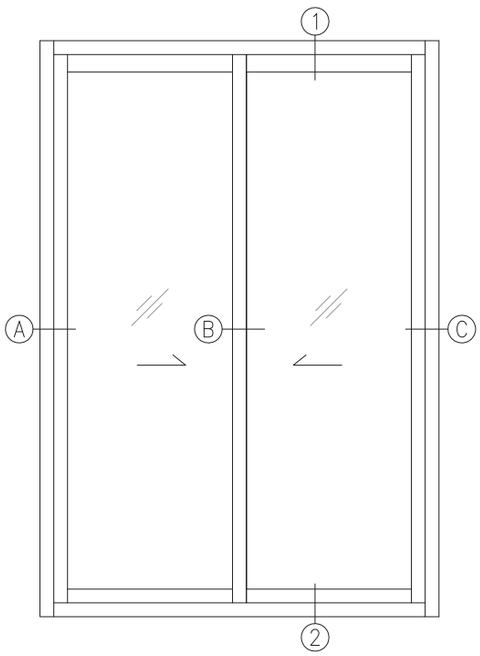
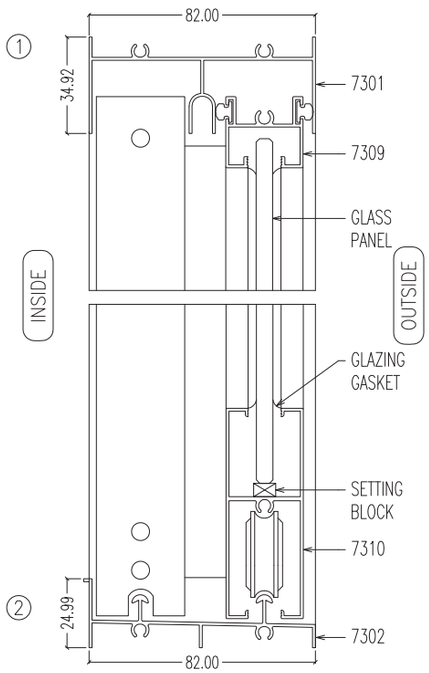
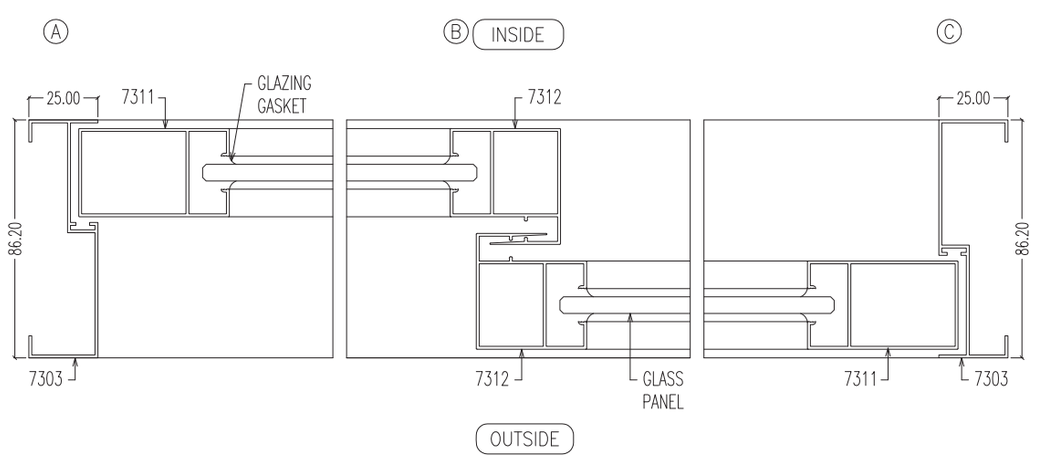
TYPICAL ASSEMBLY SECTIONAL DETAILS



ELEVATION



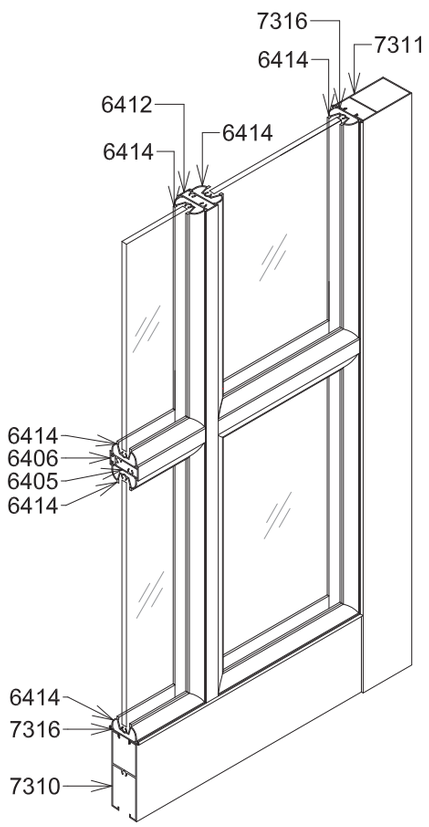
VERTICAL SECTIONS



HORIZONTAL SECTIONS

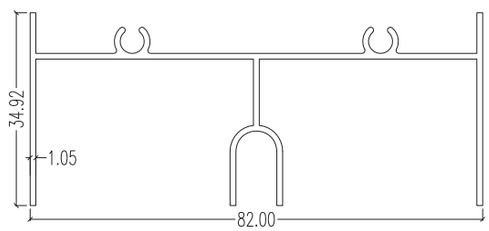
All design are properties of LB Aluminium Berhad

TYPICAL ISOMETRIC CUT-OUT VIEWS

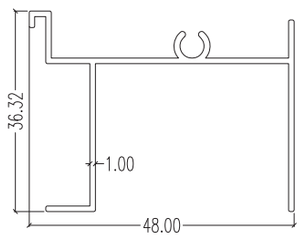


Adaptor
Profile 7316

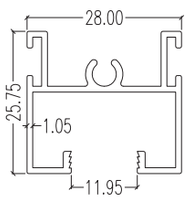
All design are properties of LB Aluminium Berhad



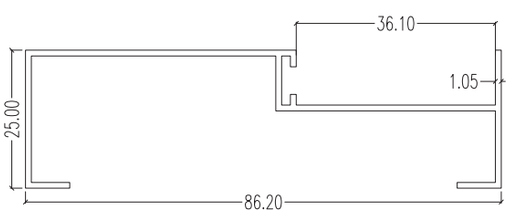
7301 (Top Outer)
LW : 0.618 kg/m
AP : 428.48 mm



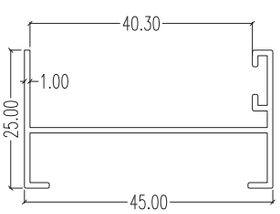
7305 (Top Outer)
LW : 0.376 kg/m
AP : 273.83 mm



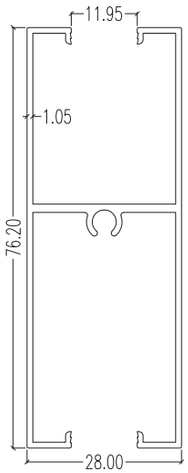
7309 (Top Inner)
LW : 0.352 kg/m
AP : 241.28 mm



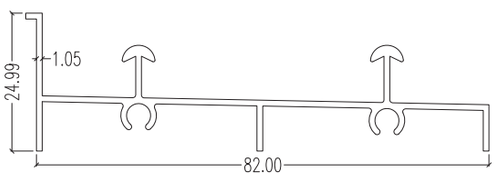
7303 (Side Outer)
LW : 0.468 kg/m
AP : 329.17 mm



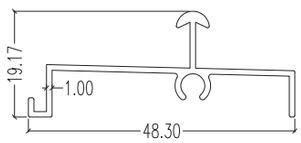
7307 (Side Outer)
LW : 0.296 kg/m
AP : 219.13 mm



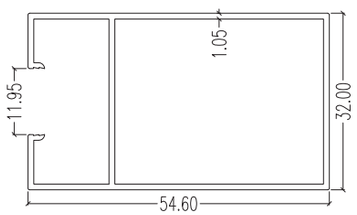
7310 (Bottom Inner)
LW : 0.662 kg/m
AP : 445.84 mm



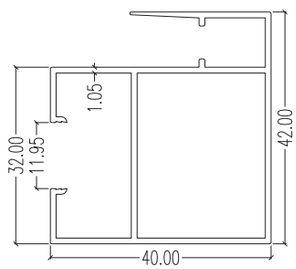
7302 (Bottom Outer)
LW : 0.519 kg/m
AP : 341.91 mm



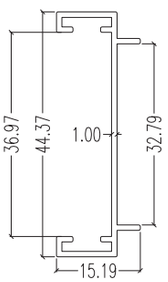
7306 (Bottom Outer)
LW : 0.264 kg/m
AP : 182.33 mm



7311 (Side Inner)
LW : 0.541 kg/m
AP : 237.47 mm

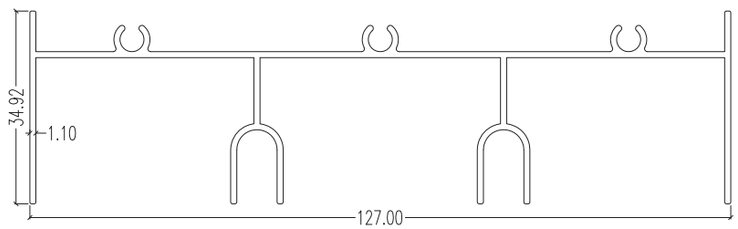


7312 (Interlock)
LW : 0.555 kg/m
AP : 282.10 mm

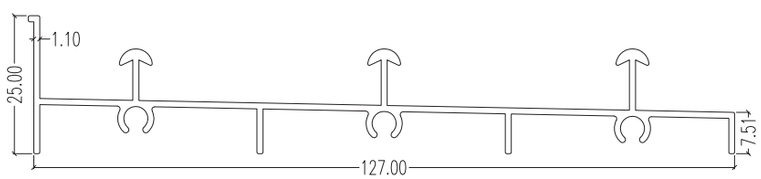


7313 (Mid-Joint)
LW : 0.233 kg/m
AP : 171.98 mm

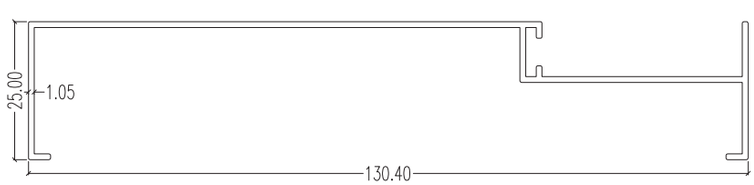
All design are properties of LB Aluminium Berhad



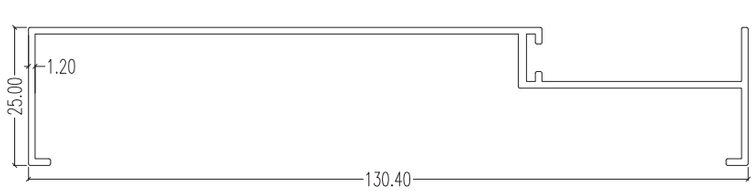
7317 (Top Outer)
LW : 0.945 kg/m
AP : 621.61 mm



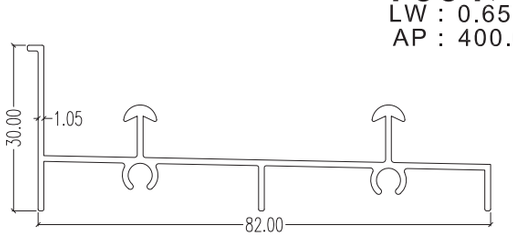
7318 (Bottom Outer)
LW : 0.777 kg/m
AP : 490.84 mm



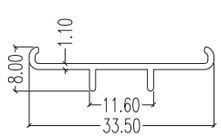
7314 (Side Outer)
LW : 0.572 kg/m
AP : 402.17 mm



7354 (Side Outer)
LW : 0.657 kg/m
AP : 400.07 mm

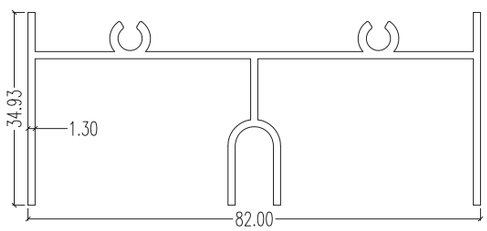


5112 (Bottom Outer)
LW : 0.533 kg/m
AP : 350.83 mm

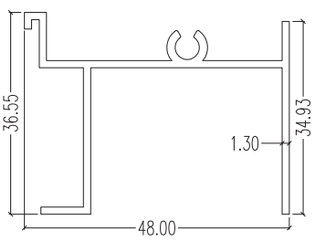


7316 (Capping)
LW : 0.138 kg/m
AP : 93.81 mm

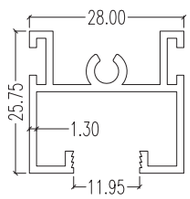
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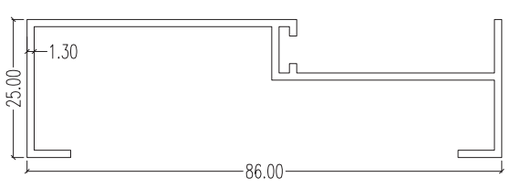
7331 (Top Outer)
LW : 0.784 kg/m
AP : 434.51 mm



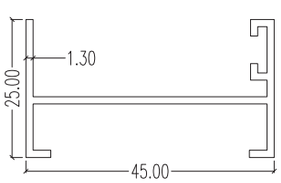
7335 (Top Outer)
LW : 0.507 kg/m
AP : 275.84 mm



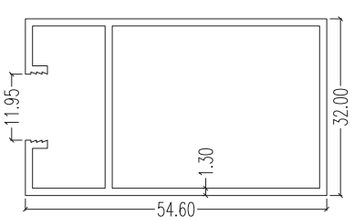
7339 (Top Inner)
LW : 0.432 kg/m
AP : 243.87 mm



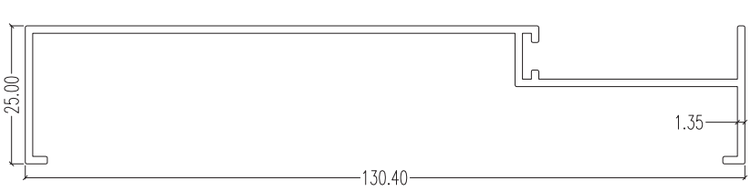
7333 (Side Outer)
LW : 0.574 kg/m
AP : 328.40 mm



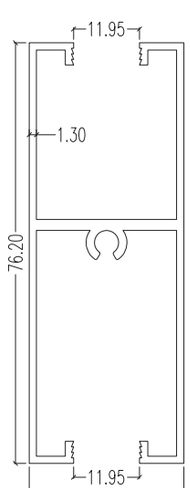
7337 (Side Outer)
LW : 0.383 kg/m
AP : 219.00 mm



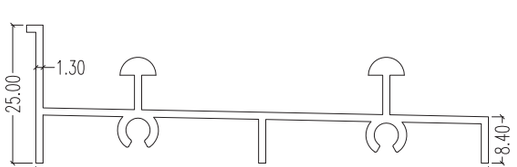
7341 (Side Inner)
LW : 0.673 kg/m
AP : 250.62 mm



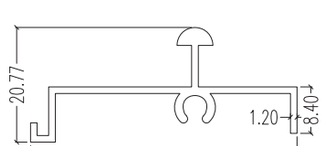
7334 (Side Outer)
LW : 0.728 kg/m
AP : 398.57 mm



7340 (Bottom Inner)
LW : 0.853 kg/m
AP : 458.34 mm

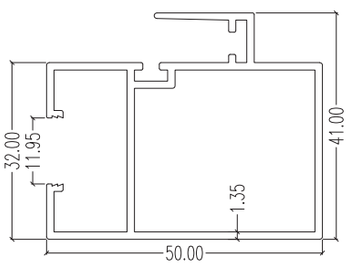


7332 (Bottom Outer)
LW : 0.668 kg/m
AP : 345.16 mm

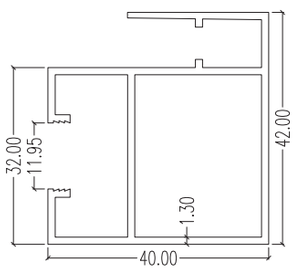


7336 (Bottom Outer)
LW : 0.336 kg/m
AP : 185.88 mm

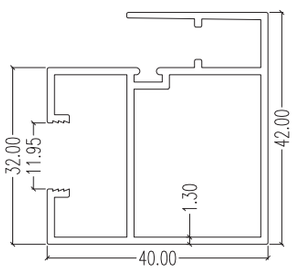
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7344 (Interlock)
LW : 0.774 kg/m
AP : 304.85 mm

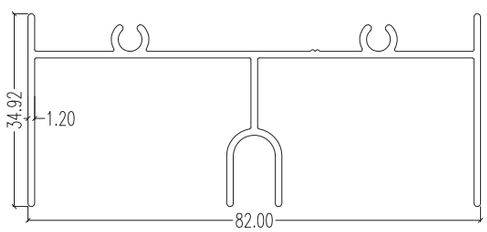


7342 (Interlock)
LW : 0.691 kg/m
AP : 295.74 mm

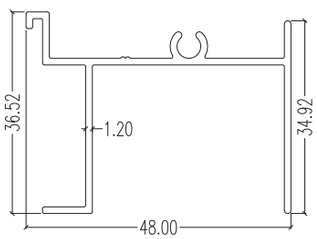


7330 (Interlock)
LW : 0.706 kg/m
AP : 302.23 mm

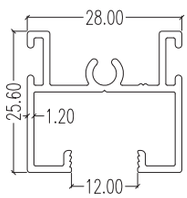
All design are properties of LB Aluminium Berhad



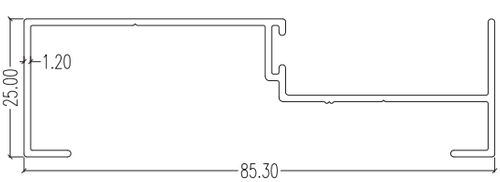
5100 (Top Outer)
LW : 0.703 kg/m
AP : 423.83 mm



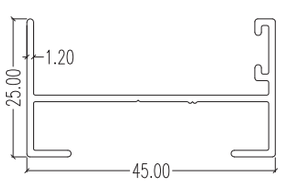
5107 (Top Outer)
LW : 0.448 kg/m
AP : 271.20 mm



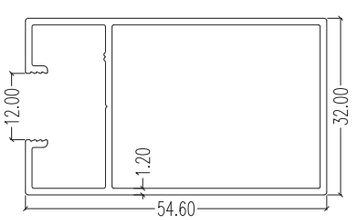
5103 (Top Inner)
LW : 0.390 kg/m
AP : 234.54 mm



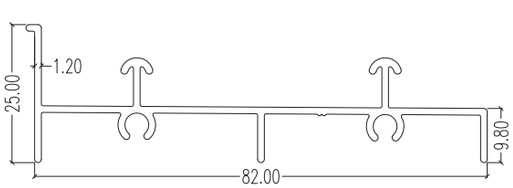
5102 (Side Outer)
LW : 0.540 kg/m
AP : 331.11 mm



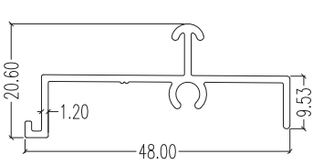
5109 (Side Outer)
LW : 0.371 kg/m
AP : 227.38 mm



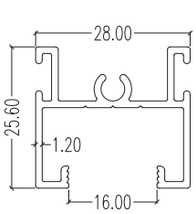
5105 (Side Inner)
LW : 0.624 kg/m
AP : 247.93 mm



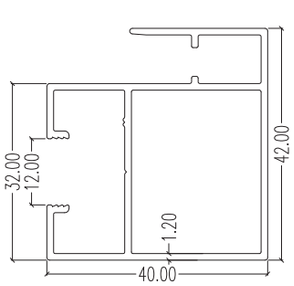
5101 (Bottom Outer)
LW : 0.577 kg/m
AP : 340.91 mm



5108 (Bottom Outer)
LW : 0.309 kg/m
AP : 184.27 mm

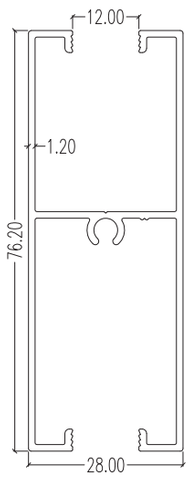


5110 (Top Inner)
LW : 0.376 kg/m
AP : 226.67 mm

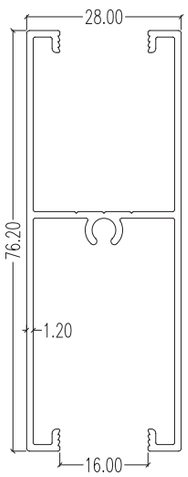


5106 (Interlock)
LW : 0.649 kg/m
AP : 290.82 mm

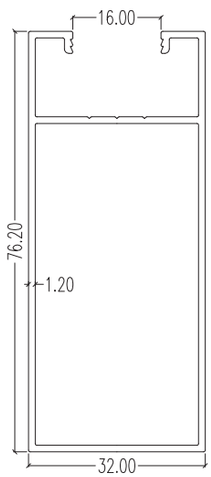
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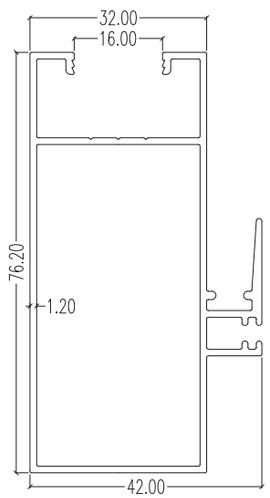
5104 (Bottom Inner)
LW : 0.741 kg/m
AP : 452.26 mm



5111 (Bottom Inner)
LW : 0.714 kg/m
AP : 436.29 mm



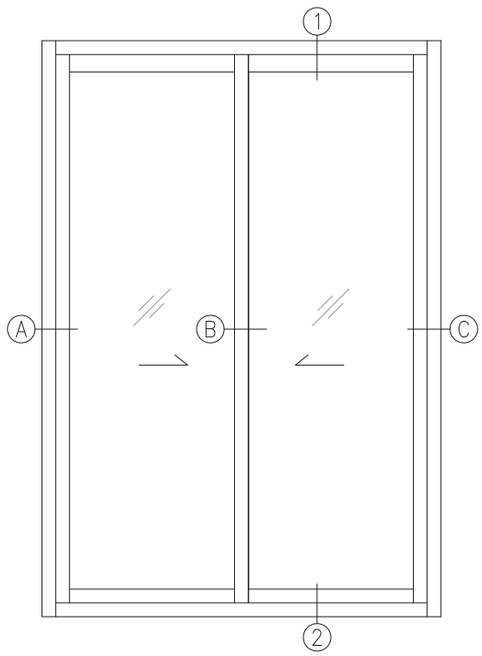
7931 (Side Inner)
LW : 0.752 kg/m
AP : 285.47 mm



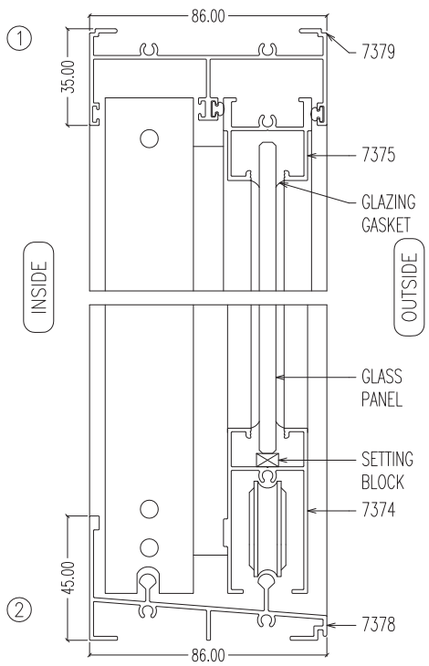
7932 (Interlock)
LW : 0.912 kg/m
AP : 370.93 mm

All design are properties of LB Aluminium Berhad

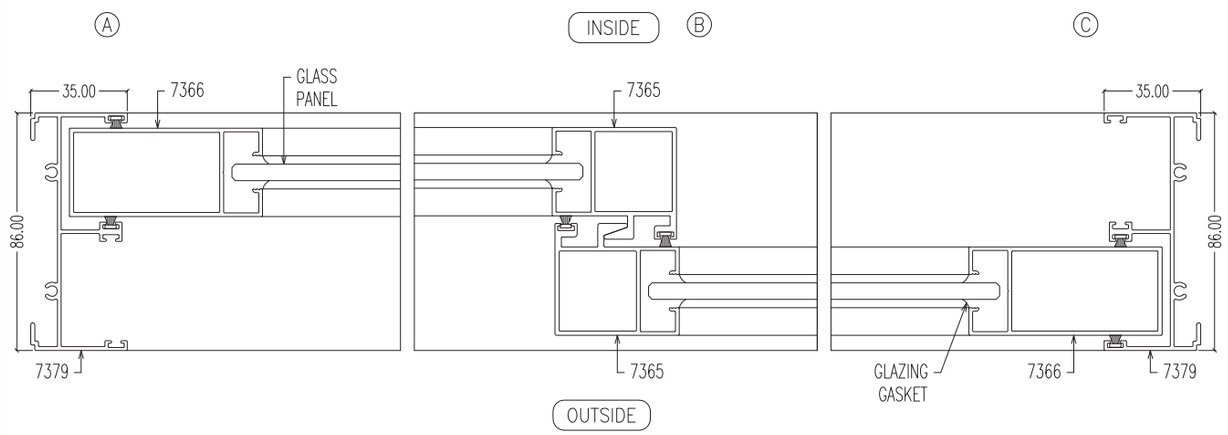
TYPICAL ASSEMBLY SECTIONAL DETAILS



ELEVATION

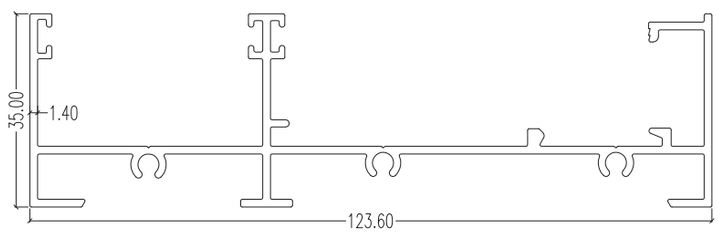


VERTICAL SECTIONS

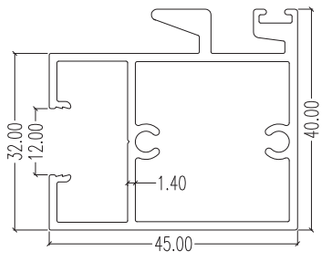


HORIZONTAL SECTIONS

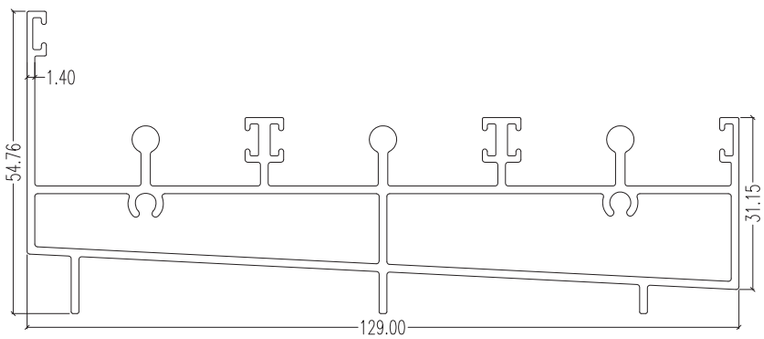
All design are properties of LB Aluminium Berhad



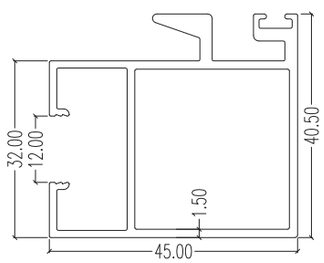
7372 (Top&Side Outer)
LW : 1.203 kg/m
AP : 628.89 mm



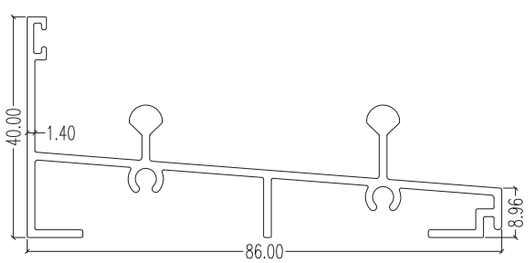
7369 (Interlock)
LW : 0.955 kg/m
AP : 290.06 mm



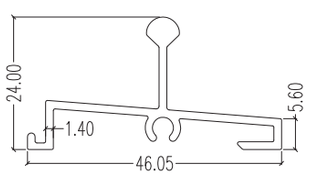
7367 (Bottom Outer)
LW : 1.922 kg/m
AP : 619.73 mm



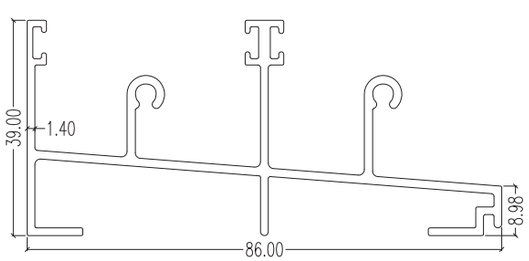
7365 (Interlock)
LW : 0.865 kg/m
AP : 291.61 mm



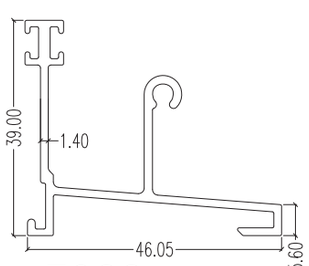
7385 (Bottom Outer)
LW : 0.890 kg/m
AP : 429.99 mm



7386 (Bottom Outer)
LW : 0.389 kg/m
AP : 185.84 mm

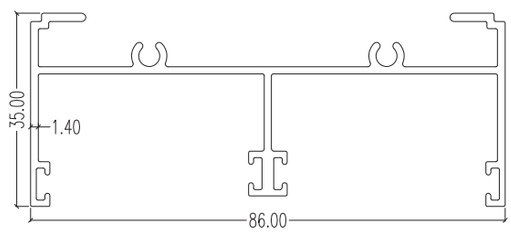


7921 (Bottom Outer)
LW : 1.026 kg/m
AP : 515.58 mm

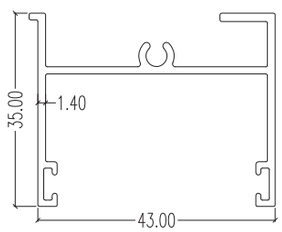


7922 (Bottom Outer)
LW : 0.548 kg/m
AP : 278.70 mm

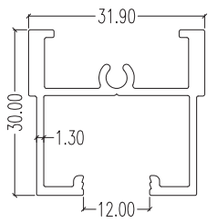
All design are properties of LB Aluminium Berhad



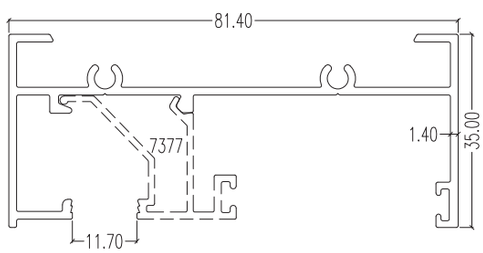
7379 (Top&Side Outer)
LW : 0.860 kg/m
AP : 468.41 mm



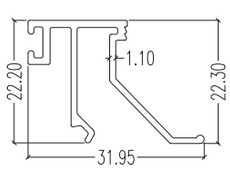
7381 (Top&Side Outer)
LW : 0.509 kg/m
AP : 282.53 mm



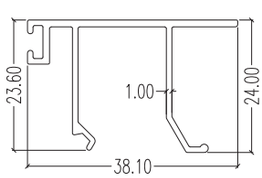
7375 (Top Inner)
LW : 0.534 kg/m
AP : 237.44 mm



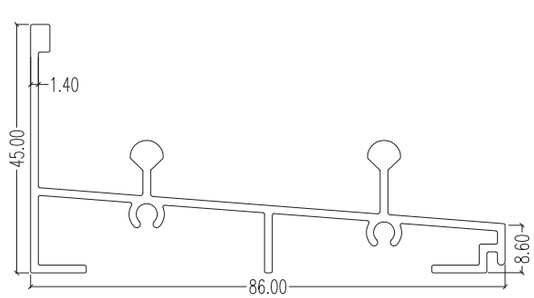
7373 (Top&Side Outer)
LW : 0.789 kg/m
AP : 408.15 mm



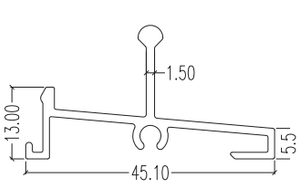
7377 (Beading)
LW : 0.270 kg/m
AP : 169.81 mm



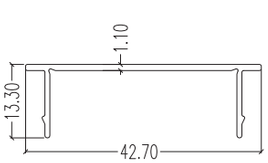
7370 (Beading)
LW : 0.306 kg/m
AP : 203.09 mm



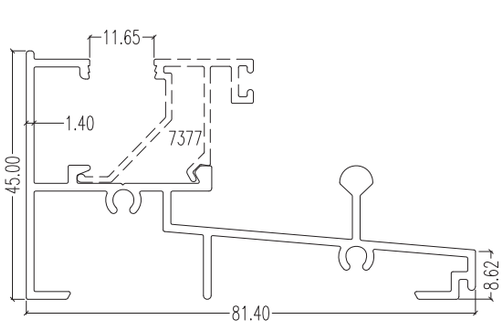
7378 (Bottom Outer)
LW : 0.921 kg/m
AP : 431.87 mm



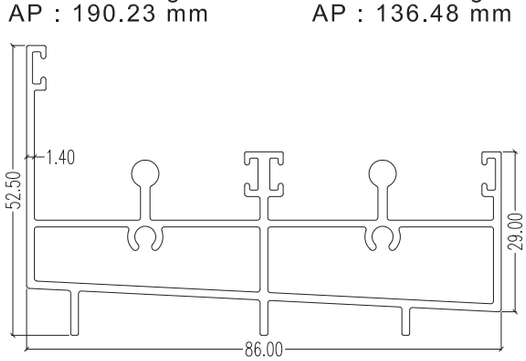
7371 (Bottom Outer)
LW : 0.381 kg/m
AP : 190.23 mm



15035 (Capping)
LW : 0.187 kg/m
AP : 136.48 mm

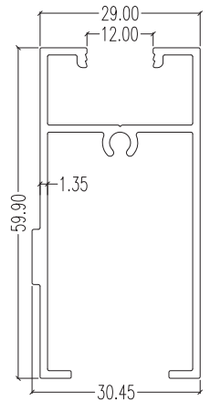


7376 (Bottom Outer)
LW : 0.916 kg/m
AP : 453.80 mm

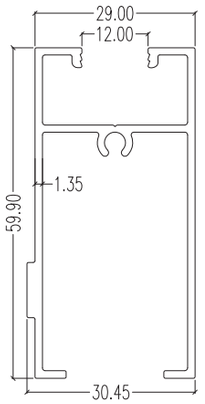


7380 (Bottom Outer)
LW : 1.343 kg/m
AP : 449.00 mm

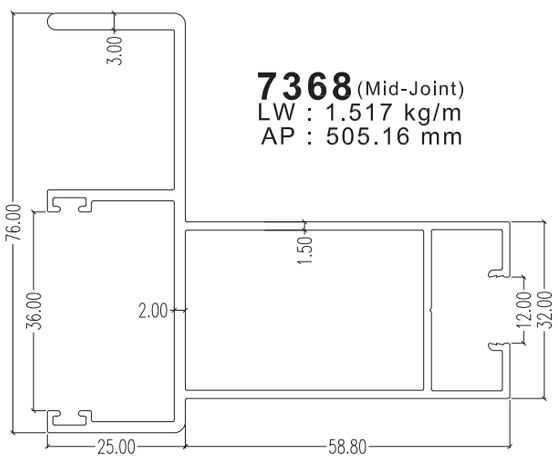
All design are properties of LB Aluminium Berhad



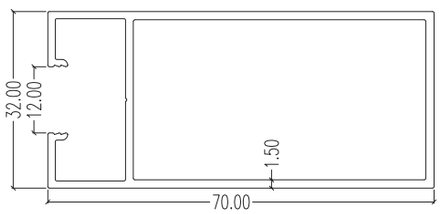
7374 (Bottom Inner)
LW : 0.707 kg/m
AP : 365.50 mm



