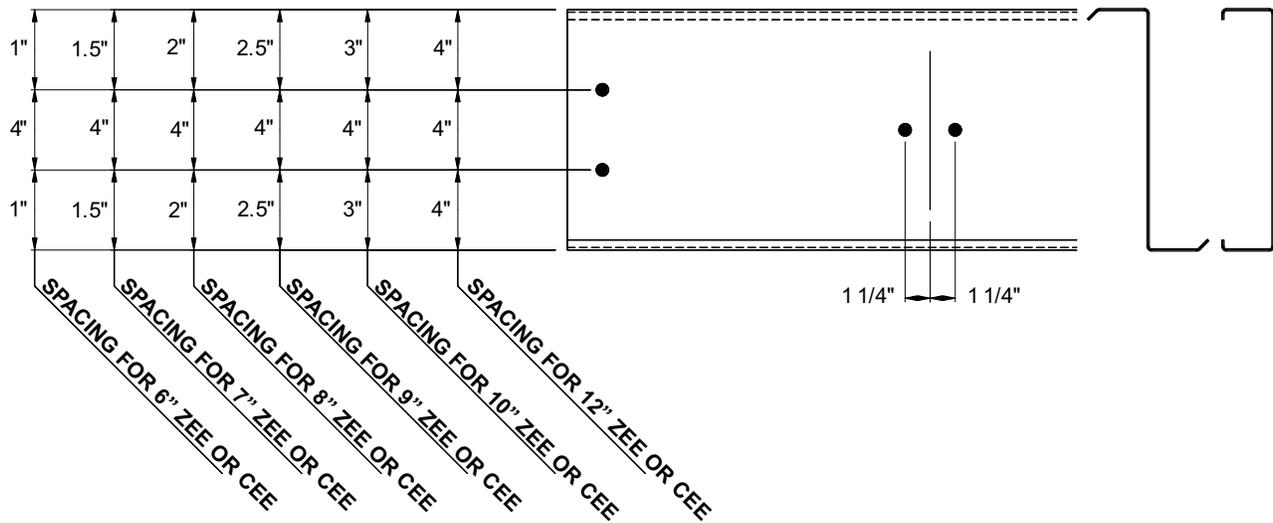
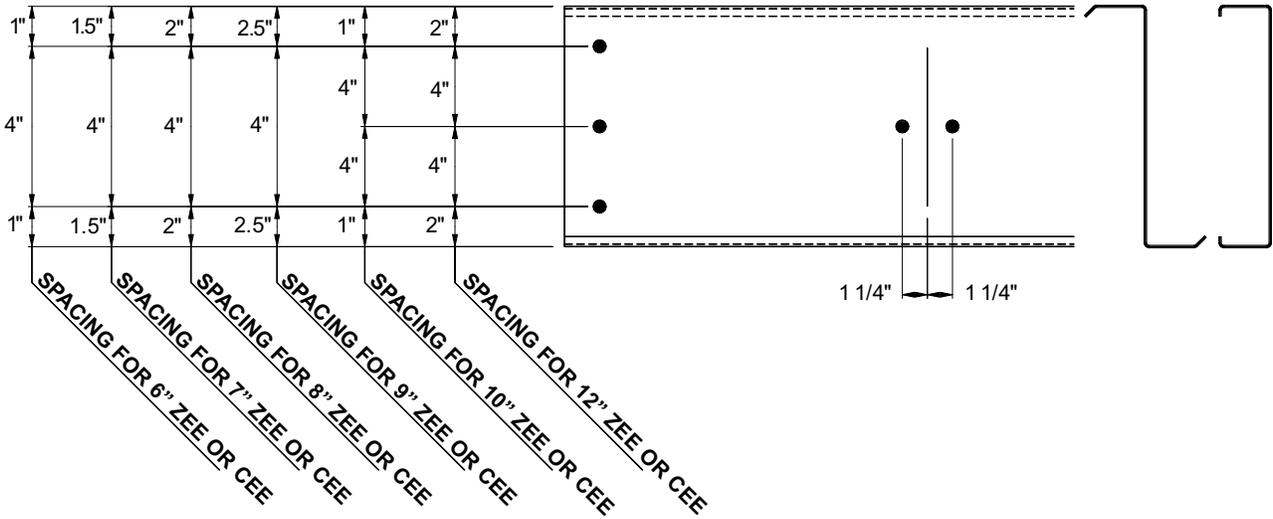
Note: Double slope eave struts are available in the same sizes and gauges as standard eave struts. When ordering, please request double slope.

MAX PITCH ON EAVE STRUT = 4:12

IMPORTANT INFORMATION:

1. Standard structural shapes are available in 16, 14 and 12 gauge, hi-strength hot rolled material as per ASTM A570 Grade 55 (57,000 PSI minimum yield strength) Steel.
2. Allowable loads have been calculated in accordance with the 1986 edition of AISI specifications.
3. Standard finish is red oxide primer.
4. Galvanized (G-90) is also available. Contact Customer Service for lead times.
5. Please inquire concerning special custom shaped sections and special punching.
6. Available lengths: Any practical length, contact Customer Service for further information.
7. Engineering data: www.loseke.com/lgsi.html.

Standard Punching Patterns - Cees & Zees



Available Flange Widths For Symmetrical Zees & All Cee

AVAILABLE FLANGE WIDTHS FOR LGSZ ZEES (6" THRU 12")

SECTION FLANGE	ACTUAL DIM. (LGSZ ZEES)
2 1/2	2 1/8 & 2 3/8
3	2 5/8 & 2 7/8
3 1/2	3 1/8 & 3 3/8

NOTE:
HOLES WILL ALWAYS BE PUNCHED IN WIDER FLANGE.

2 1/2" / 3" or 3 1/2" NOMINAL FLANGE WIDTHS FOR 6" THRU 12" ZEES

2 1/2" / 3 1/2" or 4" FLANGE WIDTHS FOR 6" THRU 12" CEES

1 3/4" SEE NOTE #3.

