

FABRICATION NOTES

THIS SYSTEM IS DESIGNED TO HAVE SIMPLE FABRICATION, CONSISTING OF SQUARE CUTS AND DRILLED HOLES. THE HORIZONTALS ARE 0.175" NARROWER IN DEPTH THAN THE VERTICALS, THUS AVOIDING NOTCHING FOR THE GLAZED FIN. THIS DOES MEAN THE GLAZING GASKETS OF THE VERTICALS NEEDS TO BE 0.175" THICKER TO ACCOMODATE THAT DIFFERENCE.

THIS SYSTEM IS DESIGNED FOR USE WITH #10 SELF-TAPPING SCREWS.

THE SYSTEM CAN BE ROTATED 90° TO FORM BAYS OF VERTICAL LITES.

FLASHING PROVIDES WATER TIGHTNESS FOR THIS SYSTEM BY SHUNTING INFILTRATED WATER TO THE OUTSIDE.

GASKET INFORMATION

REED RUBBER PRODUCTS

1-800-325-9698	3645	ROLL-IN INTERIOR (HORIZONTAL AND VERTICAL)
	4001	EXTERIOR PRE-SET (HORIZONTALS)
	4002	EXTERIOR PRE-SET (VERTICALS)
	4005	MULLION U-CHANNEL
	4006	PERIMETER WIPER GASKET (LIGHT)
	4007	HEAD PERIMETER GASKET (HEAVY)

TREMCO

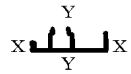
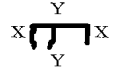
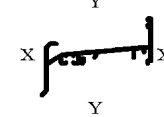
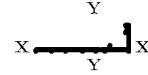
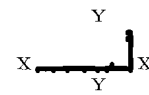
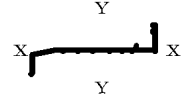
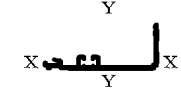


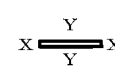

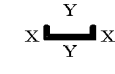
1-800-321-6357	TR-2531N	EXTERIOR GASKET (HORIZONTAL)
	TR-2532N	EXTERIOR GASKET (VERTICAL)
	TR-2533E	INTERIOR GASKET