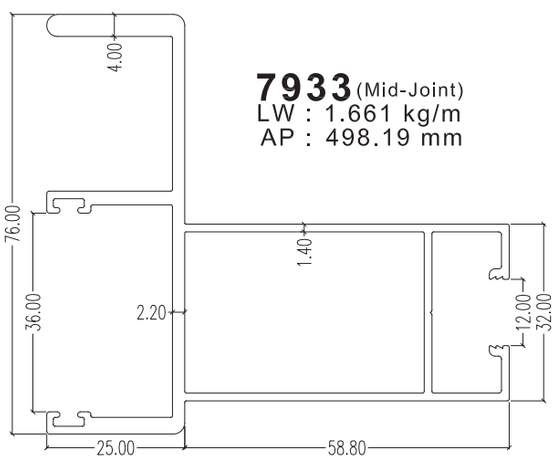
7384 (Bottom Inner)
LW : 0.708 kg/m
AP : 364.81 mm



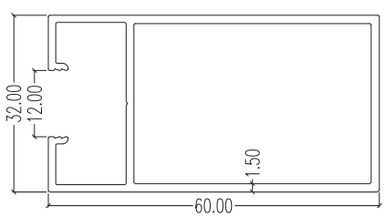
7368 (Mid-Joint)
LW : 1.517 kg/m
AP : 505.16 mm



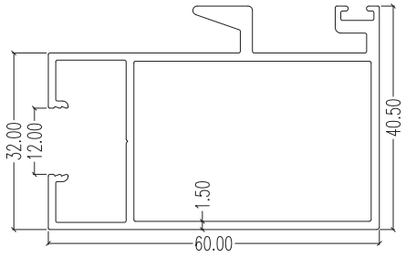
7366 (Side Inner)
LW : 0.859 kg/m
AP : 274.34 mm



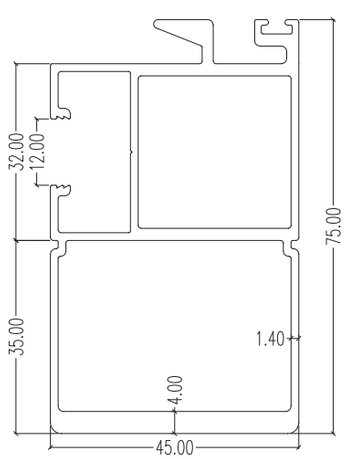
7933 (Mid-Joint)
LW : 1.661 kg/m
AP : 498.19 mm



7923 (Side Inner)
LW : 0.778 kg/m
AP : 254.36 mm

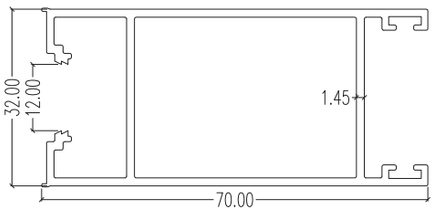


7924 (Interlock)
LW : 0.987 kg/m
AP : 321.83 mm



7934 (Interlock)
LW : 1.705 kg/m
AP : 362.45 mm

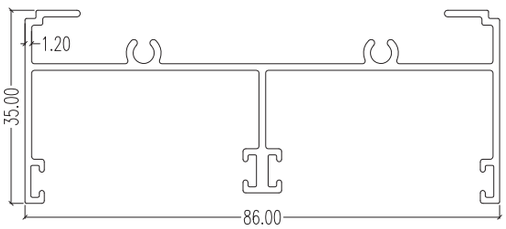
All design are properties of LB Aluminium Berhad



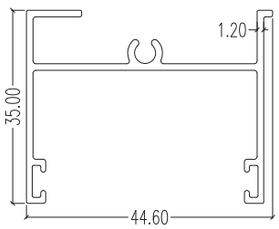
7935 (Intermediate-Joint)
LW : 0.904 kg/m
AP : 330.66 mm



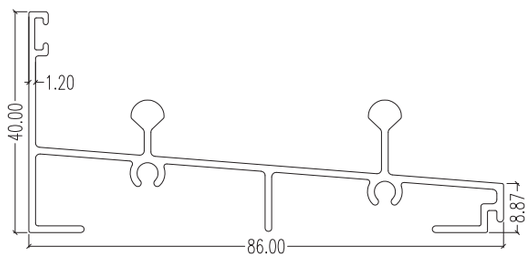
7936 (Intermediate-Joint)
LW : 0.953 kg/m
AP : 301.91 mm



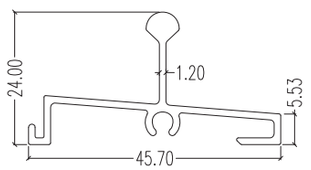
7951 (Top&Side Outer)
LW : 0.791 kg/m
AP : 469.01 mm



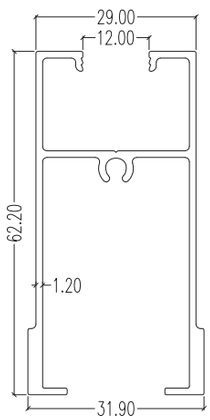
7949 (Top&Side Outer)
LW : 0.462 kg/m
AP : 283.11 mm



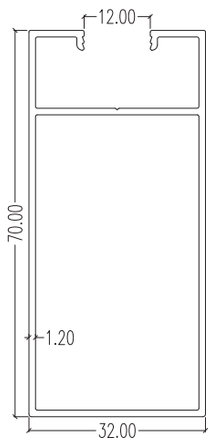
7952 (Bottom Outer)
LW : 0.796 kg/m
AP : 427.51 mm



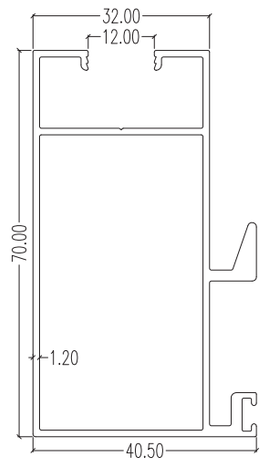
7950 (Bottom Outer)
LW : 0.353 kg/m
AP : 186.47 mm



7953 (Inner)
LW : 0.715 kg/m
AP : 376.92 mm



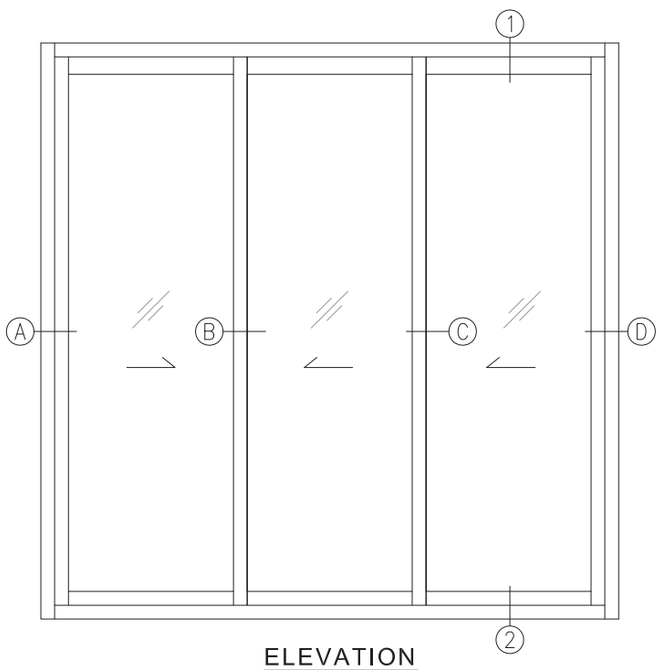
7954 (Side Inner)
LW : 0.720 kg/m
AP : 275.28 mm



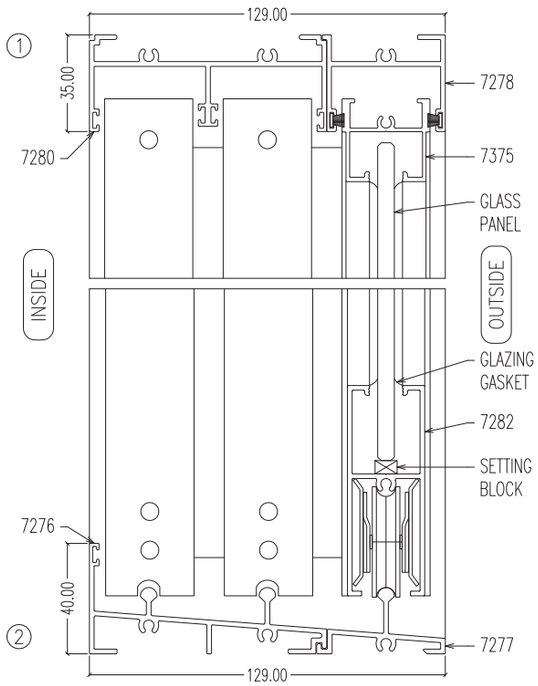
7955 (Interlock)
LW : 0.916 kg/m
AP : 343.43 mm

All design are properties of LB Aluminium Berhad

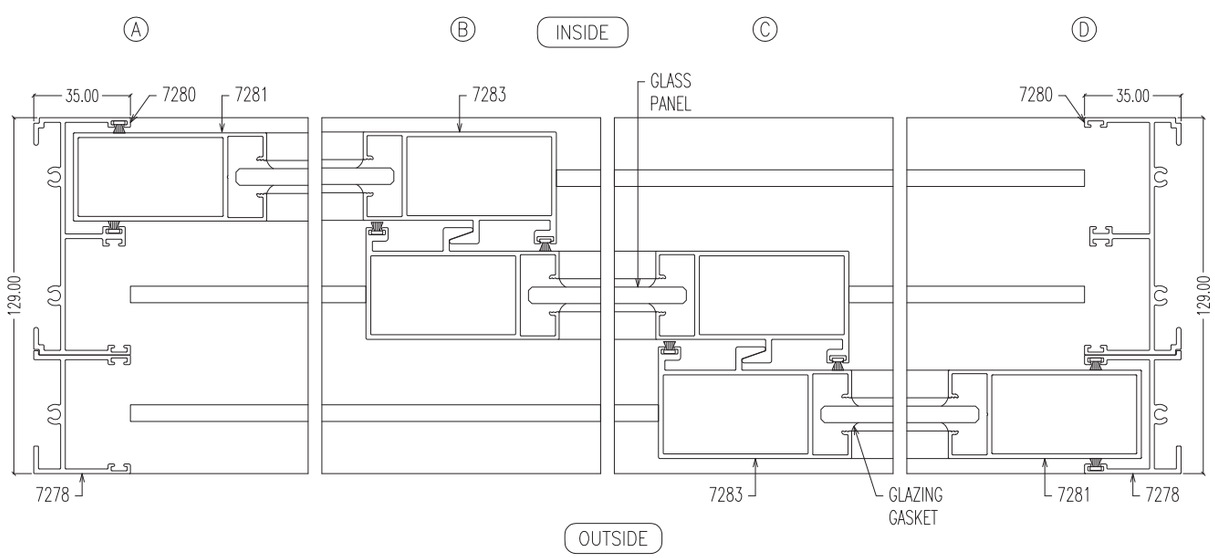
TYPICAL ASSEMBLY SECTIONAL DETAILS



ELEVATION

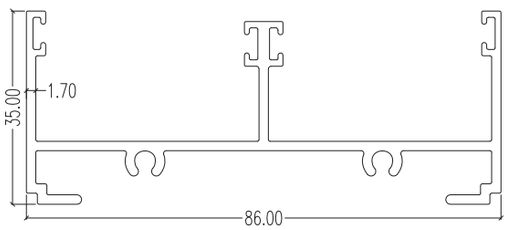


VERTICAL SECTIONS

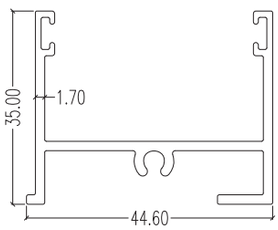


HORIZONTAL SECTIONS

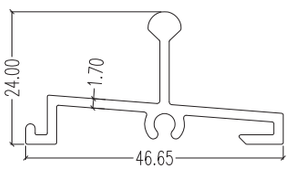
All design are properties of LB Aluminium Berhad



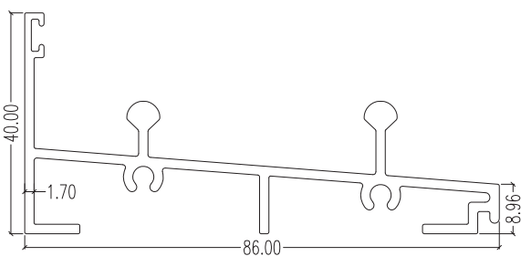
7280 (Top&Side Outer)
LW : 1.063 kg/m
AP : 463.53 mm



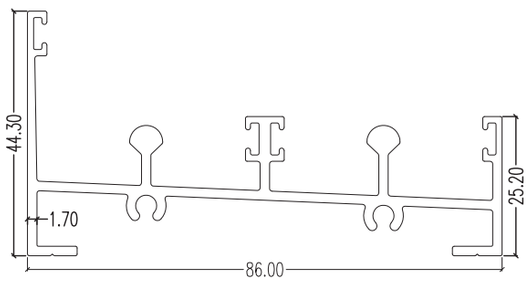
7278 (Top&Side Outer)
LW : 0.619 kg/m
AP : 280.00 mm



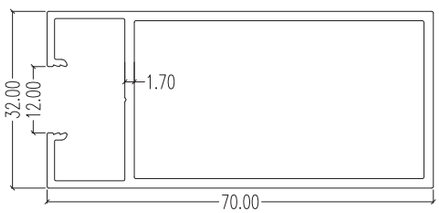
7277 (Bottom Outer)
LW : 0.474 kg/m
AP : 185.45 mm



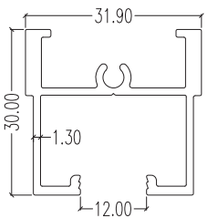
7276 (Bottom Outer)
LW : 1.070 kg/m
AP : 426.07 mm



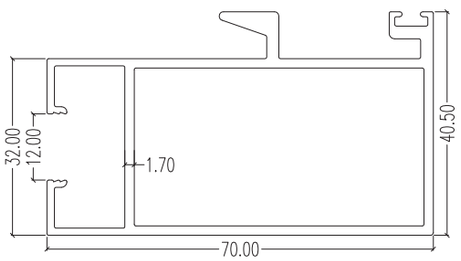
7297 (Bottom Outer)
LW : 1.184 kg/m
AP : 497.89 mm



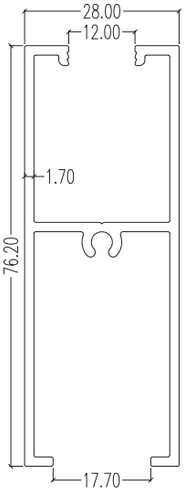
7281 (Side Inner)
LW : 0.977 kg/m
AP : 274.34 mm



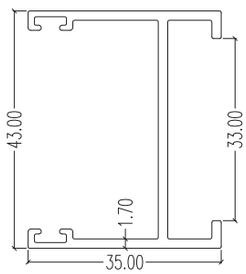
7375 (Top Inner)
LW : 0.534 kg/m
AP : 237.44 mm



7283 (Interlock)
LW : 1.187 kg/m
AP : 341.61 mm



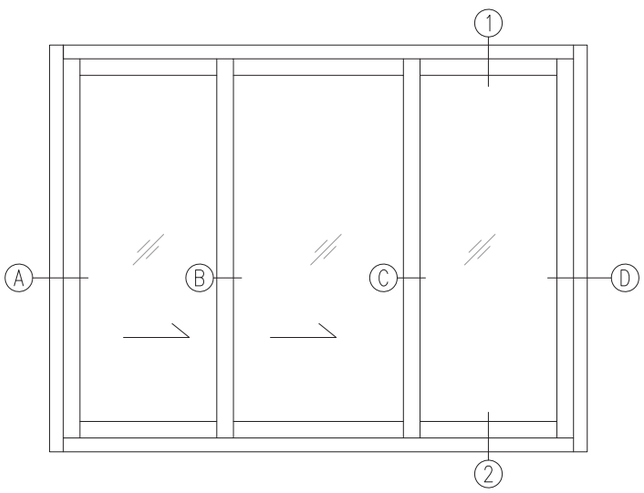
7282 (Bottom Inner)
LW : 0.993 kg/m
AP : 417.51 mm



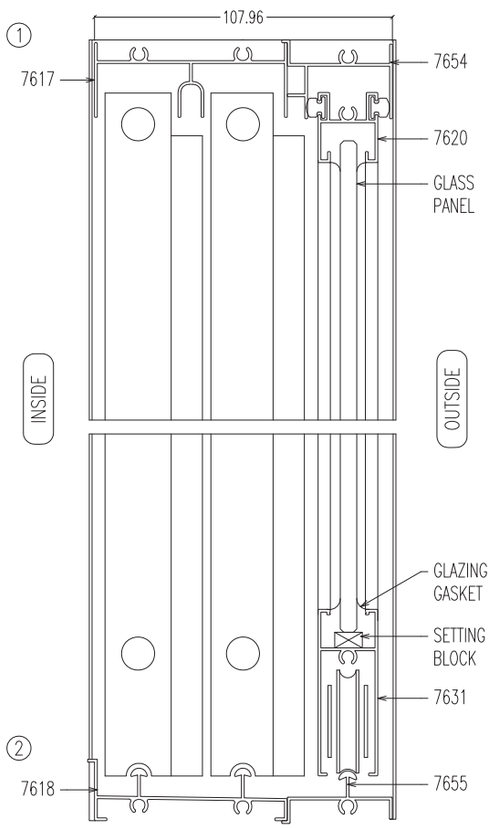
7279 (Mid-Joint)
LW : 0.562 kg/m
AP : 257.31 mm

All design are properties of LB Aluminium Berhad

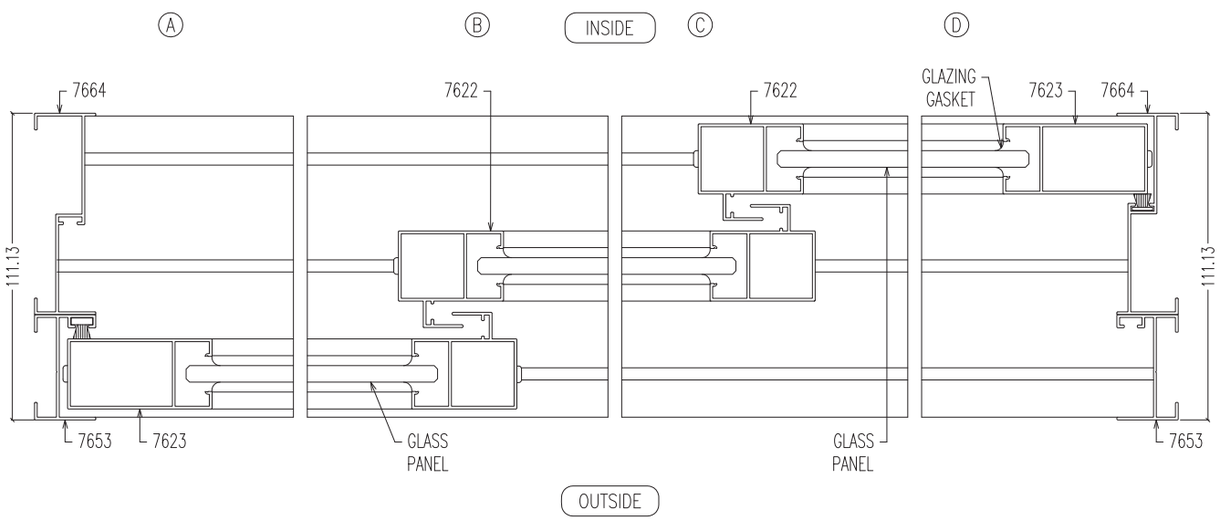
TYPICAL ASSEMBLY SECTIONAL DETAILS



ELEVATION

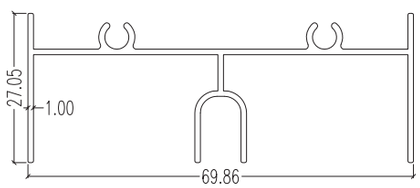


VERTICAL SECTIONS

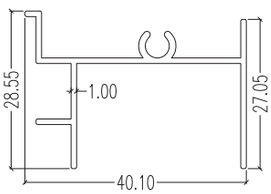


HORIZONTAL SECTIONS

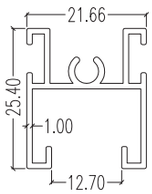
All design are properties of LB Aluminium Berhad



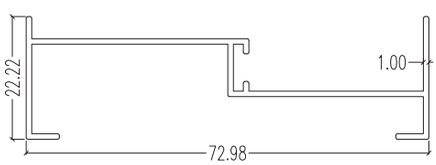
7617 (Top Outer)
LW : 0.496 kg/m
AP : 353.24 mm



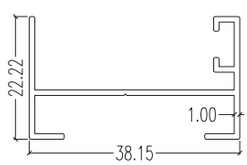
7654 (Top Outer)
LW : 0.325 kg/m
AP : 223.09 mm



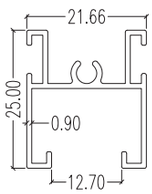
7620 (Top Inner)
LW : 0.300 kg/m
AP : 213.55 mm



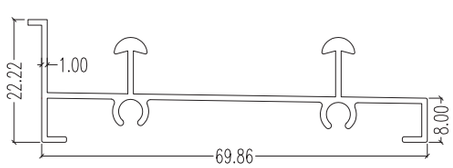
7664 (Side Outer)
LW : 0.382 kg/m
AP : 282.79 mm



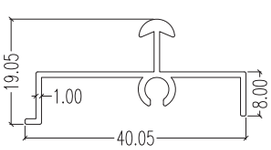
7653 (Side Outer)
LW : 0.289 kg/m
AP : 204.50 mm



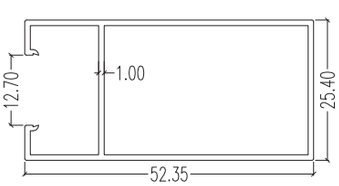
7666 (Top Inner)
LW : 0.255 kg/m
AP : 202.78 mm



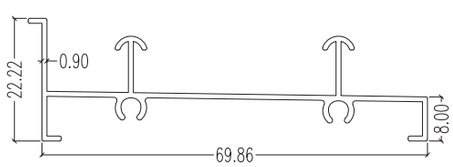
7618 (Bottom Outer)
LW : 0.450 kg/m
AP : 319.52 mm



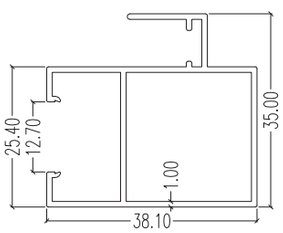
7655 (Bottom Outer)
LW : 0.258 kg/m
AP : 162.50 mm



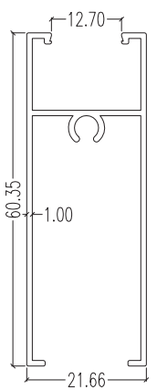
7623 (Side Inner)
LW : 0.457 kg/m
AP : 208.76 mm



7665 (Bottom Outer)
LW : 0.389 kg/m
AP : 307.47 mm

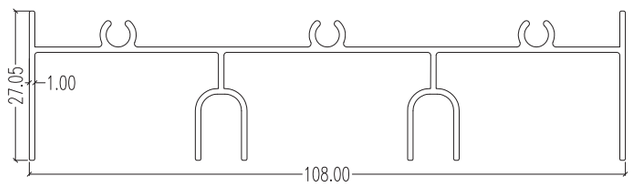


7622 (Interlock)
LW : 0.446 kg/m
AP : 231.38 mm

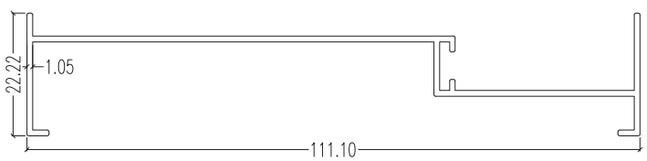


7631 (Bottom Inner)
LW : 0.483 kg/m
AP : 326.41 mm

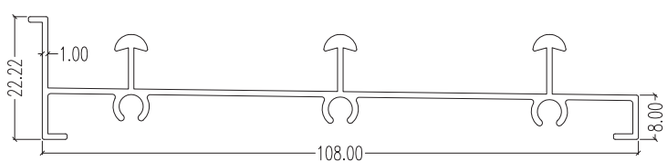
All design are properties of LB Aluminium Berhad



7671 (Top Outer)
LW : 0.734 kg/m
AP : 519.04 mm

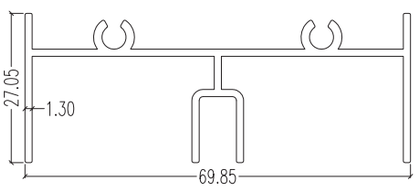


7670 (Side Outer)
LW : 0.499 kg/m
AP : 351.62 mm

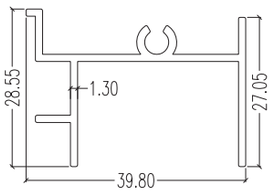


7672 (Bottom Outer)
LW : 0.658 kg/m
AP : 432.40 mm

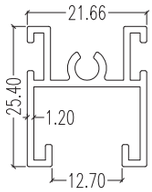
All design are properties of LB Aluminium Berhad



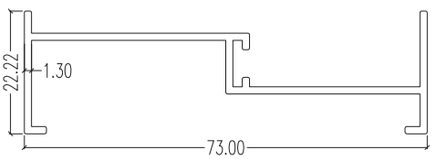
7601 (Top Outer)
LW : 0.679 kg/m
AP : 360.62 mm



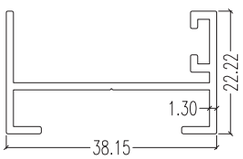
7604 (Top Outer)
LW : 0.393 kg/m
AP : 219.59 mm



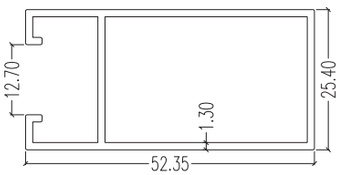
7607 (Top Inner)
LW : 0.350 kg/m
AP : 208.73 mm



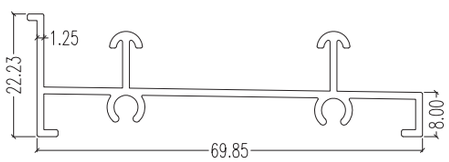
7611 (Side Outer)
LW : 0.492 kg/m
AP : 273.26 mm



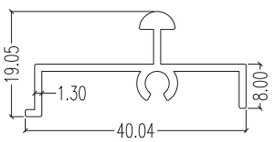
7613 (Side Outer)
LW : 0.355 kg/m
AP : 201.50 mm



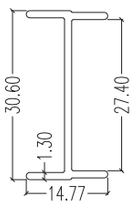
7609 (Side Inner)
LW : 0.576 kg/m
AP : 207.41 mm



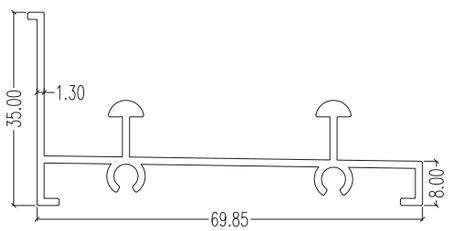
7602 (Bottom Outer)
LW : 0.541 kg/m
AP : 311.70 mm



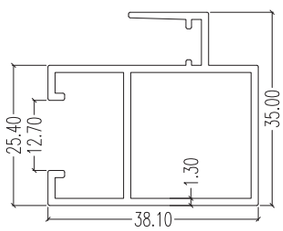
7605 (Bottom Outer)
LW : 0.291 kg/m
AP : 157.31 mm



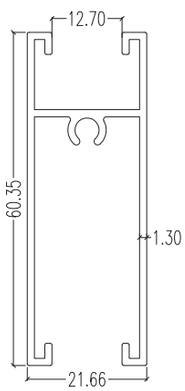
7624 (Mid-Joint)
LW : 0.233 kg/m
AP : 114.68 mm



7634 (Bottom Outer)
LW : 0.669 kg/m
AP : 332.77 mm

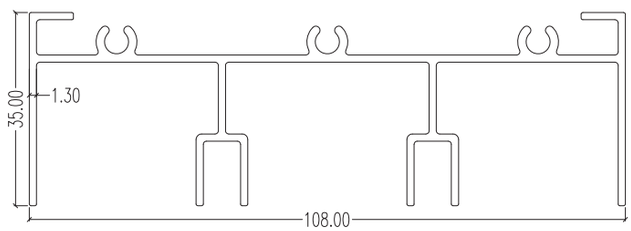


7610 (Interlock)
LW : 0.568 kg/m
AP : 229.92 mm

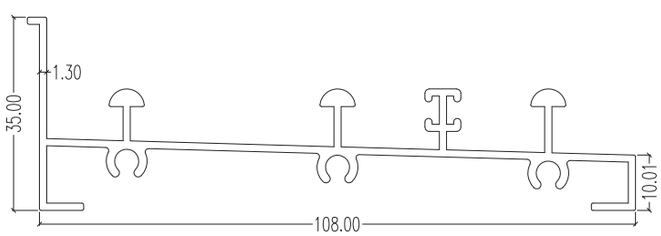


7658 (Bottom Inner)
LW : 0.617 kg/m
AP : 345.78 mm

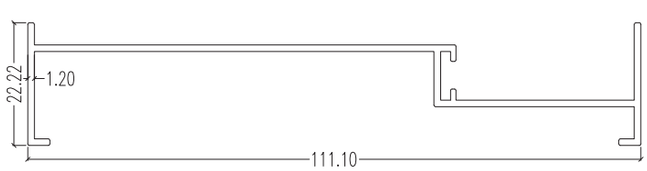
All design are properties of LB Aluminium Berhad



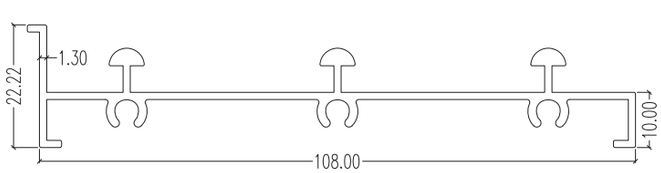
7645 (Top Outer)
LW : 1.138 kg/m
AP : 610.43 mm



7646 (Bottom Outer)
LW : 1.029 kg/m
AP : 521.35 mm

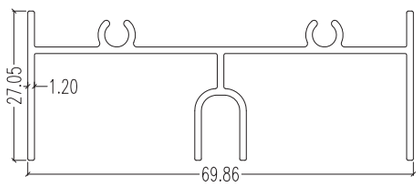


7644 (Side Outer)
LW : 0.568 kg/m
AP : 351.02 mm

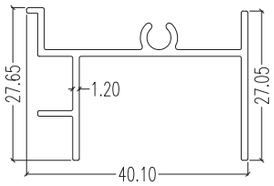


7663 (Bottom Outer)
LW : 0.830 kg/m
AP : 415.71 mm

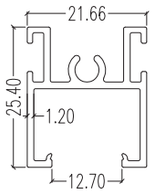
All design are properties of LB Aluminium Berhad



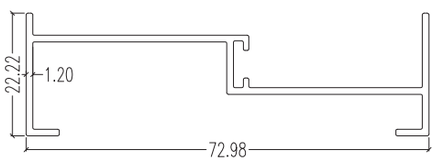
7388 (Top Outer)
LW : 0.586 kg/m
AP : 350.98 mm



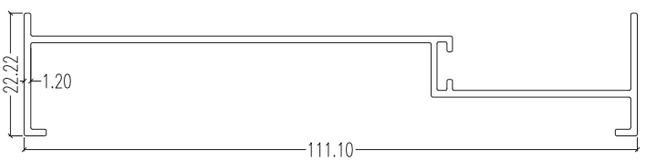
7397 (Top Outer)
LW : 0.352 kg/m
AP : 215.57 mm



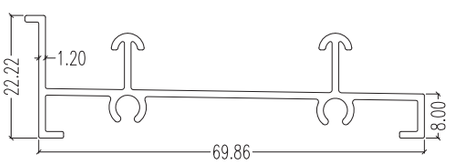
7395 (Top Inner)
LW : 0.327 kg/m
AP : 201.44 mm



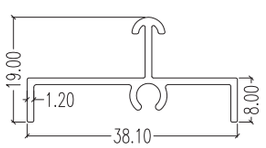
7390 (Side Outer)
LW : 0.453 kg/m
AP : 279.63 mm



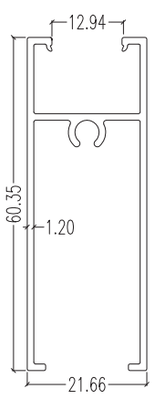
7391 (Side Outer)
LW : 0.563 kg/m
AP : 349.17 mm



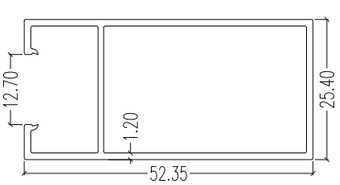
7389 (Bottom Outer)
LW : 0.524 kg/m
AP : 312.23 mm



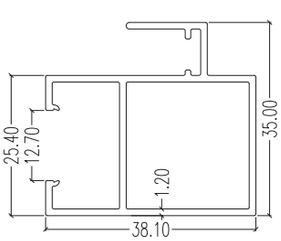
7396 (Bottom Outer)
LW : 0.257 kg/m
AP : 154.85 mm



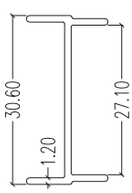
7394 (Bottom Inner)
LW : 0.532 kg/m
AP : 324.58 mm



7393 (Side Inner)
LW : 0.517 kg/m
AP : 206.13 mm



7392 (Interlock)
LW : 0.519 kg/m
AP : 227.27 mm

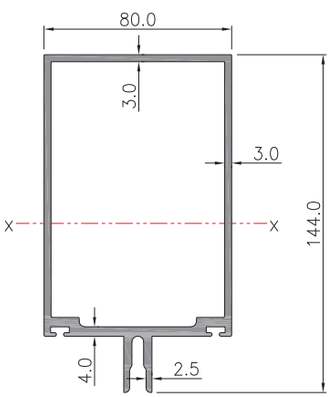


7398 (Mid-Joint)
LW : 0.187 kg/m
AP : 114.79 mm

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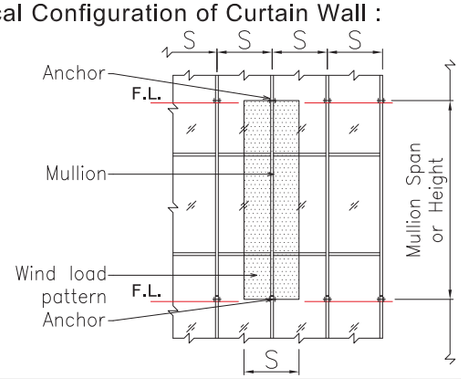
WIND LOAD CHART

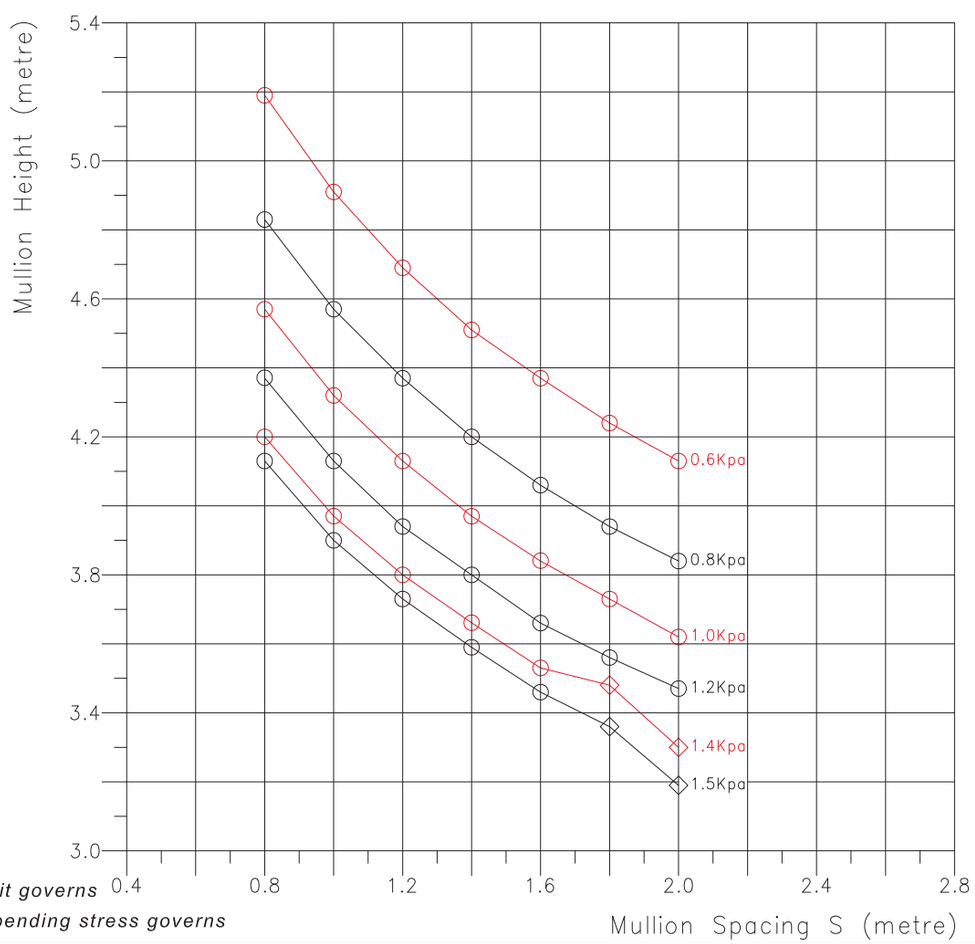
MULLION SECTION NO. : 18858
Aluminium Alloy : 6063-T5
Moment of Inertia Ixx : 328.3 cm^4
Mod. of Inertia Zxx : 45.5 cm^3



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.