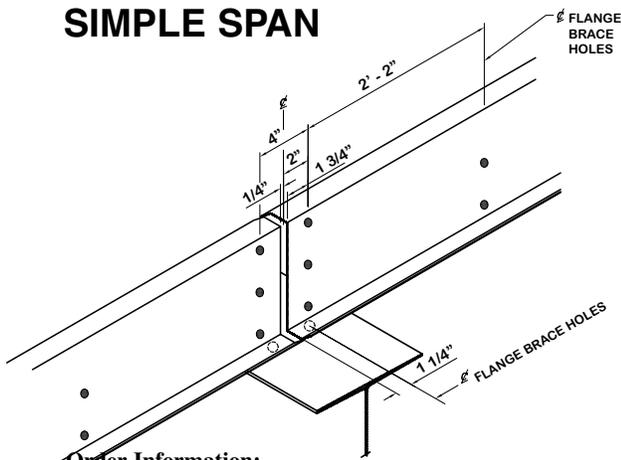
1 3/4" SEE NOTE #3. ONE (1) FLANGE ONLY

1 3/4" SEE NOTE #3. ONE (1) FLANGE ONLY

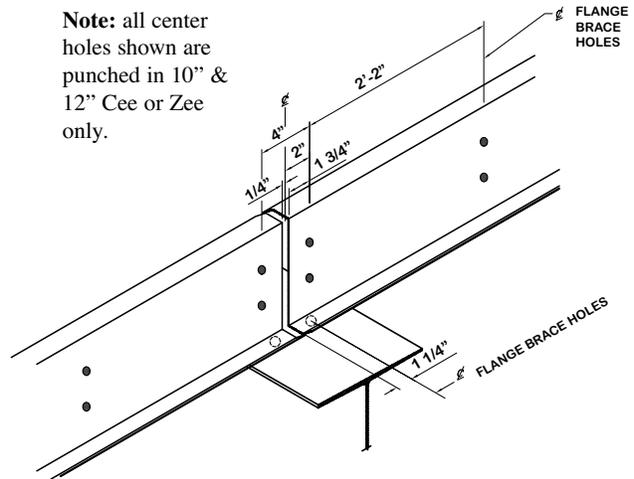
Sub-Structural Components

Standard Punching Patterns Order Information - Cees & Zees

SIMPLE SPAN



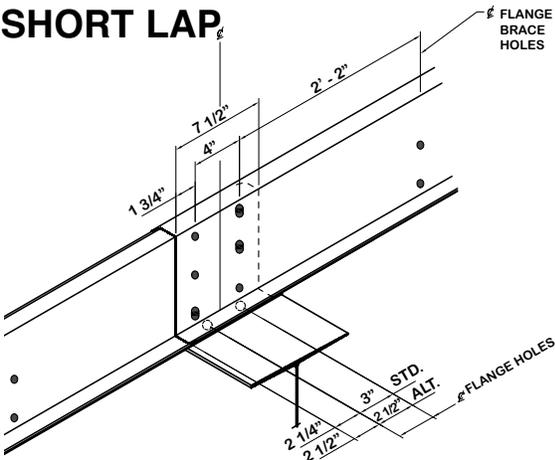
Note: all center holes shown are punched in 10" & 12" Cee or Zee only.



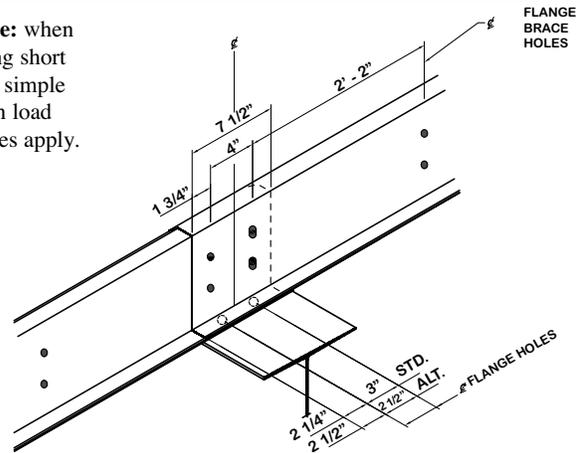
Order Information:

1. To determine actual order length, subtract 1/2" from bay spacing.
2. To determine end bay actual order length, subtract 1/2" from bay spacing.

SHORT LAP



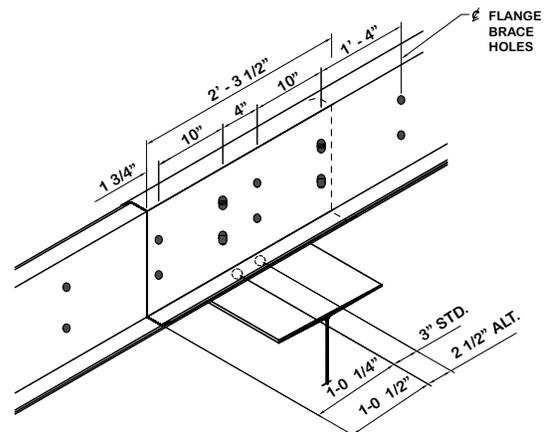
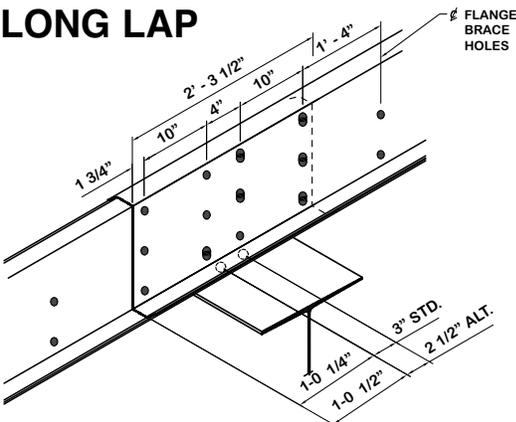
Note: when using short lap, simple span load tables apply.



Order Information:

1. To determine actual order length, add 7 1/2" to bay spacing.
2. To determine end bay actual order length, subtract 1/4" for setback, then add 3 3/4" to bay spacing.

LONG LAP

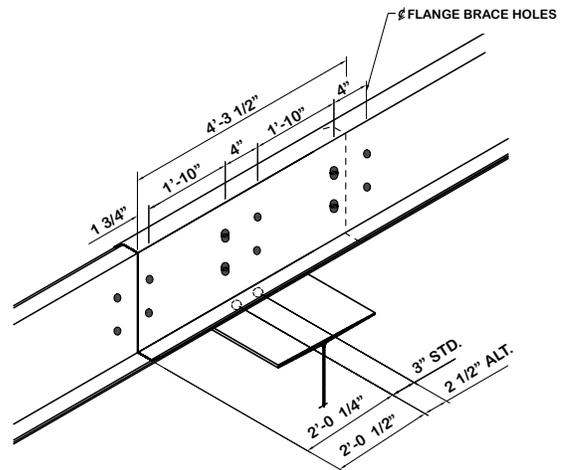
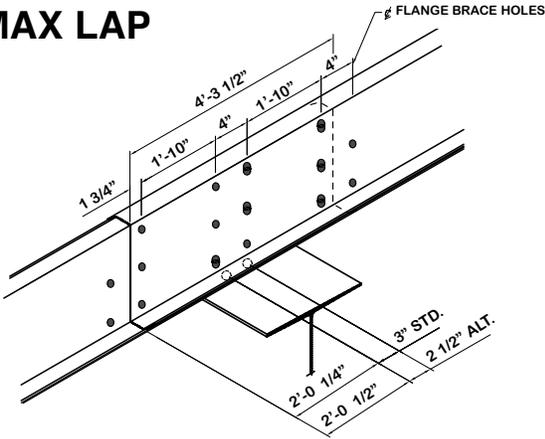


Order Information:

1. To determine actual order length, add 2'-3 1/2" to bay spacing.
2. To determine end bay actual order length, subtract 1/4" for setback, then add 1'-1 3/4" to bay spacing.

