

DALLAS

FORT WORTH

LOS ANGELES

SAN FRANCISCO

LAS VEGAS

CHICAGO

BALTIMORE

NEW ENGLAND

HONG KONG

PROJECT: 2000T NON-THERMAL STOREFRONT

CLIENT: ATLAS INC.

SUBJECT: WIND PRESSURE CHART "NON-THERMALLY BROKEN"

DATE: JUNE 15TH, 2020

**PREVIOUS
SUBMITTALS: N/A**



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STOREFRONT 2000T NON-THERMAL SERIES

STOREFRONT 2000T NON-THERMAL SERIES – HORIZONTAL FRAME MEMBERS & MULLIONS

Section Properties of Frame Members

DALLAS

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LOS ANGELES

SAN FRANCISCO

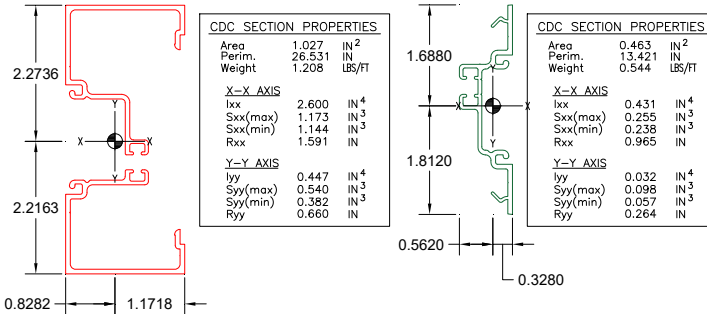
LAS VEGAS

CHICAGO

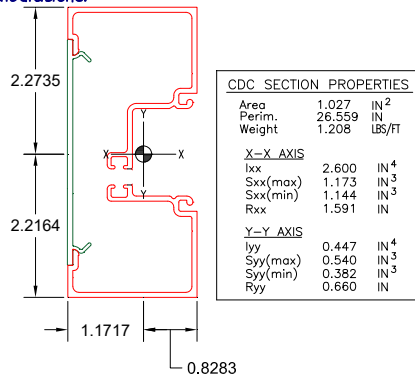
BALTIMORE

NEW ENGLAND

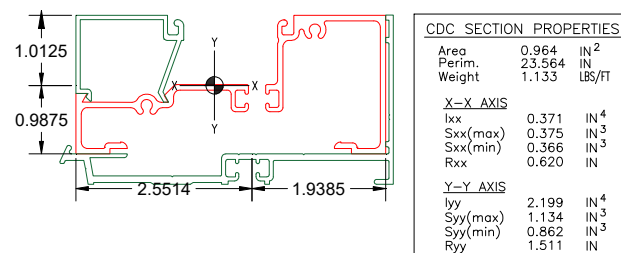
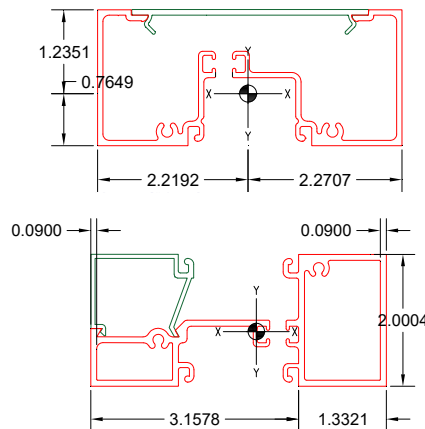
HONG KONG



Note: The mullion (in red) is being accounted for across the entire calculations. The clip (in green) connecting both sides of the mullion together is only used in the deflection calculations.



Area	1.138	IN ²
Perim.	27.812	IN
Weight	1.339	LBS/FT
X-X AXIS		
Ixx	0.490	IN ⁴
Sxx(max)	0.641	IN ³
Sxx(min)	0.397	IN ³
Rxx	0.656	IN
Y-Y AXIS		
Iyy	2.760	IN ⁴
Syy(max)	1.244	IN ³
Syy(min)	1.215	IN ³
Ryy	1.557	IN