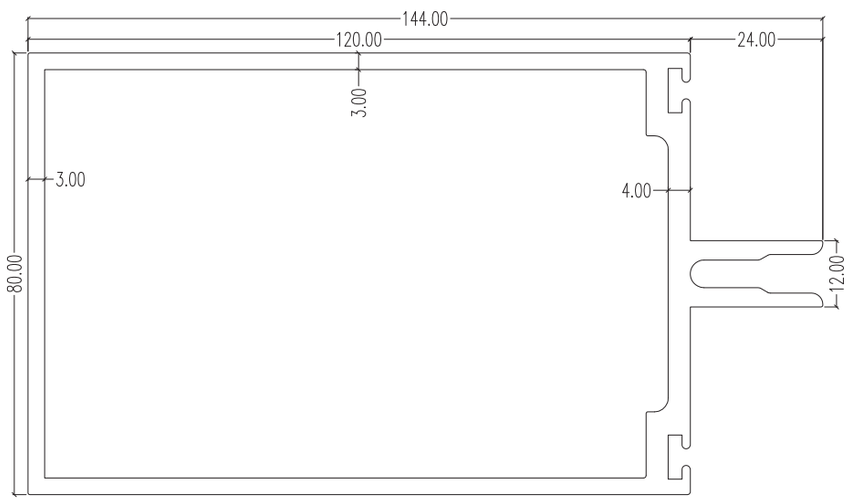
Typical Configuration of Curtain Wall :



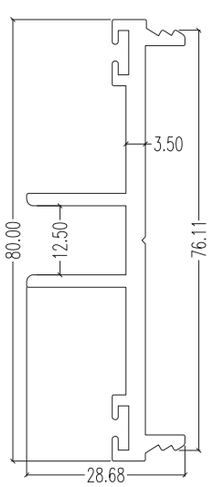


Legend:
○ *deflection limit governs*
◇ *permissable bending stress governs*

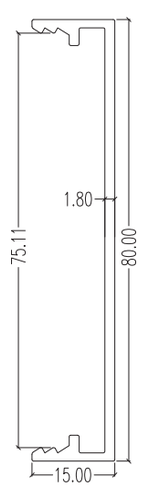
All design are properties of LB Aluminium Berhad



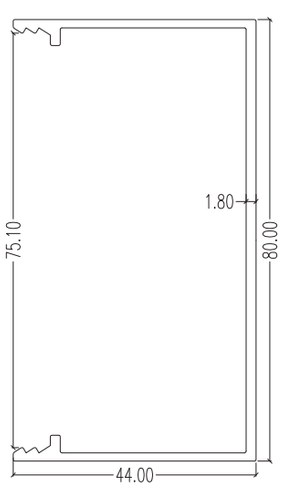
18858
LW : 3.891 kg/m
AP : 523.09 mm
Ixx : 134.68 cm⁴
Iyy : 328.37 cm⁴



18861
LW : 1.132 kg/m
AP : 306.92 mm



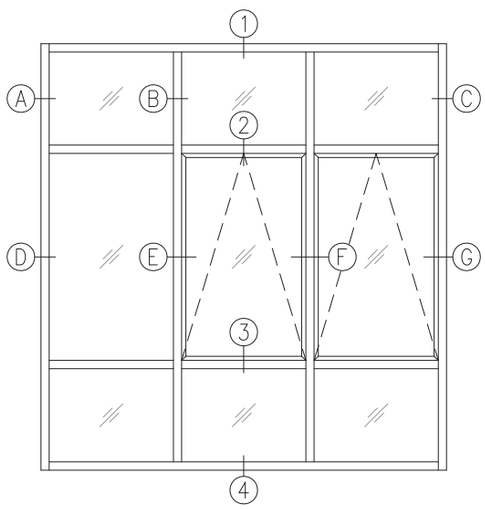
19848
LW : 0.550 kg/m
AP : 228.84 mm



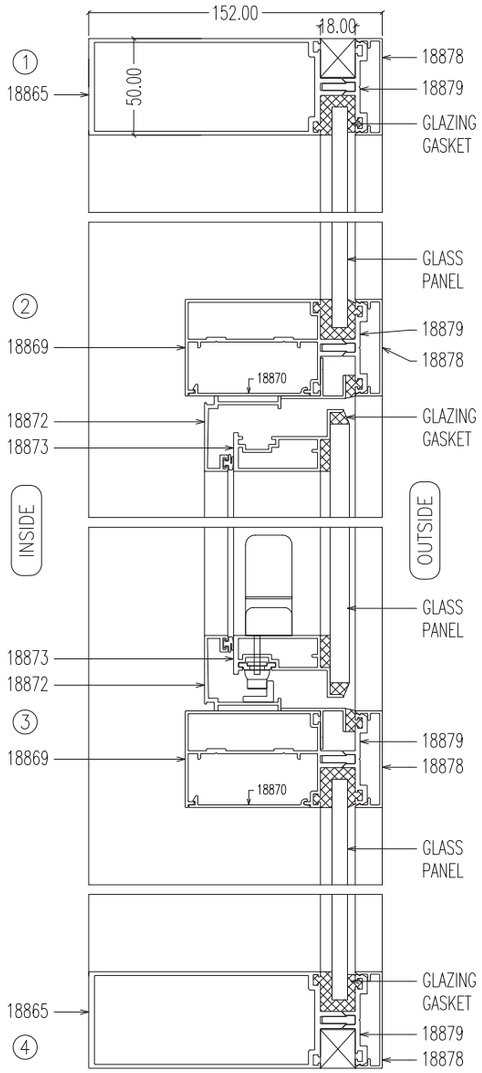
18860
LW : 0.786 kg/m
AP : 344.84 mm

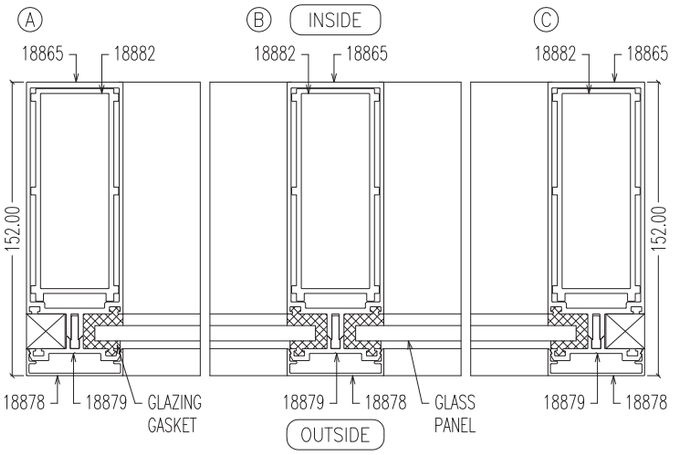
All design are properties of LB Aluminium Berhad

TYPICAL ASSEMBLY SECTIONAL DETAILS

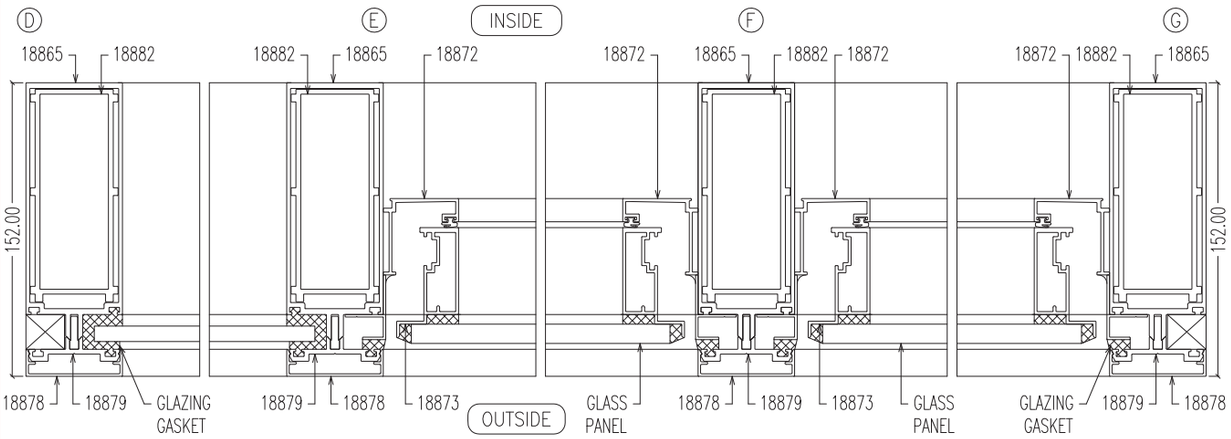


ELEVATION





VERTICAL SECTIONS

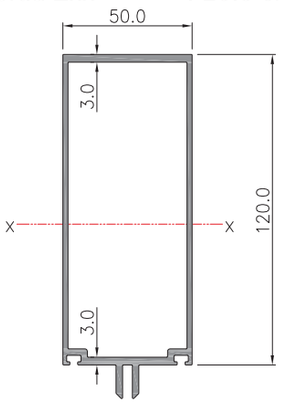


HORIZONTAL SECTIONS

All design are properties of LB Aluminium Berhad

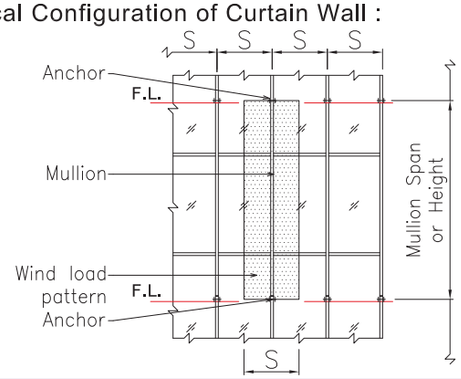
WIND LOAD CHART

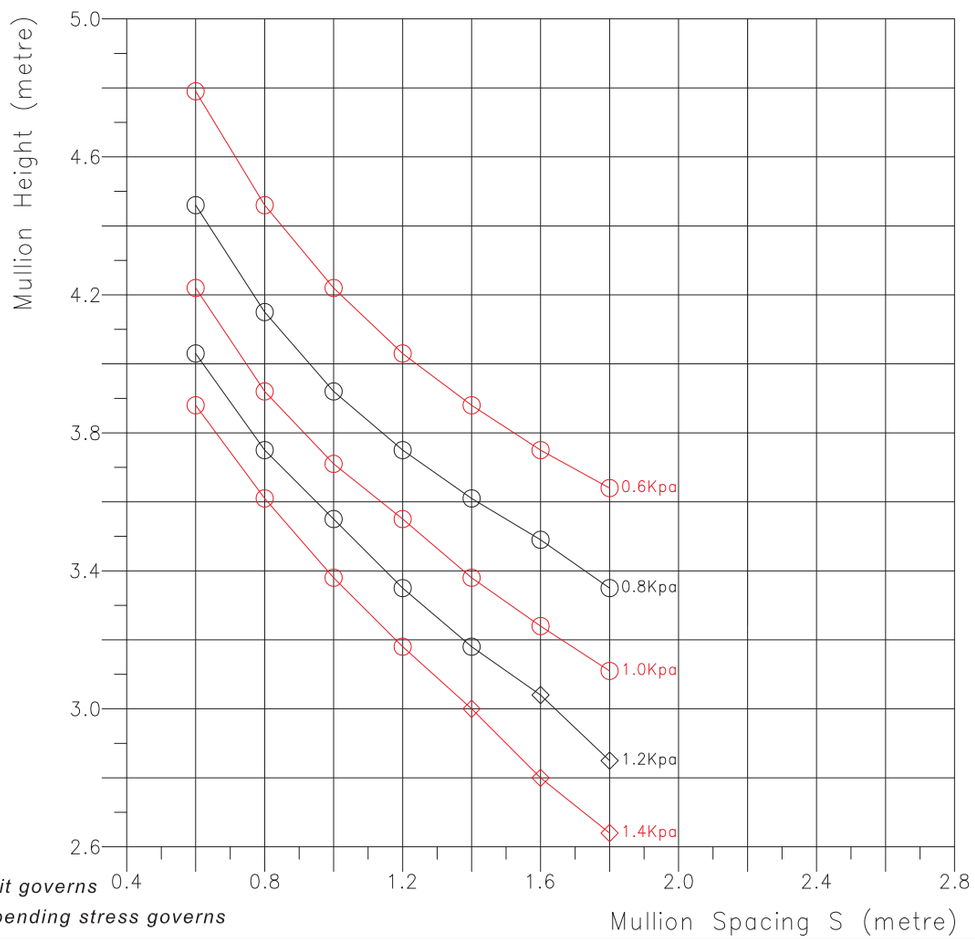
MULLION SECTION NO. : 18865
Aluminium Alloy : 6063-T5
Moment of Inertia Ixx : 179.1 cm^4
Mod. of Inertia Zxx : 26.5 cm^3



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 :



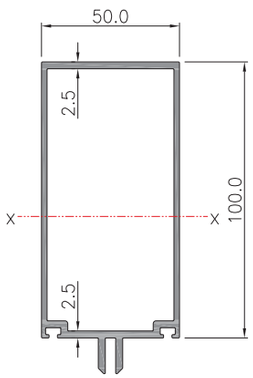


Legend:
○ *deflection limit governs*
◇ *permissable bending stress governs*

All design are properties of LB Aluminium Berhad

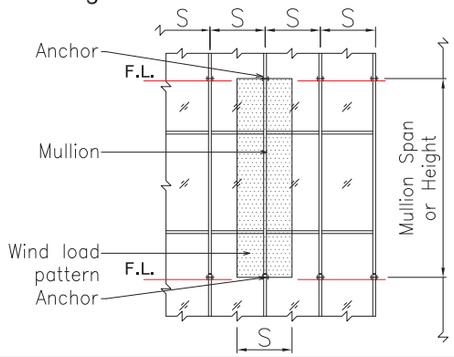
WIND LOAD CHART

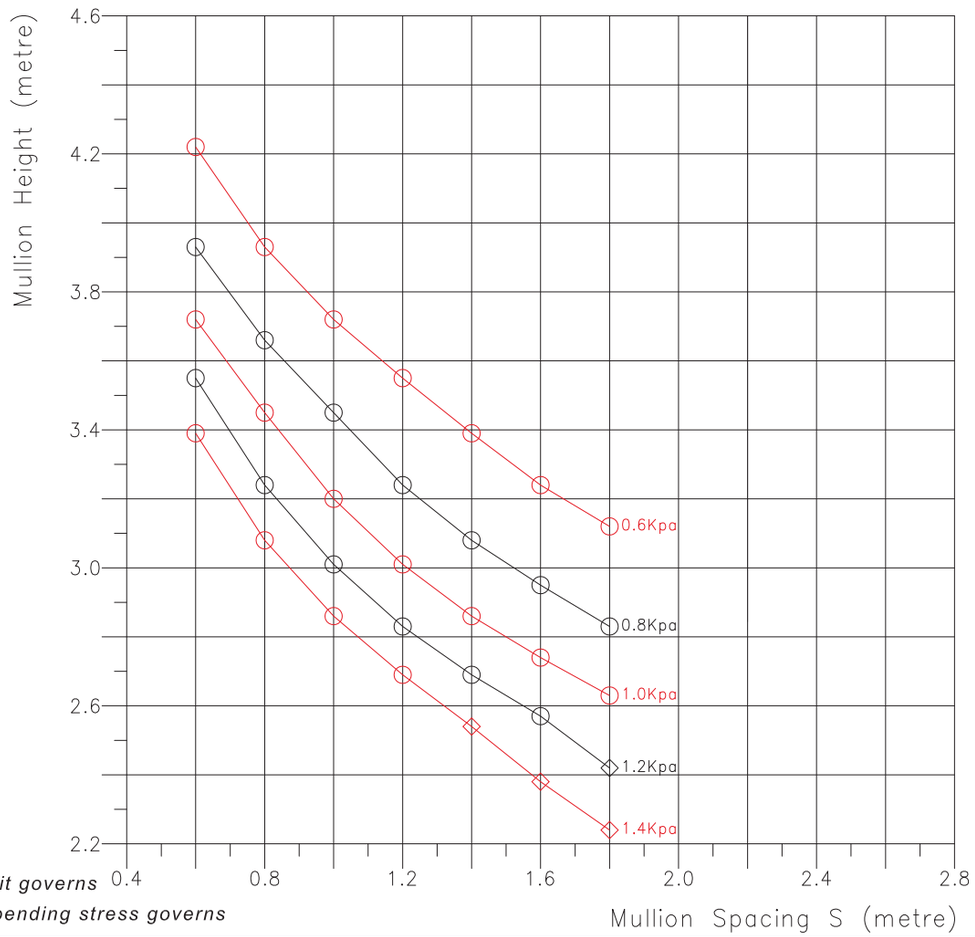
MULLION SECTION NO. : 18866
Aluminium Alloy : 6063-T5
Moment of Inertia Ixx : 108.2 cm^4
Mod. of Inertia Zxx : 19.0 cm^3



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 :



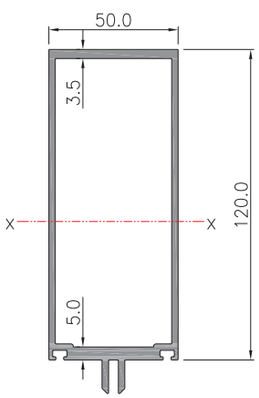


Legend:
○ *deflection limit governs*
◇ *permissable bending stress governs*

All design are properties of LB Aluminium Berhad

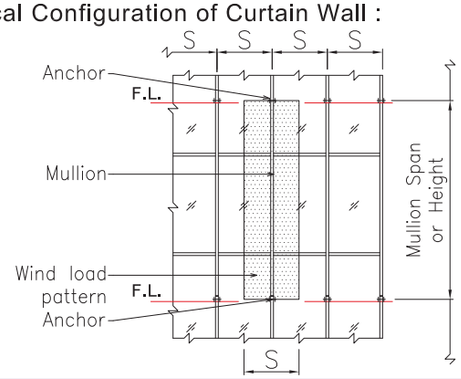
WIND LOAD CHART

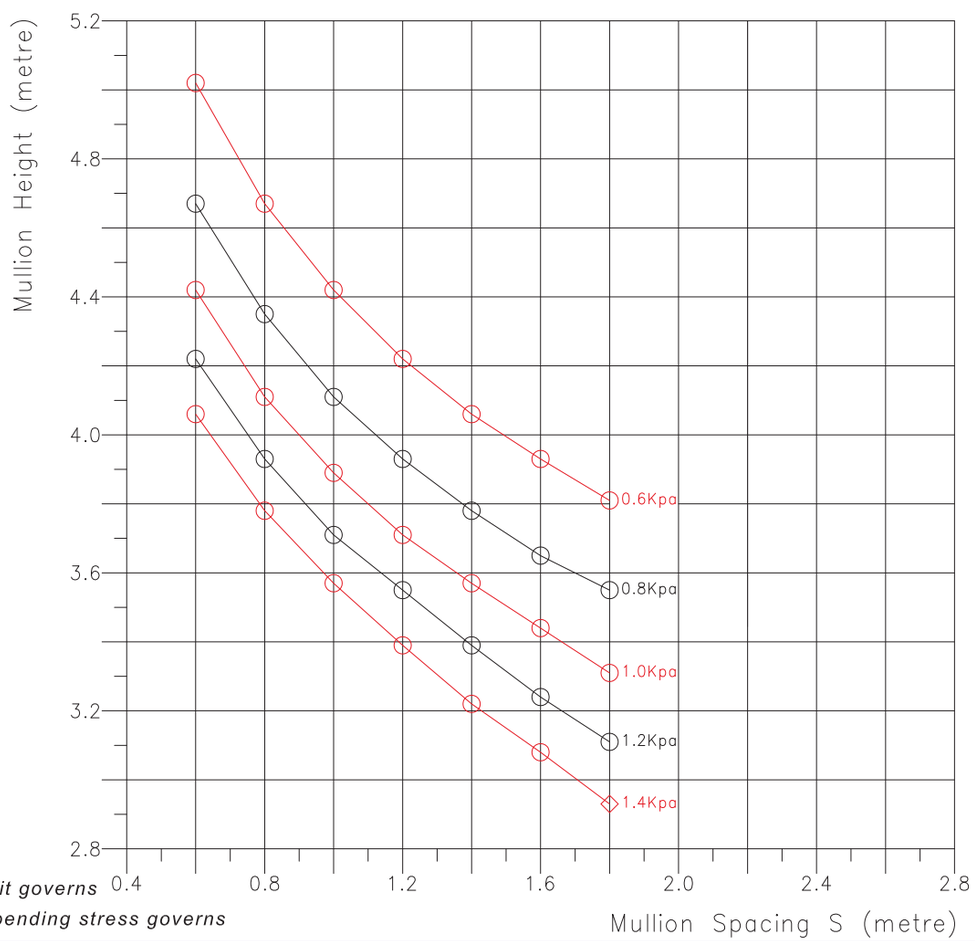
MULLION SECTION NO. : 18867
Aluminium Alloy : 6063-T5
Moment of Inertia Ixx : 215.4 cm^4
Mod. of Inertia Zxx : 32.3 cm^3



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 :



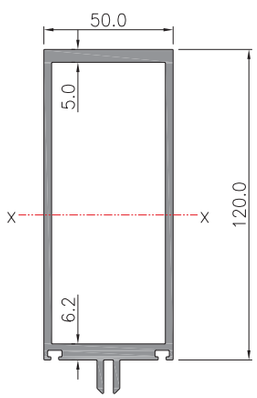


Legend:
○ *deflection limit governs*
◇ *permissable bending stress governs*

All design are properties of LB Aluminium Berhad

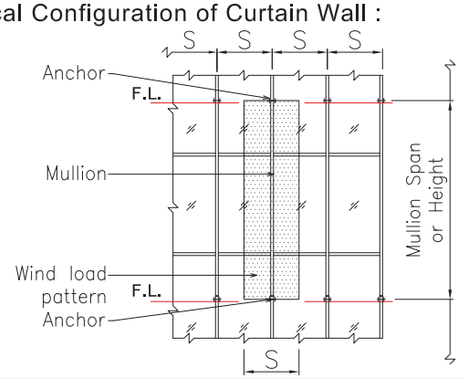
WIND LOAD CHART

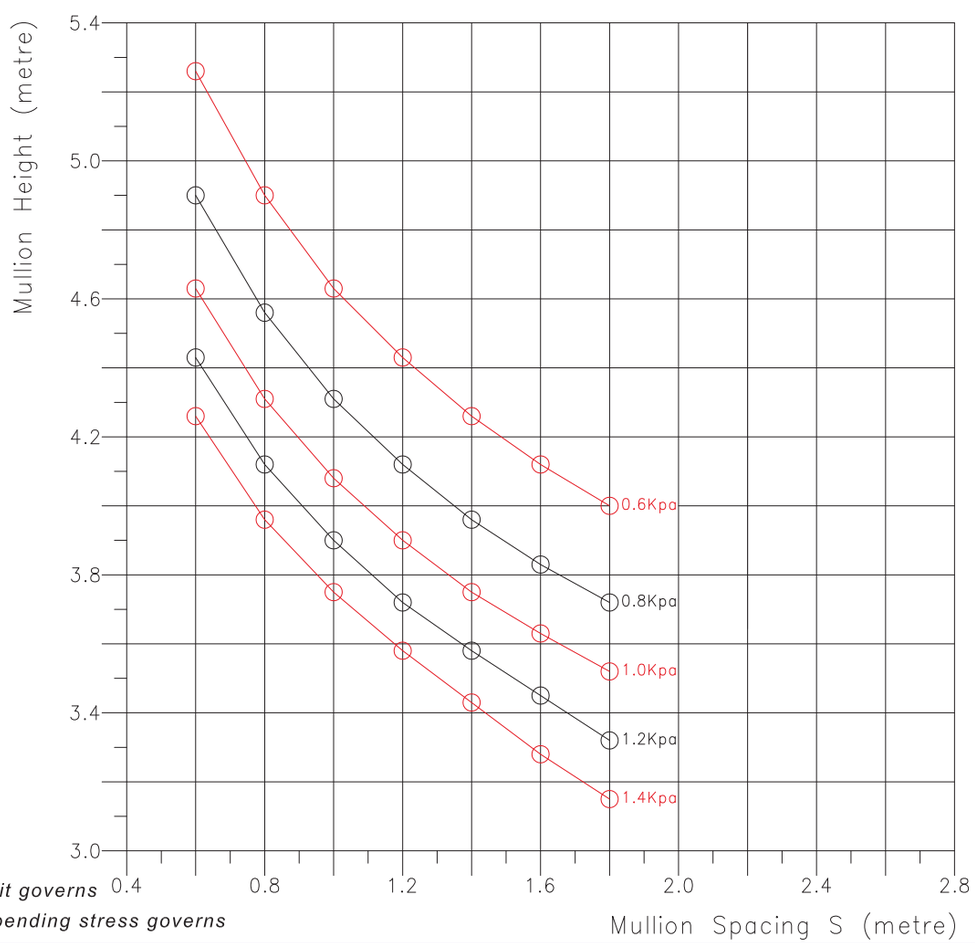
MULLION SECTION NO. : 18868
Aluminium Alloy : 6063-T5
Moment of Inertia Ixx : 260.7 cm^4
Mod. of Inertia Zxx : 37.7 cm^3



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 :



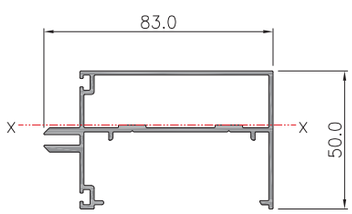


Legend:
○ *deflection limit governs*
◇ *permissable bending stress governs*

All design are properties of LB Aluminium Berhad

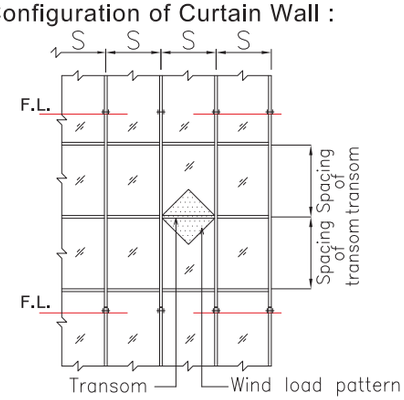
WIND LOAD CHART

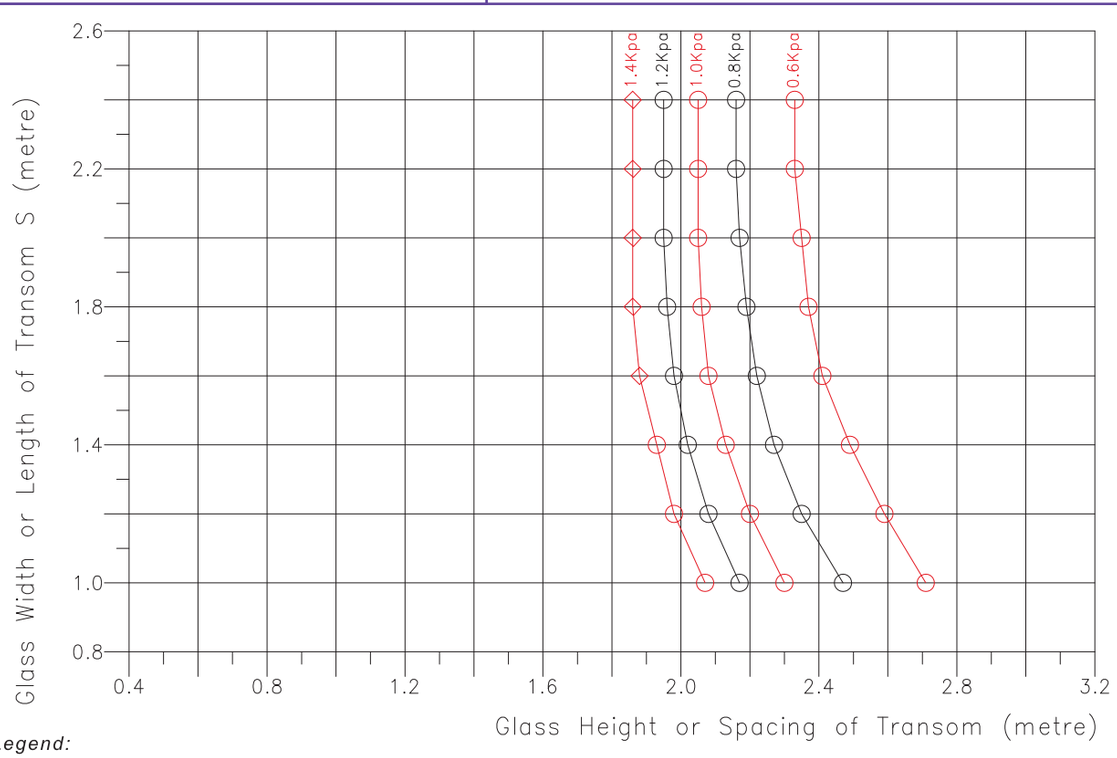
MULLION SECTION NO. : 18869
Aluminium Alloy : 6063-T5
Moment of Inertia Iyy : 37.4 cm^4
Mod. of Inertia Zyy : 9.0 cm^3



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*

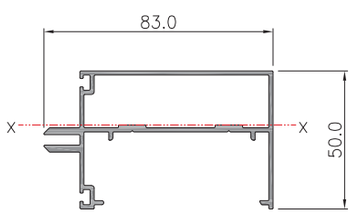
◇ *permissable bending stress governs*

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.

All design are properties of LB Aluminium Berhad

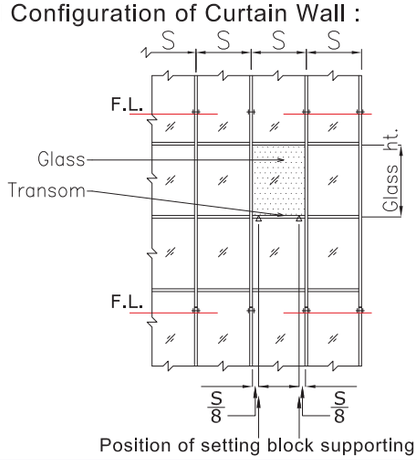
GLASS LOAD CHART

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



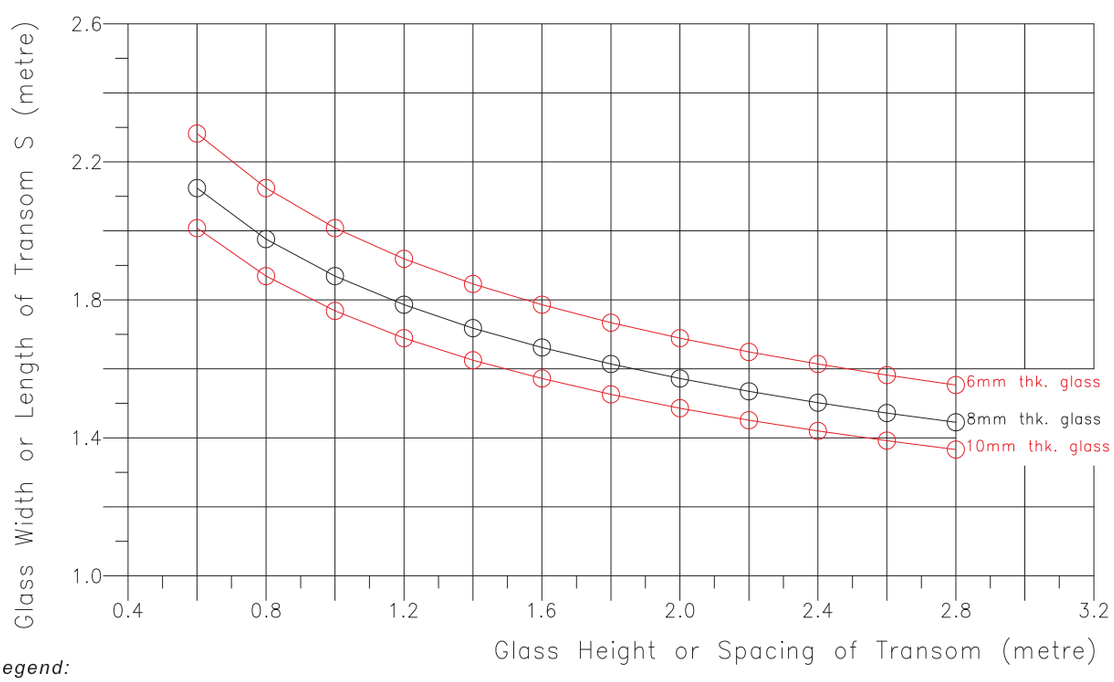
Mod. of Elasticity : 69 x 10^9 n/m^2
Deflection Limit : 3mm.
Perm. Bend. Stress (within slenderness limit) : 67 Mpa.
Nature of Anchor : Simply Supported.

Typical Configuration of Curtain Wall :



Position of setting block supporting glass

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



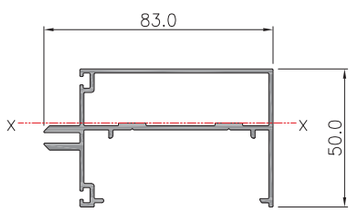
Legend:
○ *deflection limit governs*
◇ *permissable bending stress governs*

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.