Standard Punching Patterns Order Information - Ceas & Zees

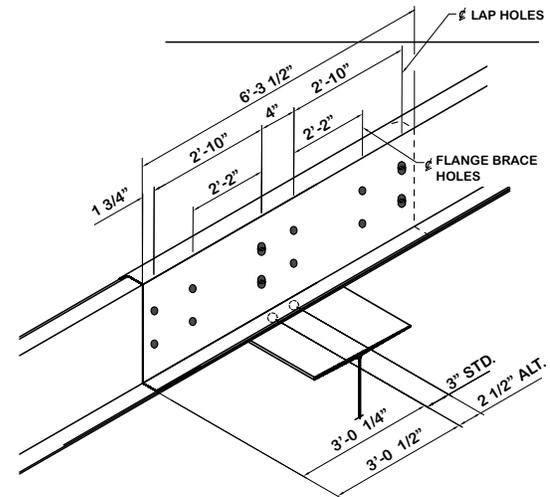
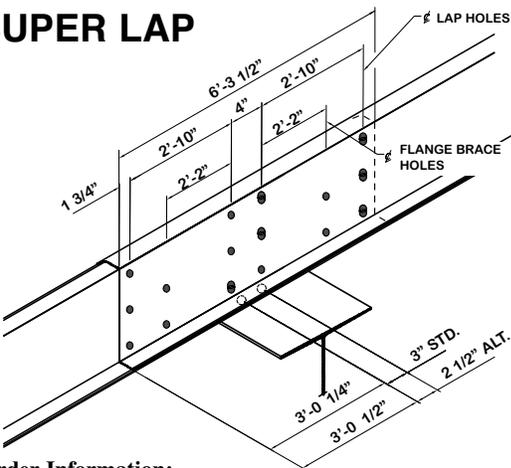
MAX LAP



Order Information:

1. To determine actual order length, add 4'-3 1/2" to bay spacing.
2. To determine end bay actual order length, subtract 1/4" for setback, then add 2'-1 3/4" to bay spacing.

SUPER LAP



Order Information:

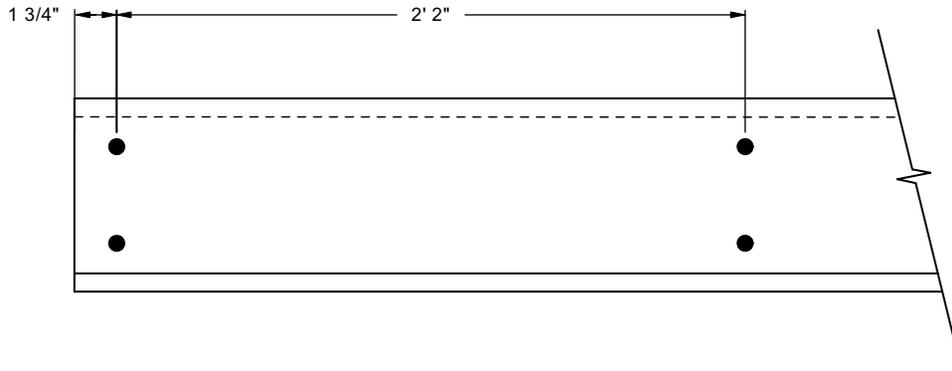
1. To determine actual order length, add 6'-3 1/2" to bay spacing.
2. To determine end bay actual order length, subtract 1/4" for setback, then add 3'-1 3/4" to bay spacing.

NOTES:

