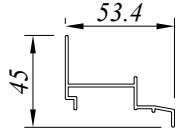
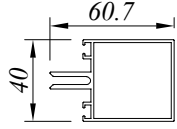
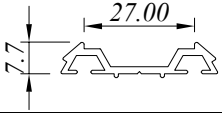
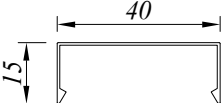
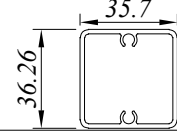
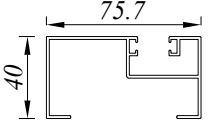
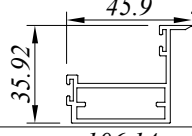
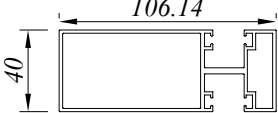
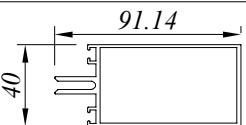
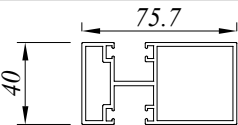
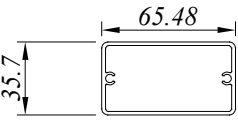
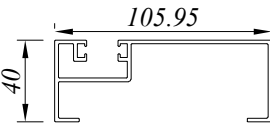
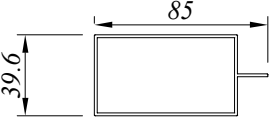
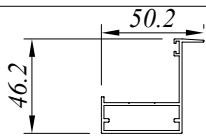
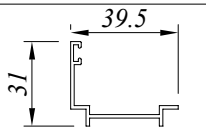
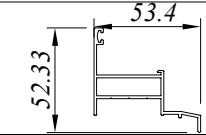
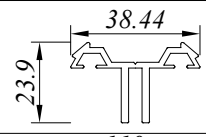
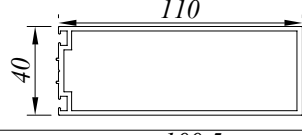
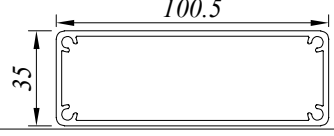


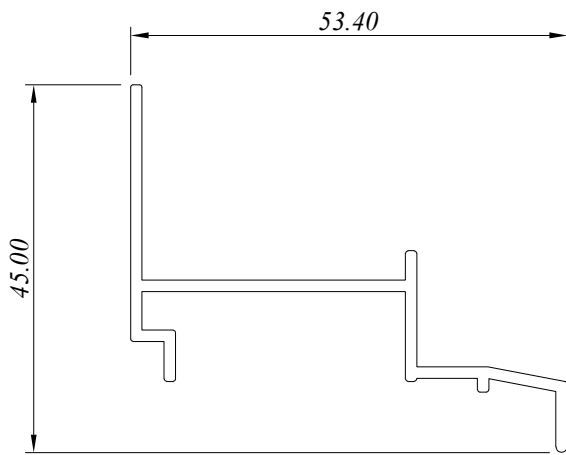
- CTW -
CURTAIN WALL
37 SERIES

PROFILE NO.	PICTURE OF PROFILE	WEIGHT (KG/M)	THICKNESS	PACKING IN BUNDLE (PCS)
			AREA PERIMETER	
CTW 3701		0.435	1.40 MM 233.301 MM	6
CTW 3702		0.921	1.40 MM 279.186 MM	4
CTW 3703		0.338	1.70 MM 132.098 MM	10
CTW 3704		0.190	0.85 MM 139.451 MM	20
CTW 3705		0.775	1.40 MM 138.770 MM	6
CTW 3707		0.892	1.40 MM 465.180 MM	4
CTW 3708		0.741	1.60 MM 196.630 MM	4
CTW 3709		1.772	1.80 MM 435.141 MM	2
CTW 3710		1.303	1.80 MM 340.446 MM	2
CTW 3711		1.519	1.60 MM 370.279 MM	2
CTW 3713		1.200	1.70 MM 197.210 MM	3
CTW 3714		1.228	1.80 MM 526.179 MM	4
CTW 3715		0.869	1.40 MM 248.427 MM	3

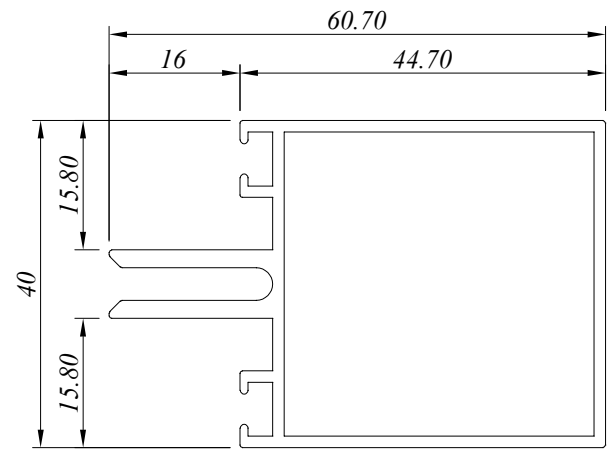
All Profiles are standard length 6.1 M for CTW Series

PROFILE NO.	PICTURE OF PROFILE	WEIGHT (KG/M)	THICKNESS	PACKING IN BUNDLE (PCS)
			AREA PERIMETER	
CTW 3716		0.604	1.40 MM 196.650 MM	4
CTW 3717		0.315	1.30 MM 184.541 MM	10
CTW 3718		0.657	1.40 MM 250.514 MM	4
CTW 3719		0.471	2.0 MM 168.79 MM	-
CTW 3720		1.771	2.0 MM 634.56 MM	2
CTW 3721		1.556	2.0 MM 557.78 MM	3

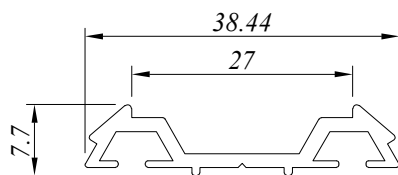
All Profiles are standard length 6.1 M for CTW Series