All design are properties of LB Aluminium Berhad

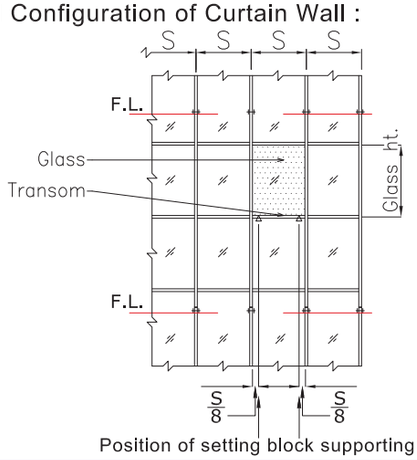
GLASS LOAD CHART

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



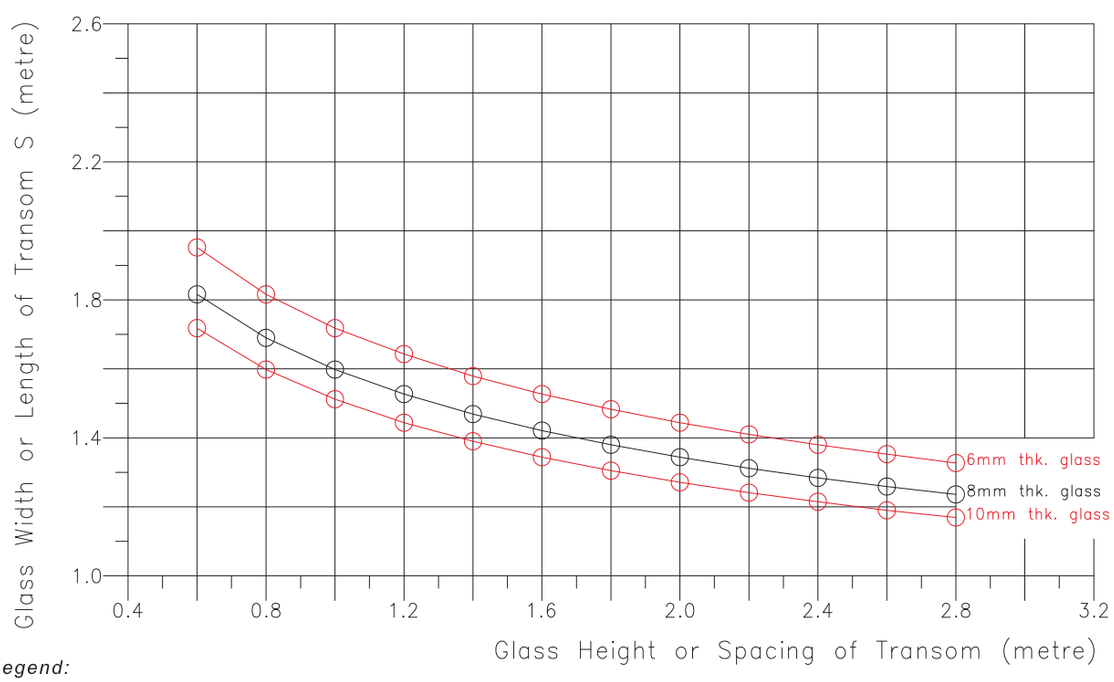
Mod. of Elasticity : 69 x 10^9 n/m^2
Deflection Limit : 3mm.
Perm. Bend. Stress (within slenderness limit) : 67 Mpa.
Nature of Anchor : Simply Supported.

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)



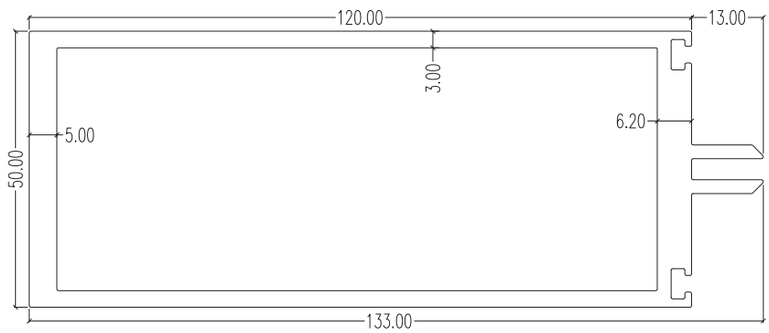
Legend:

○ *deflection limit governs*

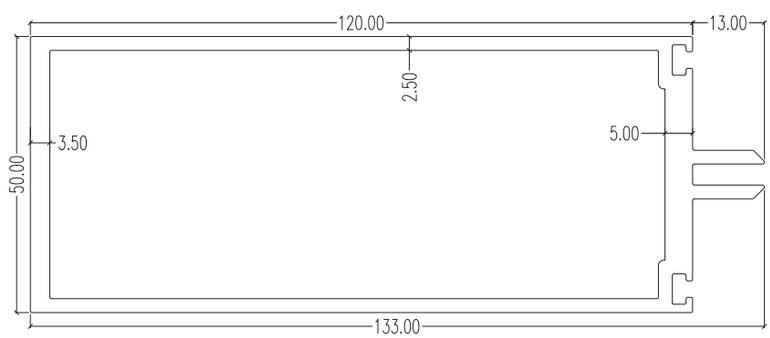
◇ *permissable bending stress governs*

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.

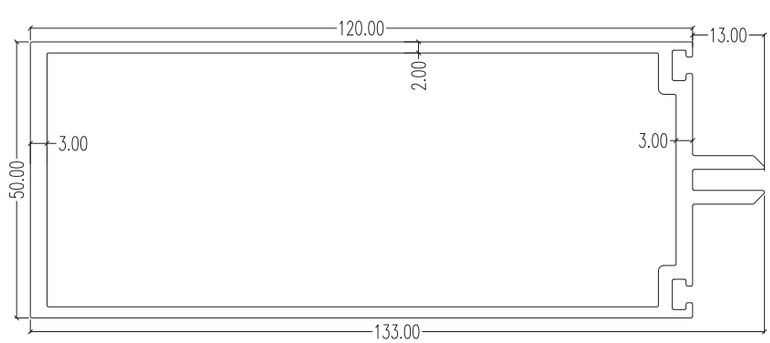
All design are properties of LB Aluminium Berhad



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

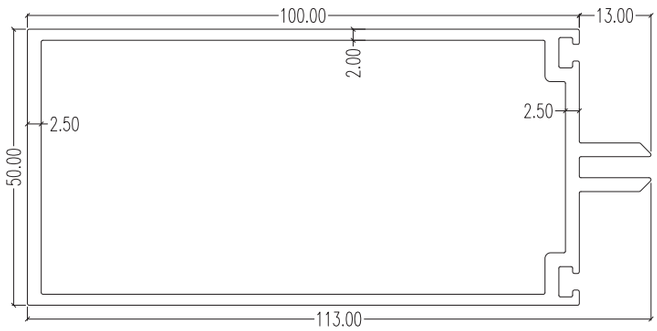


18867
LW : 2.781 kg/m
AP : 411.01 mm
Ixx : 39.49 cm⁴
Iyy : 215.40 cm⁴

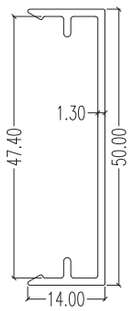


18865
LW : 2.251 kg/m
AP : 411.01 mm
Ixx : 32.88 cm⁴
Iyy : 179.10 cm⁴

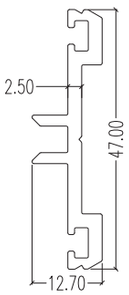
All design are properties of LB Aluminium Berhad



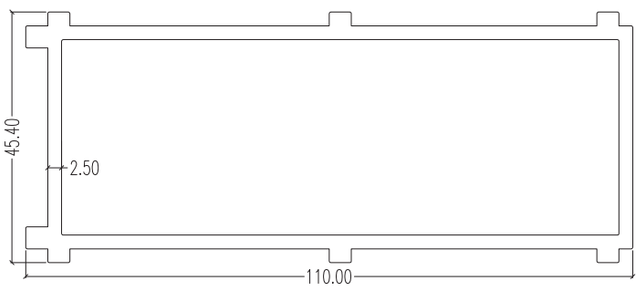
18866
LW : 1.924 kg/m
AP : 371.01 mm
Ixx : 27.74 cm⁴
Iyy : 108.20 cm⁴



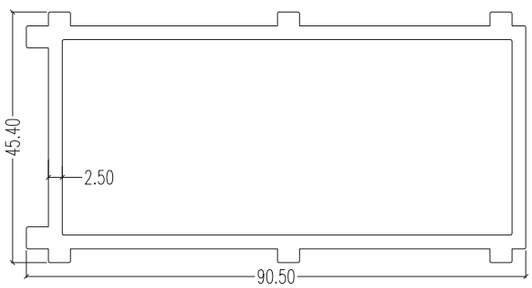
18878
LW : 0.292 kg/m
AP : 164.93 mm



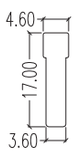
18879
LW : 0.476 kg/m
AP : 158.44 mm



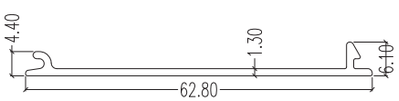
18882
LW : 2.167 kg/m
AP : 336.48 mm



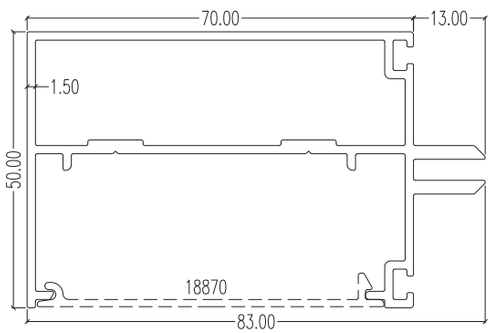
18881
LW : 1.902 kg/m
AP : 297.48 mm



18880
LW : 0.178 kg/m
AP : 42.26 mm

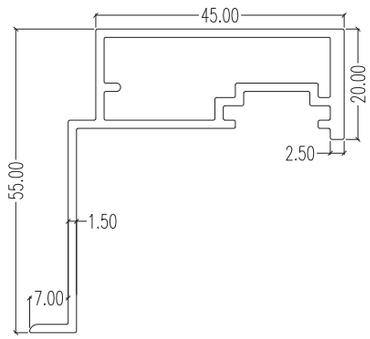


18870
LW : 0.257 kg/m
AP : 144.71 mm

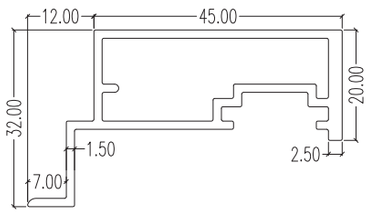


18869
LW : 1.280 kg/m
AP : 395.92 mm
Ixx : 9.29 cm⁴
Iyy : 37.40 cm⁴

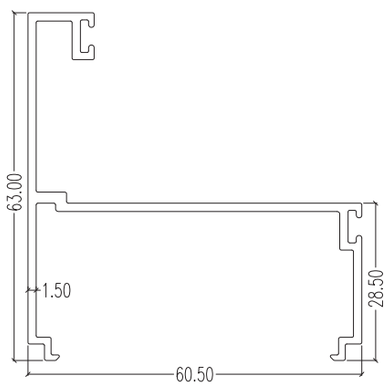
All design are properties of LB Aluminium Berhad



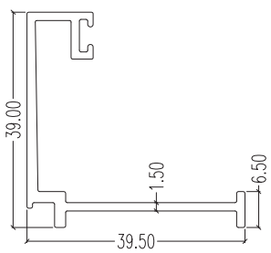
18871
LW : 0.808 kg/m
AP : 246.63 mm



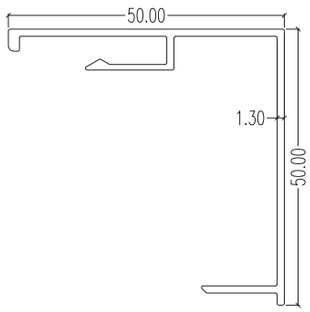
18873
LW : 0.715 kg/m
AP : 200.63 mm



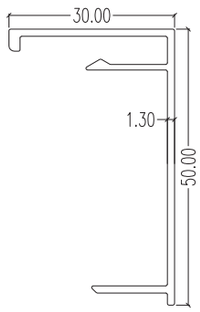
19874
LW : 0.742 kg/m
AP : 369.14 mm



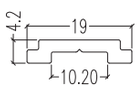
18872
LW : 0.456 kg/m
AP : 209.74 mm



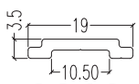
18876
LW : 0.475 kg/m
AP : 271.67 mm



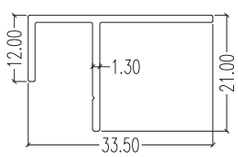
18877
LW : 0.383 kg/m
AP : 219.73 mm



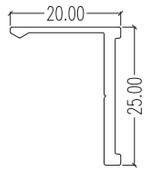
6987
LW : 0.140 kg/m
AP : 49.24 mm



6219
LW : 0.117 kg/m
AP : 45.58 mm



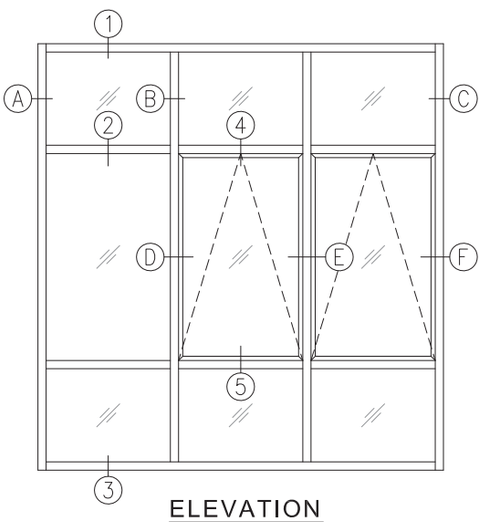
18874
LW : 0.225 kg/m
AP : 129.34 mm



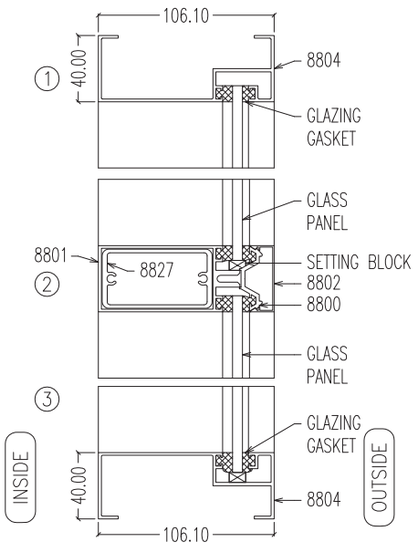
18875
LW : 0.197 kg/m
AP : 91.55 mm

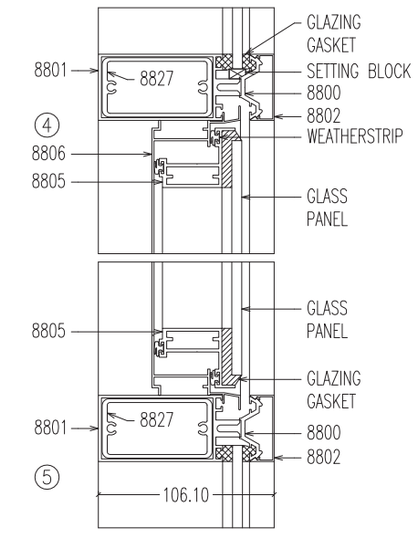
All design are properties of LB Aluminium Berhad

TYPICAL ASSEMBLY SECTIONAL DETAILS

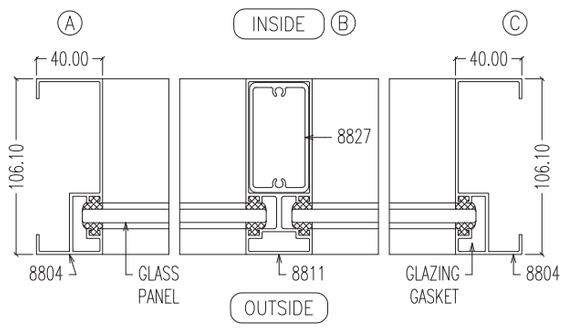


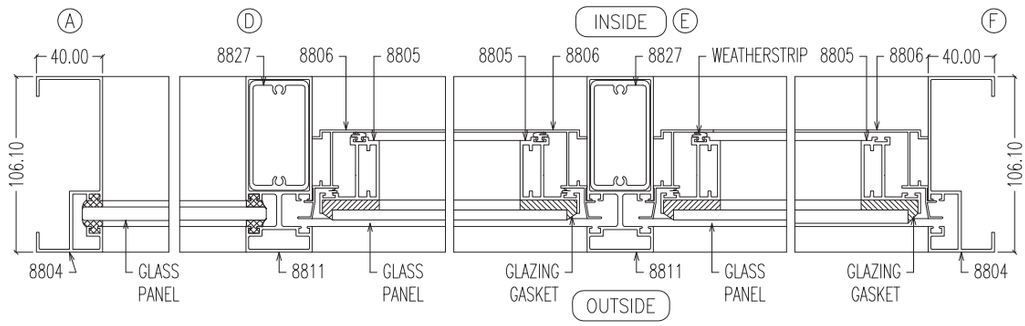
ELEVATION





VERTICAL SECTIONS

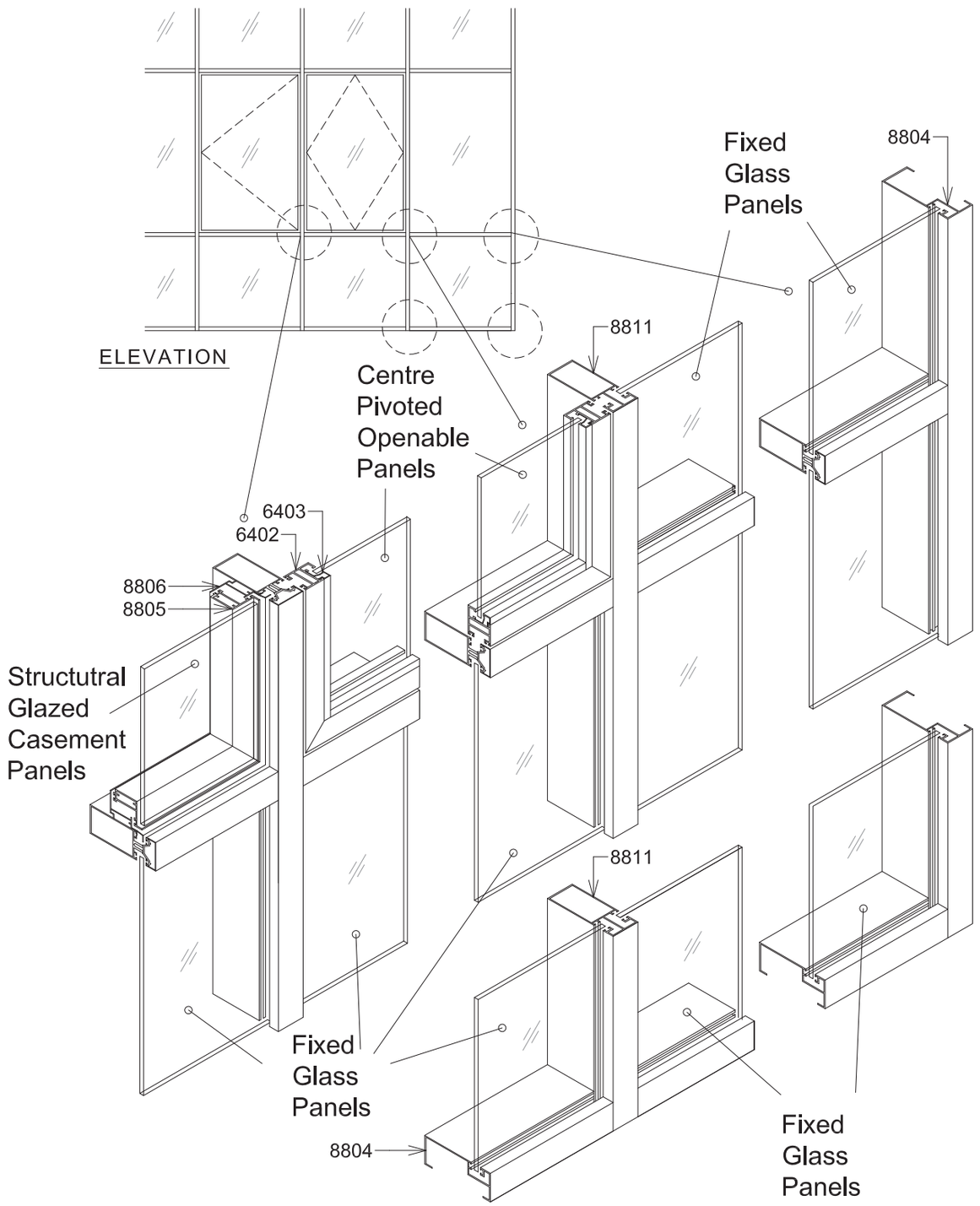




HORIZONTAL SECTIONS

All design are properties of LB Aluminium Berhad

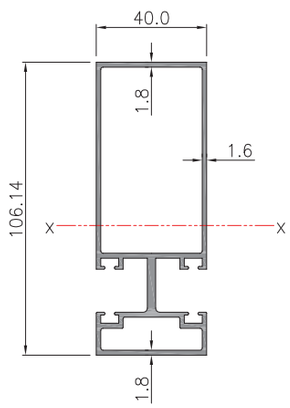
TYPICAL ISOMETRIC CUT-OFF VIEWS



All design are properties of LB Aluminium Berhad

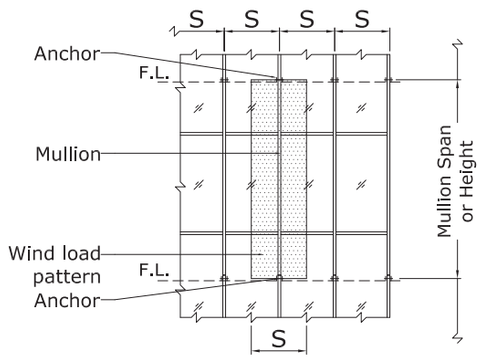
WIND LOAD CHART

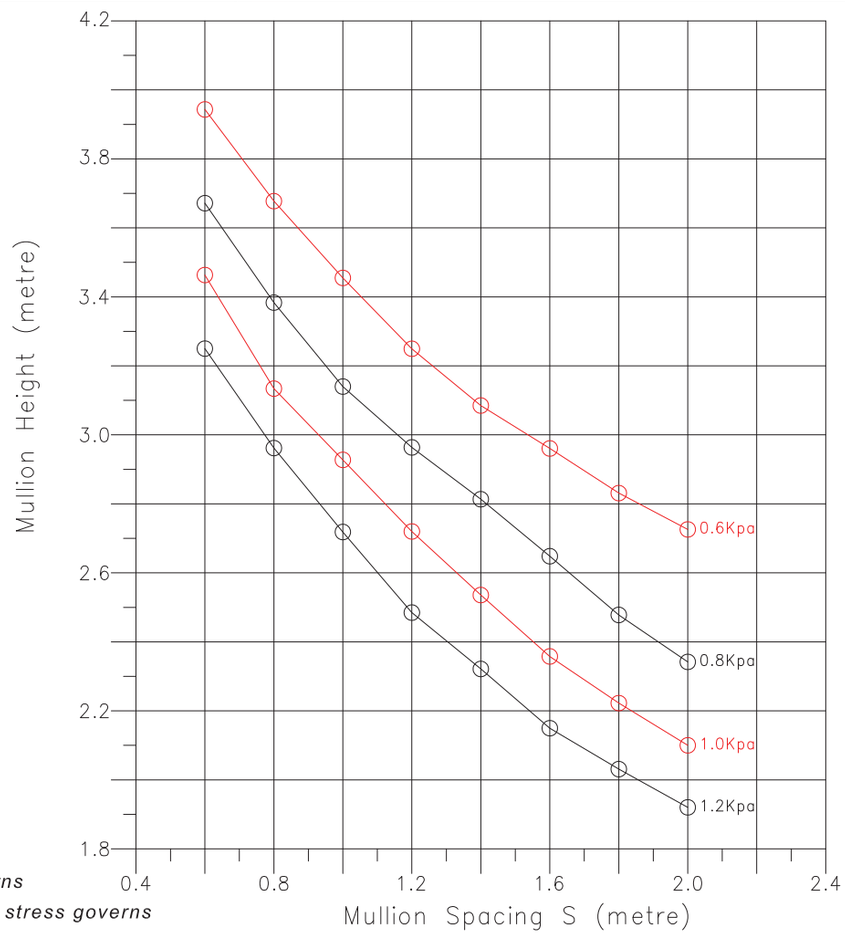
MULLION SECTION NO. : 8811
Aluminium Alloy : 6063-T5
Moment of Inertia Ixx : 80.6 cm^4
Mod. of Inertia Zxx : 13.8 cm^3



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.

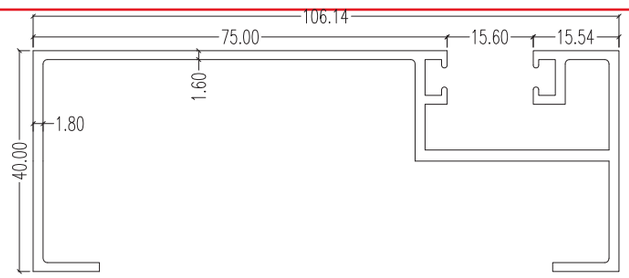
Typical Configuration of curtain wall :



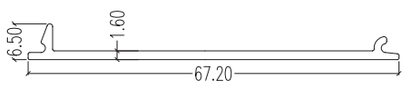


Legend:
○ *deflection limit governs*
◇ *permissable bending stress governs*

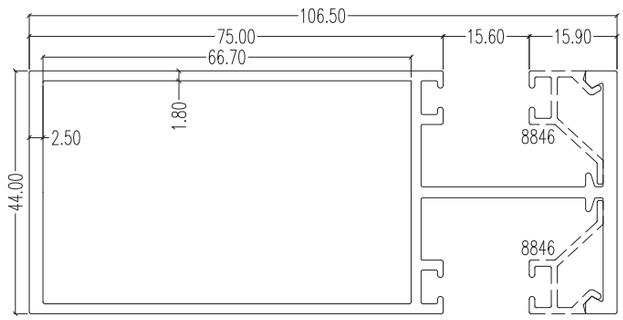
All design are properties of LB Aluminium Berhad



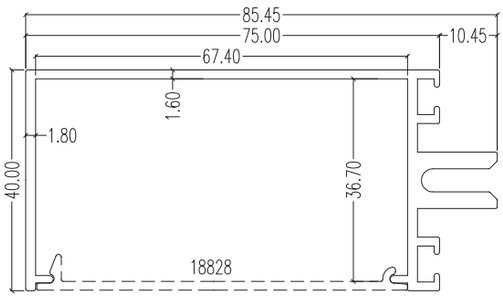
8804
LW : 1.228 kg/m
AP : 520.31 mm



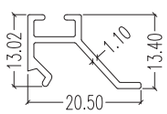
18828
LW : 0.316 kg/m
AP : 151.10 mm



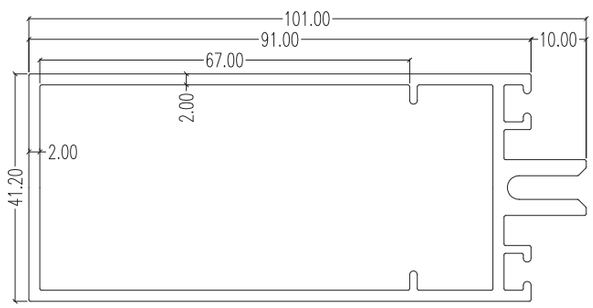
8845
LW : 1.795 kg/m
AP : 443.58 mm
Ixx : 17.3 cm⁴
Iyy : 92.9 cm⁴



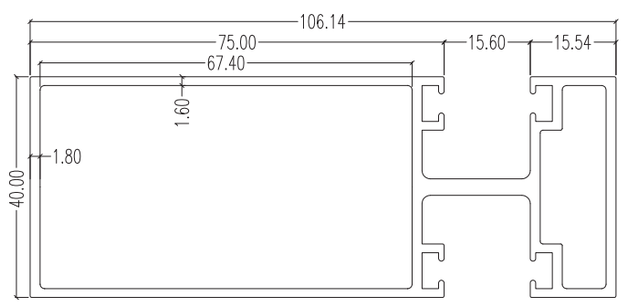
18829
LW : 1.033 kg/m
AP : 404.54 mm
Ixx : 6.1 cm⁴
Iyy : 36.3 cm⁴



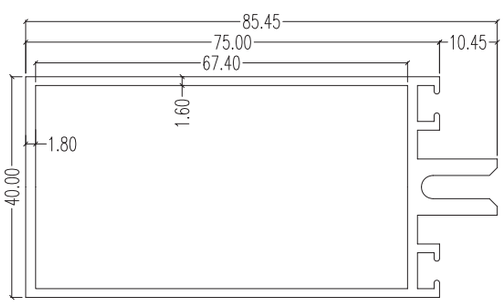
8846
LW : 0.139 kg/m
AP : 92.63 mm



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

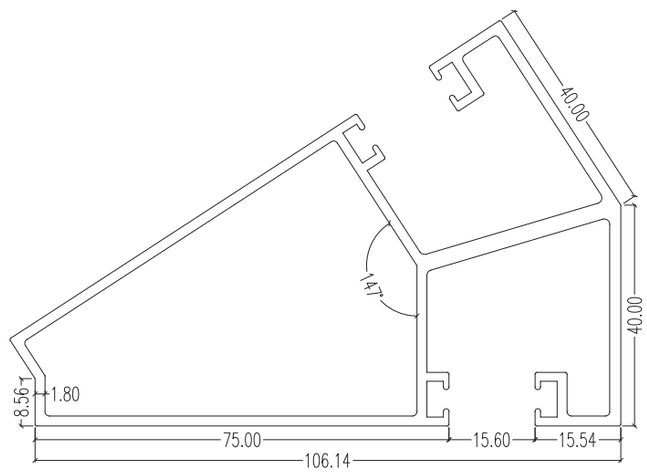


8811
LW : 1.772 kg/m
AP : 431.38 mm
Ixx : 14.3 cm⁴
Iyy : 80.6 cm⁴



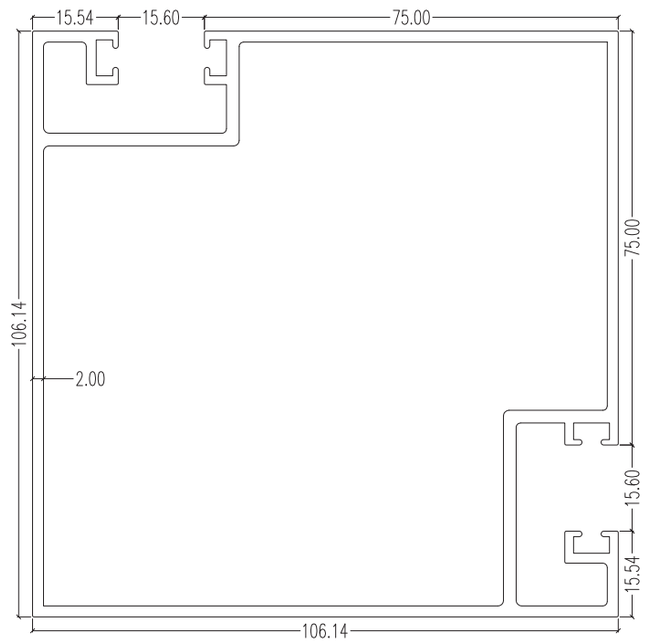
8801
LW : 1.303 kg/m
AP : 317.44 mm
Ixx : 10.8 cm⁴
Iyy : 36.3 cm⁴

All design are properties of LB Aluminium Berhad



8849

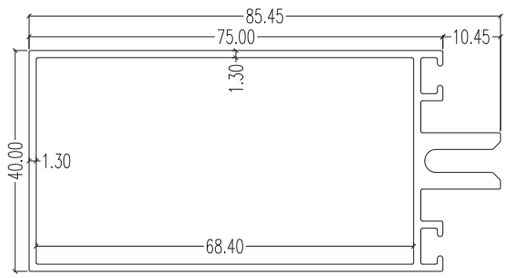
LW : 2.088 kg/m
AP : 593.47 mm
Ixx : 34.9 cm⁴
Iyy : 82.9 cm⁴



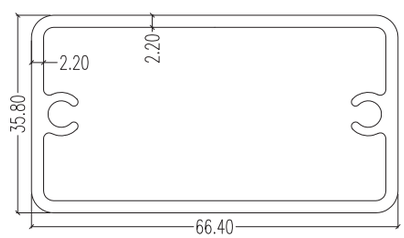
8850

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

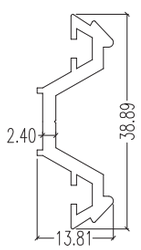
All design are properties of LB Aluminium Berhad



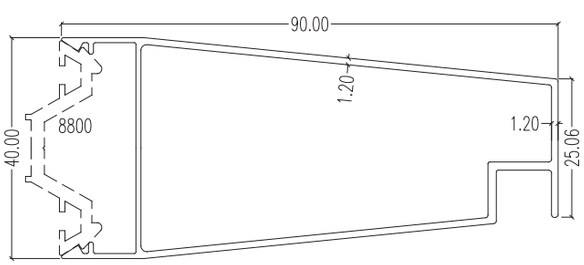
19868
LW : 1.079 kg/m
AP : 314.61 mm
Ixx : 8.84 cm⁴
Iyy : 33.73 cm⁴



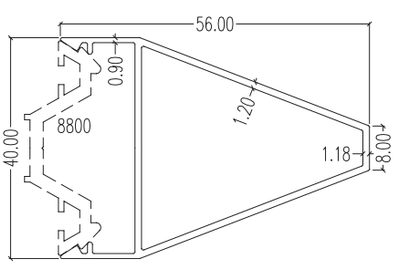
8827 (Bracket)
LW : 1.269 kg/m
AP : 197.53 mm



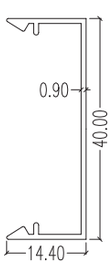
8800
LW : 0.375 kg/m
AP : 133.39 mm



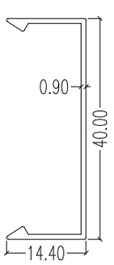
19830
LW : 0.805 kg/m
AP : 298.07 mm



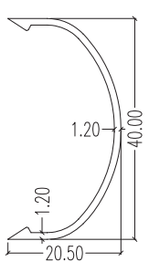
19838
LW : 0.526 kg/m
AP : 201.09 mm



8802
LW : 0.186 kg/m
AP : 144.64 mm

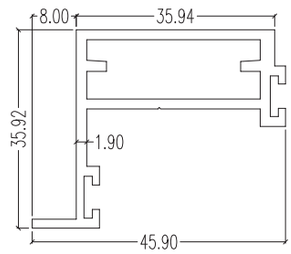


18842
LW : 0.177 kg/m
AP : 137.02 mm

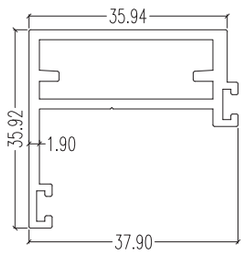


8832
LW : 0.215 kg/m
AP : 132.39 mm

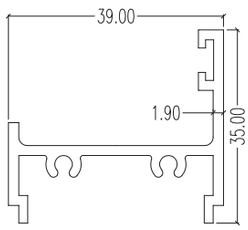
All design are properties of LB Aluminium Berhad



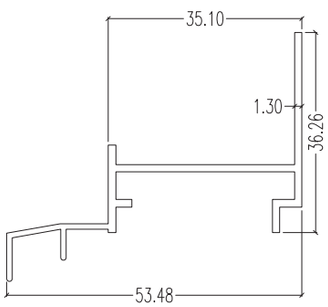
8805
LW : 0.764 kg/m
AP : 198.15 mm



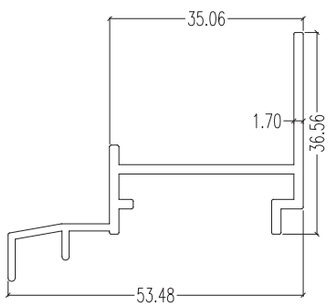
8890
LW : 0.675 kg/m
AP : 175.87 mm



8831
LW : 0.566 kg/m
AP : 229.62 mm



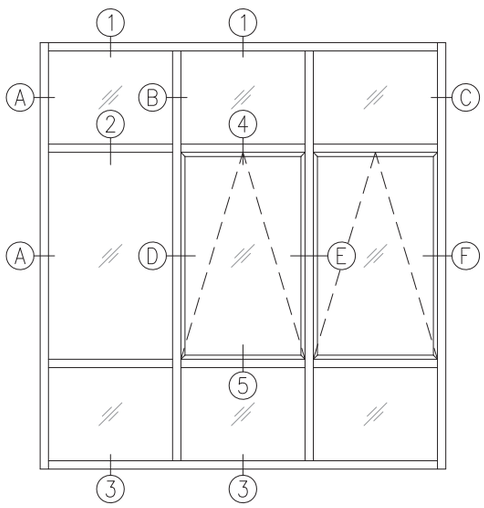
8806
LW : 0.435 kg/m
AP : 245.05 mm



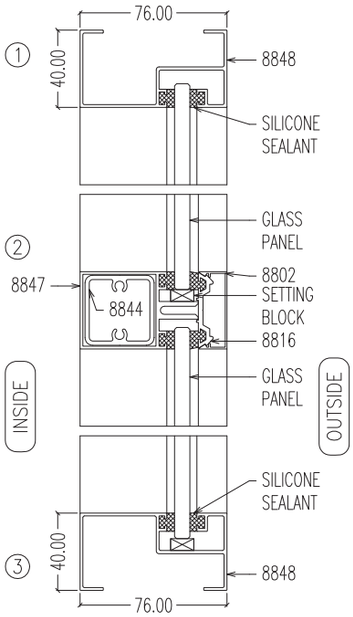
18814
LW : 0.529 kg/m
AP : 245.42 mm

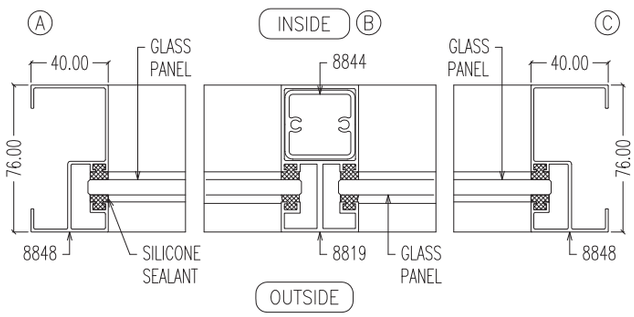
All design are properties of LB Aluminium Berhad

