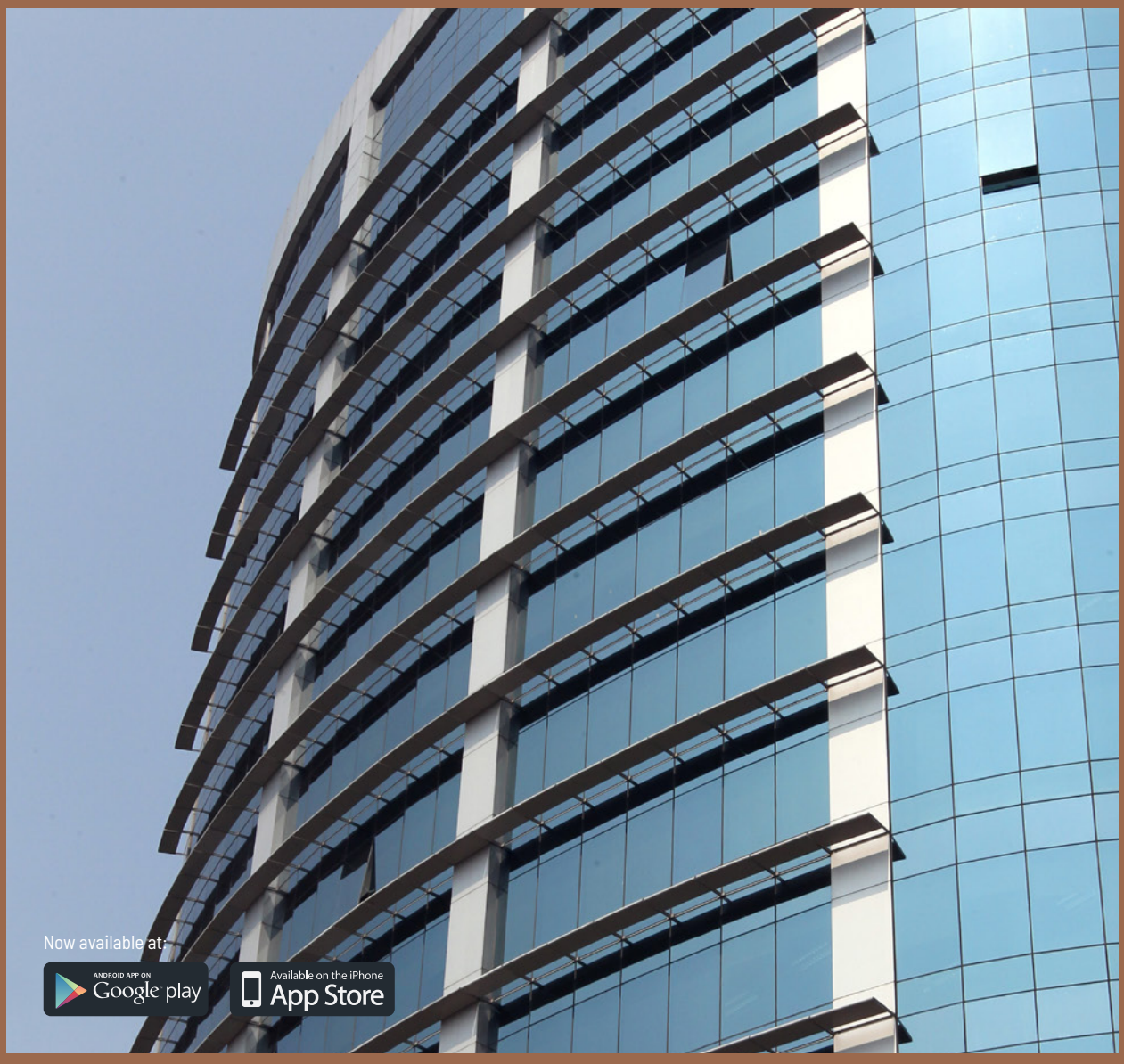
LB ALUMINIUM BERHAD
198501006093 (138535-V)

ALUMINIUM EXTRUSION

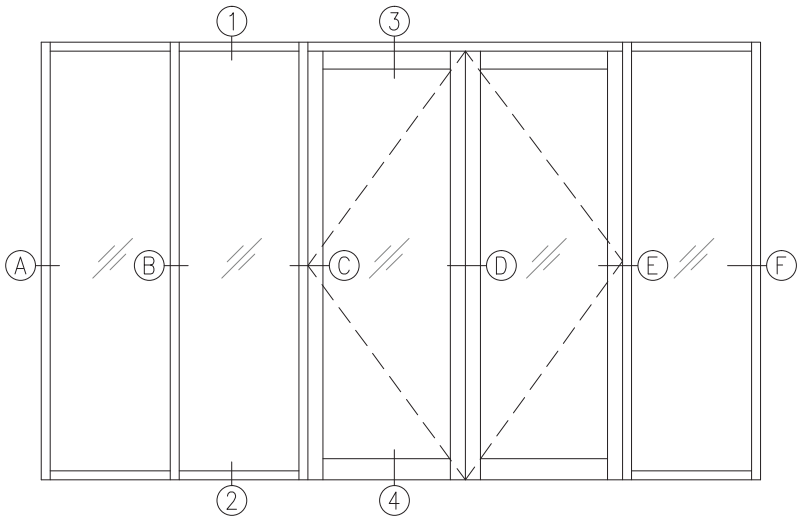
Shopfront / Curtainwall



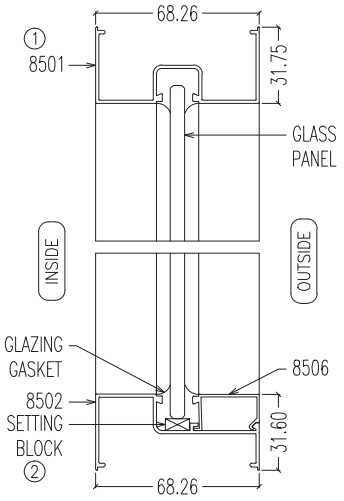
LB ALUMINIUM BERHAD
198501006093 (138535-V)

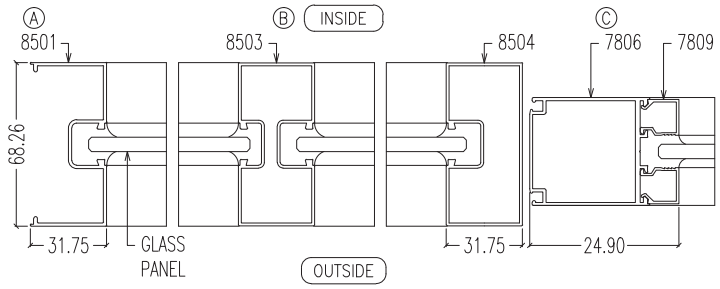
ALUMINIUM EXTRUSION INDEX

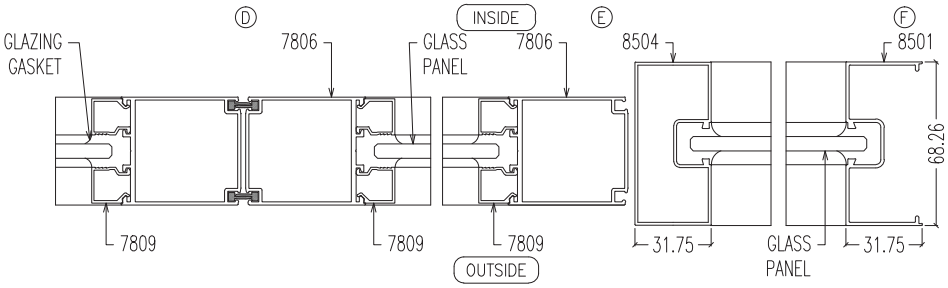
TYPICAL ASSEMBLY SECTIONAL DETAILS



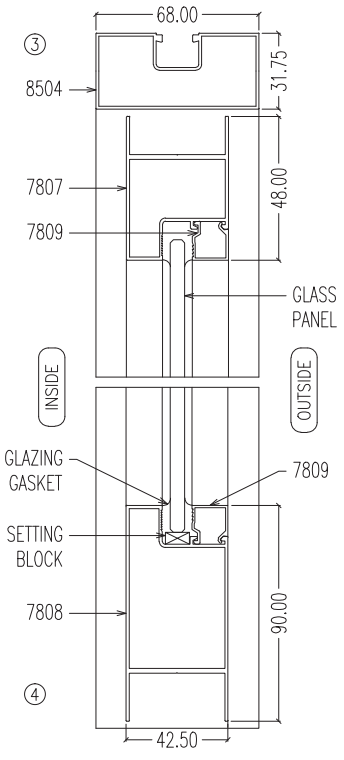
ELEVATION



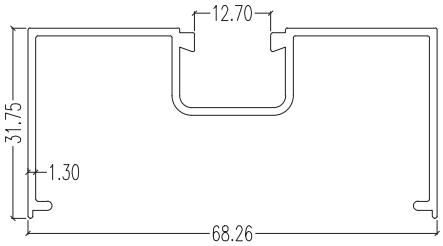




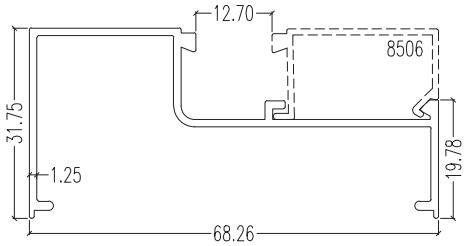
HORIZONTAL SECTIONS



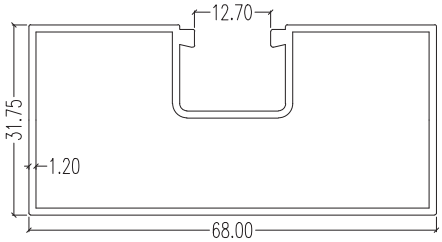
VERTICAL SECTIONS



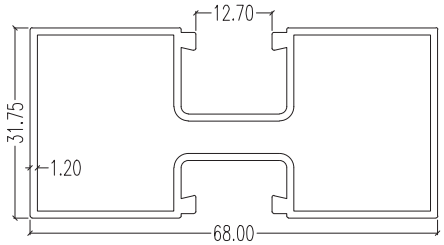
8501
LW : 0.592 kg/m
AP : 328.17 mm



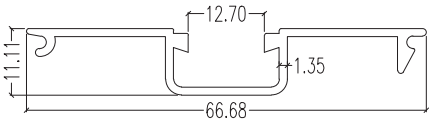
8502
LW : 0.511 kg/m
AP : 290.33 mm



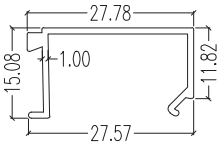
8504
LW : 0.802 kg/m
AP : 237.68 mm



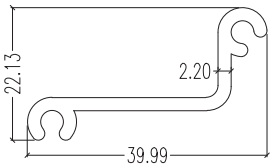
8503
LW : 0.907 kg/m
AP : 266.34 mm



8505
LW : 0.394 kg/m
AP : 201.62 mm



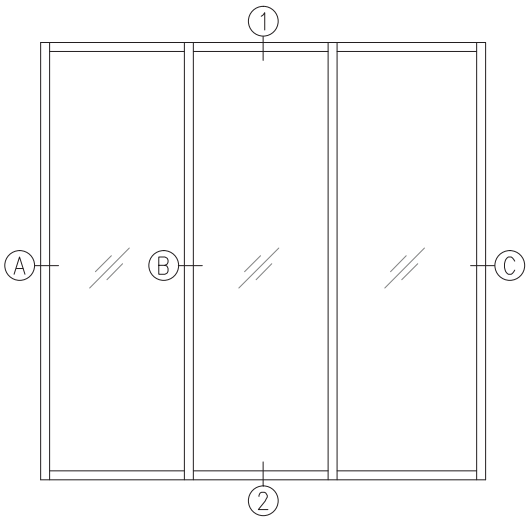
8506 (Beading)
LW : 0.208 kg/m
AP : 127.87 mm



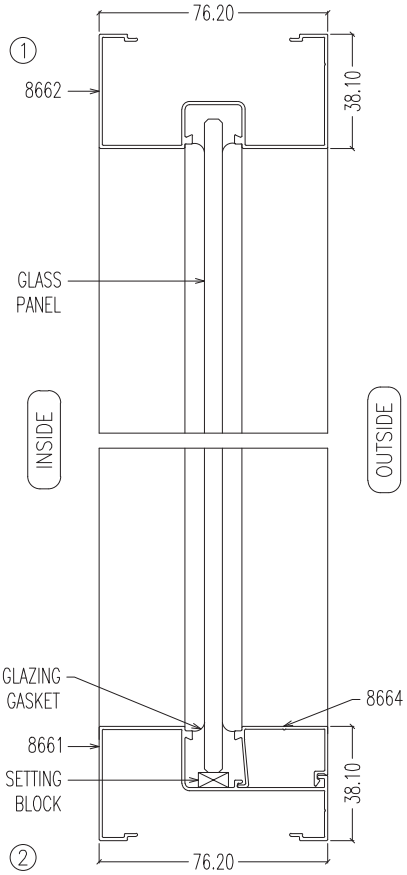
8507 (Bracket)
LW : 0.428 kg/m
AP : 131.08 mm

Scale 0.8 : 1

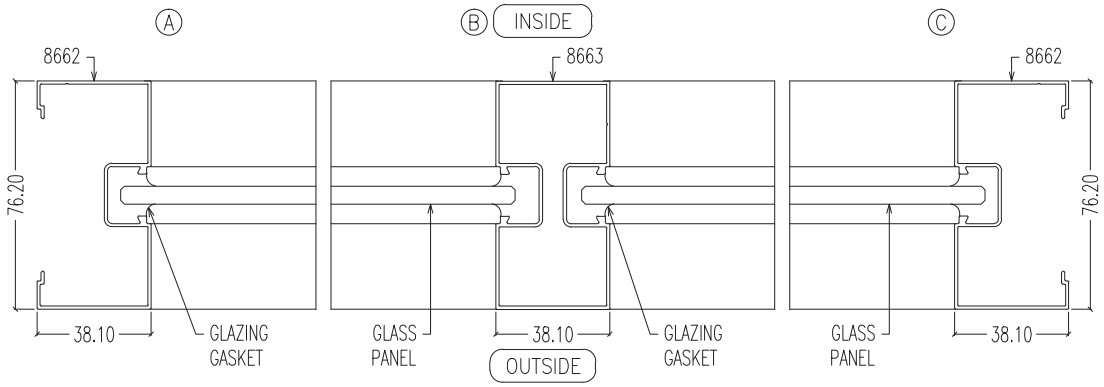
TYPICAL ASSEMBLY SECTIONAL DETAILS



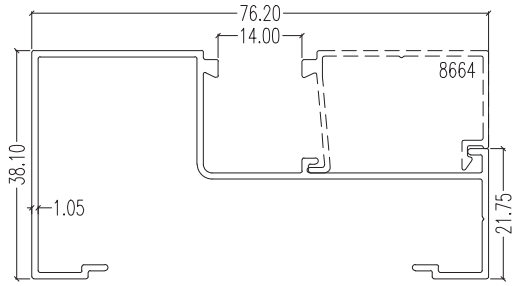
ELEVATION



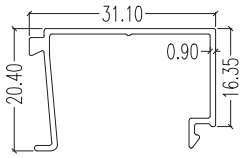
VERTICAL SECTIONS



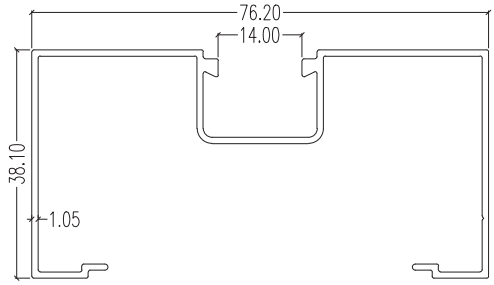
HORIZONTAL SECTIONS



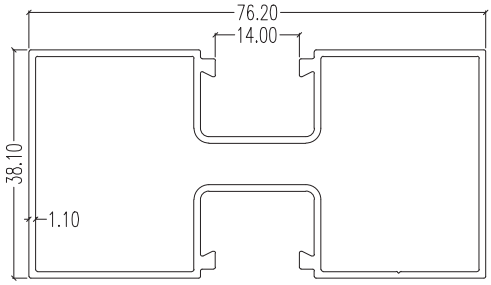
8661
LW : 0.545 kg/m
AP : 374.70 mm



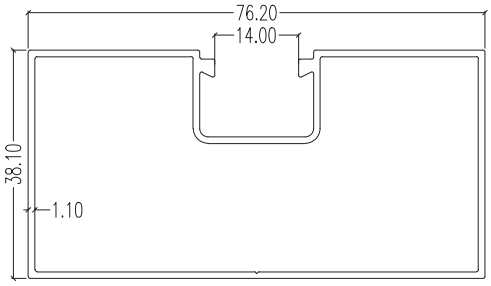
8664
LW : 0.200 kg/m
AP : 153.71 mm



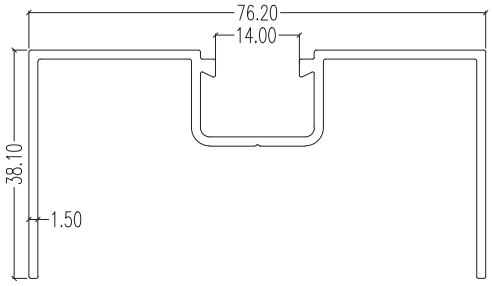
8662
LW : 0.614 kg/m
AP : 417.14 mm



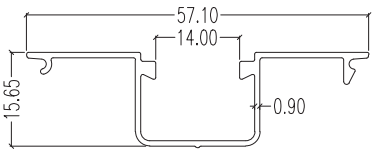
8663
LW : 0.902 kg/m
AP : 305.12 mm



8666
LW : 0.785 kg/m
AP : 266.60 mm

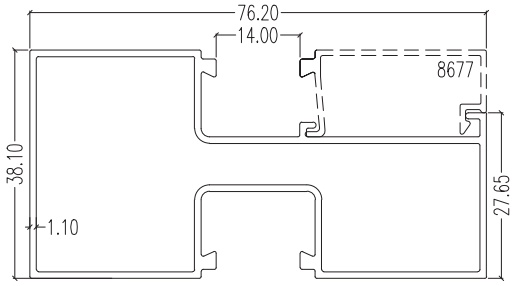


8667
LW : 0.753 kg/m
AP : 365.50 mm

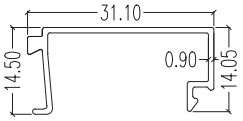


8665
LW : 0.268 kg/m
AP : 195.91 mm

Scale 0.8 : 1



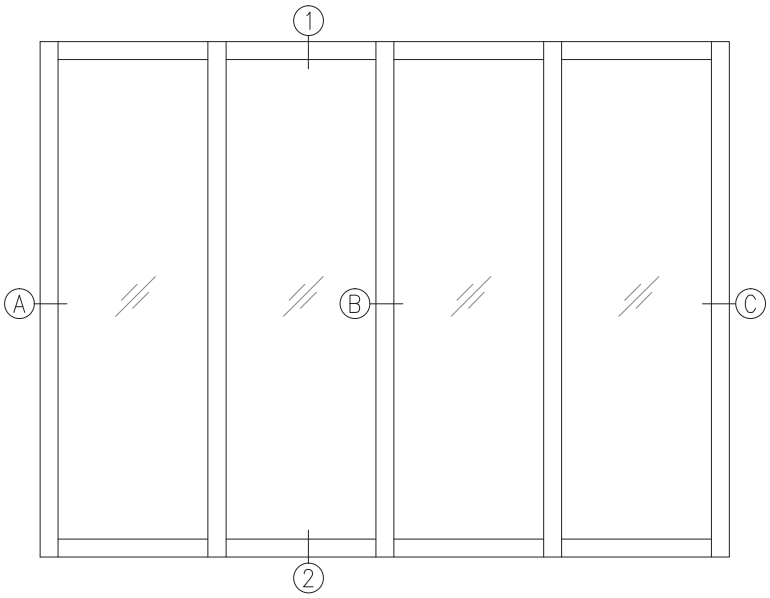
8676
LW : 0.831 kg/m
AP : 290.71 mm



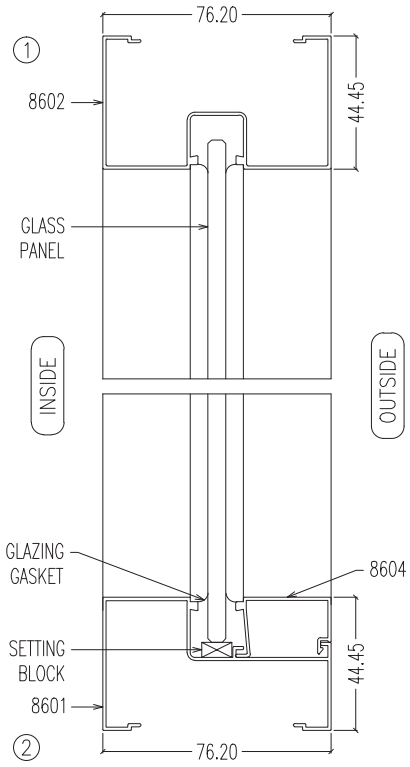
8677
LW : 0.170 kg/m
AP : 128.83 mm

Scale 0.8 : 1

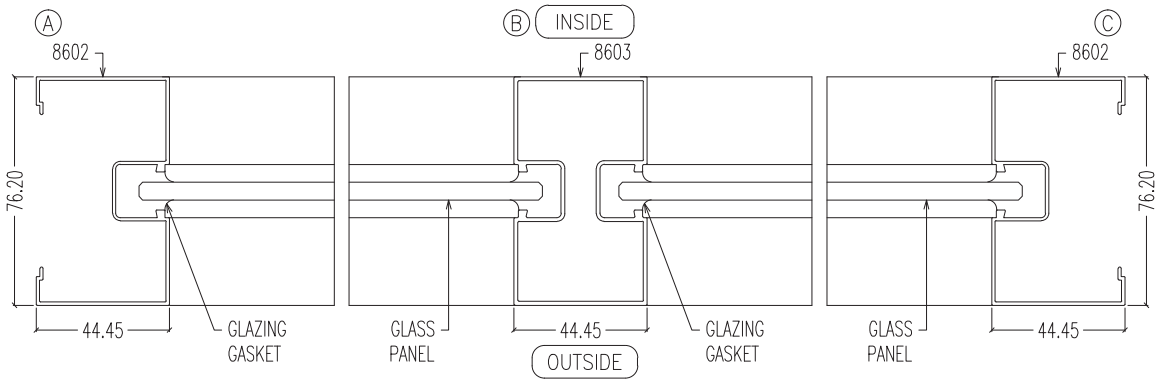
TYPICAL ASSEMBLY SECTIONAL DETAILS



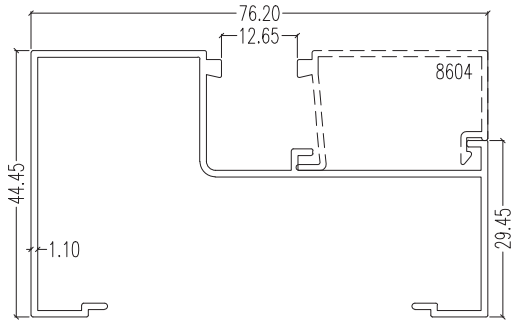
ELEVATION



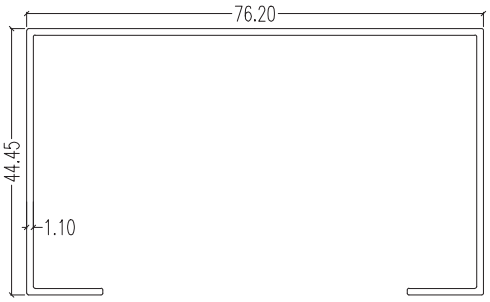
VERTICAL SECTIONS



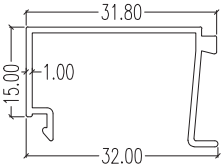
HORIZONTAL SECTIONS



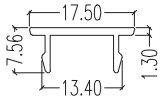
8601
LW : 0.653 kg/m
AP : 408.61 mm



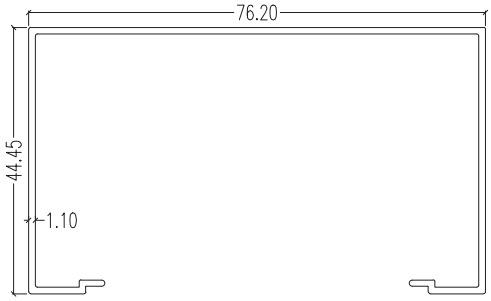
8607
LW : 0.653 kg/m
AP : 372.85 mm



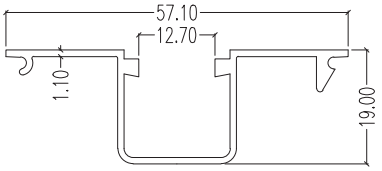
8604 (Beading)
LW : 0.264 kg/m
AP : 154.48 mm



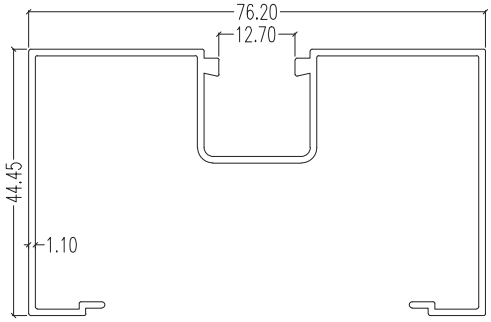
8623 (Capping)
LW : 0.109 kg/m
AP : 61.56 mm