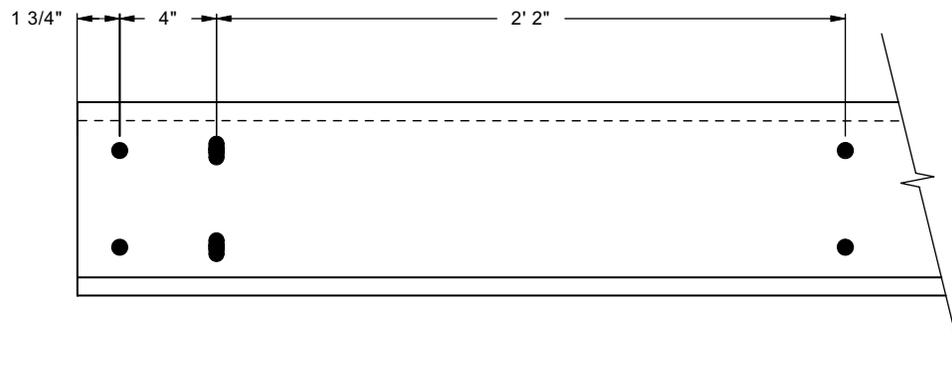
Sub-Structural Components

Punching Information

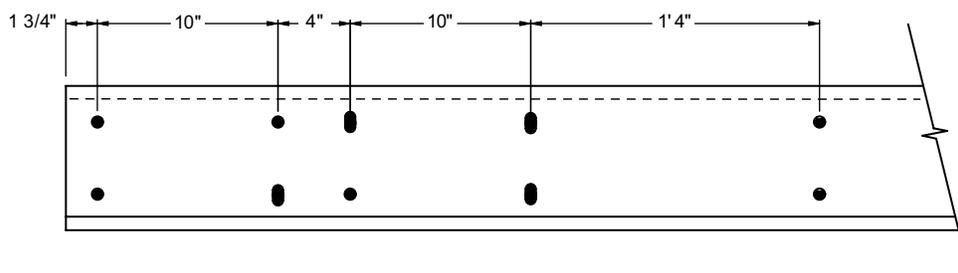
* SIMPLE SPAN PUNCH



* SHORT LAP PUNCH

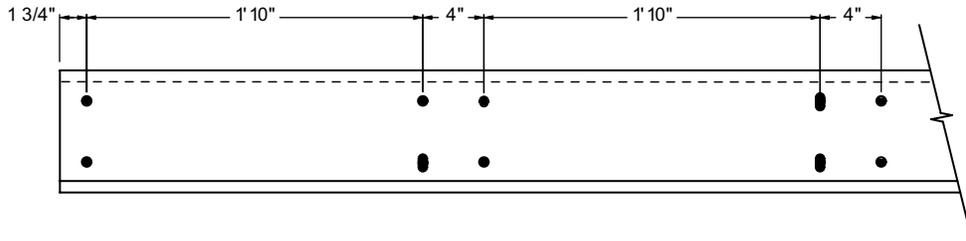


* LONG LAP PUNCH

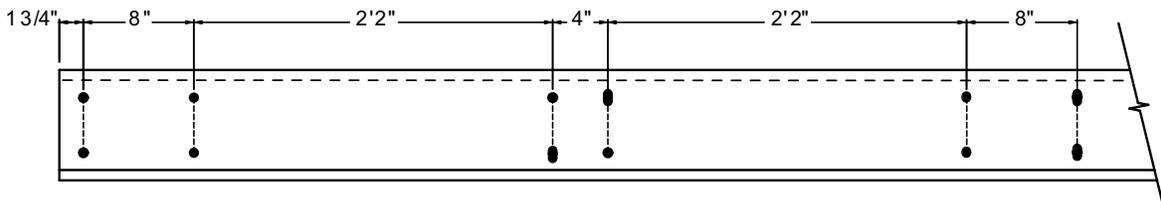


Punching Information

*** MAX LAP PUNCH**

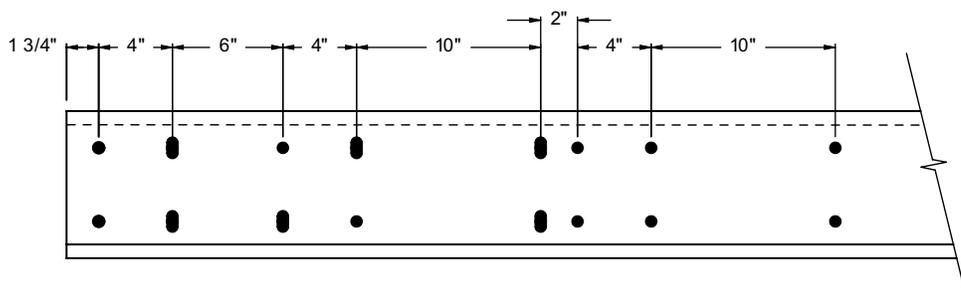


*** SUPER LAP PUNCH**



* Holes shown are for members less than 10" in depth.

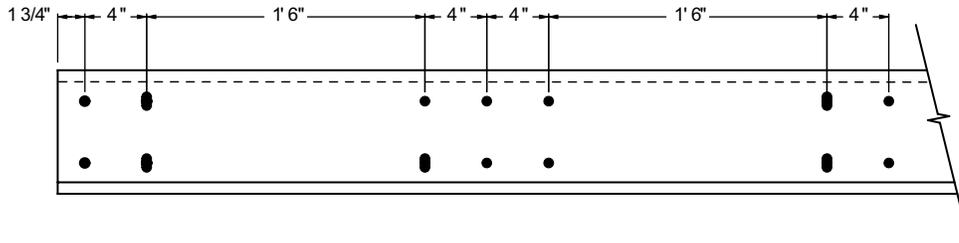
*** UNIVERSAL PUNCH**



Sub-Structural Components

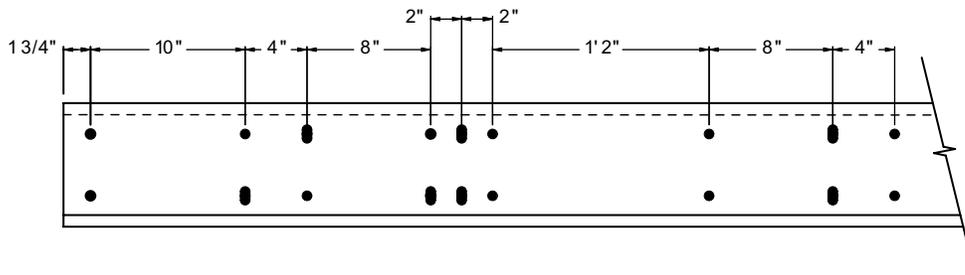
Combination Punching

* END BAY PUNCH



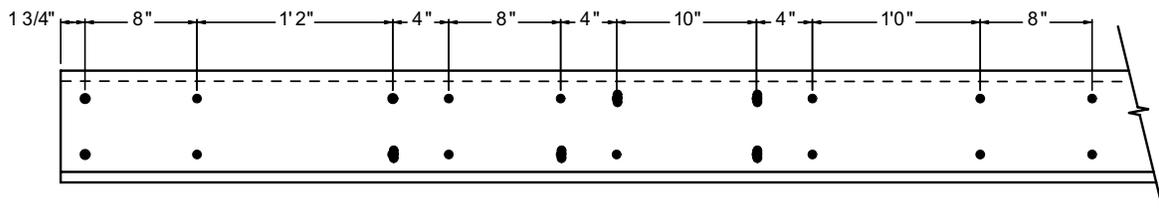
Includes: Max Lap and Short Lap

* STANDARD PUNCH



Includes: Max Lap and Long Lap

* EXTENDED PUNCH

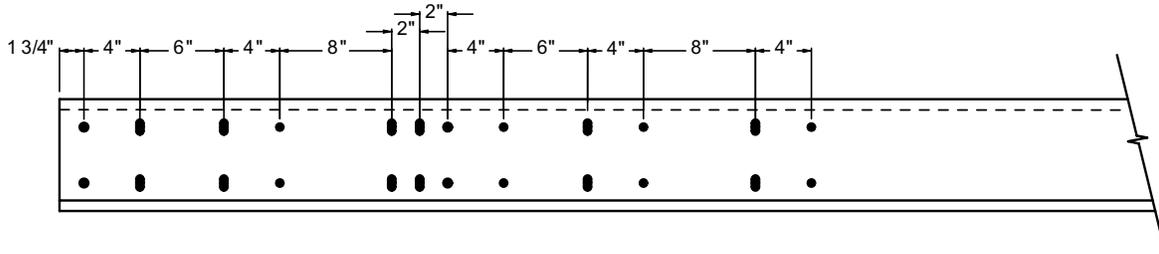




Combination Punching

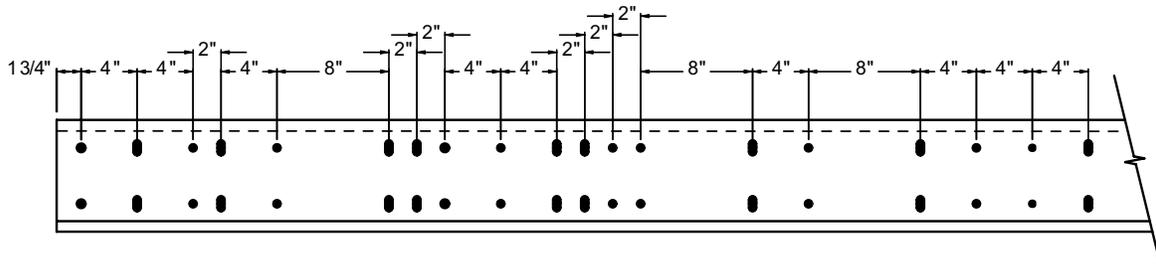
* Holes shown are for members less than 10" in depth.