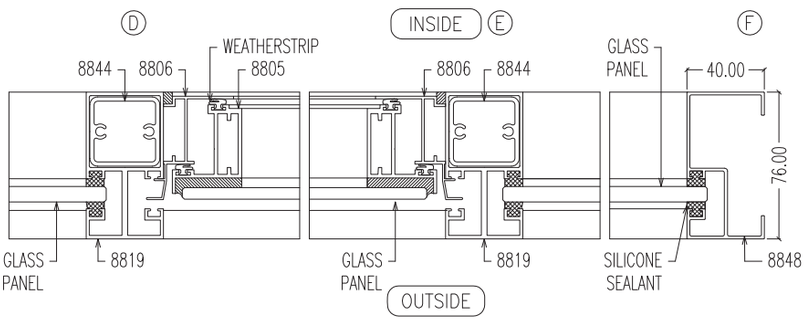
TYPICAL ASSEMBLY SECTIONAL DETAILS



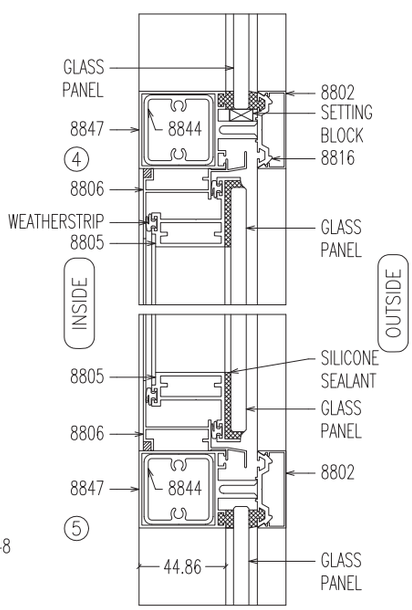
ELEVATION





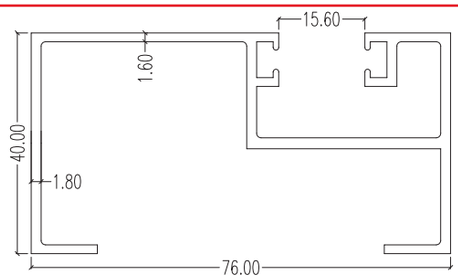


HORIZONTAL SECTIONS

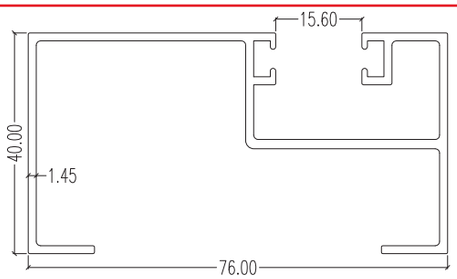


VERTICAL SECTIONS

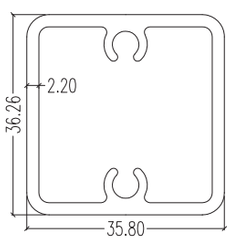
All design are properties of LB Aluminium Berhad



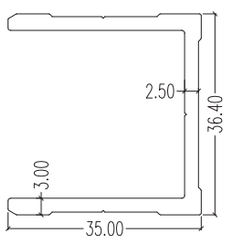
8818
LW : 1.093 kg/m
AP : 462.03 mm



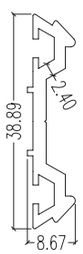
8848
LW : 0.936 kg/m
AP : 463.06 mm



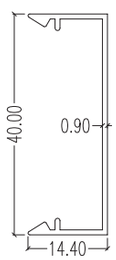
8844 (Bracket)
LW : 0.954 kg/m
AP : 141.01 mm



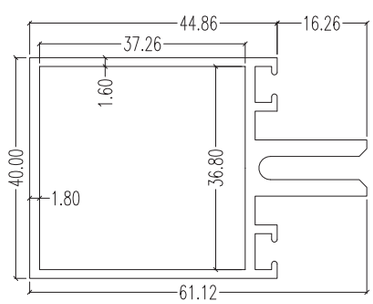
8898 (Bracket)
LW : 0.723 kg/m
AP : 206.26 mm



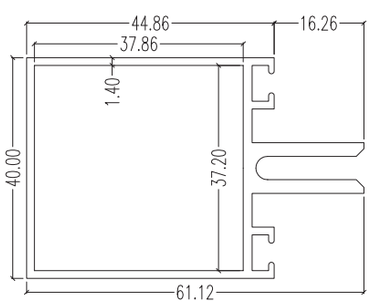
8816
LW : 0.334 kg/m
AP : 123.98 mm



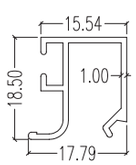
8802
LW : 0.186 kg/m
AP : 144.64 mm



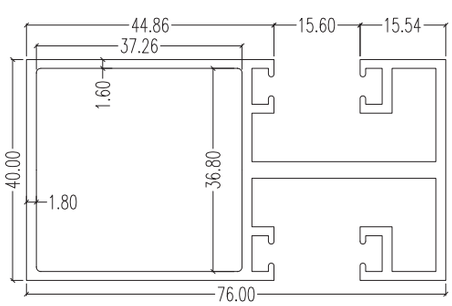
8817
LW : 1.136 kg/m
AP : 280.40 mm
Ixx : 7.25 cm⁴
Iyy : 15.44 cm⁴



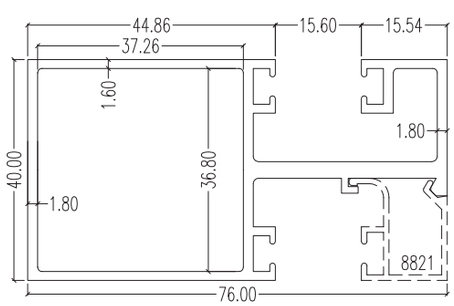
8847
LW : 0.971 kg/m
AP : 279.32 mm
Ixx : 6.39 cm⁴
Iyy : 12.83 cm⁴



8821
LW : 0.181 kg/m
AP : 131.97 mm

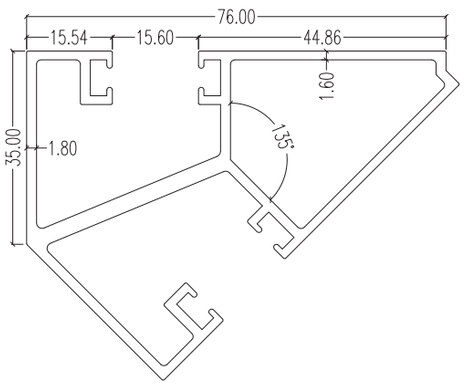


8819
LW : 1.519 kg/m
AP : 457.03 mm
Ixx : 10.60 cm⁴
Iyy : 35.60 cm⁴

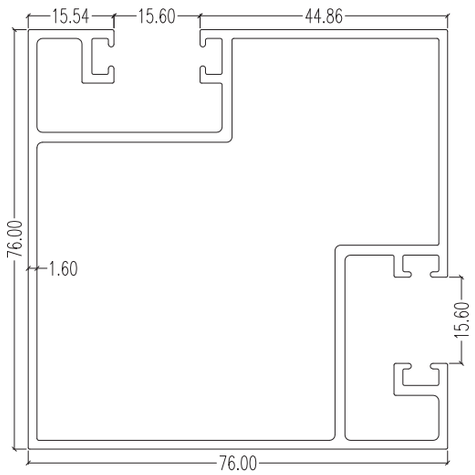


8820
LW : 1.340 kg/m
AP : 382.46 mm

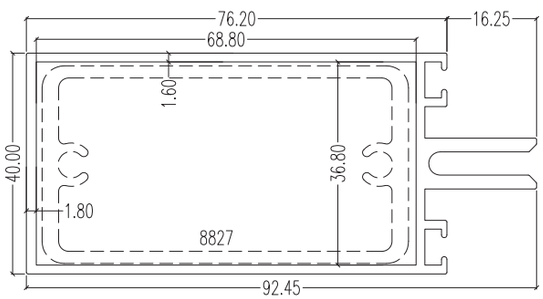
All design are properties of LB Aluminium Berhad



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

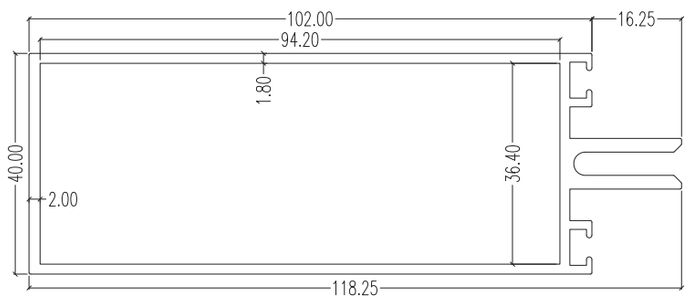


19825
LW : 1.852 kg/m
AP : 527.97 mm
Ixx : 52.48 cm⁴
Iyy : 52.48 cm⁴

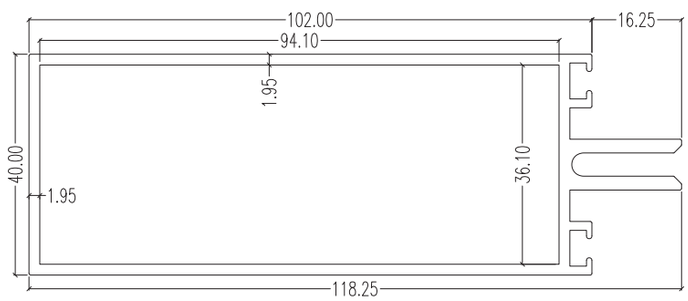


8899
LW : 1.333 kg/m
AP : 341.96 mm
Ixx : 10.90 cm⁴
Iyy : 45.98 cm⁴

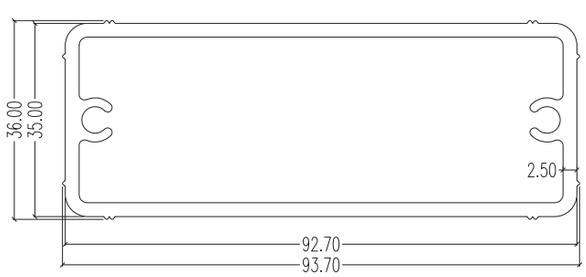
All design are properties of LB Aluminium Berhad



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



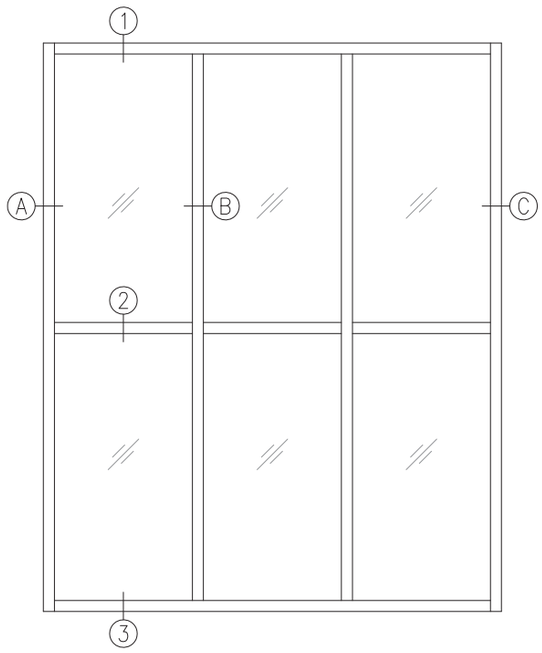
18834
LW : 1.782 kg/m
AP : 394.26 mm
Ixx : 16.25 cm⁴
Iyy : 98.04 cm⁴



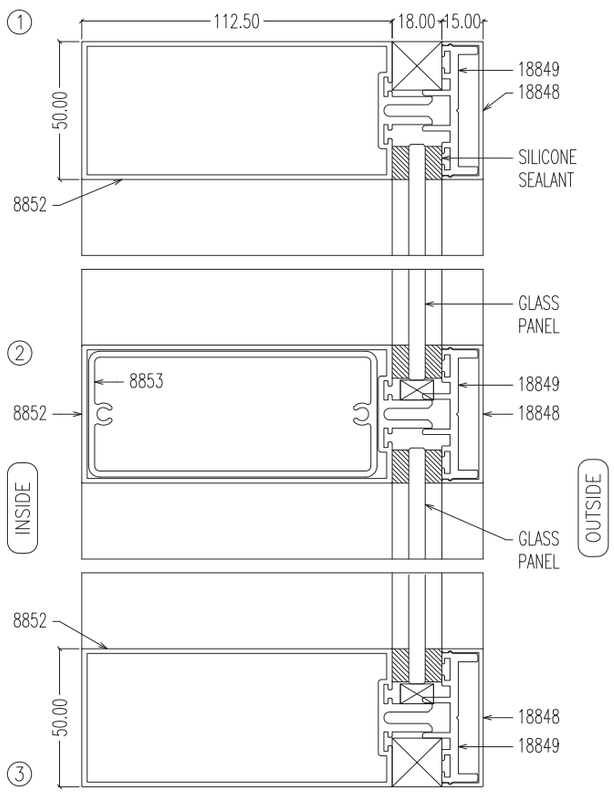
19869
LW : 1.770 kg/m
AP : 253.85 mm

All design are properties of LB Aluminium Berhad

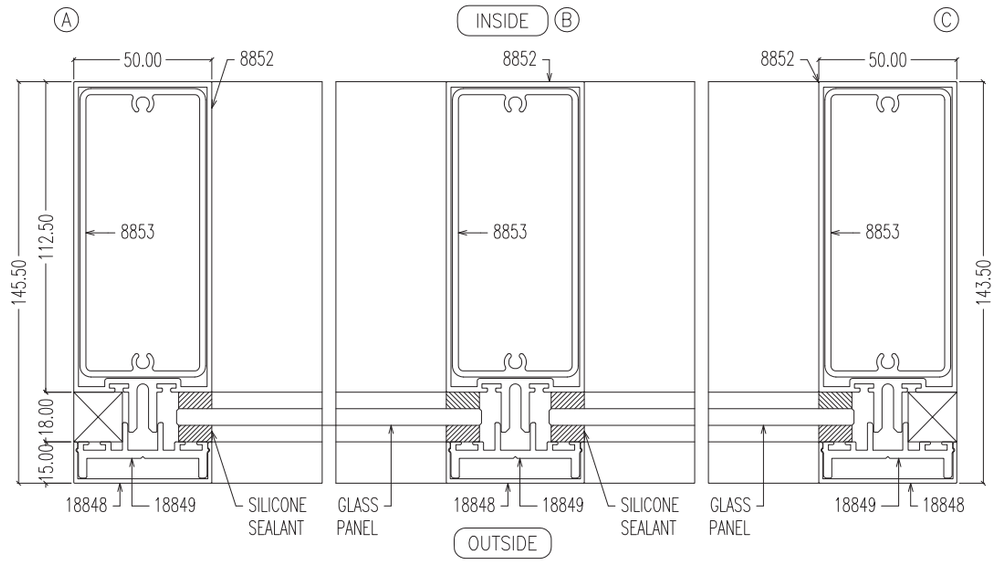
TYPICAL ASSEMBLY SECTIONAL DETAILS



ELEVATION

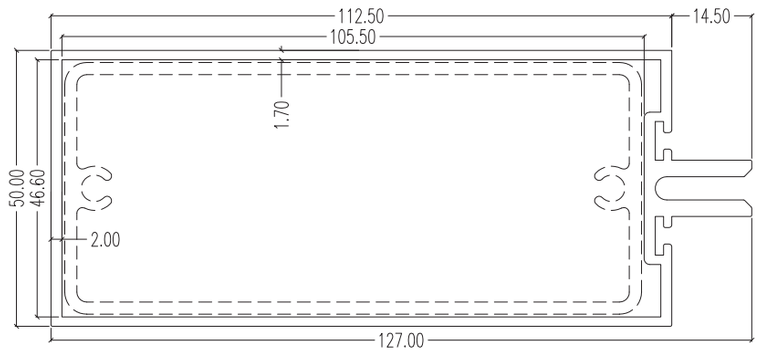


VERTICAL SECTIONS

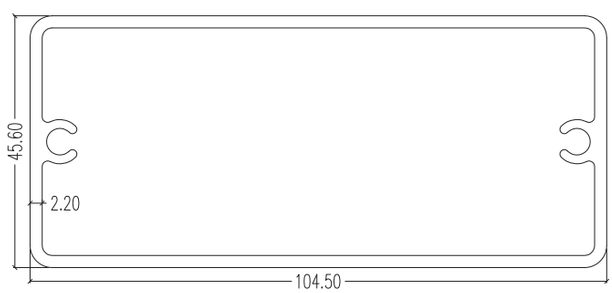


HORIZONTAL SECTIONS

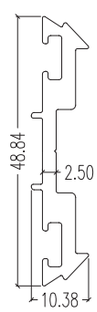
All design are properties of LB Aluminium Berhad



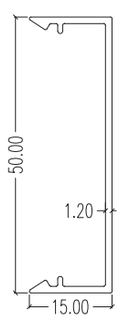
8852
LW : 1.886 kg/m
AP : 411.36 mm
Ixx : 26.09 cm⁴
Iyy : 134.11 cm⁴



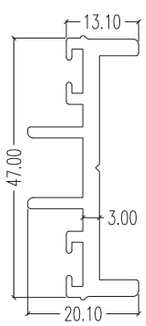
8853 (Bracket)
LW : 1.846 kg/m
AP : 293.33 mm



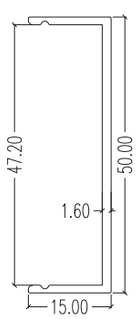
19819
LW : 0.505 kg/m
AP : 149.08 mm



19820
LW : 0.267 kg/m
AP : 163.54 mm

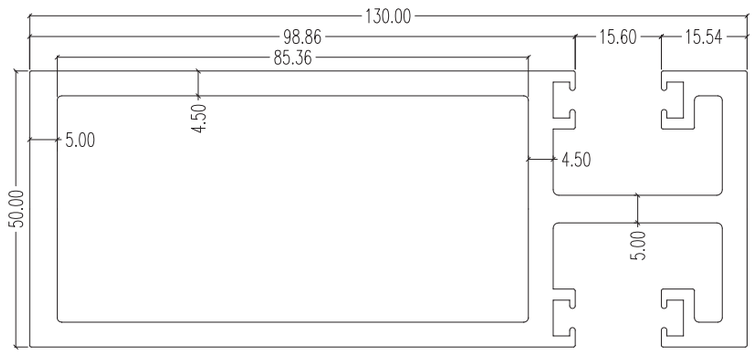


18849
LW : 0.687 kg/m
AP : 204.34 mm



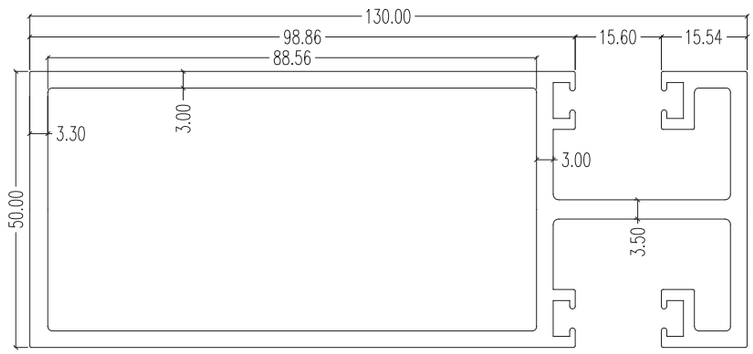
18848
LW : 0.314 kg/m
AP : 156.70 mm

All design are properties of LB Aluminium Berhad



8889

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

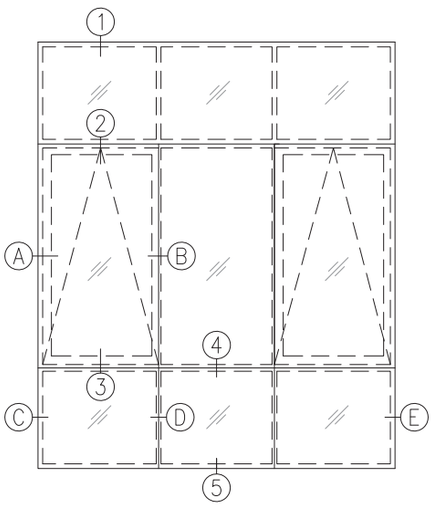


8894

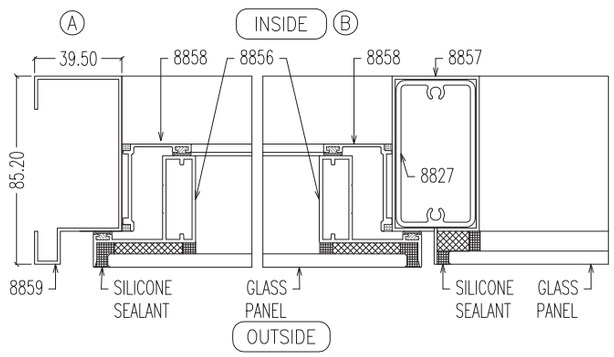
LW : 3.780 kg/m
AP : 597.23 mm
Ixx : 46.0 cm⁴
Iyy : 250.7 cm⁴

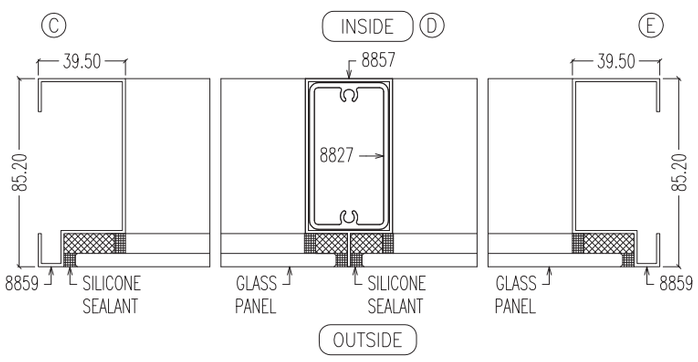
All design are properties of LB Aluminium Berhad

TYPICAL ASSEMBLY SECTIONAL DETAILS

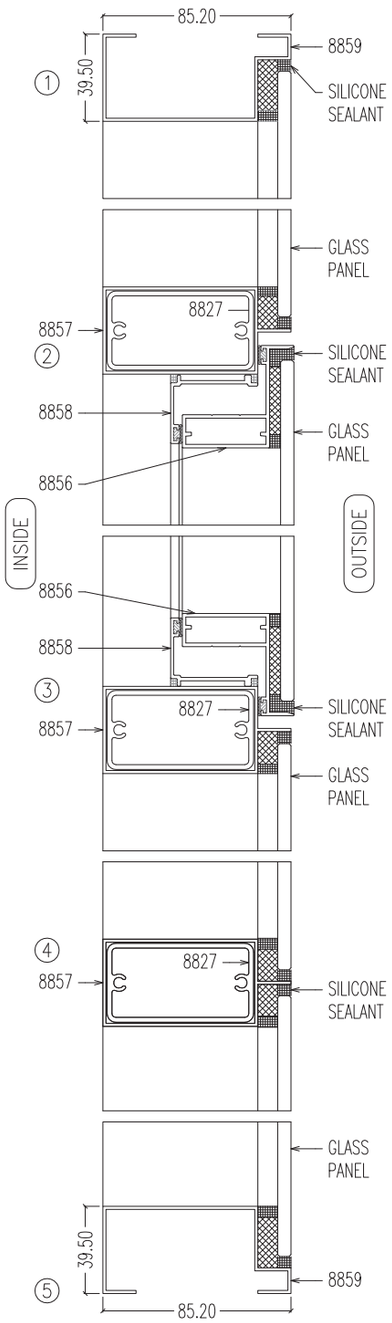


ELEVATION



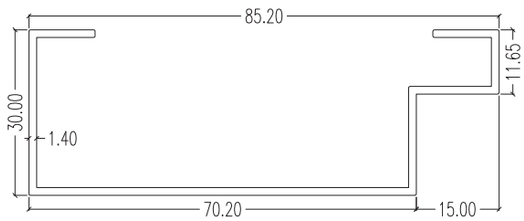


HORIZONTAL SECTIONS

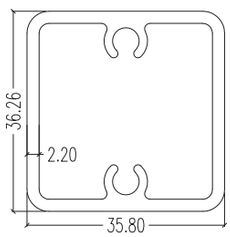


VERTICAL SECTIONS

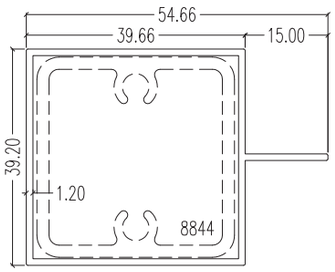
All design are properties of LB Aluminium Berhad



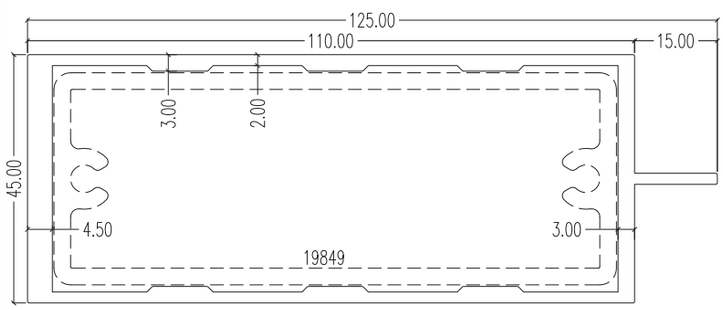
8859
LW : 0.621 kg/m
AP : 328.71 mm



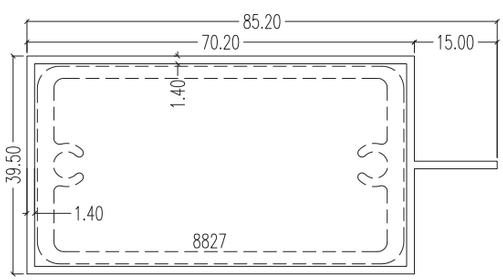
8844 (Bracket)
LW : 0.954 kg/m
AP : 141.01 mm



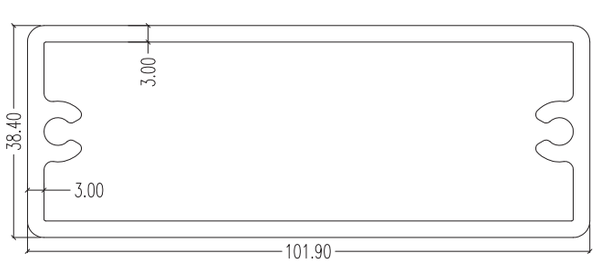
18853
LW : 0.546 kg/m
AP : 186.95 mm
Ixx : 4.4 cm⁴
Iyy : 5.8 cm⁴



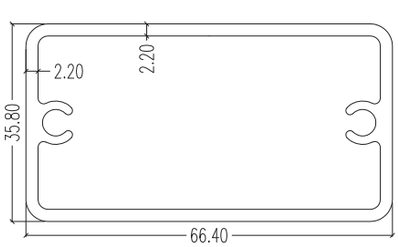
8897
LW : 2.288 kg/m
AP : 339.23 mm
Ixx : 27.3 cm⁴
Iyy : 146.1 cm⁴



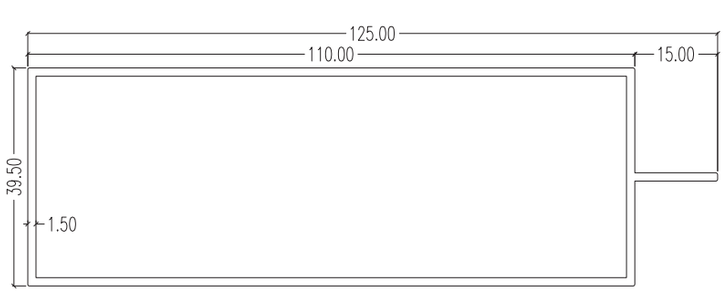
8857
LW : 0.869 kg/m
AP : 248.63 mm
Ixx : 8.3 cm⁴
Iyy : 23.8 cm⁴



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

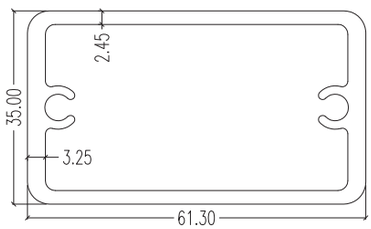


8827 (Bracket)
LW : 1.269 kg/m
AP : 197.53 mm

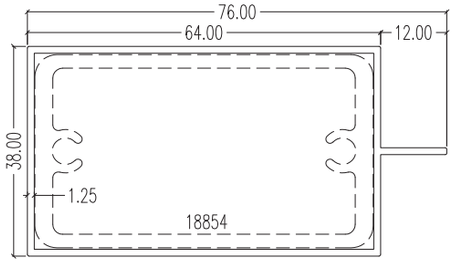


8896
LW : 1.253 kg/m
AP : 328.23 mm
Ixx : 13.1 cm⁴
Iyy : 73.9 cm⁴

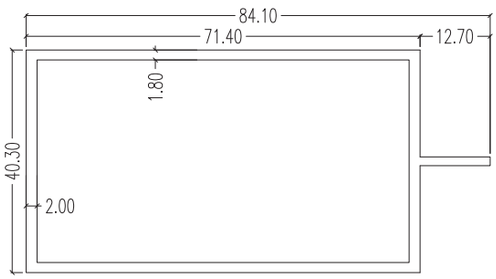
All design are properties of LB Aluminium Berhad



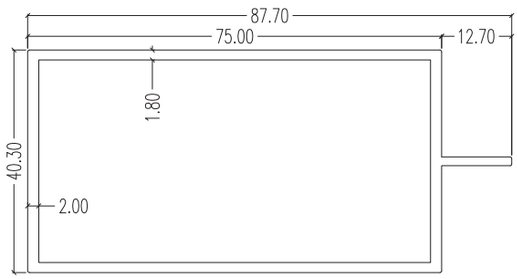
18854 (Bracket)
LW : 1.416 kg/m
AP : 185.73 mm



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

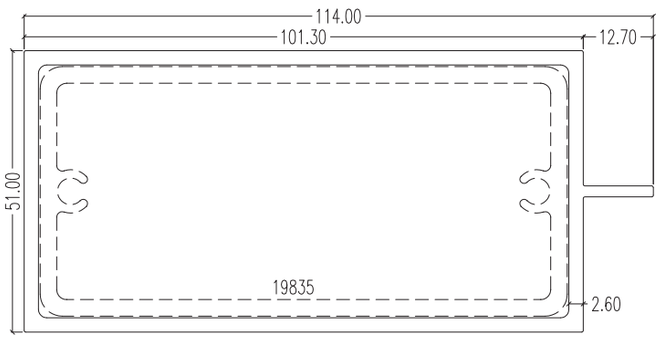


8851
LW : 1.150 kg/m
AP : 248.03 mm
Ixx : 11.2 cm⁴
Iyy : 32.1 cm⁴

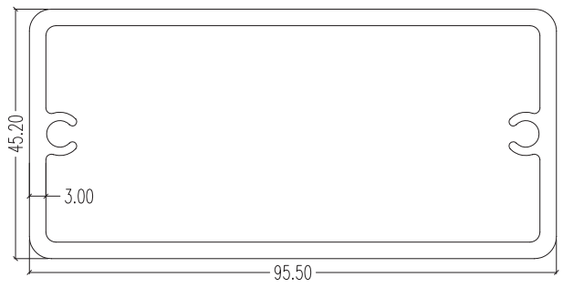


8883
LW : 1.185 kg/m
AP : 255.23 mm
Ixx : 11.70 cm⁴
Iyy : 36.0 cm⁴

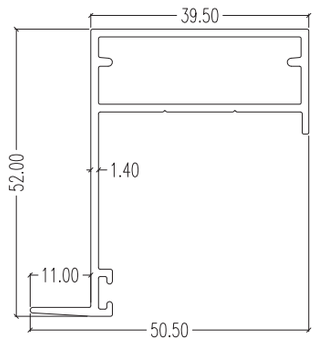
All design are properties of LB Aluminium Berhad



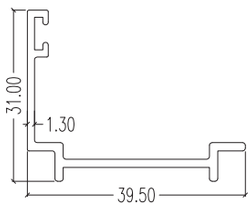
19836
LW : 2.148 kg/m
AP : 328.97 mm
Ixx : 35.1 cm⁴
Iyy : 111.50 cm⁴



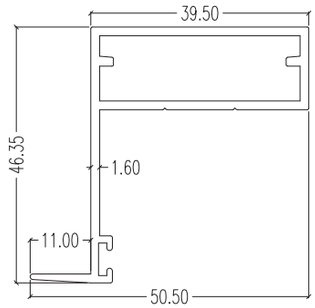
19835(Bracket)
LW : 2.271 kg/m
AP : 274.53 mm



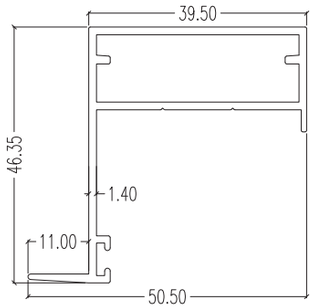
19839
LW : 0.627 kg/m
AP : 225.22 mm



8858
LW : 0.315 kg/m
AP : 159.28 mm



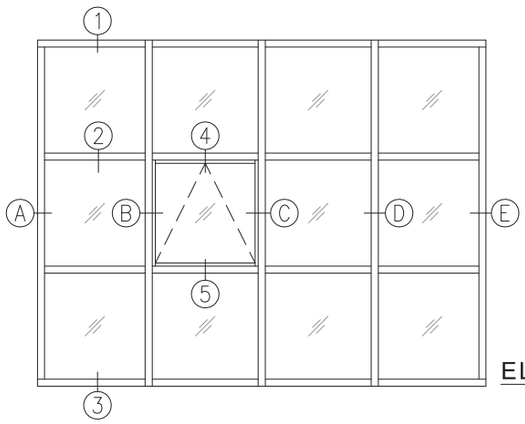
8856
LW : 0.661 kg/m
AP : 206.67 mm



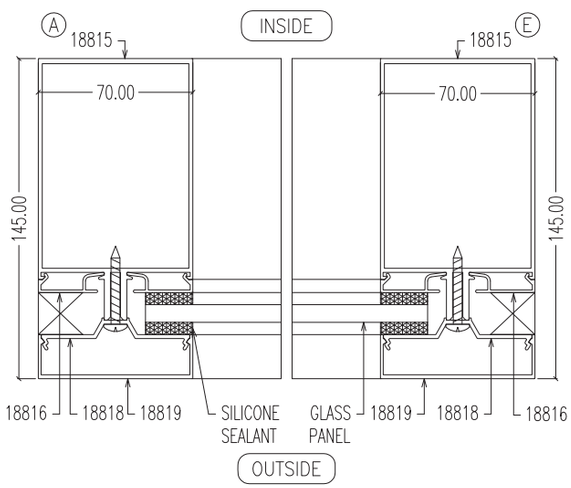
18840
LW : 0.604 kg/m
AP : 214.94 mm

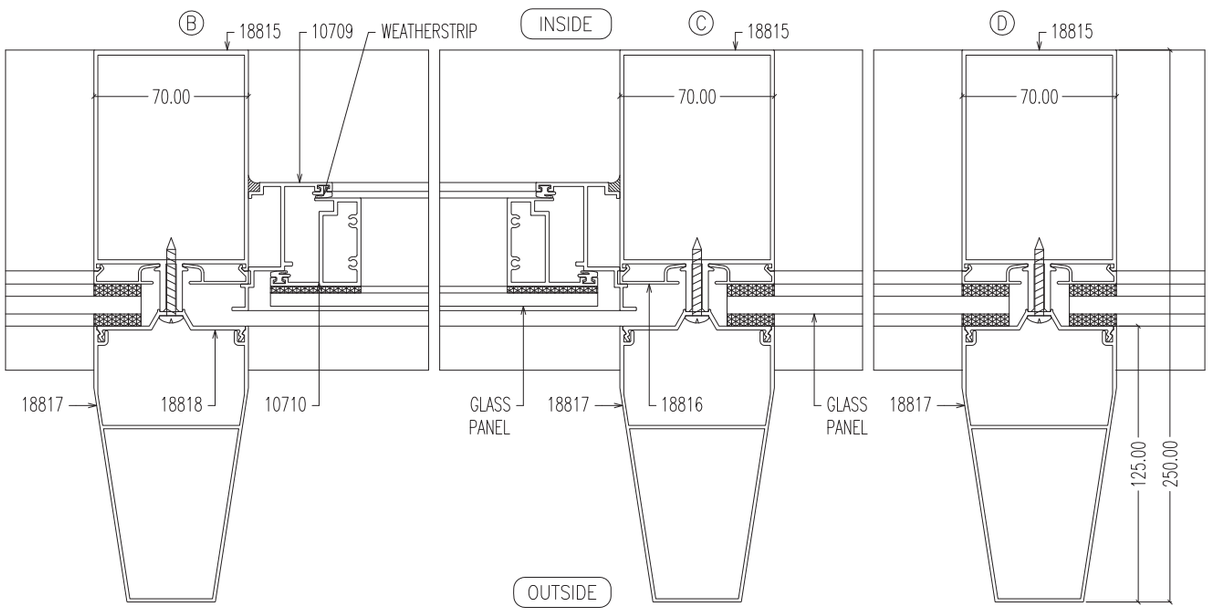
All design are properties of LB Aluminium Berhad