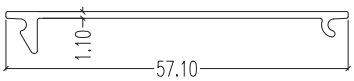
8612
LW : 0.591 kg/m
AP : 376.77 mm



8605
LW : 0.391 kg/m
AP : 212.31 mm

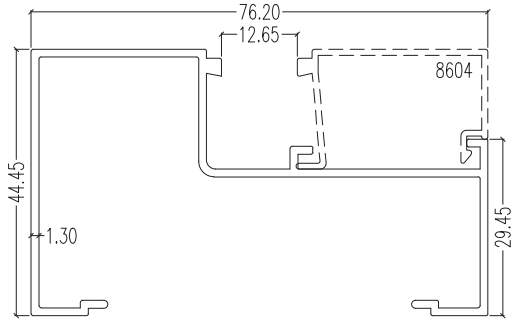


8602
LW : 0.743 kg/m
AP : 456.72 mm

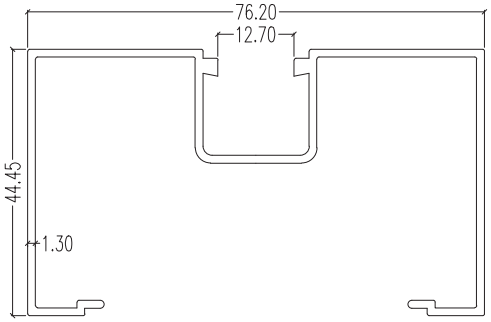


8682
LW : 0.214 kg/m
AP : 133.15 mm

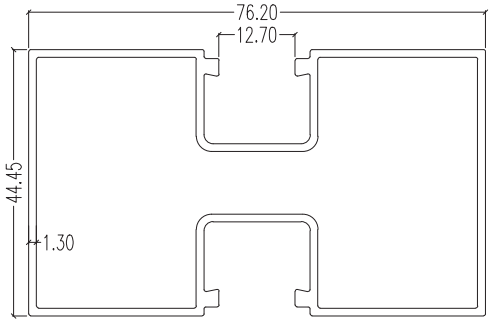
Scale 0.8 : 1



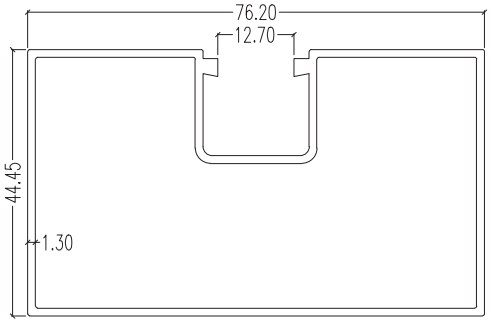
8649
LW : 0.725 kg/m
AP : 405.31 mm



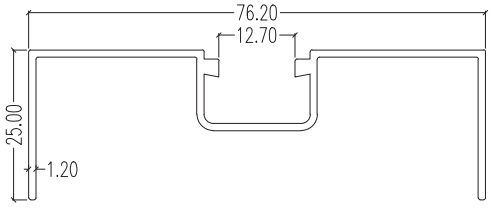
8650
LW : 0.818 kg/m
AP : 453.16 mm



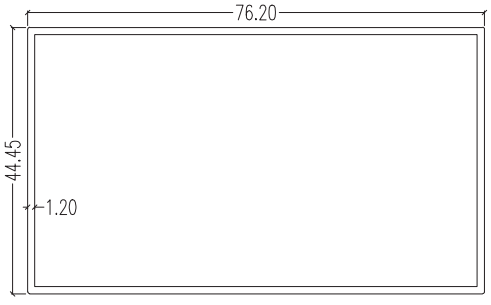
8603
LW : 1.119 kg/m
AP : 320.05 mm



8606
LW : 1.000 kg/m
AP : 285.74 mm

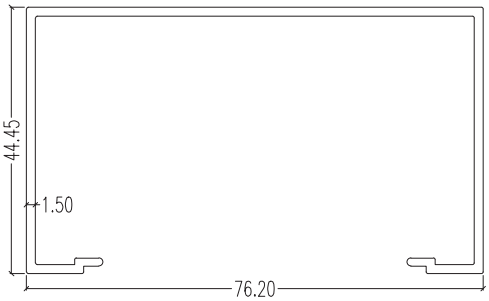


8628
LW : 0.514 kg/m
AP : 304.61 mm

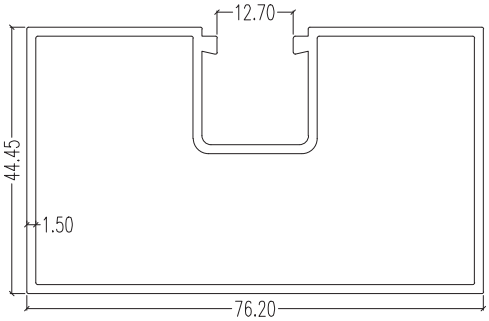


8639
LW : 0.770 kg/m
AP : 240.78 mm

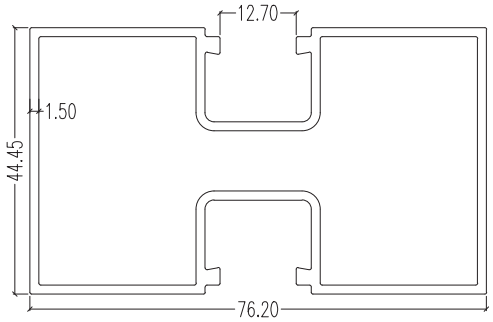
Scale 0.8 : 1



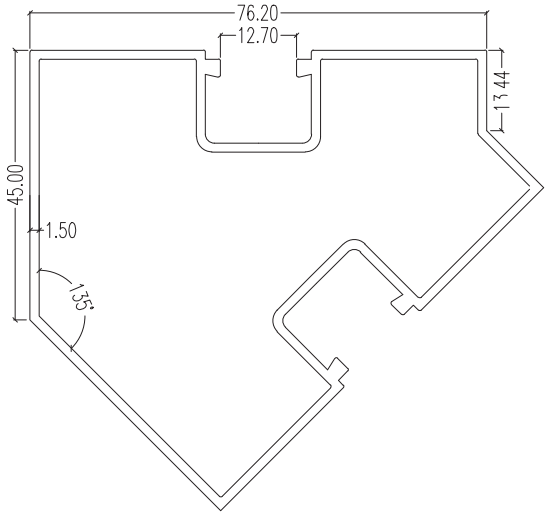
8610
LW : 0.756 kg/m
AP : 373.80 mm



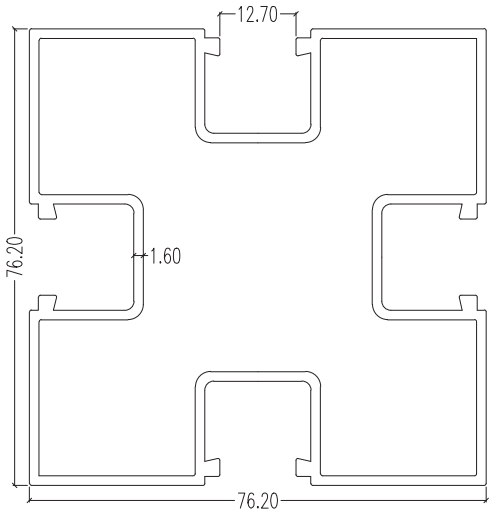
8656
LW : 1.146 kg/m
AP : 288.88 mm



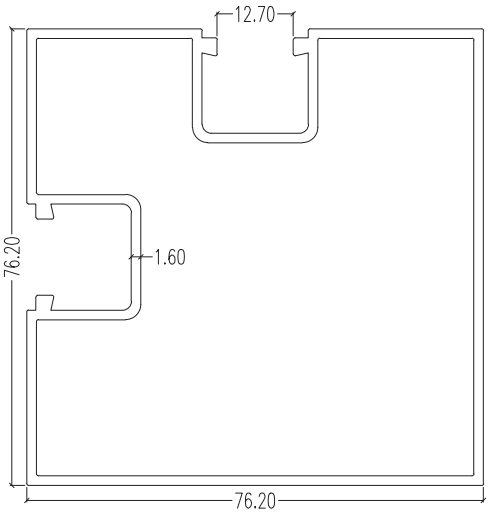
8683
LW : 1.272 kg/m
AP : 320.05 mm



8609
LW : 1.500 kg/m
AP : 348.85 mm

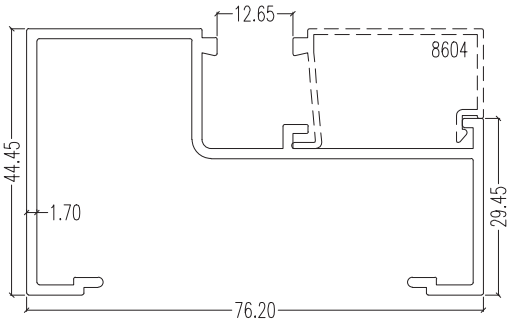


8643
LW : 2.029 kg/m
AP : 476.42 mm

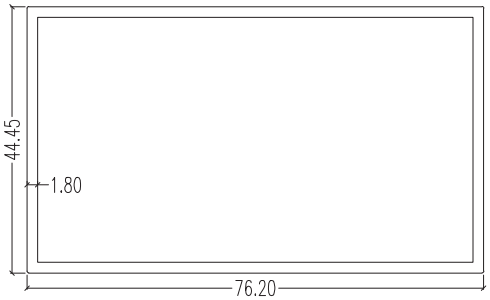


8653
LW : 1.662 kg/m
AP : 392.07 mm

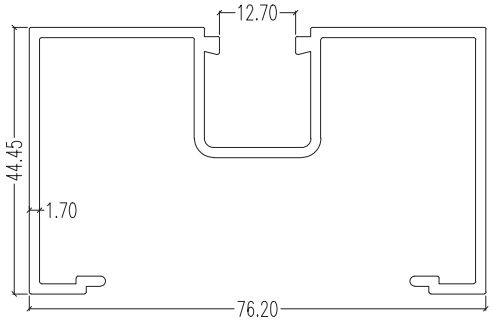
Scale 0.8 : 1



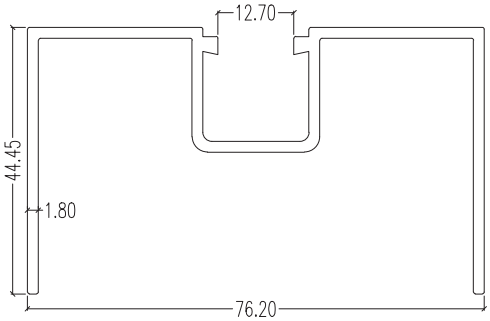
8625
LW : 0.930 kg/m
AP : 401.77 mm



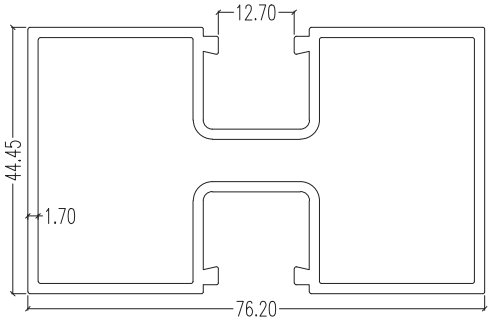
8640
LW : 1.143 kg/m
AP : 241.30 mm



8626
LW : 1.070 kg/m
AP : 458.82 mm

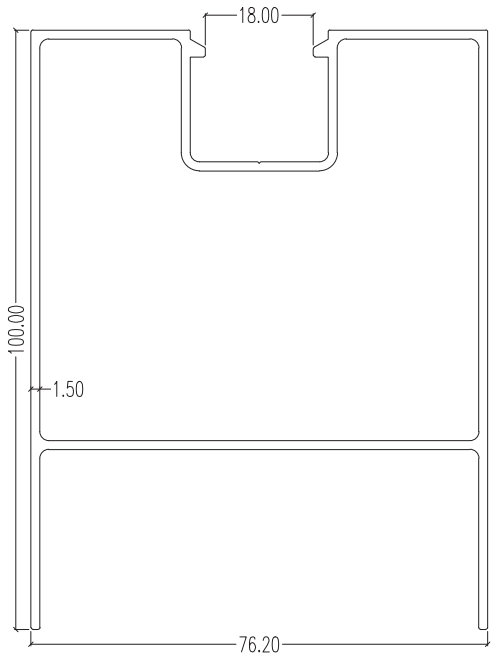


8651
LW : 0.989 kg/m
AP : 401.39 mm

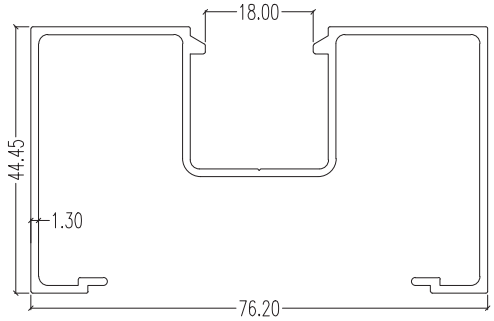


8627
LW : 1.452 kg/m
AP : 326.89 mm

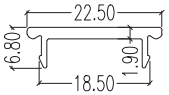
Scale 0.8 : 1



18812
LW : 1.621 kg/m
AP : 460.57 mm



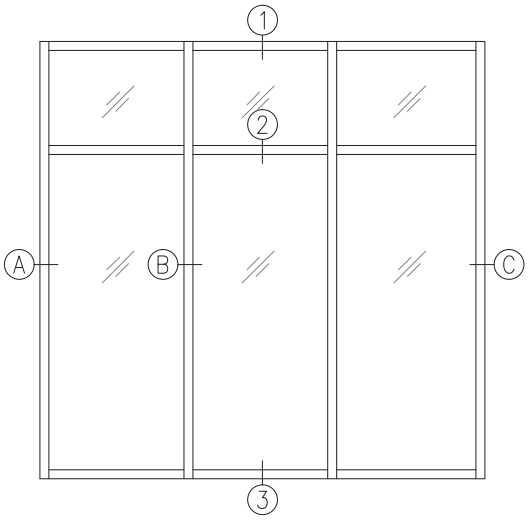
18813
LW : 0.861 kg/m
AP : 470.94 mm



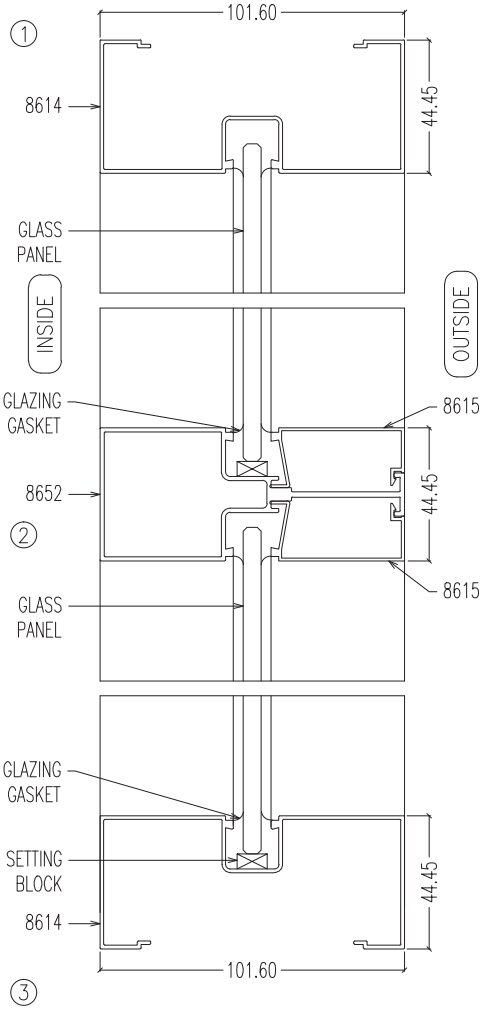
19881
LW : 0.137 kg/m
AP : 67.52 mm

Scale 0.8 : 1

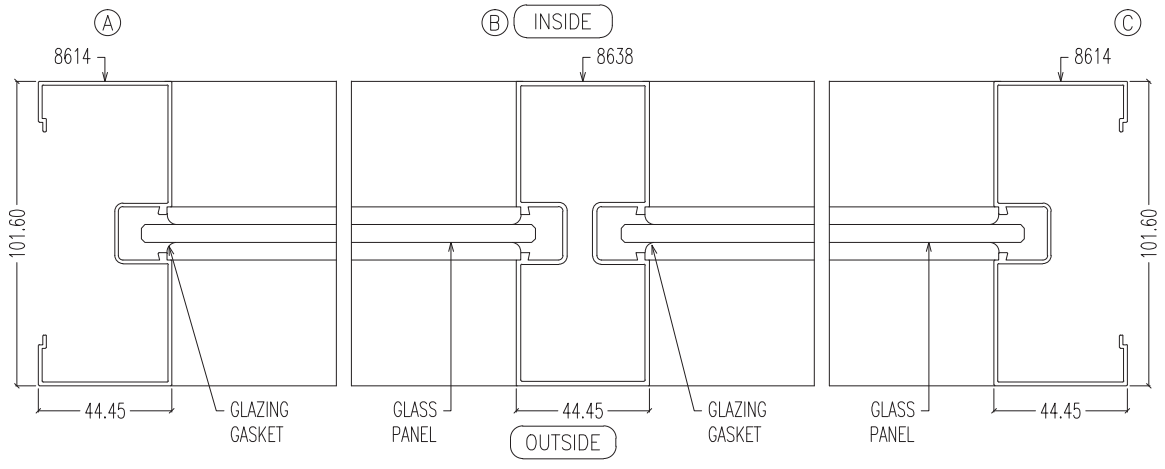
TYPICAL ASSEMBLY SECTIONAL DETAILS



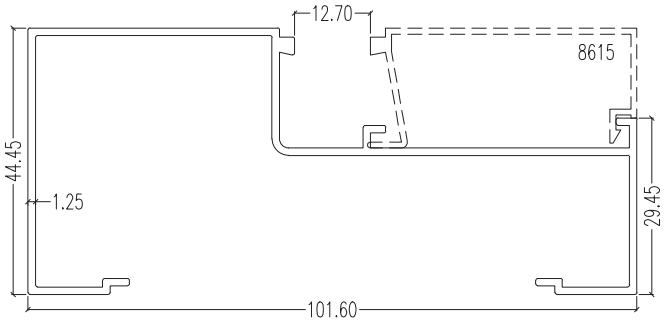
ELEVATION



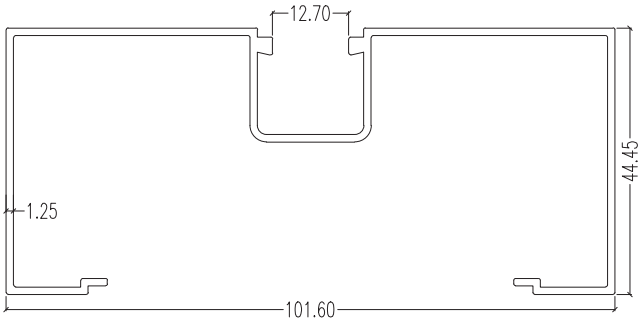
VERTICAL SECTIONS



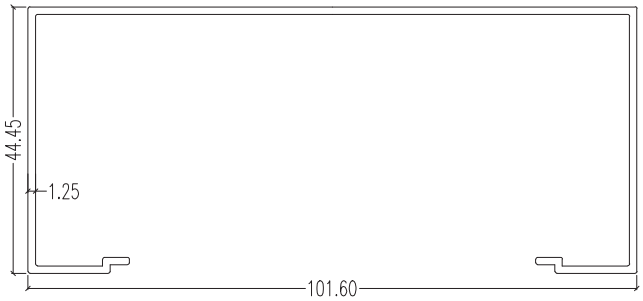
HORIZONTAL SECTIONS



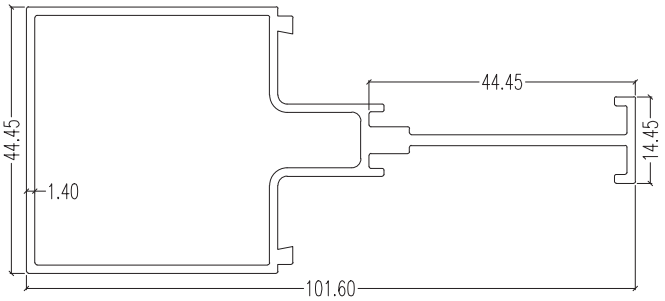
8613
LW : 0.859 kg/m
AP : 474.11 mm



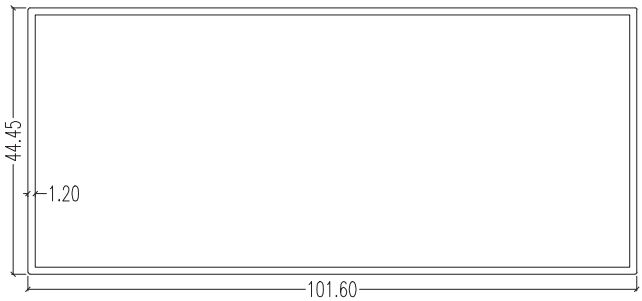
8614
LW : 0.957 kg/m
AP : 522.15 mm



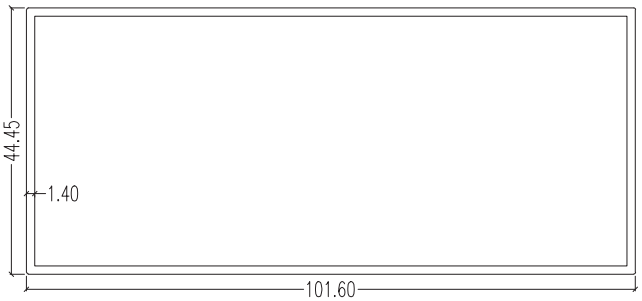
8619
LW : 0.782 kg/m
AP : 512.00 mm



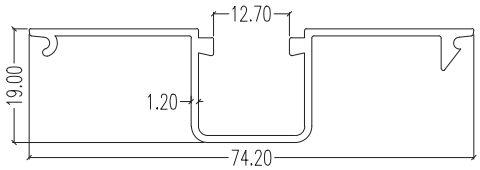
8652
LW : 1.188 kg/m
AP : 342.01 mm



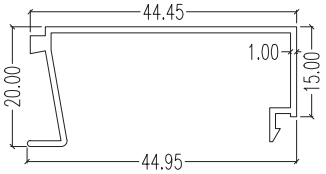
8622
LW : 0.982 kg/m
AP : 291.58 mm



8624
LW : 1.088 kg/m
AP : 291.58 mm

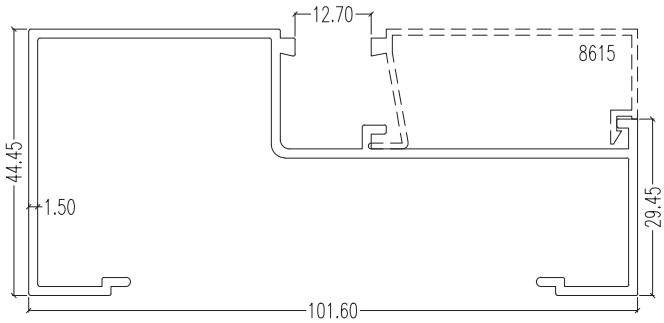


8616
LW : 0.506 kg/m
AP : 245.24 mm

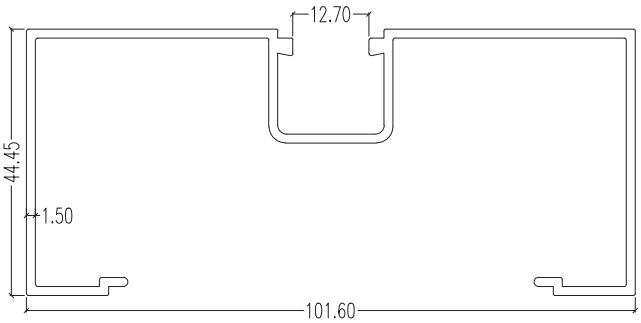


8615
LW : 0.304 kg/m
AP : 183.75 mm

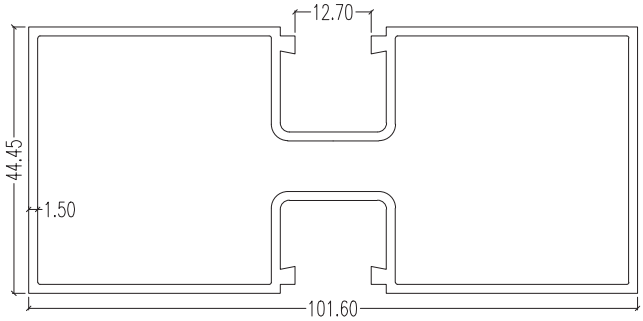
Scale 0.8 : 1



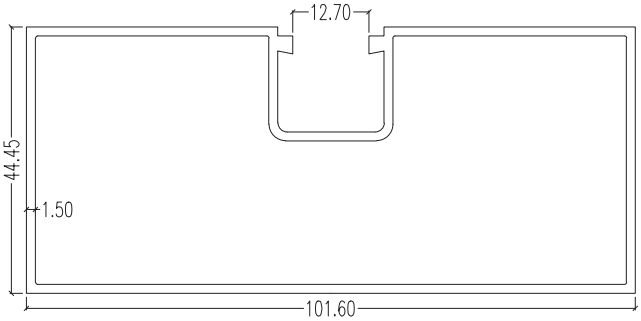
8646
LW : 1.018 kg/m
AP : 472.36 mm



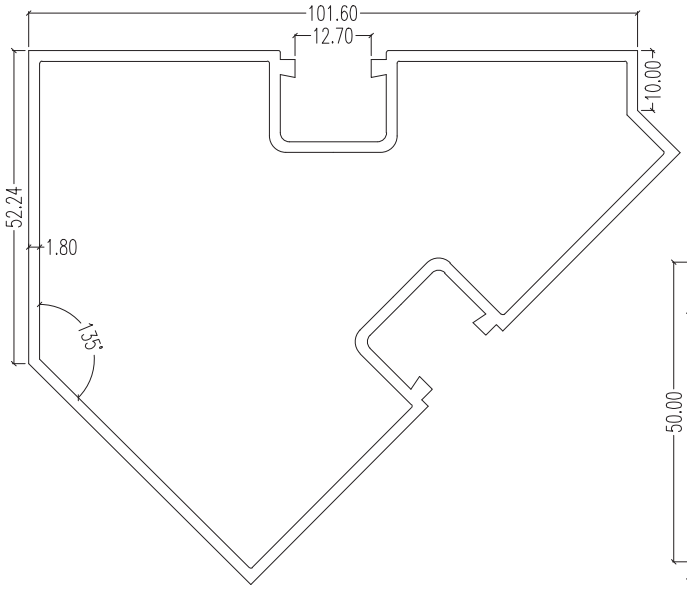
8644
LW : 1.126 kg/m
AP : 519.83 mm



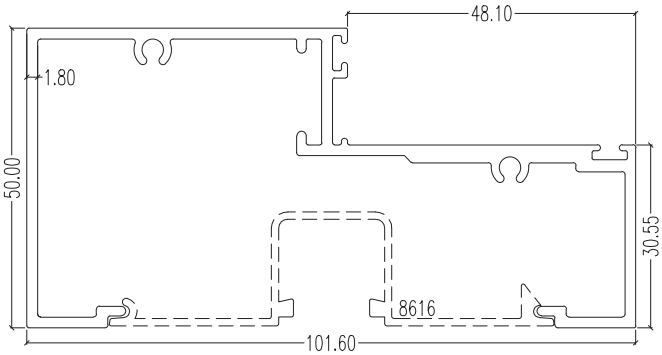
8638
LW : 1.495 kg/m
AP : 377.72 mm



8637
LW : 1.338 kg/m
AP : 336.91 mm

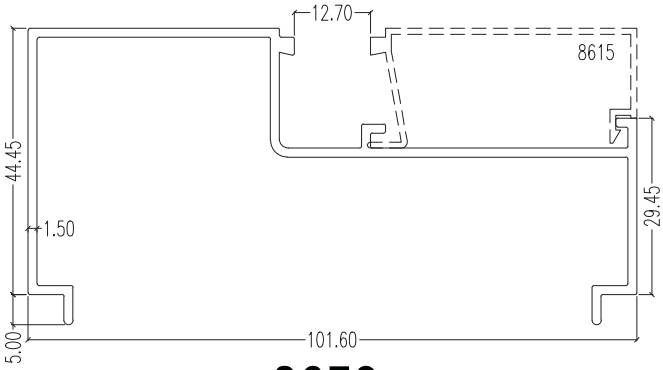


8645
LW : 2.020 kg/m
AP : 407.59 mm

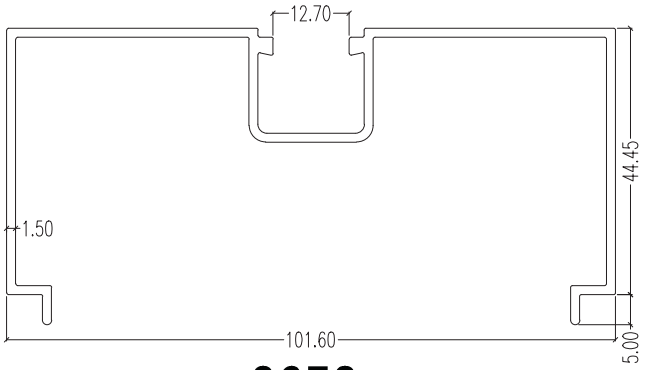


32033
LW : 1.362 kg/m
AP : 528.71 mm

Scale 0.8 : 1

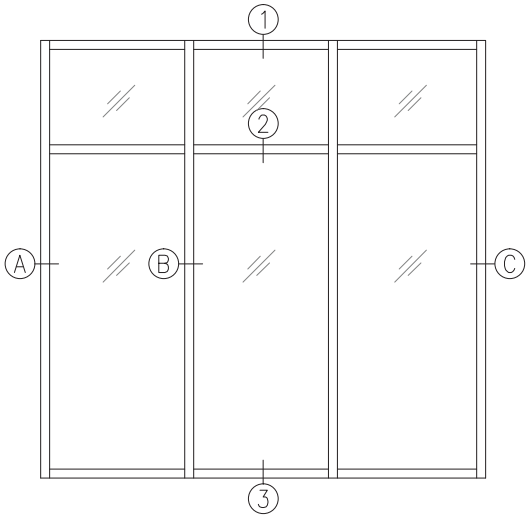


8679
LW : 0.922 kg/m
AP : 447.86 mm

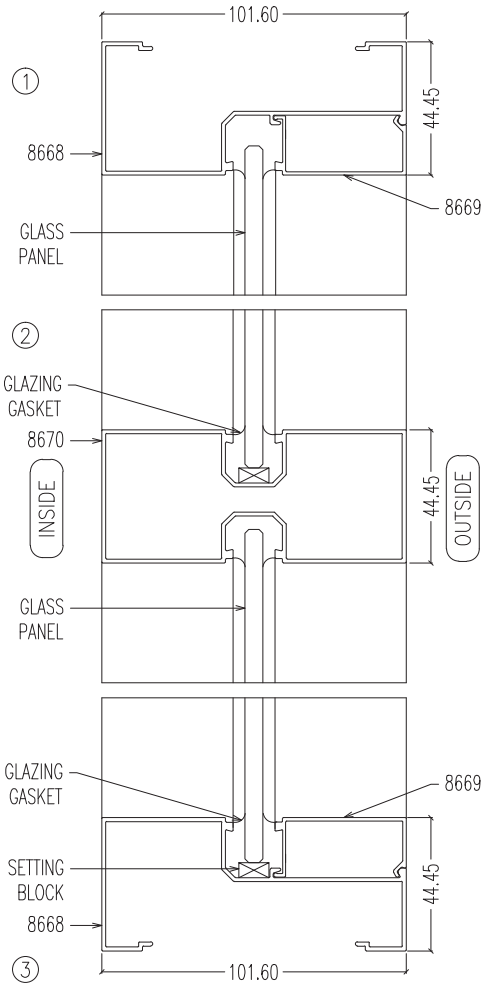


8678
LW : 1.025 kg/m
AP : 494.79 mm

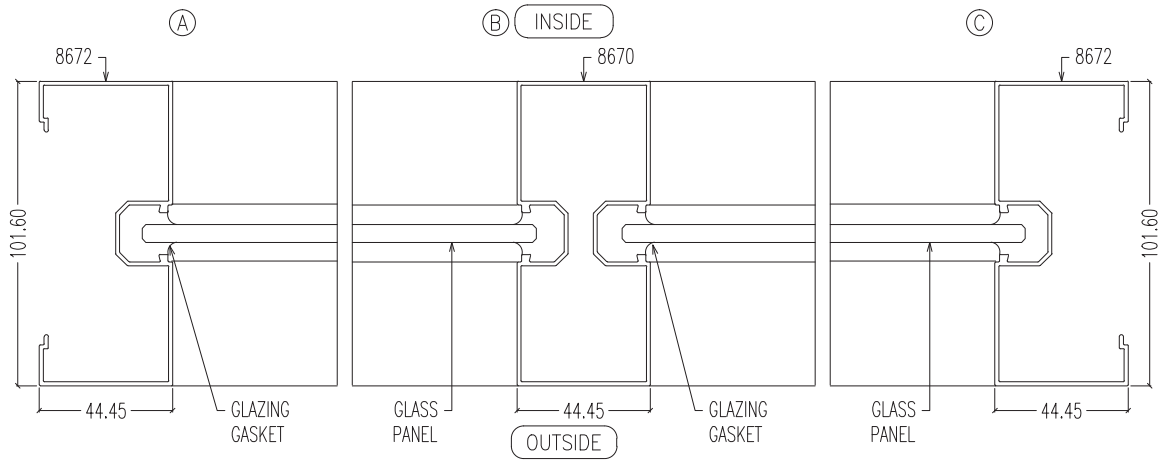
Scale 0.8 : 1



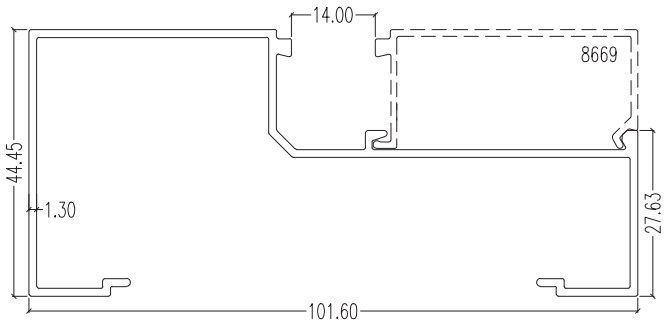
ELEVATION



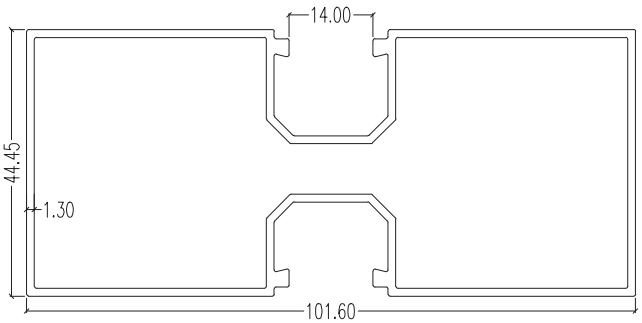
VERTICAL SECTIONS



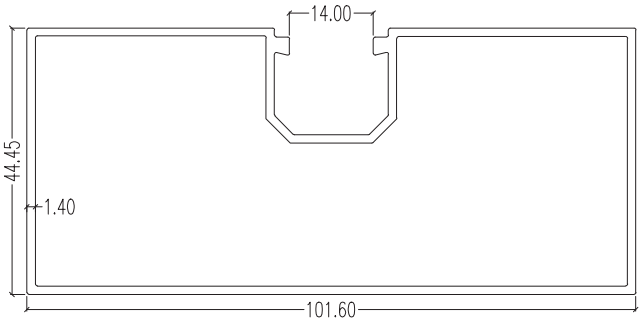
HORIZONTAL SECTIONS



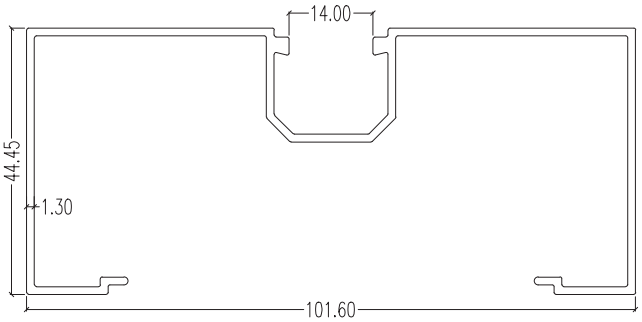
8668
LW : 0.833 kg/m
AP : 460.64 mm



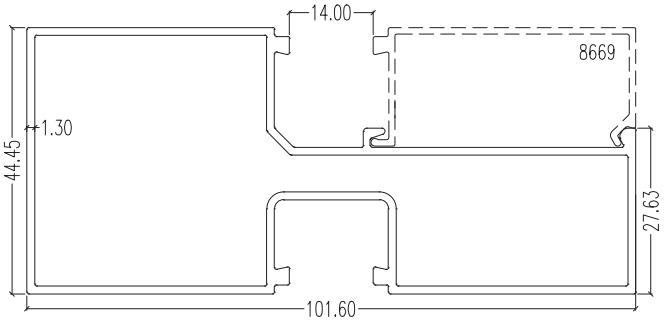
8670
LW : 1.293 kg/m
AP : 370.00 mm



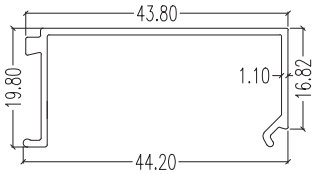
8671
LW : 1.234 kg/m
AP : 332.99 mm



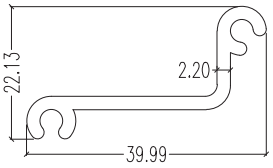
8672
LW : 0.931 kg/m
AP : 515.50 mm



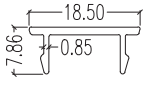
8684
LW : 1.204 kg/m
AP : 350.57 mm



8669
LW : 0.267 kg/m
AP : 175.81 mm

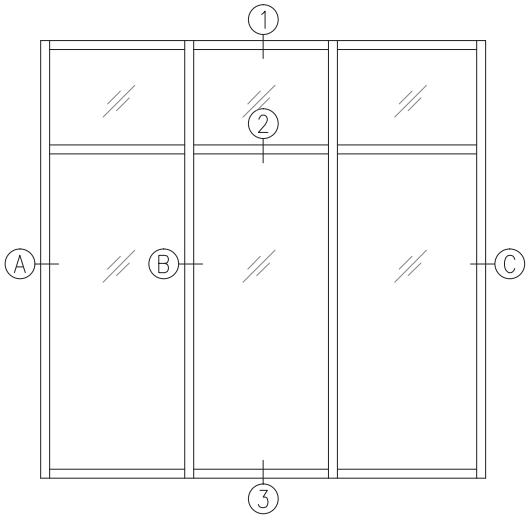


8507 (Bracket)
LW : 0.428 kg/m
AP : 131.08 mm

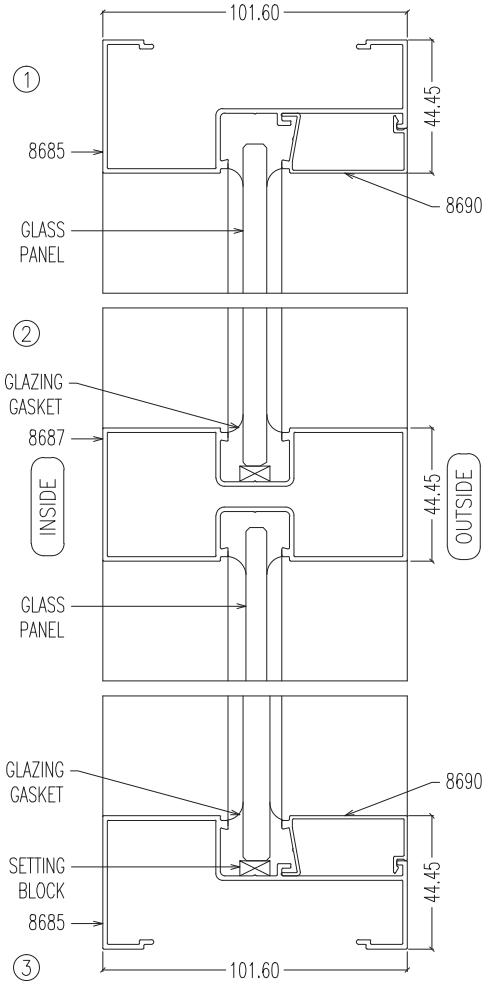


8680
LW : 0.099 kg/m
AP : 64.22 mm

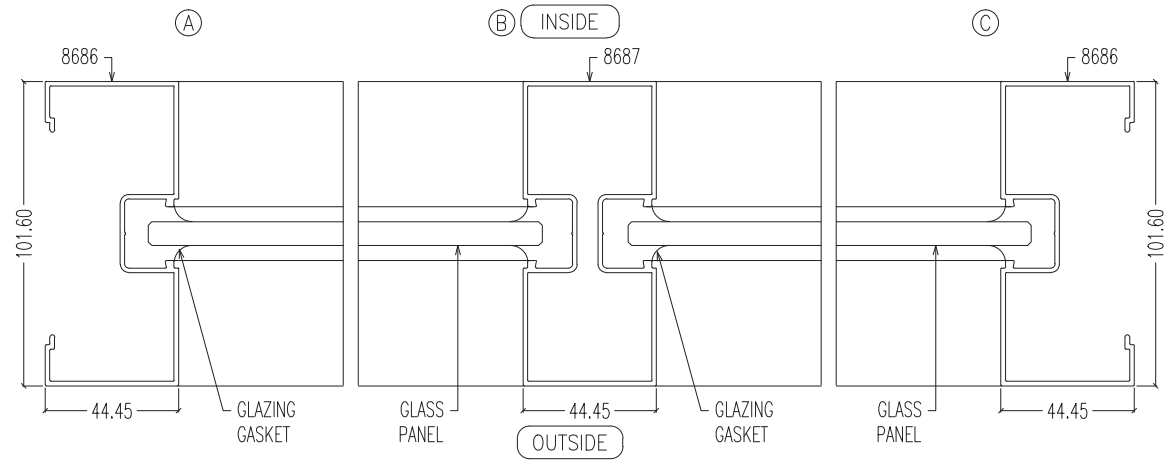
Scale 0.8 : 1



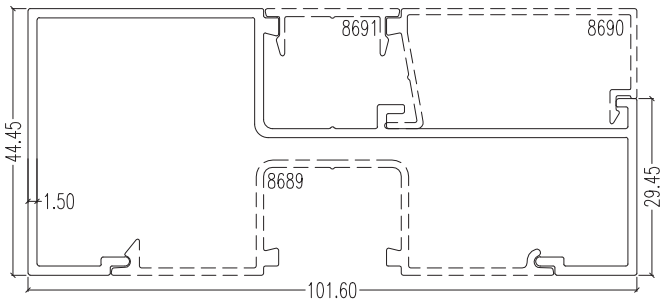
ELEVATION



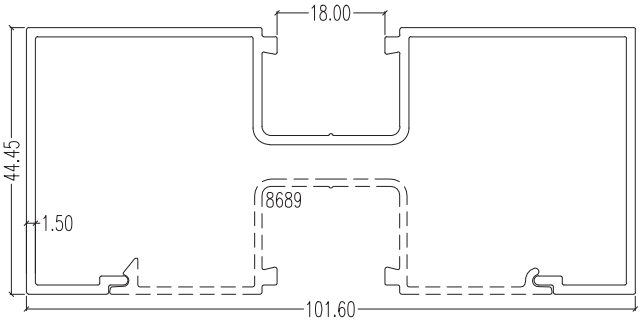
VERTICAL SECTIONS



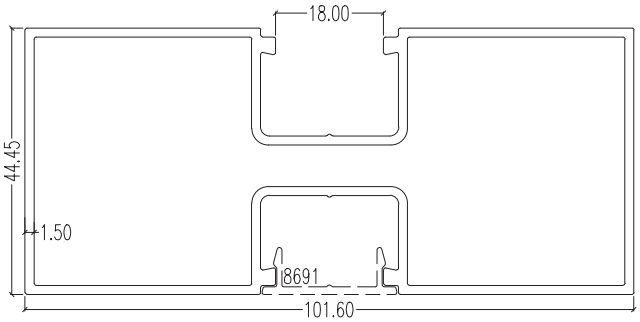
HORIZONTAL SECTIONS



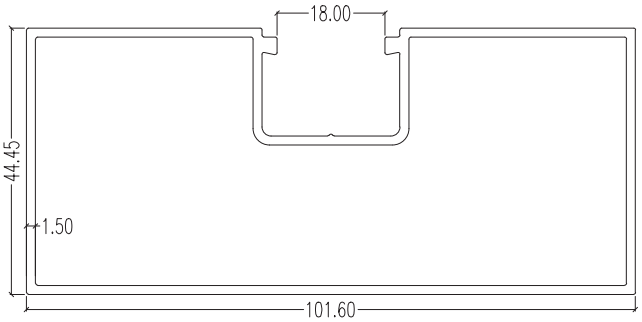
8685
LW : 0.973 kg/m
AP : 471.85 mm



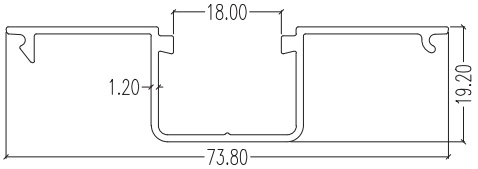
8686
LW : 1.077 kg/m
AP : 519.74 mm



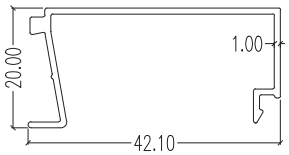
8687
LW : 1.507 kg/m
AP : 377.05 mm



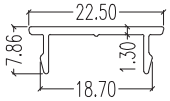
8688
LW : 1.342 kg/m
AP : 335.82 mm



8689
LW : 0.423 kg/m
AP : 241.86 mm



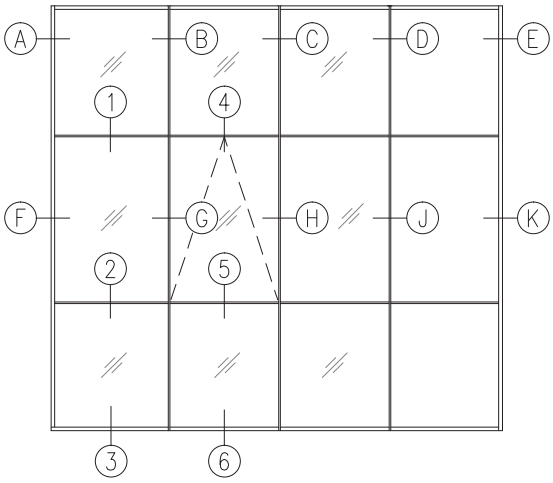
8690
LW : 0.252 kg/m
AP : 176.92 mm



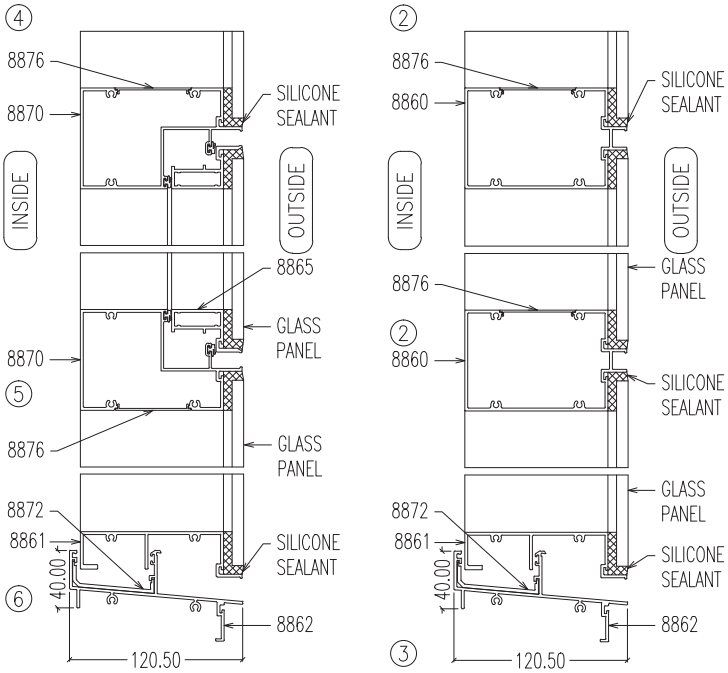
8691
LW : 0.113 kg/m
AP : 72.22 mm

Scale 0.8 : 1

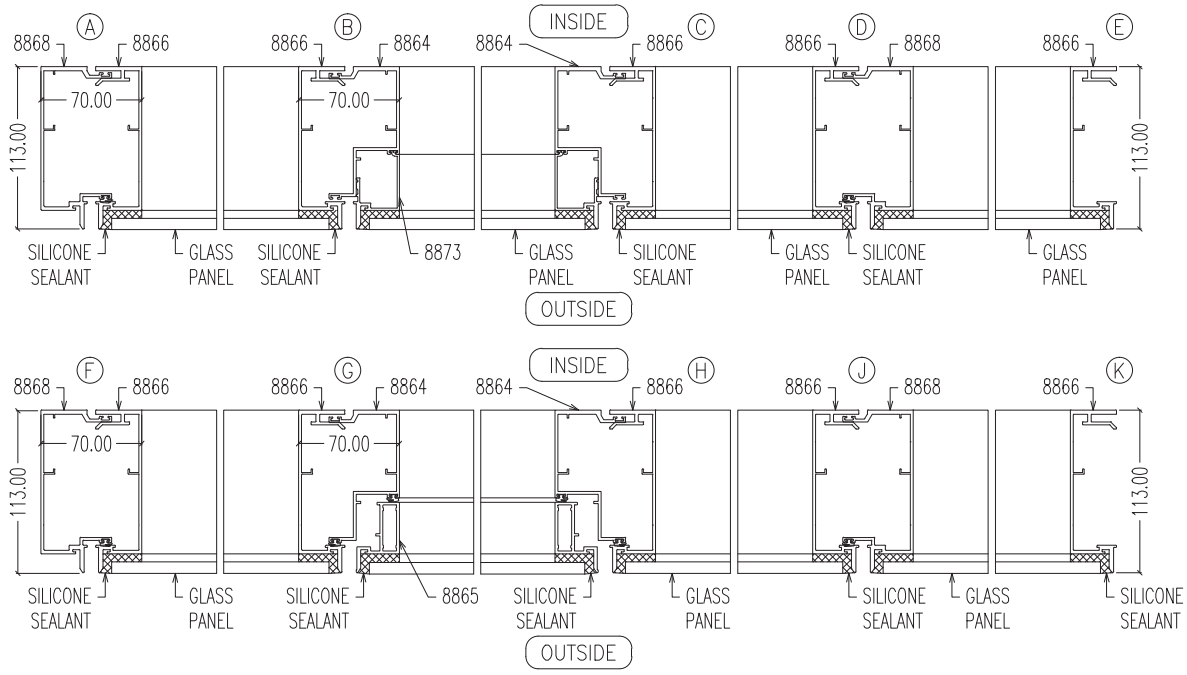
TYPICAL ASSEMBLY SECTIONAL DETAILS



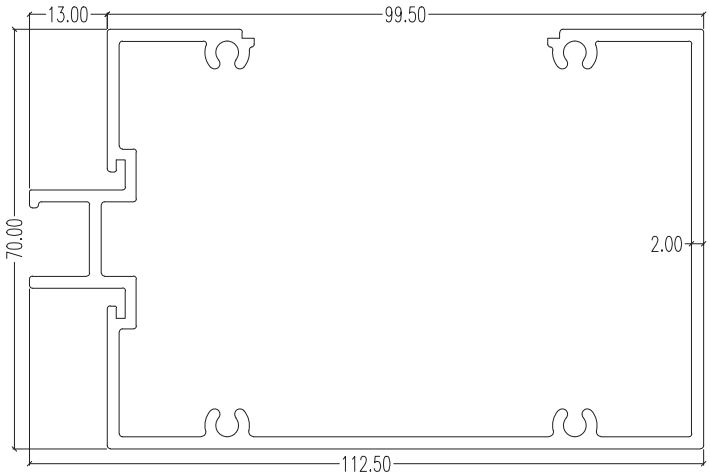
ELEVATION



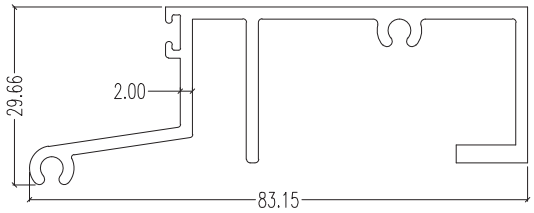
VERTICAL SECTIONS



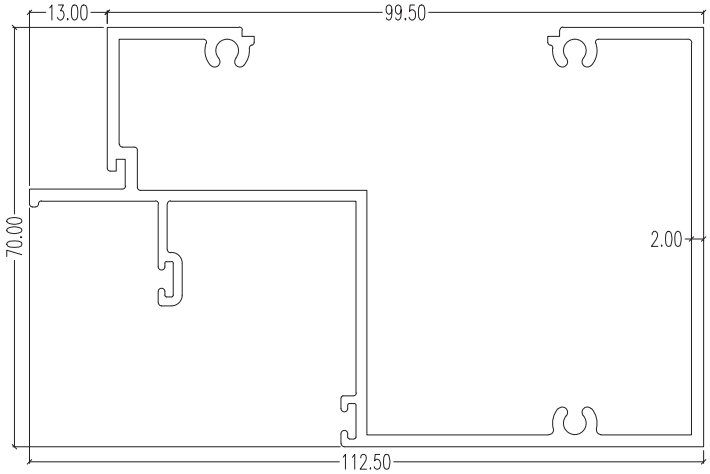
HORIZONTAL SECTIONS



