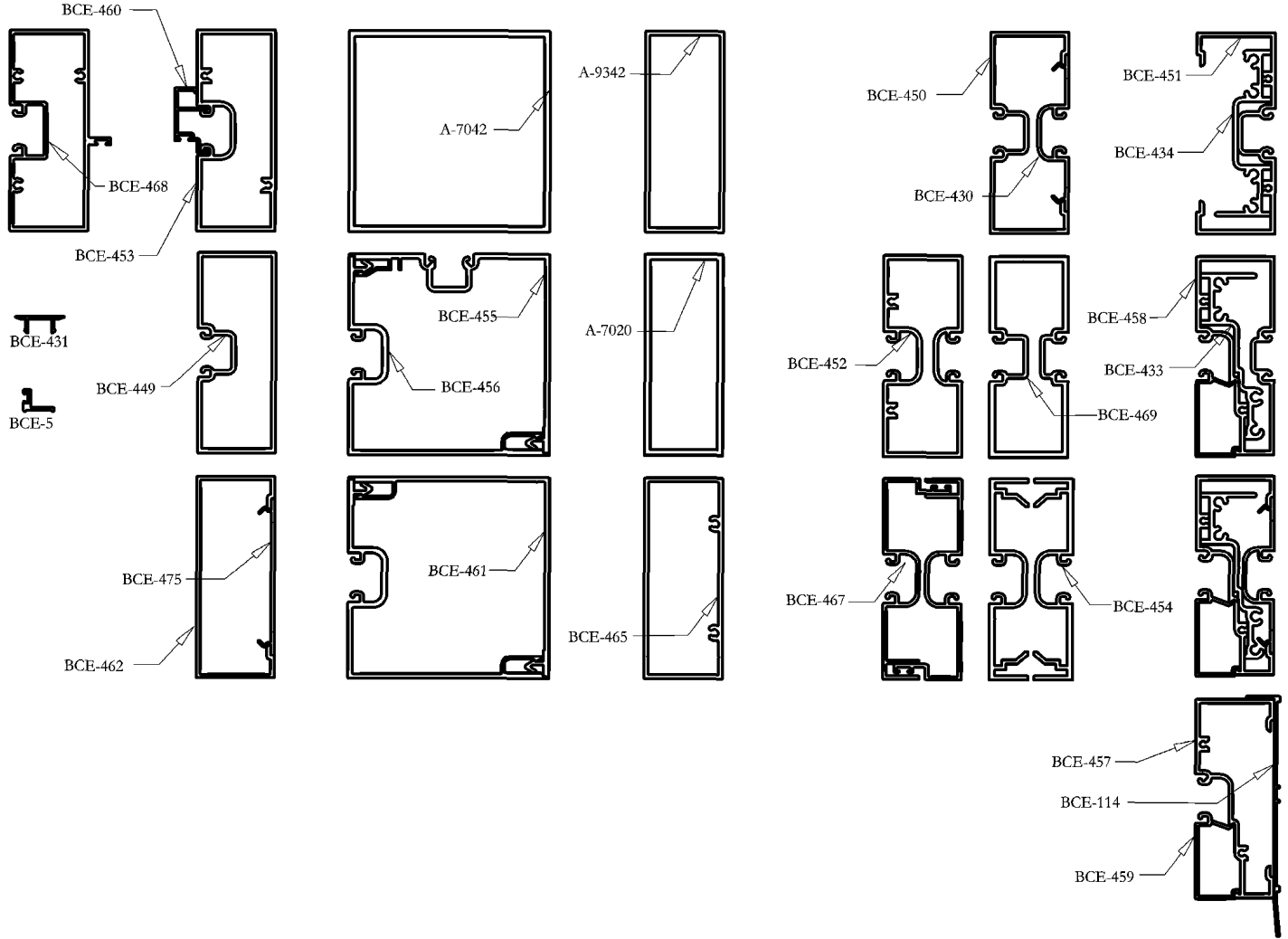


1/4 SIZE DETAILS



THIS SYSTEM IS DESIGNED TO BE ASSEMBLED WITH #8 SCREWS EXCEPT WHERE NOTED

GASKETS

UNIVERSAL RUBBER COMPANY 800-782-2375	#2028	INTERIOR & EXTERIOR
REED RUBBER PRODUCTS 800-325-9698	#3734 #4893	INTERIOR & EXTERIOR ALTERNATIVE
TREMCO 800-321-6357	TR-2062E	INTERIOR & EXTERIOR

DOOR PILE


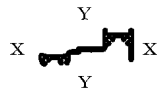
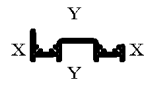
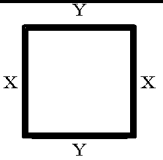
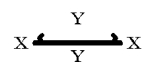

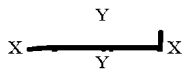
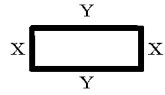
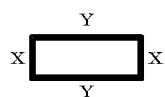
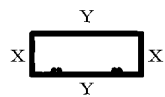
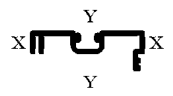
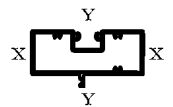
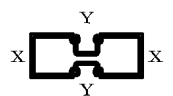
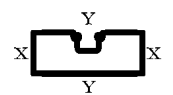
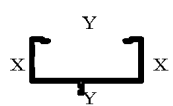
SCHLEGEL CORP. 800-828-6237	AS SELECTED	USED WITH BCE-5 AND LIKE SHAPES
AMESBURY GROUP INC. 704-878-6892	AS SELECTED	USED WITH BCE-5 AND LIKE SHAPES

