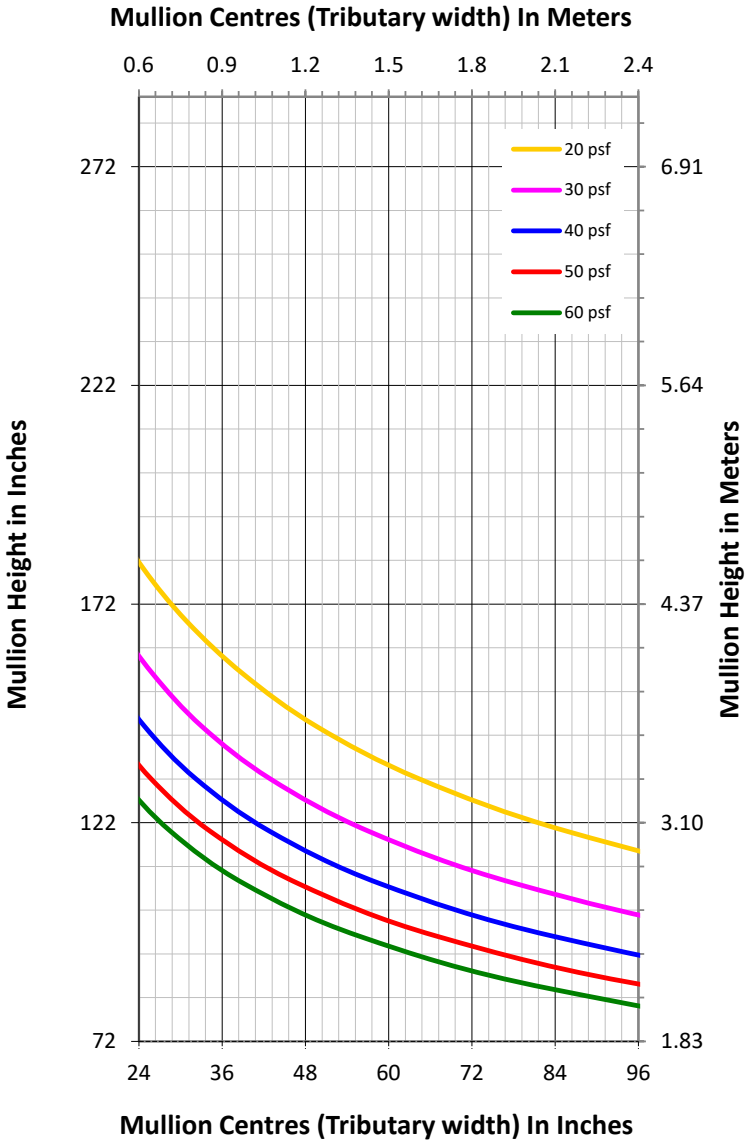
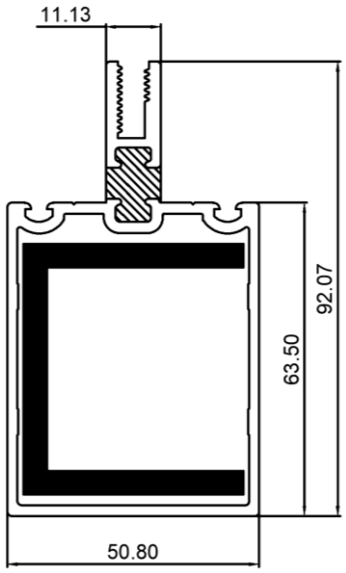
SPAN CHART

**SPAN CHART IS FOR ESTIMATION ONLY.
DO NOT UTILIZE FOR DETAILED DESIGN.
CHART IS BASED ON DEFLECTION ANALYSIS ONLY**



MULLION SECTION



SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area	
Moment of Inertia, I_{xx}	I_{xx} = **4.69** in^4 (195cm^4)
Section Modulus, S_{xx}	S_{xx} = **0.68** in^3 (11.1cm^3)
Total Area	A = 0.99 in^2 (6.4cm^2)
Modulus of Elasticity	
Aluminum	10,000,000 PSI
Steel	29,000,000 PSI

GENERAL NOTES

1. Deflection Limit: L/175 for spans not exceeding 13.5ft.
2. Deflection Limit: L/240+0.25in for spans over 13.5ft.
3. Assume horizontal members provide lateral support.
4. Steel moment of inertia converted to polyester, vinyl or aluminum equivalent.
5. CANADIAN PROJECTS: Use SLS wind loads or modify the specified wind load by 0.75 before utilizing this chart. i.e. if project specifications require p_{net} = 40 psf, utilize 30 psf on this chart (0.75 x 40 = 30). (Based on NBCC 2020).

CLIENT:

ICON ALUMINUM SOLUTIONS

SERIES:

CW2.0-2.5T SERIES CURTAINWALL

DRAWING TITLE:

WIND LOAD CHART FOR 2.5" THERMALLY BROKEN MULLION WITH 3/16"STEEL REINFORCING

ENGINEERING BY:

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DRAWN BY:	CHK'D BY:	DATE:	DWG. NO:
JS	IC	23-FEB-2026	CW2-2.5T-R