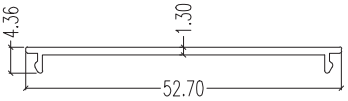
8860
LW : 1.927 kg/m
AP : 709.63 mm



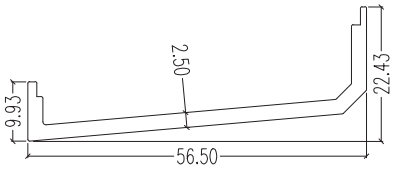
8869
LW : 1.016 kg/m
AP : 368.71 mm



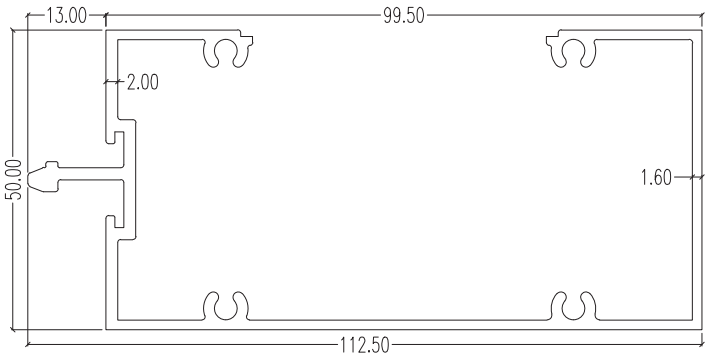
8870
LW : 1.842 kg/m
AP : 709.08 mm



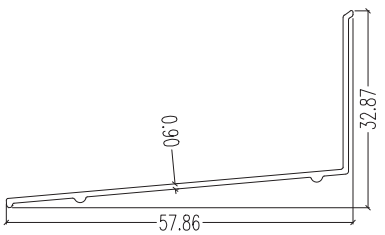
8876
LW : 0.198 kg/m
AP : 119.65 mm



8872
LW : 0.507 kg/m
AP : 158.80 mm

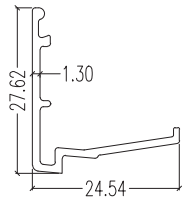


8863
LW : 1.457 kg/m
AP : 603.99 mm

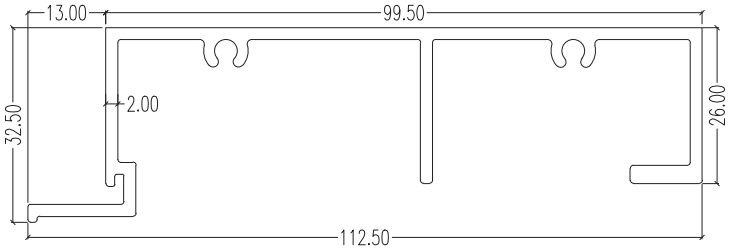


8871
LW : 0.214 kg/m
AP : 171.63 mm

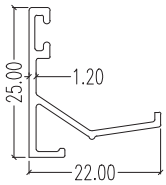
Scale 0.8 : 1



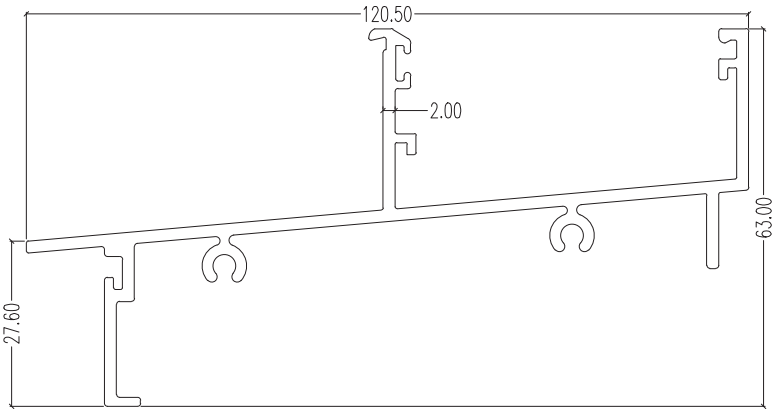
8892
LW : 0.200 kg/m
AP : 117.42 mm



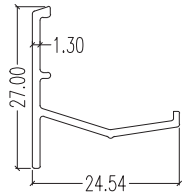
8861
LW : 1.255 kg/m
AP : 449.07 mm



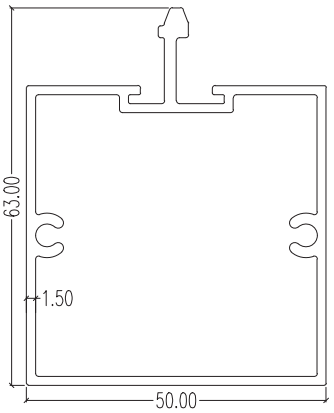
8867
LW : 0.183 kg/m
AP : 122.79 mm



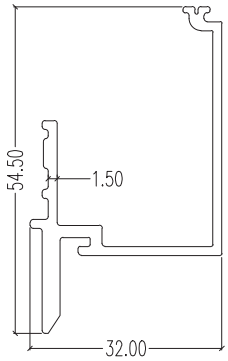
8862
LW : 1.475 kg/m
AP : 552.18 mm



8891
LW : 0.187 kg/m
AP : 110.59 mm

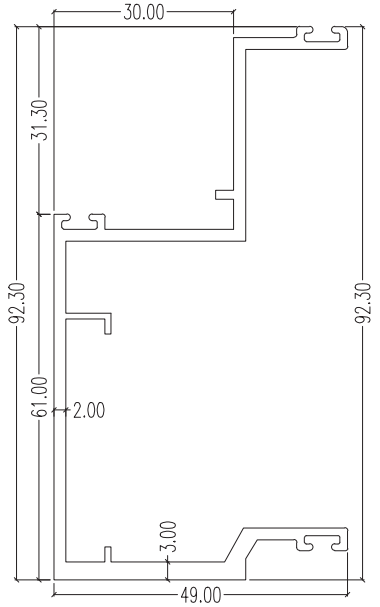


18832
LW : 1.040 kg/m
AP : 247.13 mm

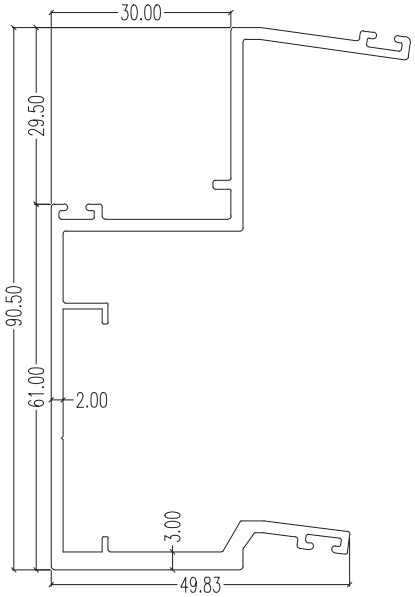


8873
LW : 0.570 kg/m
AP : 235.26 mm

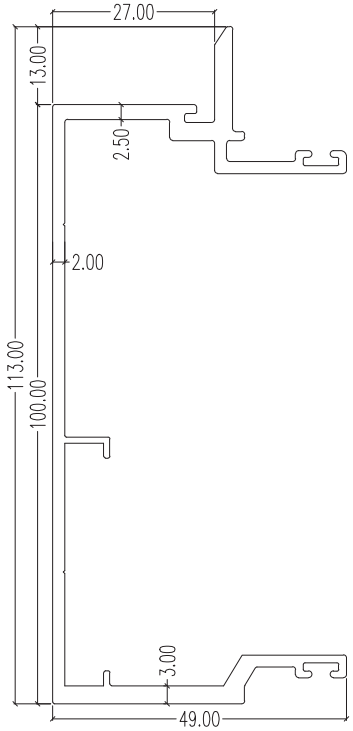
Scale 0.8 : 1



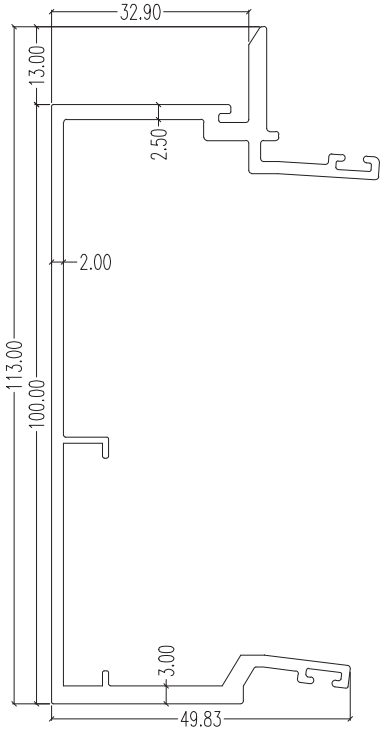
8864
LW : 1.274 kg/m
AP : 445.10 mm



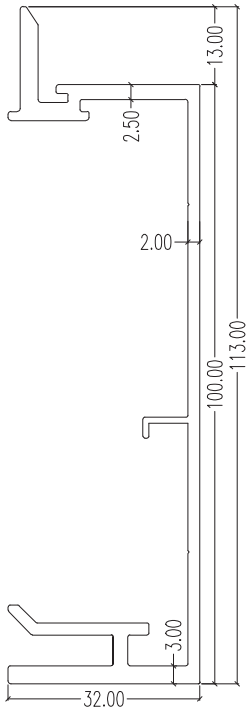
18830
LW : 1.268 kg/m
AP : 468.72 mm



8868
LW : 1.467 kg/m
AP : 501.65 mm

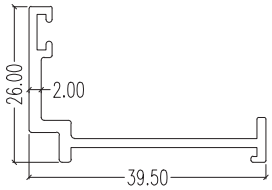


8875
LW : 1.510 kg/m
AP : 514.32 mm

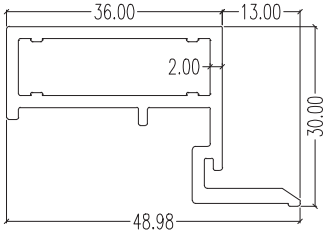


8866
LW : 1.345 kg/m
AP : 445.79 mm

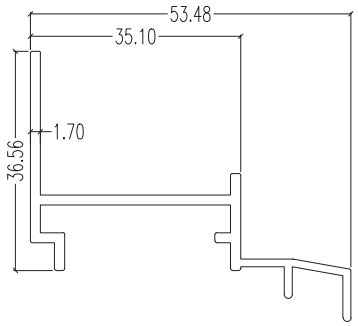
Scale 0.8 : 1



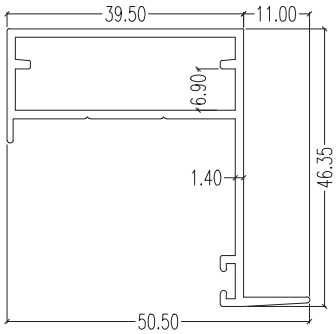
8878
LW : 0.338 kg/m
AP : 157.48 mm



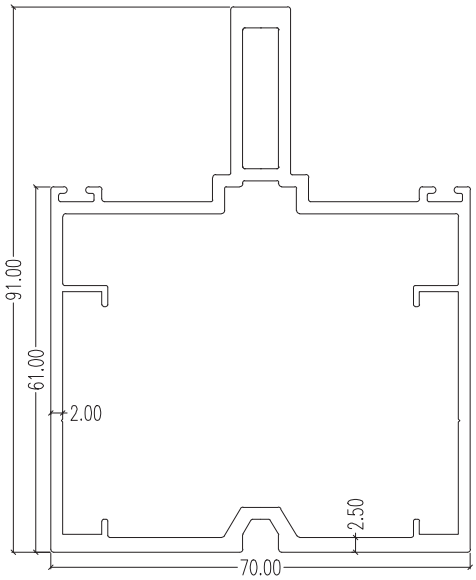
8865
LW : 0.741 kg/m
AP : 264.85 mm



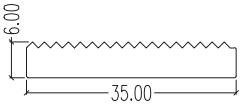
18814
LW : 0.529 kg/m
AP : 245.42 mm



18840
LW : 0.604 kg/m
AP : 214.94 mm



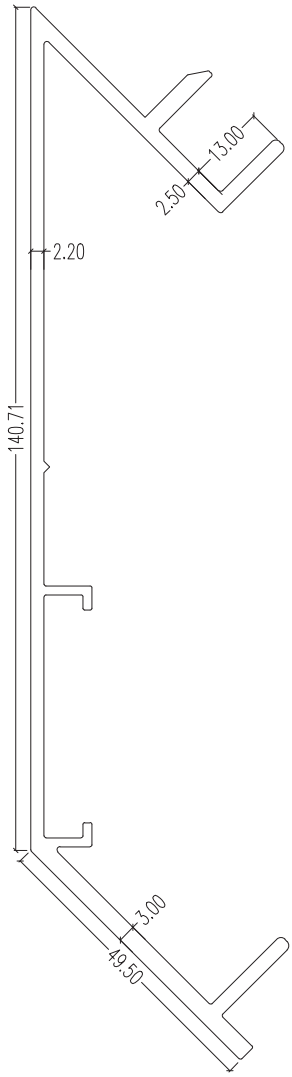
8874
LW : 2.036 kg/m
AP : 355.52 mm



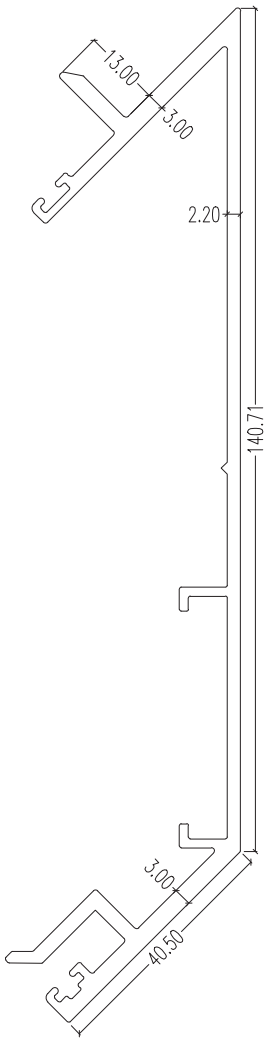
8881
LW : 0.521 kg/m
AP : 93.68 mm

Scale 0.8 : 1

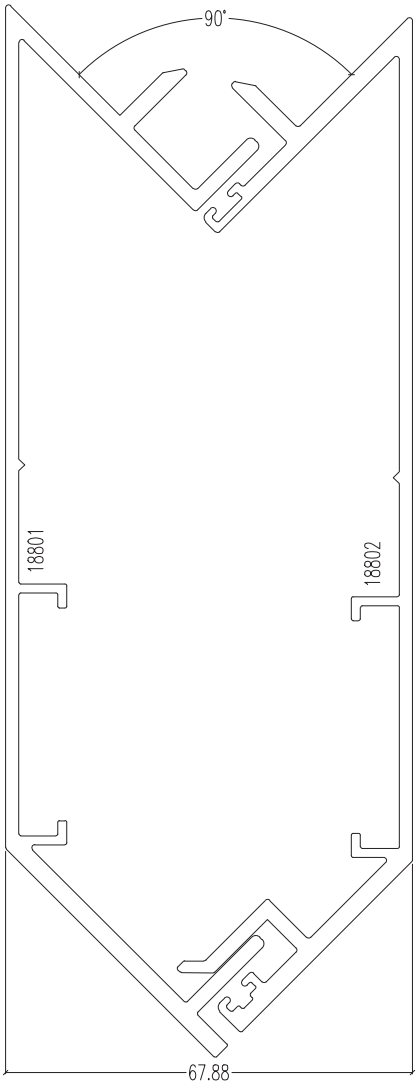
ALBEXWALL UNITISED CURTAINWALL
CTW/U01



18801
LW : 1.906 kg/m
AP : 584.57 mm

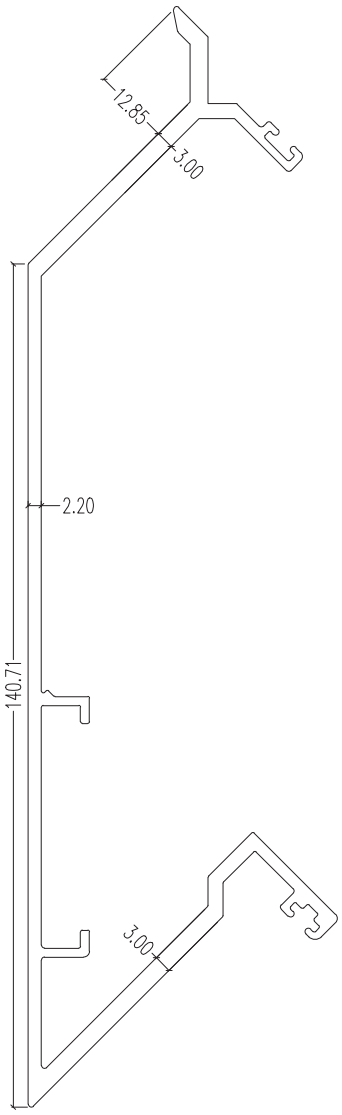


18802
LW : 1.883 kg/m
AP : 591.80 mm

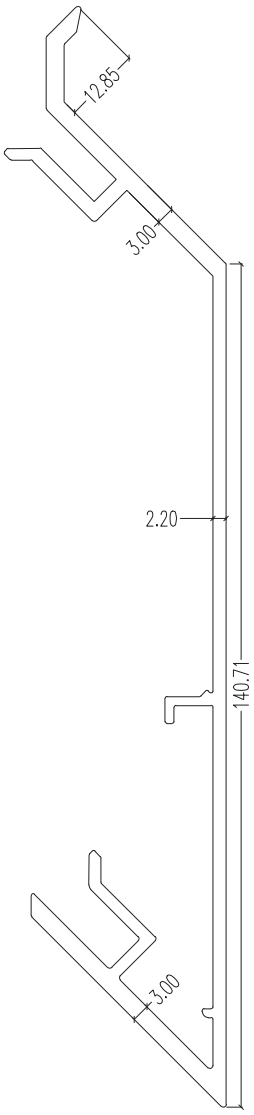


Scale 0.8 : 1

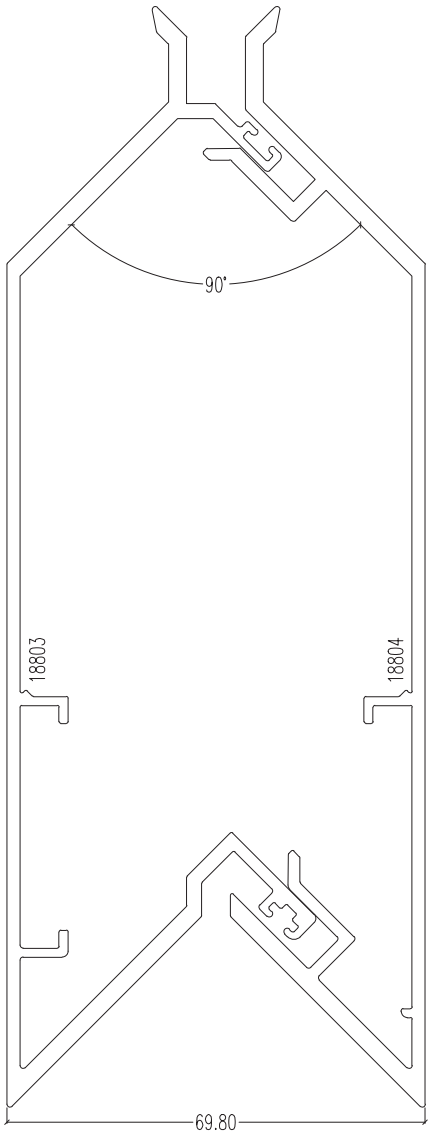
ALBEXWALL UNITISED CURTAINWALL
CTW/U01



18803
LW : 2.071 kg/m
AP : 647.73 mm

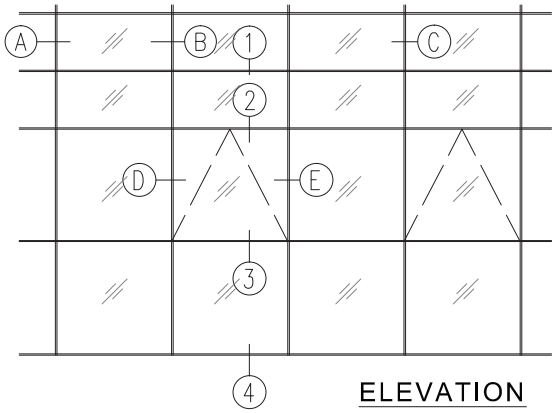


18804
LW : 1.989 kg/m
AP : 602.65 mm

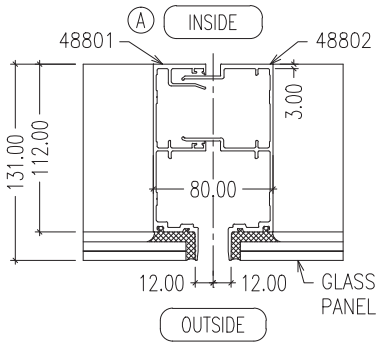


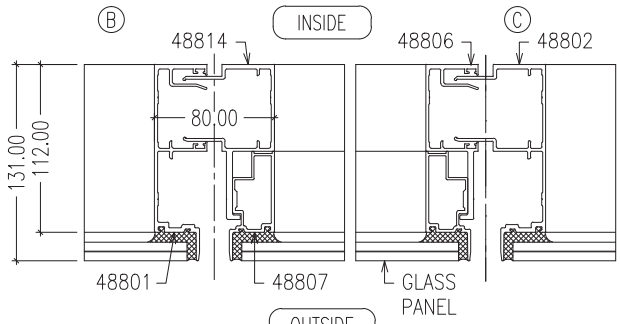
Scale 0.8 : 1

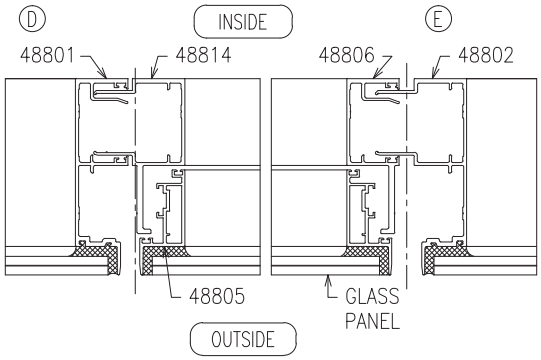
TYPICAL ASSEMBLY SECTIONAL DETAILS



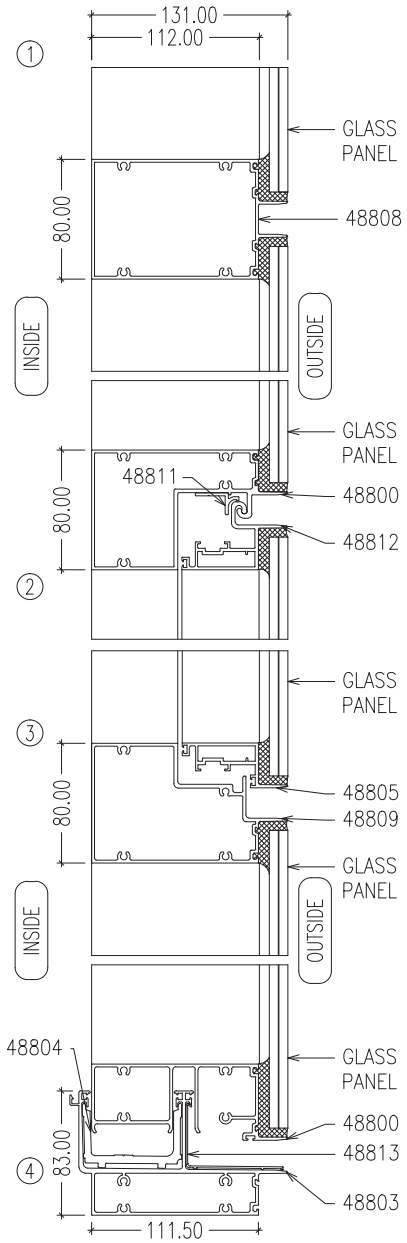
ELEVATION



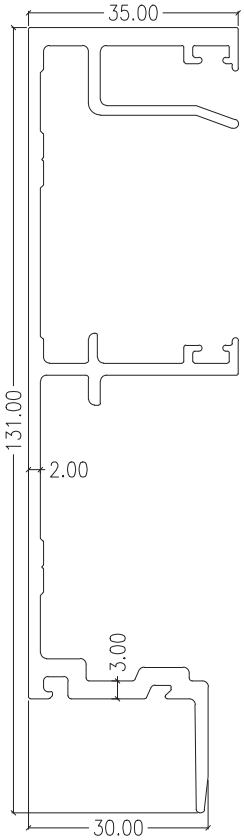




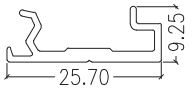
HORIZONTAL SECTIONS



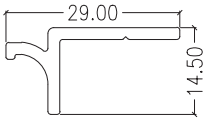
VERTICAL SECTIONS



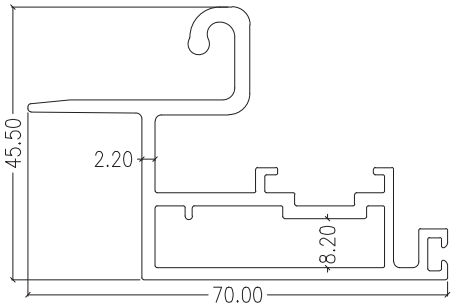
48801
LW : 1.773 kg/m
AP : 585.75 mm



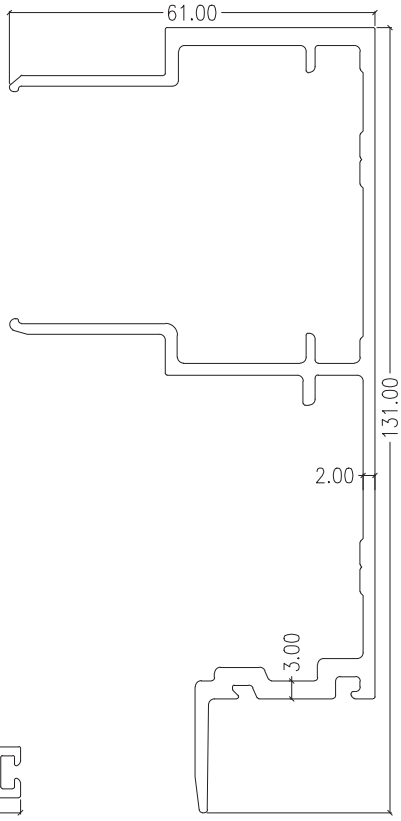
48819
LW : 0.189 kg/m
AP : 97.60 mm



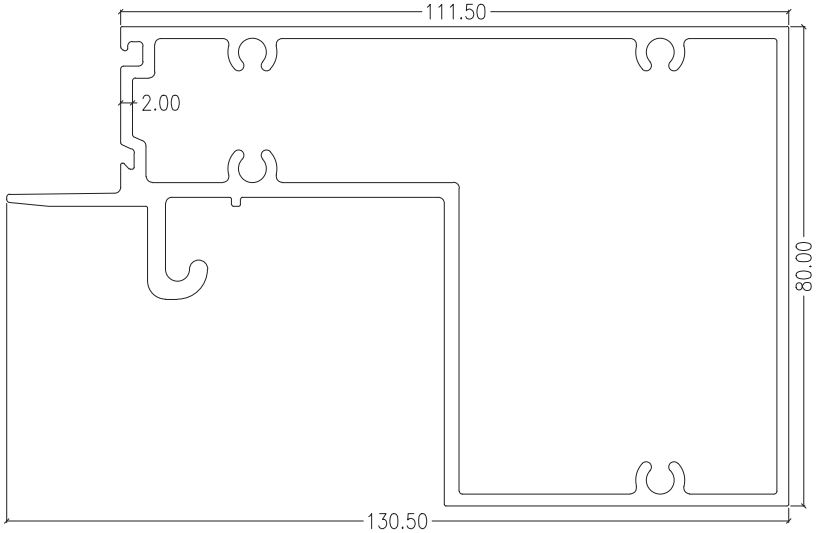
48811
LW : 0.233 kg/m
AP : 86.35 mm



48812
LW : 1.235 kg/m
AP : 328.66 mm

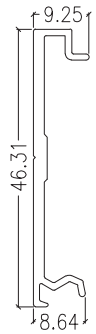


48802
LW : 1.888 kg/m
AP : 619.36 mm

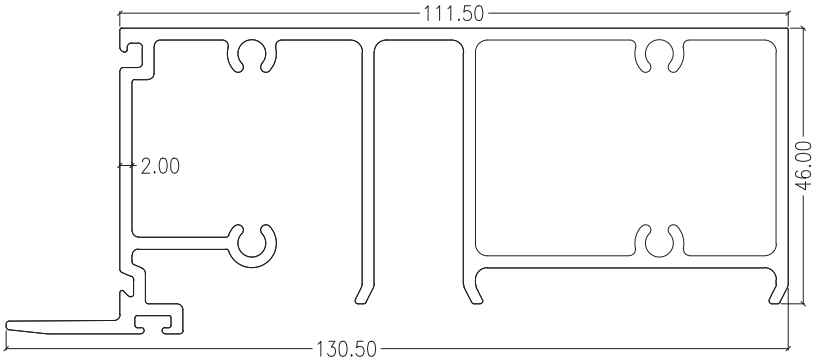


48810
LW : 2.803 kg/m
AP : 482.34 mm

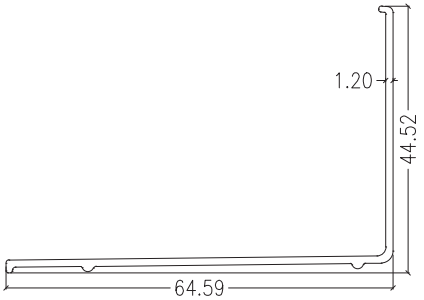
Scale 0.8 : 1



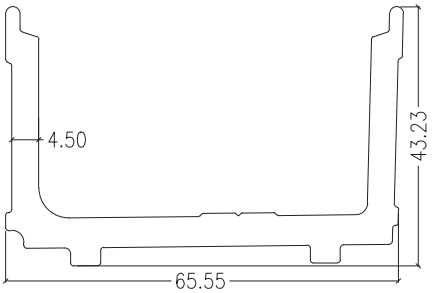
48823
LW : 0.289 kg/m
AP : 138.22 mm



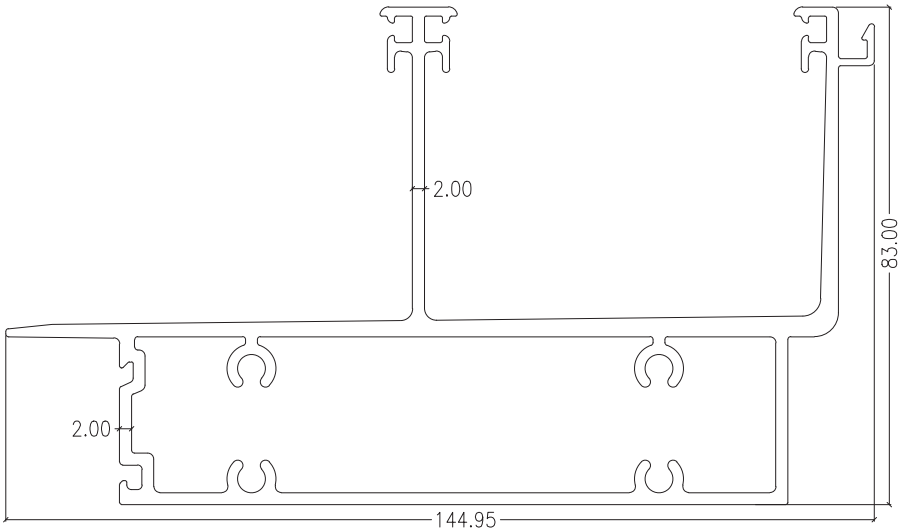
48800
LW : 2.446 kg/m
AP : 664.13 mm



48813
LW : 0.358 kg/m
AP : 217.64 mm

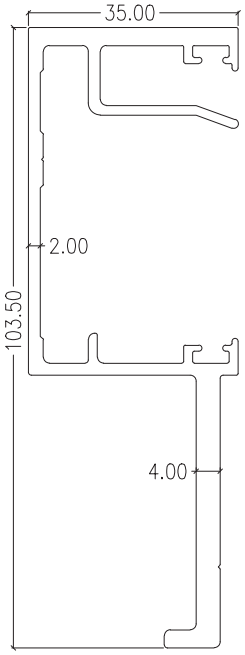


48804
LW : 1.796 kg/m
AP : 284.67 mm

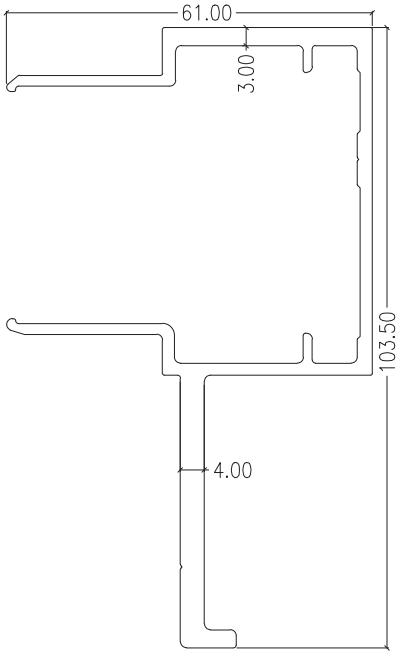


48803
LW : 3.107 kg/m
AP : 657.26 mm

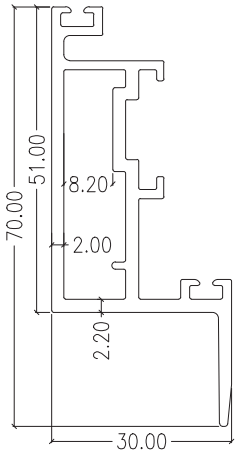
Scale 0.8 : 1



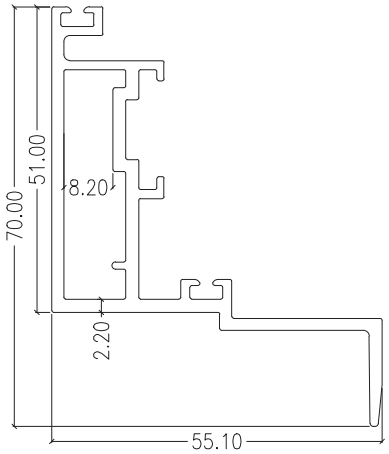
48806
LW : 1.573 kg/m
AP : 585.75 mm



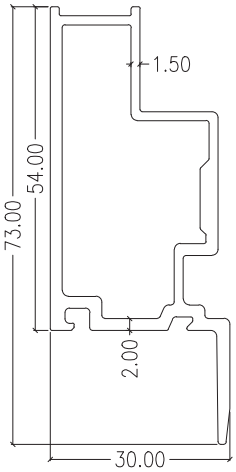
48814
LW : 1.689 kg/m
AP : 494.94 mm



48805
LW : 0.980 kg/m
AP : 267.08 mm



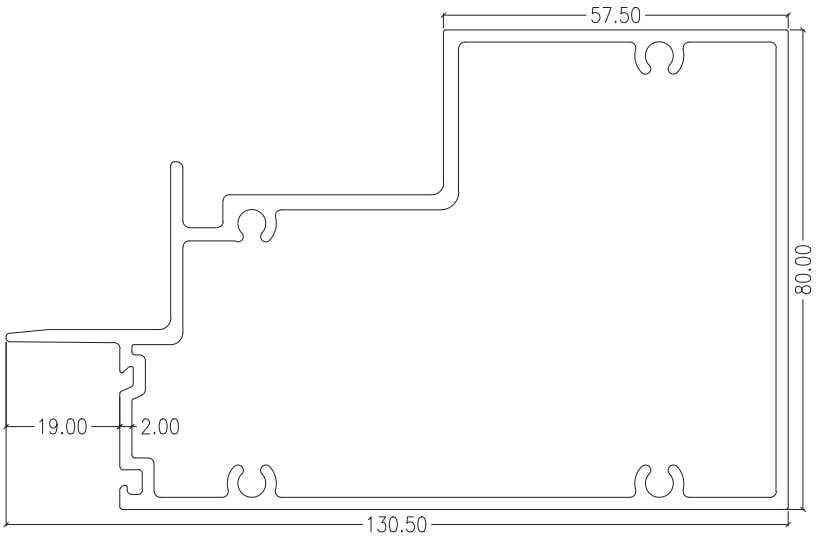
48863
LW : 1.115 kg/m
AP : 316.80 mm



48807
LW : 0.980 kg/m
AP : 228.82 mm

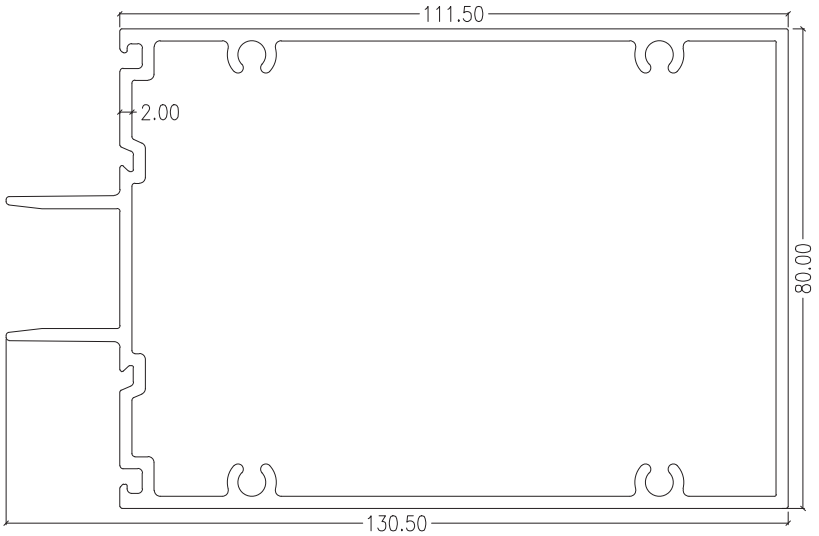
Scale 0.8 : 1

ALBEXWALL UNITISED CURTAINWALL
CTW/U02



48809

LW : 2.573 kg/m
AP : 450.63 mm
Ixx : 77.35 cm⁴
Iyy : 153.07 cm⁴

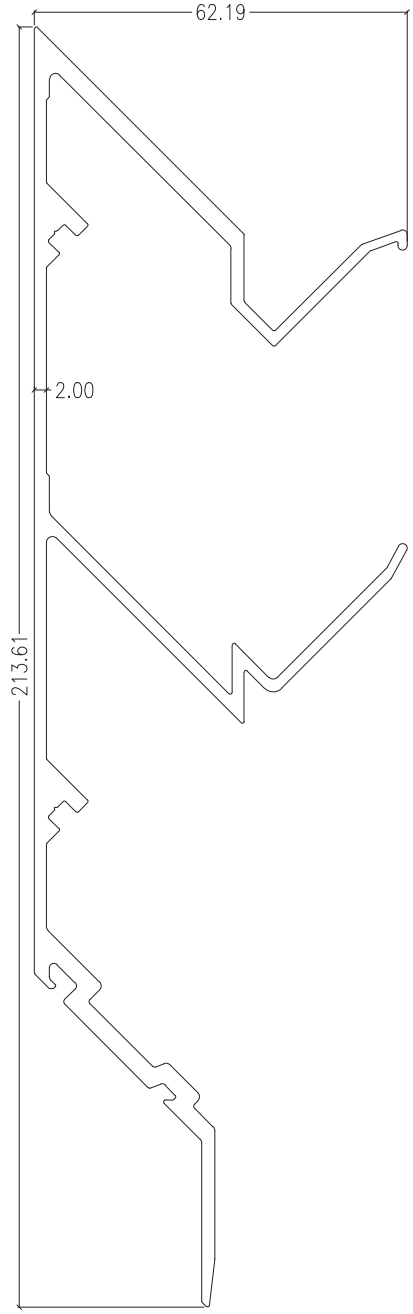


48808

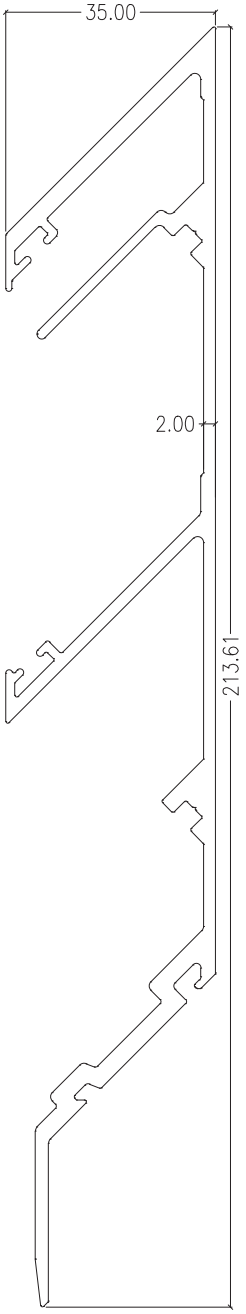
LW : 2.583 kg/m
AP : 481.66 mm
Ixx : 97.60 cm⁴
Iyy : 184.27 cm⁴

Scale 0.8 : 1

ALBEXWALL UNITISED CURTAINWALL
CTW/U02



48817
LW : 2.767 kg/m
AP : 859.86 mm

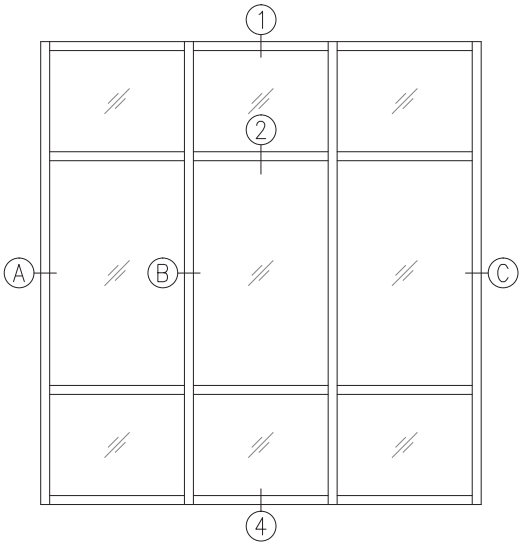


48822
LW : 2.524 kg/m
AP : 777.64 mm

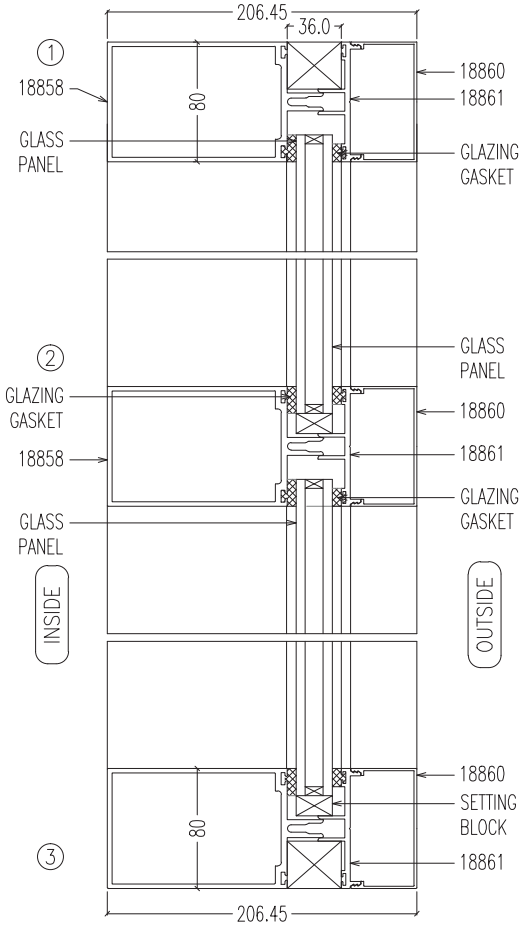
48821
LW : 0.240 kg/m
AP : 123.05 mm

Scale 0.8 : 1

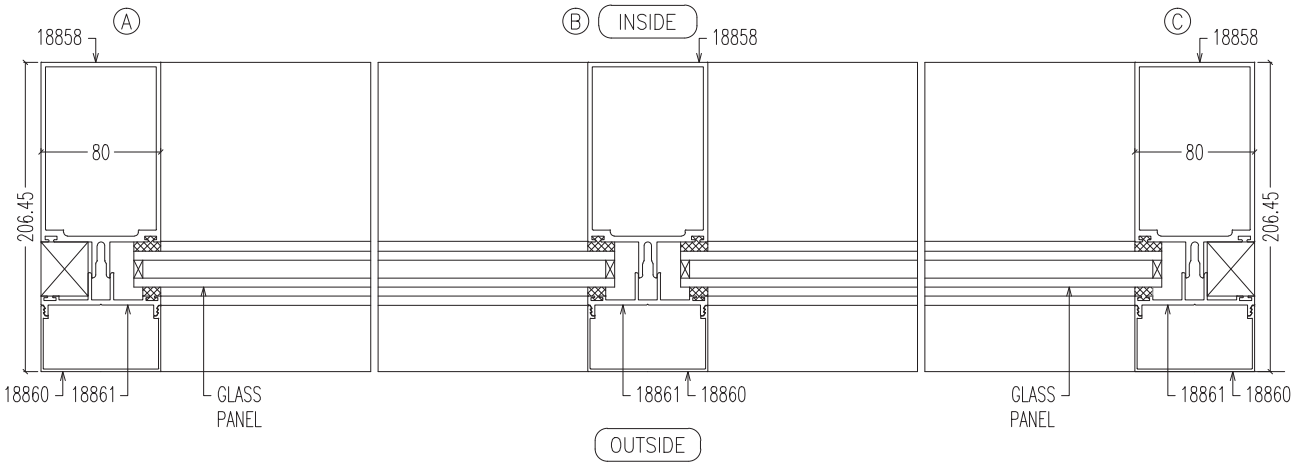
TYPICAL ASSEMBLY SECTIONAL DETAILS



ELEVATION



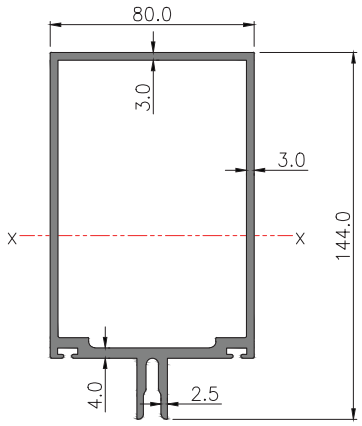
VERTICAL SECTIONS



HORIZONTAL SECTIONS

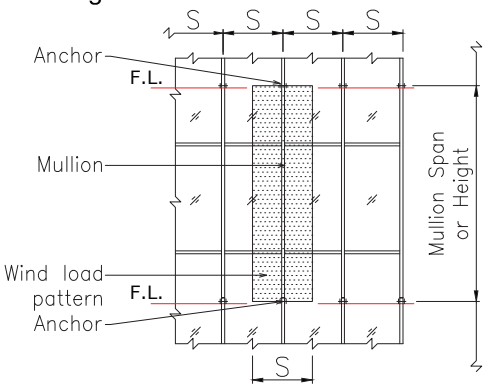
WIND LOAD CHART

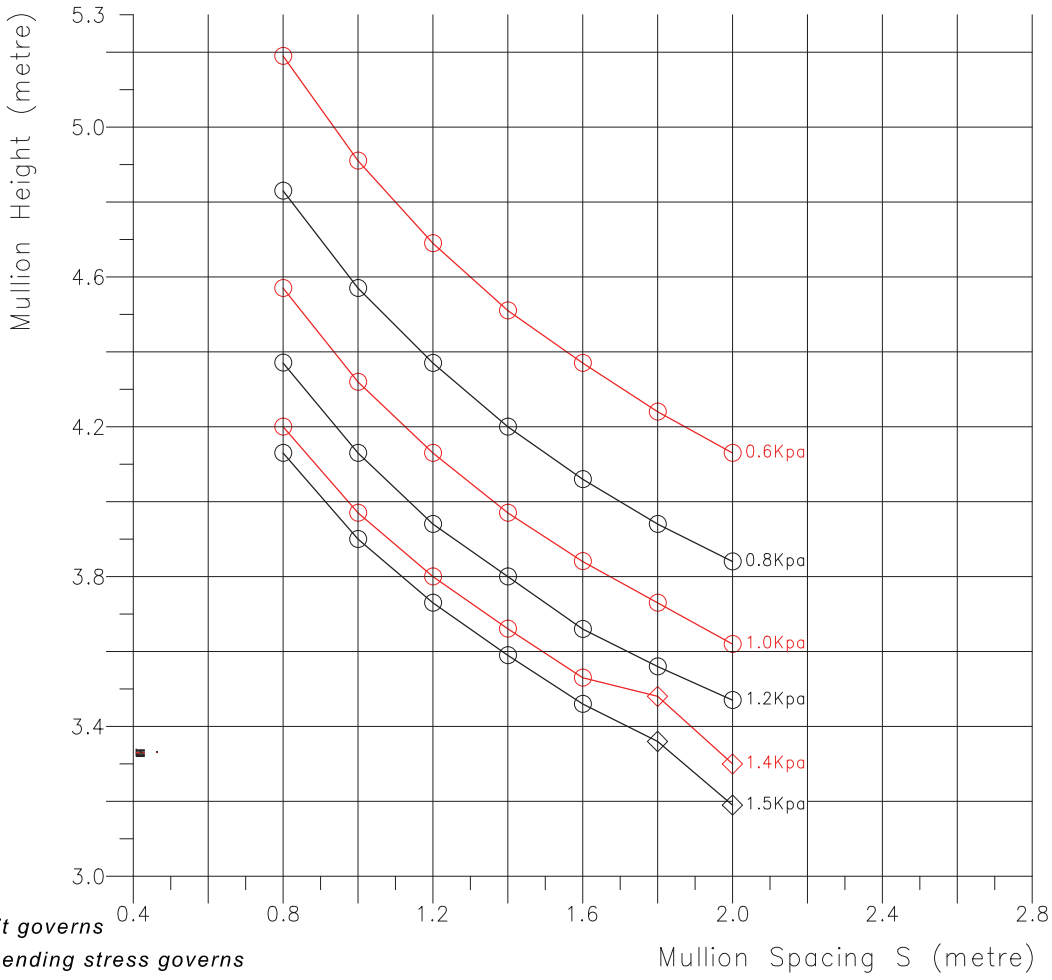
MULLION SECTION NO. : 18858
Aluminium Alloy : 6063-T5
Moment of Inertia Ixx : 328.3 cm^4
Mod. of Inertia Zxx : 45.5 cm^3



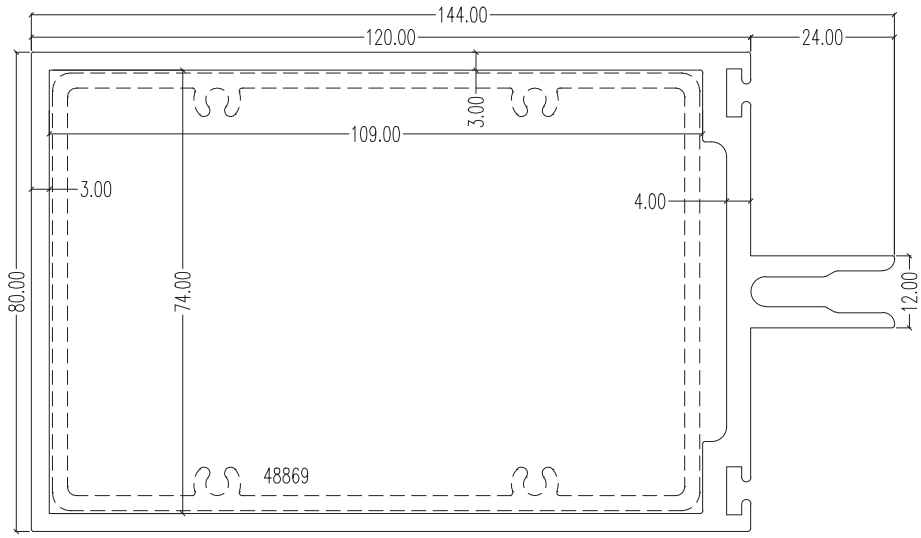
Mod. of Elasticity : 69 x 10^9 n/m^2
Deflection Limit : $^{Span}/_{175}$ up to max. 20mm.
Perm. Bend. Stress (within slenderness limit) : 1.25 x 67 Mpa.
Nature of Anchor : Simply Supported.

