



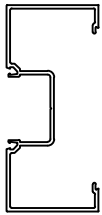
**CASCADE  
ALUMINUM**

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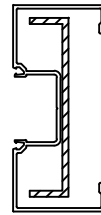
4102 NE 72nd Ave  
Vancouver, WA 98661

# WINDLOAD CHART

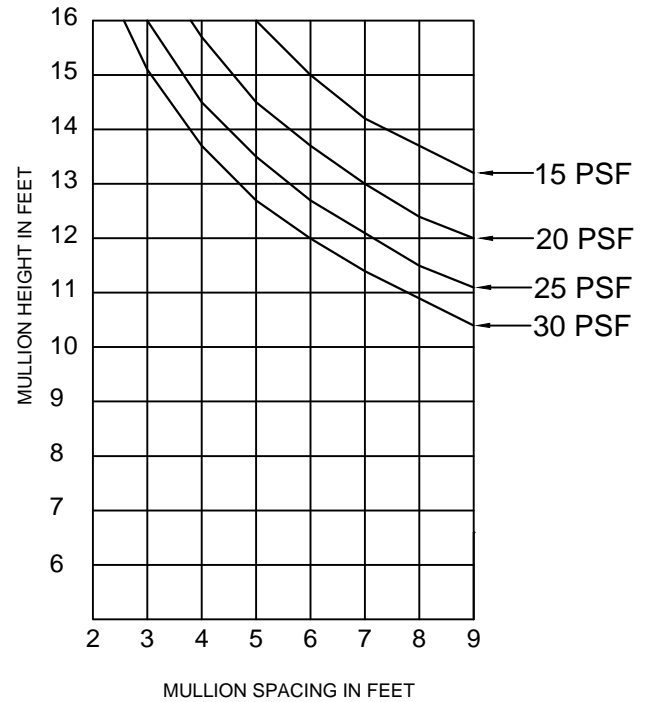
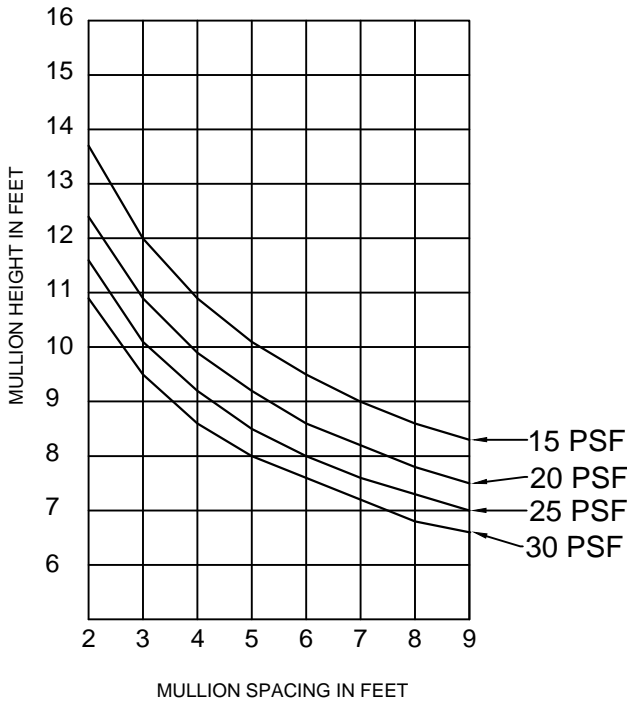
# 450 CS



PART # V452R  
I = 2.505  
S = 1.09  
MATERIAL: 6063-T6 ALUM  
Fy = 25 ksi  
E = 10,100 ksi



PART # V452R w/ 10 GAUGE  
BENT STEEL  
I = 3.48  
S = 1.62  
MATERIAL: 6063-T6 ALUM  
Fy = 36 ksi  
E = 29,000 ksi



BASED ON A MEMBER DEFLECTION L/175

BUILDING LAWS AND CODES GOVERNING THE DESIGN AND USE OF GLAZED ENTRANCE, STOREFRONTS, AND CURTAIN WALL PRODUCTS VARY WIDELY. IT IS THE RESPONSIBILITY OF THE OWNER, ARCHITECT AND GLAZING CONTRACTOR TO DESIGN A SYSTEM TO MEET ALL APPLICABLE CODES. CASCADE ALUMINUM HAS NO CONTROL OVER THE SELECTION OF THE PRODUCTS, CONFIGURATIONS, OR GLAZING MATERIALS AND ASSUMES NO RESPONSIBILITY THEREOF.