NO TEST DATA AVAILABLE
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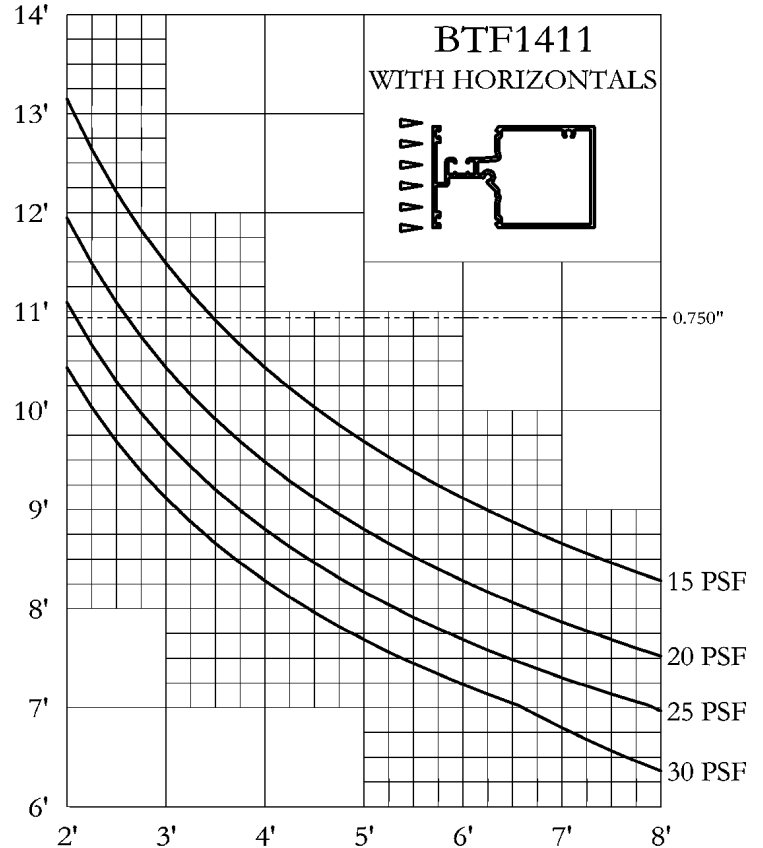
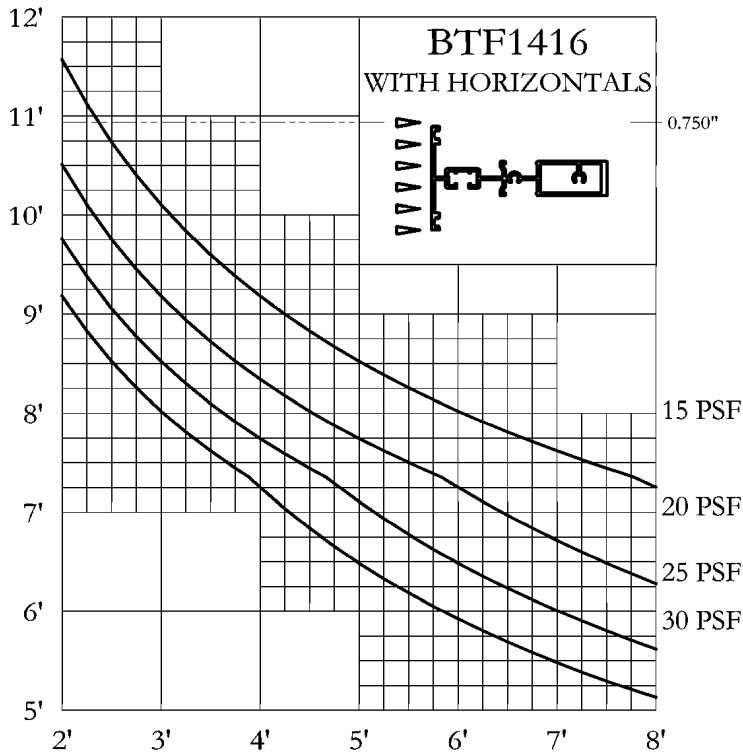