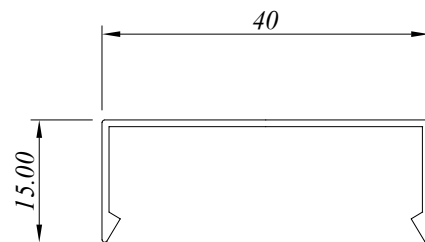
CTW 3701
0.435 Kg/M
AP : 233.301 MM



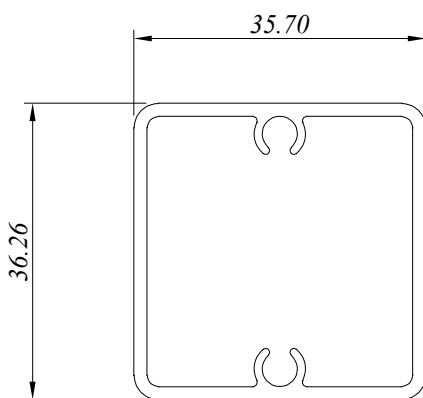
CTW 3702
0.921 Kg/M
AP : 279.186 MM



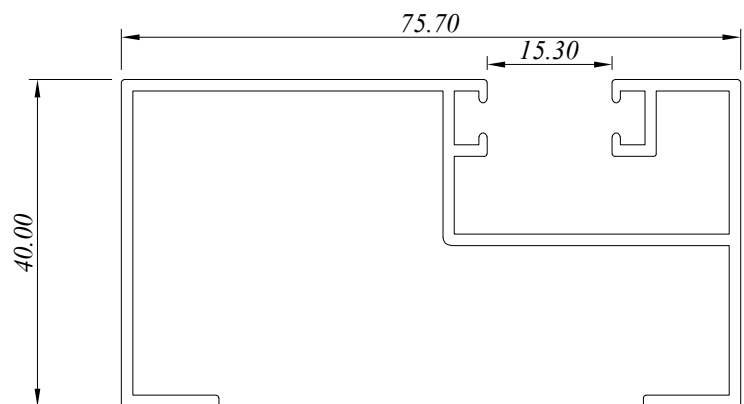
CTW 3703
0.338 Kg/M
AP : 132.098 MM



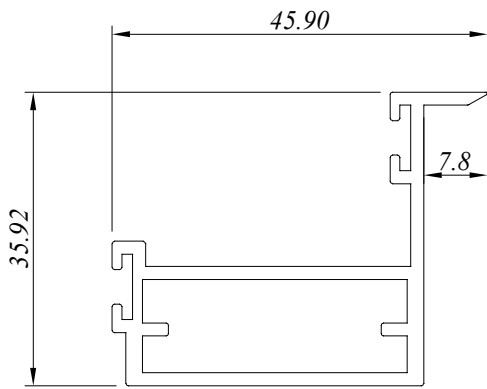
CTW 3704
0.190 Kg/M
AP : 139.451 MM



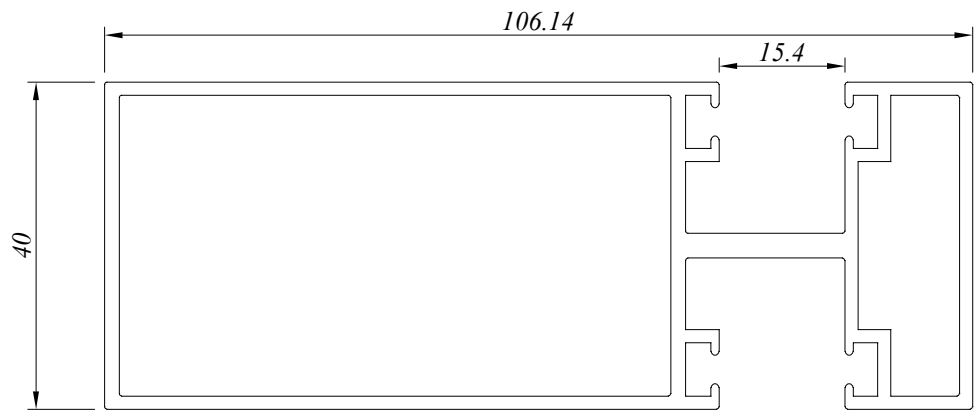