Typical Configuration of Curtain Wall :

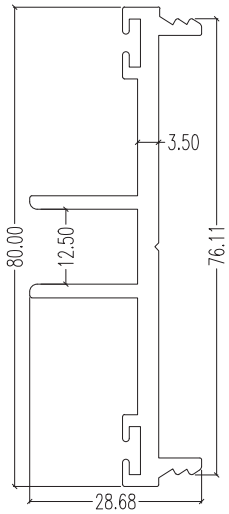




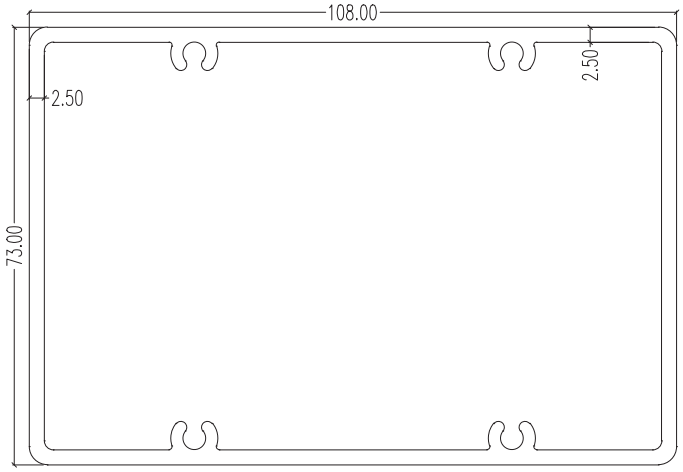
Legend:
○ *deflection limit governs*
◇ *permissable bending stress governs*
Note: This windload chart is solely for references only



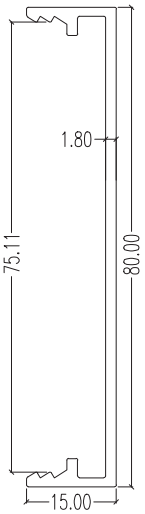
18858
LW : 3.891 kg/m
AP : 523.09 mm
Ixx : 134.68 cm⁴
Iyy : 328.37 cm⁴



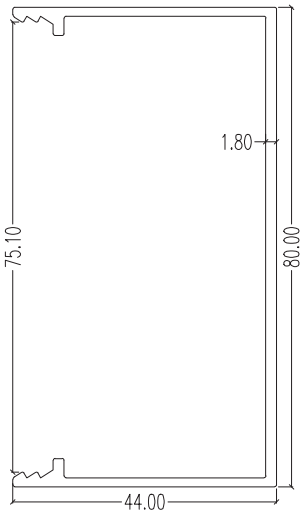
18861
LW : 1.132 kg/m
AP : 306.92 mm



48869(Bracket)
LW : 2.588 kg/m
AP : 356.85 mm



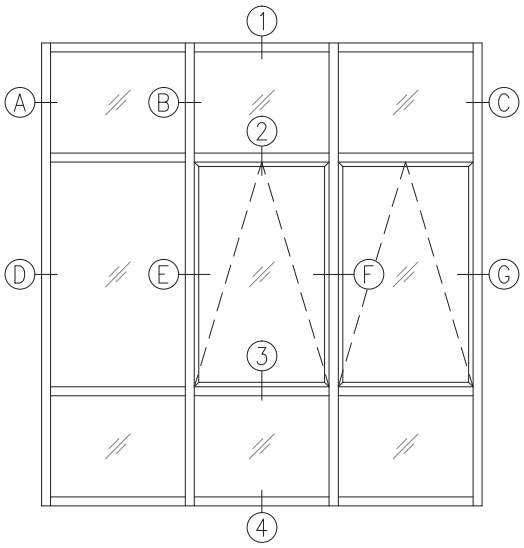
19848
LW : 0.550 kg/m
AP : 228.84 mm



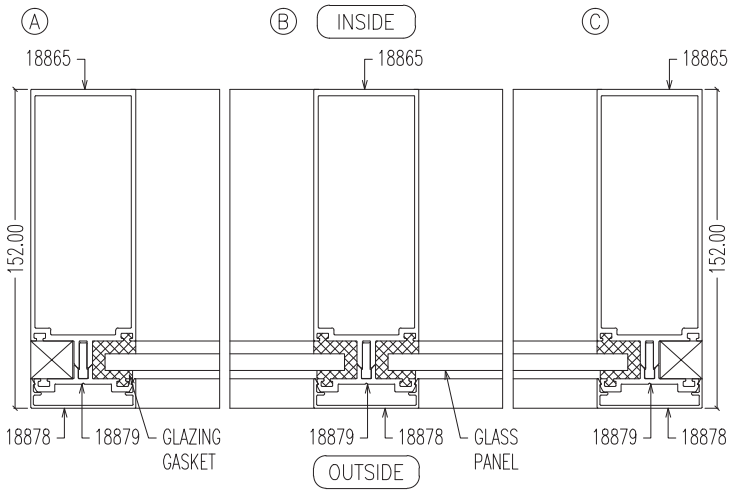
18860
LW : 0.786 kg/m
AP : 344.84 mm

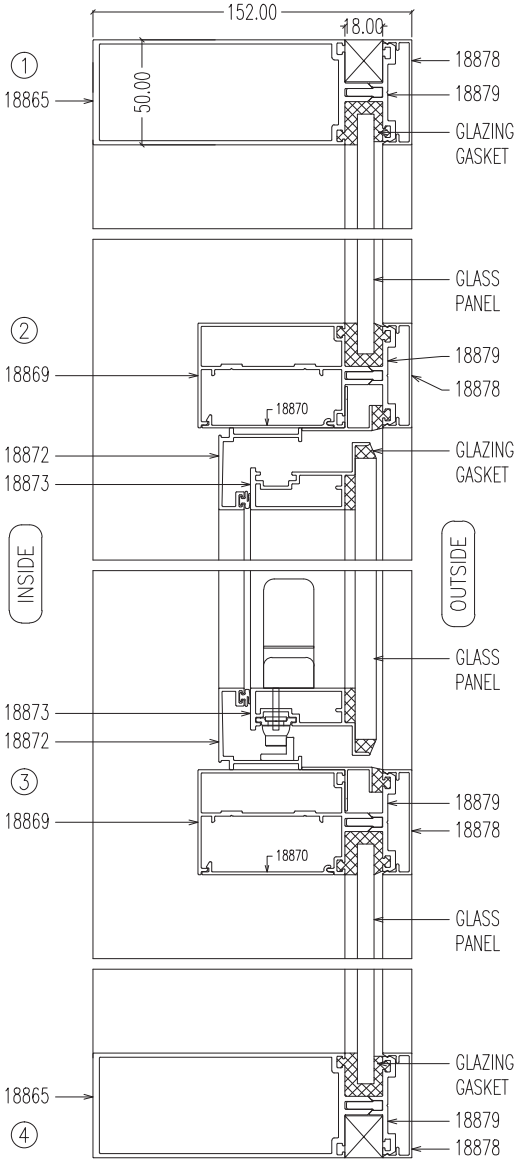
Scale 0.8 : 1

TYPICAL ASSEMBLY SECTIONAL DETAILS

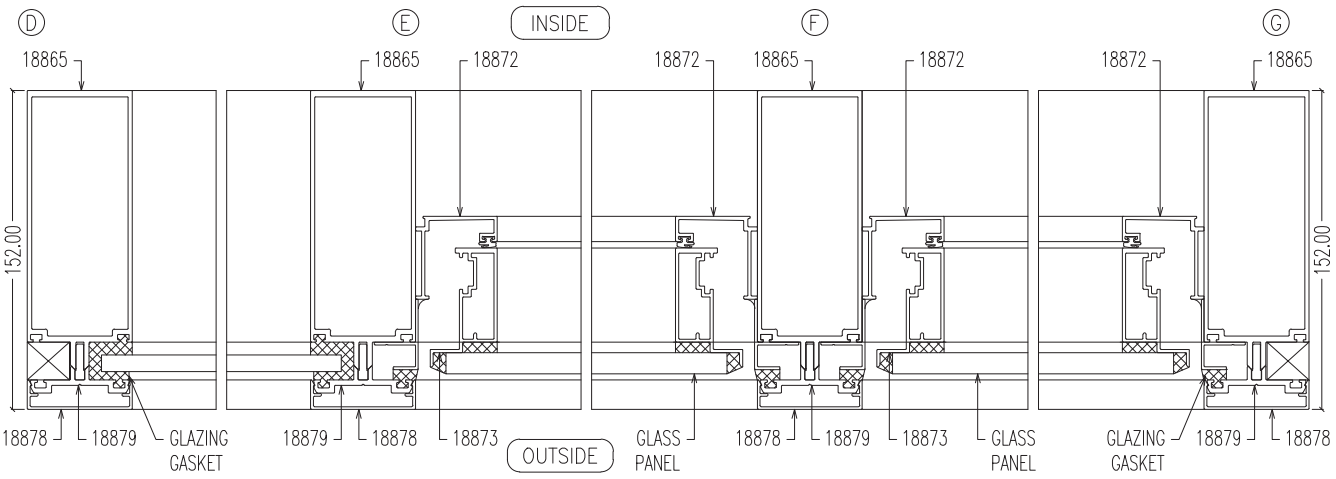


ELEVATION





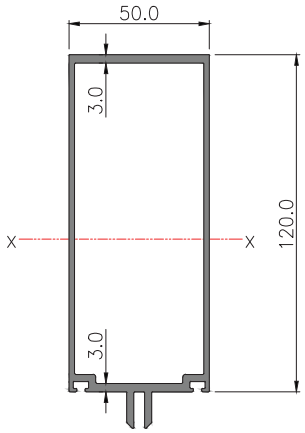
VERTICAL SECTIONS



HORIZONTAL SECTIONS

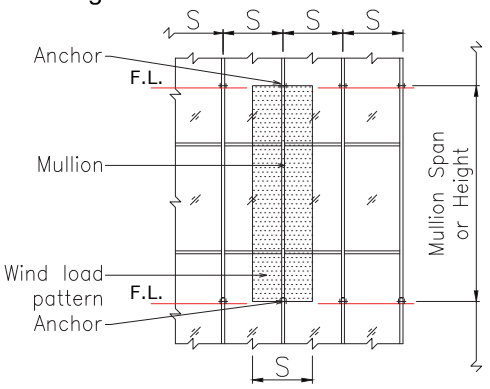
WIND LOAD CHART

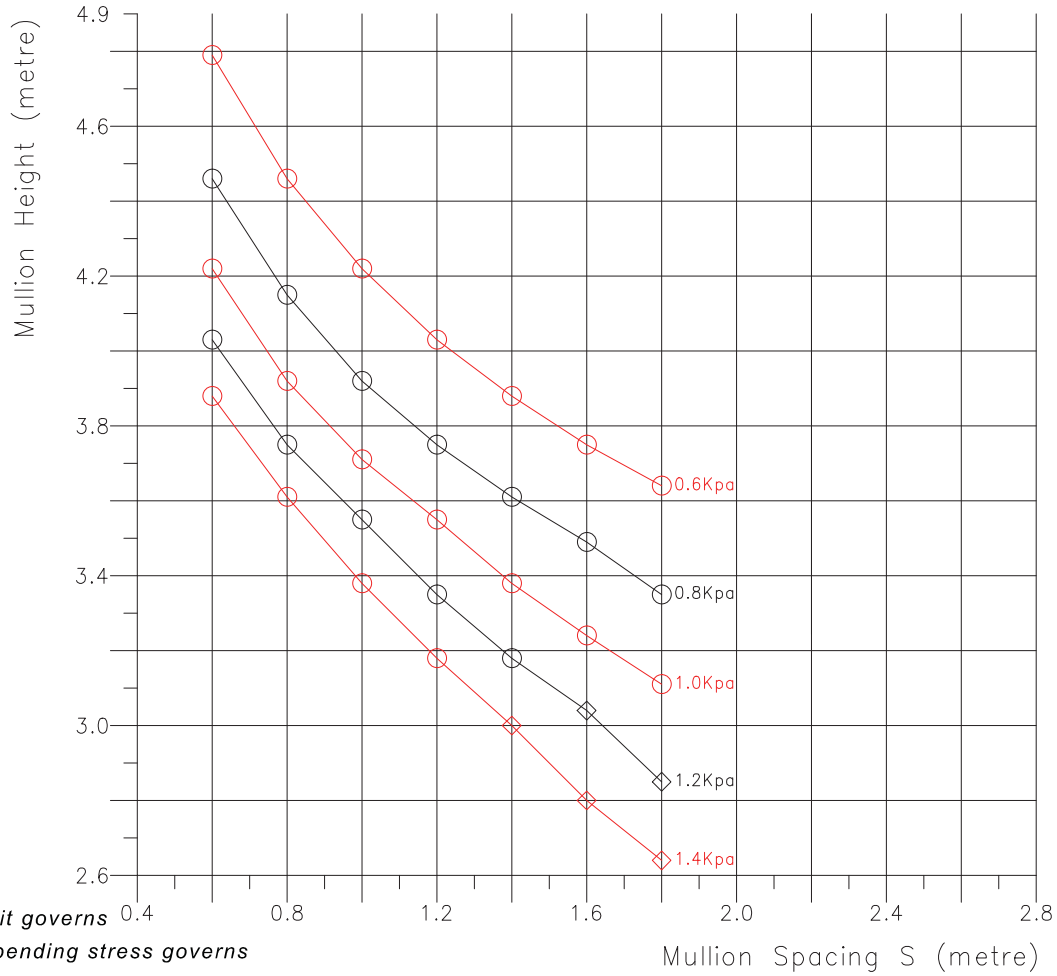
MULLION SECTION NO. : 18865
Aluminium Alloy : 6063-T5
Moment of Inertia Ixx : 179.1 cm^4
Mod. of Inertia Zxx : 26.5 cm^3



Mod. of Elasticity : 69 x 10^9 n/m^2
Deflection Limit : $^{Span}/_{175}$ up to max. 20mm.
Perm. Bend. Stress (within slenderness limit) : 1.25 x 67 Mpa.
Nature of Anchor : Simply Supported.

Typical Configuration of Curtain Wall :

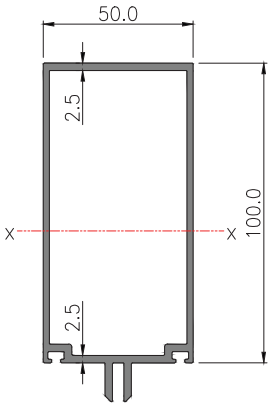




Legend:
◯ *deflection limit governs*
◇ *permissable bending stress governs*
Note: This windload chart is solely for references only

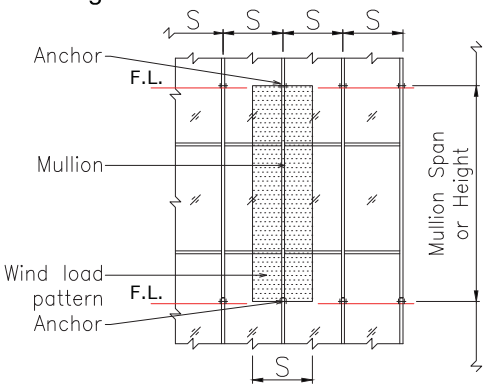
WIND LOAD CHART

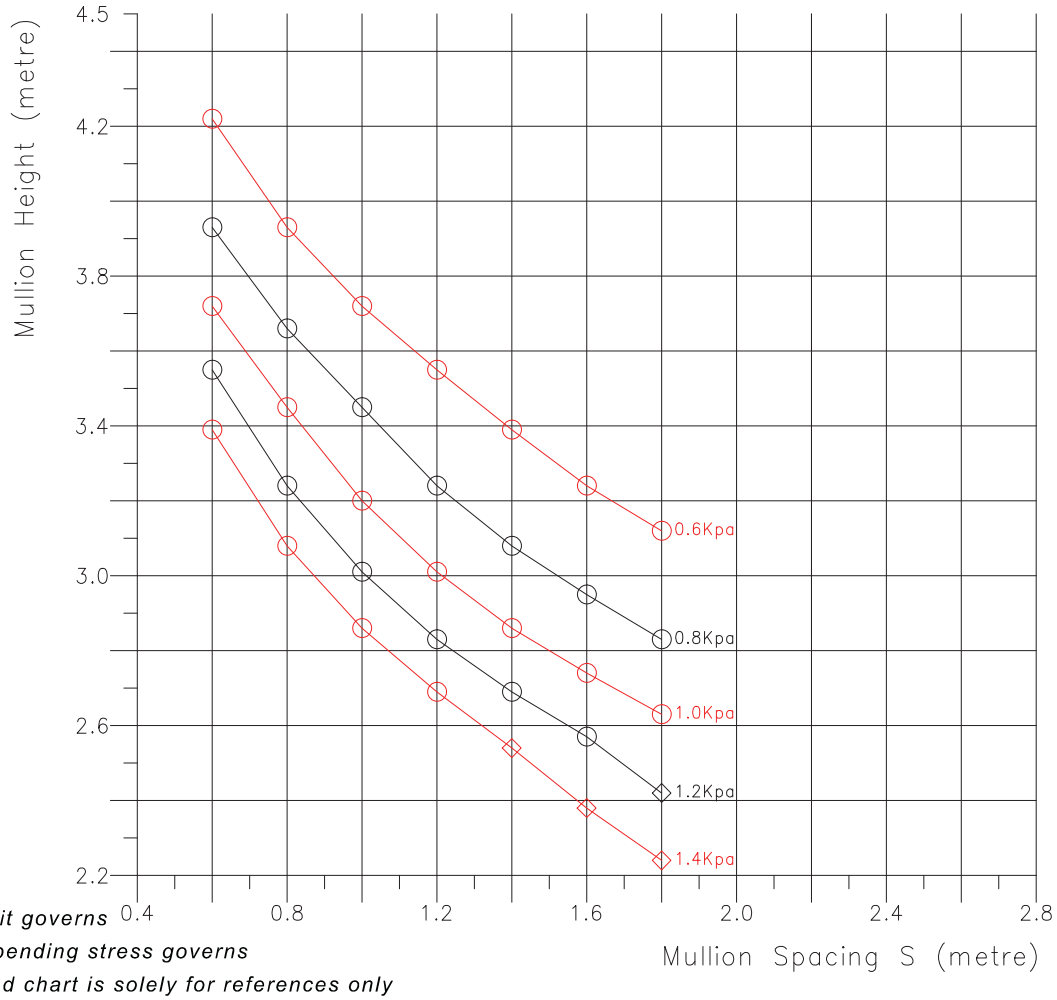
MULLION SECTION NO. : 18866
Aluminium Alloy : 6063-T5
Moment of Inertia Ixx : 108.2 cm^4
Mod. of Inertia Zxx : 19.0 cm^3



Mod. of Elasticity : 69 x 10^9 n/m^2
Deflection Limit : $^{Span}/_{175}$ up to max. 20mm.
Perm. Bend. Stress (within slenderness limit) : 1.25 x 67 Mpa.
Nature of Anchor : Simply Supported.

Typical Configuration of Curtain Wall :



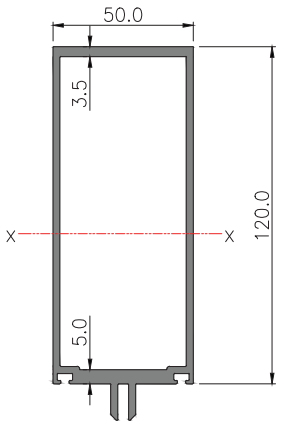


Legend:
○ *deflection limit governs*
◇ *permissable bending stress governs*

Note: This windload chart is solely for references only

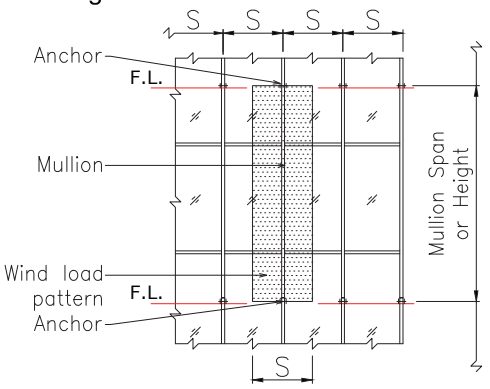
WIND LOAD CHART

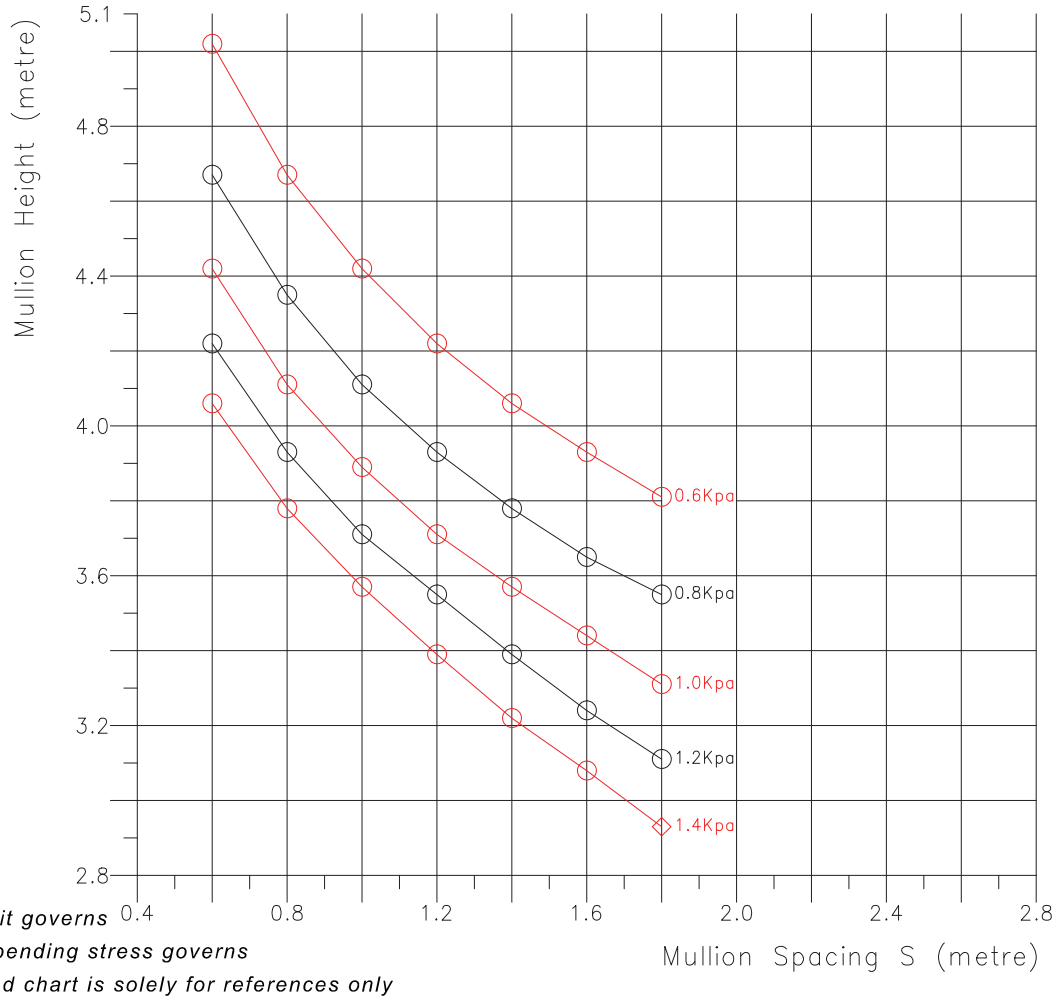
MULLION SECTION NO. : 18867
Aluminium Alloy : 6063-T5
Moment of Inertia Ixx : 215.4 cm^4
Mod. of Inertia Zxx : 32.3 cm^3



Mod. of Elasticity : 69 x 10^9 n/m^2
Deflection Limit : $^{Span}/_{175}$ up to max. 20mm.
Perm. Bend. Stress (within slenderness limit) : 1.25 x 67 Mpa.
Nature of Anchor : Simply Supported.

Typical Configuration of Curtain Wall :

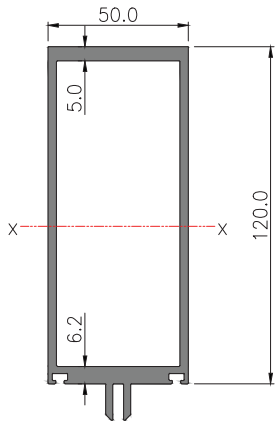




Legend:
○ *deflection limit governs*
◇ *permissable bending stress governs*
Note: This windload chart is solely for references only

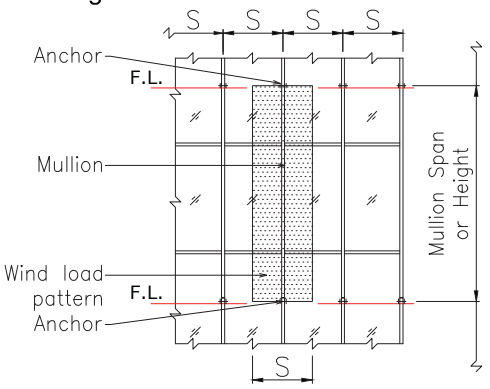
WIND LOAD CHART

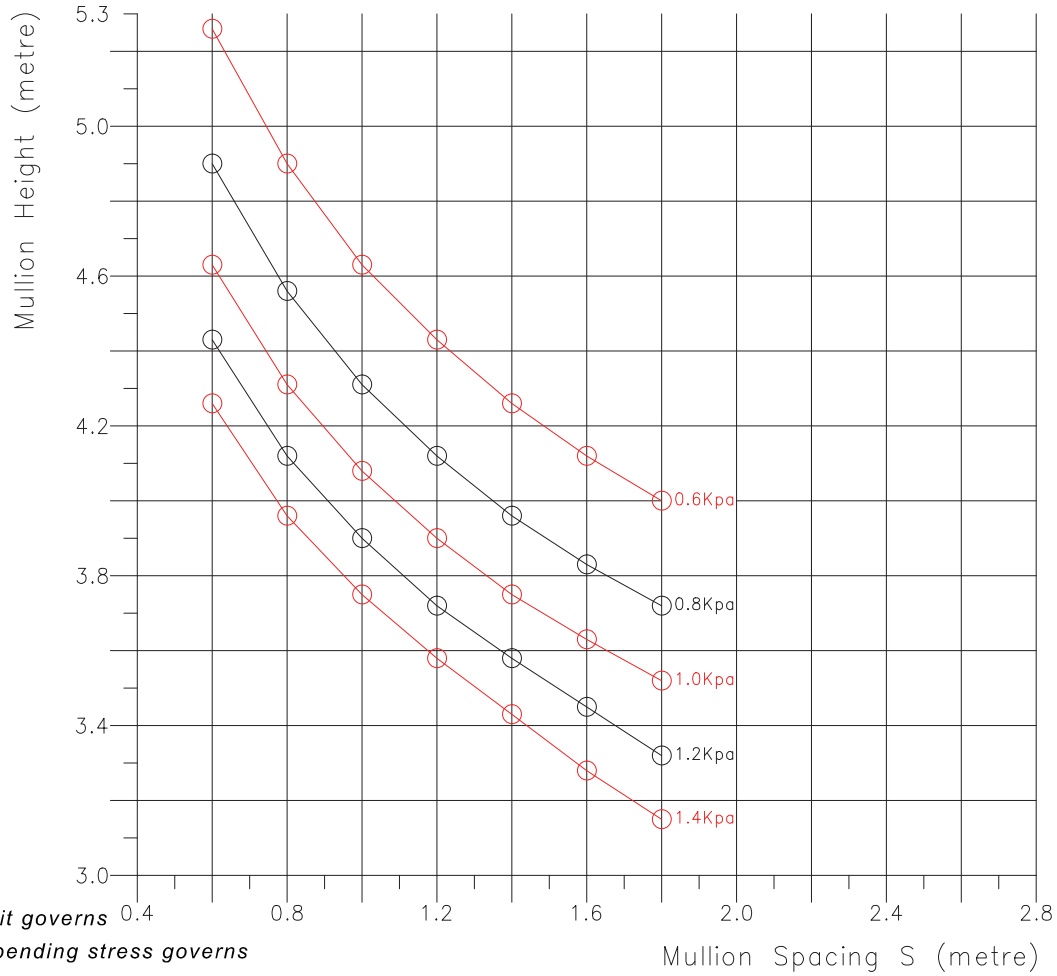
MULLION SECTION NO. : 18868
Aluminium Alloy : 6063-T5
Moment of Inertia Ixx : 260.7 cm^4
Mod. of Inertia Zxx : 37.7 cm^3



Mod. of Elasticity : 69 x 10^9 n/m^2
Deflection Limit : $^{Span}/_{175}$ up to max. 20mm.
Perm. Bend. Stress (within slenderness limit) : 1.25 x 67 Mpa.
Nature of Anchor : Simply Supported.

Typical Configuration of Curtain Wall :

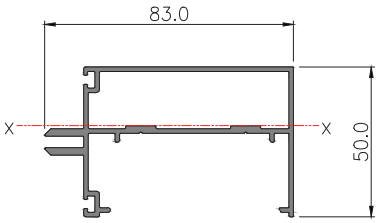




Legend:
○ *deflection limit governs*
◇ *permissable bending stress governs*
Note: This windload chart is solely for references only

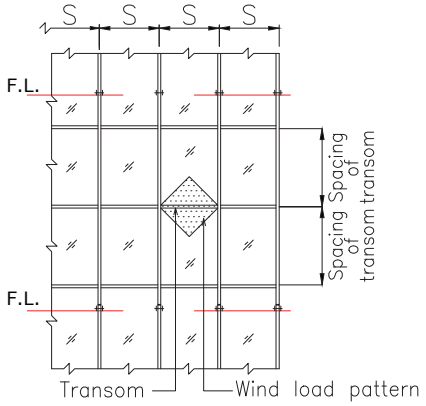
WIND LOAD CHART

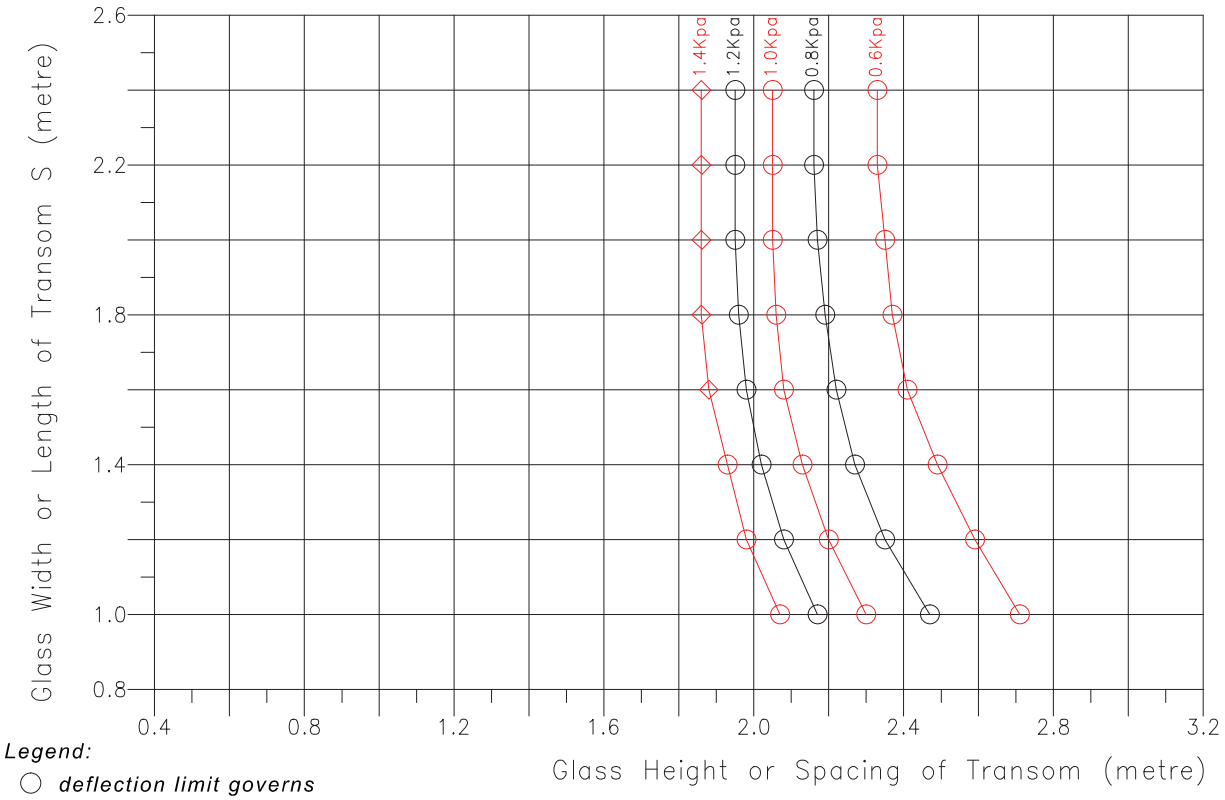
MULLION SECTION NO. : 18869
Aluminium Alloy : 6063-T5
Moment of Inertia Iyy : 37.4 cm^4
Mod. of Inertia Zyy : 9.0 cm^3



Mod. of Elasticity : 69 x 10^9 n/m^2
Deflection Limit : $^{Span}/_{175}$ up to max. 20mm.
Perm. Bend. Stress (within slenderness limit) : 1.25 x 67 Mpa.
Nature of Anchor : Simply Supported.

Typical Configuration of Curtain Wall :





Legend:

○ *deflection limit governs*

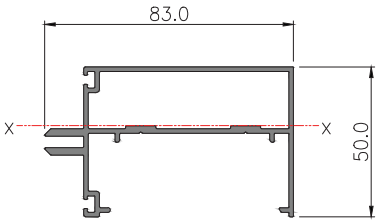
◇ *permissable bending stress governs*

Note: This chart shall be read in conjunction with the wind load chart and the combined bending stress imposed by wind load and glass load shall be checked.

: This windload chart is solely for references only

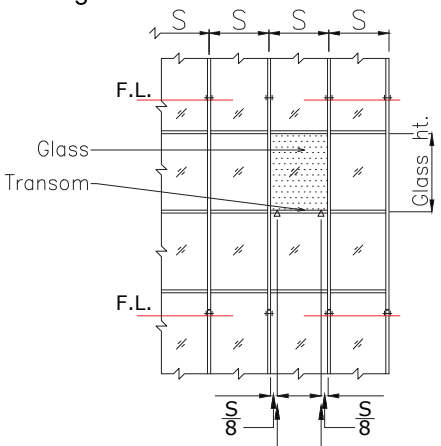
GLASS LOAD CHART

MULLION SECTION NO. : 18869
Aluminium Alloy : 6063-T5
Moment of Inertia Ixx : 9.2 cm^4
Mod. of Inertia Zxx : 3.0 cm^3



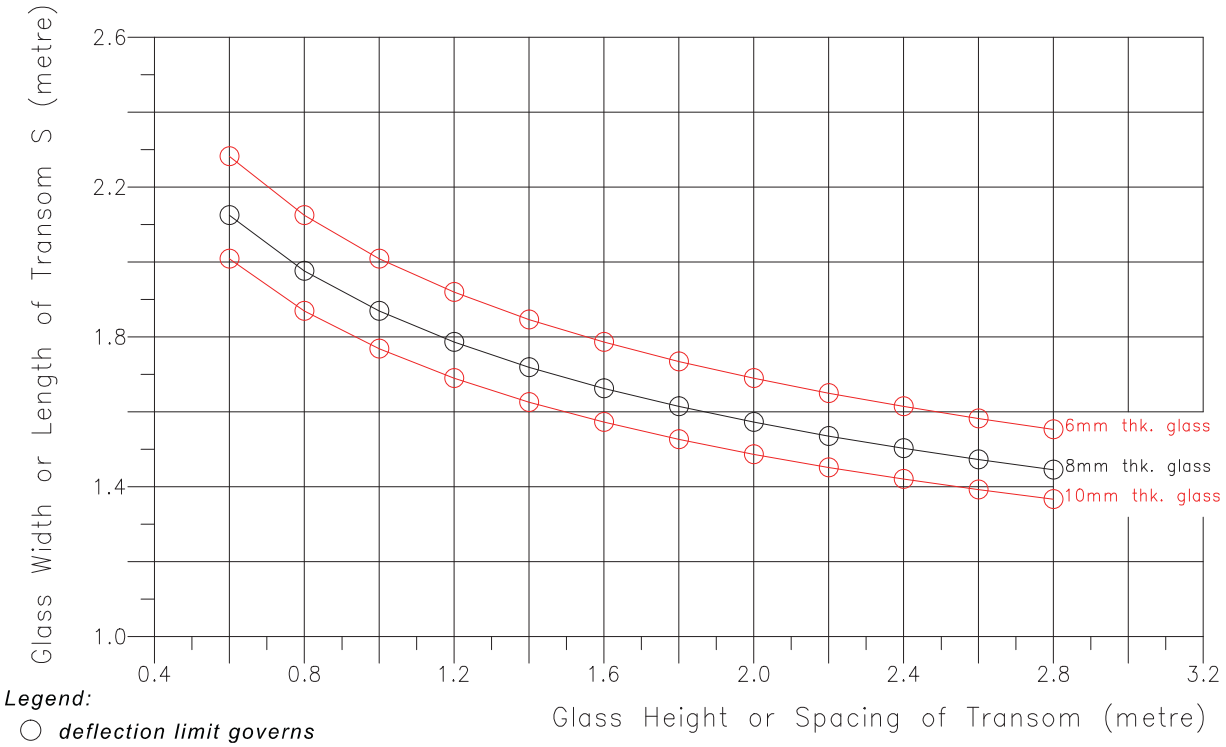
Mod. of Elasticity : 69 x 10^9 n/m^2
Deflection Limit : 3mm.
Perm. Bend. Stress : 67 Mpa.
(within slenderness limit)
Nature of Anchor : Simply Supported.

Typical Configuration of Curtain Wall :



Position of setting block supporting glass

(Glass being supported by 2 setting blocks located at ⅛ S from each end)

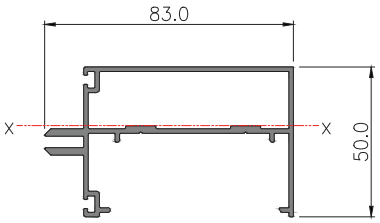


Legend:
○ *deflection limit governs*
◇ *permissable bending stress governs*

Note: This chart shall be read in conjunction with the wind load chart and the combined bending stress imposed by wind load and glass load shall be checked.
: This windload chart is solely for references only

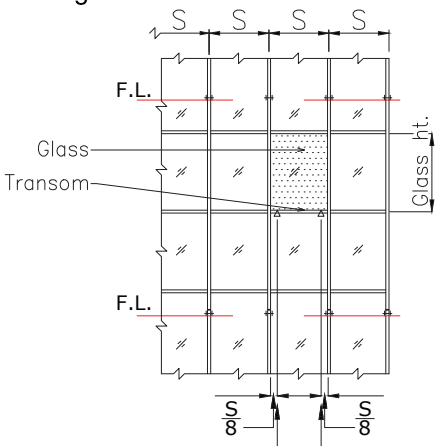
GLASS LOAD CHART

MULLION SECTION NO. : 18869
Aluminium Alloy : 6063-T5
Moment of Inertia Ixx : 9.2 cm^4
Mod. of Inertia Zxx : 3.0 cm^3



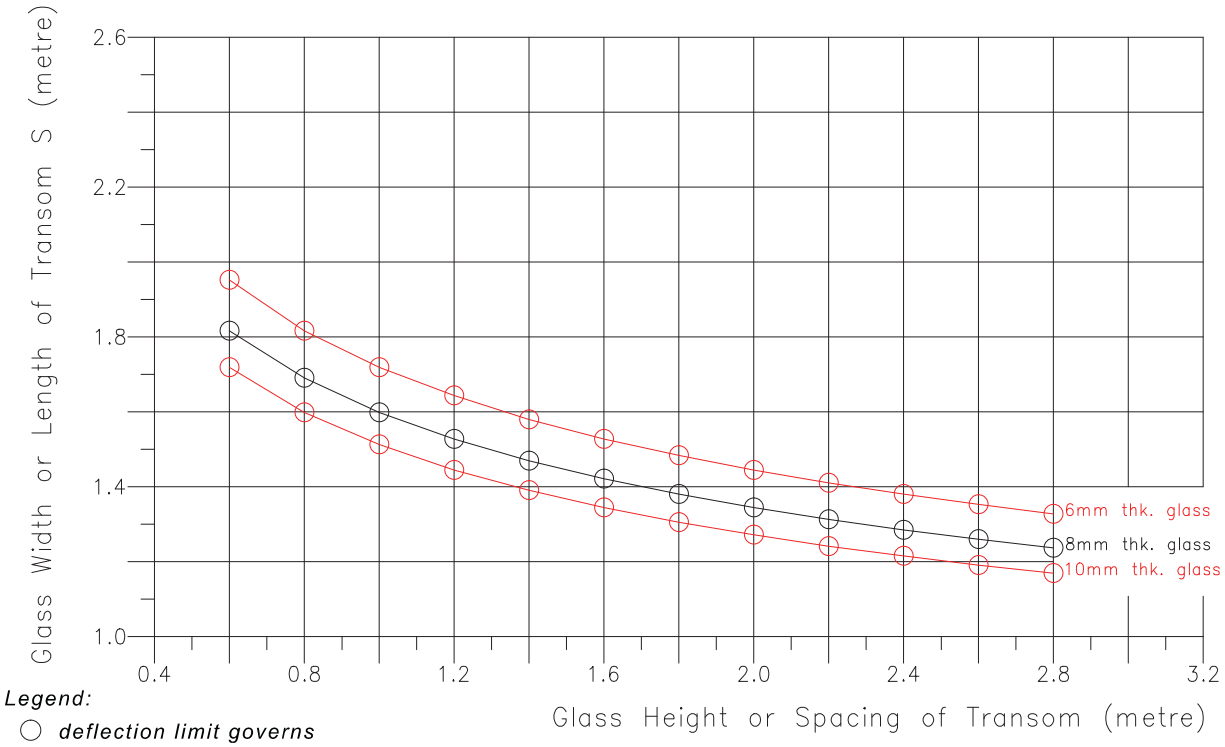
Mod. of Elasticity : 69 x 10^9 n/m^2
Deflection Limit : 3mm.
Perm. Bend. Stress (within slenderness limit) : 67 Mpa.
Nature of Anchor : Simply Supported.

Typical Configuration of Curtain Wall :



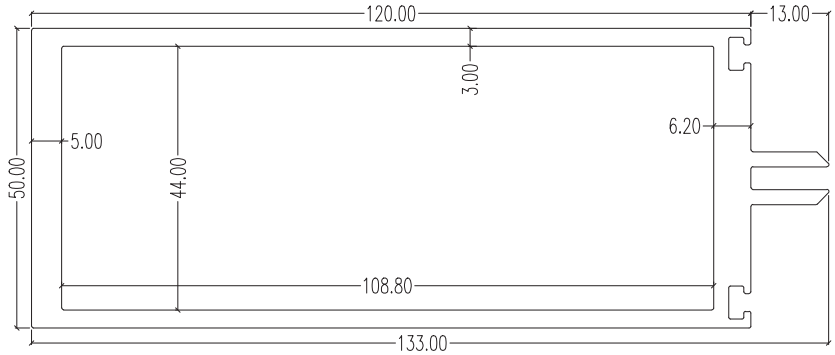
Position of setting block supporting glass

(Glass being supported by 2 setting blocks located at ¼ S from each end)

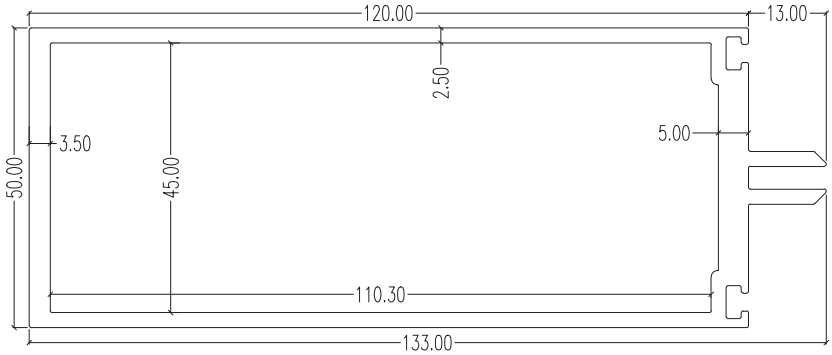


Legend:
○ *deflection limit governs*
◇ *permissable bending stress governs*

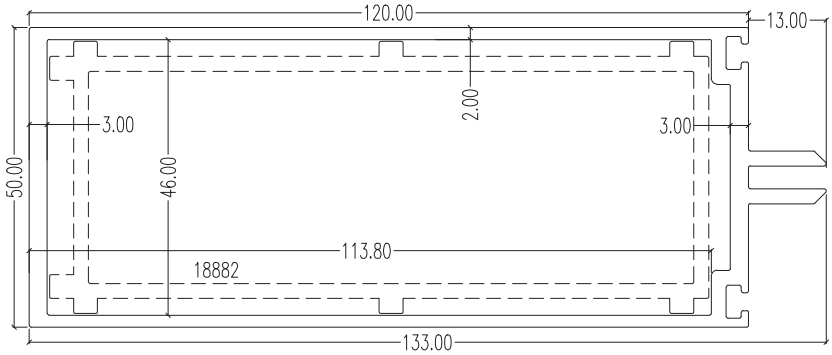
Note: This chart shall be read in conjunction with the wind load chart and the combined bending stress imposed by wind load and glass load shall be checked.
: This windload chart is solely for references only



18868
LW : 3.361 kg/m
AP : 411.01 mm
Ixx : 46.33 cm⁴
Iyy : 260.70 cm⁴

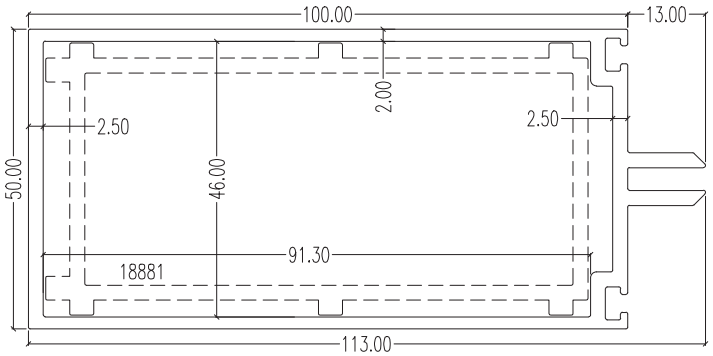


18867
LW : 2.781 kg/m
AP : 411.01 mm
Ixx : 39.49 cm⁴
Iyy : 215.40 cm⁴

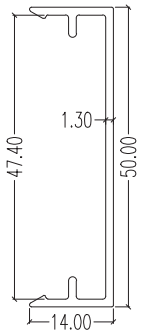


18865
LW : 2.251 kg/m
AP : 411.01 mm
Ixx : 32.88 cm⁴
Iyy : 179.10 cm⁴

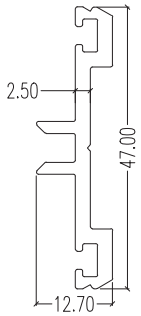
Scale 0.8 : 1



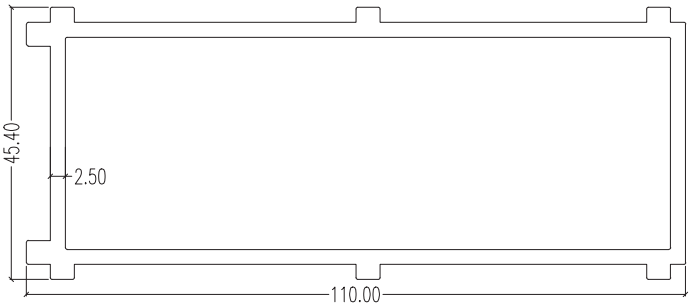
18866
LW : 1.924 kg/m
AP : 371.01 mm
Ixx : 27.74 cm⁴
Iyy : 108.20 cm⁴



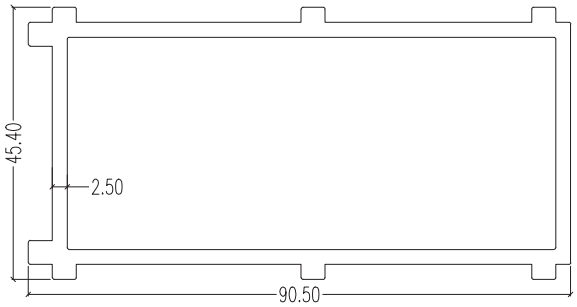
18878
LW : 0.292 kg/m
AP : 164.93 mm



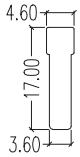
18879
LW : 0.476 kg/m
AP : 158.44 mm



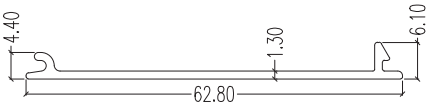
18882 (Bracket)
LW : 2.167 kg/m
AP : 336.48 mm



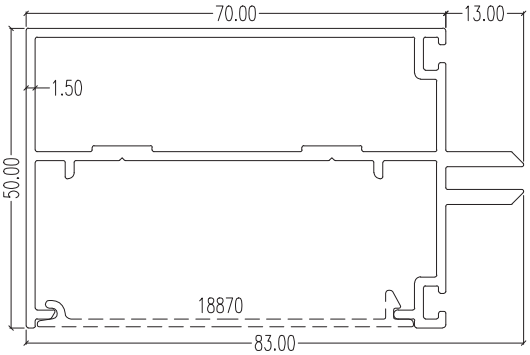
18881 (Bracket)
LW : 1.902 kg/m
AP : 297.48 mm