*** CLASSIC PUNCH / PATTERN A**



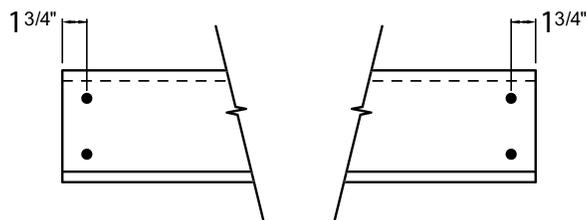
Includes: Simple Span, Short Lap, Long Lap, and Max Lap

*** COMPREHENSIVE PUNCH / PATTERN B**



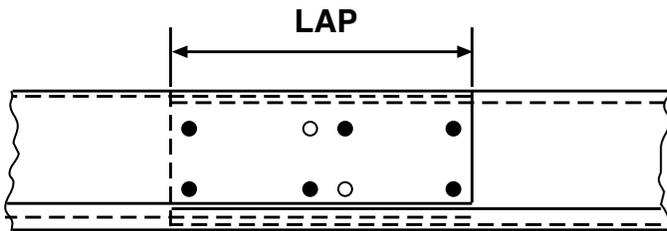
Includes: Simple Span, Short Lap, Long Lap, Max Lap, and Super Lap

*** PATTERN G**



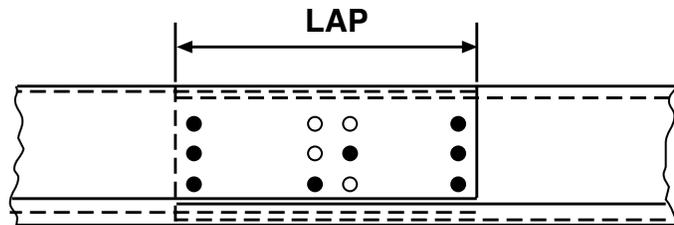
Sub-Structural Components

Bolts Per Lap Type - Bolts = 1/2" Diameter

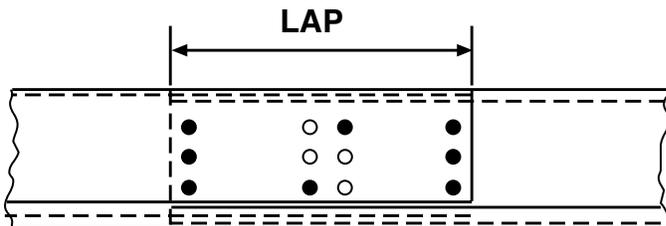


For 6" thru 9" Deep Zees, 6 Bolts required per Lap.

For 10" thru 12" Deep Zees, 8 Bolts required per Lap.



Alternate for 10" Deep Zees, 8 Bolts required per Lap.



Availability

SECTION	GA.	WT PER LINEAL FT.	ACTUAL DIM. (LGS) ZEEES	AVAILABILITY	
				ZEEES	CEES
12 x 4	12	7.48	—	—	•
12 x 3 1/2	12	7.12	12 x 3 1/8 x 3 3/8	•	•
12 x 3	14	4.51	12 x 2 5/8 x 2 7/8	•	•
12 x 3	12	6.77	12 x 2 5/8 x 2 7/8	•	•
12 x 2 1/2	14	4.27	12 x 2 1/8 x 2 3/8	•	•
12 x 2 1/2	12	6.41	12 x 2 1/8 x 2 3/8	•	•
10 x 4	14	4.51	—	—	•
10 x 4	12	6.77	—	—	•
10 x 3 1/2	14	4.27	10 x 3 1/8 x 3 3/8	•	•
10 x 3 1/2	12	6.41	10 x 3 1/8 x 3 3/8	•	•
10 x 3	14	4.03	10 x 2 5/8 x 2 7/8	•	•
10 x 3	12	6.05	10 x 2 5/8 x 2 7/8	•	•
10 x 2 1/2	16	3.20	10 x 2 1/8 x 2 3/8	•	•
10 x 2 1/2	14	3.80	10 x 2 1/8 x 2 3/8	•	•
10 x 2 1/2	12	5.69	10 x 2 1/8 x 2 3/8	•	•
10 x 2	16	3.00	—	—	•
10 x 2	14	3.56	—	—	•
10 x 2	12	5.34	—	—	•
8 x 4	14	4.03	—	—	•
8 x 4	12	6.05	—	—	•
8 x 3 1/2	16	3.20	8 x 3 1/8 x 3 3/8	•	•
8 x 3 1/2	14	3.80	8 x 3 1/8 x 3 3/8	•	•
8 x 3 1/2	12	5.69	8 x 3 1/8 x 3 3/8	•	•
8 x 3	16	3.00	8 x 2 5/8 x 2 7/8	•	•

SECTION	GA.	WT PER LINEAL FT.	ACTUAL DIM. (LGS) ZEEES	AVAILABILITY	
				ZEEES	CEES
8 x 3	14	3.56	8 x 2 5/8 x 2 7/8	•	•
8 x 3	12	5.34	8 x 2 5/8 x 2 7/8	•	•
8 x 2 1/2	16	2.80	8 x 2 1/8 x 2 3/8	•	•
8 x 2 1/2	14	3.32	8 x 2 1/8 x 2 3/8	•	•
8 x 2 1/2	12	4.98	8 x 2 1/8 x 2 3/8	•	•
8 x 2	16	2.60	—	—	•
8 x 2	14	3.08	—	—	•
8 x 2	12	4.62	—	—	•
6 x 3 1/2	16	2.80	6 x 3 1/8 x 3 3/8	•	•
6 x 3 1/2	14	3.32	6 x 3 1/8 x 3 3/8	•	•
6 x 3 1/2	12	4.98	6 x 3 1/8 x 3 3/8	•	•
6 x 3	16	2.60	6 x 2 5/8 x 2 7/8	•	•
6 x 3	14	3.08	6 x 2 5/8 x 2 7/8	•	•
6 x 3	12	4.62	6 x 2 5/8 x 2 7/8	•	•
6 x 2 1/2	16	2.40	6 x 2 1/8 x 2 3/8	•	•
6 x 2 1/2	14	2.84	6 x 2 1/8 x 2 3/8	•	•
6 x 2 1/2	12	4.27	6 x 2 1/8 x 2 3/8	•	•
4 x 2 1/2	16	2.00	4 x 2 1/8 x 2 3/8	•	•
4 x 2 1/2	14	2.37	4 x 2 1/8 x 2 3/8	•	•
4 x 2 1/2	12	3.55	4 x 2 1/8 x 2 3/8	•	•
4 x 2	16	1.79	4 x 2 x 2	•	•
4 x 2	14	2.13	4 x 2 x 2	•	•
4 x 2	12	3.20	4 x 2 x 2	•	•

- 1.) Galvanized (G-90) substrate is available on most items. Please inquire.
- 2.) Some items require longer lead times. For delivery information, please contact Customer Service.



Terms & Conditions of Sale

1. All references to Sawyer Metal refer to F.E. Sawyer Building Systems, Inc. D/B/A Sawyer Metal. All references to Seller refer to Sawyer Metal.

2. The parties expressly agree that none of the following Terms and Conditions of Sale, nor any Seller written terms not contained herein, may be waived, modified, or amended without the express written consent of the Seller's President or Executive Vice-President and CFO.