CTW 3705
0.775 Kg/M
AP : 138.770 MM



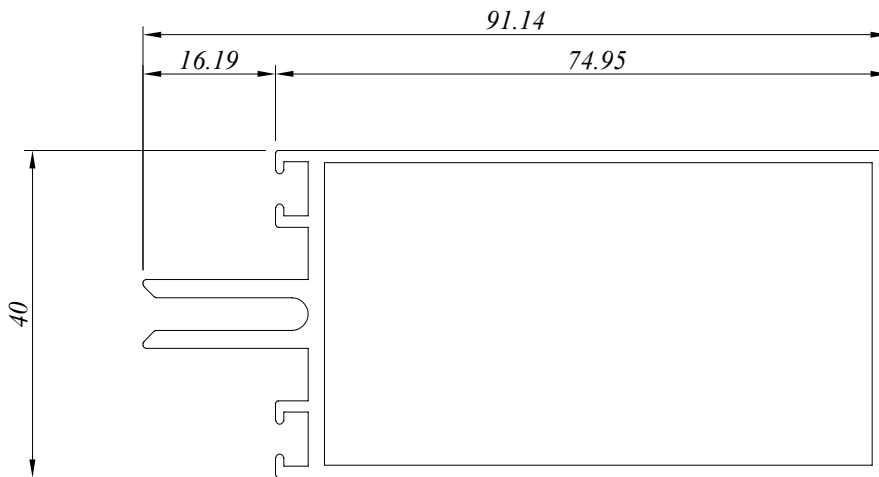
CTW 3707
0.892 Kg/M
AP : 465.180 MM



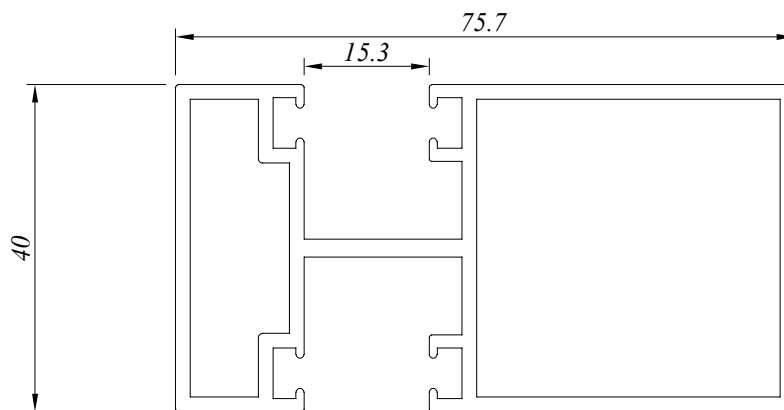
CTW 3708
0.741 Kg/M
AP : 196.630 MM



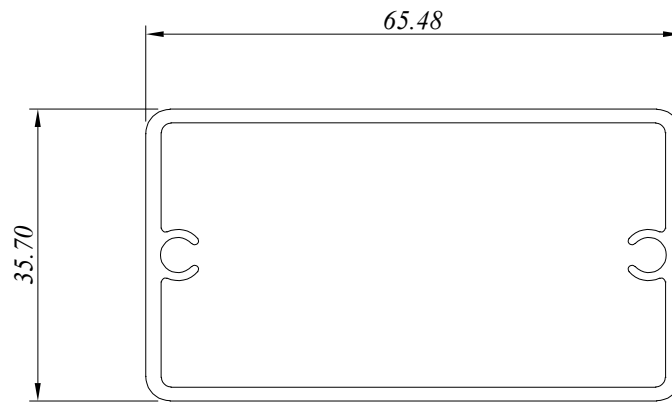
CTW 3709
1.772 Kg/M
AP : 435.141 MM



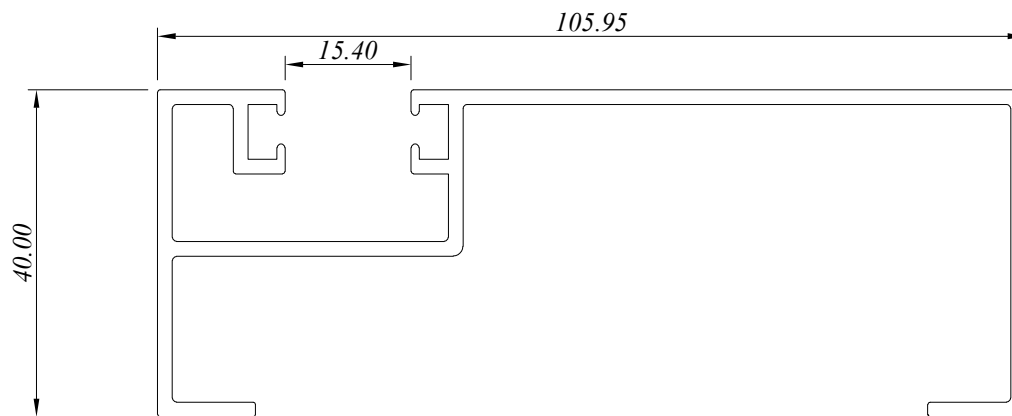
CTW 3710
1.303 Kg/M