NO TEST DATA AVAILABLE
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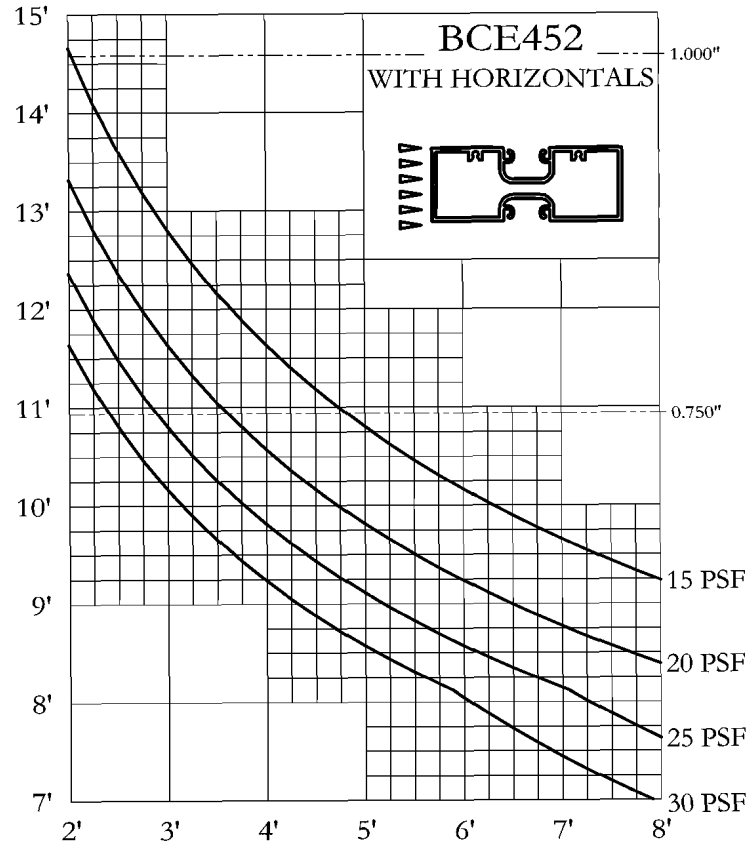
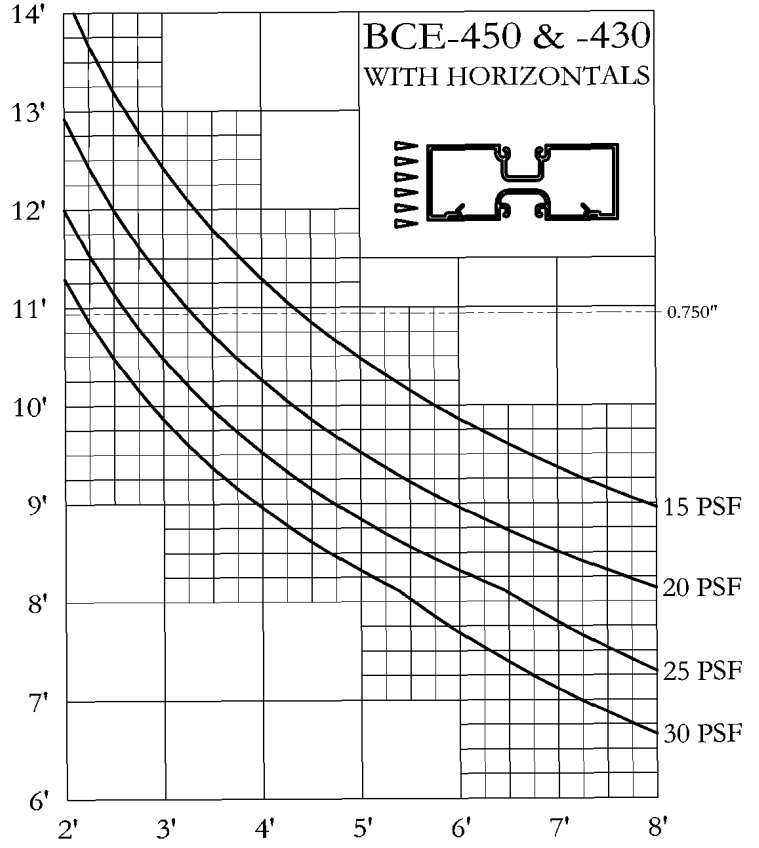
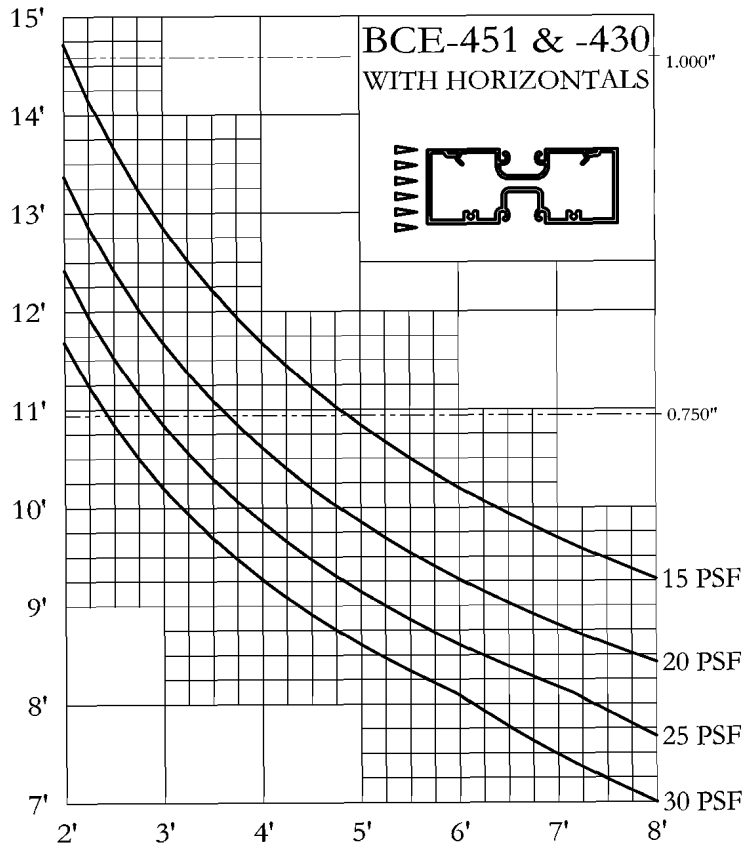
PRICING FACTORS
1 3/4" X 4 1/2" FLUSH GLAZED
BCE-450 SERIES



WEIGHT PER FT	EST PER	FACTOR	CAVITY AREA	PART NUMBER	STRUCTURAL VALUES			1/8 SIZE DETAILS
					X-X	Y-Y		
1.152	22.364	19	N/A	BCE450	0.353	I	2.436	
					0.313	S	1.083	
1.302	23.816	18	N/A	BCE451	0.379	I	2.743	
					0.329	S	1.219	
1.898	18.180	18	N/A	BCE452	0.671	I	3.103	
					0.741	S	1.379	
1.716	15.536	17	N/A	BCE453	0.675	I	3.062	
					0.756	S	1.361	
1.210	20.087	17	N/A	BCE454	0.079	I	2.228	
					0.141	S	0.990	
1.486	25.304	17	N/A	BCE455	2.486	I	2.660	
					0.761	S	0.878	
1.584	25.784	16	N/A	BCE456	2.735	I	2.569	
					0.914	S	0.782	
1.110	20.116	18	N/A	BCE457	0.289	I	2.227	
					0.311	S	0.911	
1.558	14.846	18	N/A	BCE458	0.446	I	2.425	
					0.431	S	1.017	
0.295	8.202	28	N/A	BCE459	0.021	I	0.129	
					0.030	S	0.132	
0.251	7.076	28	N/A	BCE460	0.010	I	0.043	
					0.020	S	0.056	
1.267	21.440	17	N/A	BCE461	2.454	I	2.503	
					0.770	S	0.791	
0.955	18.650	20	N/A	BCE462	0.363	I	2.400	
					0.316	S	1.067	
0.552	12.277	22	N/A	BCE430	0.025	I	0.395	
					0.055	S	0.226	