3. Payments due Seller under the terms of this sale and any other money due Seller by Buyer shall be paid to Seller at its principal office in Tyler, Smith County, Texas unless otherwise directed by Seller. The laws of the State of Texas shall govern this agreement and performance under this agreement. Buyer consents to jurisdiction in Texas. Any dispute under this agreement shall only be brought in the state court of Texas. The parties hereto agree that venue shall be in Tyler, Smith County, Texas, for any and all claims or disputes arising out of all transactions between Seller and Buyer. Buyer voluntarily agrees that Tyler, Smith County, Texas, is the most convenient forum and understands the choice of forum is an integral and vital part of Seller's agreement to sell to Buyer. By agreeing to venue in Tyler, Smith County, Texas, Buyer fully intends to waive its rights, if any, to venue in any place other than Tyler, Smith County, Texas. The parties deem that this agreement is performable in Tyler, Smith County, Texas, regardless of whether or not any part of the agreement is actually performed in Tyler, Smith County, Texas. In addition, Buyer agrees that Seller's prices reflect an analysis of the elimination of uncertainty regarding the jurisdiction for any dispute. EACH PARTY HEREBY AGREES NOT TO ELECT A TRIAL BY JURY OF ANY ISSUE TRIABLE BY JURY AND FULLY WAIVES ANY RIGHT TO TRIAL BY JURY TO THE EXTENT THAT ANY SUCH RIGHT NOW OR HEREAFTER EXISTS WITH RESPECT TO THIS AGREEMENT AND/OR THE AGREEMENTS, INSTRUMENTS AND DOCUMENTS CONTEMPLATED HEREBY OR ANY CLAIM, COUNTER CLAIM, OR OTHER ACTION ARISING IN CONNECTION HEREWITH. EACH PARTY ACKNOWLEDGES AND AGREES THAT IF THIS WAIVER OF RIGHT TO TRIAL BY JURY IS GIVEN KNOWINGLY AND VOLUNTARILY BY SUCH PARTY AND IS INTENDED TO ENCOMPASS EACH INSTANCE AND EACH ISSUE AS TO WHICH THE RIGHT TO TRIAL BY JURY WOULD OTHERWISE ACCRUE. EITHER PARTY IS HEREBY AUTHORIZED TO FILE A COPY OF THIS SECTION IN ANY PROCEEDING AS CONCLUSIVE EVIDENCE OF THIS IRREVOCABLE WAIVER. If Buyer purchases a Metal Building System only, the terms and conditions of this purchase order shall also be governed in their interpretation by the section titled "Common Industry Practices: from the Low Rise Building System Manual, latest edition, published by the Metal Building Manufacturers Association, 1230 Keith Building, Cleveland, Ohio, 44115.

4. Buyer agrees that all payments with lien release language on the back of any check shall be sent only to the principal office of Seller, in Tyler, Smith County, Texas. Buyer agrees that any payment accepted through Seller's lockbox with lien release language on the check does not bind Seller to the attempted release. Seller's agent at the lock box who endorses and/or accepts checks for Seller is authorized only to unconditional payments, and no action by this agent shall ever give rise to a claim of any authority, apparent or otherwise, beyond that described in this paragraph. Acceptance of any conditional check, including any lien release language or otherwise at the lock box shall only be a partial release for those funds received and never otherwise. This paragraph cannot be waived or modified except in writing in advance.

5. Terms of sale are C.O.D. unless otherwise agreed to in writing. Any and all credit terms shall be established at the sole discretion of Seller's Credit Department. In the event Seller grants Buyer credit terms, said credit terms are subject to change at any time, for any reason, at the sole discretion of Seller without prior written notice to Buyer. Unless specifically enumerated herein, the price does not include any taxes (including excise, privilege, occupation, use, sales, etc.; Federal, State or local) or costs of shipment. All materials sold hereunder shall be in substantial compliance with Buyer's request. Additionally, all materials sold hereunder are sold F.O.B. Seller's plant. Seller reserves the right to approve the carrier on all C.O.D. shipments. Buyer assumes responsibility for the accuracy of verbal orders unless written confirmation is received prior to fabrication. Confirming orders should be marked "Confirming Order-Do Not Duplicate."

6. Any payments deferred after the due date as specified herein shall bear interest at the rate of ten percent (10%) per annum. If an invoice becomes past due, is placed in the hands of any attorney for collection, if collected by any legal proceedings, or if the Agreement is relevant to any other dispute between the parties, Buyer agrees to pay Seller all of its attorney's fees and costs incurred in the collection of sums owed by Buyer to Seller on account of principal, interest or other charges. Buyer agrees that the attorney's fees incurred by Seller are reasonable and necessary. "Costs incurred in the collection of sums" as used herein is not to be limited to costs incurred in litigation, but includes, without limitation, copying and mailing expenses, lien fees, lost employee time, inspection expenses and expert witnesses expenses in addition to taxable costs incurred in litigation.

7. Buyer has and does by these presents grant to Seller and Seller has and does hereby retain a security interest in all materials, parts and accessories (as well as all finished goods and/or the proceeds from the sale thereof) described in and being purchased by Buyer pursuant to this Agreement. In addition, Buyer has and does by these presents grant to Seller and Seller has and does hereby retain a security interest in all existing or subsequently arising accounts, accounts receivable and supporting obligations which may from time to time hereafter come into existence during the term of this security interest as a result of Buyer's sale of any of the said materials, parts, accessories, or finished goods thereof to any third party. The security interest herein granted by Buyer and retained by Seller is to secure payment of the full purchase price and all other charges due and owing Seller by Buyer under the terms of this sale. This agreement is governed by Section 2.101, et. Seq. of the Texas Business & Commerce Code, and the security interest hereunder constitutes a "purchase money security interest" pursuant to the Uniform Commercial Code. This instrument is a contract, security agreement and financing statement between the parties hereto.

8. The Buyer or undersigned individual who is either the credit applicant or a principal/agent of the Buyer, recognizes that a credit history report may be a factor in the evaluation of the credit history of the Buyer. Buyer, therefore, consents to and authorizes the use of a commercial, consumer or any other credit report on the Buyer or undersigned individual by Seller from time to time as may be needed in the credit evaluation process.

9. All orders are subject to approval and acceptance by Seller. Terms contained within any Purchase Order issued by Buyer conflicting with these Terms and Conditions shall be of no force and effect. All sales by Seller of any nature to Buyer shall be made under the provisions of this Agreement. Any documents that Buyer may use from time to time for their convenience, including but not limited to, purchase orders or sales acknowledgment forms shall be deemed to be for administrative convenience only and the terms and conditions of this Agreement as well as the terms and conditions as stated in Seller's invoices and bills of lading shall supersede and take precedence over any of Buyer's terms and conditions which may be contained on any such forms.

10. Seller shall not be liable to Buyer for any incidental, special, compensatory, consequential, expectation, exemplary or liquidated damages of any nature. Additionally, Seller shall not be liable to Buyer for back charges or loss of use to Buyer arising out of any alleged misfabrications or delay in carrying out this contract.