AP : 340.446 MM



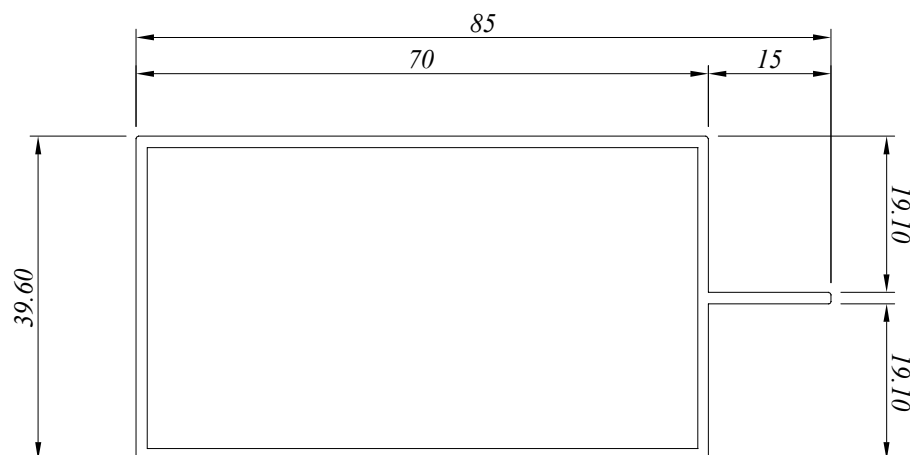
CTW 3711
1.519 Kg/M
AP : 370.279 MM



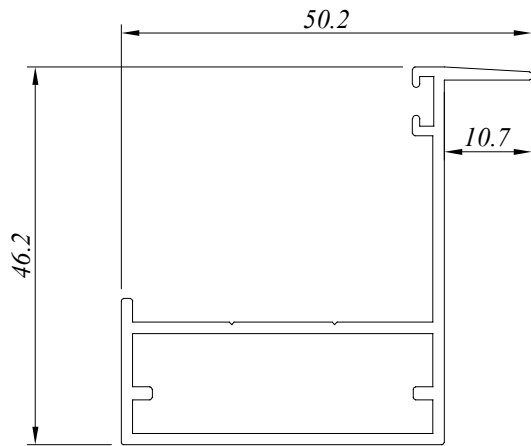
CTW 3713
1.200 Kg/M
AP : 197.210 MM



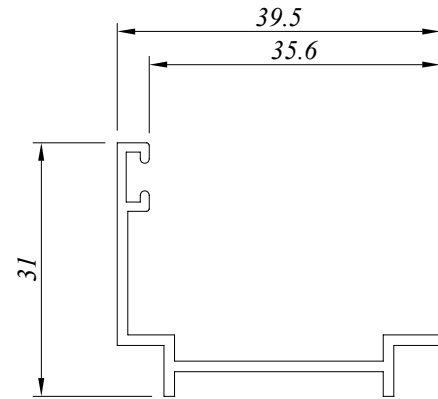
CTW 3714
1.228 Kg/M
AP : 526.179 MM



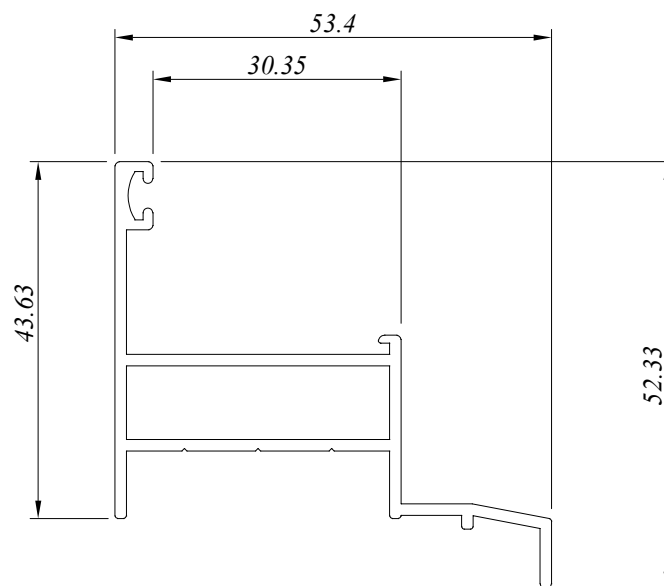
CTW 3715
0.869 Kg/M
AP : 248.427 MM