18880
LW : 0.178 kg/m
AP : 42.26 mm

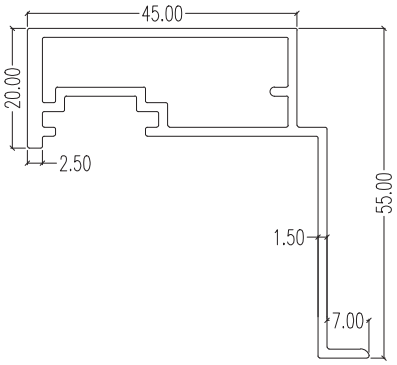


18870
LW : 0.257 kg/m
AP : 144.71 mm

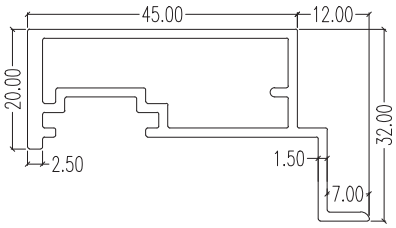


18869
LW : 1.280 kg/m
AP : 395.92 mm
Ixx : 9.29 cm⁴
Iyy : 37.40 cm⁴

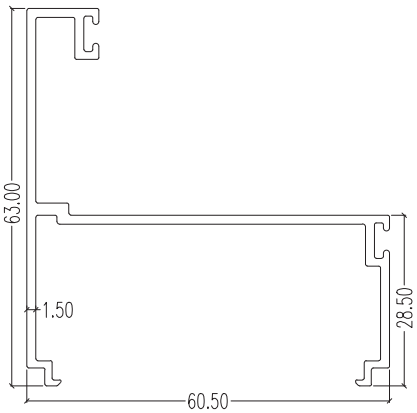
Scale 0.8 : 1



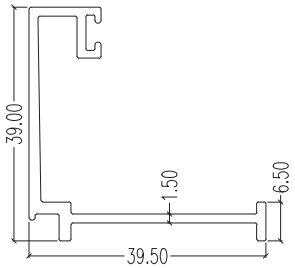
18871
LW : 0.808 kg/m
AP : 246.63 mm



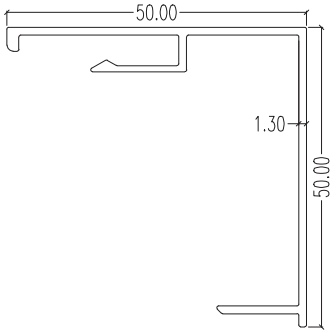
18873
LW : 0.715 kg/m
AP : 200.63 mm



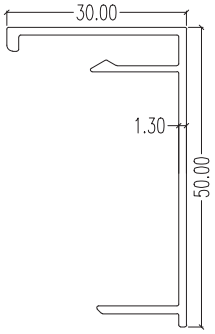
19874
LW : 0.742 kg/m
AP : 369.14 mm



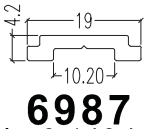
18872
LW : 0.456 kg/m
AP : 209.74 mm



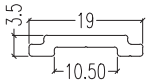
18876
LW : 0.475 kg/m
AP : 271.67 mm



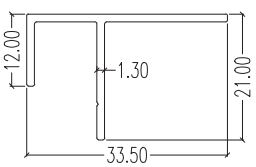
18877
LW : 0.383 kg/m
AP : 219.73 mm



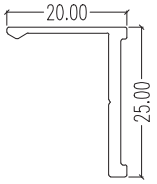
6987
LW : 0.140 kg/m
AP : 49.24 mm



6219
LW : 0.117 kg/m
AP : 45.58 mm



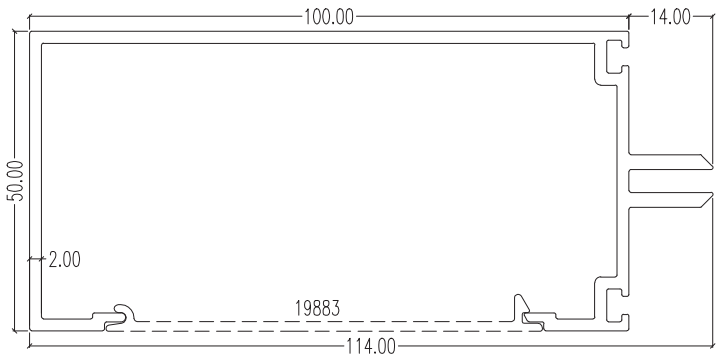
18874
LW : 0.225 kg/m
AP : 129.34 mm



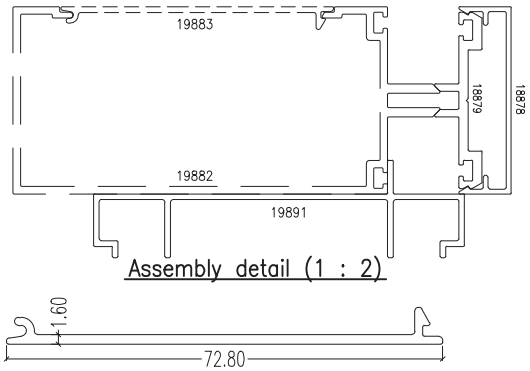
18875
LW : 0.197 kg/m
AP : 91.55 mm

Scale 0.8 : 1

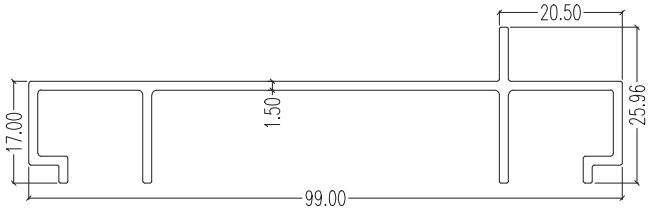
ALBEXWALL PERFORMANCE CURTAINWALL-STICKWALL CTW/ST02



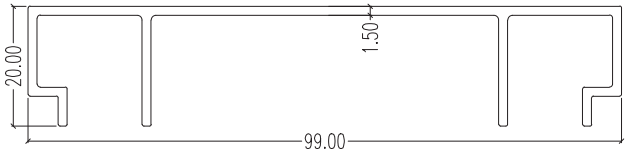
19882
LW : 1.448 kg/m
AP : 530.02 mm



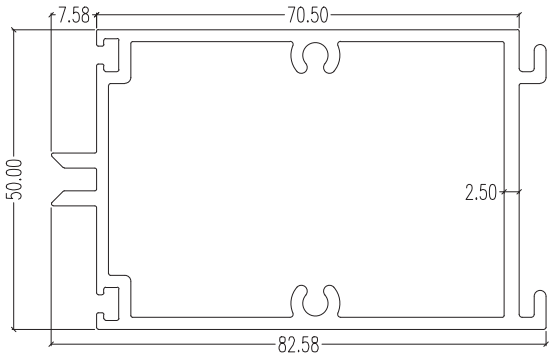
19883
LW : 0.344 kg/m
AP : 164.24 mm



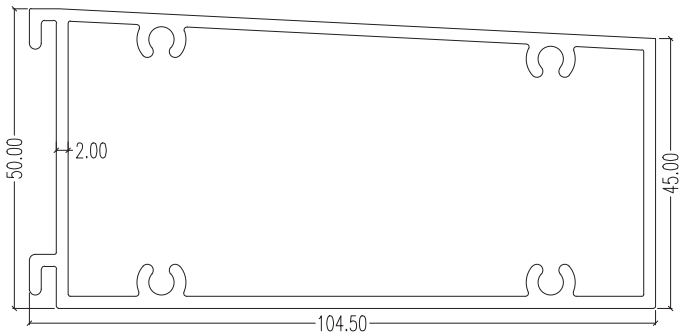
19891
LW : 0.734 kg/m
AP : 358.19 mm



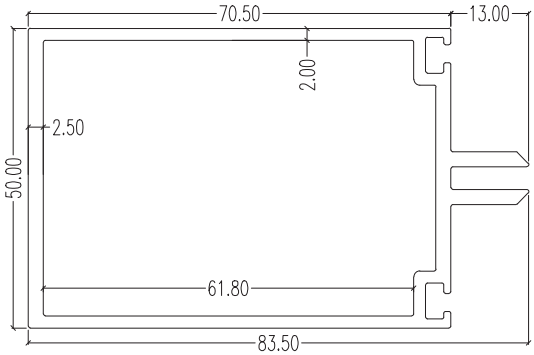
19884
LW : 0.746 kg/m
AP : 364.71 mm



19885
LW : 1.685 kg/m
AP : 323.13 mm



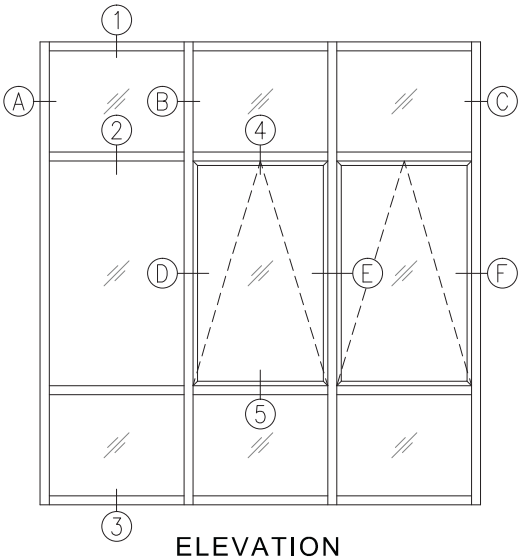
19886
LW : 1.909 kg/m
AP : 328.81 mm



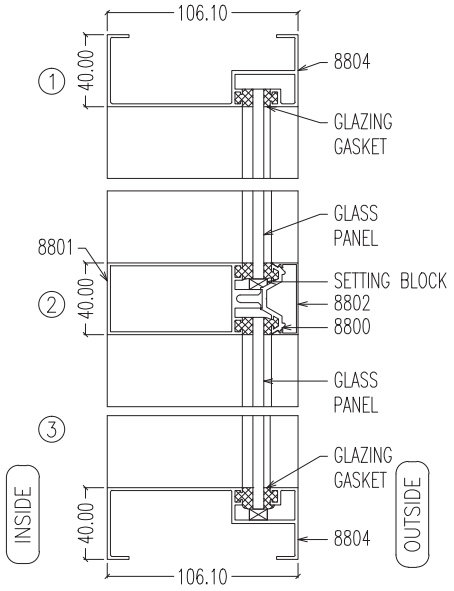
19843
LW : 1.587 kg/m
AP : 316.01 mm
Ixx : 20.61 cm⁴
Iyy : 48.03 cm⁴

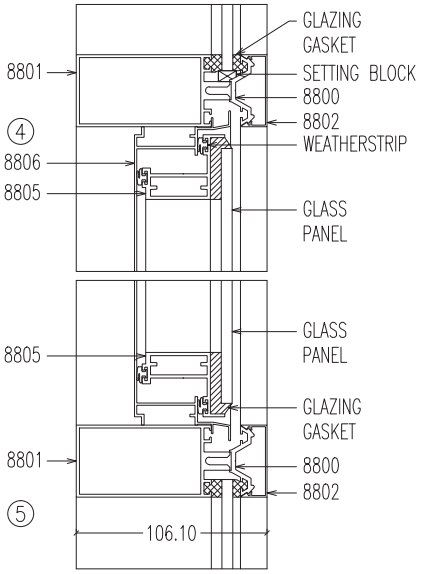
Scale 0.8 : 1

TYPICAL ASSEMBLY SECTIONAL DETAILS

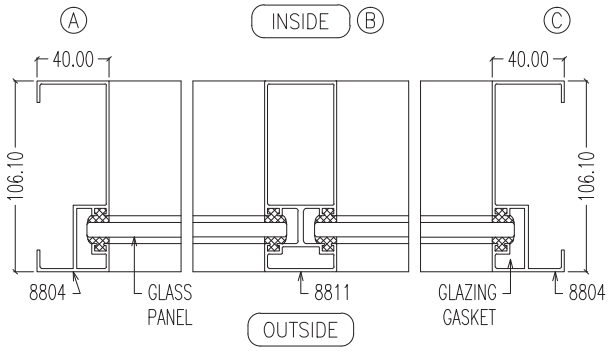


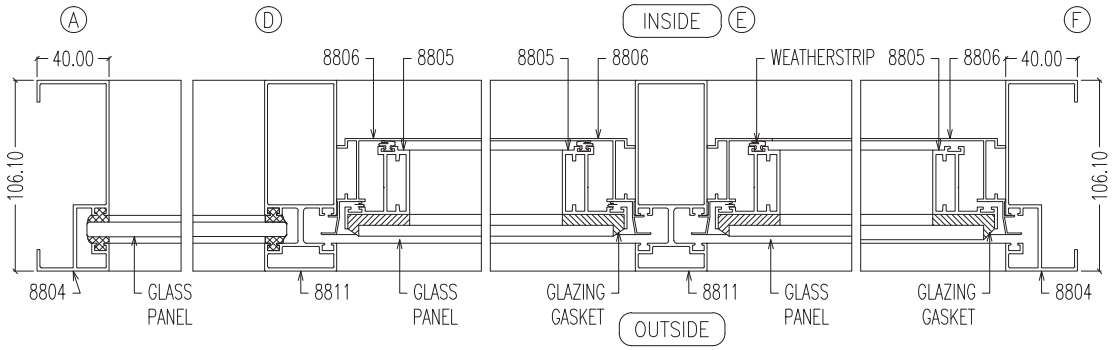
ELEVATION





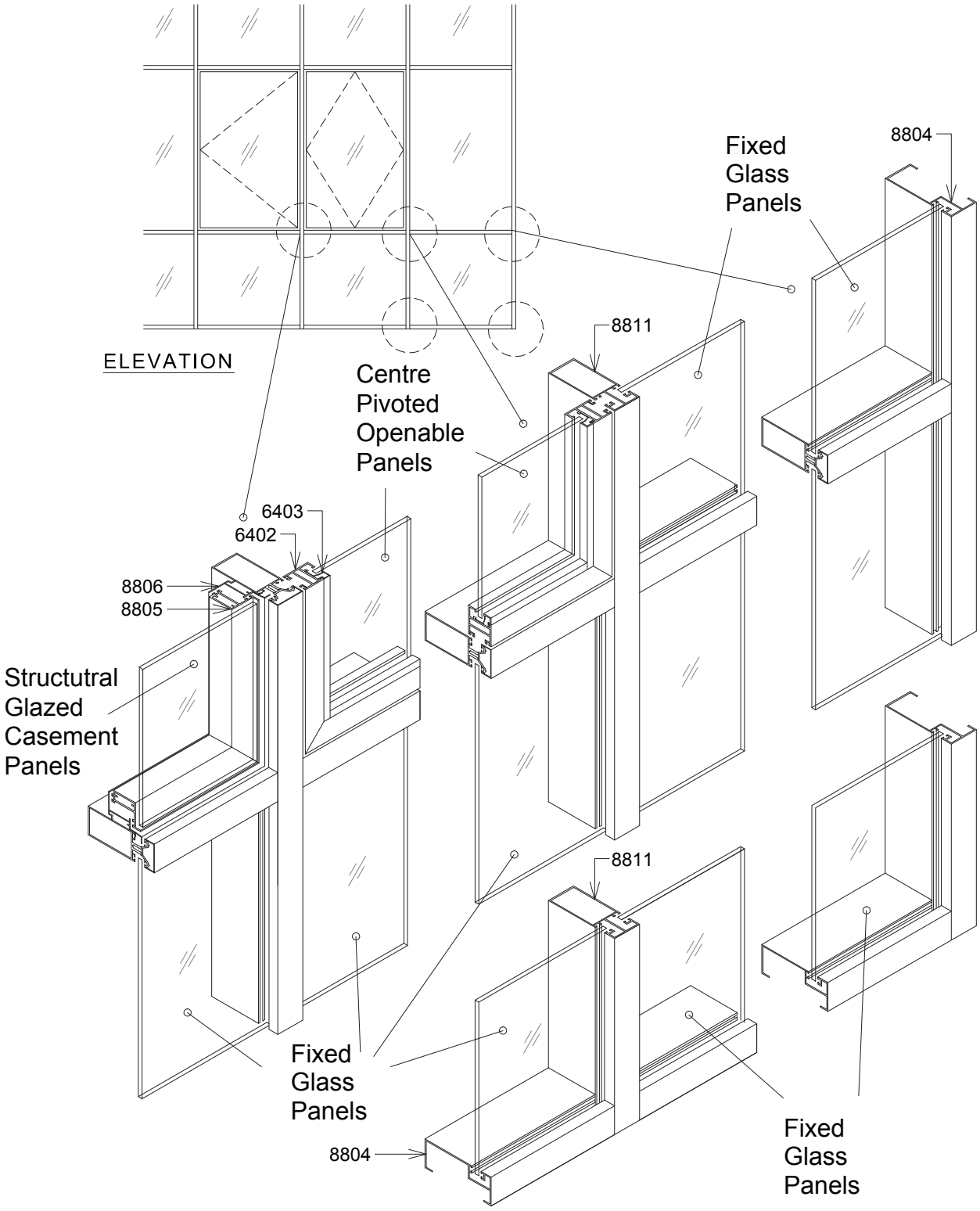
VERTICAL SECTIONS





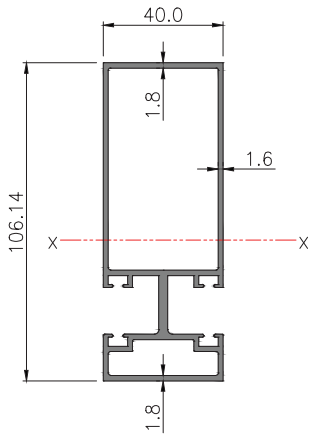
HORIZONTAL SECTIONS

TYPICAL ISOMETRIC CUT-OFF VIEWS



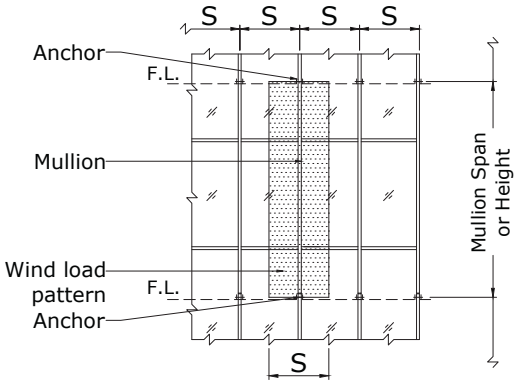
WIND LOAD CHART

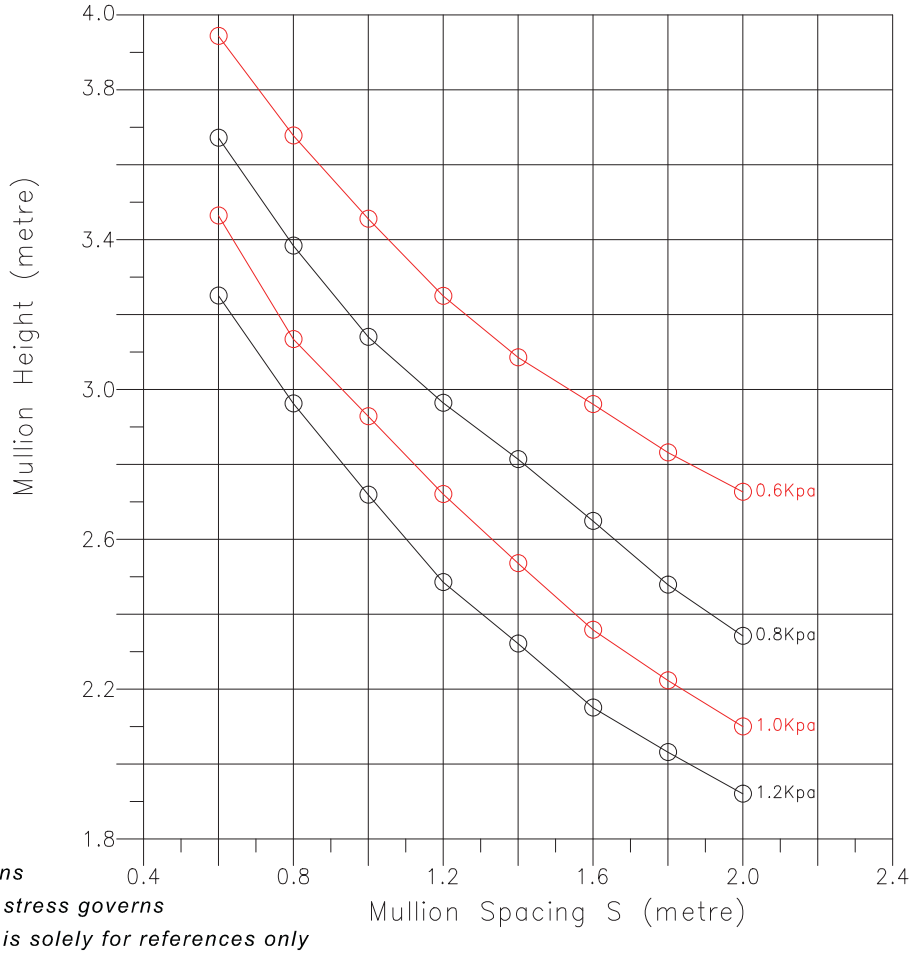
MULLION SECTION NO. : 8811
Aluminium Alloy : 6063-T5
Moment of Inertia Ixx : 80.6 cm^4
Mod. of Inertia Zxx : 13.8 cm^3



Mod. of Elasticity : 70 x 10^9 n/m^2
Deflection Limit : $^{Span}/_{175}$ up to max. 20mm.
Perm. Bend. Stress (within slenderness limit) : 1.25 x 67 Mpa.
Nature of Anchor : Simply Supported at Both Ends.

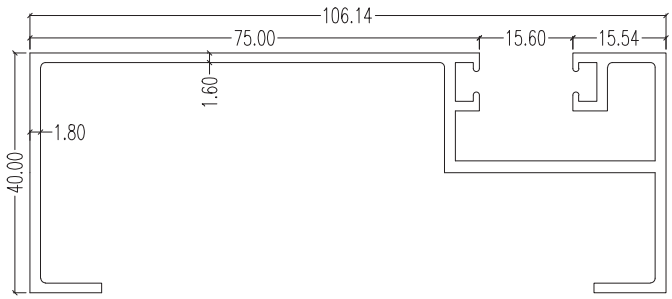
Typical Configuration of curtain wall :



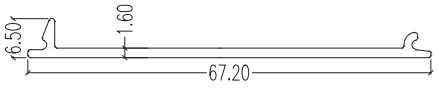


Legend:
◯ *deflection limit governs*
◇ *permissable bending stress governs*

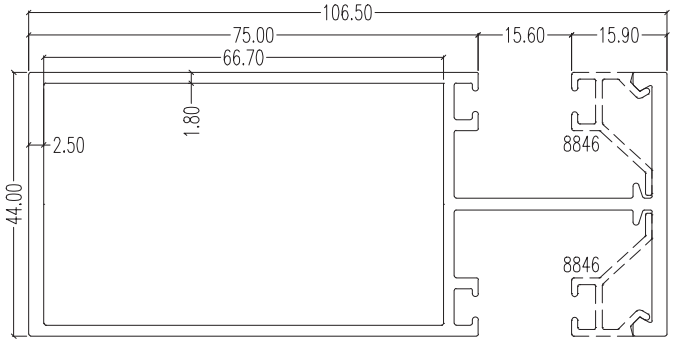
Note: This windload chart is solely for references only



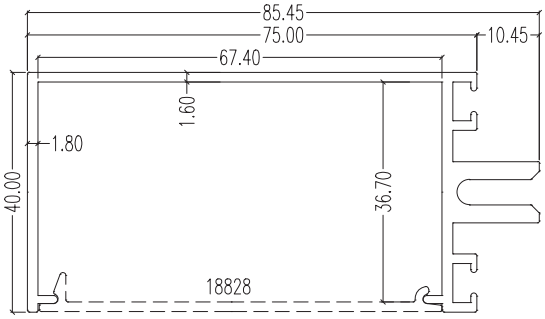
8804
LW : 1.228 kg/m
AP : 520.31 mm



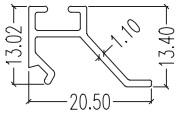
18828
LW : 0.316 kg/m
AP : 151.10 mm



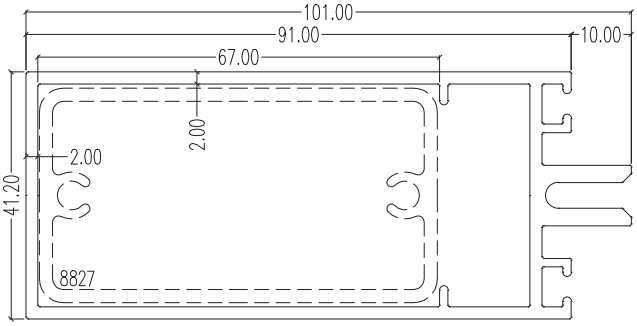
8845
LW : 1.795 kg/m
AP : 443.58 mm
Ixx : 17.3 cm⁴
Iyy : 92.9 cm⁴



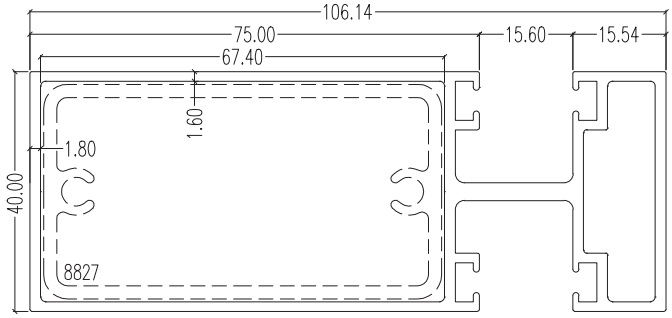
18829
LW : 1.033 kg/m
AP : 404.54 mm
Ixx : 6.1 cm⁴
Iyy : 36.3 cm⁴



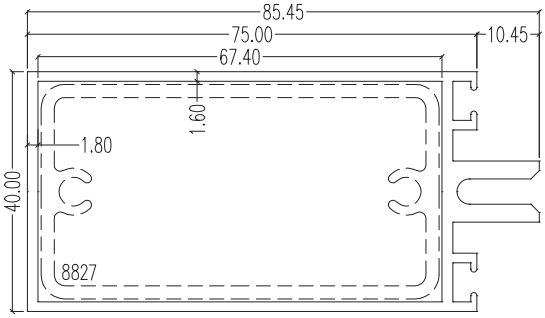
8846
LW : 0.139 kg/m
AP : 92.63 mm



19854
LW : 1.717 kg/m
AP : 356.43 mm
Ixx : 16.5 cm⁴
Iyy : 72.5 cm⁴

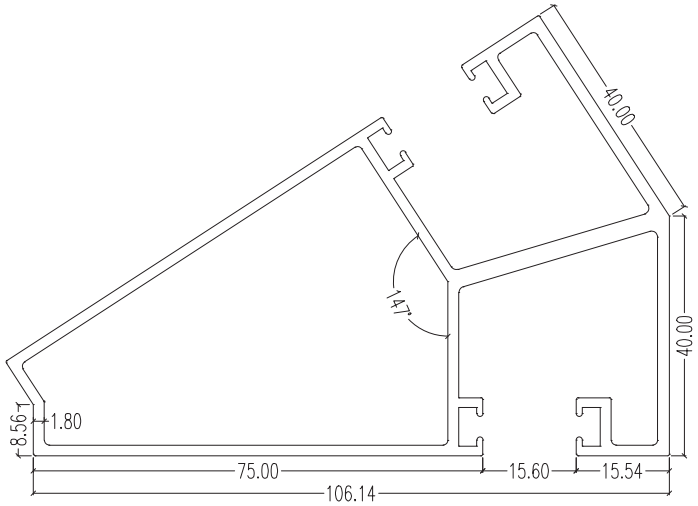


8811
LW : 1.772 kg/m
AP : 431.38 mm
Ixx : 14.3 cm⁴
Iyy : 80.6 cm⁴



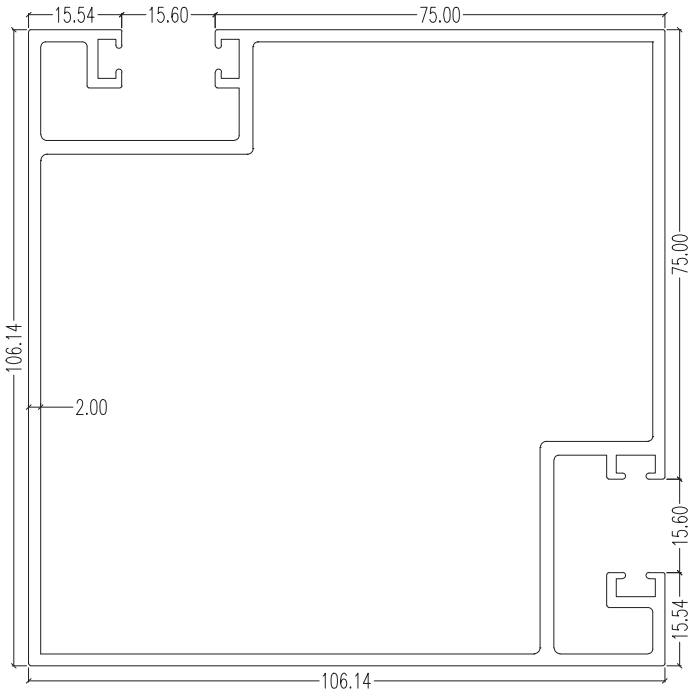
8801
LW : 1.303 kg/m
AP : 317.44 mm
Ixx : 10.8 cm⁴
Iyy : 36.3 cm⁴

Scale 0.8 : 1



8849

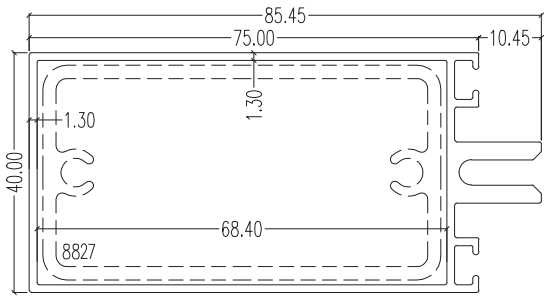
LW : 2.088 kg/m
AP : 593.47 mm
Ixx : 34.9 cm⁴
Iyy : 82.9 cm⁴



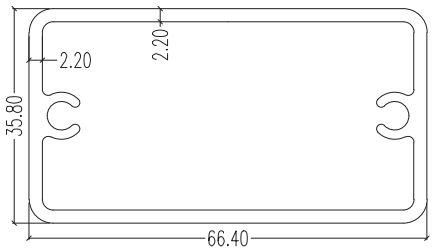
8850

LW : 2.900 kg/m
AP : 647.77 mm
Ixx : 176.6 cm⁴
Iyy : 176.6 cm⁴

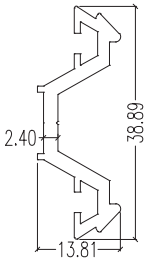
Scale 0.8 : 1



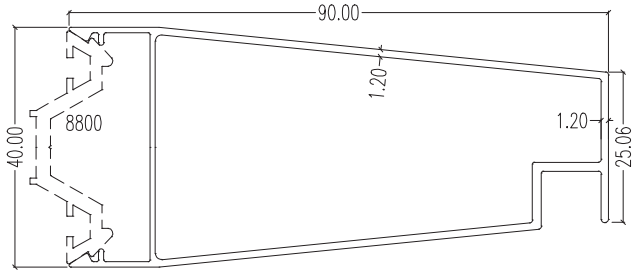
19868
LW : 1.079 kg/m
AP : 314.61 mm
Ixx : 8.84 cm⁴
Iyy : 33.73 cm⁴



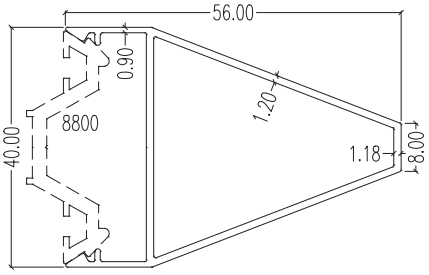
8827 (Bracket)
LW : 1.269 kg/m
AP : 197.53 mm



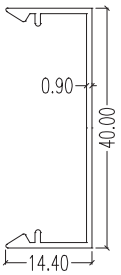
8800
LW : 0.375 kg/m
AP : 133.39 mm



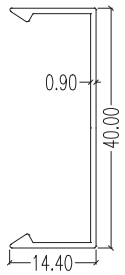
19830
LW : 0.805 kg/m
AP : 298.07 mm



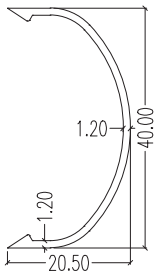
19838
LW : 0.526 kg/m
AP : 201.09 mm



8802
LW : 0.186 kg/m
AP : 144.64 mm

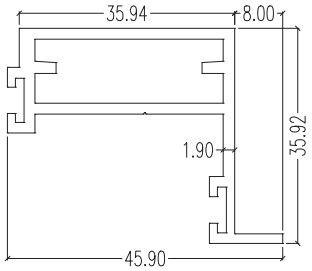


18842
LW : 0.177 kg/m
AP : 137.02 mm

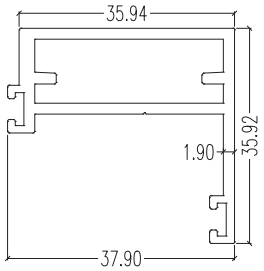


8832
LW : 0.215 kg/m
AP : 132.39 mm

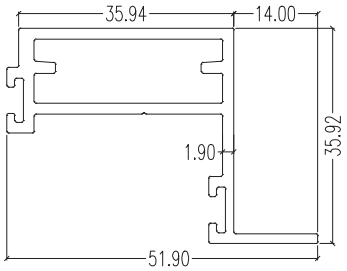
Scale 0.8 : 1



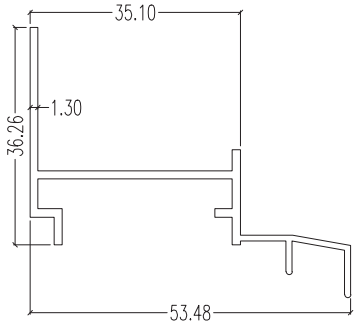
8805
LW : 0.764 kg/m
AP : 198.15 mm



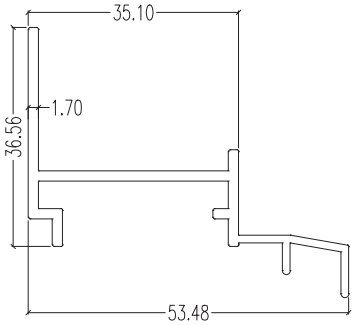
8890
LW : 0.675 kg/m
AP : 175.87 mm



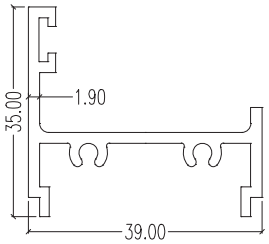
48871
LW : 0.750 kg/m
AP : 206.26 mm



8806
LW : 0.435 kg/m
AP : 245.05 mm



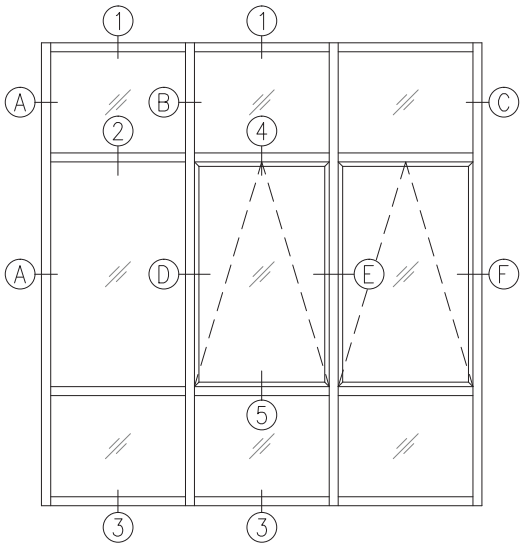
18814
LW : 0.529 kg/m
AP : 245.42 mm



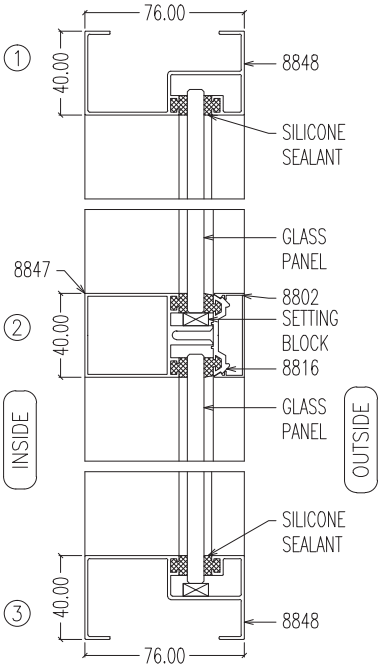
8831
LW : 0.566 kg/m
AP : 229.62 mm

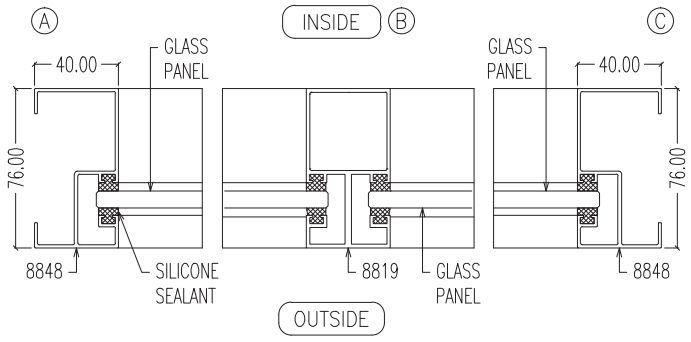
Scale 0.8 : 1

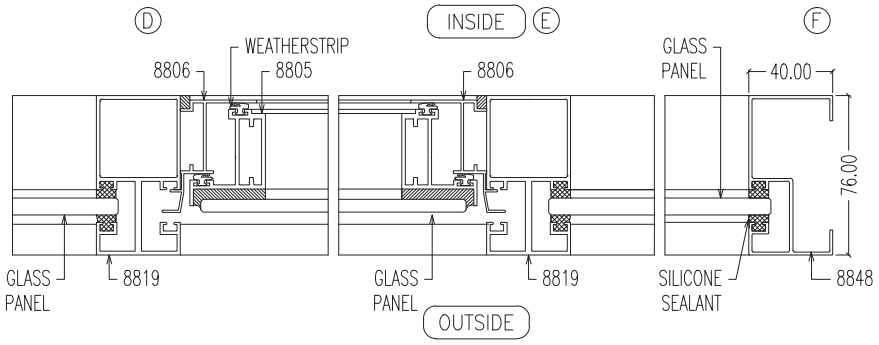
TYPICAL ASSEMBLY SECTIONAL DETAILS



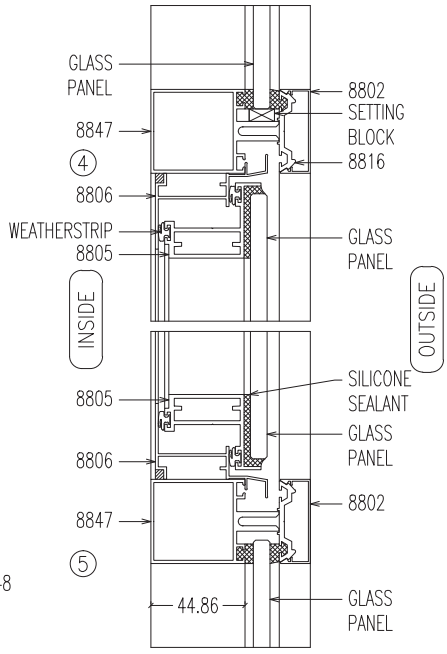
ELEVATION



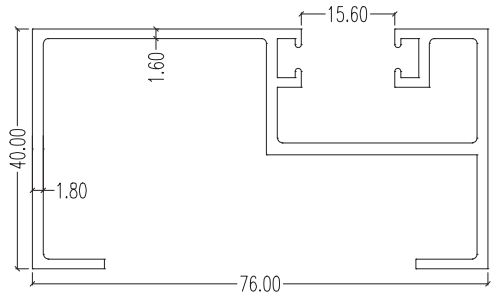




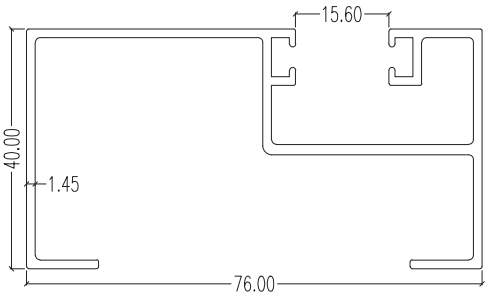
HORIZONTAL SECTIONS



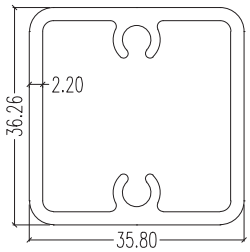
VERTICAL SECTIONS



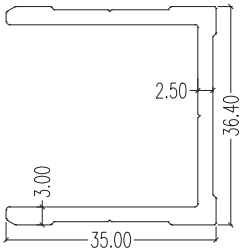
8818
LW : 1.093 kg/m
AP : 462.03 mm



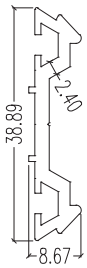
8848
LW : 0.936 kg/m
AP : 463.06 mm



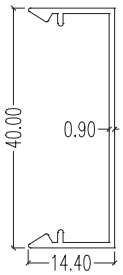
8844 (Bracket)
LW : 0.954 kg/m
AP : 141.01 mm



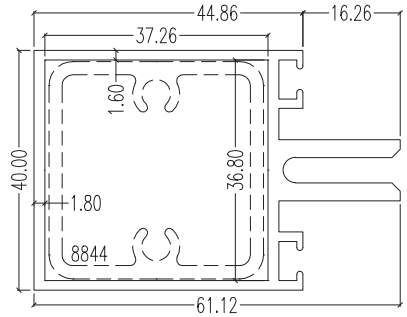
8898 (Bracket)
LW : 0.723 kg/m
AP : 206.26 mm



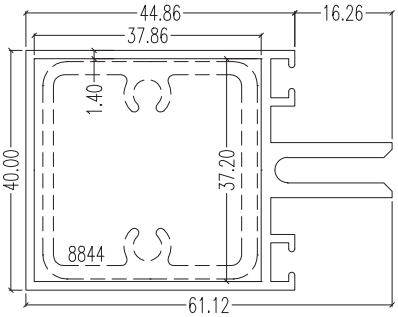
8816
LW : 0.334 kg/m
AP : 123.98 mm



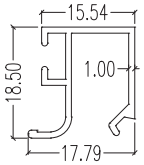
8802
LW : 0.186 kg/m
AP : 144.64 mm



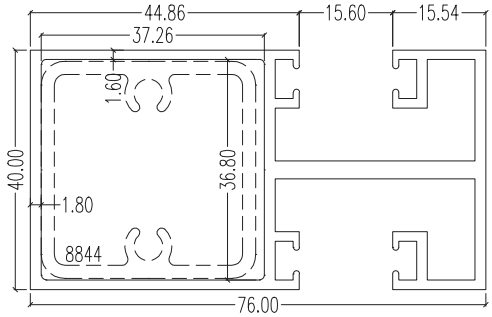
8817
LW : 1.136 kg/m
AP : 280.40 mm
Ixx : 7.25 cm⁴
Iyy : 15.44 cm⁴



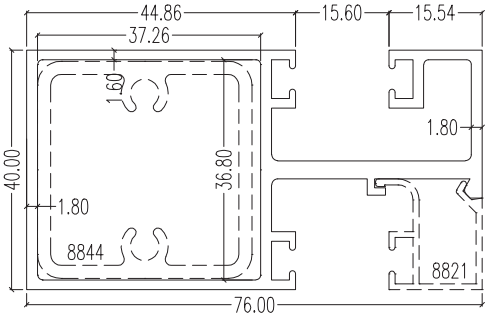
8847
LW : 0.971 kg/m
AP : 279.32 mm
Ixx : 6.39 cm⁴
Iyy : 12.83 cm⁴



8821
LW : 0.181 kg/m
AP : 131.97 mm

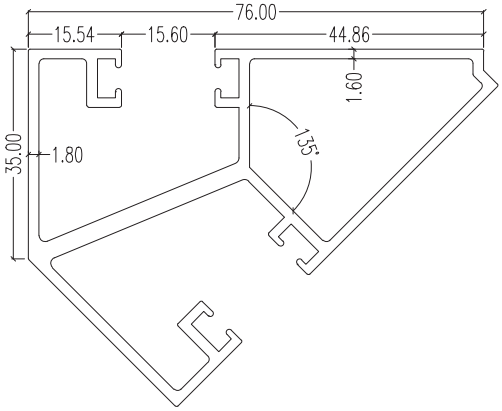


8819
LW : 1.519 kg/m
AP : 457.03 mm
Ixx : 10.60 cm⁴
Iyy : 35.60 cm⁴

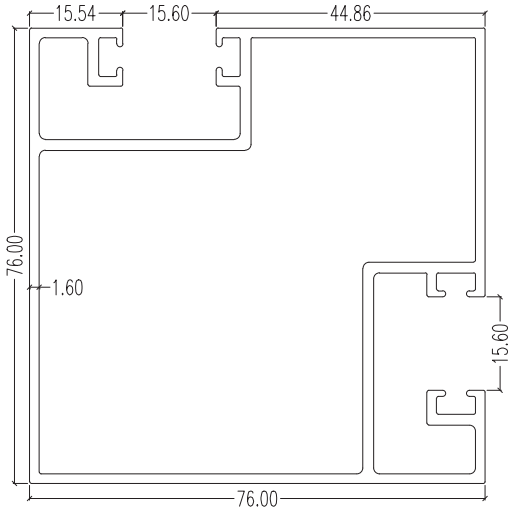


8820
LW : 1.340 kg/m
AP : 382.46 mm

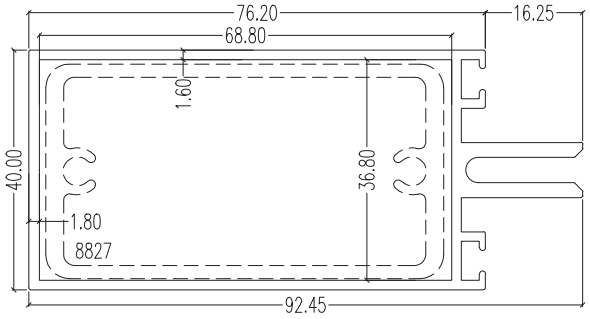
Scale 0.8 : 1



8835
LW : 1.528 kg/m
AP : 488.20 mm
Ixx : 15.66 cm⁴
Iyy : 27.46 cm⁴

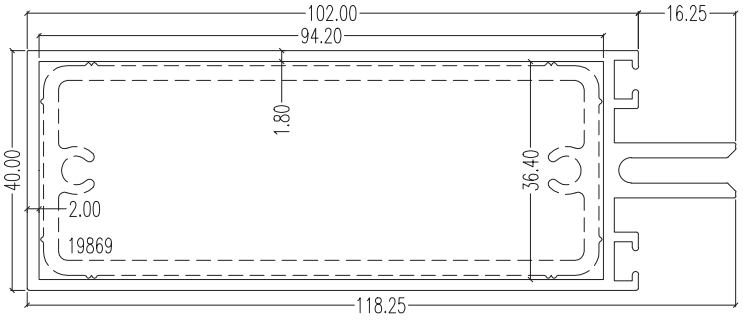


19825
LW : 1.852 kg/m
AP : 527.97 mm
Ixx : 52.48 cm⁴
Iyy : 52.48 cm⁴

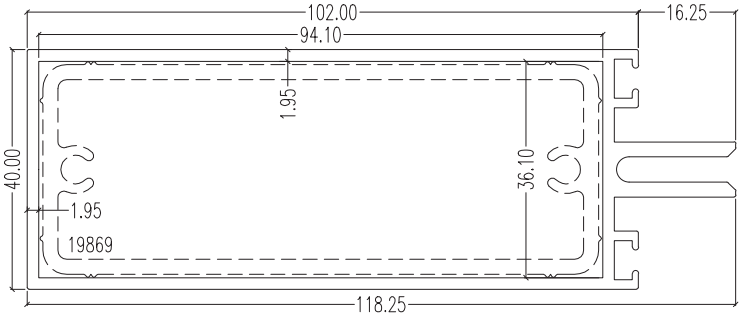


8899
LW : 1.333 kg/m
AP : 341.96 mm
Ixx : 10.90 cm⁴
Iyy : 45.98 cm⁴

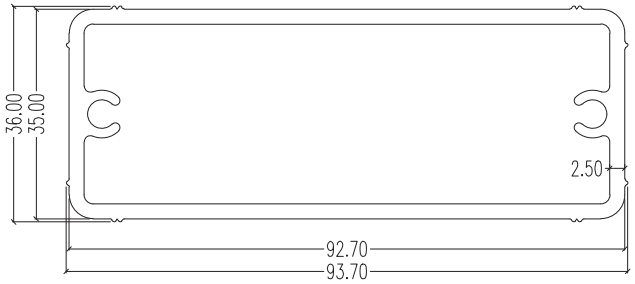
Scale 0.8 : 1



18811
LW : 1.699 kg/m
AP : 393.56 mm
Ixx : 15.29 cm⁴
Iyy : 95.72 cm⁴



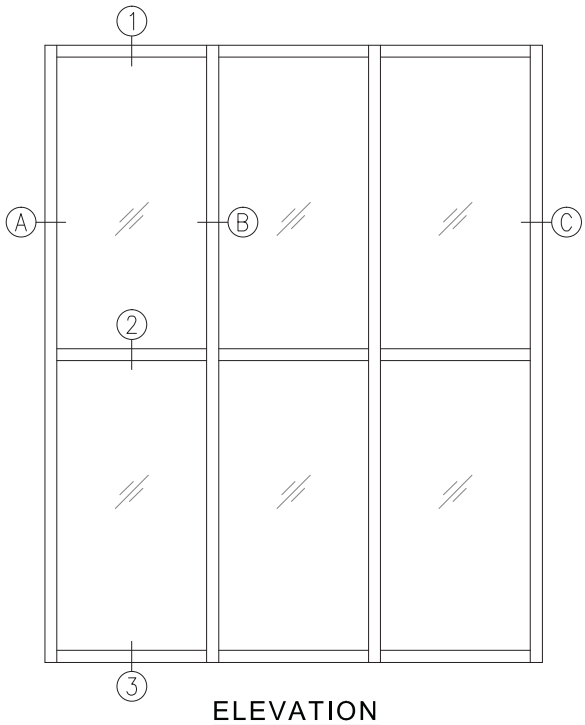
18834
LW : 1.782 kg/m
AP : 394.26 mm
Ixx : 16.25 cm⁴
Iyy : 98.04 cm⁴