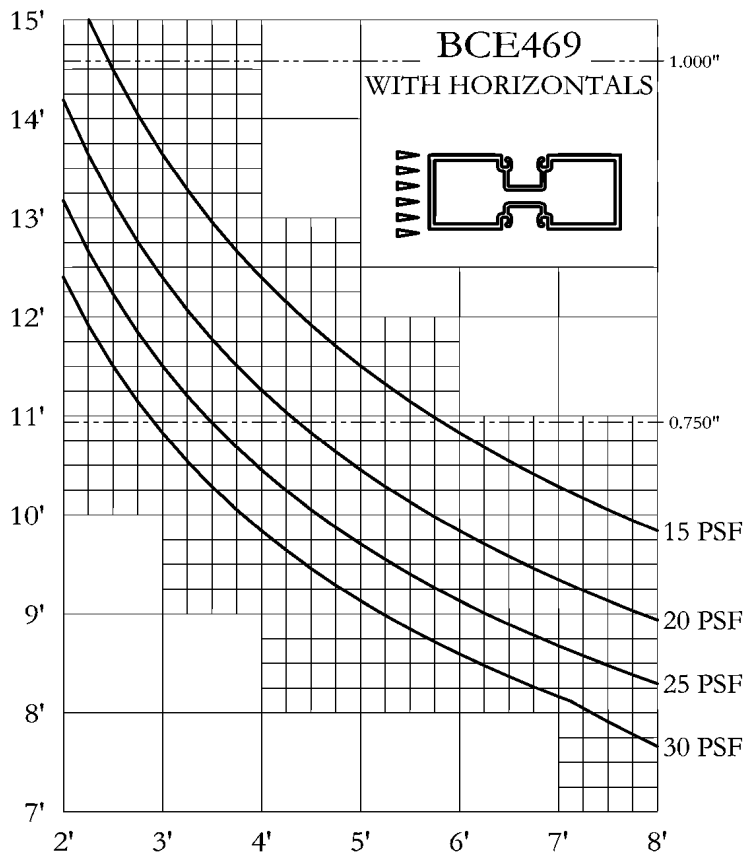
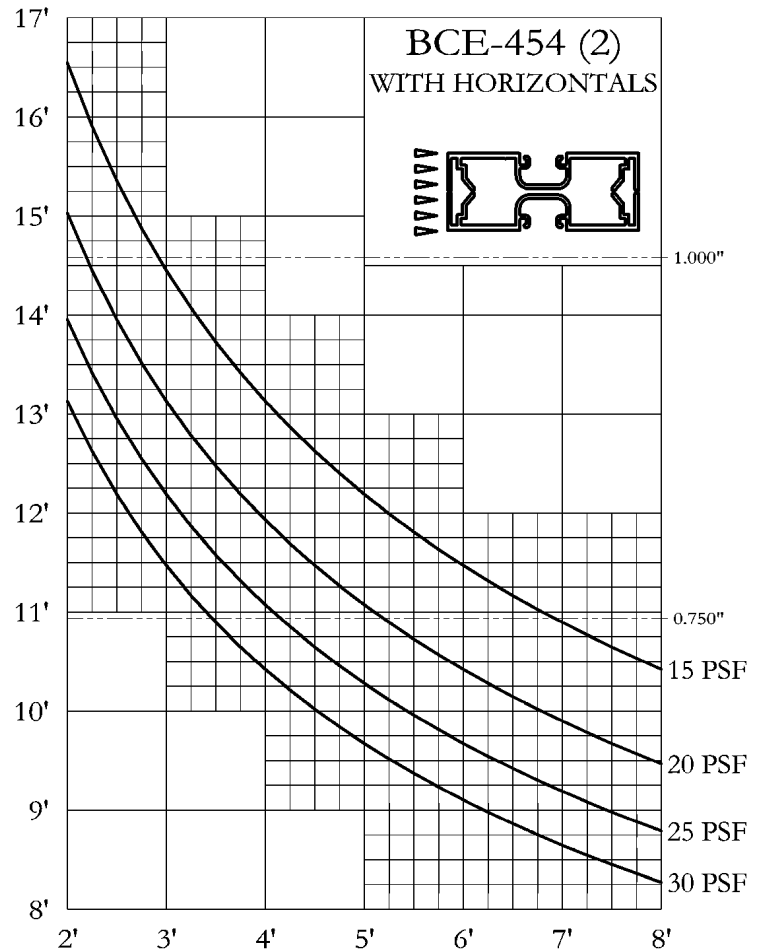
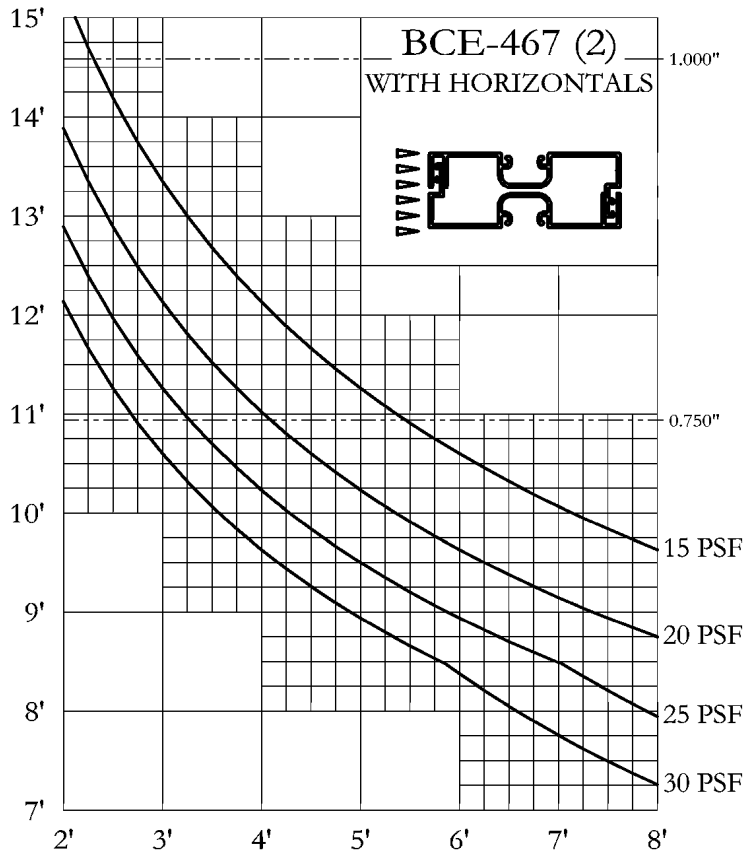
WEIGHT PER FT	EST PER	FACTOR	CAVITY AREA	PART NUMBER	STRUCTURAL VALUES			1/8 SIZE DETAILS
					X-X	Y-Y		
0.112	3.494	31	N/A	BCE431	0.001 I 0.008 0.004 S 0.015			
0.899	14.003	16	N/A	BCE433	0.106 I 1.103 0.143 S 0.518			
0.979	15.098	15	N/A	BCE434	0.058 I 1.271 0.074 S 0.636			
2.626	17.973	13	N/A	A7043	6.984 I 6.984 3.104 S 3.104			
0.370	8.473	23	N/A	BCE475	0.001 I 0.356 0.003 S 0.203			
0.109	2.712	25	N/A	BCE5	0.002 I 0.004 0.006 S 0.009			
0.474	12.592	27	N/A	BCE114	0.006 I 1.116 0.010 S 0.375			
1.368	12.473	18	N/A	A9342	0.640 I 2.853 0.731 S 1.268			
1.800	12.488	13	N/A	A7020	0.814 I 3.693 0.930 S 1.641			
1.464	12.473	18	N/A	BCE465	0.676 I 2.973 0.734 S 1.321			
0.943	20.196	21	N/A	BCE467	0.111 I 1.758 0.100 S 0.748			
1.656	17.044	19	N/A	BCE468	0.697 I 2.858 0.521 S 1.260			
2.081	17.268	15	N/A	BCE469	0.753 I 3.752 0.856 S 1.668			
1.588	14.988	18	N/A	BCE449	0.635 I 2.918 0.713 S 1.297			
1.069	19.896	19	N/A	BCE463	0.413 I 2.580 0.346 S 1.140			