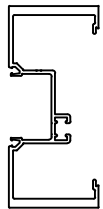
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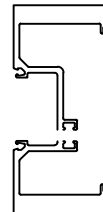
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# WINDLOAD CHART

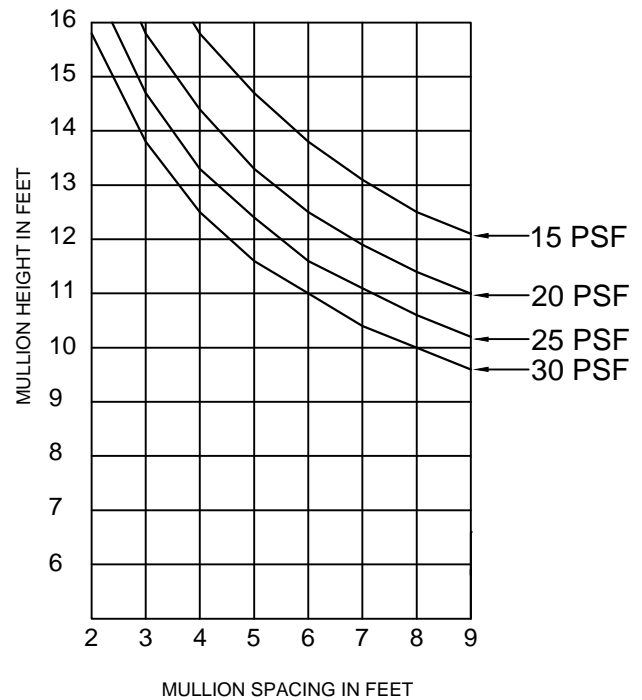
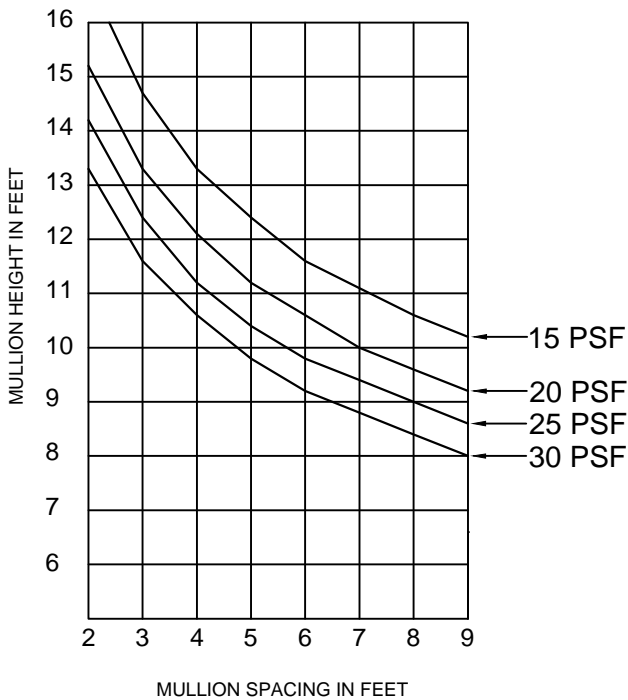
# 450 CS



PART # IV452  
I = 4.606  
S = 2.04  
MATERIAL: 6063-T6 ALUM  
Fy = 25 ksi  
E = 10,100 ksi



PART # H452  
I = 7.6897  
S = 3.41  
MATERIAL: 6063-T6  
ALUM  
Fy = 25 ksi  
E = 10,100 ksi