11. Under no circumstances shall Seller be liable in any way to Buyer, building owner, or any other party for water intrusion or the existence of moisture occurring prior to delivery of Seller's material or existing thereafter or any possible effects resulting there from (including fungi, mold or mildew), delays, failure in performance, or loss or damage due to force majeure conditions including, without limitation: fire; flood; epidemics; lightning; strike; embargo; explosion; power surge or failure; acts of God; war; labor or employment disputes; civil disturbances; acts of civil or military authority; inability to secure materials, fuel, products or transportation facilities; terrorism; act of government, inability to obtain materials; loss, damage or delay of materials; acts or omissions of suppliers; or any other causes beyond Seller's control, whether or not similar or relating to the foregoing. FURTHER, BUYER HEREBY AGREES AND STIPULATES THAT, IN THE EVENT SELLER RECEIVES NOTIFICATION OF A SCHEDULED PRICE INCREASE(S) FROM ANY OF ITS SUPPLIERS BETWEEN THE DATE OF THIS AGREEMENT AND THE DATE SCHEDULED FOR DELIVERY OF THE MATERIALS COVERED HEREBY, SELLER RESERVES THE RIGHT, IN ITS SOLE DISCRETION AND JUDGMENT, TO INCREASE THE PURCHASE PRICE STATED HEREIN IN AN AMOUNT CORRESPONDING TO SAID PRICE INCREASE(S). Buyer agrees these limitations of Seller's liability are reasonable. Buyer further agrees that these limitations of Seller's liability are material parts of the consideration for this Agreement and is reflected in the amounts charged by Seller hereunder. Buyer intends that these limitations on Seller's liability are to be liberally construed in favor of Seller to eliminate any other liability of Seller other than repair or replacement of defective products.

12. Either party may cancel an order by giving written notice to the other party. In the event of such cancellation, Buyer agrees to pay Seller all costs and damages incurred by Seller in preparing to perform the terms of the order and in performing the terms of the order prior to the receipt by Seller of such written notice, including but not limited to Seller's expenses of purchases of material, labor, fabrication and overhead.

13. All materials sold hereunder to Buyer are final and cannot be returned to Seller for credit unless Buyer obtains prior written approval from Seller's authorized representative. A 25% restocking fee shall be charged on all returned materials. Buyer may arrange for pickup of order at Seller's plant or shipment will be made by common carrier - "Freight Collect" - unless other arrangements are previously made. If, at Buyer's request, the delivery of materials is delayed, then Seller shall have the option to invoice Buyer for the price of materials, which invoice shall be due in accordance with the terms of payment provided herein. Buyer will reimburse Seller for the cost of storing materials if shipment is delayed by Buyer, and will assume any damages to the materials caused by deterioration.

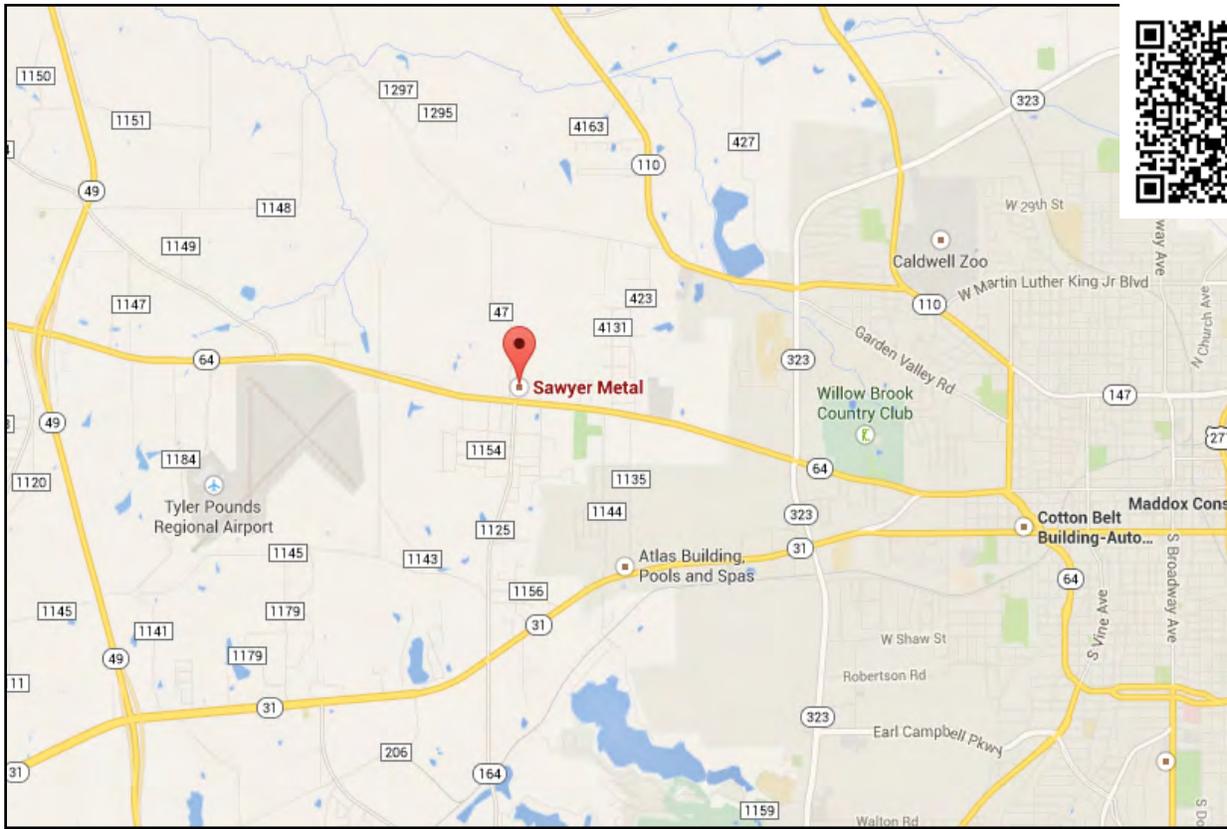
14. Upon receipt of payment in full, Seller warrants its workmanship only against failure due to defective material or workmanship for a period of one (1) year from date of manufacture; however, Buyer's sole and exclusive remedy shall be limited to the repair or replacement of defective part(s), F.O.B. Seller's plants (transportation, redesign, dismantling, disposal of material and installation are not included and shall be borne and paid for by Buyer). Any such replacement or repair shall not include any materials not sold by Seller hereunder, and specifically excludes any obligation by Seller related to other property of the Buyer or any property of third parties. UNDER NO CIRCUMSTANCES SHALL SELLER BE RESPONSIBLE OR LIABLE TO BUYER, OWNER(S) OR ANY THIRD PARTY, IN ANY RESPECT FOR, AND SELLER HEREBY EXPRESSLY DISCLAIMS ANY AND ALL WARRANTIES OR REPRESENTATIONS PERTAINING TO, PRESENT OR FUTURE WATER LEAKS, OR MOISTURE INTRUSION(S), DAMAGE(S), TO THE BUILDING(S), OR ANY COMPONENTS OR CONTENTS THEREOF, OR ANY INTERIOR SPACE(S) OR PROPERTY THEREIN, INCLUDING CLAIMS PERTAINING TO MOLD, MILDEW OR FUNGI, OR INTERRUPTION IN THE USE OF THE BUILDING(S) OR PERSONAL INJURY OR PROPERTY DAMAGE CLAIMS RESULTING FROM THE ALLEGED EXISTENCE OR GROWTH OF MOLD, MILDEW AND/OR FUNGI. As a condition precedent to the effectiveness of any warranty provided herein, all amounts due and owing to Seller under this or any other agreement with SELLER or Seller's affiliates, whether disputed or not by Buyer, must be fully paid. Seller's sole liability, if any, to Buyer shall be strictly limited to the written express warranties specified herein, and Buyer agrees and stipulates that Seller shall not be liable for any incidental, consequential, liquidated, exemplary or punitive damages, which Buyer may allegedly suffer for any reason, including reasons attributable to Seller. Seller does not warrant any products or materials that are not manufactured by Seller except to the extent of the warranty Seller may actually pass through or assign from the manufacturer. EXCEPT AS STATED ABOVE, SELLER HEREBY EXPRESSLY DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATIONS, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND THE PARTIES HERETO HEREBY STIPULATE THAT ALL SUCH WARRANTIES ARE HEREBY DISCLAIMED. Buyer acknowledges, agrees, and stipulates that oil-canning of materials shall not be a cause of rejection of materials. Claims for shortages or defective materials must be made to Seller in writing within five (5) days after delivery of shipment (which the Parties agree is a reasonable time), or any and all such claim(s) shall be conclusively waived and released by Buyer. Notwithstanding the foregoing, installation of materials shall unequivocally constitute irrevocable acceptance of said materials.