WINDLOAD CHARTS
1 3/4" X 4 1/2" FLUSH GLAZED
BCE-450 SERIES



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

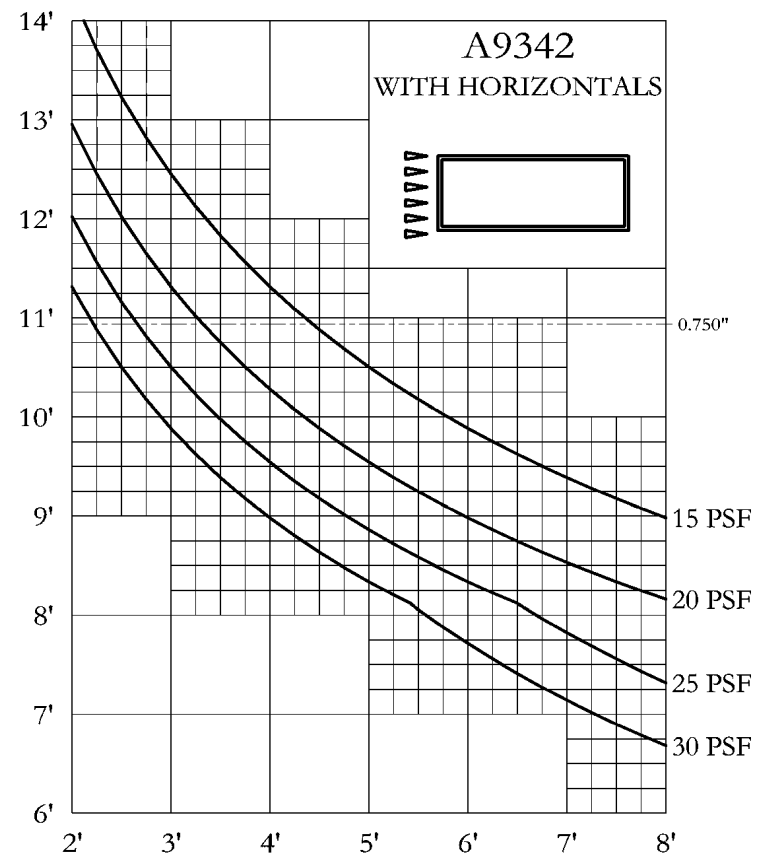
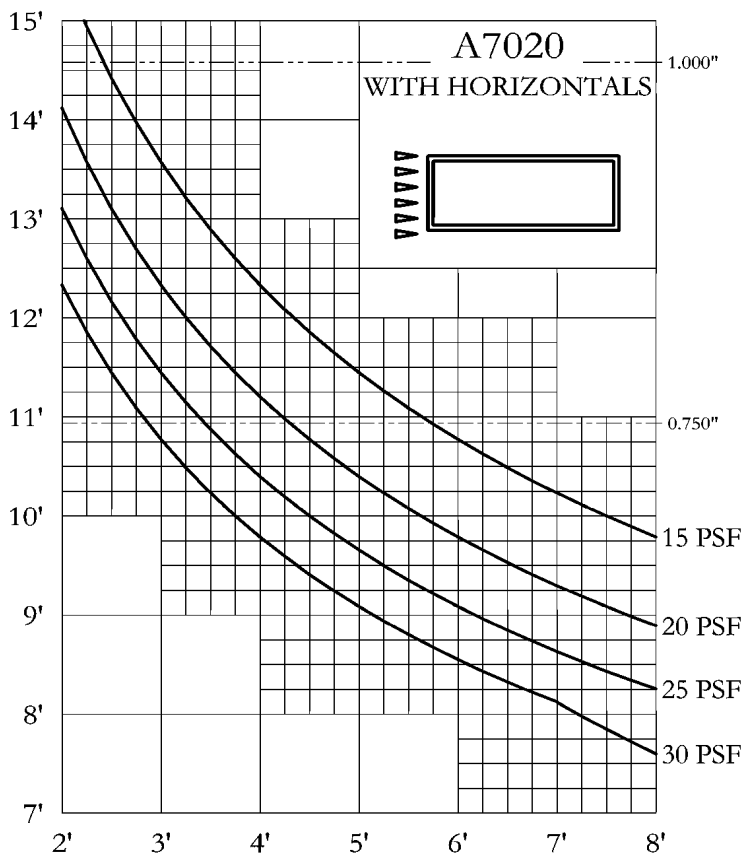
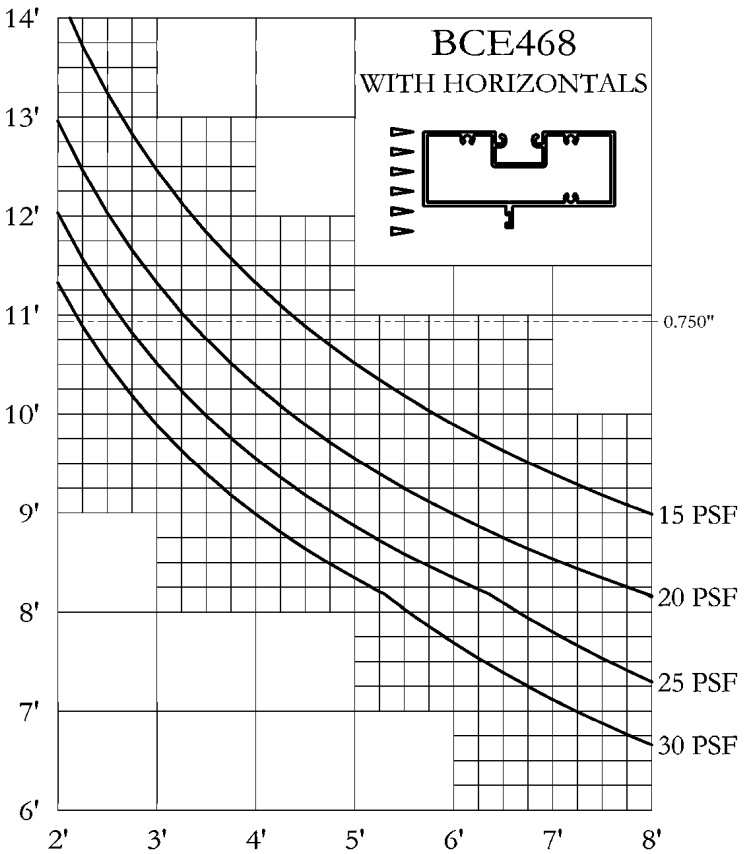
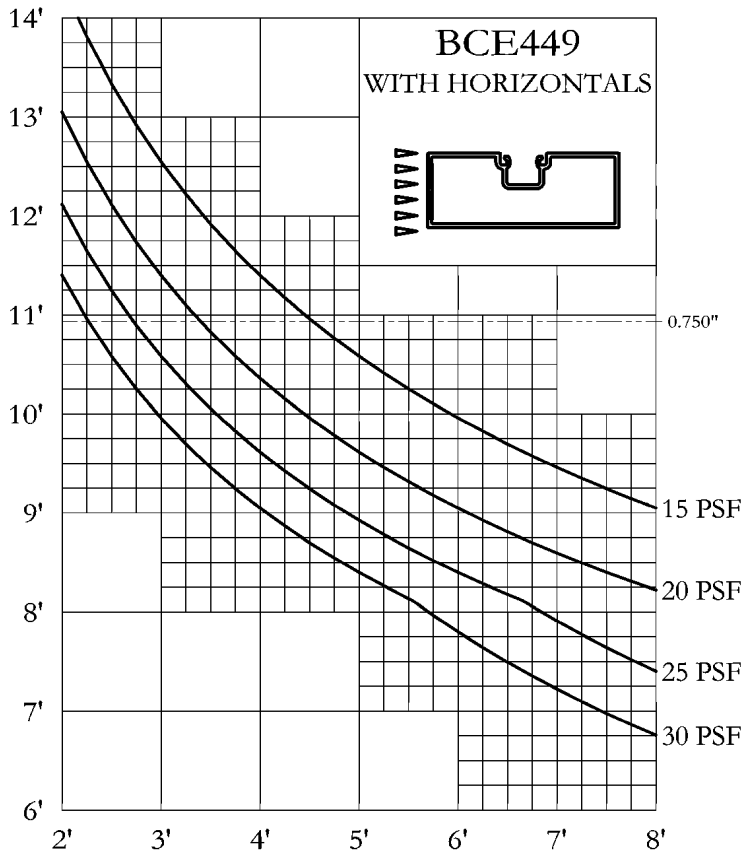
#2 THESE STRUCTURAL CURVES ARE ESTIMATES AND ARE PRESENTED TO THE BEST KNOWLEDGE OF THE WILLIAM L BONNELL CO. IT IS, HOWEVER, THE RESPONSIBILITY OF THE CUSTOMER TO BE SATISFIED THAT THE CURVES ARE CORRECT. THE WILLIAM L BONNELL CO. MAY NOT BE HELD RESPONSIBLE IN ANY WAY FOR THE FAILURE OF PERFORMANCE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