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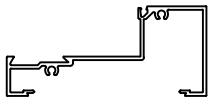
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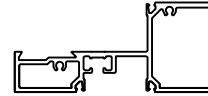
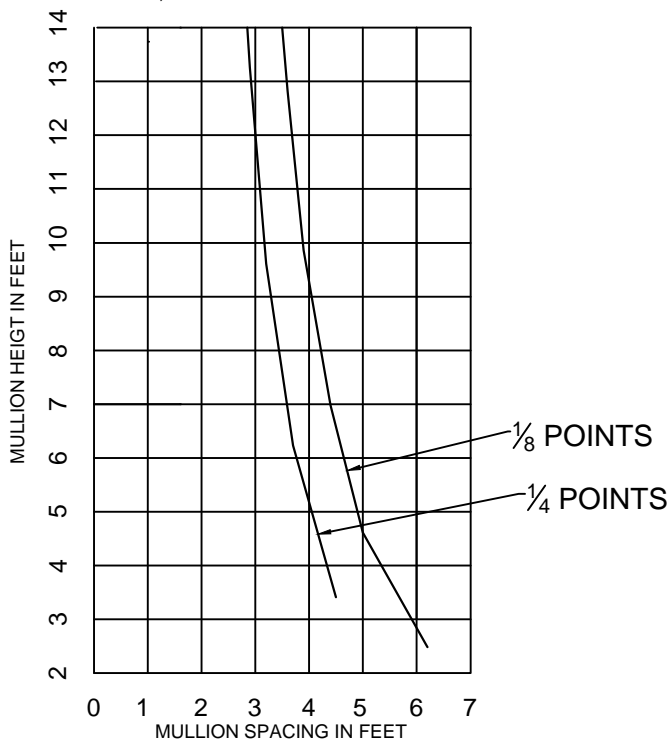
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# DEAD LOAD CHART

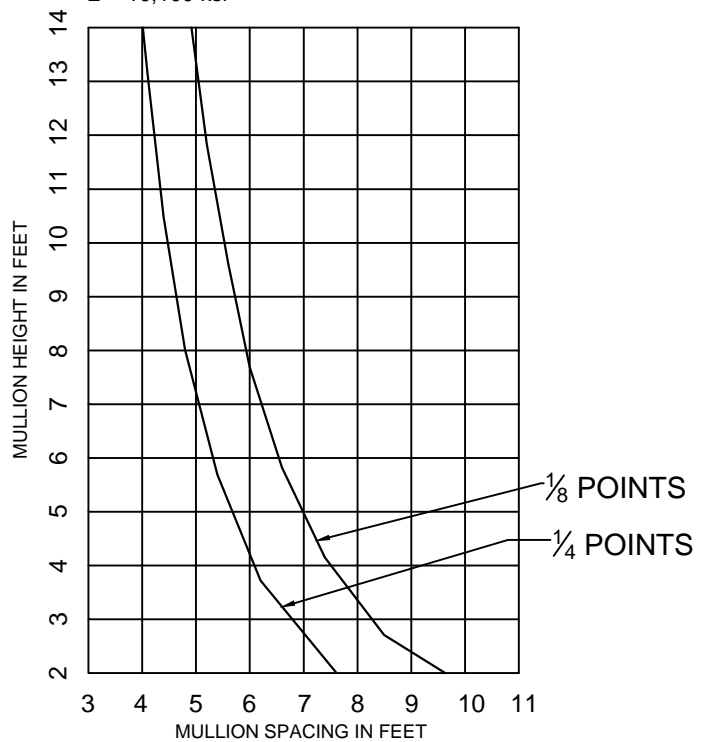
# 450 CS



PART #H200  
I = 0.15  
S = 0.15  
MATERIAL: 6063-T6 ALUM  
Fy = 25 ksi  
E = 10,100 ksi



PART #H450  
I = 0.43  
S = 0.37  
MATERIAL: 6063-T6 ALUM  
Fy = 25 ksi  
E = 10,100 ksi



BASED ON A MEMBER DEFLECTION L/360

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