15. Any plans, specifications, details, descriptions, documents, terms and/or conditions not specifically referred to and accepted in this agreement are not a part hereof and shall not binding upon Seller. If requested, Seller will submit to Buyer approval drawings of the materials and/or Metal Building System which is the goods forming the subject matter of this contract. The approval drawings may consist of a floor plan, anchor bolt plan and cross section. In order for Seller to proceed with the preparation of detailed shop drawings and the manufacture of the materials, the Buyer shall return one (1) set of approval drawings to the Seller with a notation of the Buyer's outright approval subject to changes or corrections, if any, noted thereon. Approval as noted by the Buyer affirms that Seller has correctly interpreted the overall contract requirements for the materials and/or Metal Buildings Systems and its accessories, and the exact location of accessories. All material sold will be in substantial compliance to approved drawings only. Buyer may orally waive the right to receive and approve drawings; provided, however, that in waiving such right, Buyer accepts Seller's interpretation as being correct and further accepts all responsibility for any discrepancies in the materials and/or Metal Building System that a review of the said drawings would have revealed to Buyer. Detailed shop drawings of individual parts of the material or Metal Building System will not be furnished by Seller.

16. Buyer may submit a written request for change orders to Seller adding, deleting or altering the Quantity, Description or Specifications of material ordered. Seller, upon receipt of a written request for change order, shall price the requested changes and send to Buyer a price quotation thereof. Seller shall be under no obligation to accept or perform a request for change order unless Buyer accepts in writing, without alteration or adjustment, the change order at the prices and terms quoted by Seller.

17. BUYER ASSUMES ENTIRE RESPONSIBILITY AND LIABILITY FOR ANY CLAIMS OR ACTIONS BASED ON OR ARISING OUT OF INJURIES, INCLUDING DEATH, TO PERSONS OR DAMAGES TO OR DESTRUCTION OF PROPERTY (WHETHER BELONGING TO BUYER, BUILDING OWNER, AND/OR ANY THIRD PARTY), SUSTAINED OR ALLEGED TO HAVE BEEN SUSTAINED IN CONNECTION WITH OR TO HAVE ARISEN OUT OF OR INCIDENTAL TO THE PERFORMANCE OF THIS CONTRACT BY BUYER, ITS AGENTS AND EMPLOYEES, AND ITS SUBCONTRACTORS, THEIR AGENTS AND EMPLOYEES, INCLUDING CLAIMS OR ACTIONS FOUNDED IN WHOLE OR IN PART UPON THE ALLEGED ACTS, OMISSIONS, NEGLIGENCE OR FAULT OF SELLER, SELLER'S REPRESENTATIVES, OR THE EMPLOYEES, AGENTS, INVEITEES, OR LICENSEES THEREOF. BUYER FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD HARMLESS SELLER AND ITS REPRESENTATIVES, AND THE EMPLOYEES, AGENTS, INVEITEES AND LICENSEES THEREOF IN RESPECT OF ANY SUCH MATTERS AND AGREES TO DEFEND ANY CLAIM OR SUIT OR ACTION BROUGHT AGAINST SELLER, SELLER'S REPRESENTATIVE, AND THE EMPLOYEES, AGENTS, INVEITEES AND LICENSEES THEREOF. THE PARTIES HEREBY WAIVE THEIR RESPECTIVE RIGHTS UNDER THE DECEPTIVE TRADE PRACTICES-CONSUMER PROTECTION ACT, SECTIONS 17.41 THROUGH 17.63 INCLUSIVE, OF THE TEXAS BUSINESS AND COMMERCE CODE, A LAW THAT GIVES CONSUMERS SPECIAL RIGHTS AND PROTECTIONS. AFTER CONSULTATION WITH LEGAL COUNSEL, EACH VOLUNTARILY CONSENTS WITH THIS WAIVER.

18. This Agreement, along with Seller's store policies and any attached exhibits, constitutes the entire agreement of the parties herein.



Manufacturing American Quality – with Texas Pride

Mon - Thurs - 8am - 5pm, Fri - 8am - 4:30pm
12562 State Hwy 64W - Tyler, TX (1.8 miles from Loop 323 toward airport)
903.531.0182 • FAX: 903.531.2402 • www.sawyermetal.com

Warranty Information

The only warranties available are those issued in writing by the manufacturer and no other warranties either implied or expressed are to be considered.

PLEASE NOTE: Actual colors may vary from the sample swatches shown. These colors may not match those of other companies despite color names being identical.

Different paint systems may have slightly different color shades between systems even though the color name is the same.

Film thickness on 40-Year SMP painted material is 1.0 mils nominal (± 0.2 mils) on the finish colors, 0.5 mils nominal (± 0.1 mils) on the reverse side. Both thicknesses are inclusive of the primer.

Film thickness on 10-Year & Non-Warranties material is 0.8 mils nominal (± 0.2 mils) on the finish color, 0.5 mils nominal (± 0.1 mils) on the reverse side. Both thicknesses are inclusive of the primer.

Non-Warranted panels are sold (AS IS) with possible imperfections and are not rejectable.

All painted material has an Off-White, Non-Warranted, straight polyester wash coat on the reverse side. Reverse side shades may vary but this is not a cause for rejection.

These COLOR NAME PREFIXES will be used to identify the PAINT SYSTEMS shown:
NW = Non-Warranted Polyester, POLY = 10-Year Polyester, SMP = 40-Year Siliconized Polyester.





903.531.0182 • www.sawyermetal.com
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