#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.

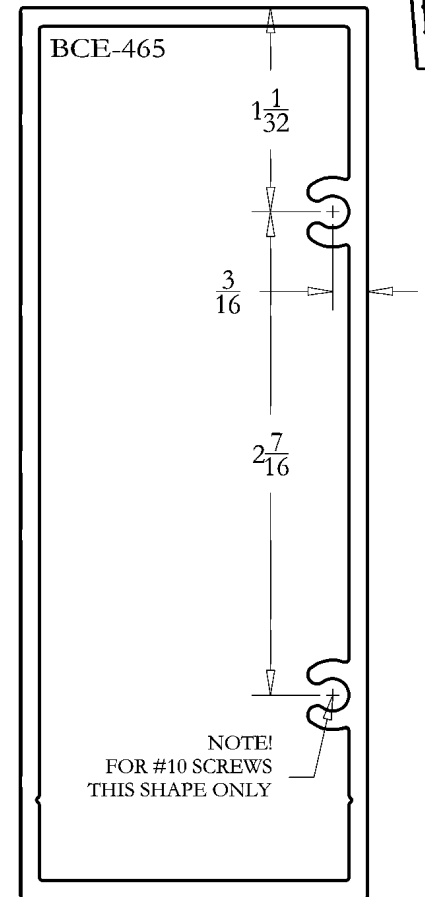
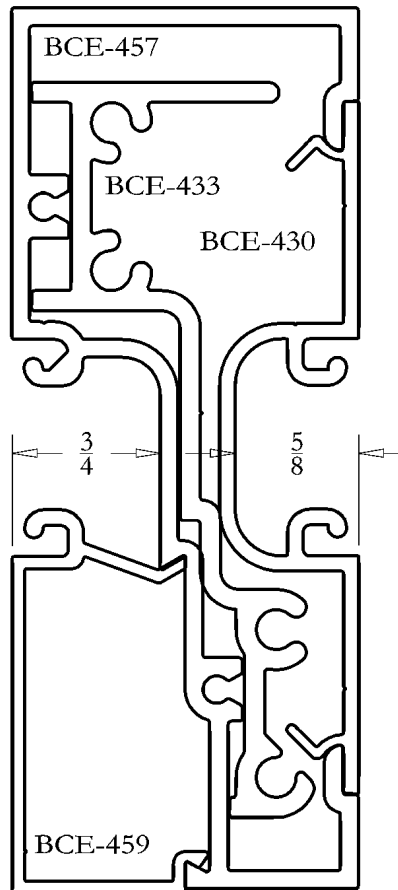
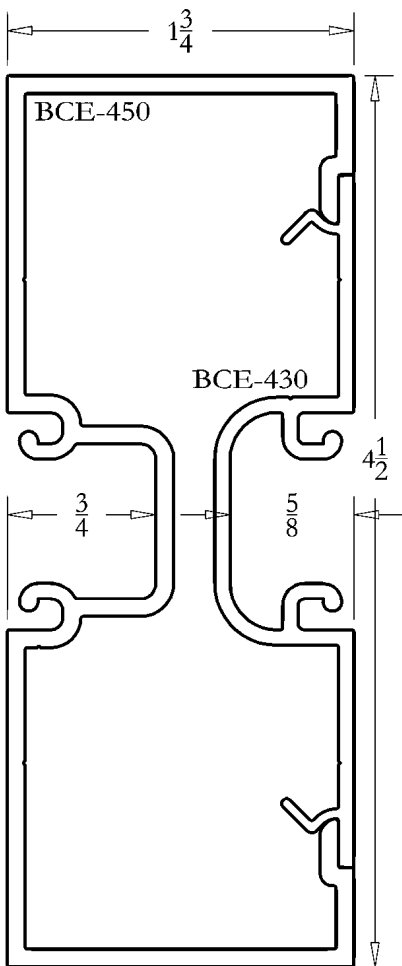
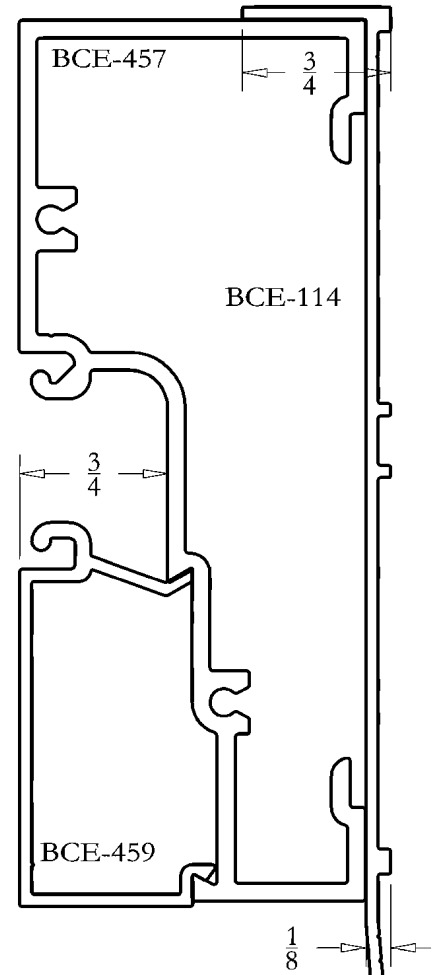
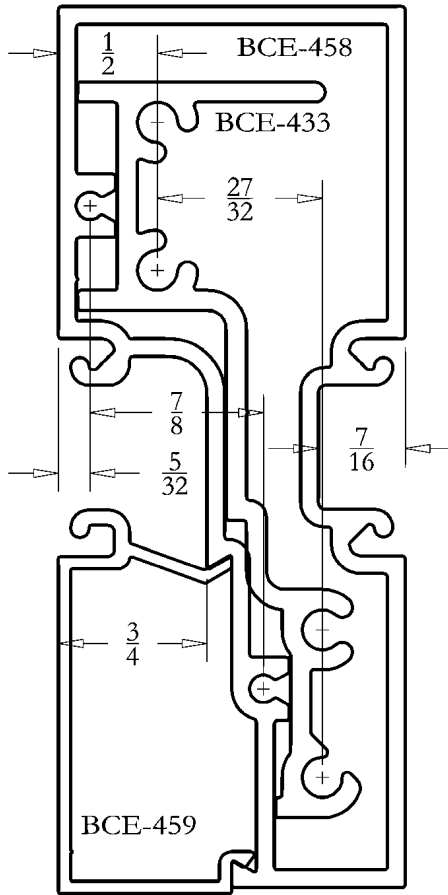
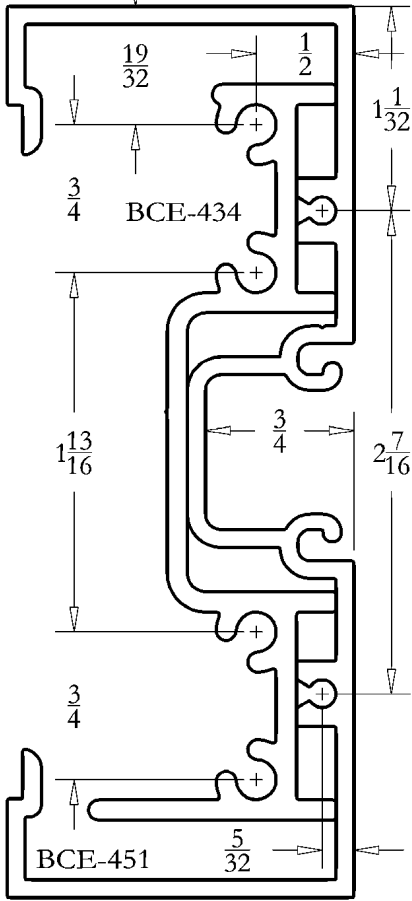
WINDLOAD CHARTS
1 3/4" X 4 1/2" FLUSH GLAZED
BCE-450 SERIES