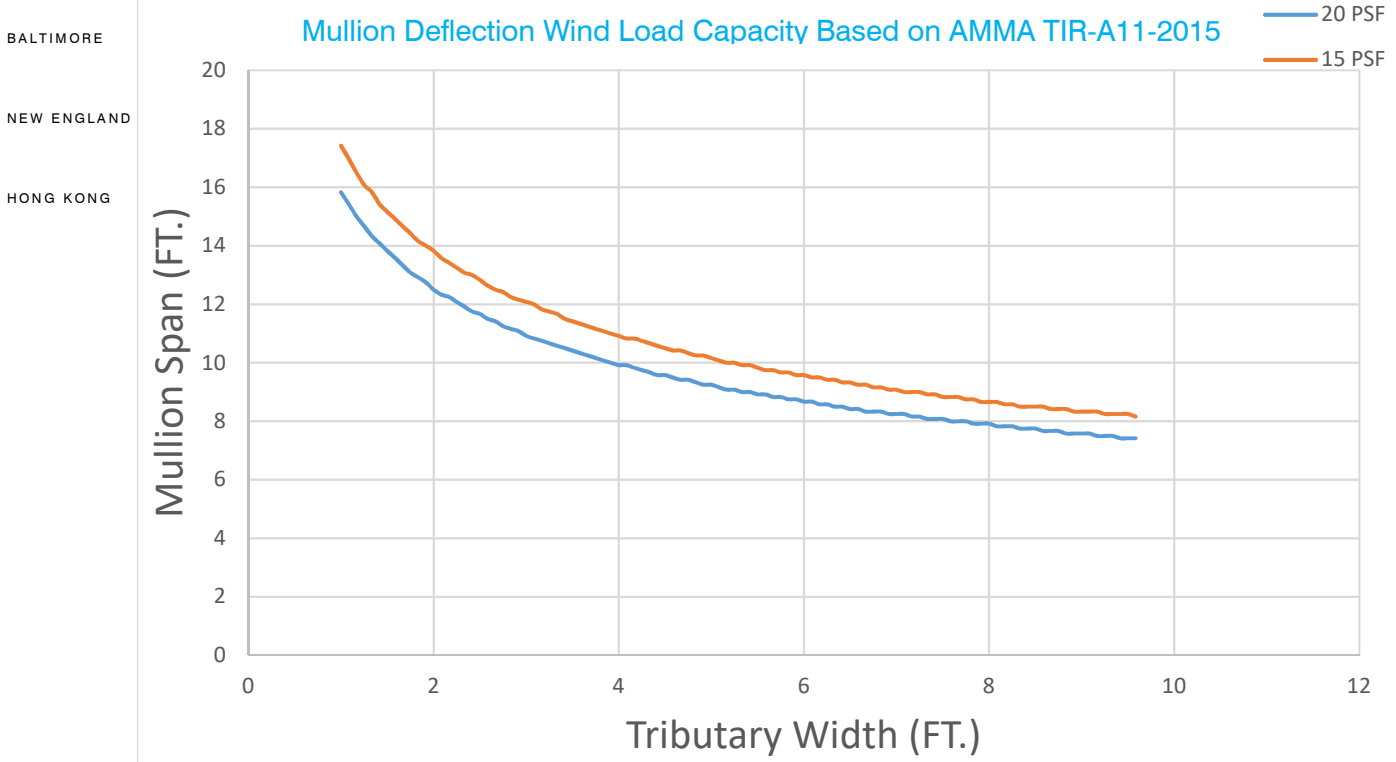
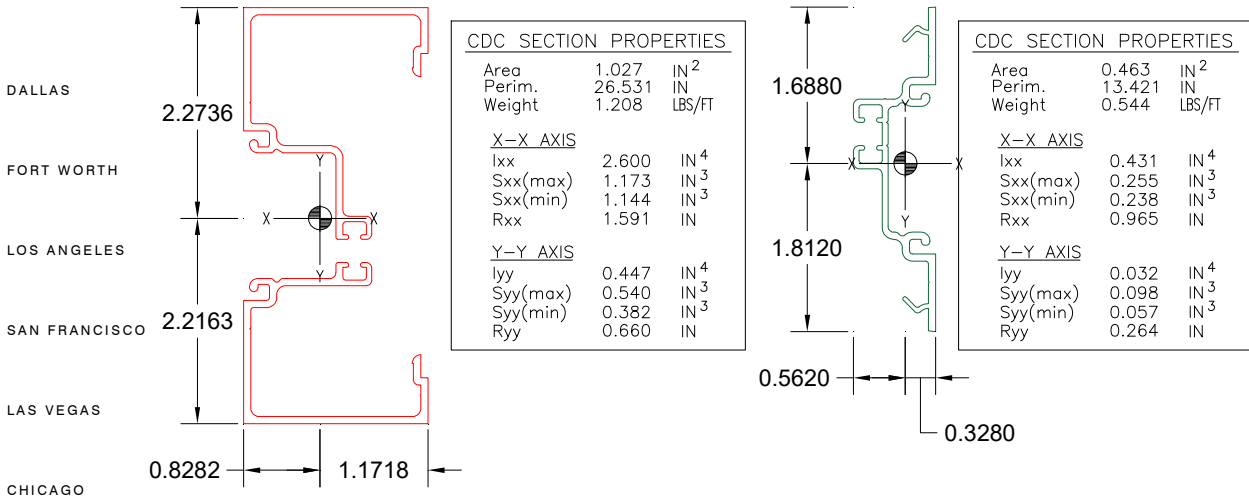


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Note: The thermal break in the system is accounted for by applying a 15% reduction factor to the section properties.

Note: The allowables used to create this wind pressure chart only take into account the section properties of the mullions and horizontals by their selfs (in red) and not the clips connecting them together (in green).

Beam Section Properties



Loading Condition – Simply Supported Beam