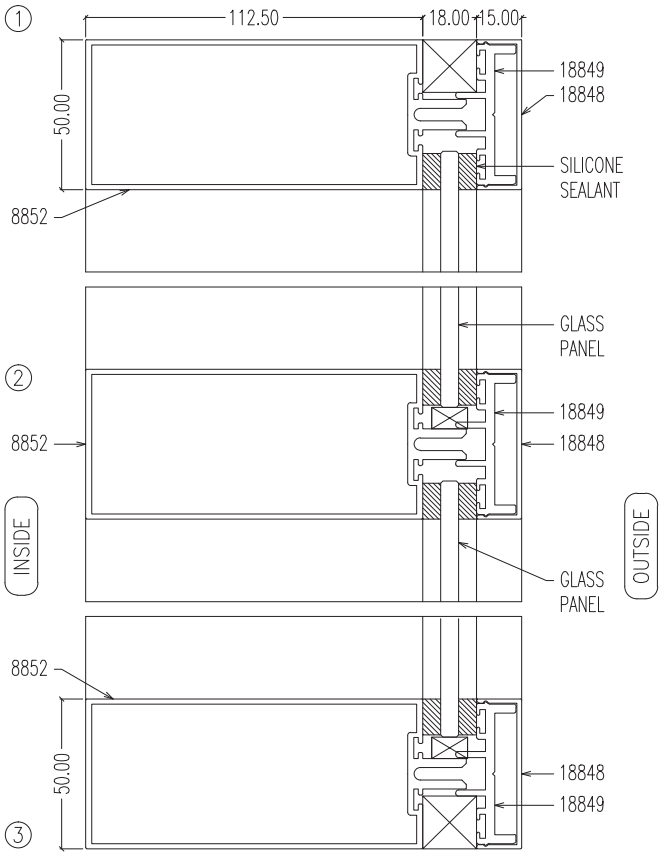
19869 (Bracket)
LW : 1.770 kg/m
AP : 253.85 mm

Scale 0.8 : 1

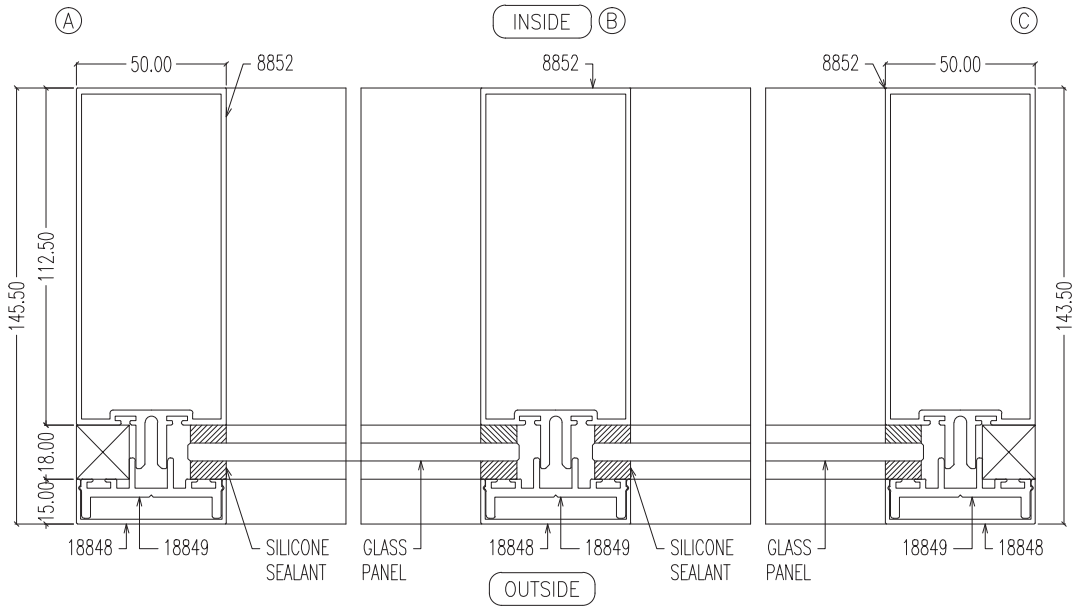
TYPICAL ASSEMBLY SECTIONAL DETAILS



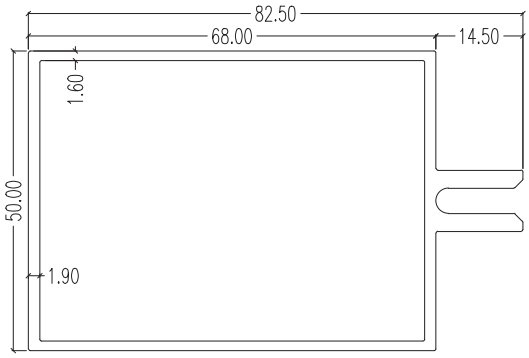
ELEVATION



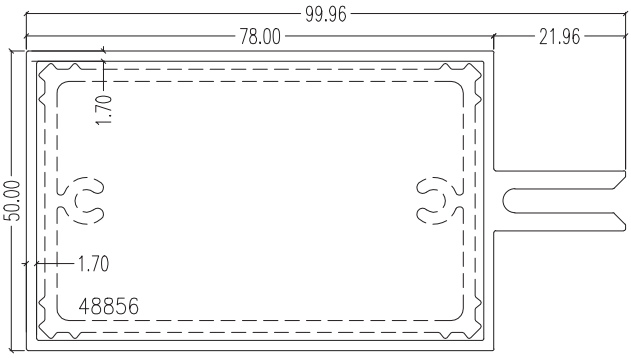
VERTICAL SECTIONS



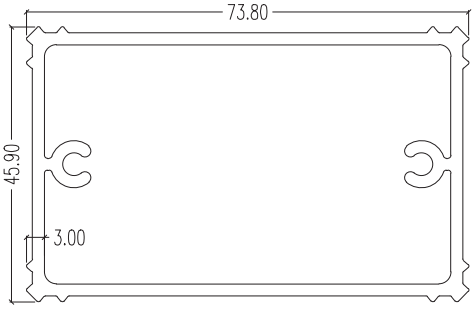
HORIZONTAL SECTIONS



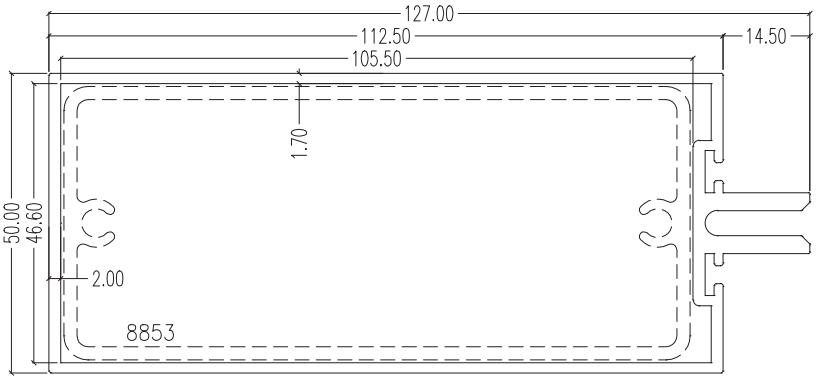
19892
LW : 1.308 kg/m
AP : 289.49 mm
Ixx : 16.11 cm⁴
Iyy : 39.910 cm⁴



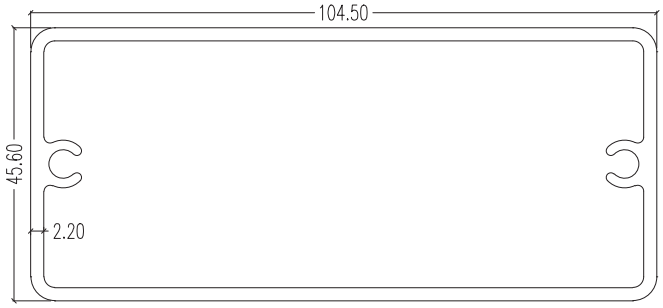
48855
LW : 1.517 kg/m
AP : 335.72 mm
Ixx : 18.509 cm⁴
Iyy : 61.815 cm⁴



48856 (Bracket)
LW : 1.445 kg/m
AP : 245.21 mm

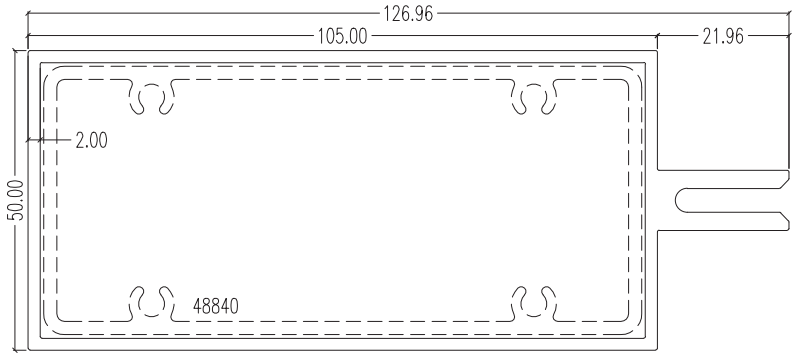


8852
LW : 1.886 kg/m
AP : 411.36 mm
Ixx : 26.09 cm⁴
Iyy : 134.11 cm⁴

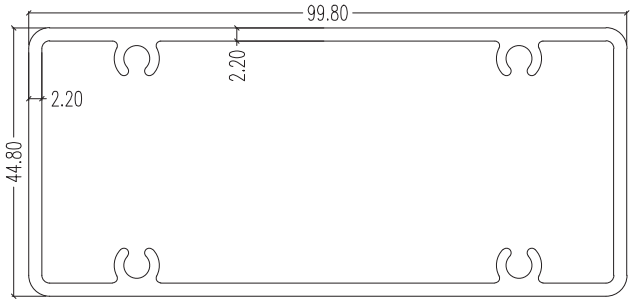


8853 (Bracket)
LW : 1.846 kg/m
AP : 293.33 mm

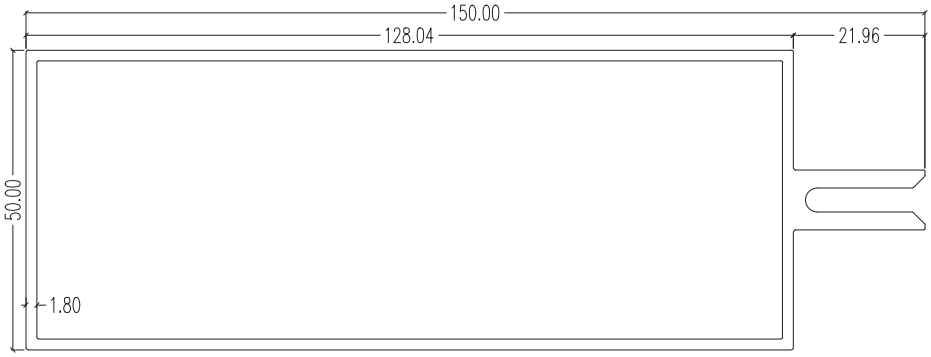
Scale 0.8 : 1



48839
LW : 2.027 kg/m
AP : 387.28 mm
Ixx : 27.62 cm⁴
Iyy : 133.11 cm⁴

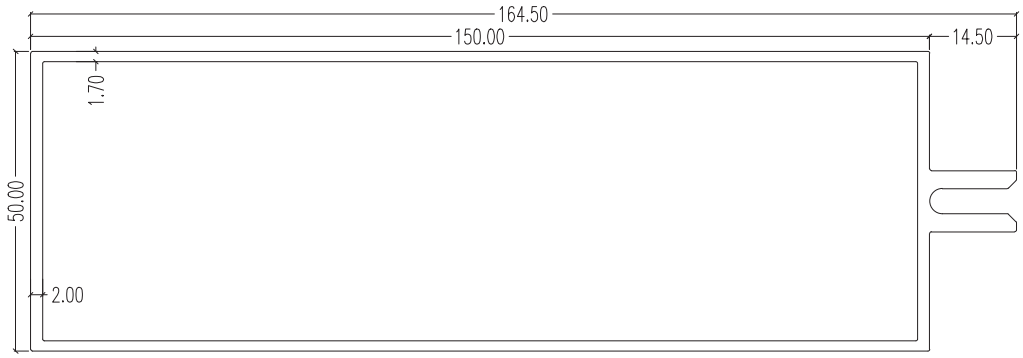


48840(Bracket)
LW : 1.895 kg/m
AP : 283.19 mm

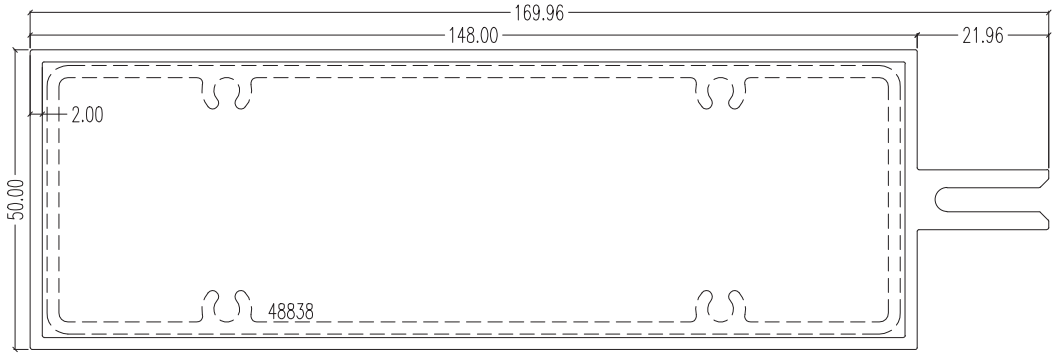


48854
LW : 2.076 kg/m
AP : 434.78 mm
Ixx : 29.95 cm⁴
Iyy : 191.86 cm⁴

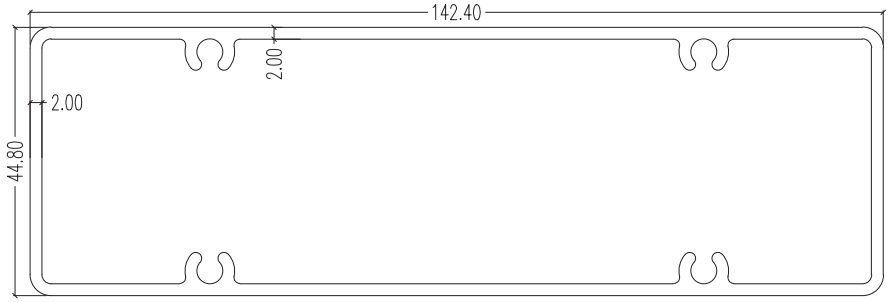
Scale 0.8 : 1



19893
LW : 2.125 kg/m
AP : 453.49 mm
Ixx : 33.25 cm⁴
Iyy : 249.73 cm⁴

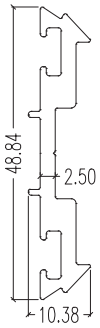


48837
LW : 2.493 kg/m
AP : 473.28 mm
Ixx : 37.53 cm⁴
Iyy : 291.88 cm⁴

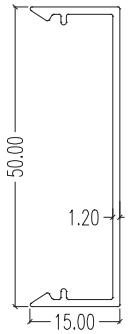


48838(Bracket)
LW : 2.213 kg/m
AP : 368.39 mm

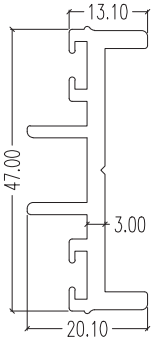
Scale 0.8 : 1



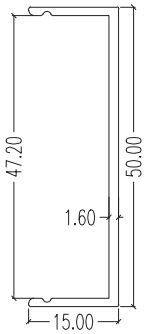
19819
LW : 0.505 kg/m
AP : 149.08 mm



19820
LW : 0.267 kg/m
AP : 163.54 mm

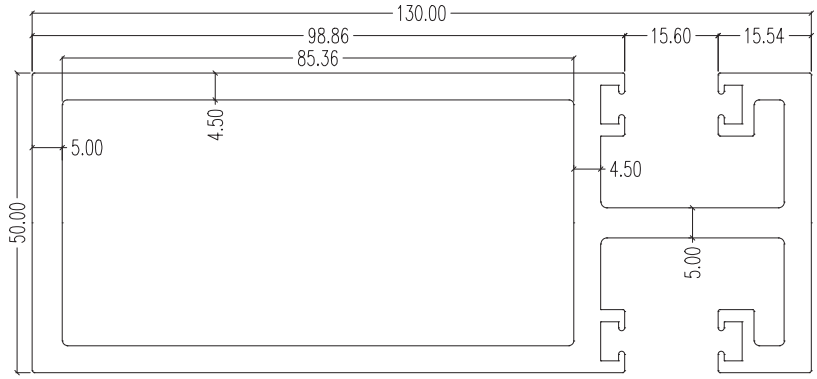


18849
LW : 0.687 kg/m
AP : 204.34 mm



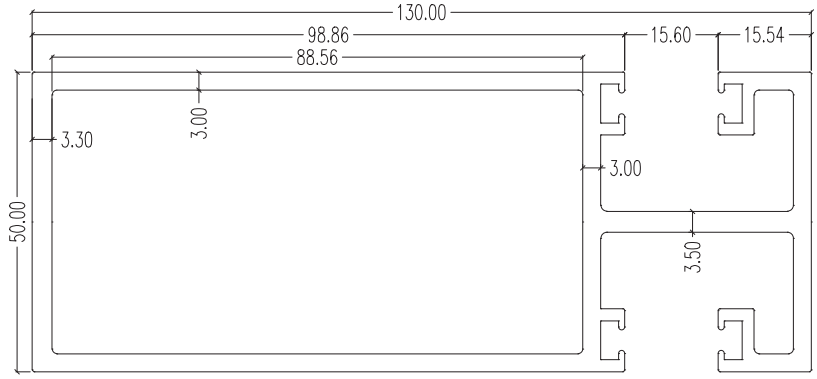
18848
LW : 0.314 kg/m
AP : 156.70 mm

Scale 0.8 : 1



8889

LW : 4.844 kg/m
AP : 582.23 mm
Ixx : 61.6 cm⁴
Iyy : 347.6 cm⁴

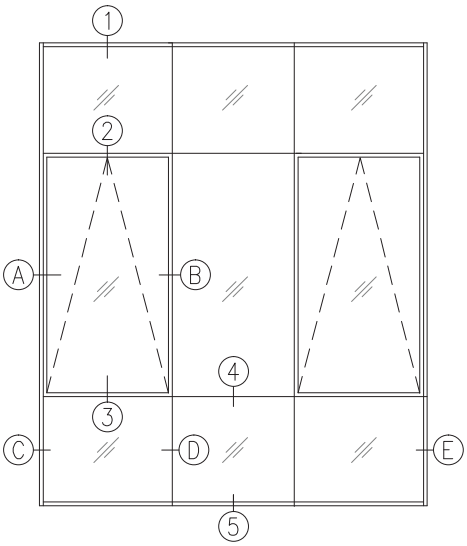


8894

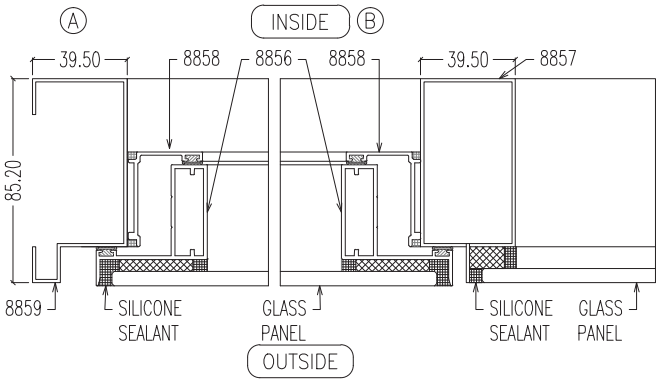
LW : 3.780 kg/m
AP : 597.23 mm
Ixx : 46.0 cm⁴
Iyy : 250.7 cm⁴

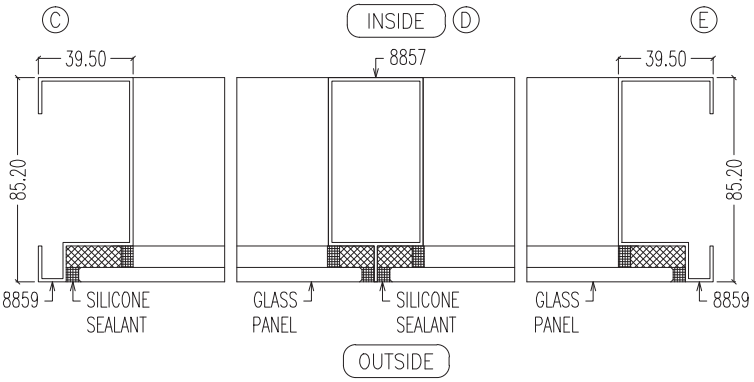
Scale 0.8 : 1

TYPICAL ASSEMBLY SECTIONAL DETAILS

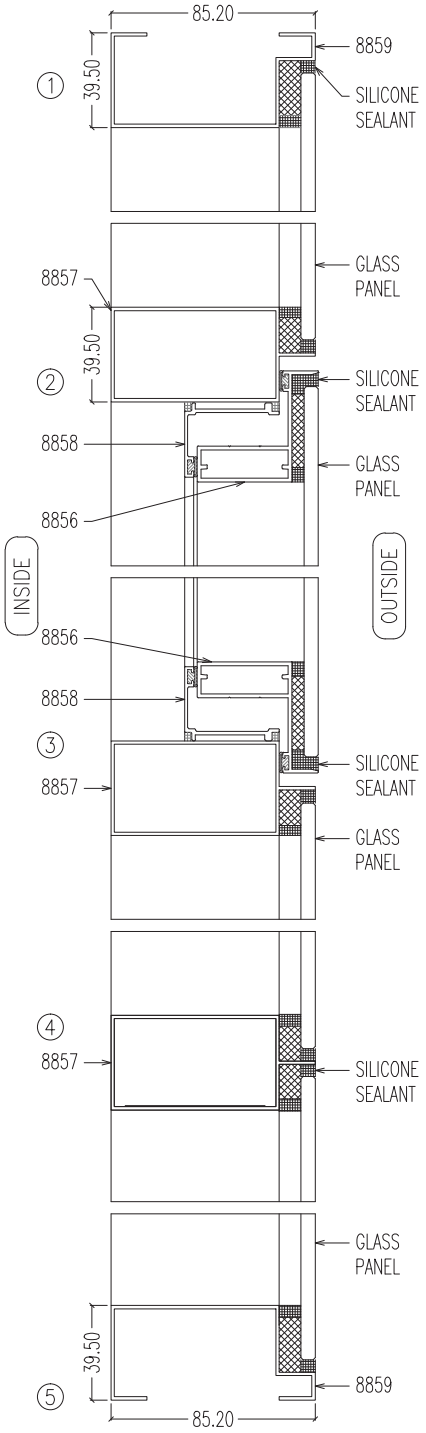


ELEVATION



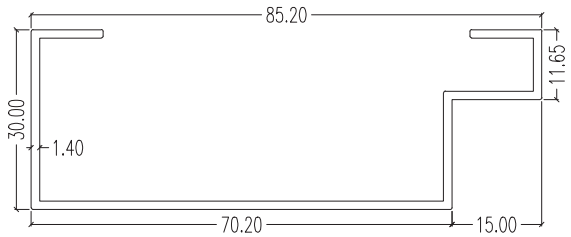


HORIZONTAL SECTIONS

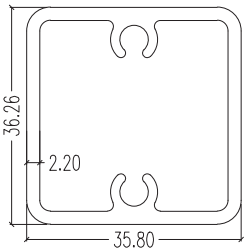


VERTICAL SECTIONS

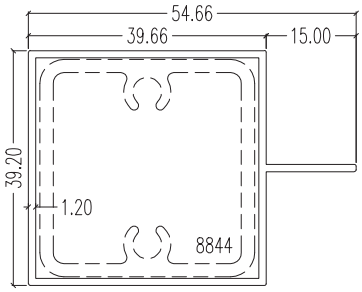
FRAMELESS CURTAINWALL-STICKWALL
CTW04



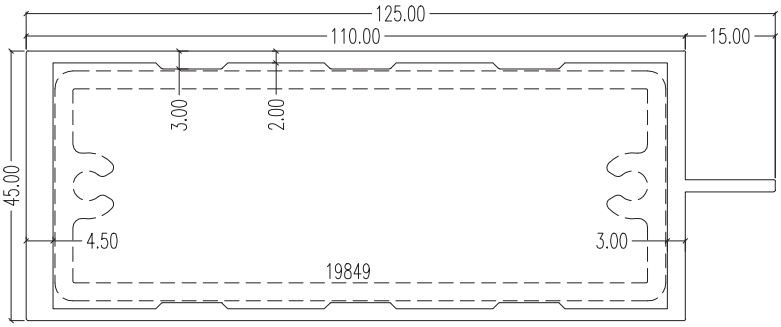
8859
LW : 0.621 kg/m
AP : 328.71 mm



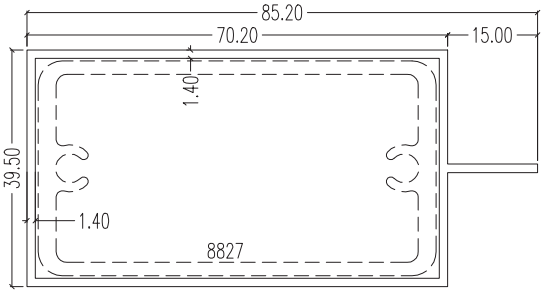
8844 (Bracket)
LW : 0.954 kg/m
AP : 141.01 mm



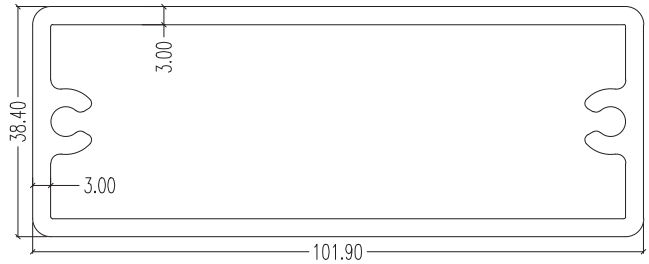
18853
LW : 0.546 kg/m
AP : 186.95 mm
Ixx : 4.4 cm⁴
Iyy : 5.8 cm⁴



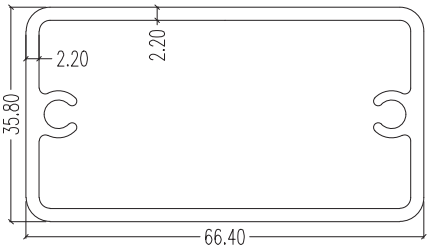
8897
LW : 2.288 kg/m
AP : 339.23 mm
Ixx : 27.3 cm⁴
Iyy : 146.1 cm⁴



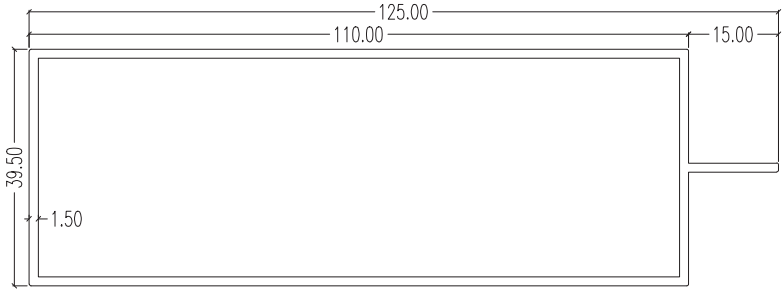
8857
LW : 0.869 kg/m
AP : 248.63 mm
Ixx : 8.3 cm⁴
Iyy : 23.8 cm⁴



19849 (Bracket)
LW : 2.396 kg/m
AP : 275.45 mm

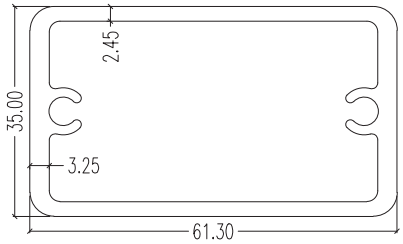


8827 (Bracket)
LW : 1.269 kg/m
AP : 197.53 mm

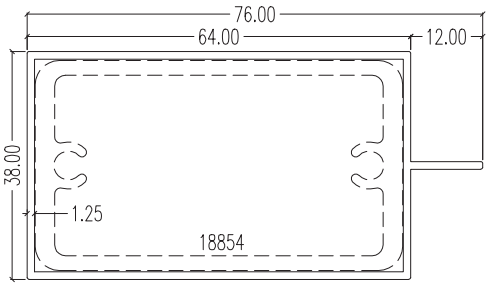


8896
LW : 1.253 kg/m
AP : 328.23 mm
Ixx : 13.1 cm⁴
Iyy : 73.9 cm⁴

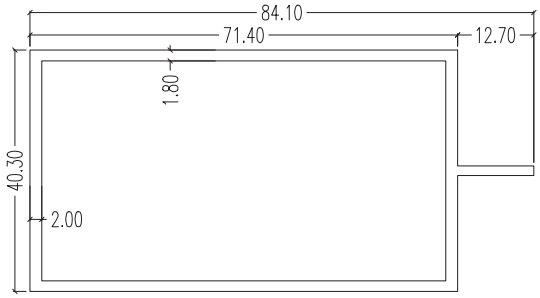
Scale 0.8 : 1



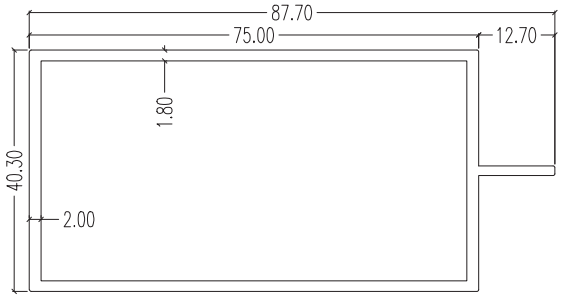
18854 (Bracket)
LW : 1.416 kg/m
AP : 185.73 mm



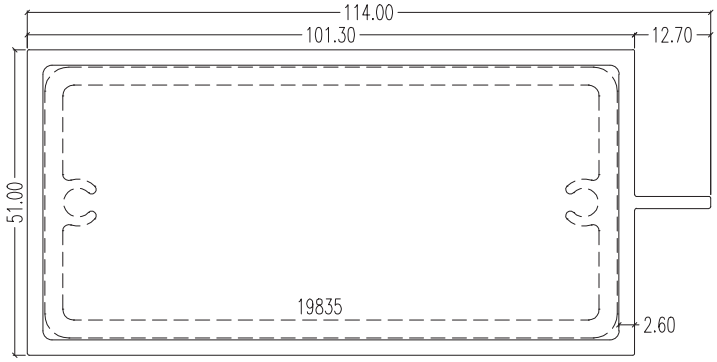
8882
LW : 0.715 kg/m
AP : 227.23 mm
Ixx : 6.3 cm⁴
Iyy : 16.3 cm⁴



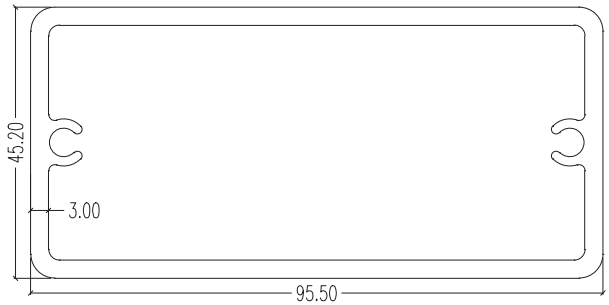
8851
LW : 1.150 kg/m
AP : 248.03 mm
Ixx : 11.2 cm⁴
Iyy : 32.1 cm⁴



8883
LW : 1.185 kg/m
AP : 255.23 mm
Ixx : 11.70 cm⁴
Iyy : 36.0 cm⁴

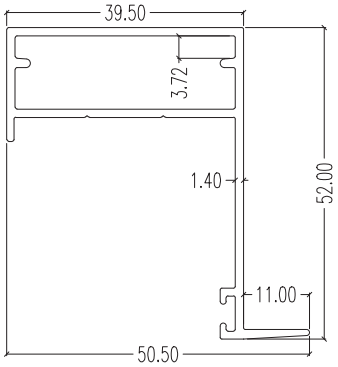


19836
LW : 2.148 kg/m
AP : 328.97 mm
Ixx : 35.1 cm⁴
Iyy : 111.50 cm⁴

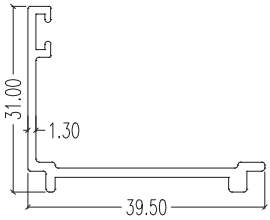


19835 (Bracket)
LW : 2.271 kg/m
AP : 274.53 mm

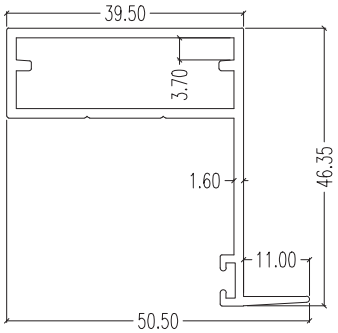
Scale 0.8 : 1



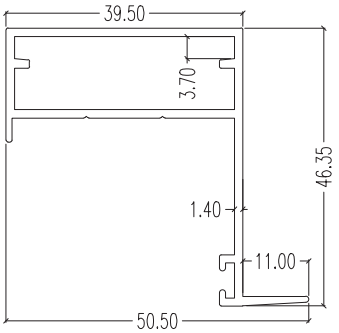
19839
LW : 0.627 kg/m
AP : 225.22 mm



8858
LW : 0.315 kg/m
AP : 159.28 mm



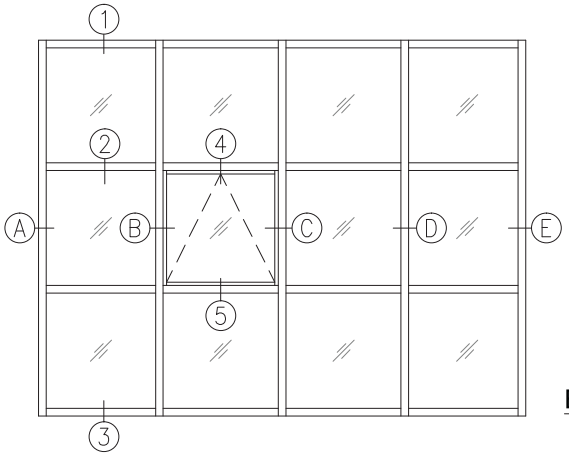
8856
LW : 0.661 kg/m
AP : 206.67 mm



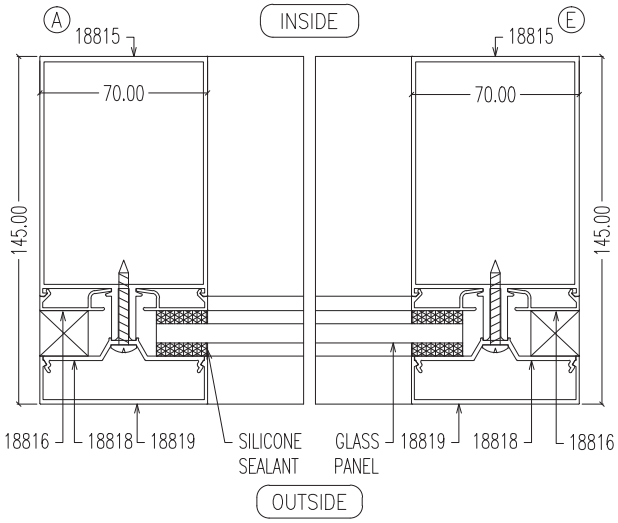
18840
LW : 0.604 kg/m
AP : 214.94 mm

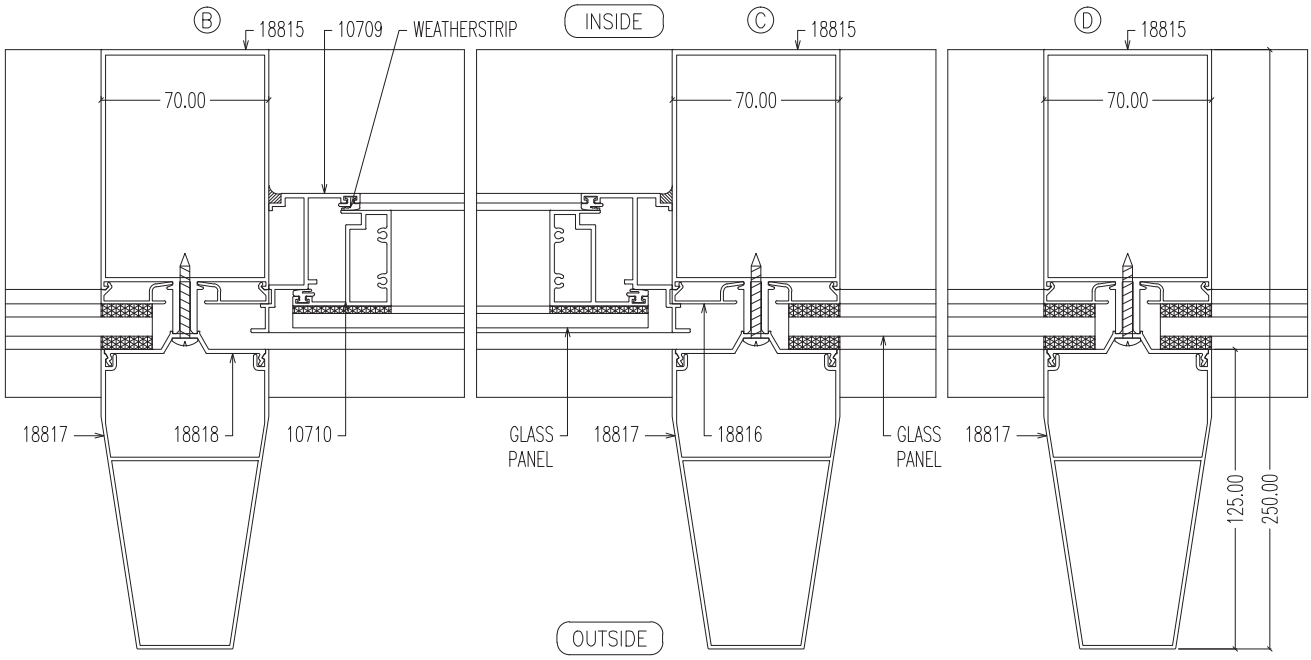
Scale 0.8 : 1

TYPICAL ASSEMBLY SECTIONAL DETAILS



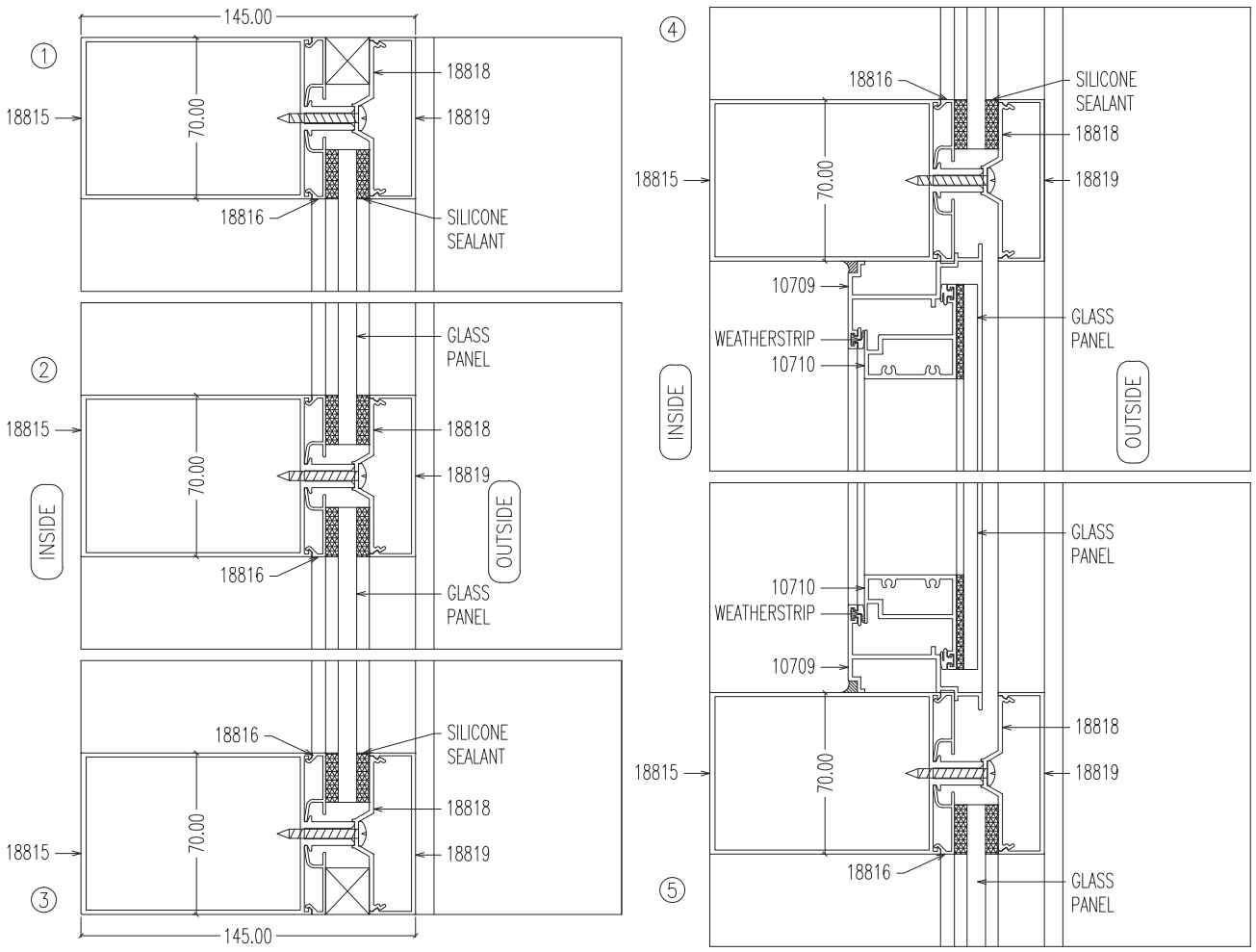
ELEVATION



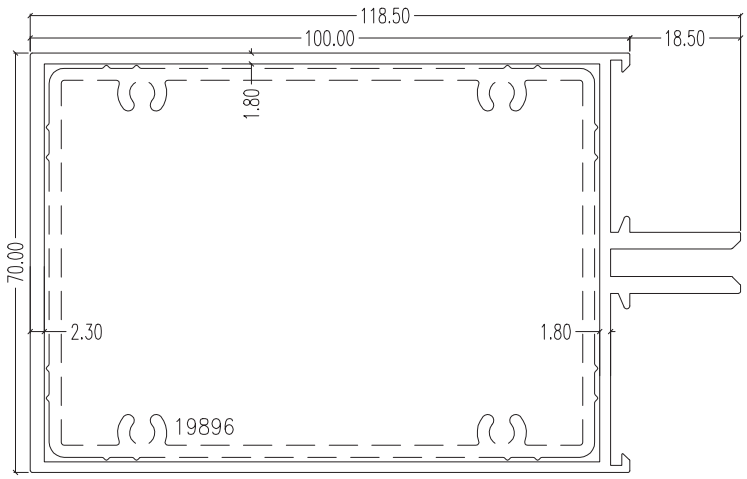


HORIZONTAL SECTIONS

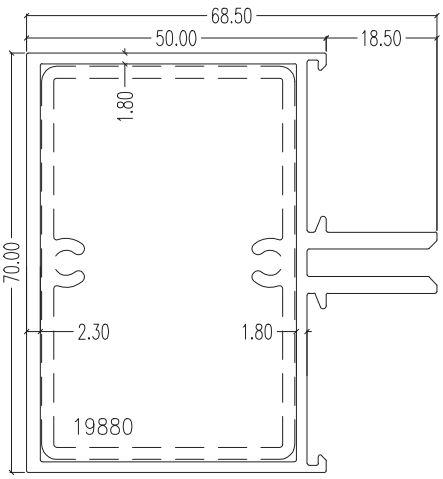
TYPICAL ASSEMBLY SECTIONAL DETAILS



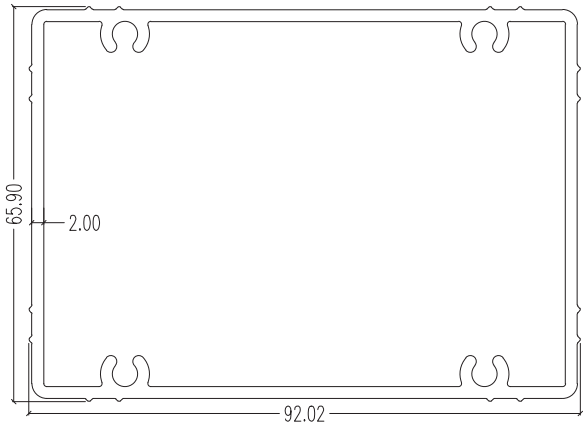
VERTICAL SECTIONS



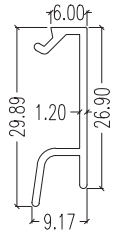
18815
LW : 2.057 kg/m
AP : 445.16 mm
Ixx : 52.10 cm⁴
Iyy : 129.70 cm⁴