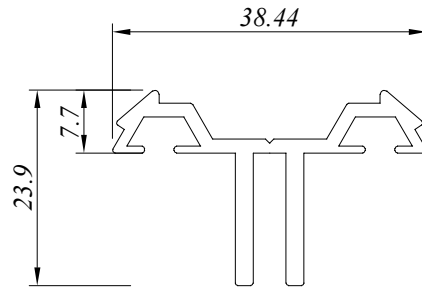
CTW 3716
0.604 Kg/M
AP : 196.650 MM



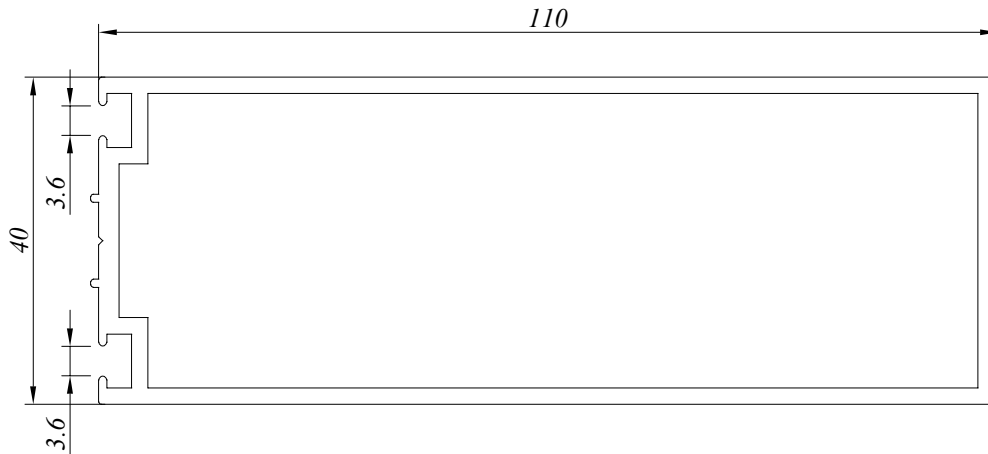
CTW 3717
0.315 Kg/M
AP : 184.541 MM



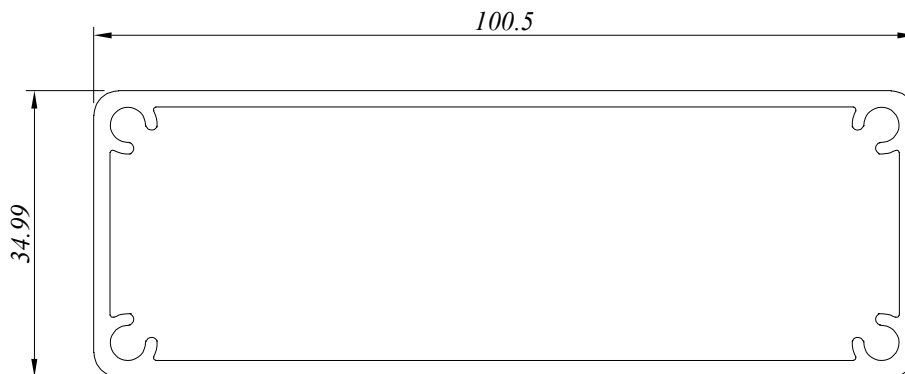
CTW 3718
0.657 Kg/M
AP : 250.514 MM



CTW 3719
0.471 Kg/M
AP : 192.18 MM



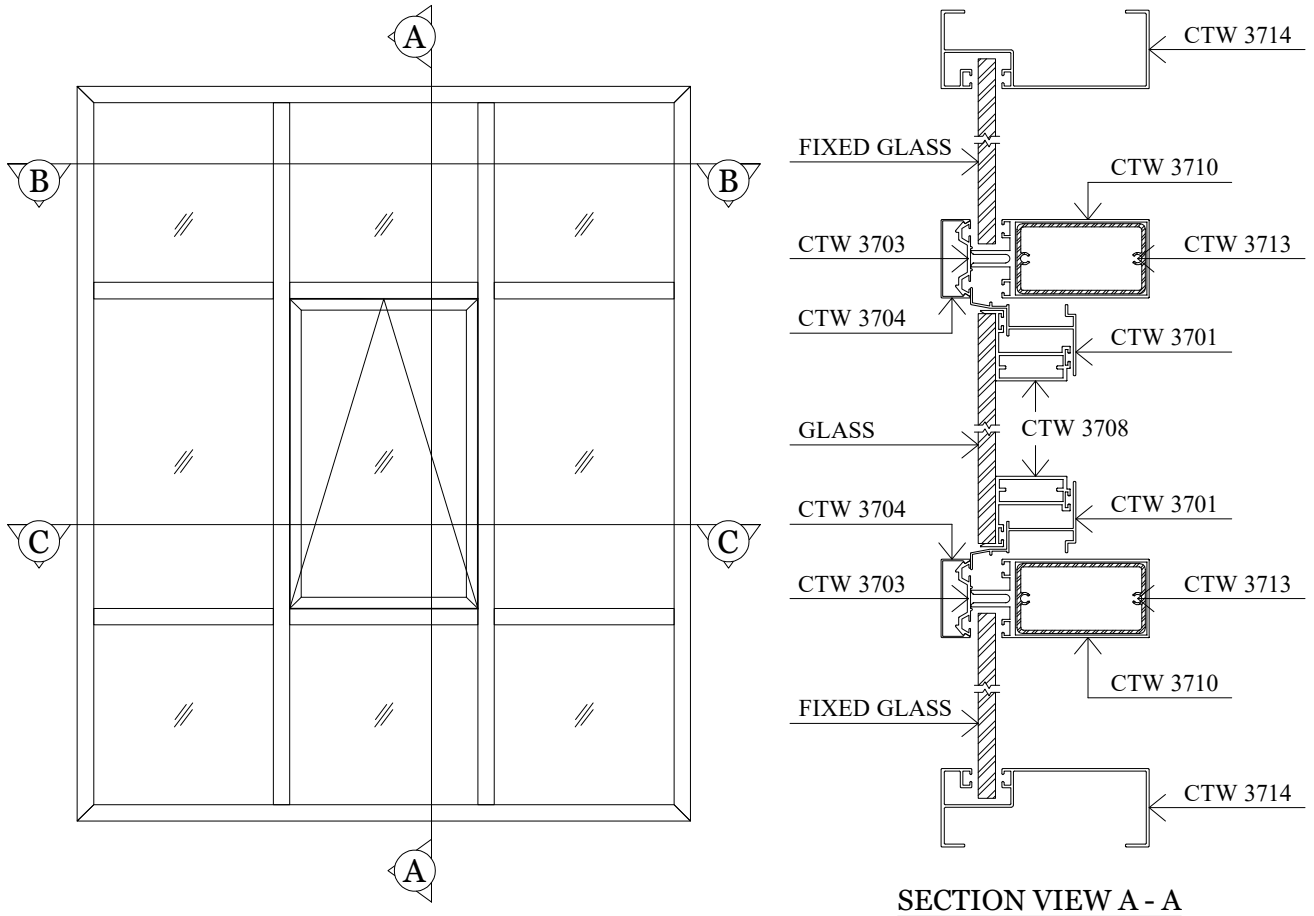
CTW 3720
1.771 Kg/M
AP : 329.66 MM