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

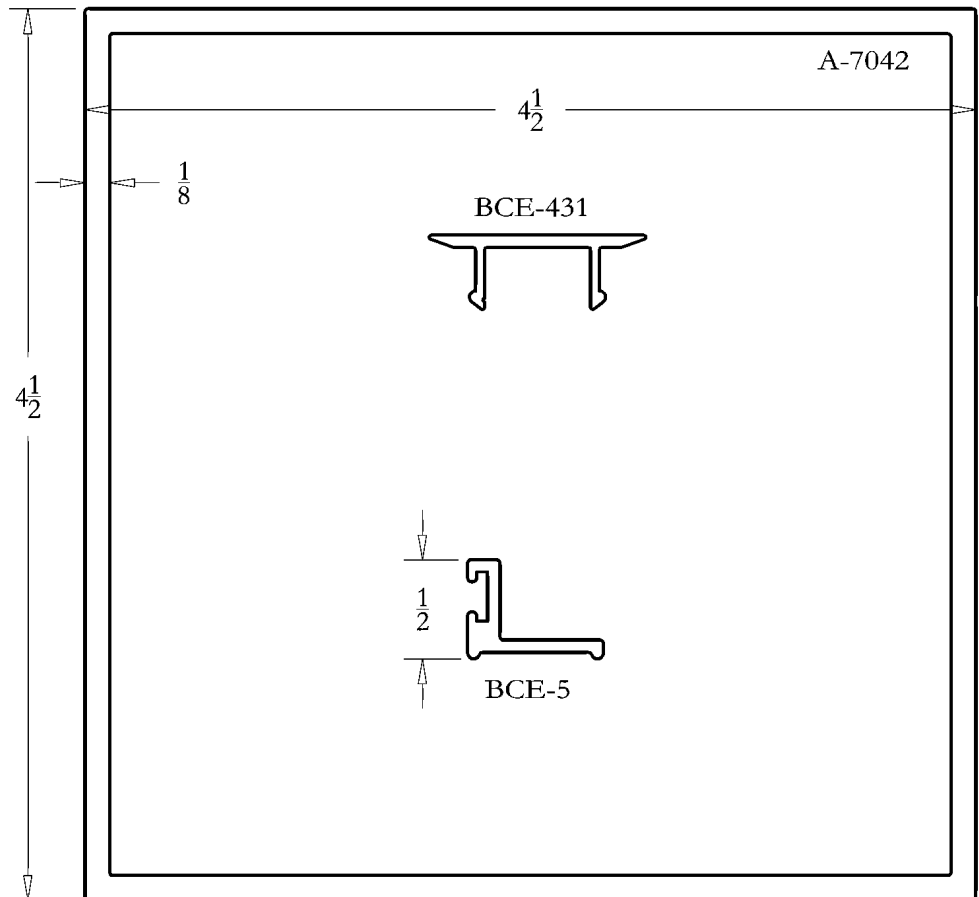
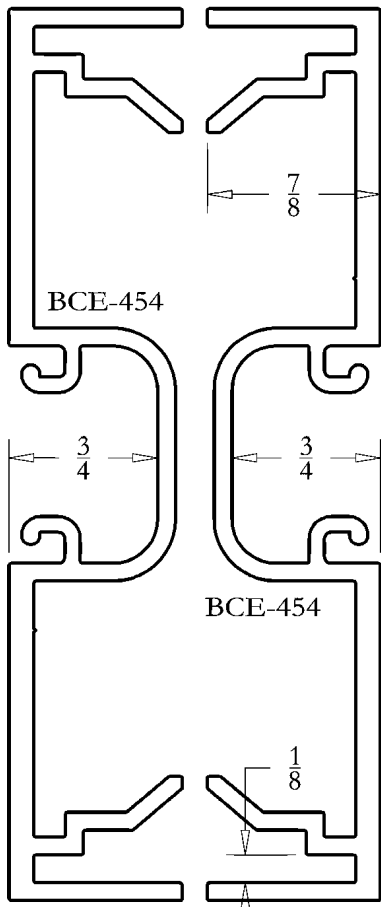
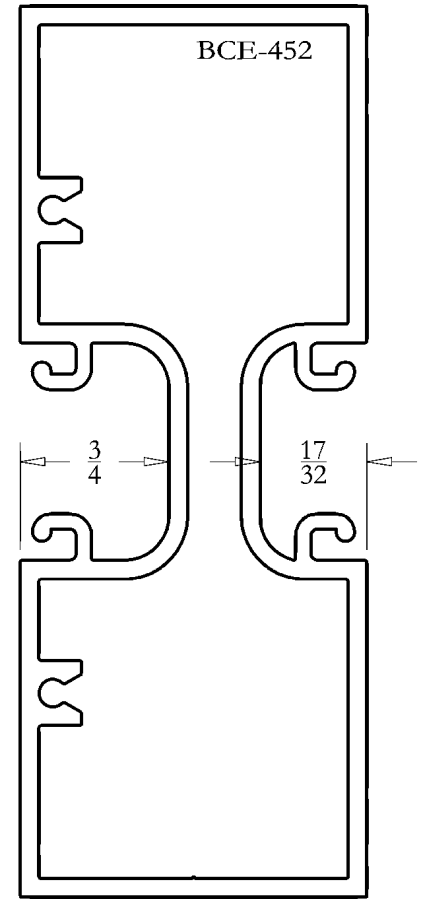
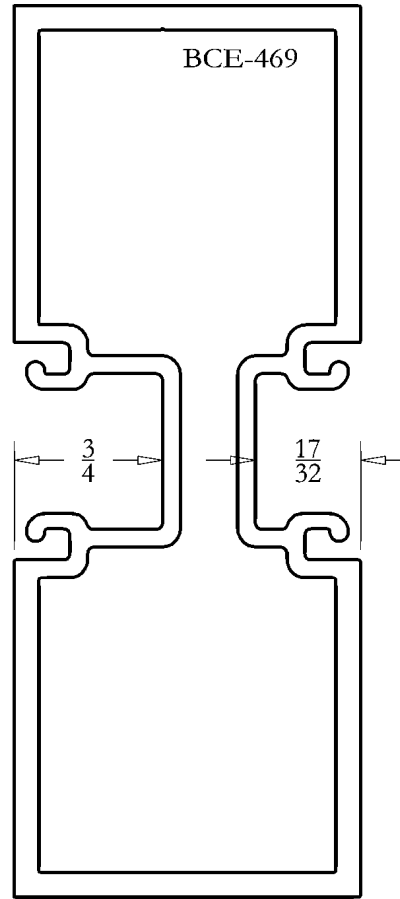
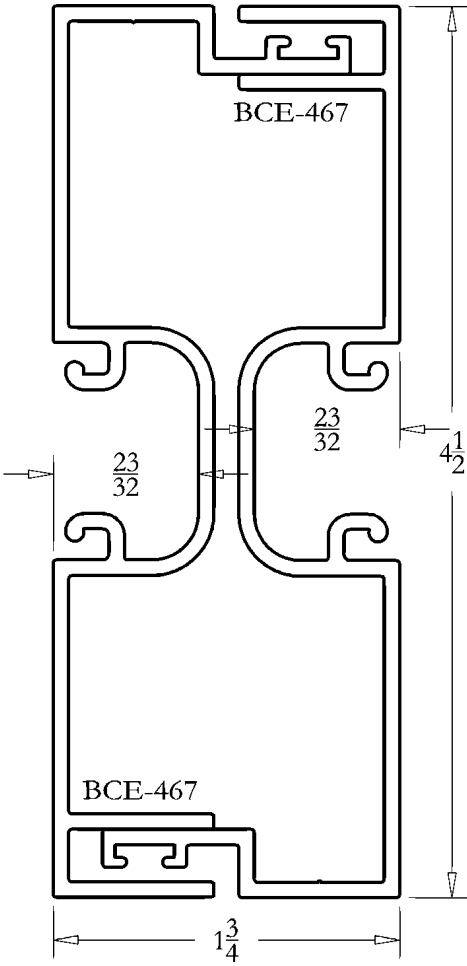
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FULL SIZE DETAILS