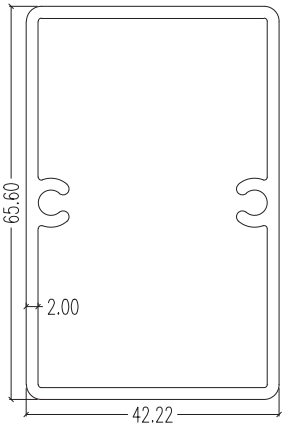
19821
LW : 1.570 kg/m
AP : 342.88 mm
Ixx : 31.1 cm⁴
Iyy : 29.7 cm⁴



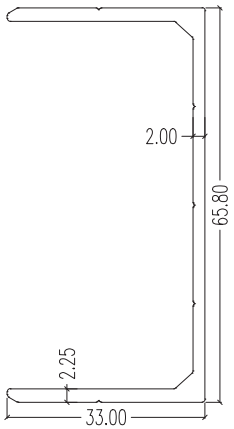
19896 (Bracket)
LW : 1.888 kg/m
AP : 313.35 mm



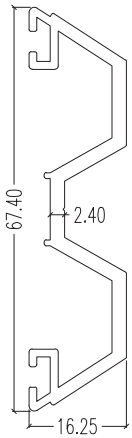
18816
LW : 0.168 kg/m
AP : 103.19 mm



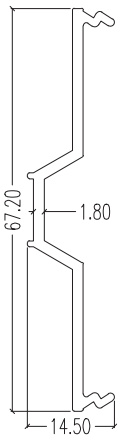
19880 (Bracket)
LW : 1.231 kg/m
AP : 211.35 mm



19831
LW : 0.751 kg/m
AP : 254.82 mm

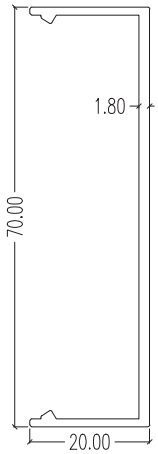


18843
LW : 0.682 kg/m
AP : 253.80 mm

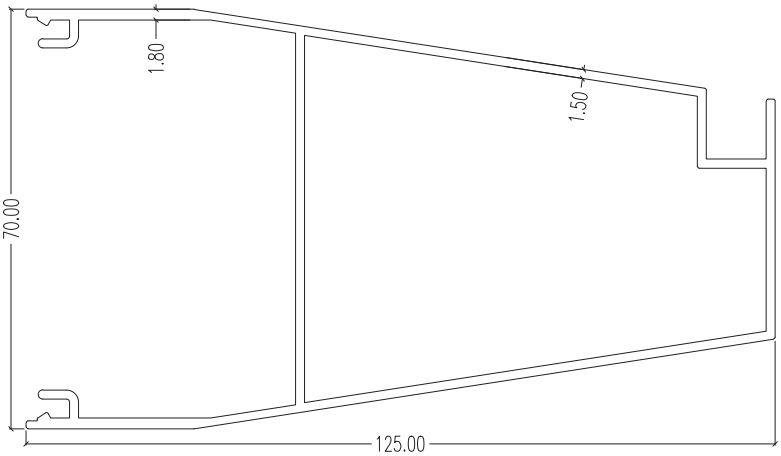


18818
LW : 0.416 kg/m
AP : 174.03 mm

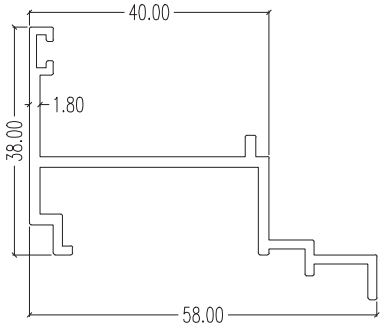
Scale 0.8 : 1



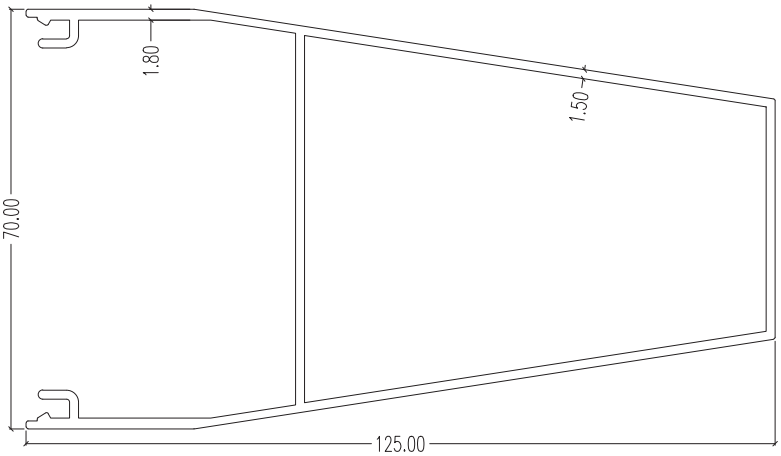
18819
LW : 0.482 kg/m
AP : 218.58 mm



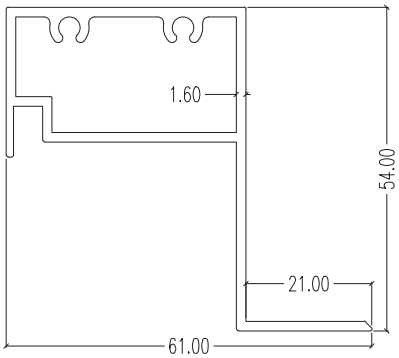
18820
LW : 1.585 kg/m
AP : 506.25 mm



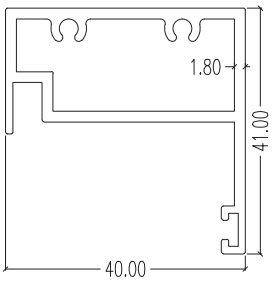
10709
LW : 0.610 kg/m
AP : 271.74 mm



18817
LW : 1.538 kg/m
AP : 484.86 mm



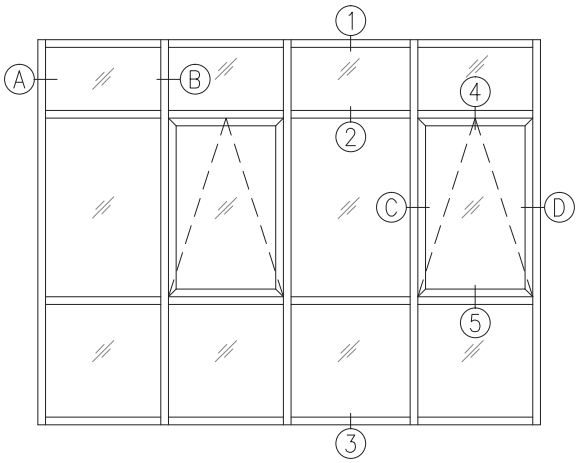
18821
LW : 0.830 kg/m
AP : 233.51 mm



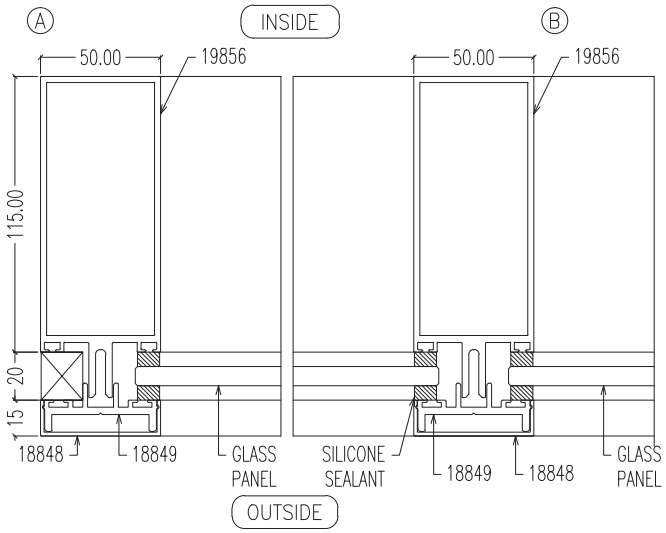
10710
LW : 0.751 kg/m
AP : 192.25 mm

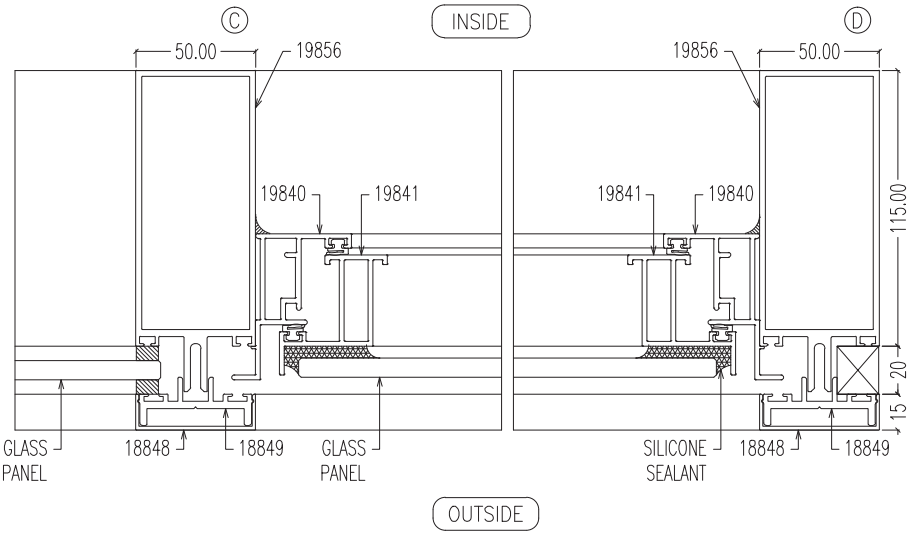
Scale 0.8 : 1

TYPICAL ASSEMBLY SECTIONAL DETAILS



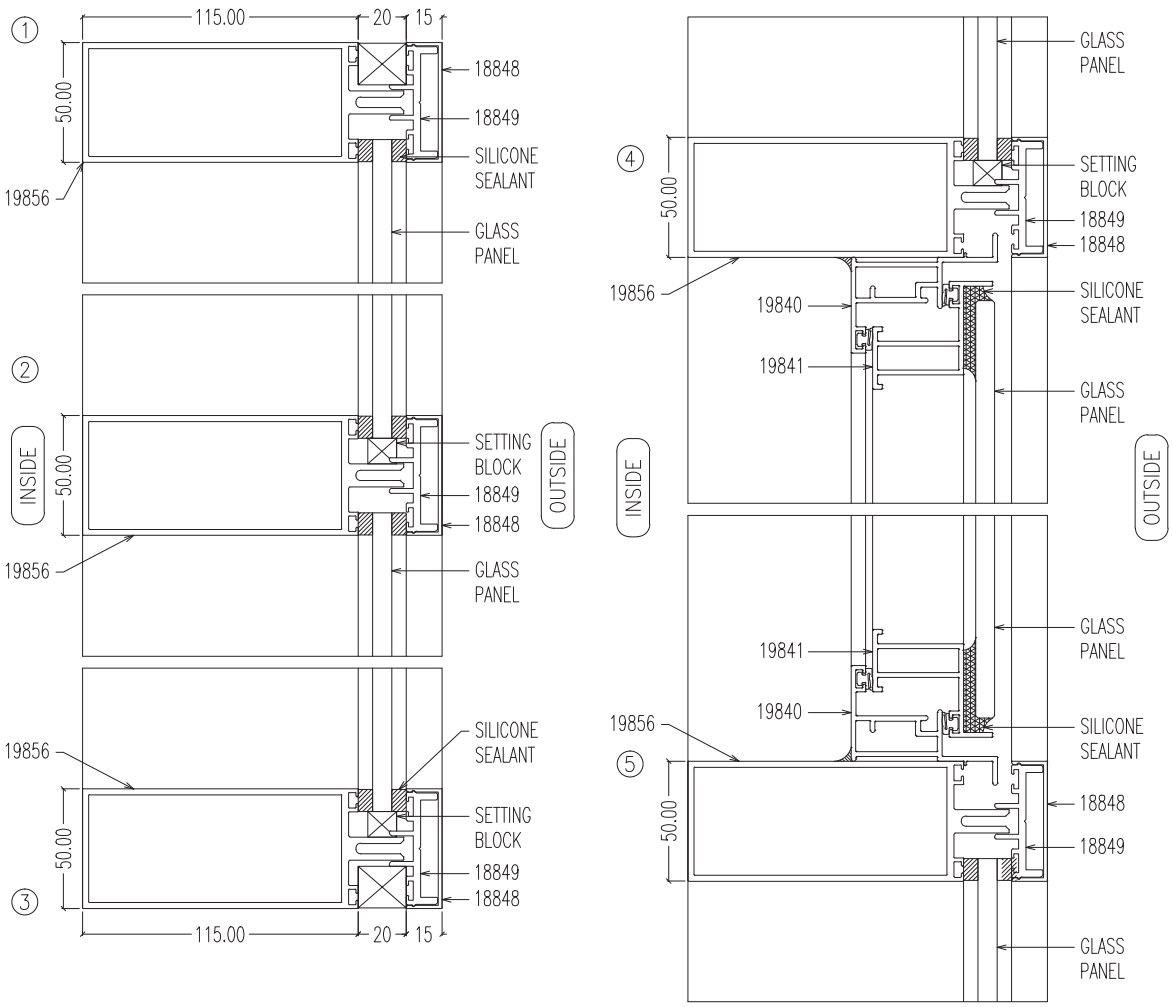
ELEVATION





HORIZONTAL SECTIONS

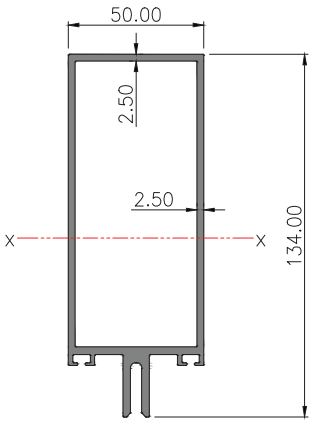
TYPICAL ASSEMBLY SECTIONAL DETAILS



VERTICAL SECTIONS

WIND LOAD CHART

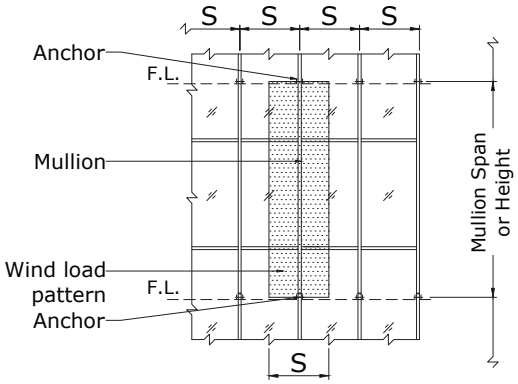
MULLION SECTION NO. : 19856
Aluminium Alloy : 6063-T5
Moment of Inertia Ixx : 185.0 cm^4
Mod. of Inertia Zxx : 27.2 cm^3

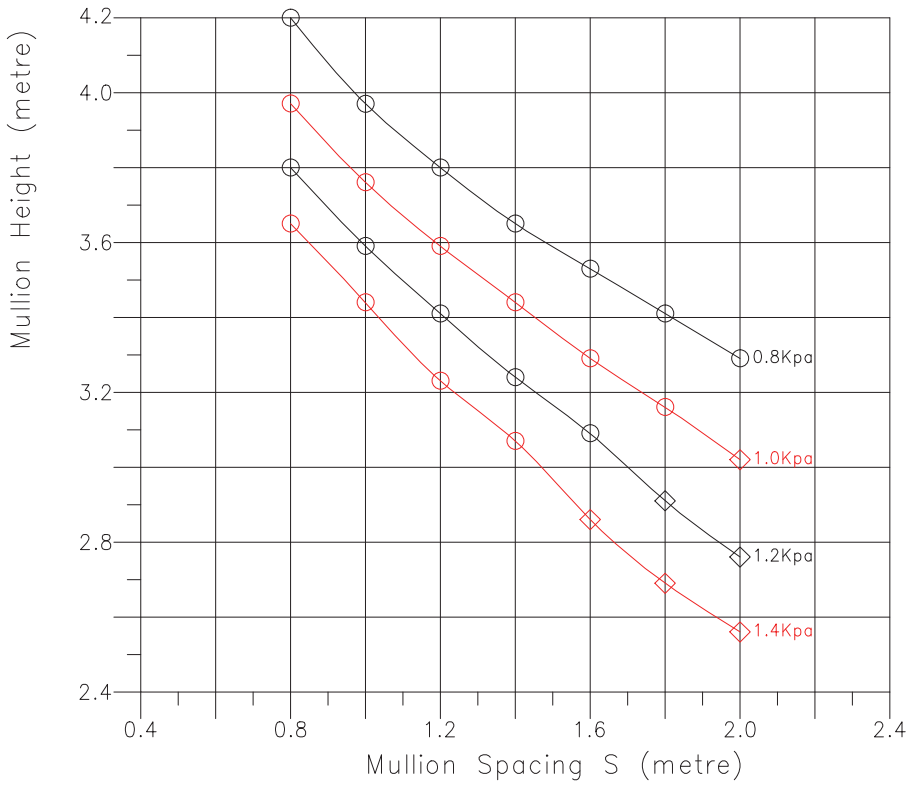


Note:
Suffix xx is axis perpendicular to wind load

Mod. of Elasticity : 70 x 10^9 n/m^2
Deflection Limit : $^{Span}/_{175}$ up to max. 20mm.
Perm. Bend. Stress (within slenderness limit) : 1.25 x 67 Mpa.
Nature of Anchor : Simply Supported at Both Ends.

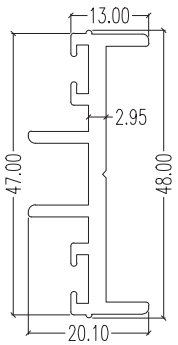
Typical Configuration of curtain wall :



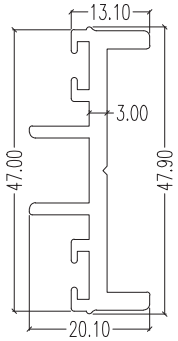


Legend:
◯ *deflection limit governs*
◇ *permissable bending stress governs*

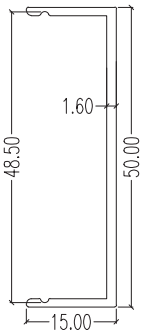
Note: This windload chart is solely for references only



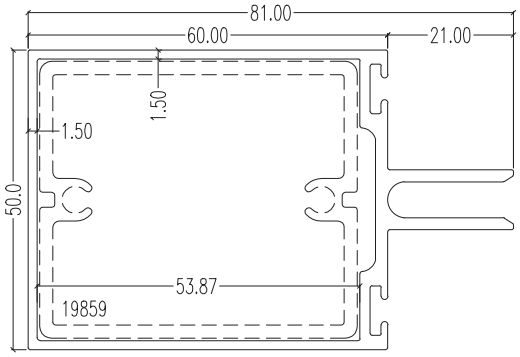
18856
LW : 0.640 kg/m
AP : 203.99 mm



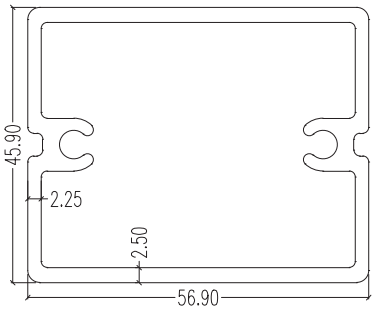
18849
LW : 0.687 kg/m
AP : 204.34 mm



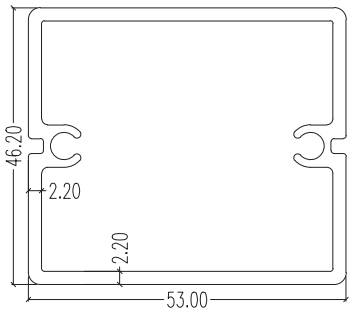
18848
LW : 0.314 kg/m
AP : 156.70 mm



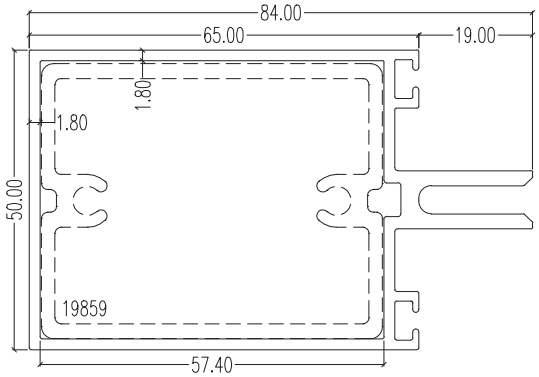
19844
LW : 1.236 kg/m
AP : 326.04 mm
Ixx : 14.4 cm⁴
Iyy : 30.0 cm⁴



19859 (Bracket)
LW : 1.495 kg/m
AP : 208.73 mm

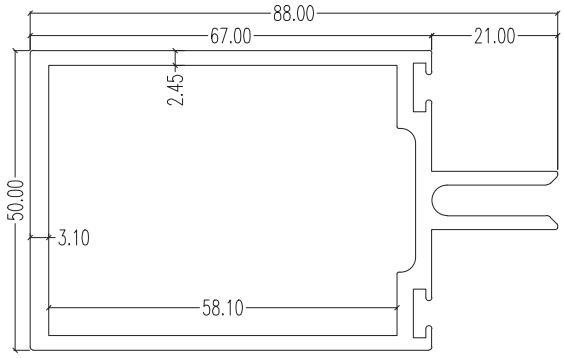


48867 (Bracket)
LW : 1.233 kg/m
AP : 203.25 mm

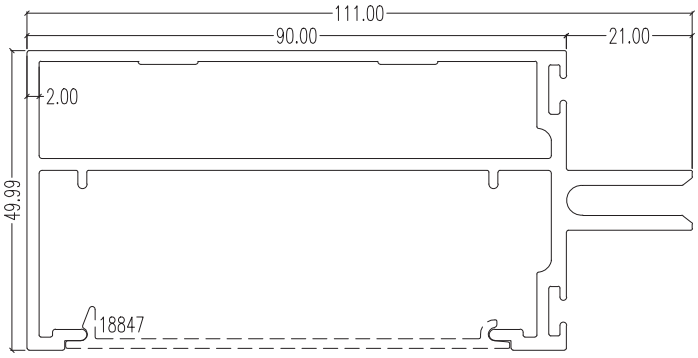


19858
LW : 1.458 kg/m
AP : 345.30 mm
Ixx : 17.3 cm⁴
Iyy : 39.3 cm⁴

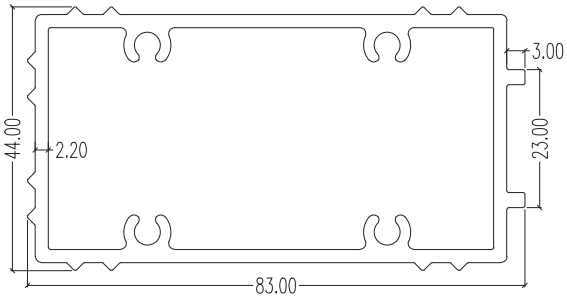
Scale 0.8 : 1



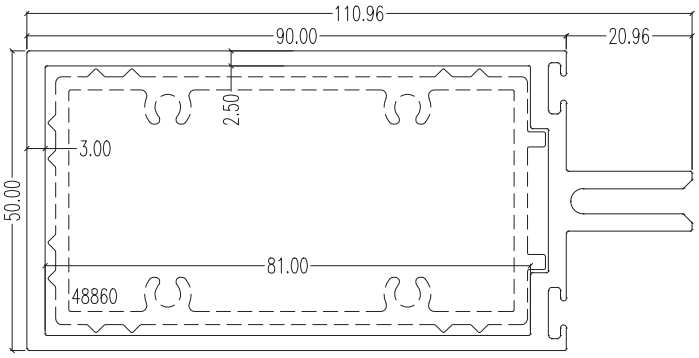
18855
LW : 1.933 kg/m
AP : 338.89 mm
Ixx : 23.7 cm⁴
Iyy : 56.8 cm⁴



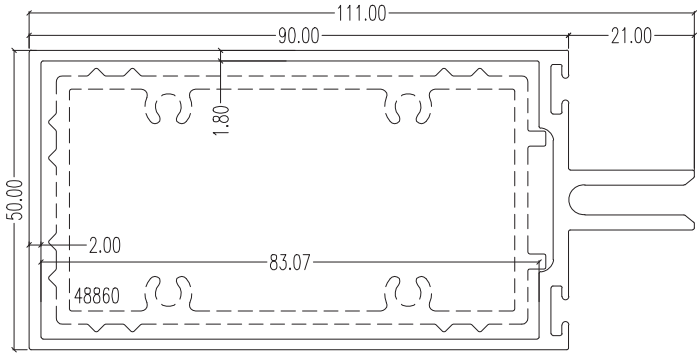
19895
LW : 1.991 kg/m
AP : 493.95 mm



48860(Bracket)
LW : 1.752 kg/m
AP : 261.76 mm

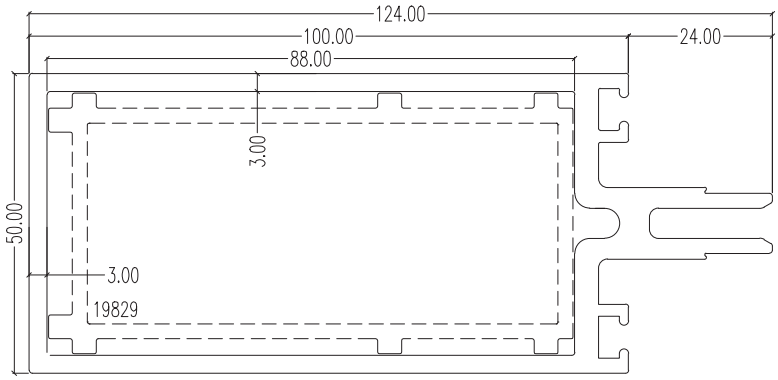


19861
LW : 2.347 kg/m
AP : 384.43 mm
Ixx : 30.60 cm⁴
Iyy : 115.30 cm⁴

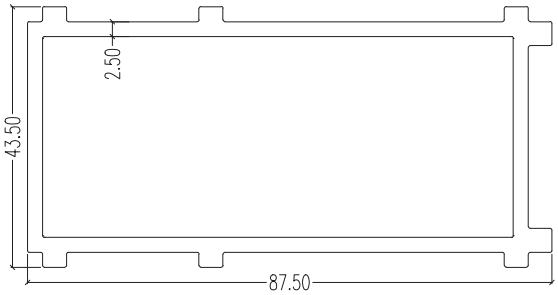


19845
LW : 1.782 kg/m
AP : 386.25 mm
Ixx : 23.2 cm⁴
Iyy : 88.4 cm⁴

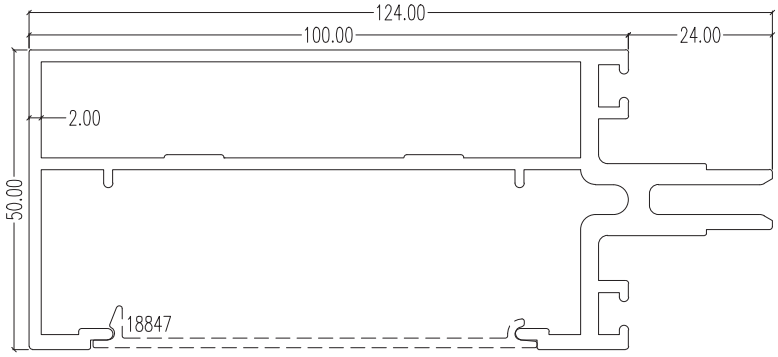
Scale 0.8 : 1



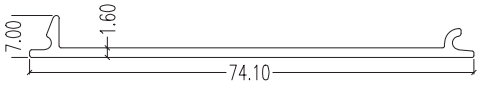
19823
LW : 3.029 kg/m
AP : 432.24 mm
Ixx : 38.9 cm⁴
Iyy : 168.6 cm⁴



19829 (Bracket)
LW : 1.836 kg/m
AP : 285.83 mm

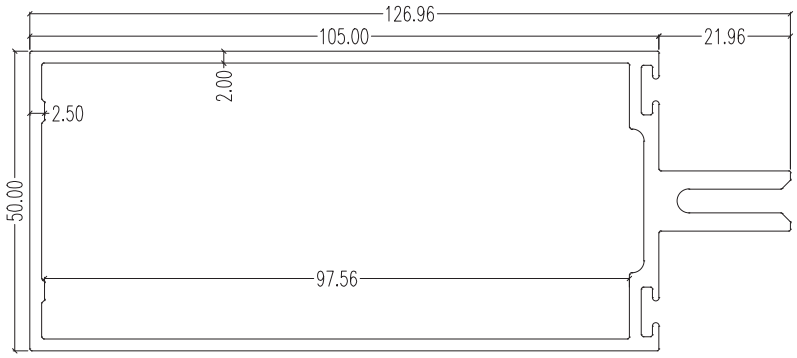


18846
LW : 2.497 kg/m
AP : 562.36 mm

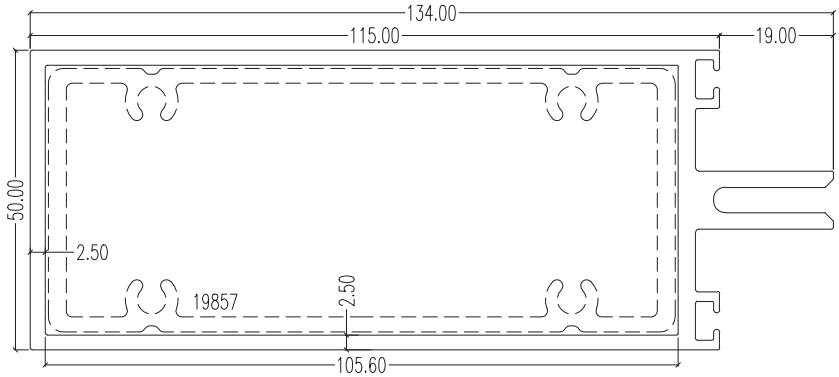


18847
LW : 0.351 kg/m
AP : 167.52 mm

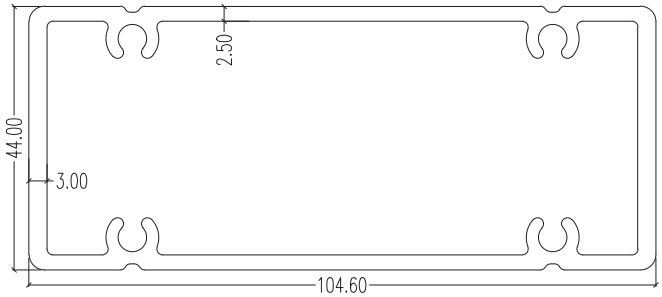
Scale 0.8 : 1



48865
LW : 2.144 kg/m
AP : 414.47 mm
Ixx : 28.48 cm⁴
Iyy : 139.33 cm⁴

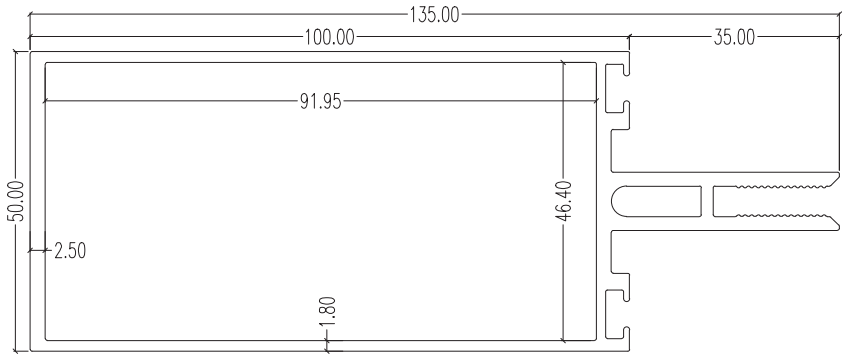


19856
LW : 2.630 kg/m
AP : 447.49 mm
Ixx : 37.0 cm⁴
Iyy : 185.1 cm⁴

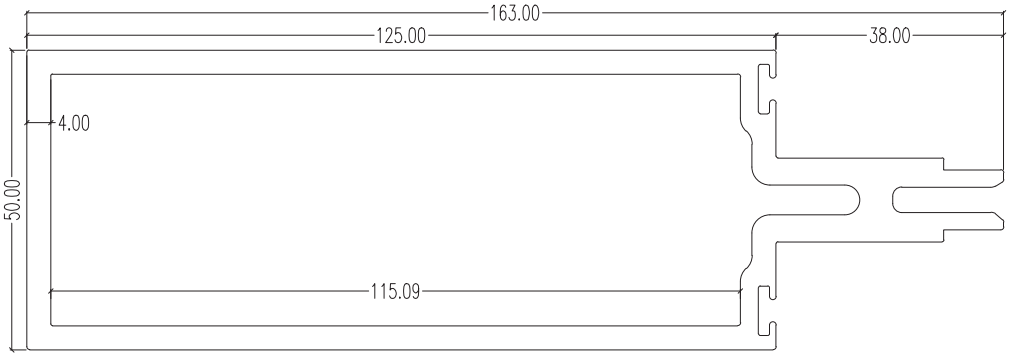


19857 (Bracket)
LW : 2.329 kg/m
AP : 295.68 mm

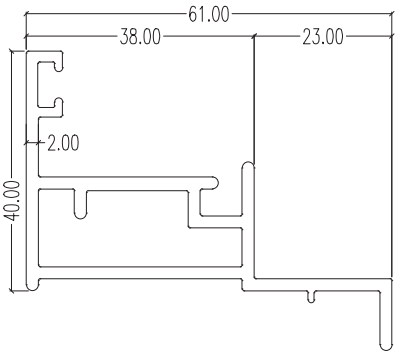
Scale 0.8 : 1



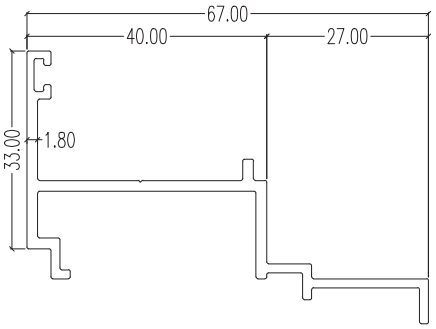
19828
LW : 2.152 kg/m
AP : 455.05 mm
Ixx : 25.5 cm⁴
Iyy : 148.4 cm⁴



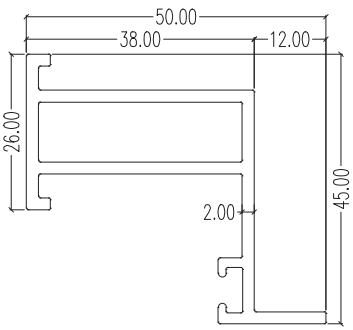
19898
LW : 4.491 kg/m
AP : 485.44 mm
Ixx : 58.30 cm⁴
Iyy : 426.06 cm⁴



19840
LW : 1.019 kg/m
AP : 269.01 mm



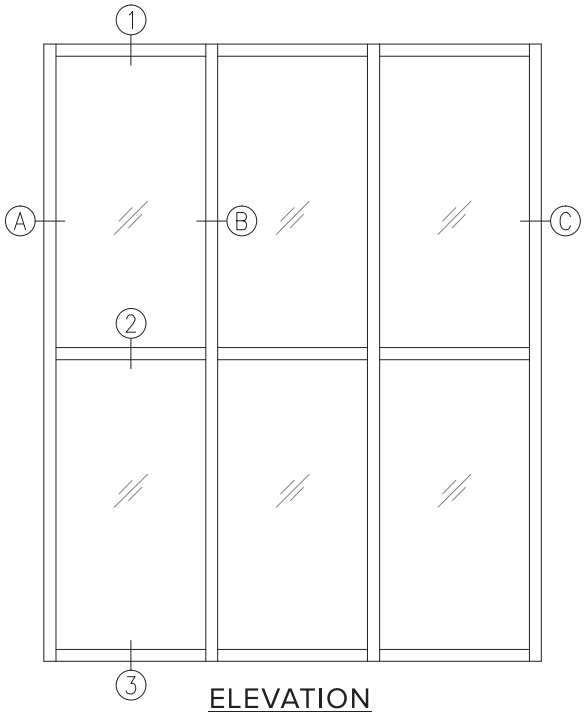
19879
LW : 0.647 kg/m
AP : 287.51 mm



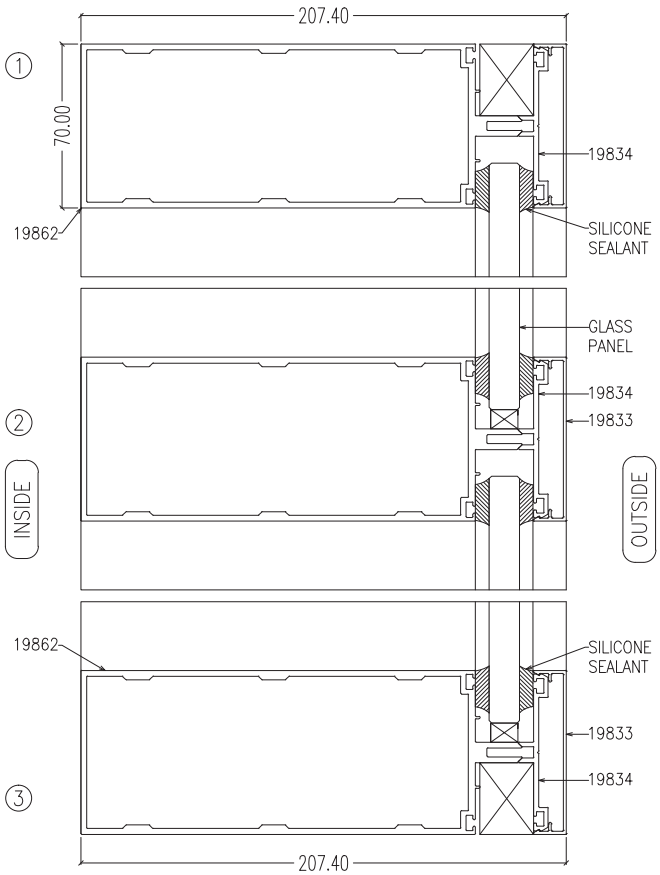
19841
LW : 0.854 kg/m
AP : 228.61 mm

Scale 0.8 : 1

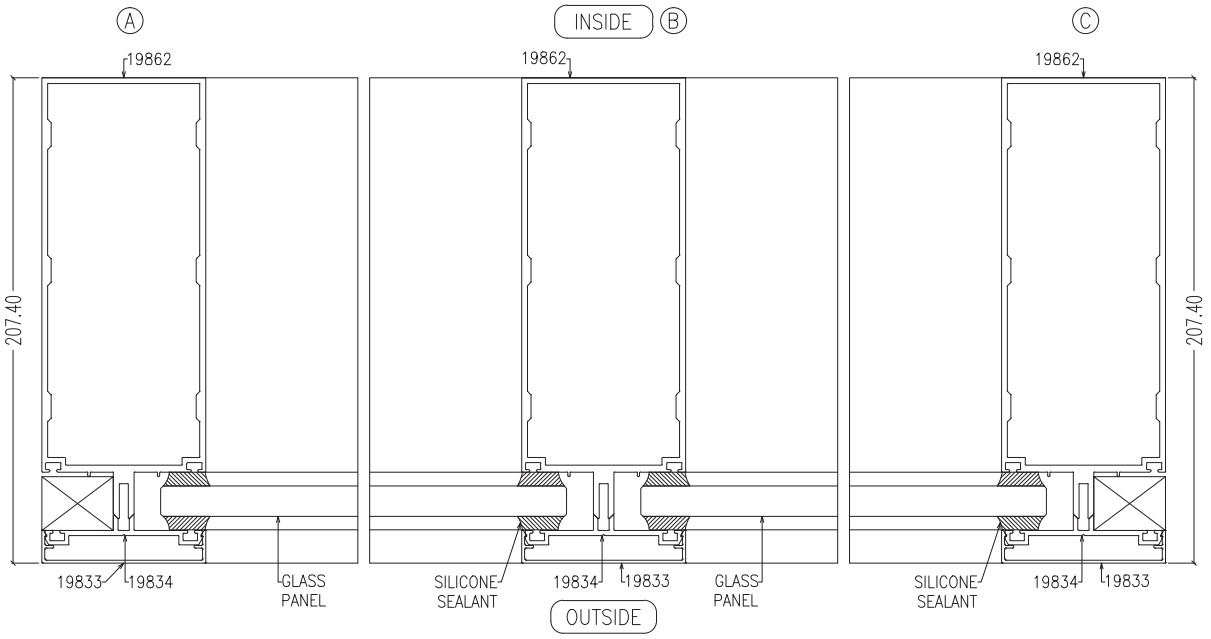
TYPICAL ASSEMBLY SECTIONAL DETAILS



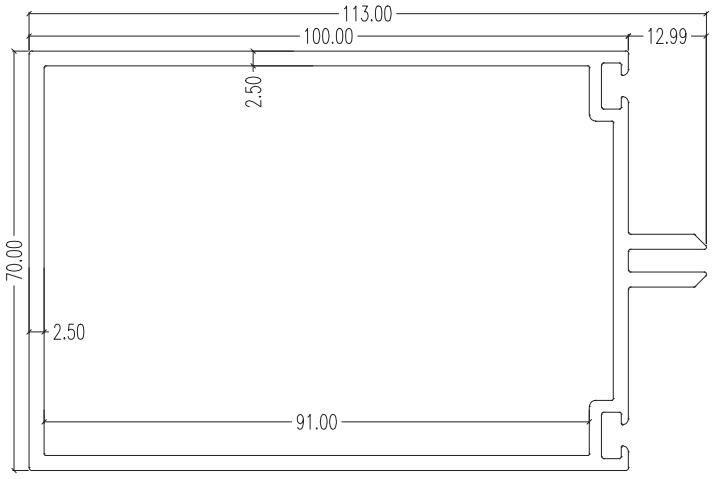
ELEVATION



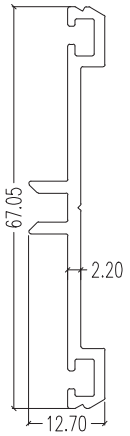
VERTICAL SECTIONS



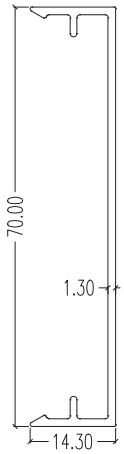
HORIZONTAL SECTIONS



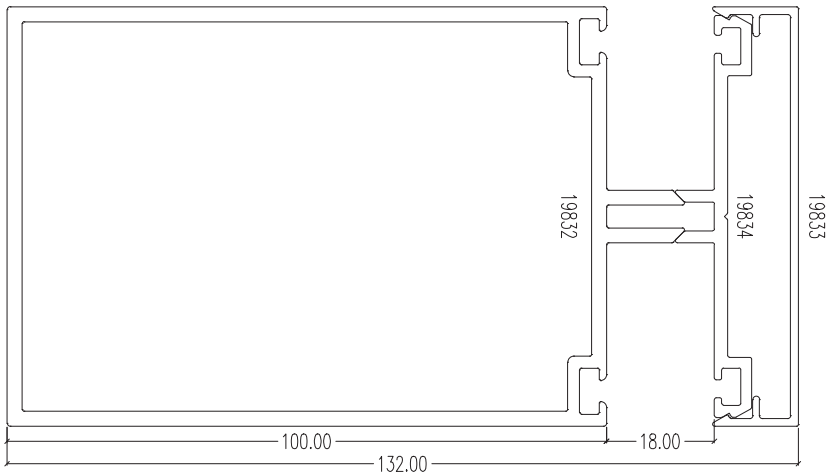
19832
LW : 2.439 kg/m
AP : 419.63 mm
Ixx : 69.10 cm⁴
Iyy : 138.10 cm⁴