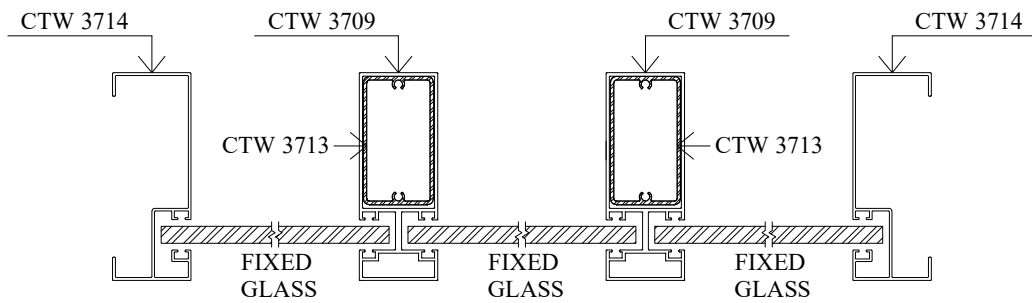
CTW 3721
1.556 Kg/M
AP : 265.85 MM

aluminium profiles component usage

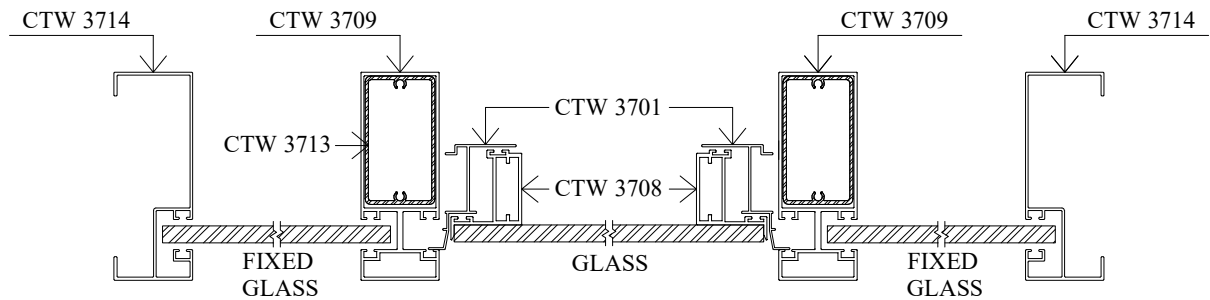
Curtain Wall - CTW 37 Series



SECTION VIEW A - A



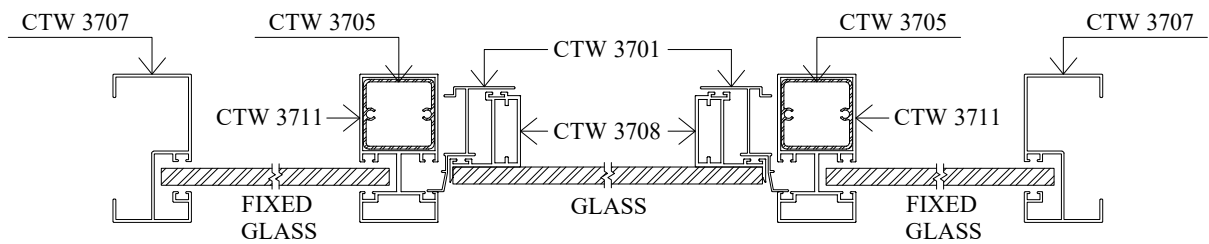
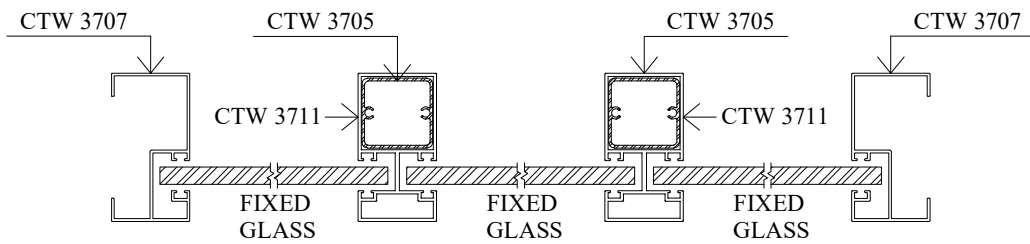
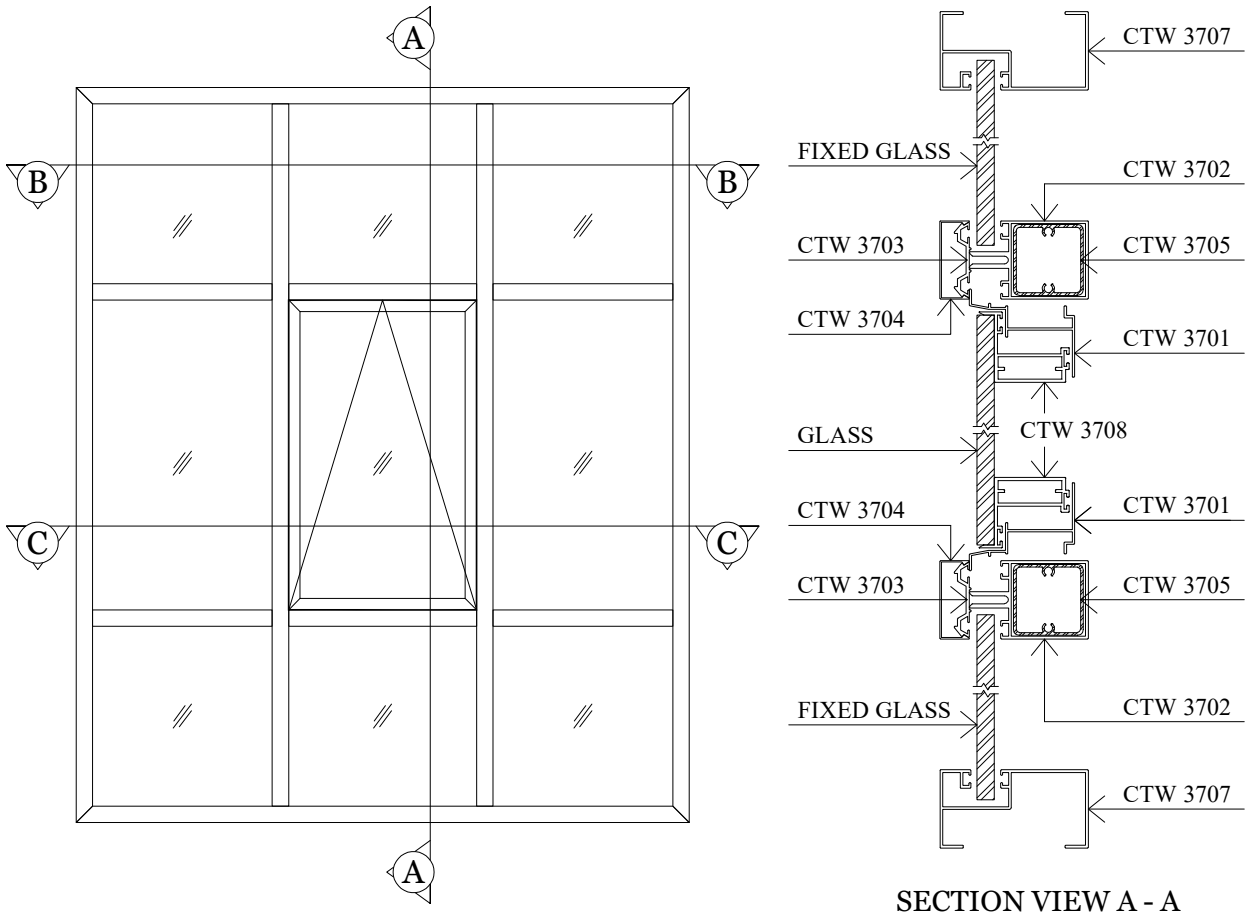
SECTION VIEW B - B