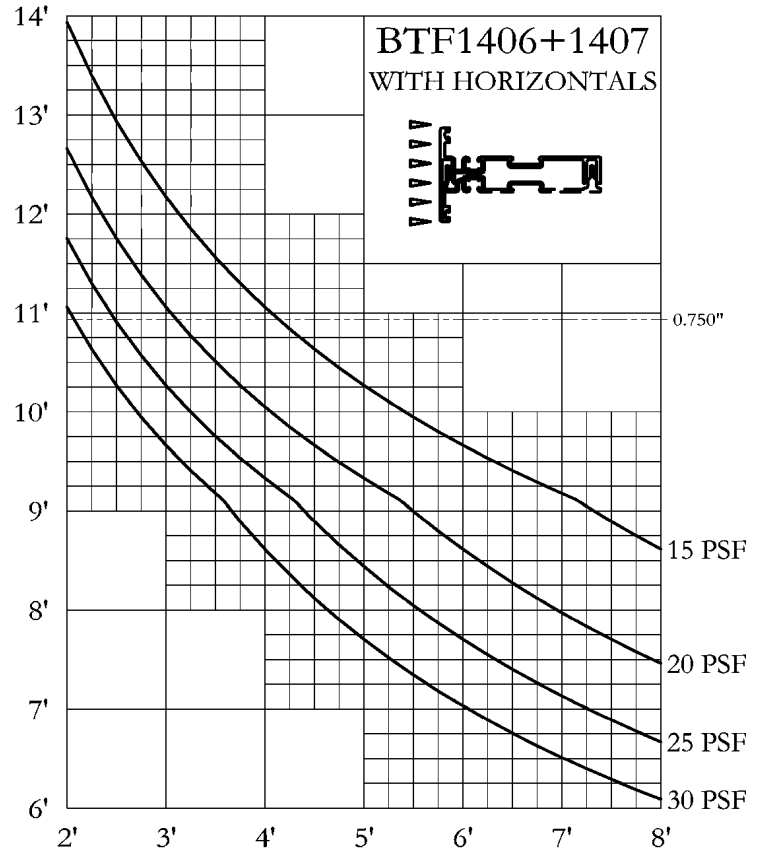
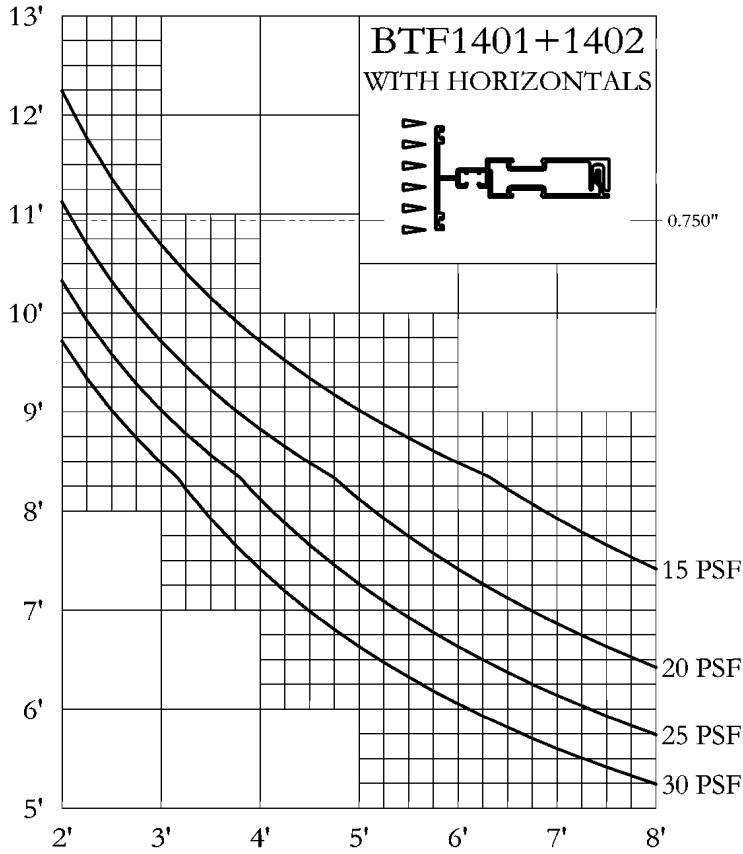
PRICING FACTORS
4" THERMAL FRAMING
BTF-1400 SERIES