TYPICAL ASSEMBLY SECTIONAL DETAILS



ELEVATION

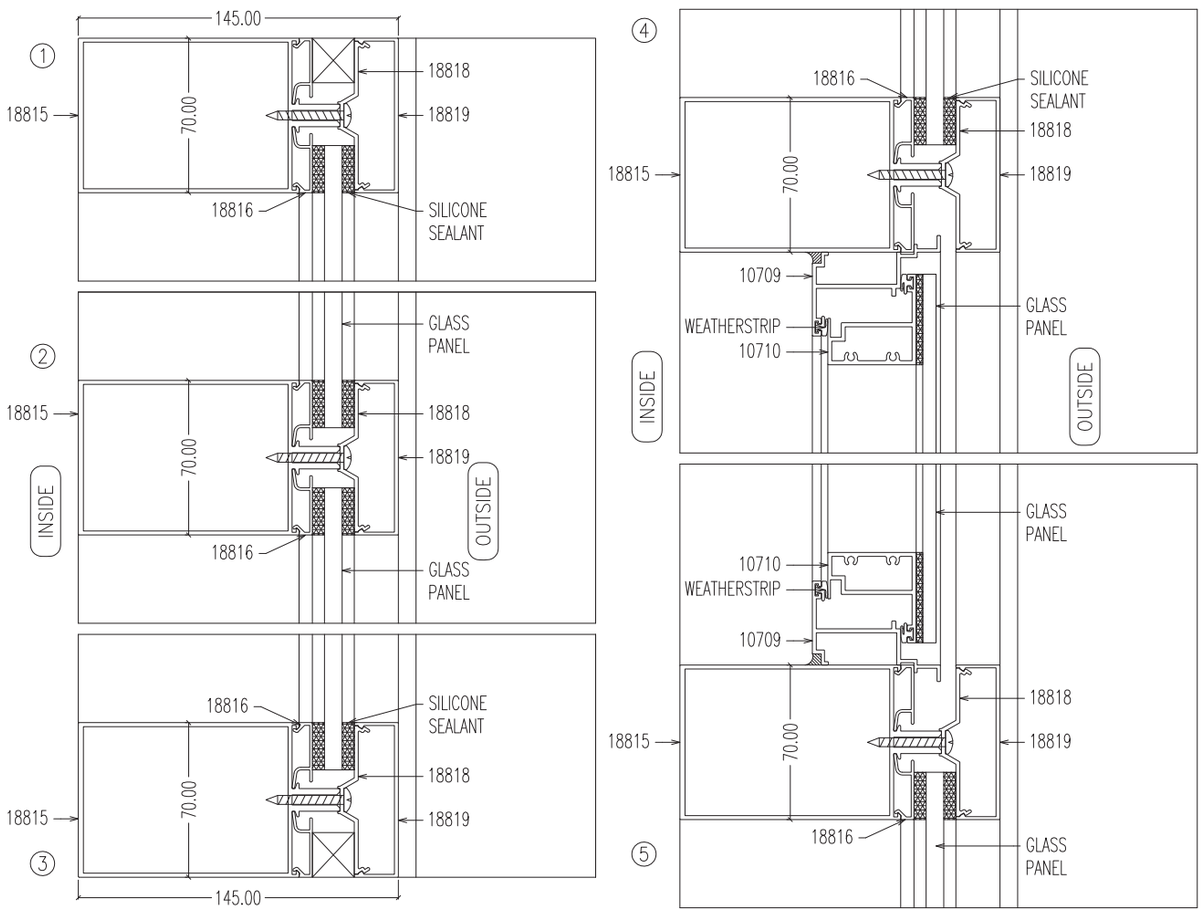




HORIZONTAL SECTIONS

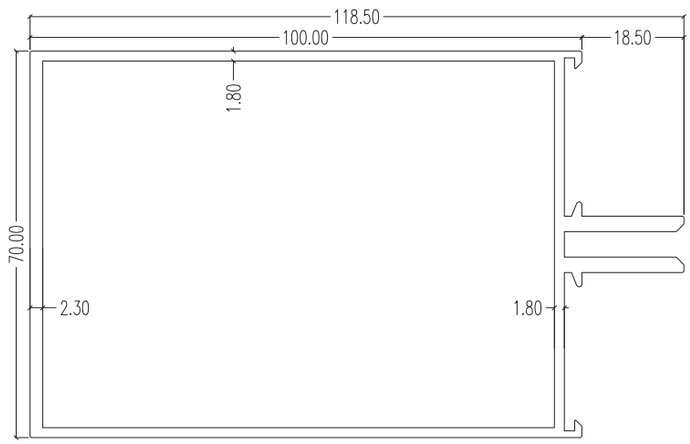
All design are properties of LB Aluminium Berhad

TYPICAL ASSEMBLY SECTIONAL DETAILS

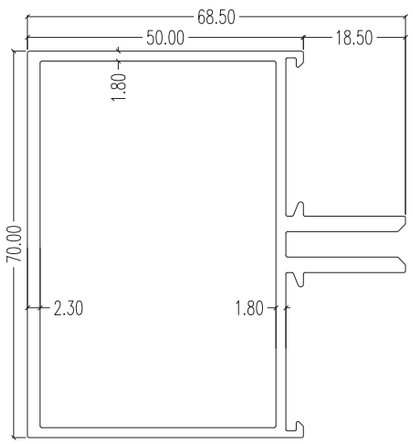


VERTICAL SECTIONS

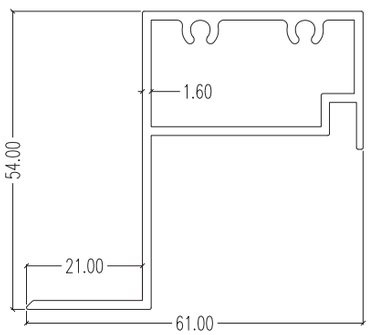
All design are properties of LB Aluminium Berhad



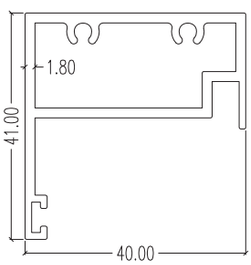
18815
LW : 2.057 kg/m
AP : 445.16 mm
Ixx : 52.10 cm⁴
Iyy : 129.70 cm⁴



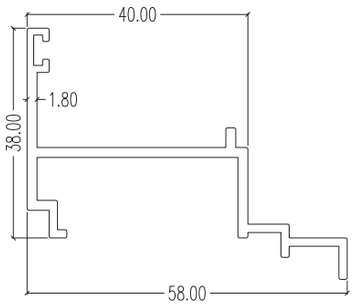
19821
LW : 1.570 kg/m
AP : 342.88 mm
Ixx : 31.1 cm⁴
Iyy : 29.7 cm⁴



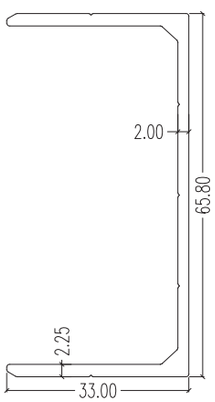
18821
LW : 0.830 kg/m
AP : 233.51 mm



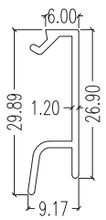
10710
LW : 0.751 kg/m
AP : 192.25 mm



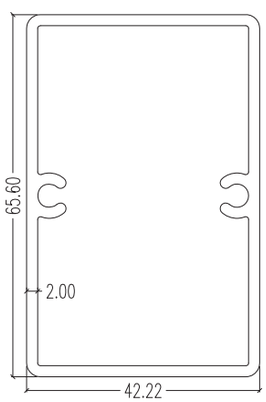
10709
LW : 0.610 kg/m
AP : 271.74 mm



19831
LW : 0.751 kg/m
AP : 254.82 mm

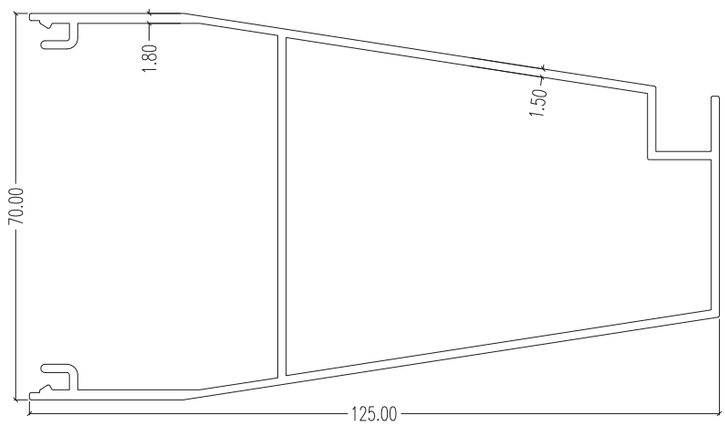


18816
LW : 0.168 kg/m
AP : 103.19 mm

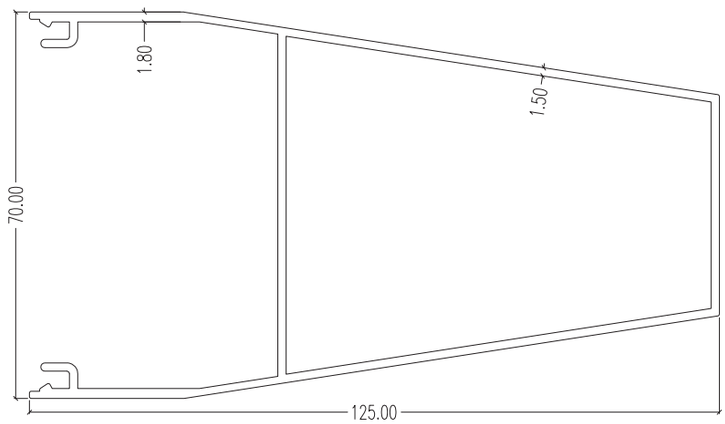


19880
LW : 1.231 kg/m
AP : 211.35 mm

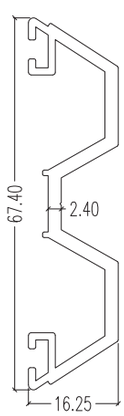
All design are properties of LB Aluminium Berhad



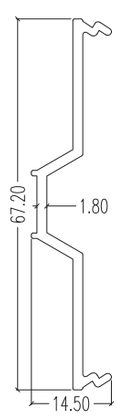
18820
LW : 1.585 kg/m
AP : 506.25 mm



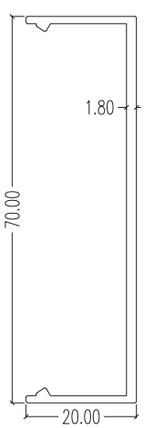
18817
LW : 1.538 kg/m
AP : 484.86 mm



18843
LW : 0.682 kg/m
AP : 253.80 mm



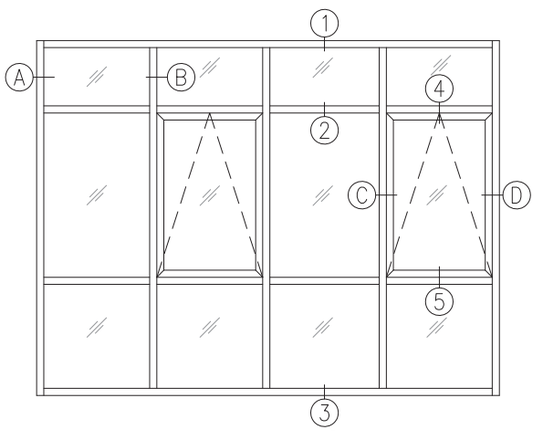
18818
LW : 0.416 kg/m
AP : 174.03 mm



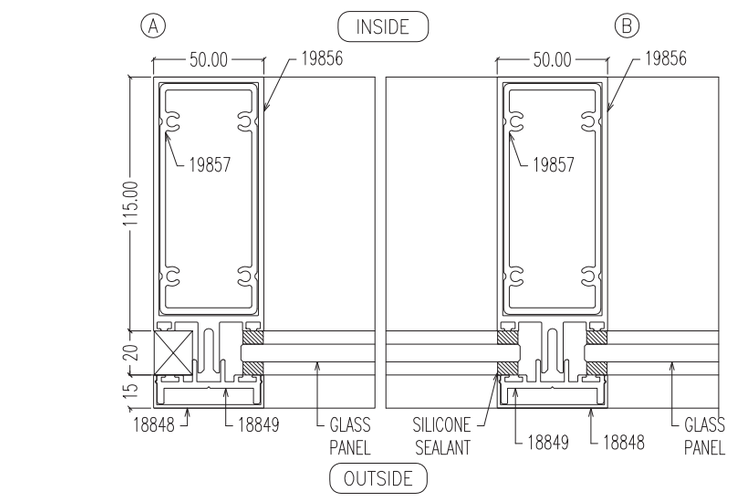
18819
LW : 0.482 kg/m
AP : 218.58 mm

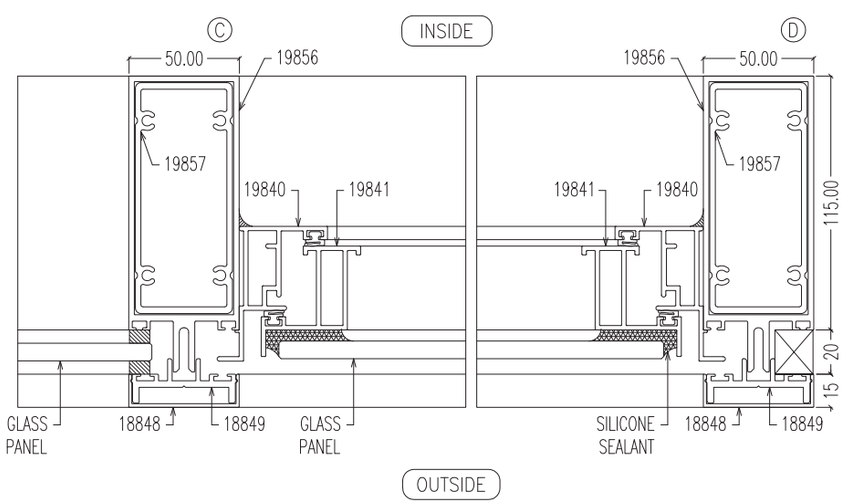
All design are properties of LB Aluminium Berhad

TYPICAL ASSEMBLY SECTIONAL DETAILS



ELEVATION

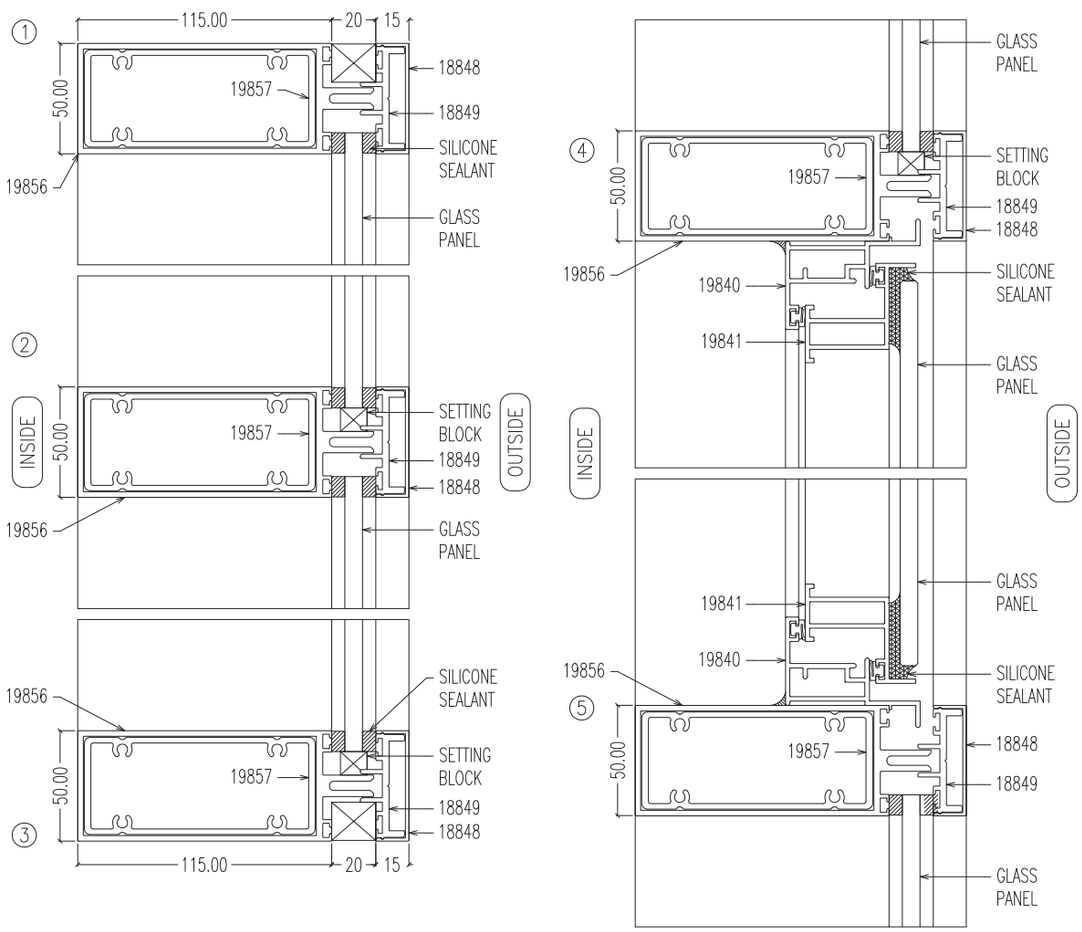




HORIZONTAL SECTIONS

All design are properties of LB Aluminium Berhad

TYPICAL ASSEMBLY SECTIONAL DETAILS

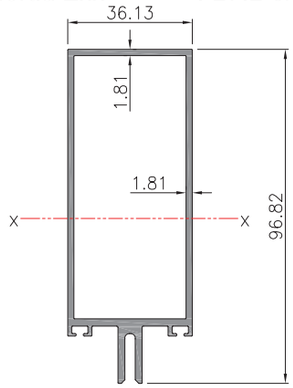


VERTICAL SECTIONS

All design are properties of LB Aluminium Berhad

WIND LOAD CHART

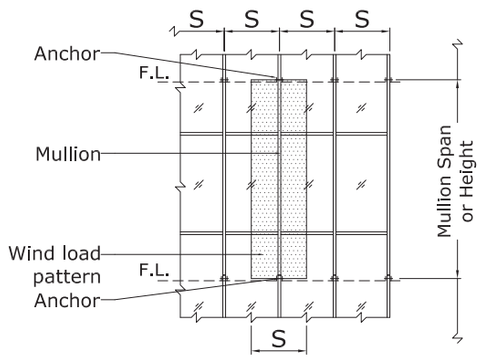
MULLION SECTION NO. : 19856
Aluminium Alloy : 6063-T5
Moment of Inertia Ixx : 185.0 cm^4
Mod. of Inertia Zxx : 27.2 cm^3

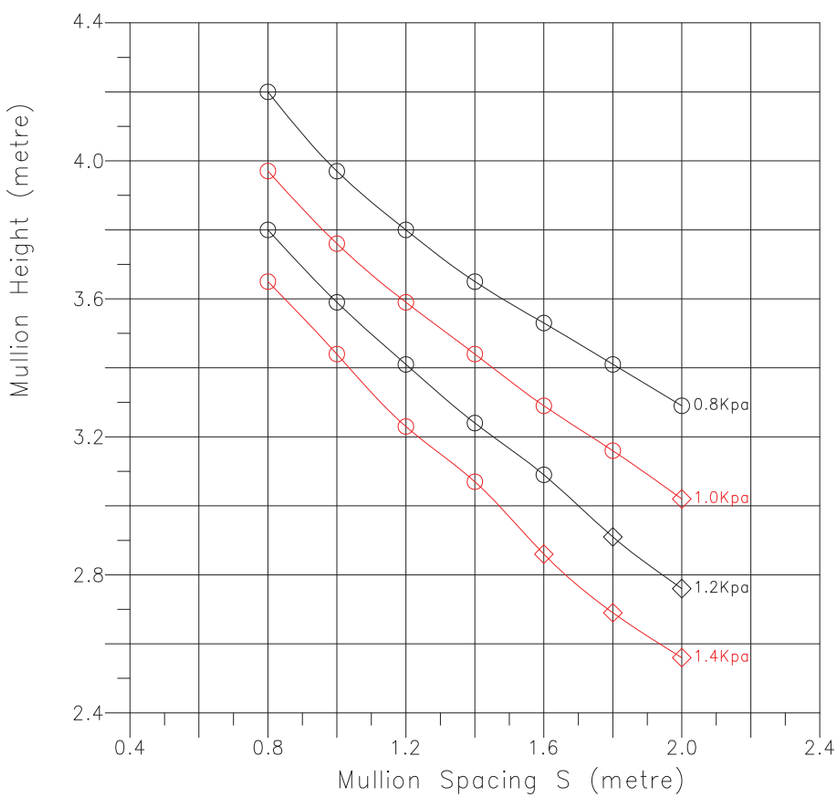


Note:
Suffix xx is axis perpendicular to wind load

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.

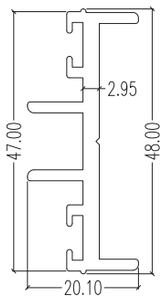
Typical Configuration of curtain wall :



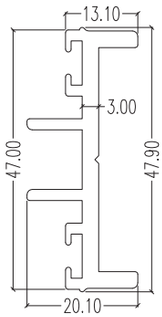


Legend:
○ *deflection limit governs*
◇ *permissable bending stress governs*

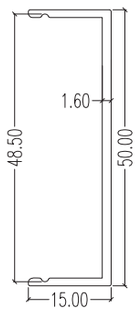
All design are properties of LB Aluminium Berhad



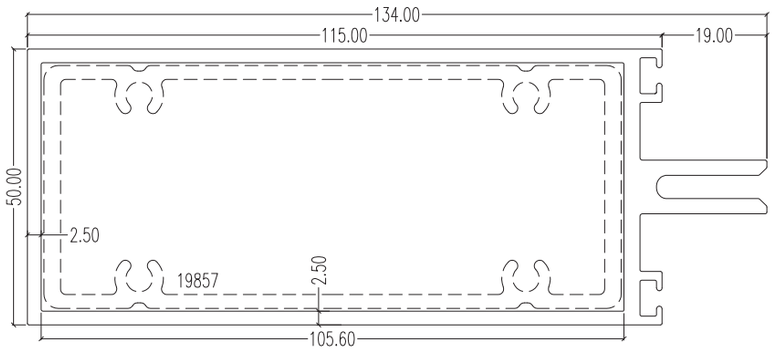
18856
LW : 0.640 kg/m
AP : 203.99 mm



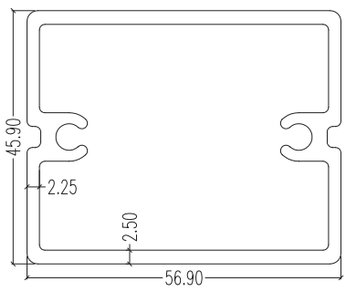
18849
LW : 0.687 kg/m
AP : 204.34 mm



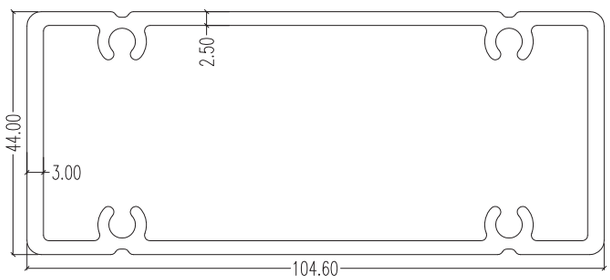
18848
LW : 0.314 kg/m
AP : 156.70 mm



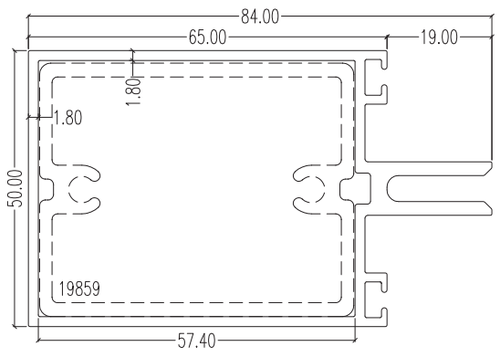
19856
LW : 2.630 kg/m
AP : 447.49 mm
Ixx : 37.0 cm⁴
Iyy : 185.1 cm⁴



19859
LW : 1.495 kg/m
AP : 208.73 mm

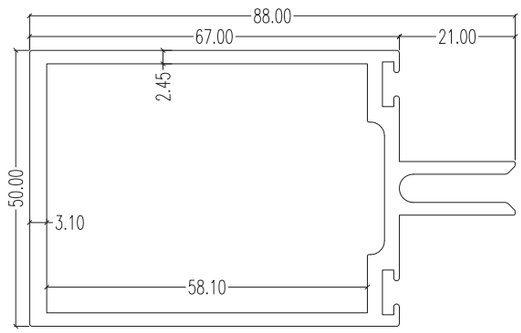


19857
LW : 2.329 kg/m
AP : 295.68 mm



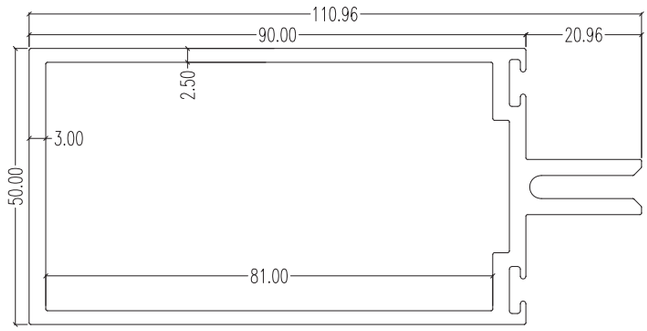
19858
LW : 1.458 kg/m
AP : 345.30 mm
Ixx : 17.3 cm⁴
Iyy : 39.3 cm⁴

All design are properties of LB Aluminium Berhad



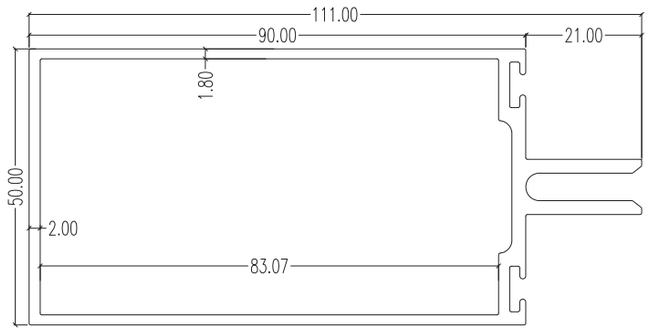
18855

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



19861

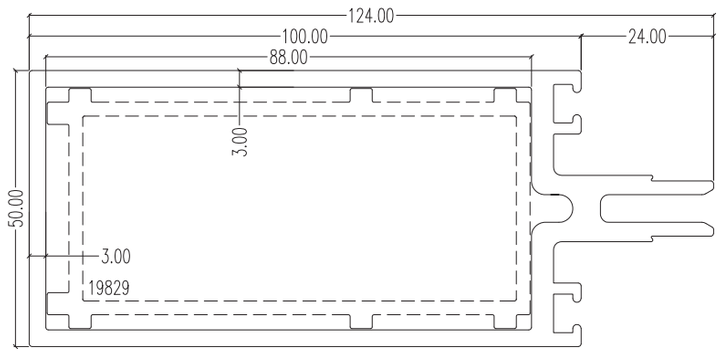
LW : 2.347 kg/m
AP : 384.43 mm
Ixx : 30.60 cm⁴
Iyy : 115.30 cm⁴



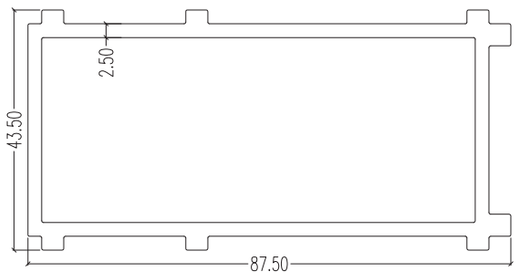
19845

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

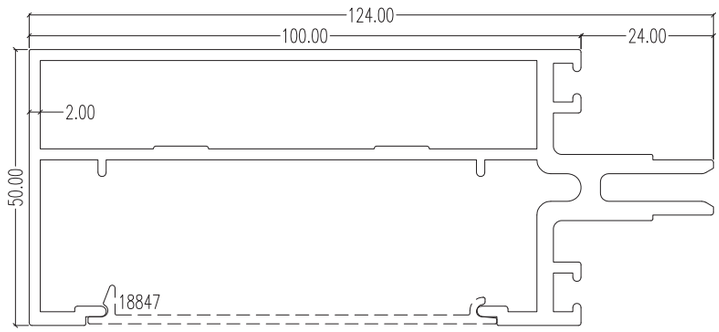
All design are properties of LB Aluminium Berhad



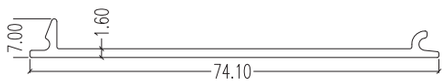
19823
LW : 3.029 kg/m
AP : 432.24 mm
Ixx : 38.9 cm⁴
Iyy : 168.6 cm⁴



19829
LW : 1.836 kg/m
AP : 285.83 mm

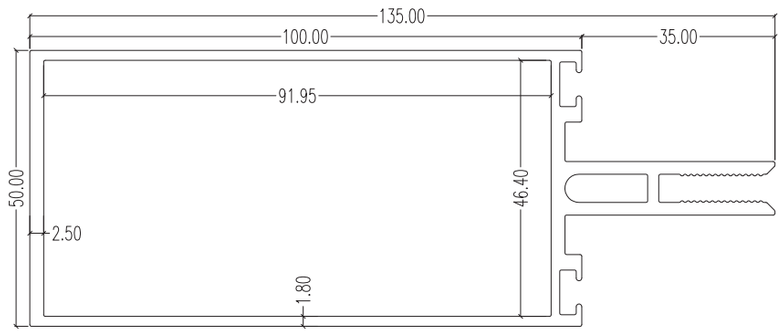


18846
LW : 2.497 kg/m
AP : 562.36 mm

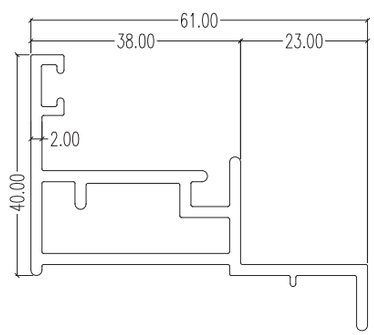


18847
LW : 0.351 kg/m
AP : 167.52 mm

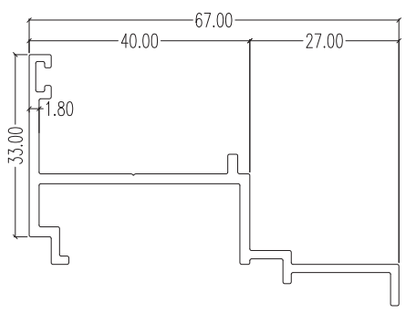
All design are properties of LB Aluminium Berhad



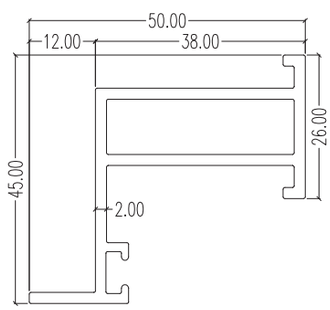
19828
LW : 2.152 kg/m
AP : 455.05 mm
Ixx : 25.5 cm⁴
Iyy : 148.4 cm⁴



19840
LW : 1.019 kg/m
AP : 269.01 mm

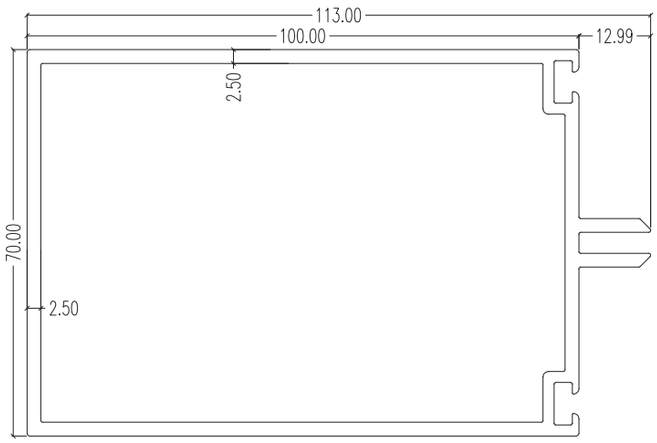


19879
LW : 0.647 kg/m
AP : 287.51 mm

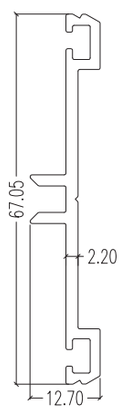


19841
LW : 0.854 kg/m
AP : 228.61 mm

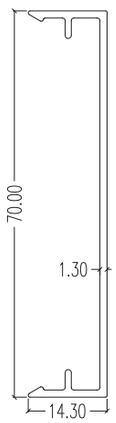
All design are properties of LB Aluminium Berhad



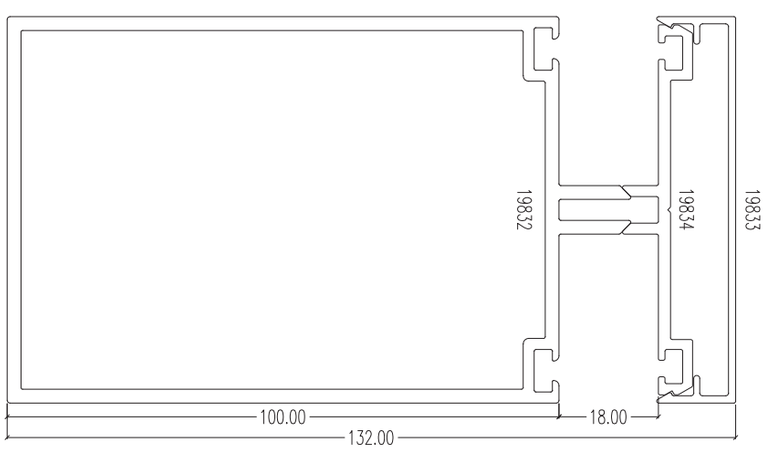
19832
LW : 2.439 kg/m
AP : 419.63 mm
Ixx : 69.10 cm⁴
Iyy : 138.10 cm⁴