SECTION VIEW C - C

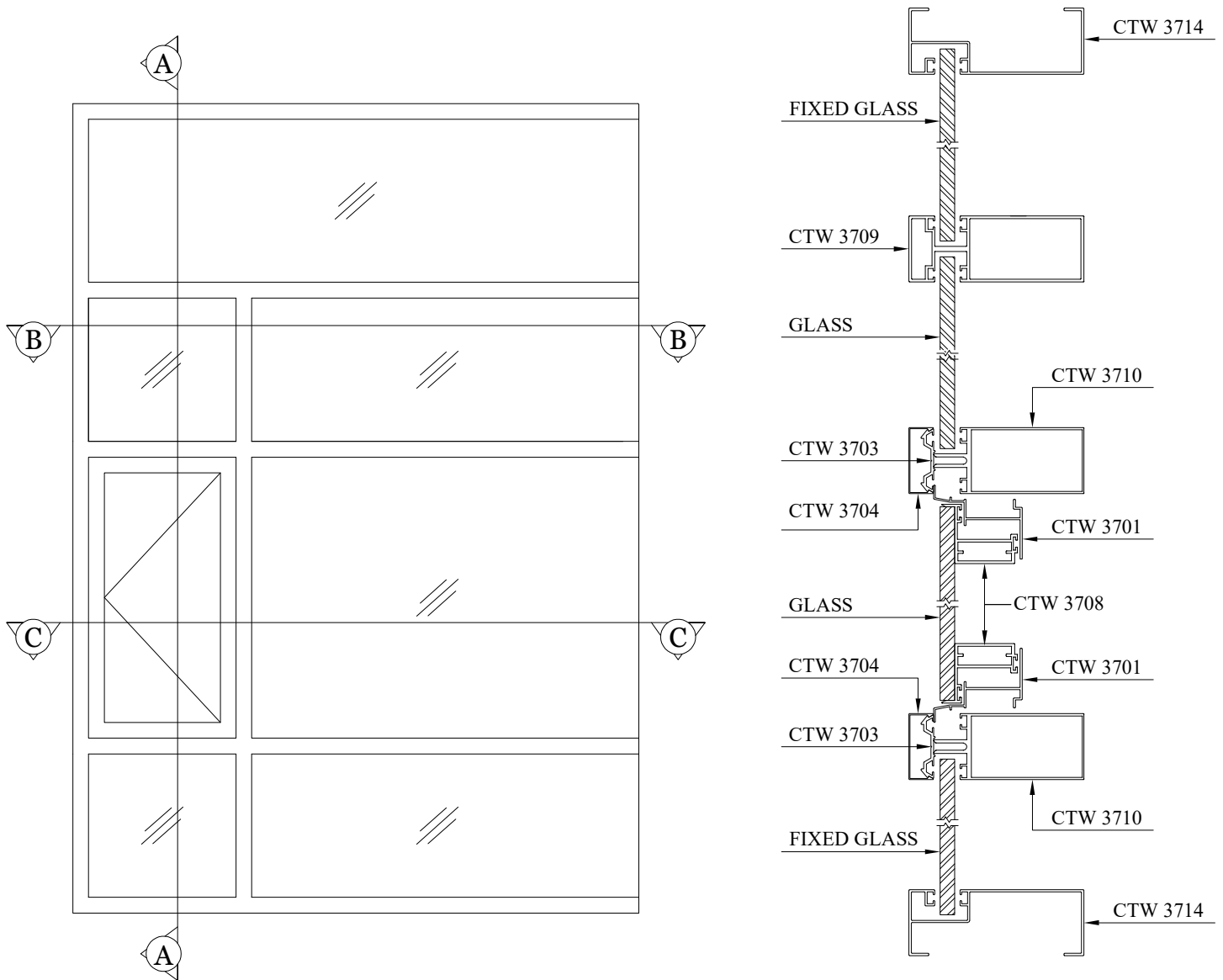
aluminium profiles component usage

Curtain Wall - CTW 37 Series

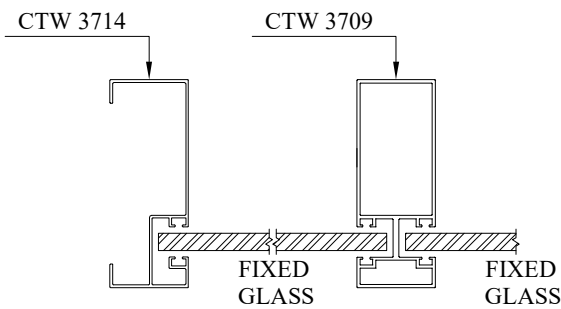


aluminium profiles component usage

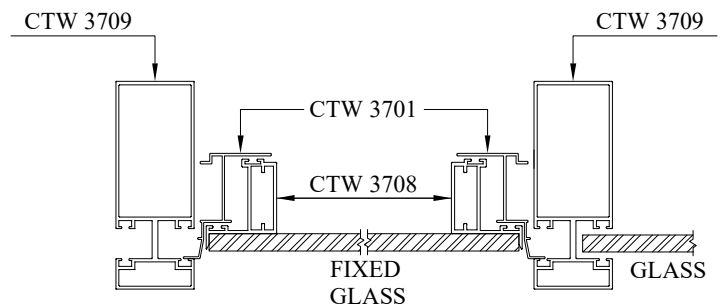
Curtain Wall - CTW 37 Series



SECTION VIEW A - A



SECTION VIEW B - B



SECTION VIEW C - C

aluminium profiles component usage

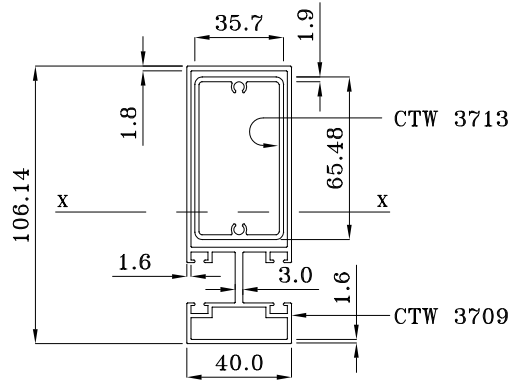
Curtain Wall - CTW37 Series

CURTAIN WALL

Mullion - Assembly of Sections CTW 3709 & CTW 3713

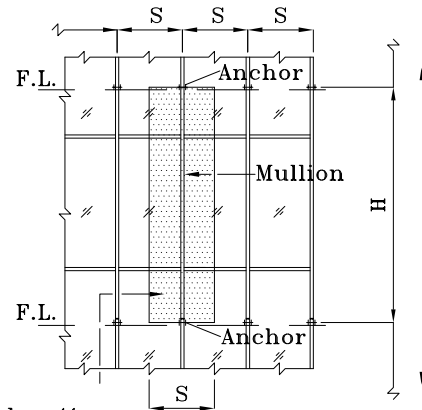
Alum. alloy : 6063-T5
Overall moment of inertia I_{xx} : 99.5cm^4
Overall moment of resistance MR_{xx} : 1385 n-m

Mod. of elasticity : 70×10^3 Mpa
Design bend. stress : 83.75 Mpa
Defln. limit : $S_{\text{span}}/175$, up to max. 20mm
Nature of anchor : Simply supported at both ends