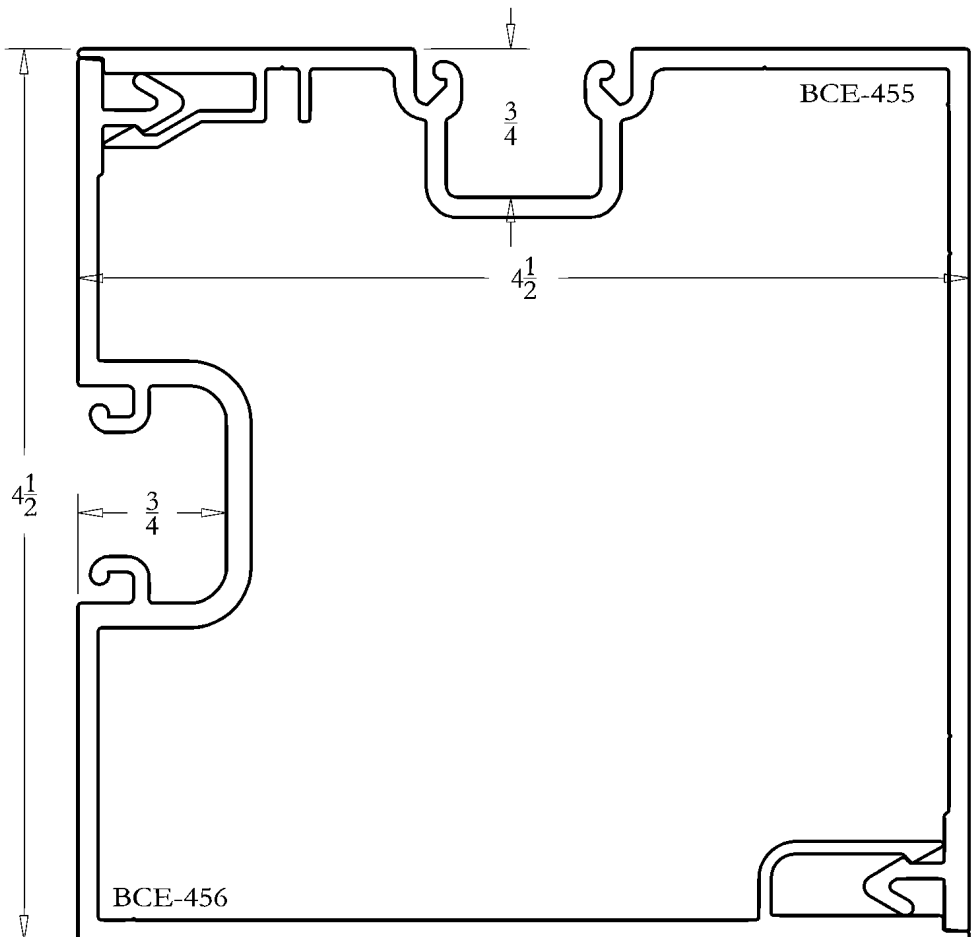
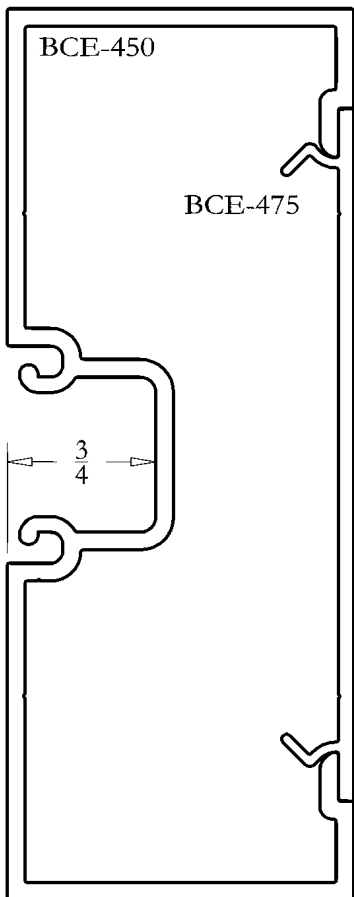
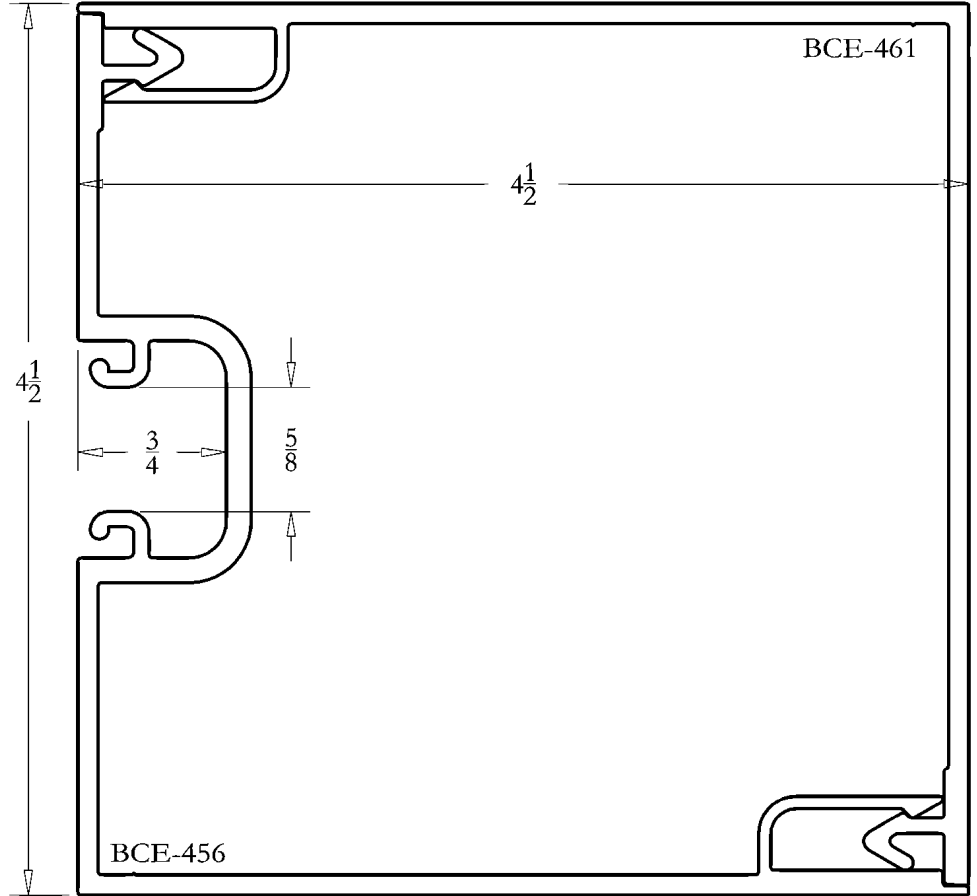
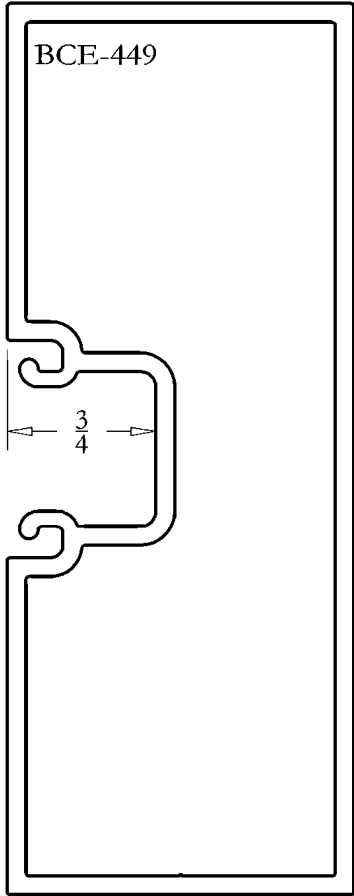


DETAIL SHEET
1 3/4" X 4 1/2" FLUSH GLAZED
BCE-450

FULL SIZE DETAILS



FULL SIZE DETAILS



DETAIL SHEET
1 3/4" X 4 1/2" FLUSH GLAZED
BCE-450

FULL SIZE DETAILS