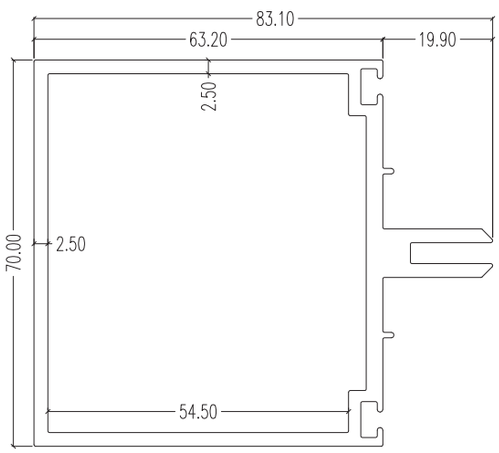
19834
LW : 0.540 kg/m
AP : 204.64 mm



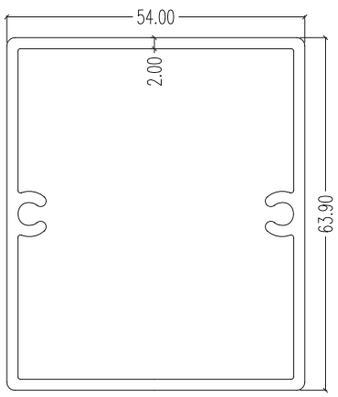
19833
LW : 0.361 kg/m
AP : 206.13 mm



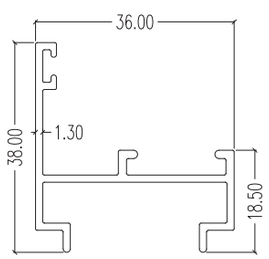
All design are properties of LB Aluminium Berhad



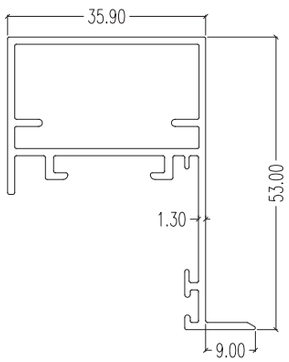
19864
LW : 2.158 kg/m
AP : 366.95 mm
Ixx : 48.72 cm⁴
Iyy : 57.94 cm⁴



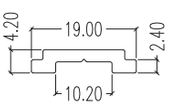
19865
LW : 1.350 kg/m
AP : 233.22 mm



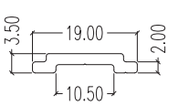
19866
LW : 0.412 kg/m
AP : 228.19 mm



19867
LW : 0.668 kg/m
AP : 255.85 mm



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

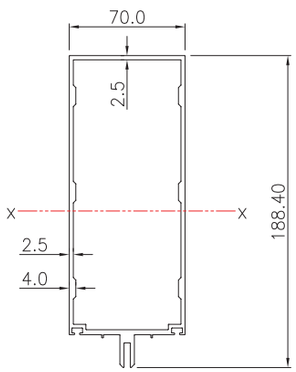


6219
LW : 0.117 kg/m
AP : 45.58 mm
(For Powder Coated Finish Only)

All design are properties of LB Aluminium Berhad

WIND LOAD CHART

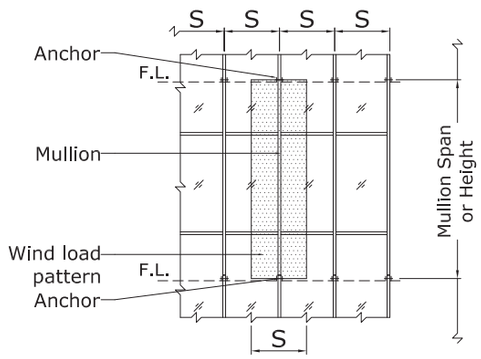
MULLION SECTION NO. : 19862
Aluminium Alloy : 6063-T5
Moment of Inertia Ixx : 557.0 cm^4
Mod. of Inertia Zxx : 58.9 cm^3

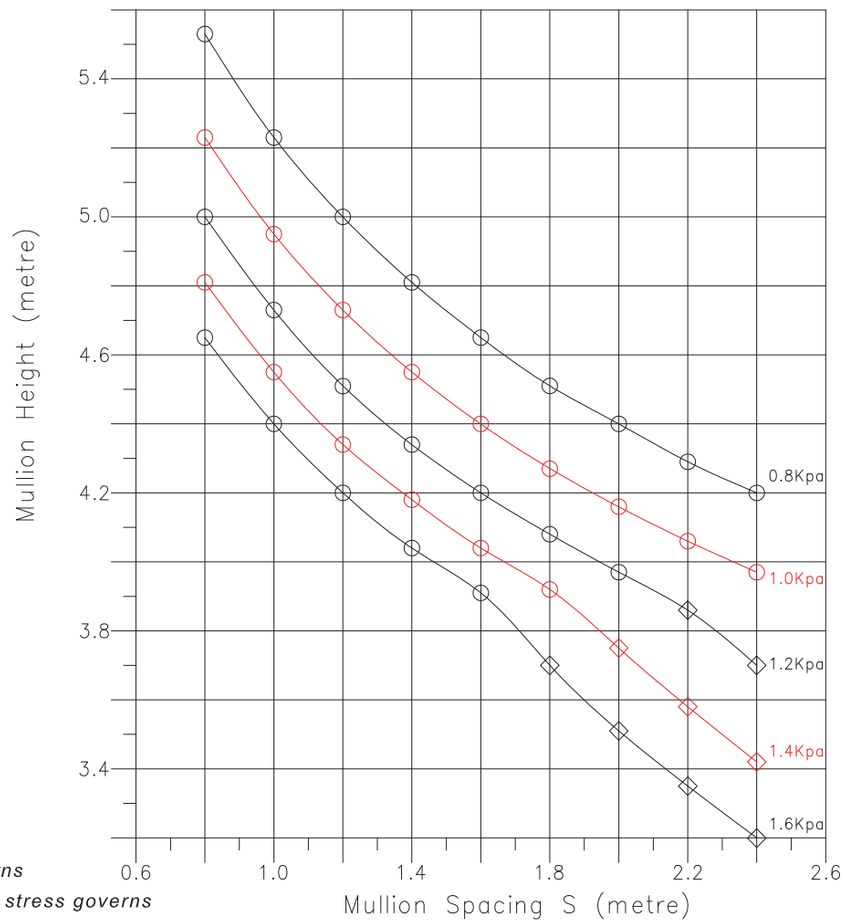


Note:
Suffix xx is axis perpendicular to wind load

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.

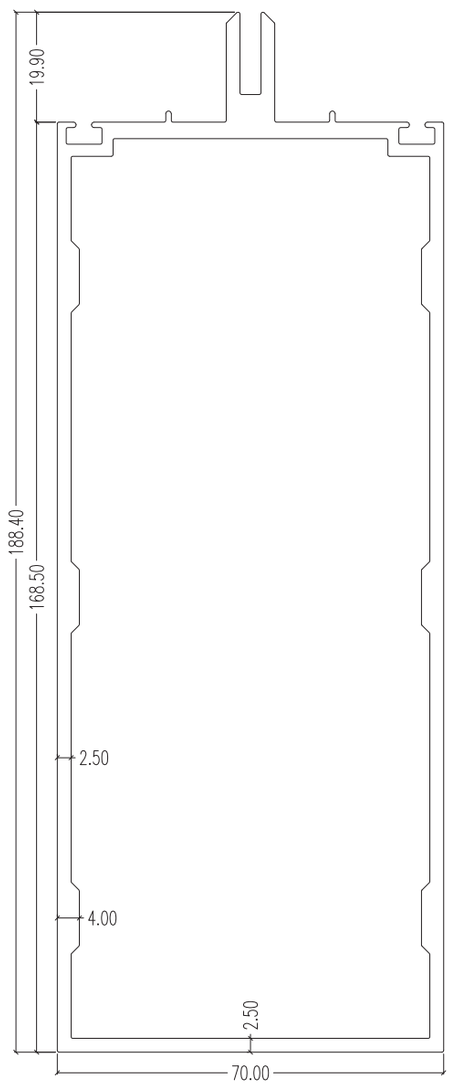
Typical Configuration of curtain wall :



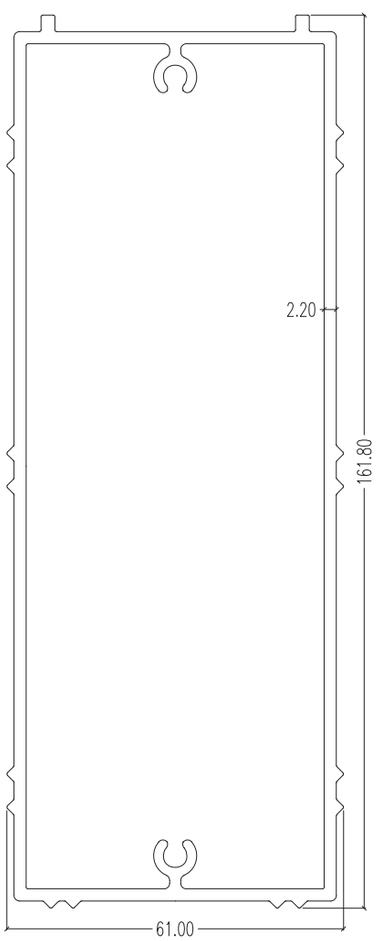


Legend:
○ *deflection limit governs*
◇ *permissable bending stress governs*

All design are properties of LB Aluminium Berhad

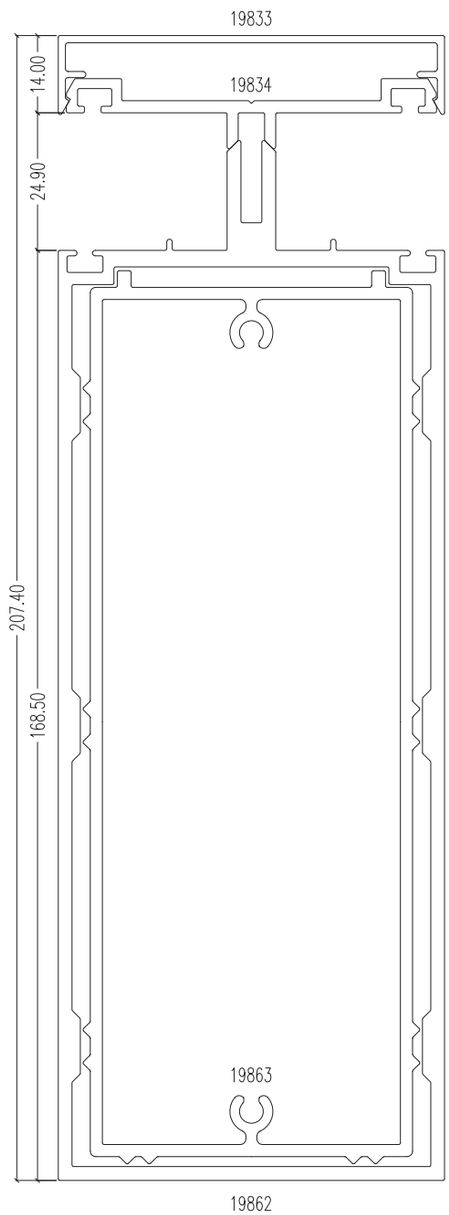


19862
LW : 3.867 kg/m
AP : 577.55 mm
Ixx : 557.40 cm⁴
Iyy : 119.20 cm⁴



19863
LW : 2.822 kg/m
AP : 457.46 mm

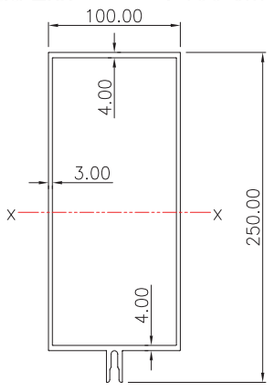
All design are properties of LB Aluminium Berhad



All design are properties of LB Aluminium Berhad

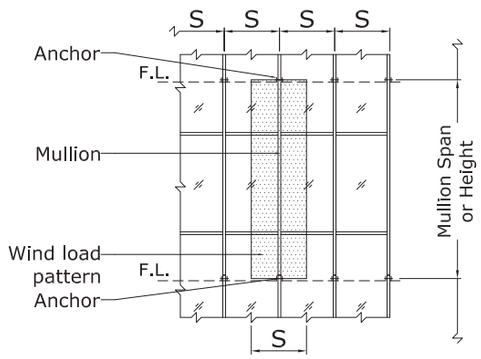
WIND LOAD CHART

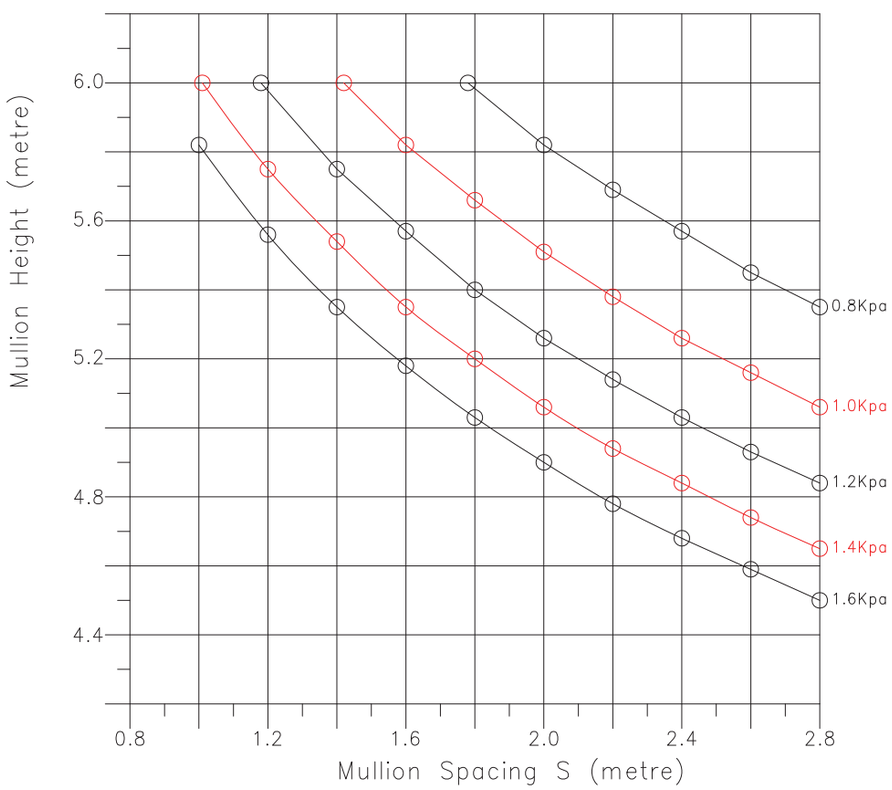
MULLION SECTION NO. : 19852
Aluminium Alloy : 6063-T5
Moment of Inertia Ixx : 1715 cm^4
Mod. of Inertia Zxx : 133 cm^3



Note:
Suffix xx is axis perpendicular to wind load

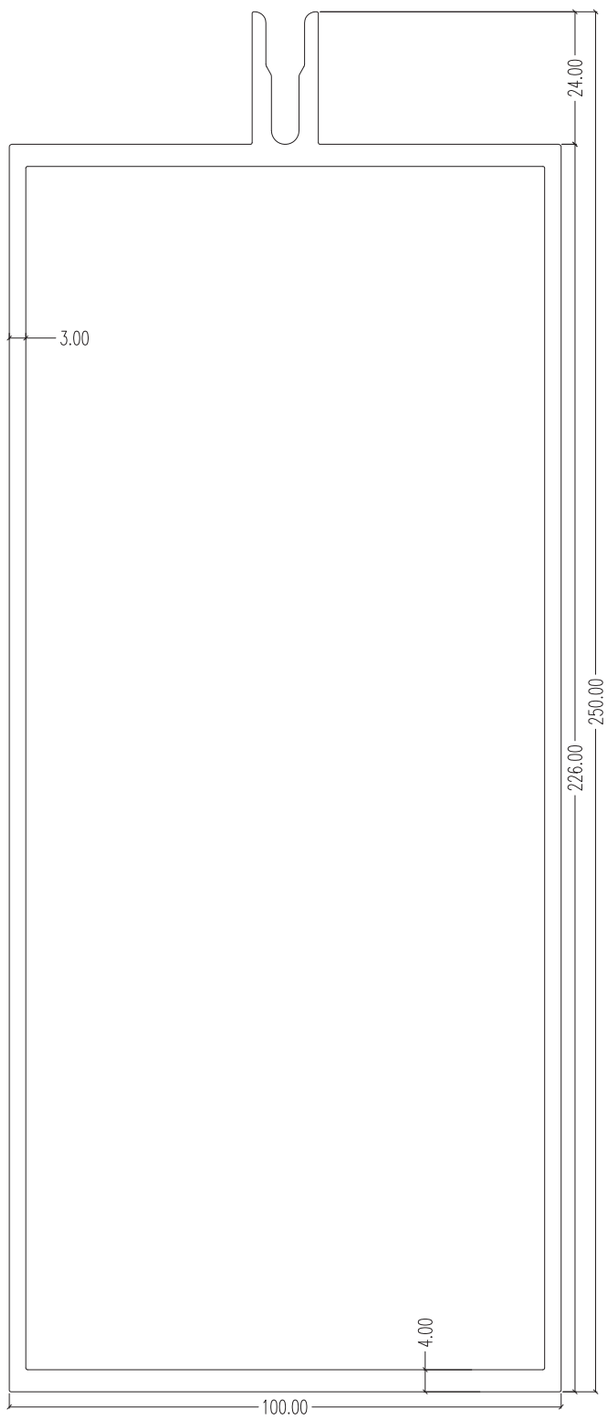
Mod. of Elasticity : 70 x 10^9 n/m^2
Deflection Limit : $^{Span}/_{175}$ up to max. 20mm.
Perm. Bend. Stress (within slenderness limit) : 1.25 x 67 Mpa.
Nature of Anchor : Simply Supported at Both Ends.
Typical Configuration of curtain wall :



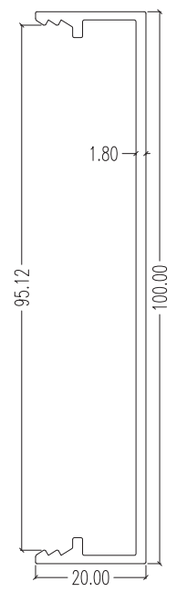


Legend:
○ *deflection limit governs*
◇ *permissable bending stress governs*

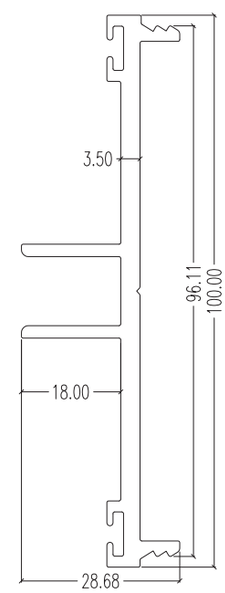
All design are properties of LB Aluminium Berhad



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

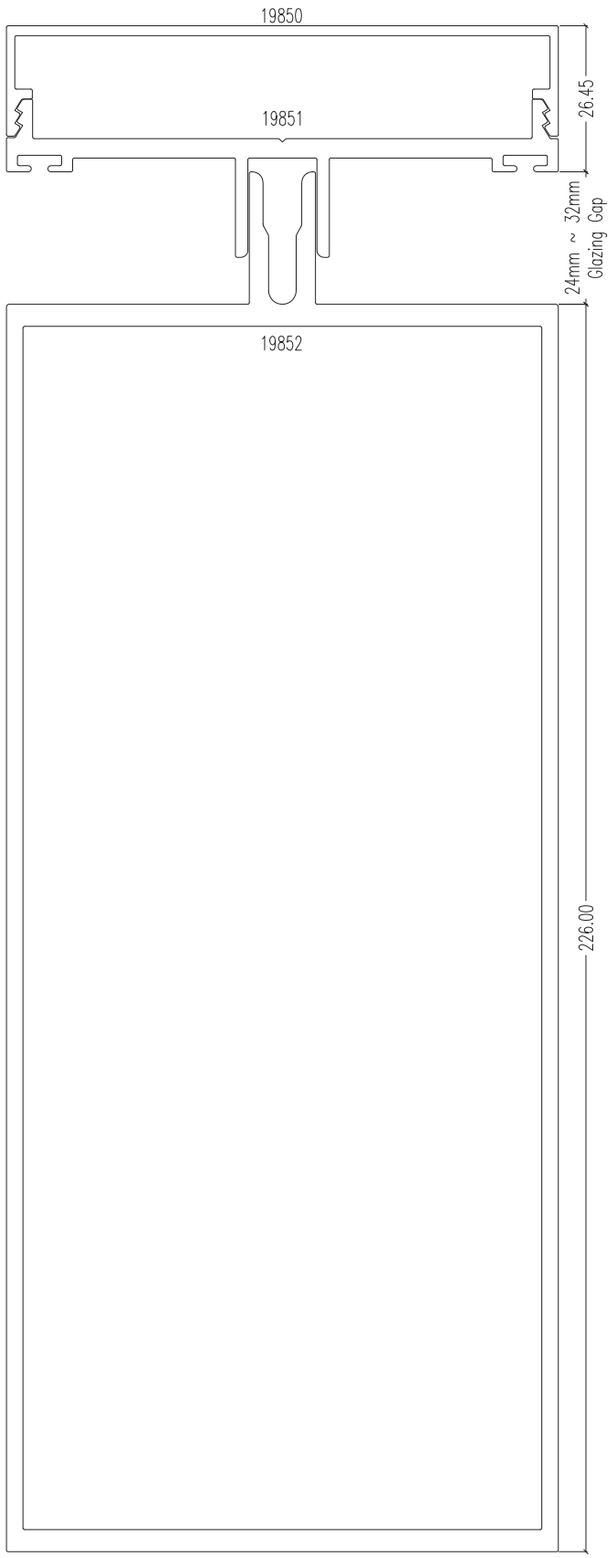


19850
LW : 0.688 kg/m
AP : 288.78 mm

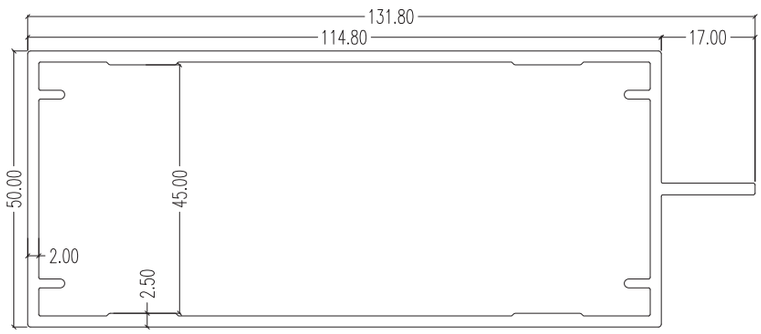


19851
LW : 1.323 kg/m
AP : 344.73 mm

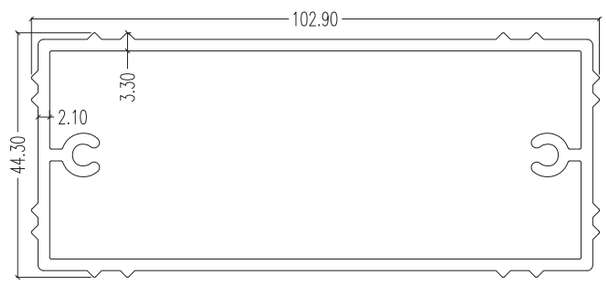
All design are properties of LB Aluminium Berhad



All design are properties of LB Aluminium Berhad



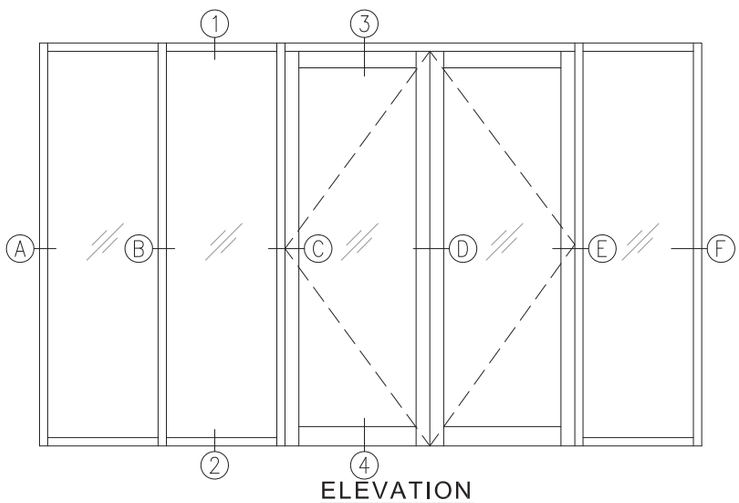
19872
LW : 1.988 kg/m
AP : 362.23 mm
Ixx : 31.85 cm⁴
Iyy : 135.38 cm⁴



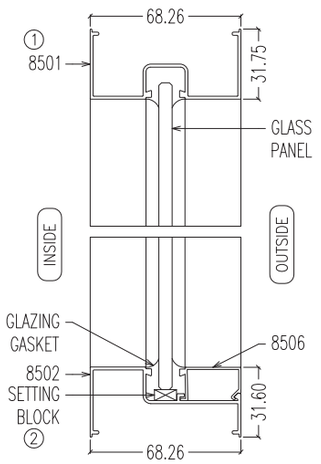
19873
LW : 1.834 kg/m
AP : 298.58 mm

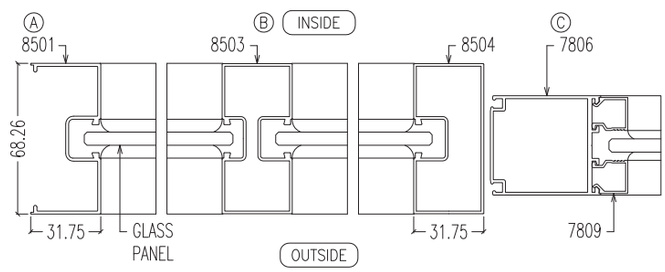
All design are properties of LB Aluminium Berhad

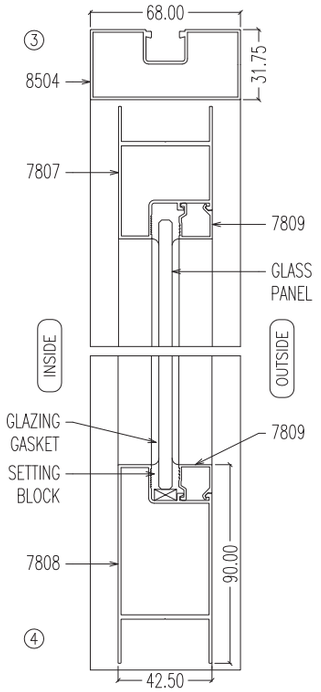
TYPICAL ASSEMBLY SECTIONAL DETAILS

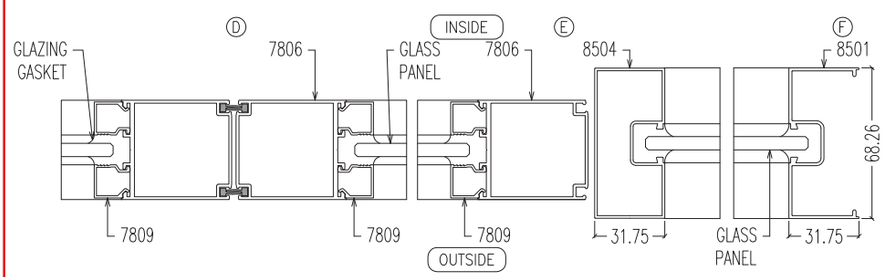


ELEVATION





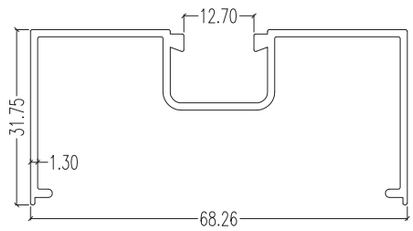




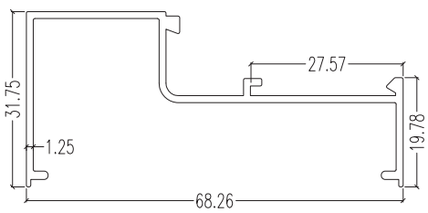
HORIZONTAL SECTIONS

VERTICAL SECTIONS

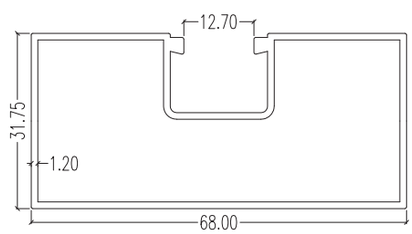
All design are properties of LB Aluminium Berhad



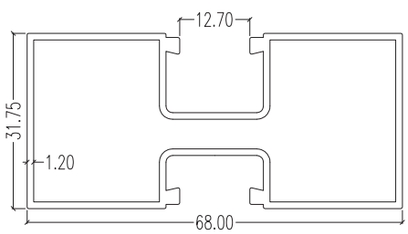
8501
LW : 0.592 kg/m
AP : 328.17 mm



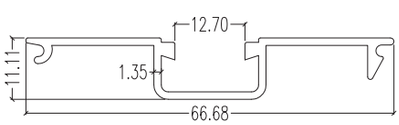
8502
LW : 0.511 kg/m
AP : 290.33 mm



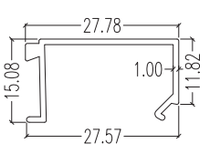
8504
LW : 0.802 kg/m
AP : 237.68 mm



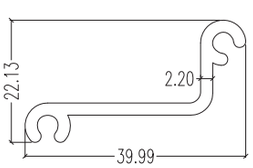
8503
LW : 0.907 kg/m
AP : 266.34 mm



8505
LW : 0.394 kg/m
AP : 201.62 mm



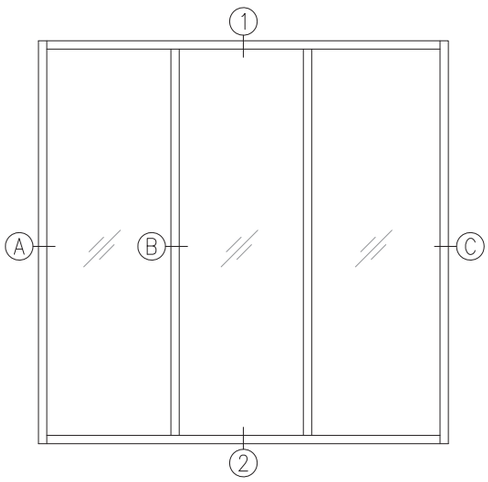
8506 (Beading)
LW : 0.208 kg/m
AP : 127.87 mm



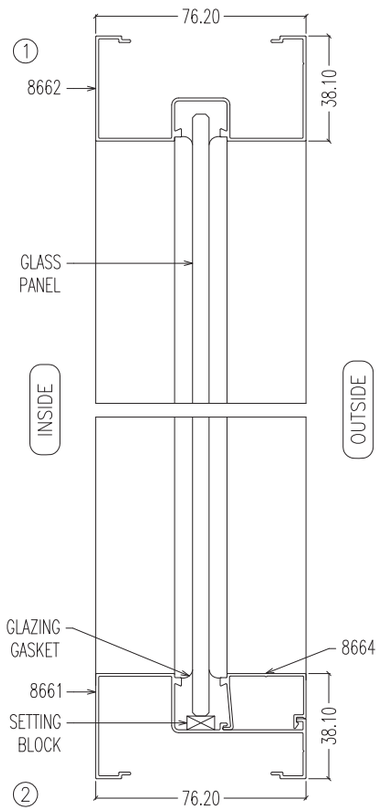
8507 (Bracket)
LW : 0.428 kg/m
AP : 131.08 mm

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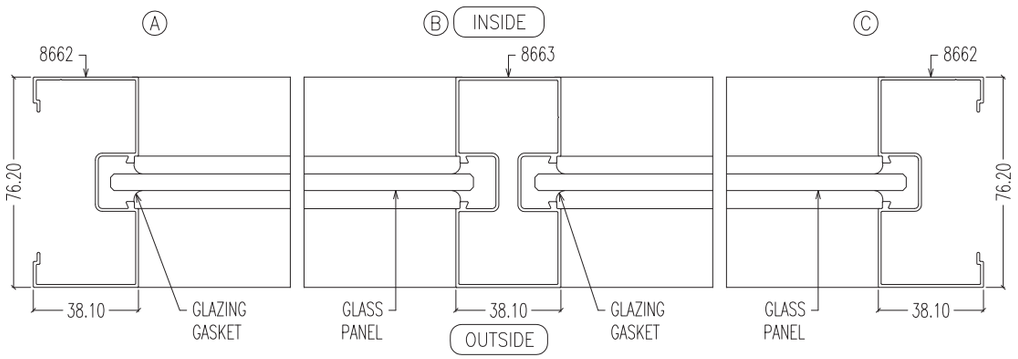
TYPICAL ASSEMBLY SECTIONAL DETAILS



ELEVATION

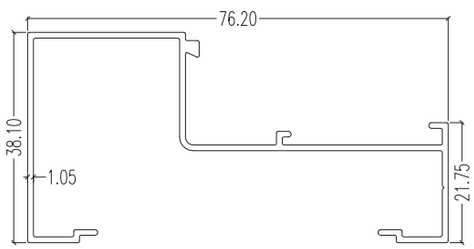


VERTICAL SECTIONS

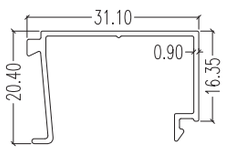


HORIZONTAL SECTIONS

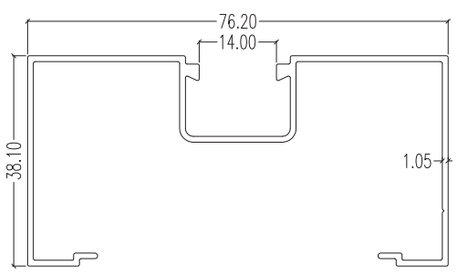
All design are properties of LB Aluminium Berhad



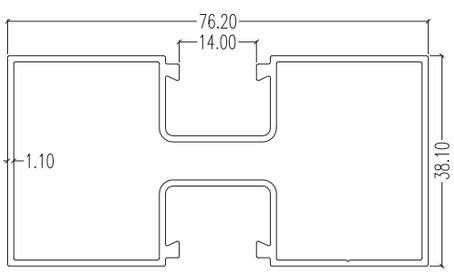
8661
LW : 0.545 kg/m
AP : 374.70 mm



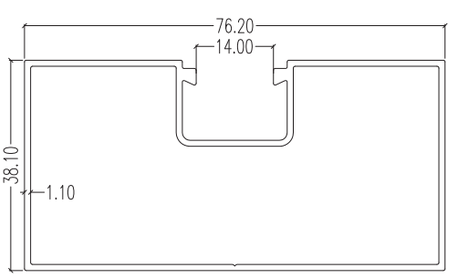
8664
LW : 0.200 kg/m
AP : 153.71 mm



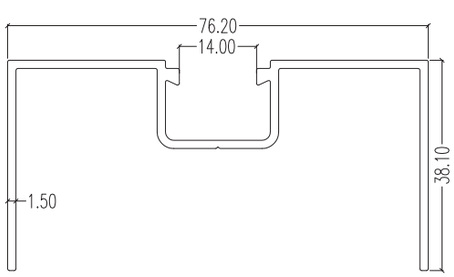
8662
LW : 0.614 kg/m
AP : 417.14 mm



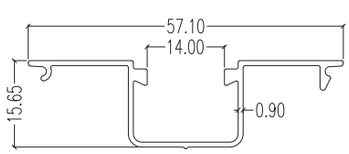
8663
LW : 0.902 kg/m
AP : 305.12 mm



8666
LW : 0.785 kg/m
AP : 266.60 mm

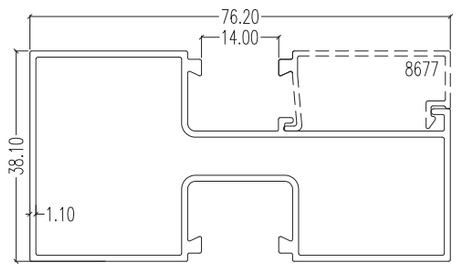


8667
LW : 0.753 kg/m
AP : 365.50 mm

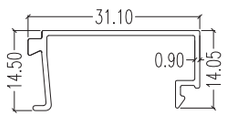


8665
LW : 0.268 kg/m
AP : 195.91 mm

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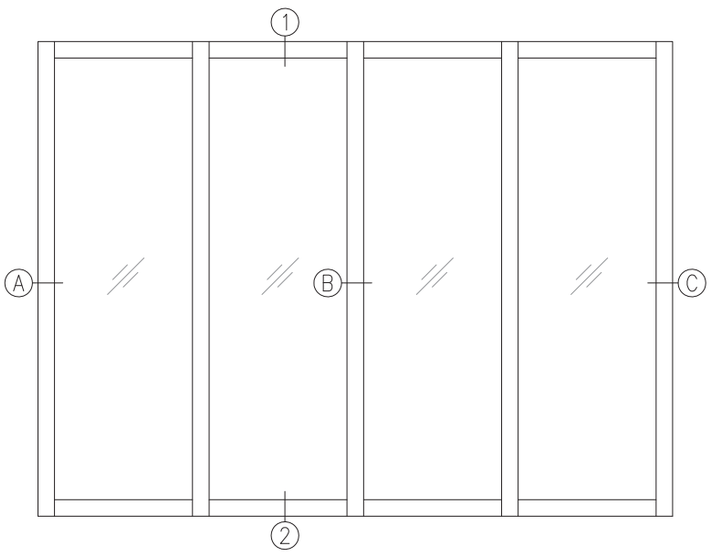
8676
LW : 0.831 kg/m
AP : 290.71 mm