WEIGHT PER FT	EST PER	FACTOR	CAVITY AREA	PART NUMBER	STRUCTURAL VALUES			1/8 SIZE DETAILS
					X-X	Y-Y		
0.738	19.477	26	CC	BTF1400	0.080	I	1.107	
					0.080	S	0.477	
0.833	19.653	24	CC	BTF1401	0.142	I	1.567	
					0.108	S	0.678	
0.326	8.701	27	N/A	BTF1402	0.007	I	0.238	
					0.015	S	0.165	
0.840	19.330	23	AA	BTF1406	0.121	I	1.562	
					0.084	S	0.618	
0.654	15.424	24	AA	BTF1407	0.036	I	1.102	
					0.043	S	0.487	
0.808	20.623	26	CC	BTF1410	0.185	I	1.183	
					0.229	S	0.574	
1.465	20.145	21	CC	BTF1411	0.799	I	2.237	
					0.649	S	1.149	
0.752	19.280	26	CC	BTF1412	0.073	I	0.998	
					0.072	S	0.463	
0.990	18.756	24	CC	BTF1416	0.131	I	1.525	
					0.116	S	0.748	
0.829	21.076	25	CCS	BTF1417	0.181	I	1.100	
					0.211	S	0.535	
1.052	26.876	26	CCS	BTF1418	0.545	I	1.525	
					0.417	S	0.725	
0.131	3.352	26	N/A	BTF1419	0.000	I	0.015	
					0.000	S	0.022	
1.415	18.212	20	CC	BTF1423	0.740	I	2.057	
					0.568	S	1.059	
0.731	18.860	26	CCS	BTF1424	0.171	I	0.967	
					0.223	S	0.499	
0.157	4.752	30	N/A	BTF1426	0.009	I	0.009	
					0.020	S	0.020	