19834
LW : 0.540 kg/m
AP : 204.64 mm

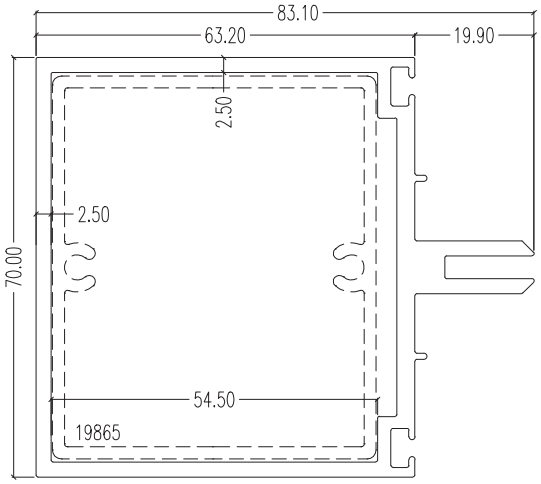


19833
LW : 0.361 kg/m
AP : 206.13 mm

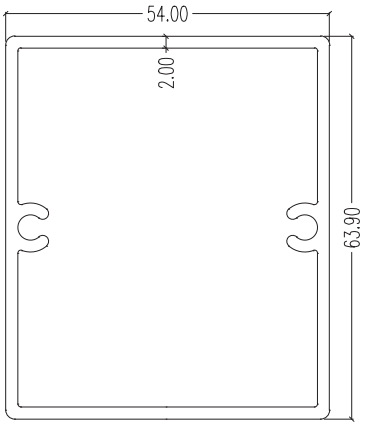


Assembly detail

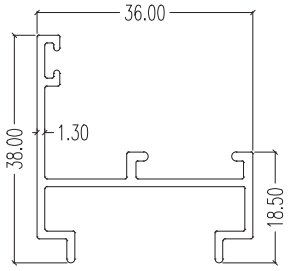
Scale 0.8 : 1



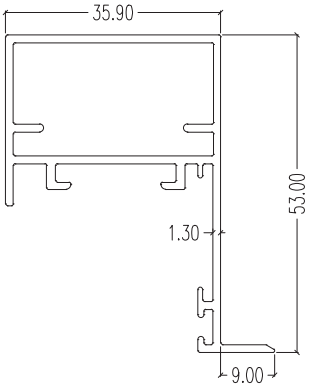
19864
LW : 2.158 kg/m
AP : 366.95 mm
Ixx : 48.72 cm⁴
Iyy : 57.94 cm⁴



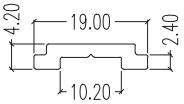
19865 (Bracket)
LW : 1.350 kg/m
AP : 233.22 mm



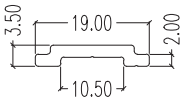
19866
LW : 0.412 kg/m
AP : 228.19 mm



19867
LW : 0.668 kg/m
AP : 255.85 mm



6987
LW : 0.140 kg/m
AP : 49.24 mm
(For Anodised Finish Only)

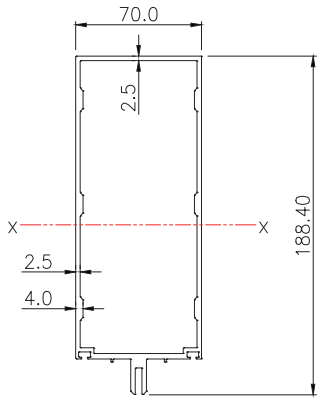


6219
LW : 0.117 kg/m
AP : 45.58 mm
(For Powder Coated Finish Only)

Scale 0.8 : 1

WIND LOAD CHART

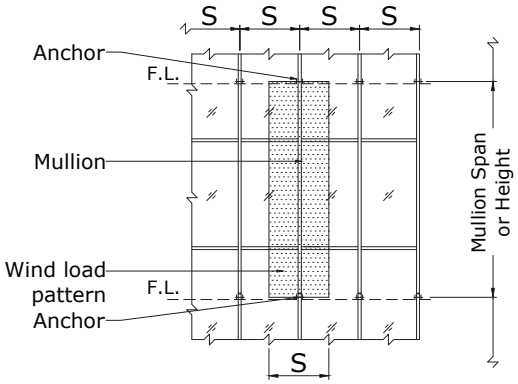
MULLION SECTION NO. : 19862
Aluminium Alloy : 6063-T5
Moment of Inertia Ixx : 557.0 cm^4
Mod. of Inertia Zxx : 58.9 cm^3

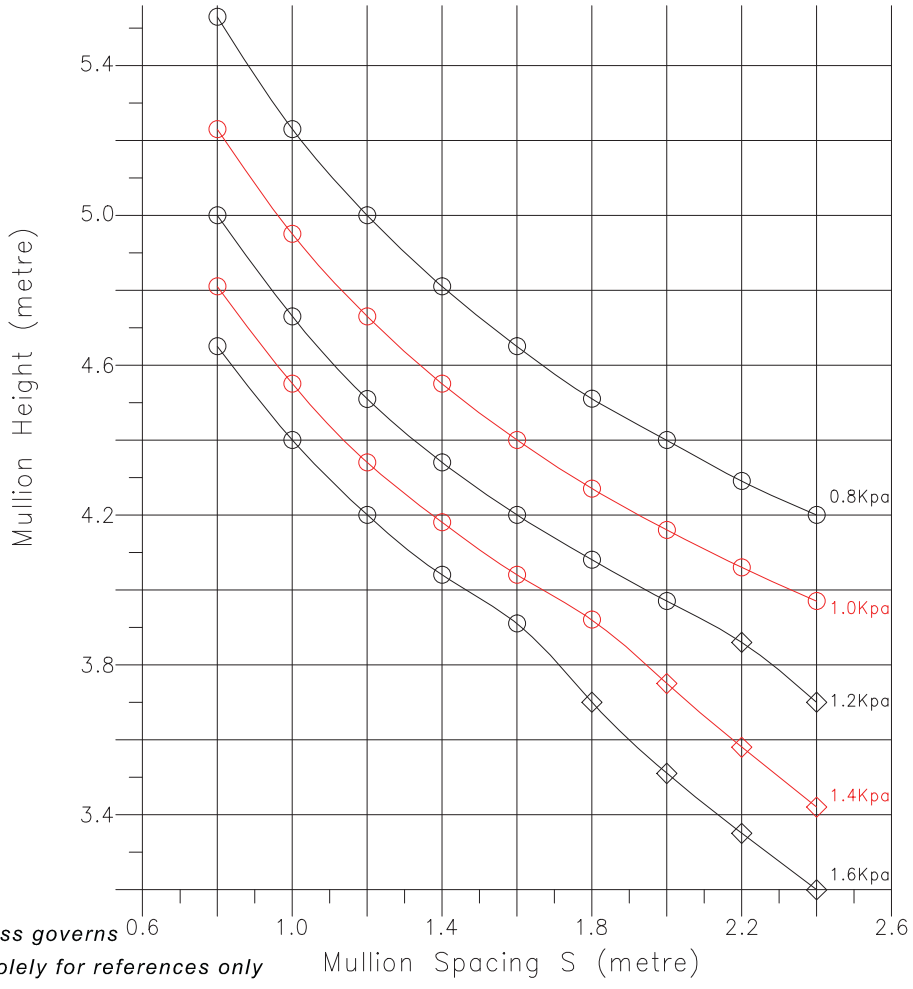


Note:
Suffix xx is axis perpendicular to wind load

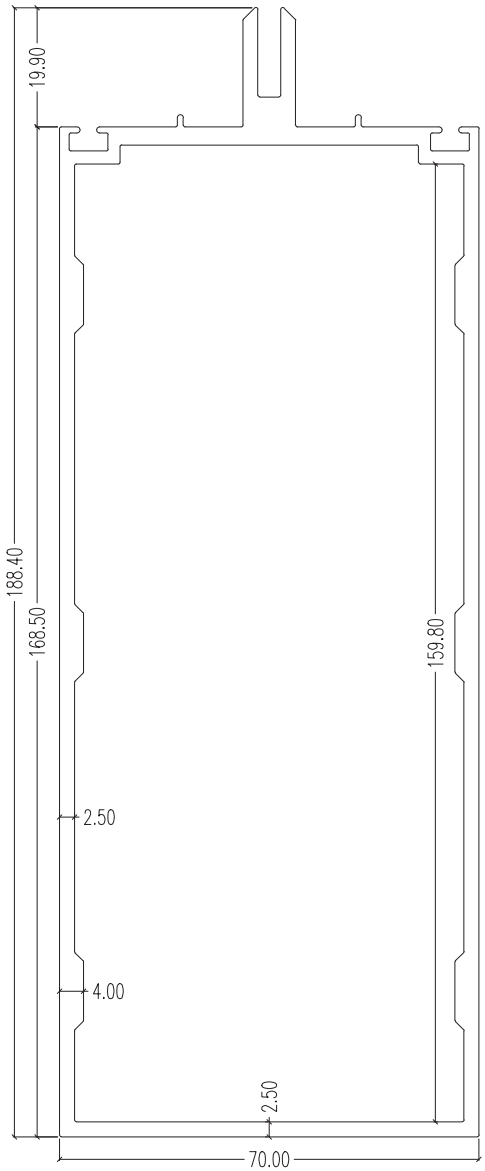
Mod. of Elasticity : 70 x 10^9 n/m^2
Deflection Limit : $^{Span}/_{175}$ up to max. 20mm.
Perm. Bend. Stress (within slenderness limit) : 1.25 x 67 Mpa.
Nature of Anchor : Simply Supported at Both Ends.

Typical Configuration of curtain wall :

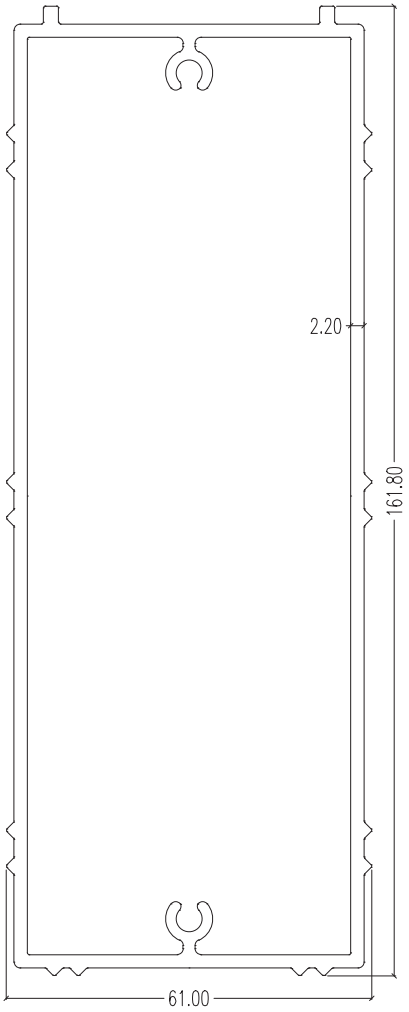




Legend:
◯ *deflection limit governs*
◇ *permissable bending stress governs*
Note: This windload chart is solely for references only

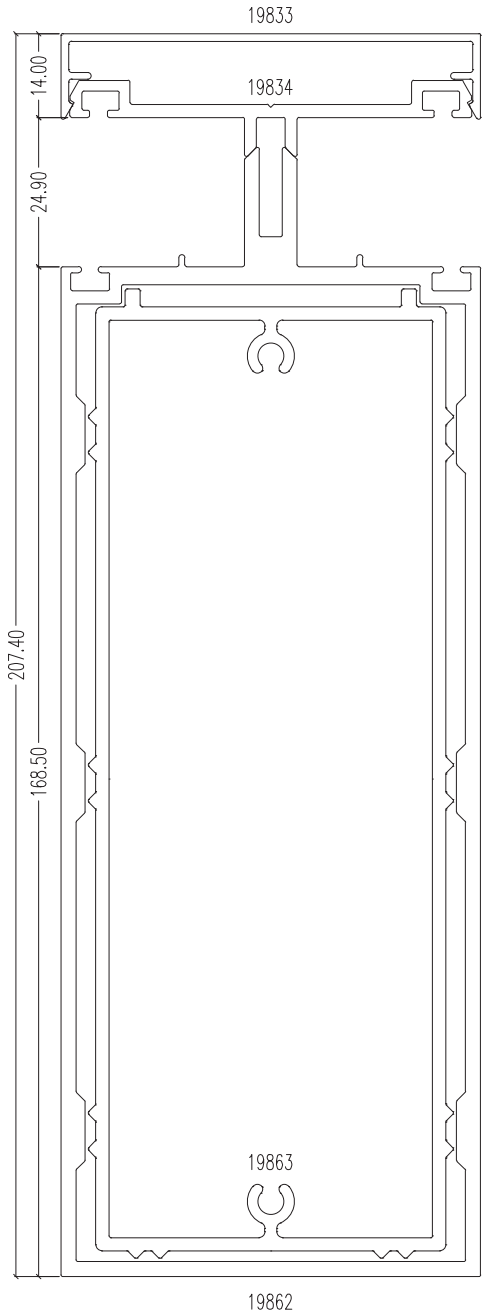


19862
LW : 3.867 kg/m
AP : 577.55 mm
Ixx : 557.40 cm⁴
Iyy : 119.20 cm⁴



19863 (Bracket)
LW : 2.822 kg/m
AP : 457.46 mm

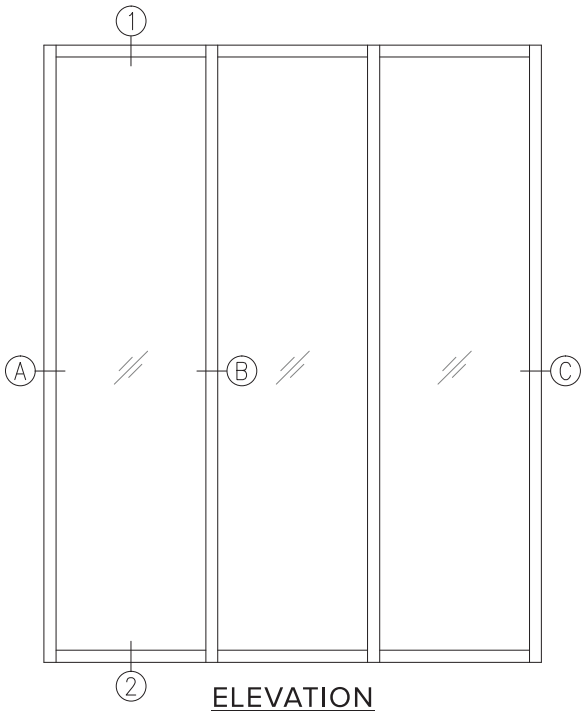
Scale 0.8 : 1



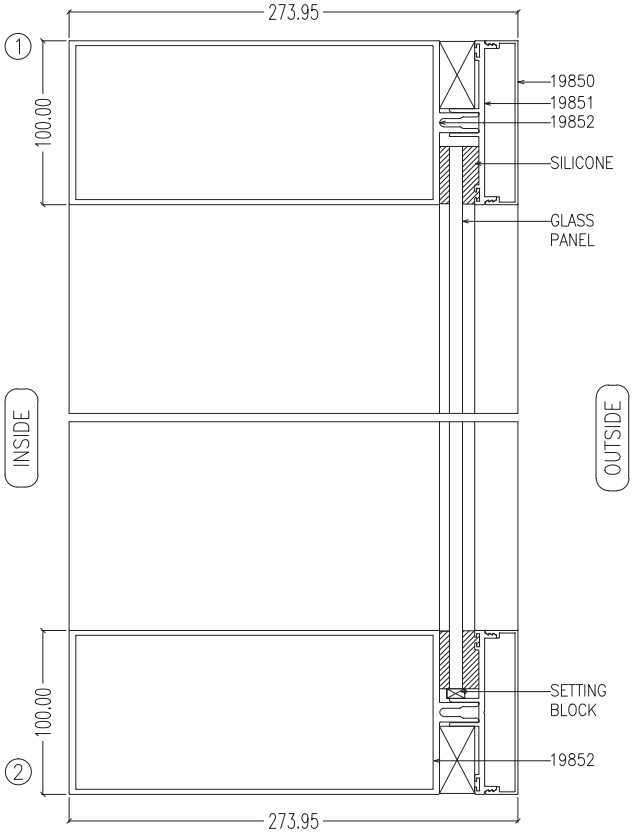
ASSEMBLY DETAILS

Scale 0.8 : 1

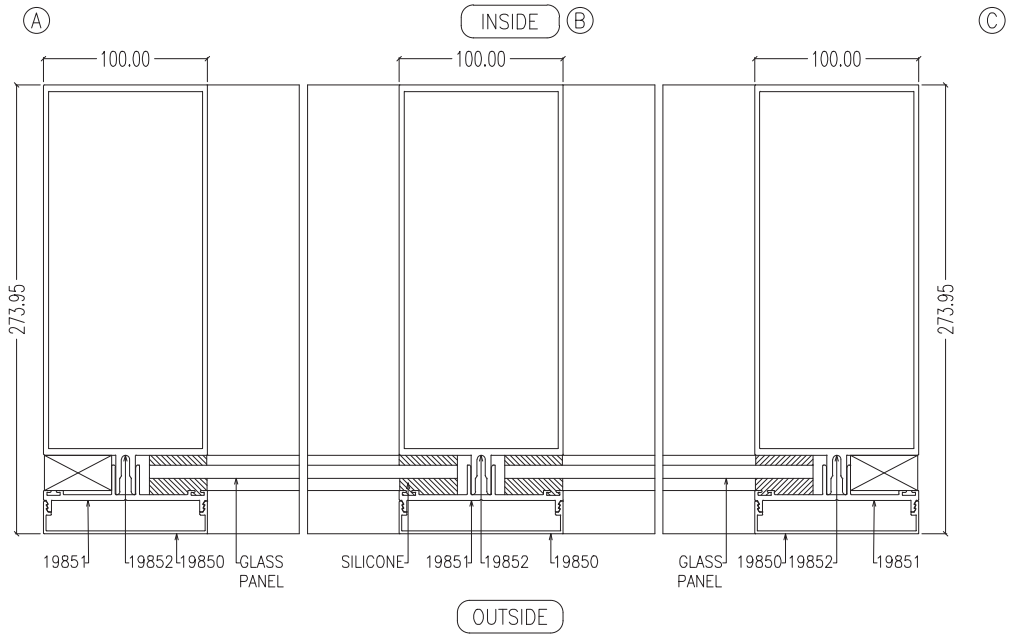
TYPICAL ASSEMBLY SECTIONAL DETAILS



ELEVATION



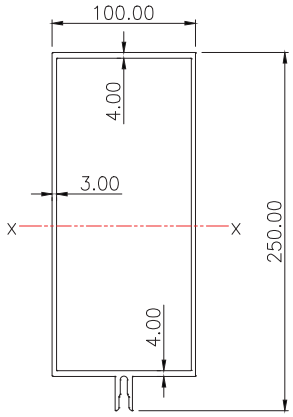
VERTICAL SECTIONS



HORIZONTAL SECTIONS

WIND LOAD CHART

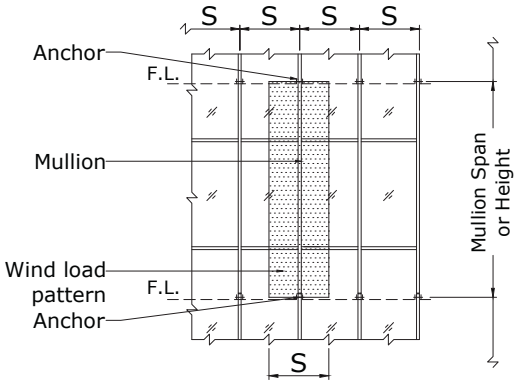
MULLION SECTION NO. : 19852
Aluminium Alloy : 6063-T5
Moment of Inertia Ixx : 1715 cm^4
Mod. of Inertia Zxx : 133 cm^3

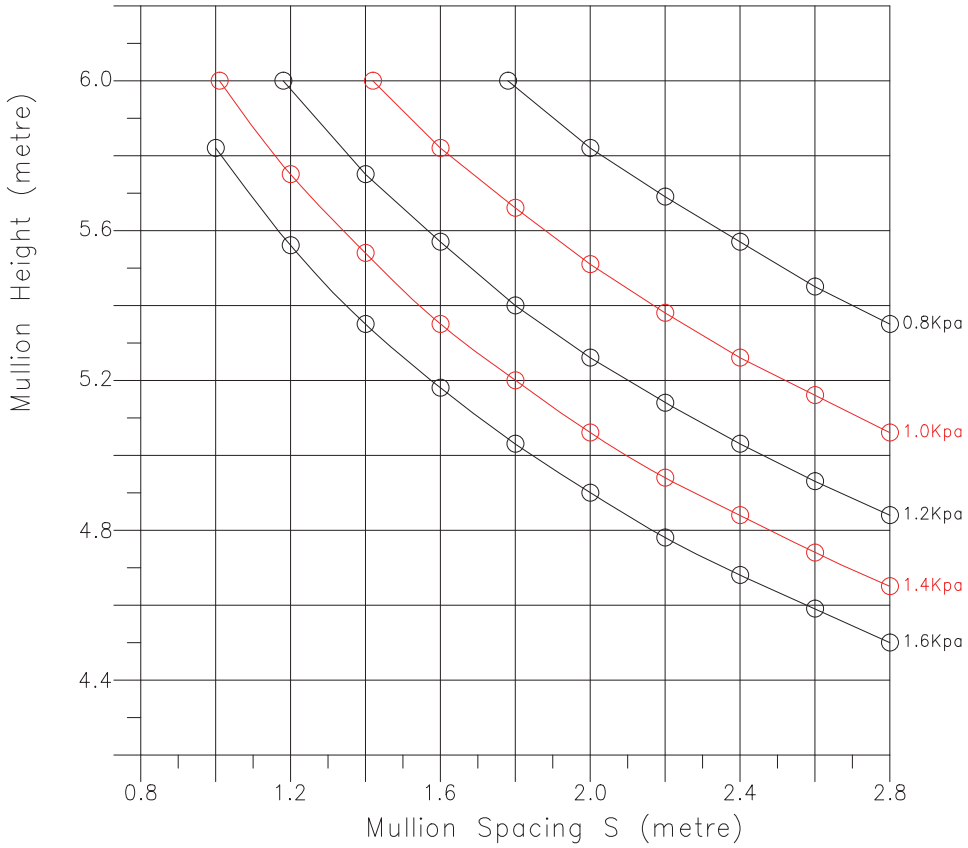


Note:
Suffix xx is axis perpendicular to wind load

Mod. of Elasticity : 70 x 10^9 n/m^2
Deflection Limit : $^{Span}/_{175}$ up to max. 20mm.
Perm. Bend. Stress (within slenderness limit) : 1.25 x 67 Mpa.
Nature of Anchor : Simply Supported at Both Ends.

Typical Configuration of curtain wall :

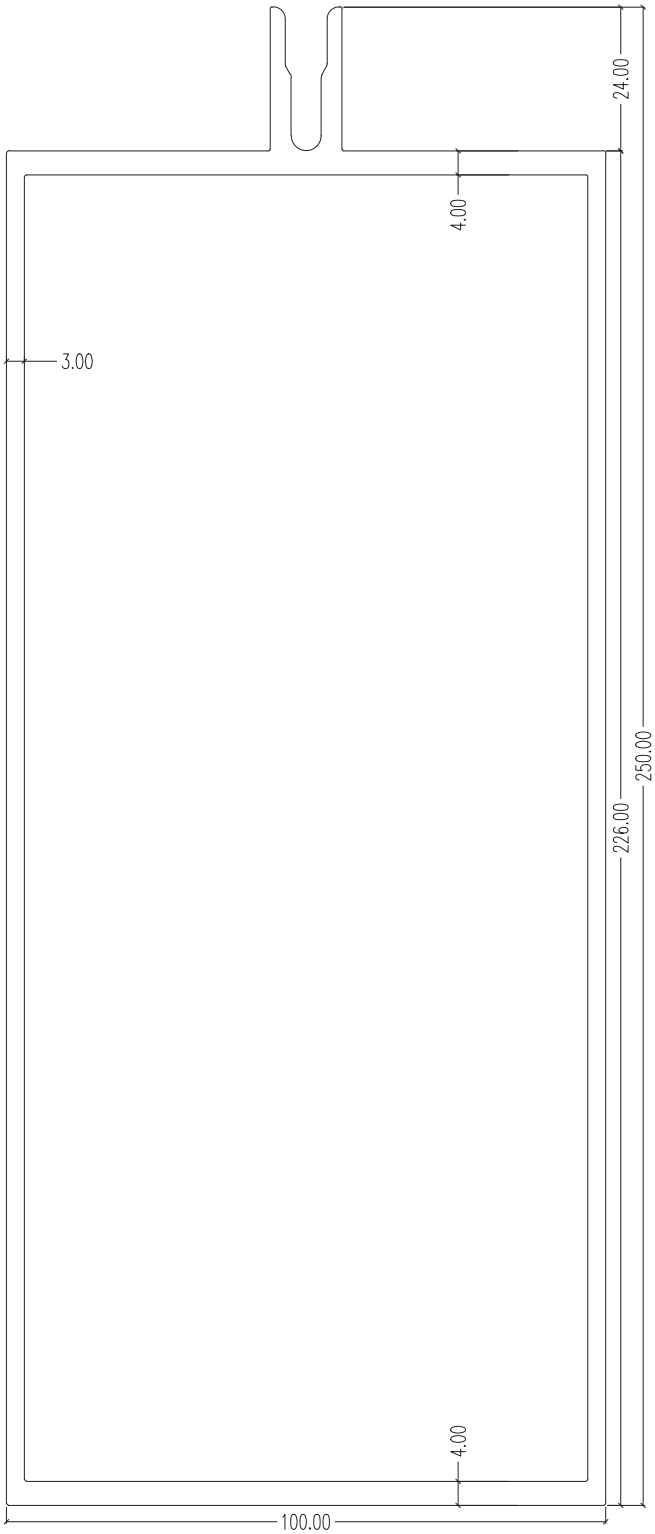




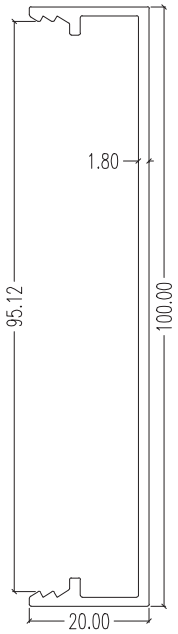
Legend:
◯ *deflection limit governs*
◇ *permissable bending stress governs*

Note: This windload chart is solely for references only

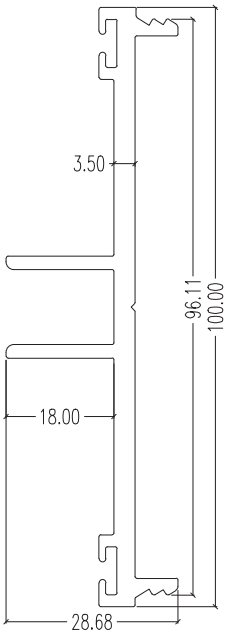
CURTAINWALL-STICKWALL
CTW11



19852
LW : 6.119 kg/m
AP : 741.41 mm
Ixx : 1715.7 cm⁴
Iyy : 374.7 cm⁴



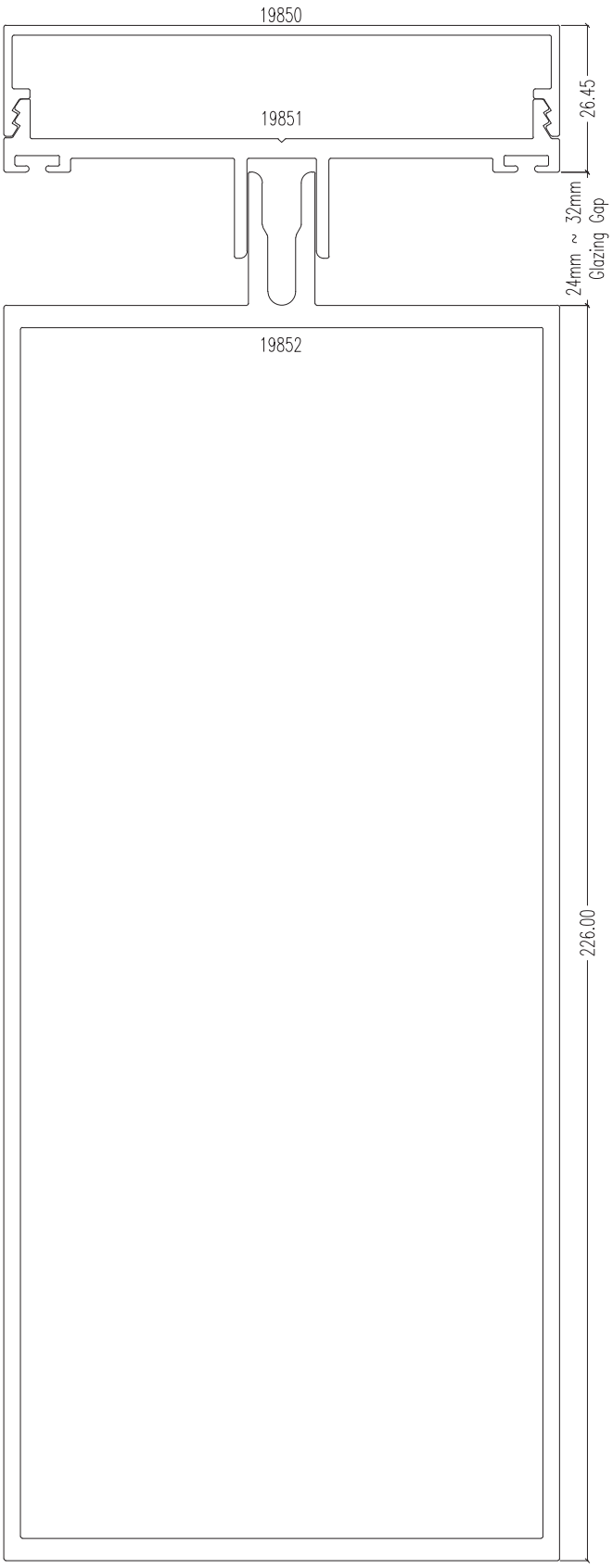
19850
LW : 0.688 kg/m
AP : 288.78 mm



19851
LW : 1.323 kg/m
AP : 344.73 mm

Scale 0.8 : 1

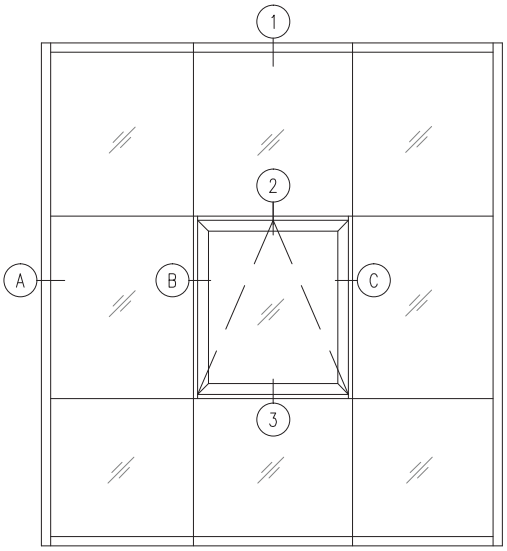
CURTAINWALL-STICKWALL
CTW11



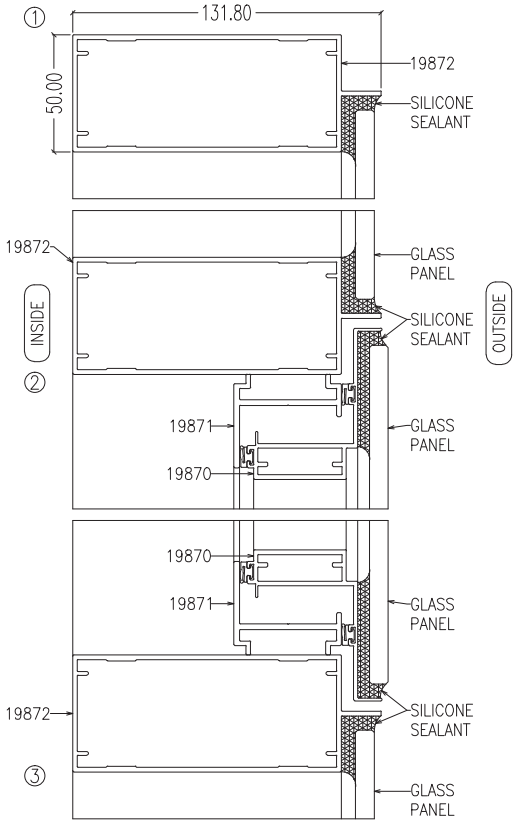
ASSEMBLY DETAILS

Scale 0.8 : 1

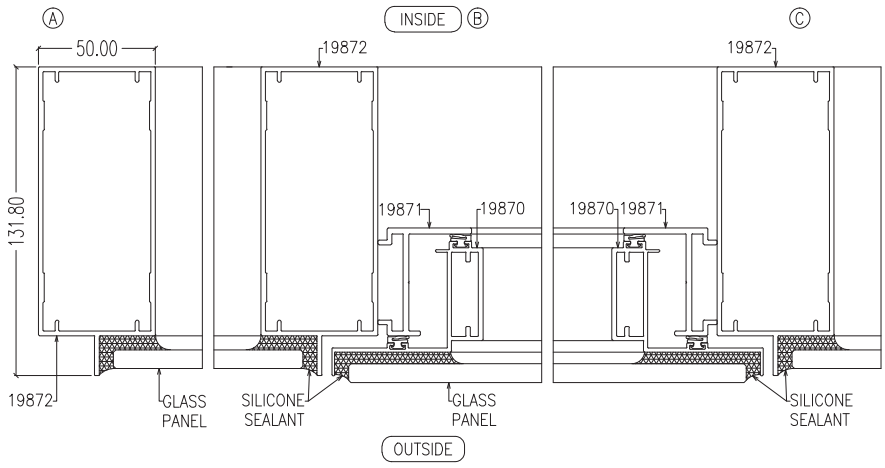
TYPICAL ASSEMBLY SECTIONAL DETAILS



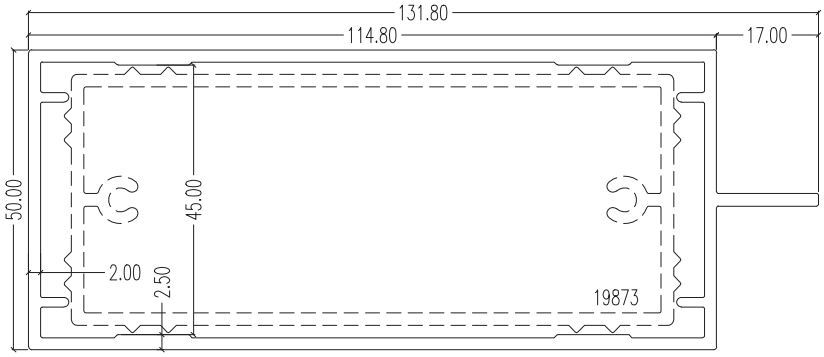
ELEVATION



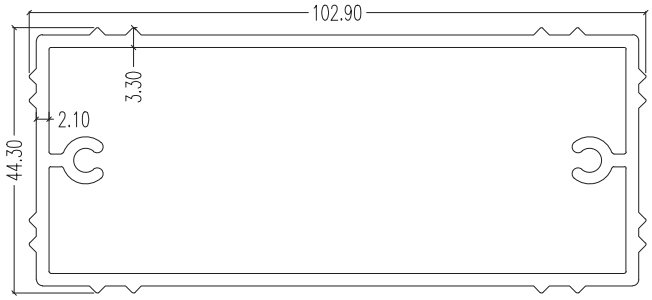
VERTICAL SECTIONS



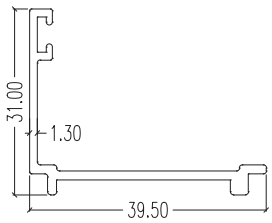
HORIZONTAL SECTIONS



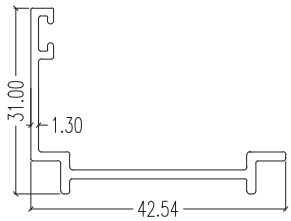
19872
LW : 1.988 kg/m
AP : 362.23 mm
Ixx : 31.85 cm⁴
Iyy : 135.38 cm⁴



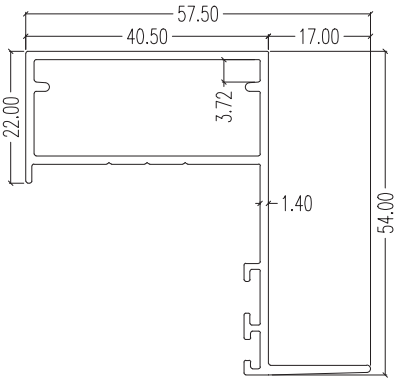
19873 (Bracket)
LW : 1.834 kg/m
AP : 298.58 mm



8858
LW : 0.315 kg/m
AP : 159.28 mm



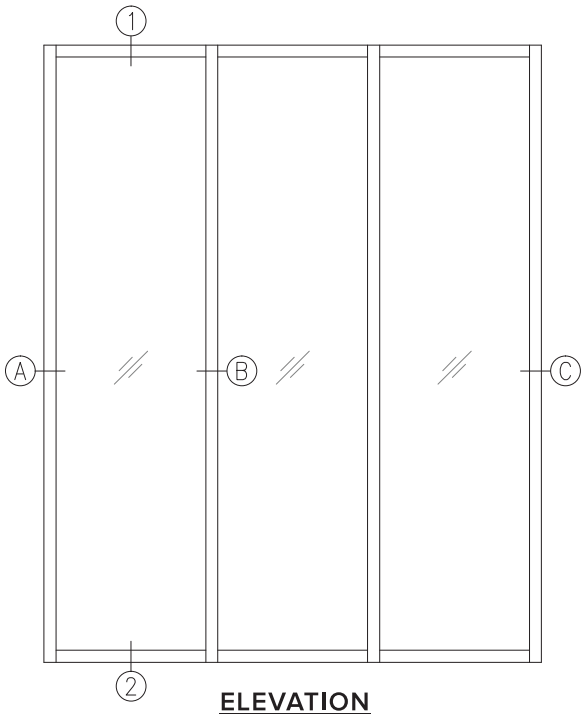
48828
LW : 0.327 kg/m
AP : 168.46 mm



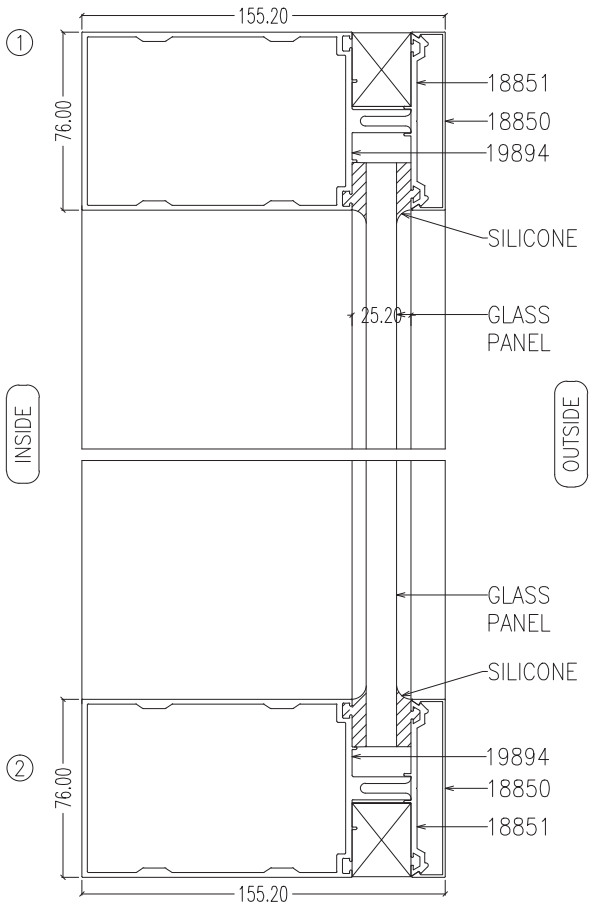
48864
LW : 0.695 kg/m
AP : 255.51 mm

Scale 0.8 : 1

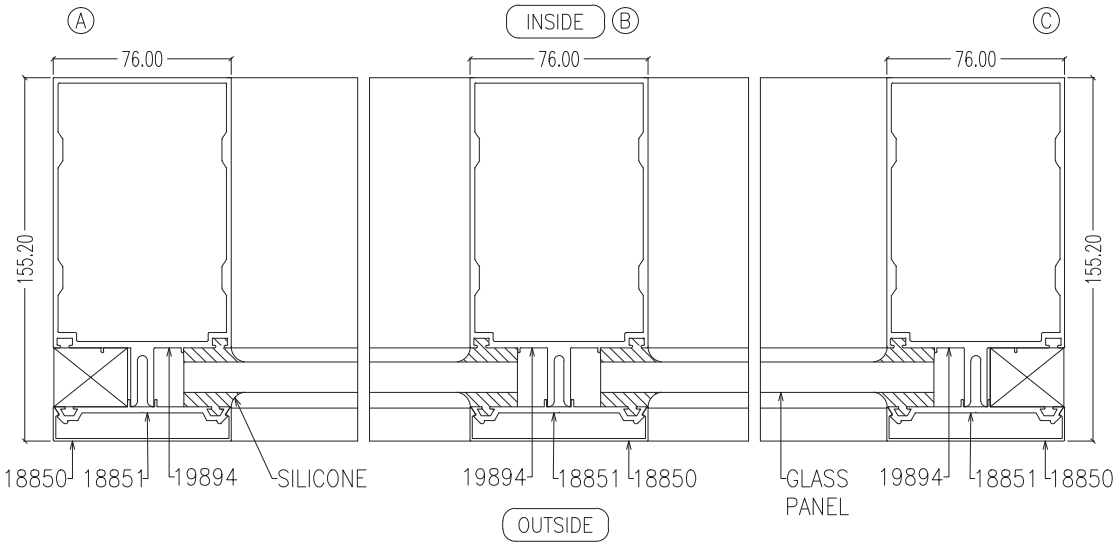
TYPICAL ASSEMBLY SECTIONAL DETAILS



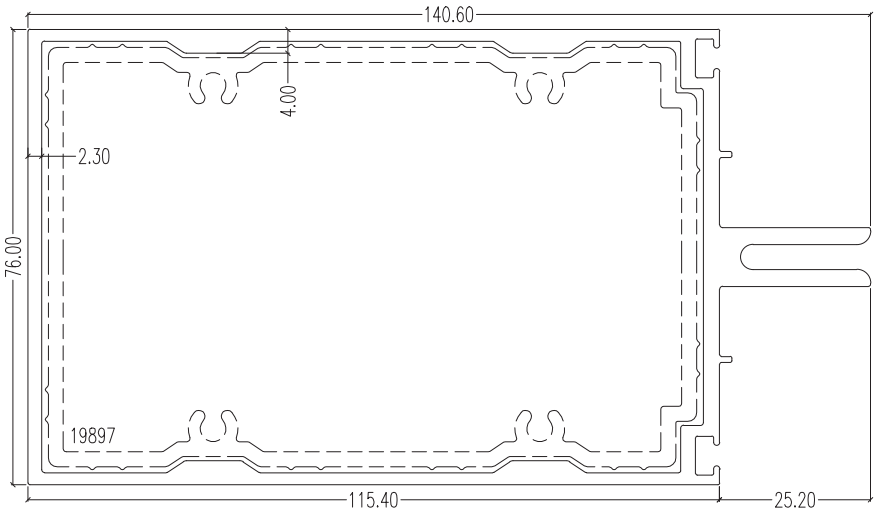
ELEVATION



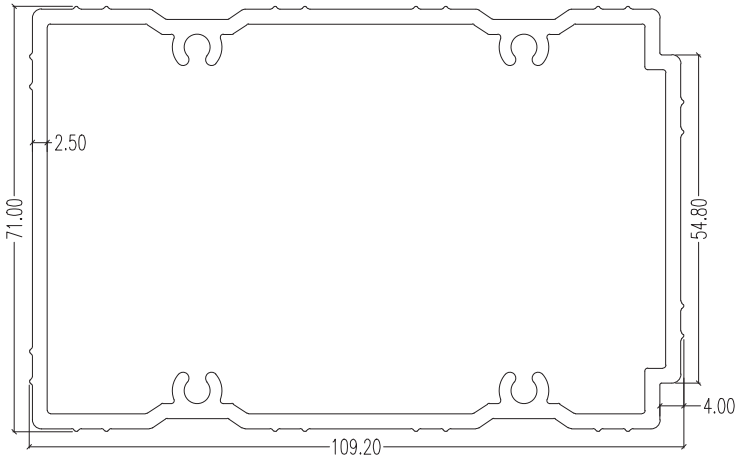
VERTICAL SECTIONS



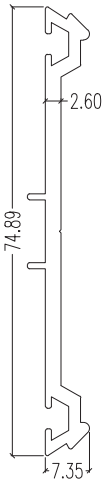
HORIZONTAL SECTIONS



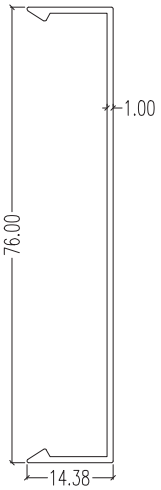
19894
LW : 2.971 kg/m
AP : 504.24 mm



19897 (Bracket)
LW : 2.636 kg/m
AP : 364.48 mm



18851
LW : 0.636 kg/m
AP : 202.94 mm



18850
LW : 0.300 kg/m
AP : 208.39 mm

Scale 0.8 : 1

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