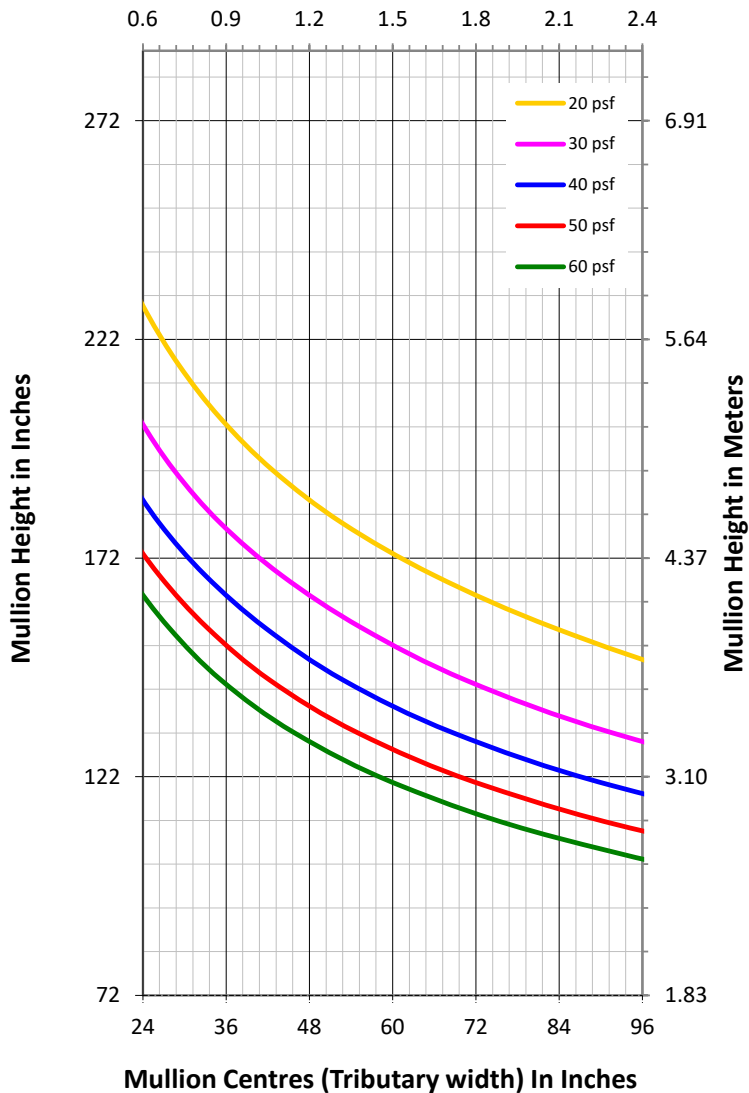


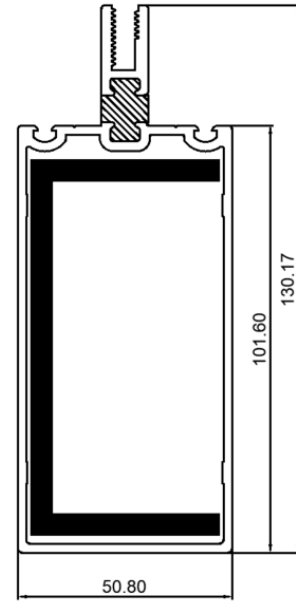
SPAN CHART

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

Mullion Centres (Tributary width) In Meters



MULLION SECTION



SYSTEM PROPERTIES

Moment of Inertia, Section Modulus & Area

Moment of Inertia, I_{xx}	$I_{xx} = 10.01 \text{ in}^4 (416 \text{ cm}^4)$
Section Modulus, S_{xx}	$S_{xx} = 3.40 \text{ in}^3 (55.7 \text{ cm}^3)$
Total Area	$A = 1.23 \text{ in}^2 (7.94 \text{ cm}^2)$

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: $L/240 + 0.25 \text{ in}$ 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 $p_{net} = 40 \text{ psf}$, utilize 30 psf on this chart ($0.75 \times 40 = 30$). (Based on NBCC 2020).

CLIENT:



SERIES:

CW2.0-4.0T SERIES CURTAINWALL

DRAWING TITLE:

**WIND LOAD CHART FOR 4.0" THERMALLY
BROKEN MULLION WITH 3/16" STEEL
REINFORCING**

DRAWN BY:

JS

CHK'D BY:

IC

DATE:

23-FEB-2026

ENGINEERING BY:



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DWG. NO:

CW2-04T-R