WEIGHT PER FT	EST PER	FACTOR	CAVITY AREA	PART NUMBER	STRUCTURAL VALUES			1/8 SIZE DETAILS
					X-X	I	Y-Y	
0.440	12.349	28	N/A	BTF1428	0.026	I	0.337	
					0.037	S	0.216	
0.355	10.225	29	N/A	BTF1429	0.023	I	0.183	
					0.034	S	0.148	
0.952	22.467	24	CCS	BTF1430	0.250	I	2.089	
					0.149	S	0.924	
0.433	11.294	26	N/A	BTF1432	0.032	I	0.552	
					0.036	S	0.232	
0.469	12.261	26	N/A	BTF1433	0.087	I	0.607	
					0.070	S	0.245	
0.833	14.910	18	N/A	BTF1434	0.079	I	2.183	
					0.076	S	0.796	
0.856	17.084	20	DD	BTF431	0.129	I	1.627	
					0.085	S	0.628	
0.193	5.964	31	N/A	BTF420	0.015	I	0.021	
					0.025	S	0.043	
0.221	4.608	21	N/A	BIW311	0.004	I	0.043	
					0.008	S	0.045	
0.750	5.473	7	N/A	A1369	0.003	I	0.325	
					0.024	S	0.260	
0.526	7.250	14	N/A	A1418	0.042	I	0.201	
					0.061	S	0.230	
0.413	5.750	14	N/A	A1455	0.006	I	0.166	
					0.016	S	0.166	

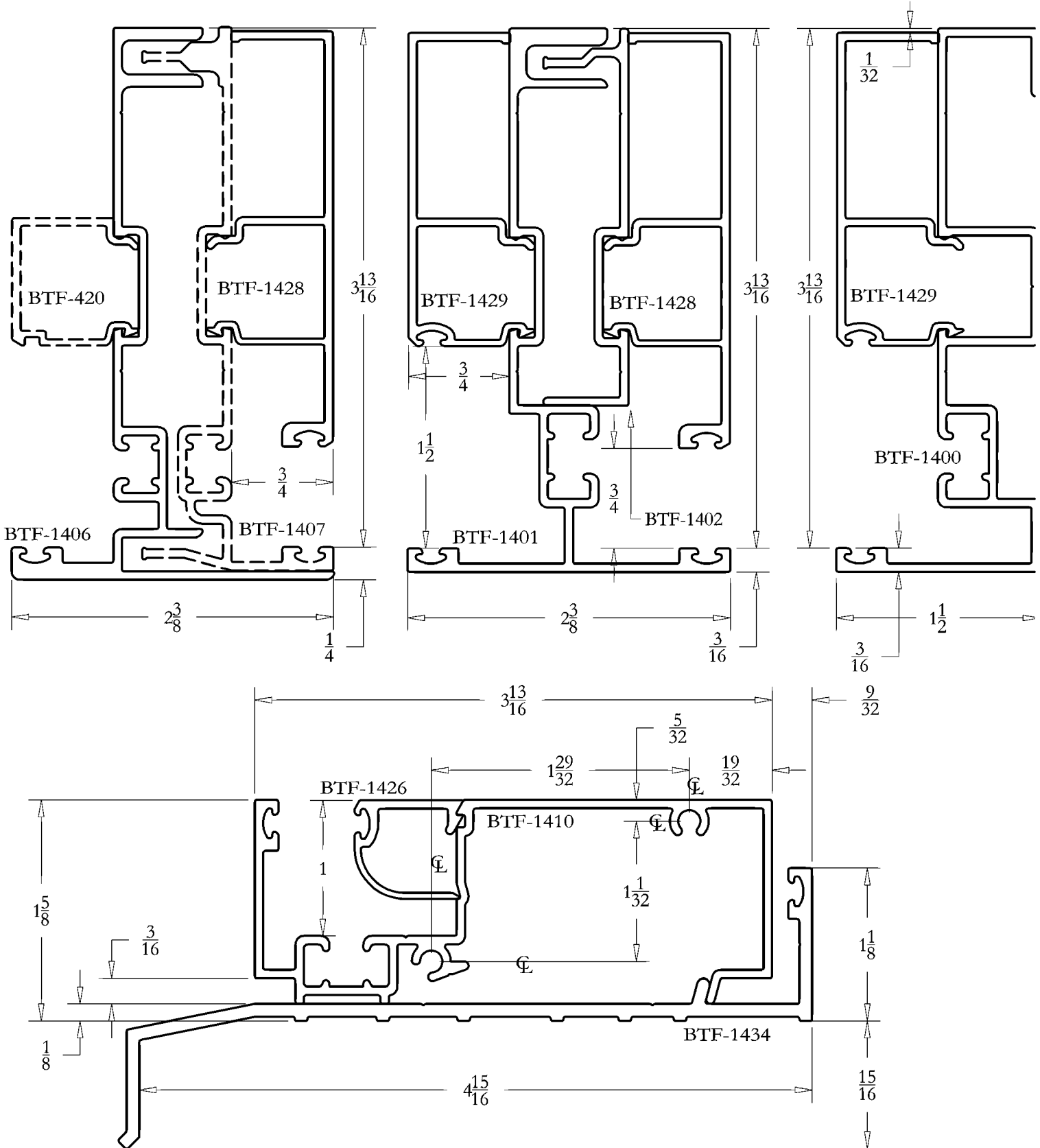
WINDLOAD CHARTS
4" THERMAL FRAMING
BTF-1400 SERIES



