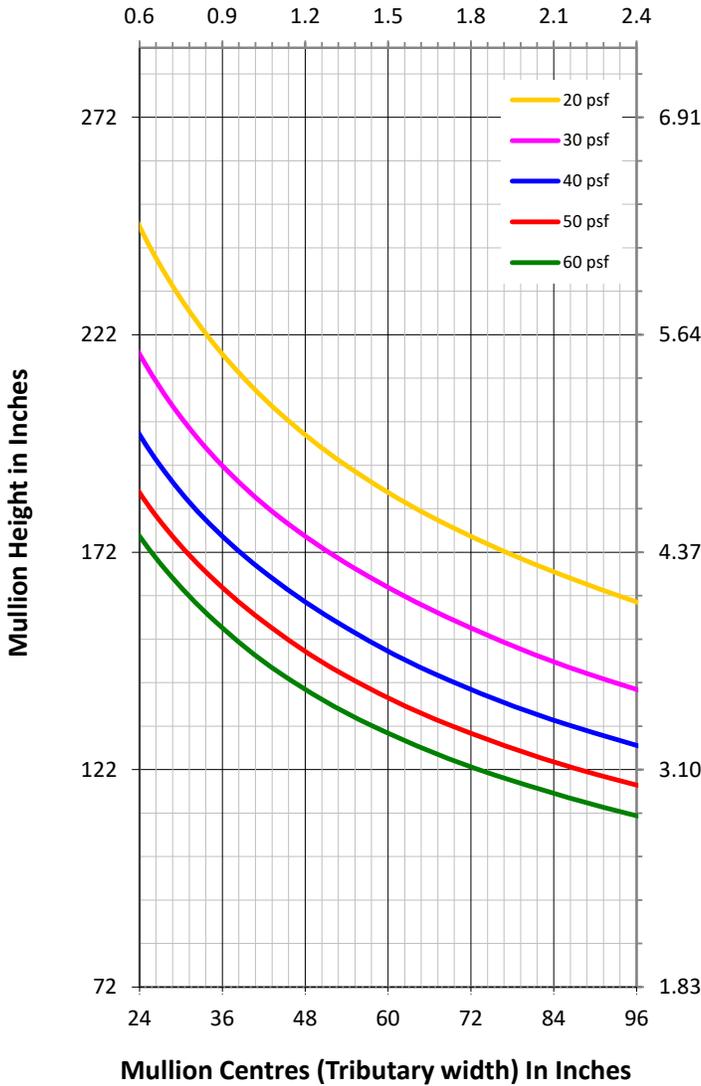


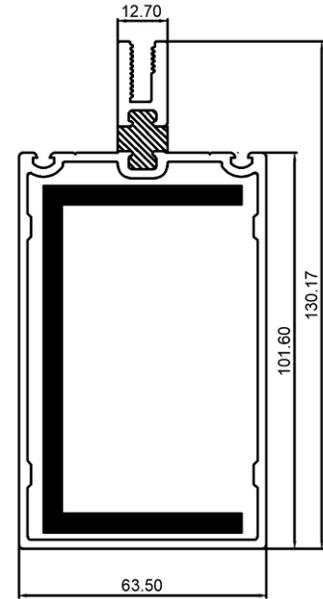
SPAN CHART

**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}	$I_{xx} = 12.61 \text{ in}^4 (525 \text{ cm}^4)$
Section Modulus, S_{xx}	$S_{xx} = 4.71 \text{ in}^3 (77.3 \text{ cm}^3)$
Total Area	$A = 1.75 \text{ in}^2 (11.27 \text{ cm}^2)$

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:

CW2.5-4.0T SERIES CURTAINWALL

DRAWING TITLE:

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

ENGINEERING BY:



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DRAWN BY:

JS

CHK'D BY:

IC

DATE:

23-FEB-2026

DWG. NO:

CW2.5-04T-R