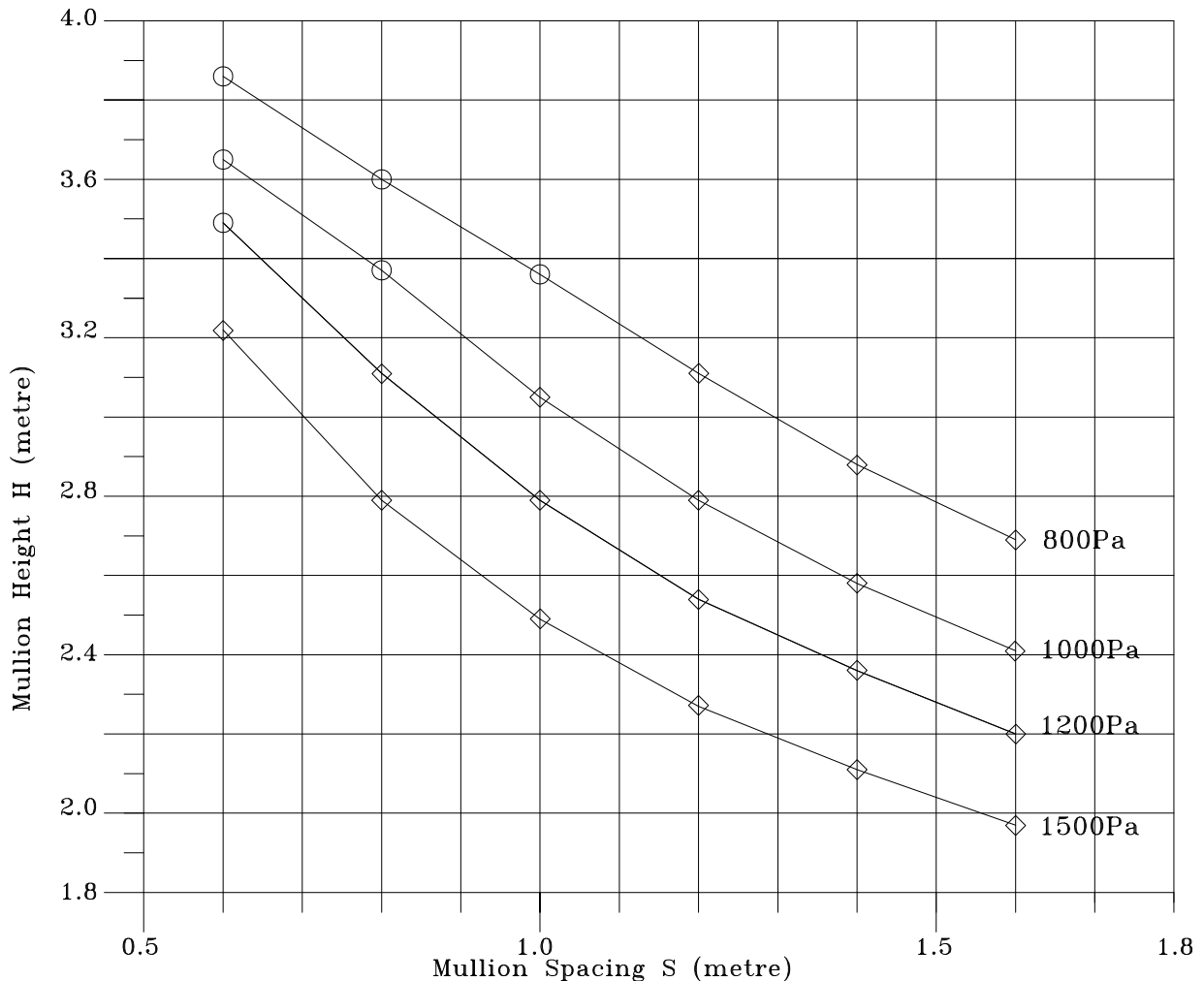
Note:
Suffix xx denotes axis perpendicular to wind load

Typical configuration of curtain wall:



Wind load pattern

Wind Load Chart



Note:

○ Deflection limit governs, ◇ Moment resistance governs

Buckling has not been taken into account in this chart

we made aluminium into shapes ...

profile information

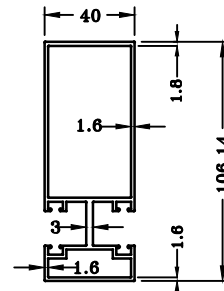
CTW - Curtain Wall

37 SERIES

SECTION NO. : CTW 3709

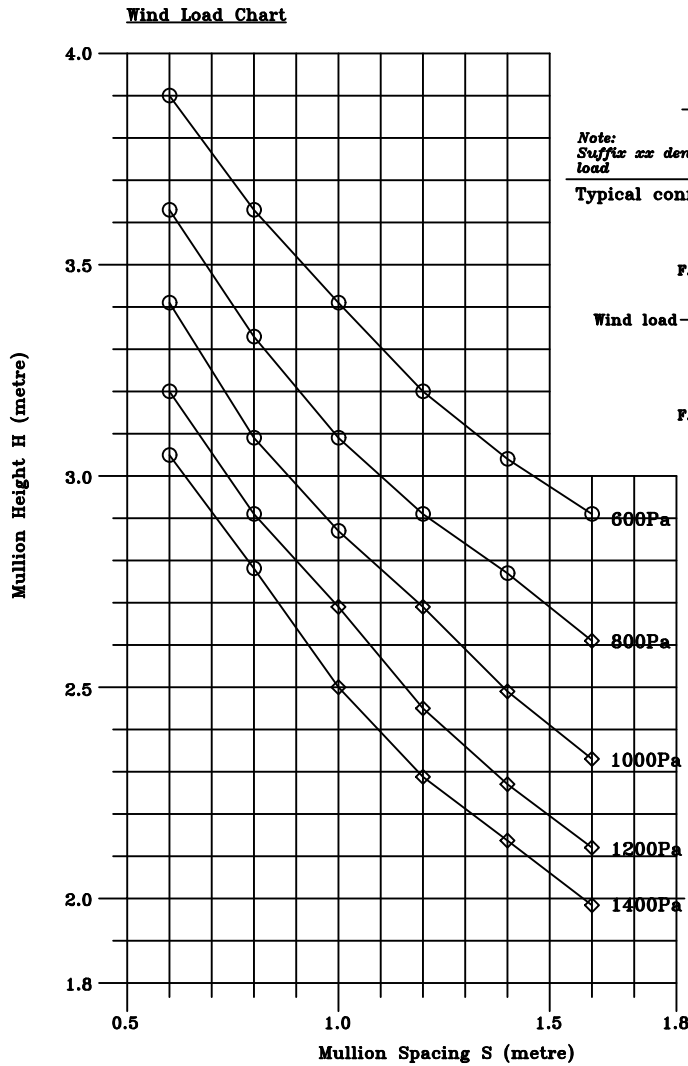
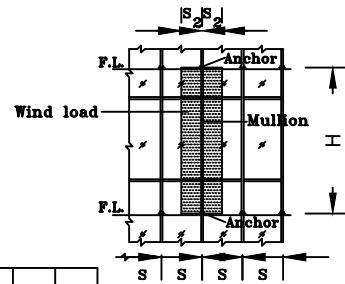
Alum. alloy : 6063 T5
 Mod. of elasticity : 70×10^3 Mpa
 Design bend. stress : 83.75 Mpa
 Defln. limit : $S_{pan}/175$, up to max. 20mm
 Nature of anchor : Simply supported at both ends

Moment of inertia I_{xx} : 78.2cm⁴
 Mod. of section Z_{xx} : 13.0cm³

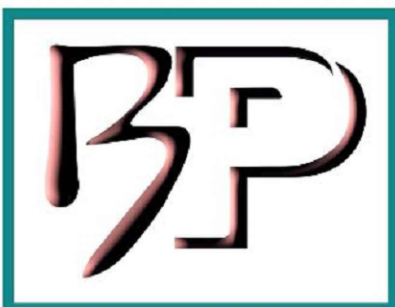


Note: Suffix xx denotes axis perpendicular to wind load

Typical configuration of curtain wall:



Note: \diamond Deflection limit governs , \circ Design bend. stress governs
 This chart is applicable to wind load pattern as shown only.



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