#1 THESE WINDLOAD CHARTS ARE BASED UPON THE LESSER OF DEFLECTION RATIO ($L/175$) OR STRESS (12667)

#2 THESE STRUCTURAL CURVES ARE ESTIMATES AND ARE PRESENTED TO THE BEST KNOWLEDGE OF THE WILLIAM L BONNELL CO. IT IS, HOWEVER, THE RESPONSIBILITY OF THE CUSTOMER TO BE SATISFIED THAT THE CURVES ARE CORRECT. THE WILLIAM L BONNELL CO. MAY NOT BE HELD RESPONSIBLE IN ANY WAY FOR THE FAILURE OF PERFORMANCE RESULTING FROM THE USE OF THESE CURVES.

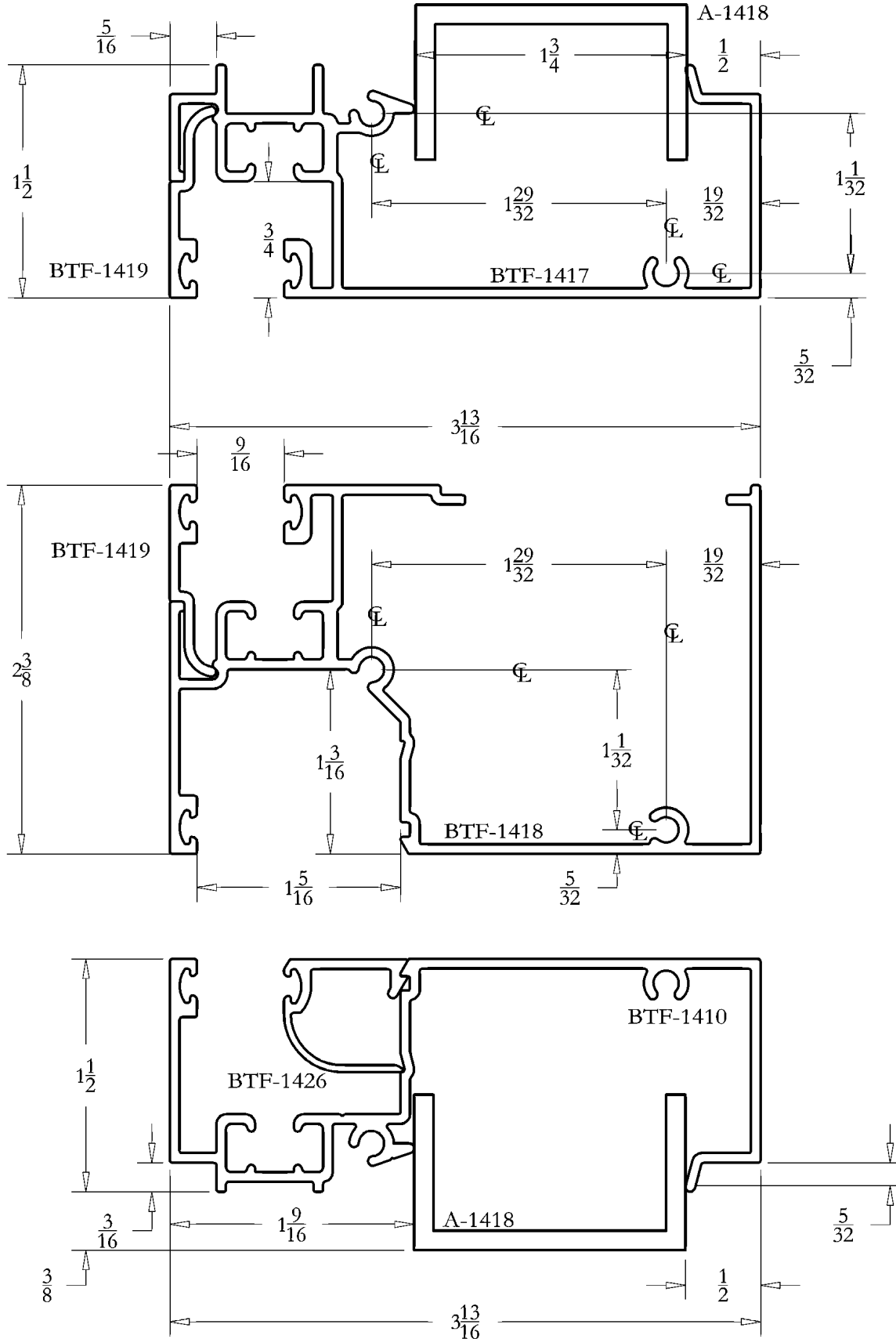
FULL SIZE DETAILS



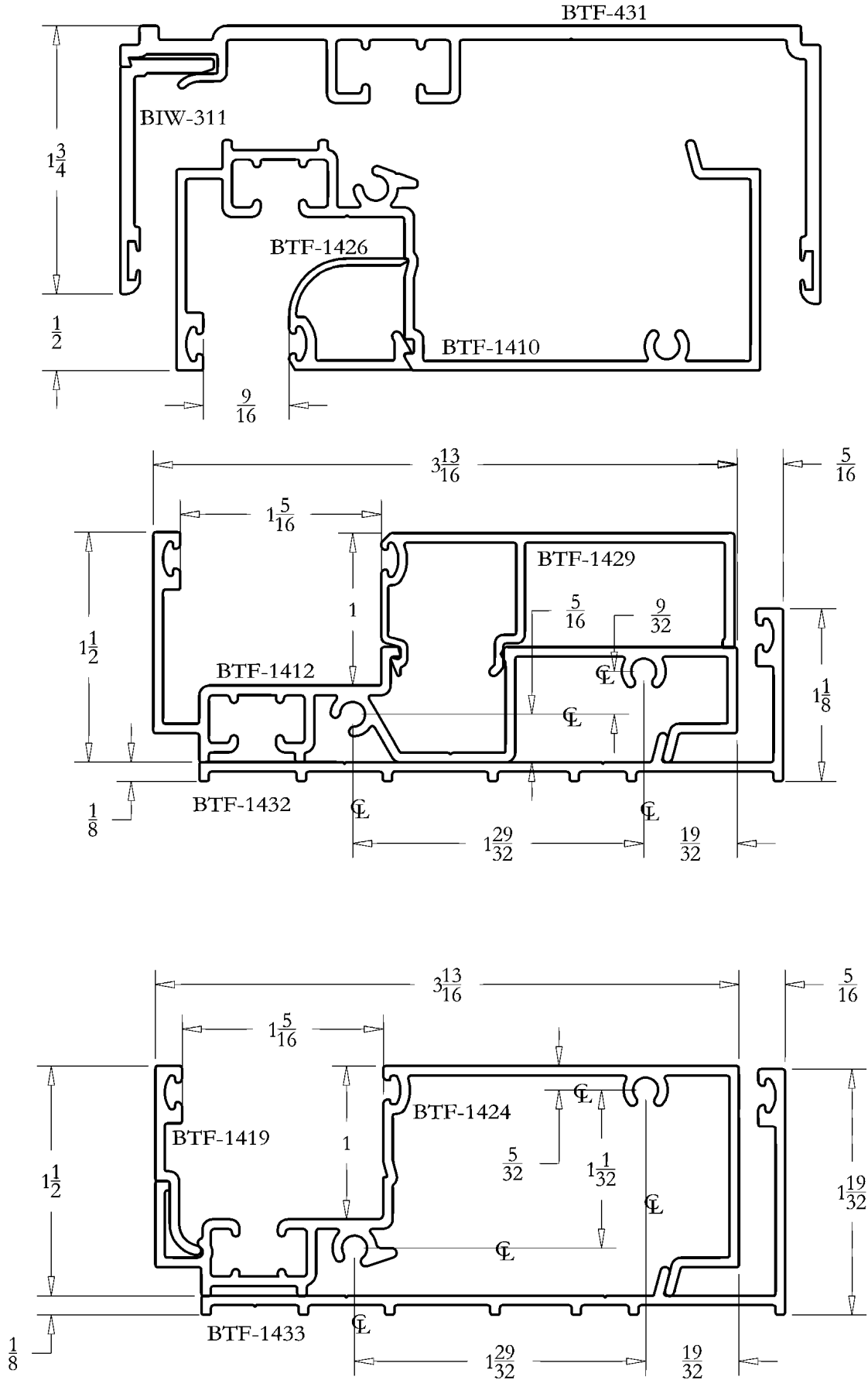
DETAIL SHEET
4" THERMAL FRAMING
BTF-1400 SERIES



FULL SIZE DETAILS



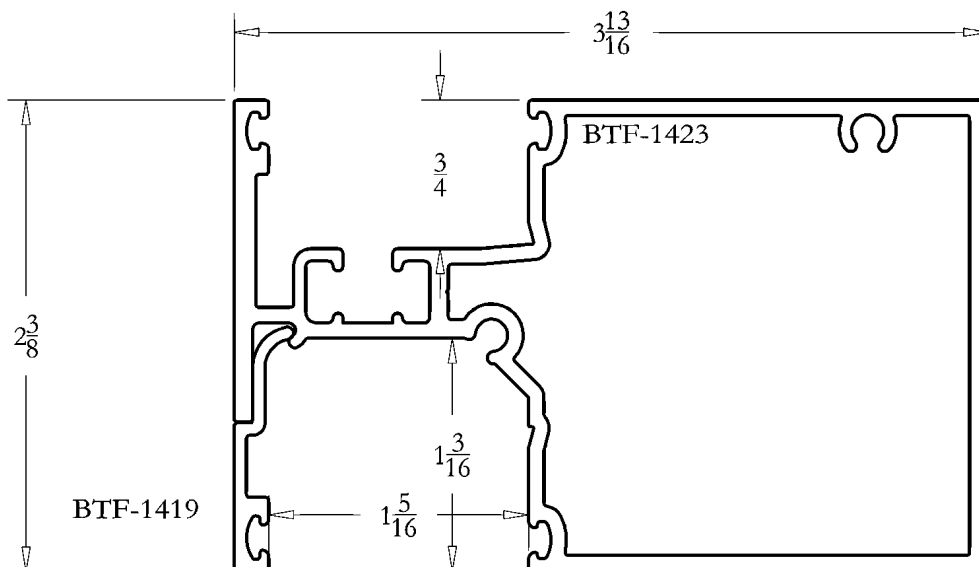
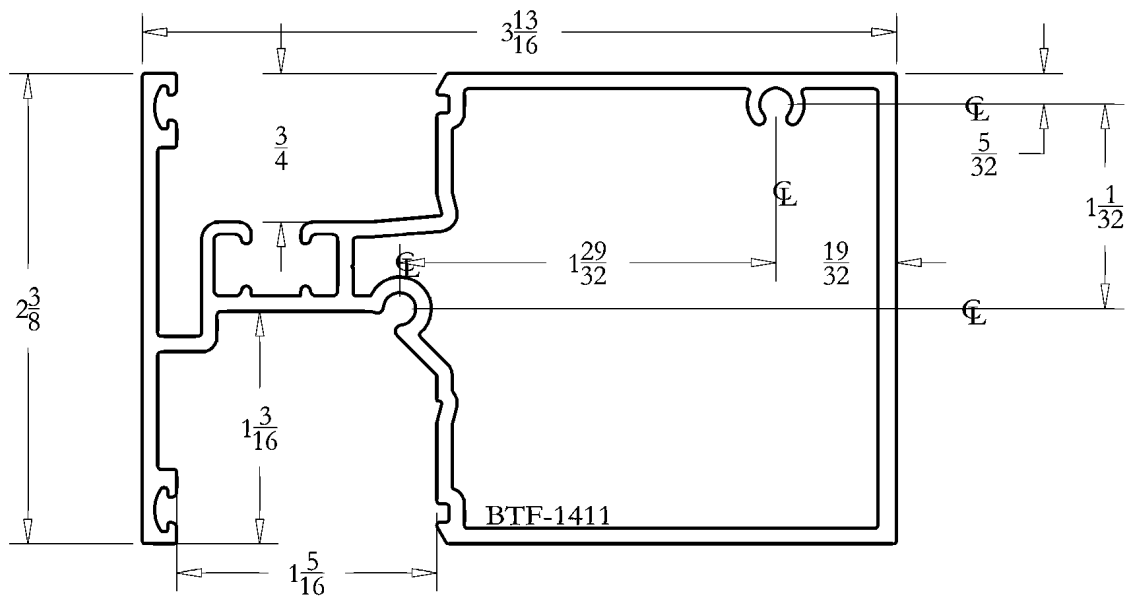
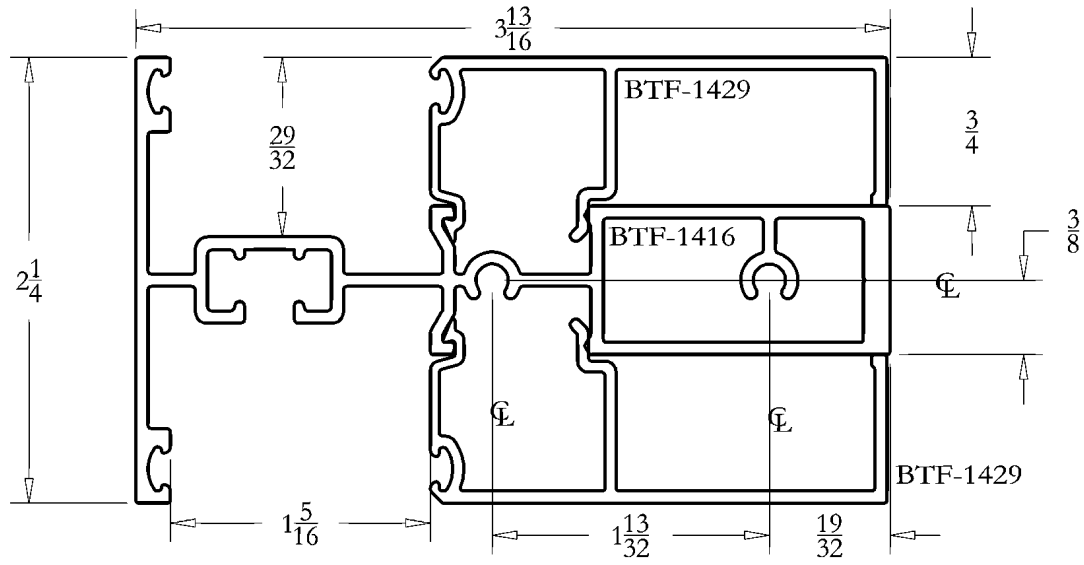
FULL SIZE DETAILS



DETAIL SHEET
4" THERMAL FRAMING
BTF-1400 SERIES



FULL SIZE DETAILS



FULL SIZE DETAILS