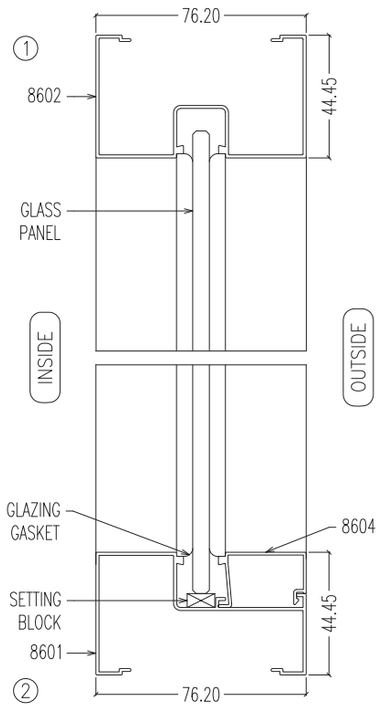
8677
LW : 0.170 kg/m
AP : 128.83 mm

All design are properties of LB Aluminium Berhad

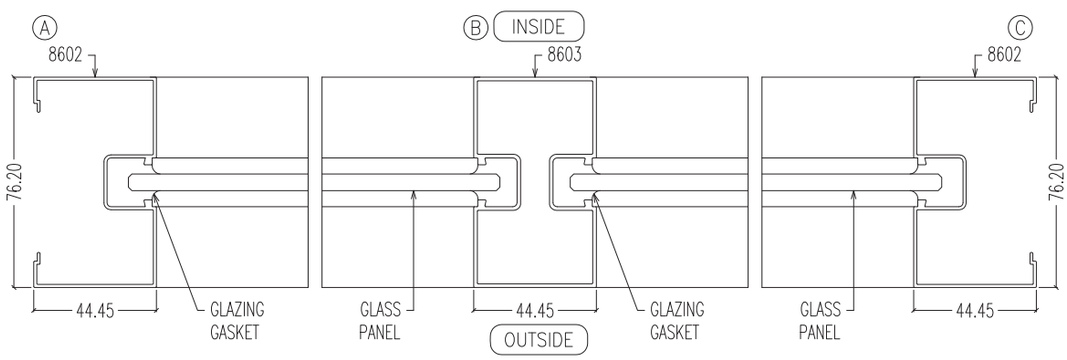
TYPICAL ASSEMBLY SECTIONAL DETAILS



ELEVATION

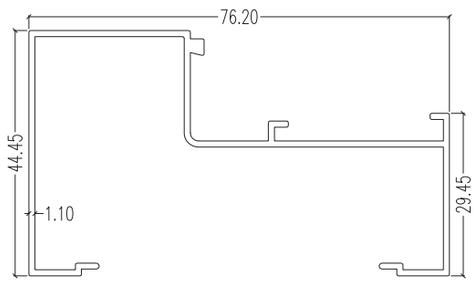


VERTICAL SECTIONS

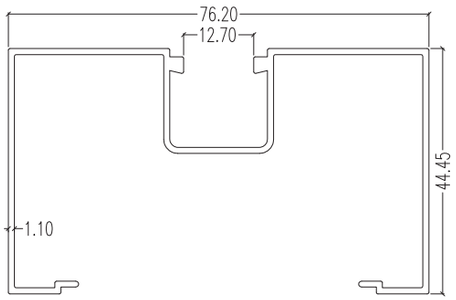


HORIZONTAL SECTIONS

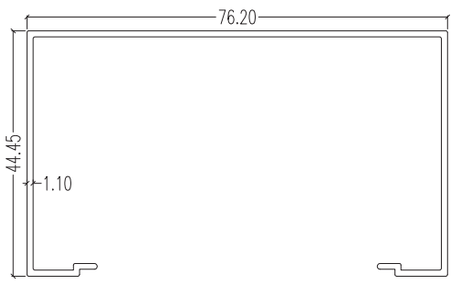
All design are properties of LB Aluminium Berhad



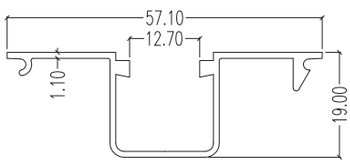
8601
LW : 0.653 kg/m
AP : 408.61 mm



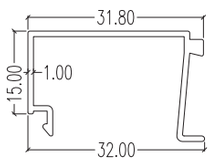
8602
LW : 0.743 kg/m
AP : 456.72 mm



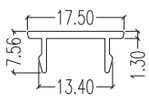
8612
LW : 0.591 kg/m
AP : 376.77 mm



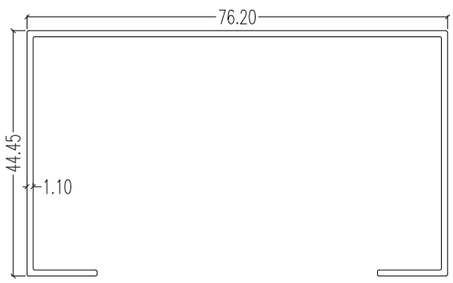
8605
LW : 0.391 kg/m
AP : 212.31 mm



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

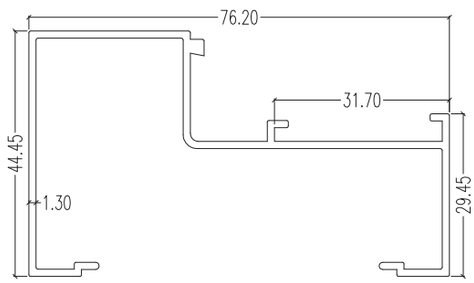


8623 (Capping)
LW : 0.109 kg/m
AP : 61.56 mm

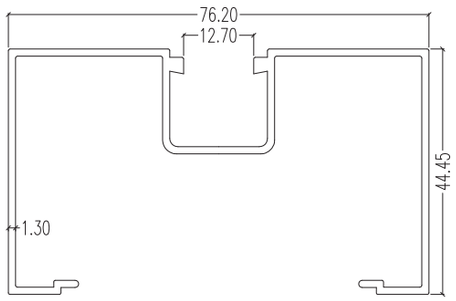


8607
LW : 0.653 kg/m
AP : 372.85 mm

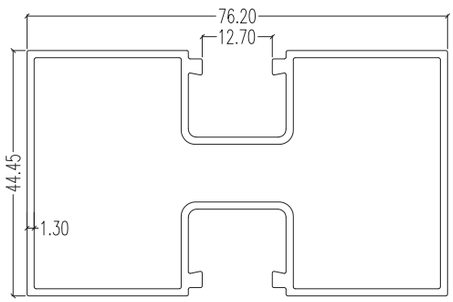
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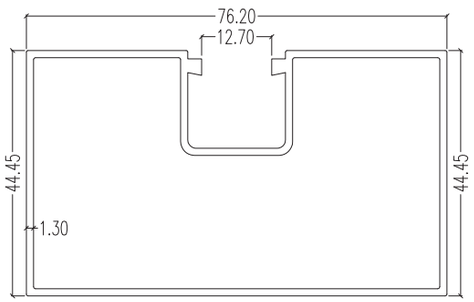
8649
LW : 0.725 kg/m
AP : 405.31 mm



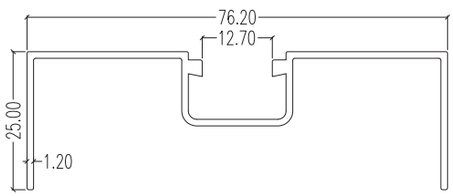
8650
LW : 0.818 kg/m
AP : 453.16 mm



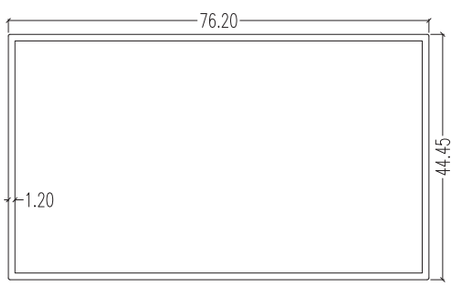
8603
LW : 1.119 kg/m
AP : 320.05 mm



8606
LW : 1.000 kg/m
AP : 285.74 mm

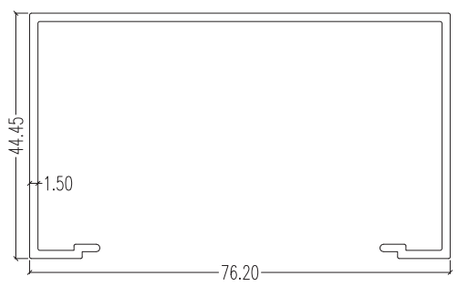


8628
LW : 0.514 kg/m
AP : 304.61 mm

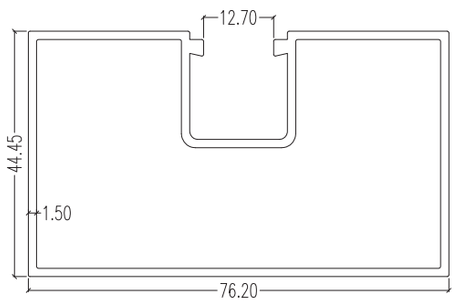


8639
LW : 0.770 kg/m
AP : 240.78 mm

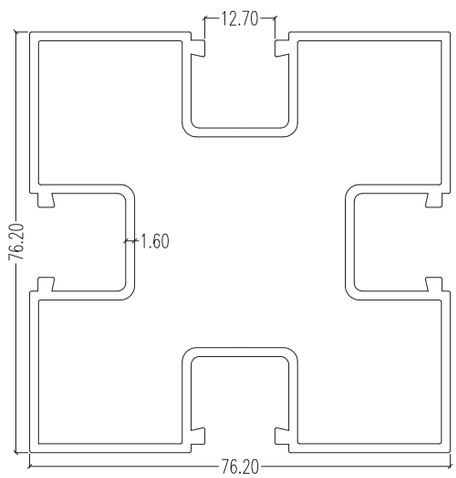
All design are properties of LB Aluminium Berhad



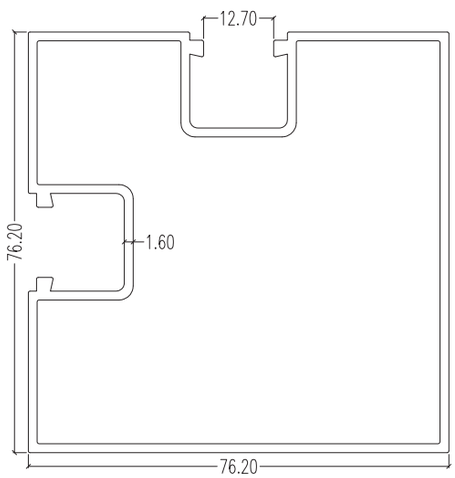
8610
LW : 0.756 kg/m
AP : 373.80 mm



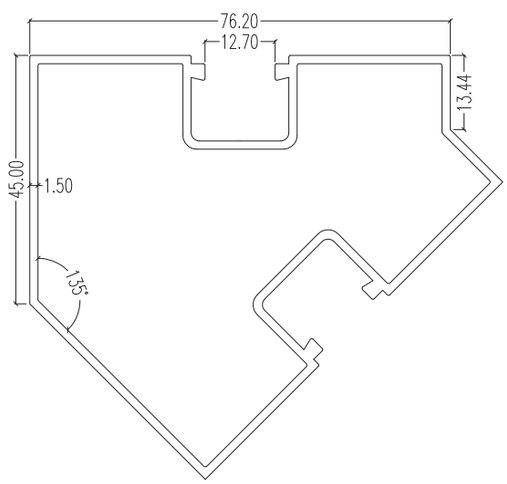
8656
LW : 1.146 kg/m
AP : 288.88 mm



8643
LW : 2.029 kg/m
AP : 476.42 mm

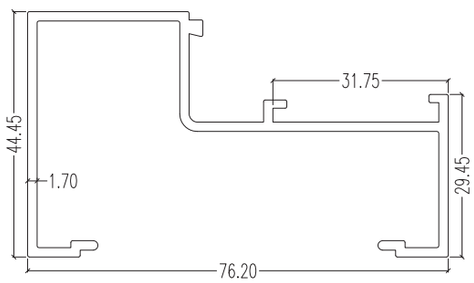


8653
LW : 1.662 kg/m
AP : 392.07 mm

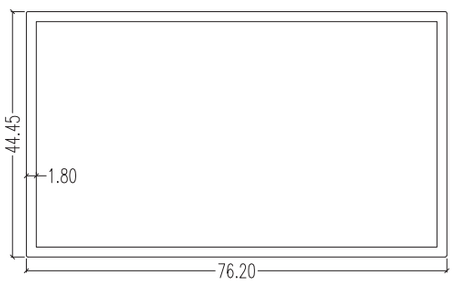


8609
LW : 1.500 kg/m
AP : 348.85 mm

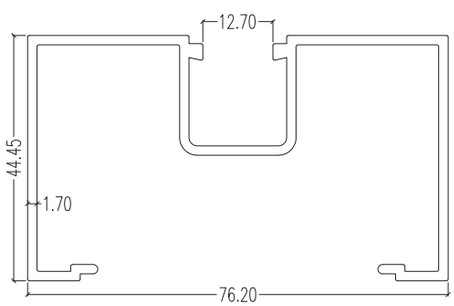
All design are properties of LB Aluminium Berhad



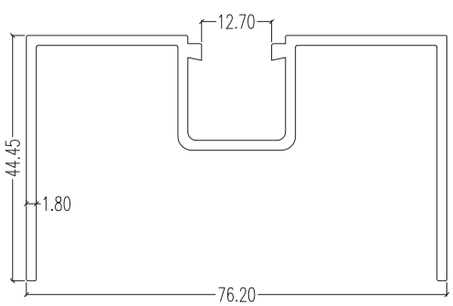
8625
LW : 0.930 kg/m
AP : 401.77 mm



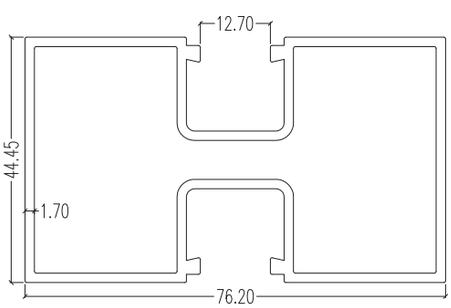
8640
LW : 1.143 kg/m
AP : 241.30 mm



8626
LW : 1.070 kg/m
AP : 458.82 mm

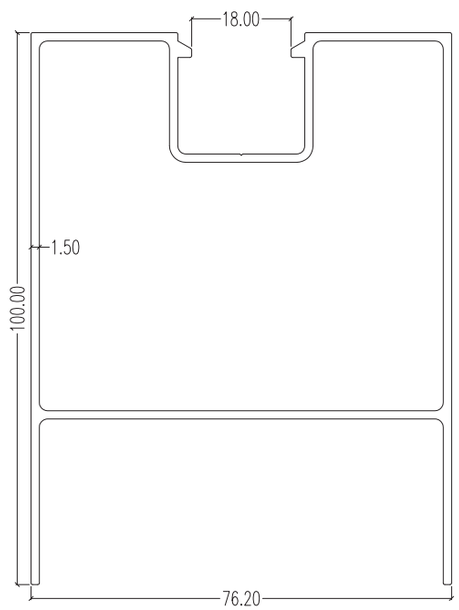


8651
LW : 0.989 kg/m
AP : 401.39 mm

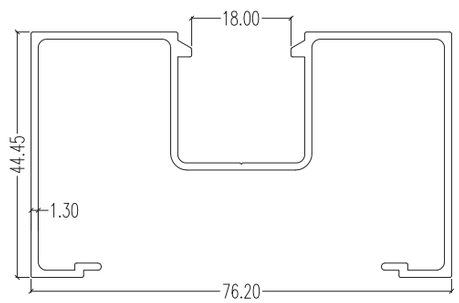


8627
LW : 1.452 kg/m
AP : 326.89 mm

All design are properties of LB Aluminium Berhad



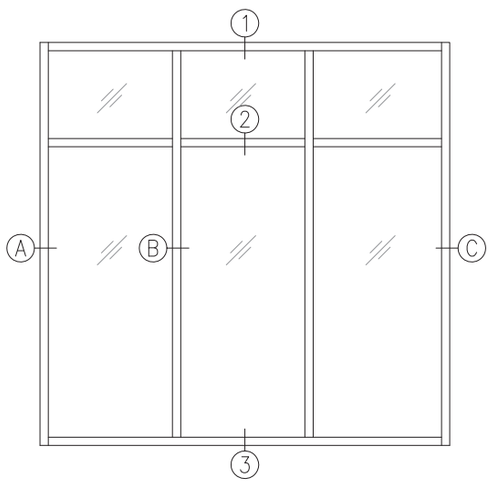
18812
LW : 1.621 kg/m
AP : 460.57 mm



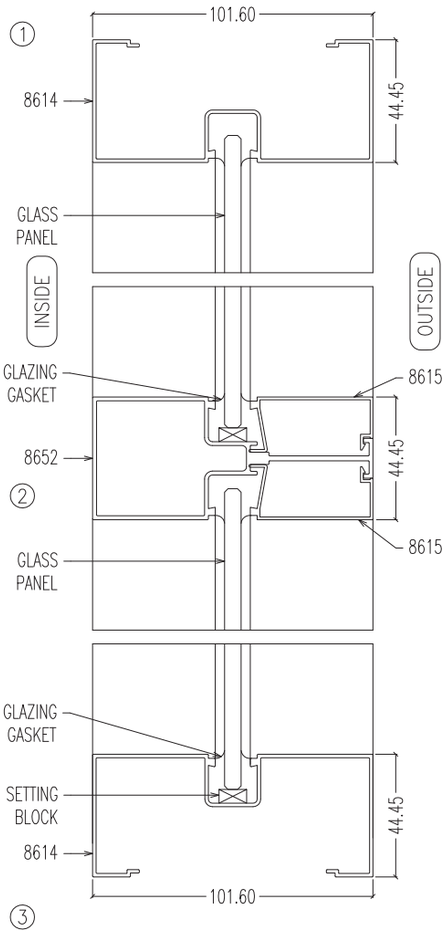
18813
LW : 0.861 kg/m
AP : 470.94 mm

All design are properties of LB Aluminium Berhad

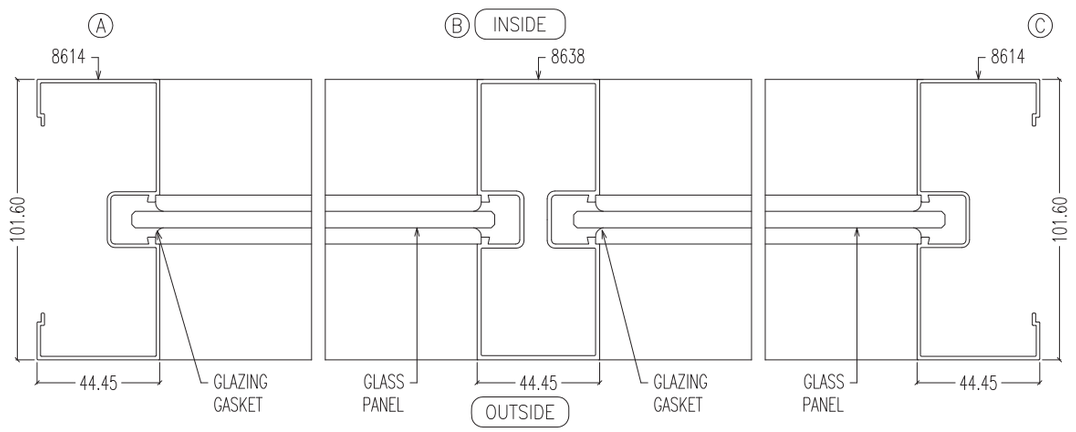
TYPICAL ASSEMBLY SECTIONAL DETAILS



ELEVATION

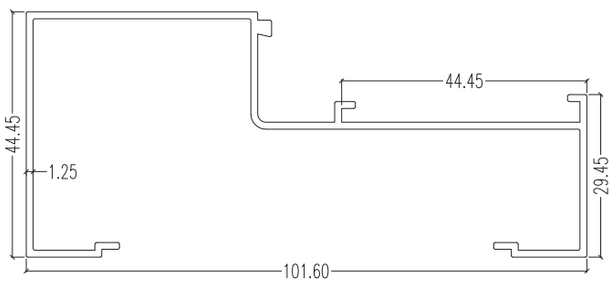


VERTICAL SECTIONS

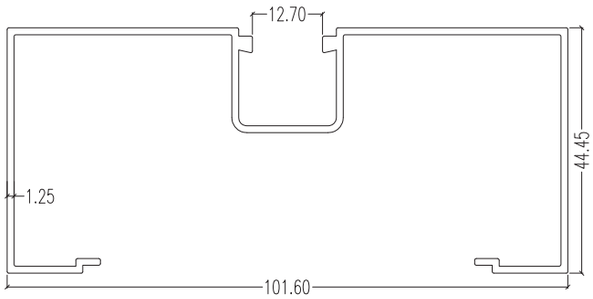


HORIZONTAL SECTIONS

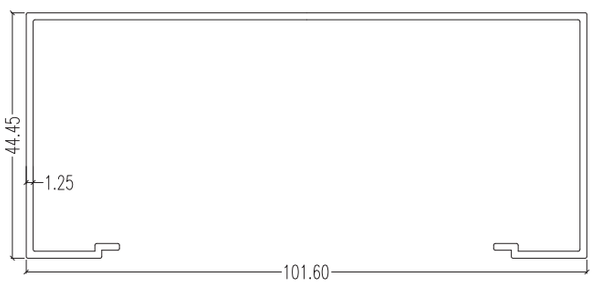
All design are properties of LB Aluminium Berhad



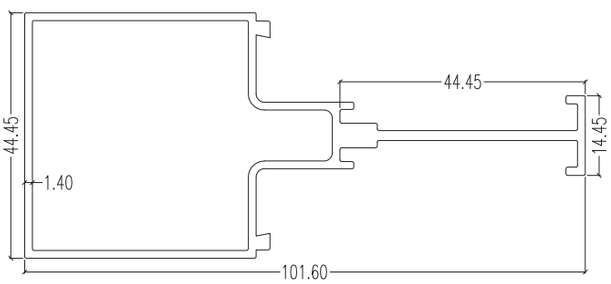
8613
LW : 0.859 kg/m
AP : 474.11 mm



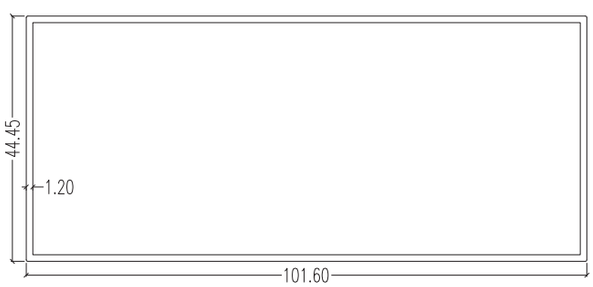
8614
LW : 0.957 kg/m
AP : 522.15 mm



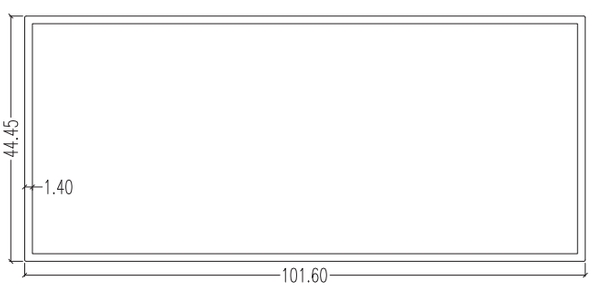
8619
LW : 0.782 kg/m
AP : 512.00 mm



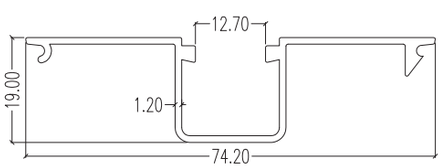
8652
LW : 1.188 kg/m
AP : 342.01 mm



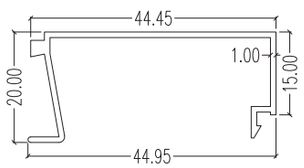
8622
LW : 0.982 kg/m
AP : 291.58 mm



8624
LW : 1.088 kg/m
AP : 291.58 mm

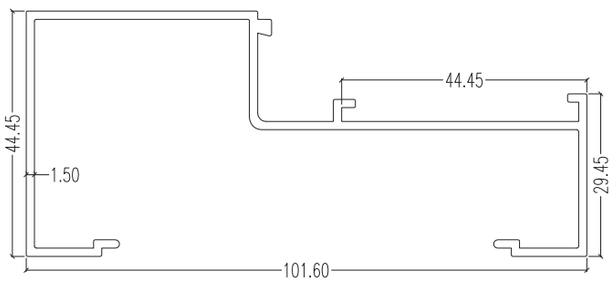


8616
LW : 0.506 kg/m
AP : 245.24 mm

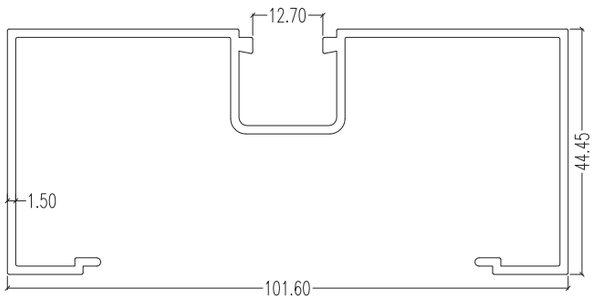


8615
LW : 0.304 kg/m
AP : 183.75 mm

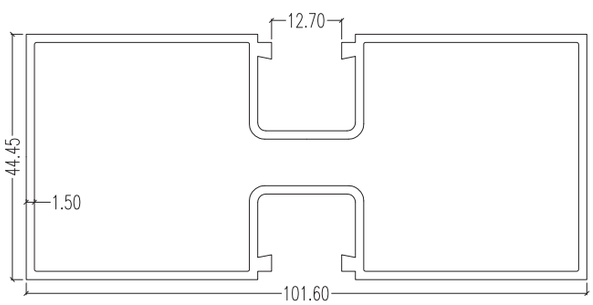
All design are properties of LB Aluminium Berhad



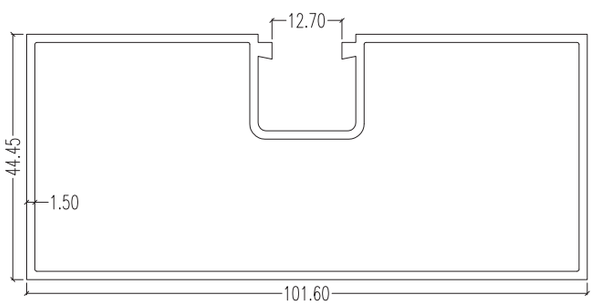
8646
LW : 1.018 kg/m
AP : 472.36 mm



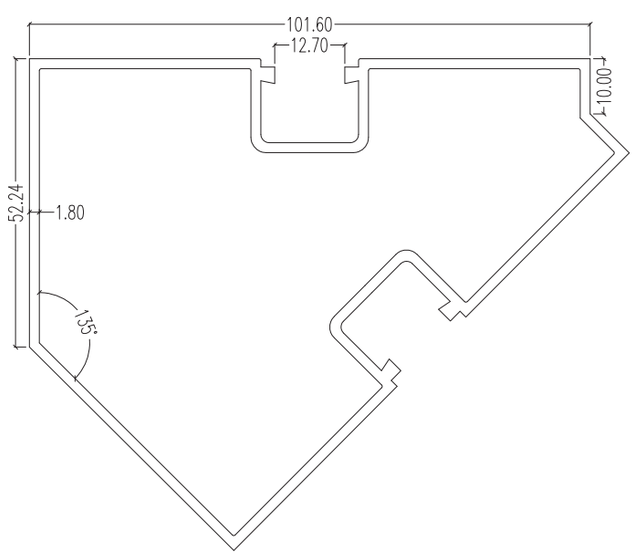
8644
LW : 1.126 kg/m
AP : 519.83 mm



8638
LW : 1.495 kg/m
AP : 377.72 mm

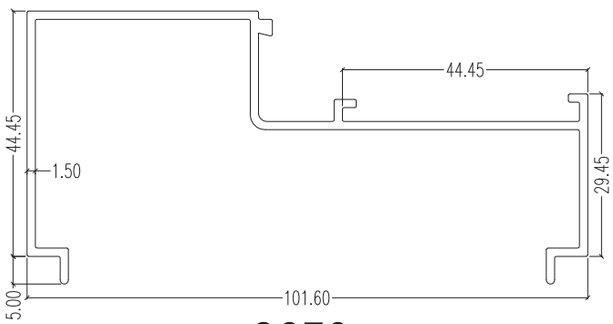


8637
LW : 1.338 kg/m
AP : 336.91 mm

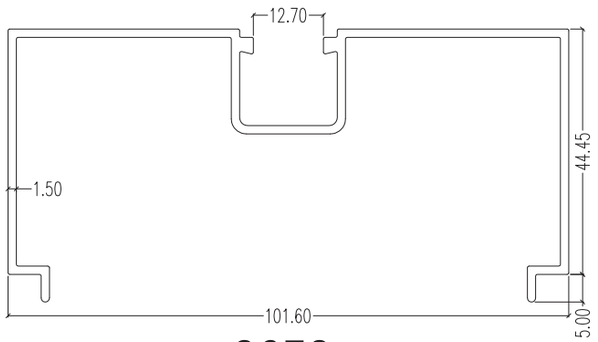


8645
LW : 2.020 kg/m
AP : 407.59 mm

All design are properties of LB Aluminium Berhad

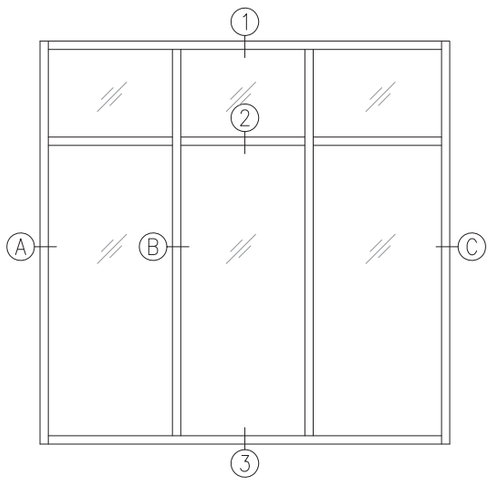


8679
LW : 0.922 kg/m
AP : 447.86 mm

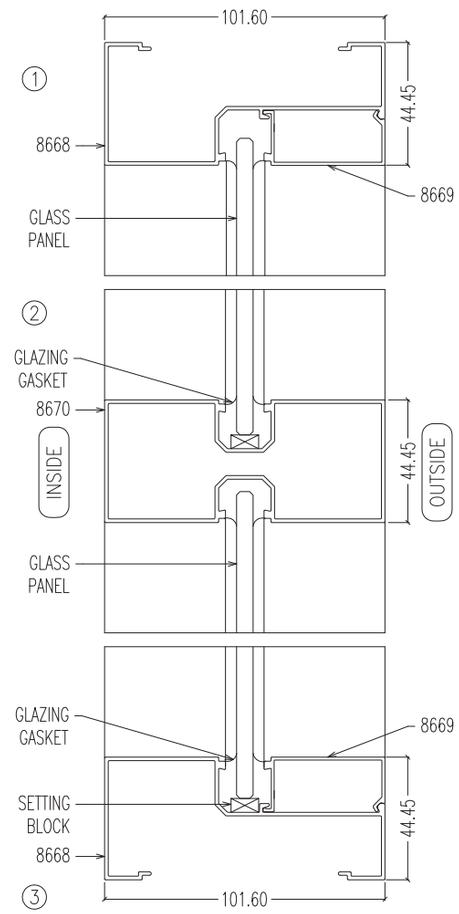


8678
LW : 1.025 kg/m
AP : 494.79 mm

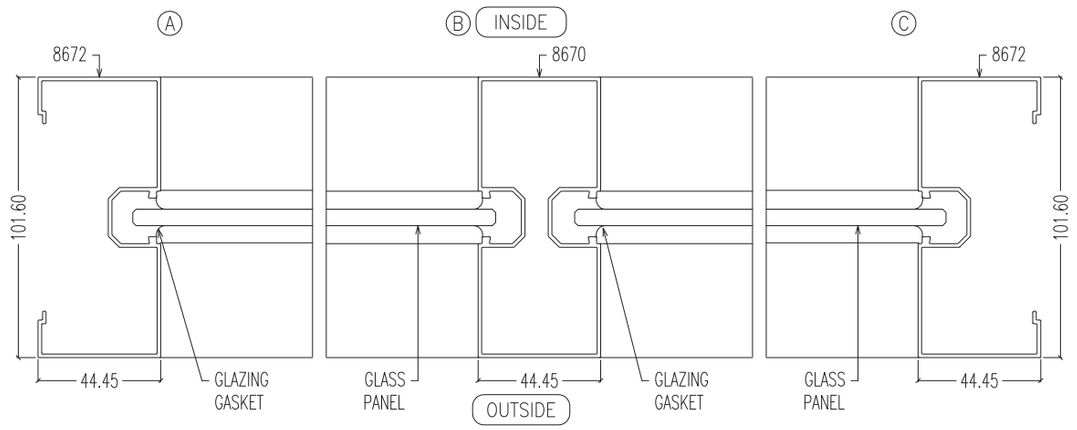
All design are properties of LB Aluminium Berhad



ELEVATION

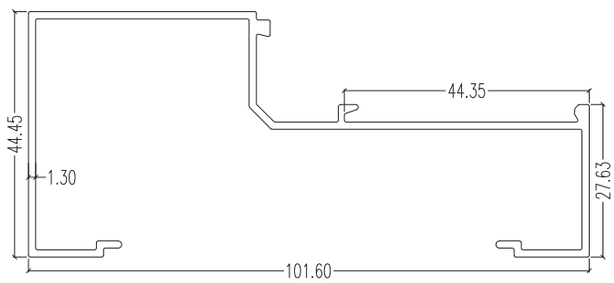


VERTICAL SECTIONS

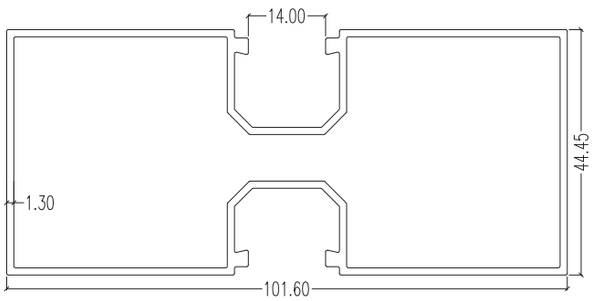


HORIZONTAL SECTIONS

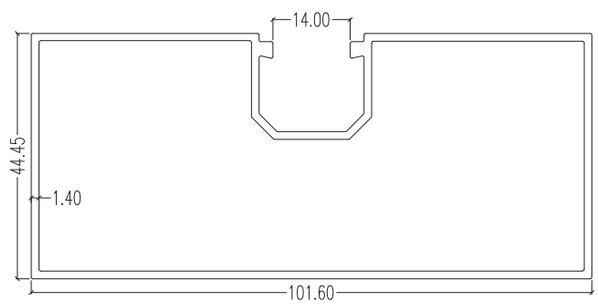
All design are properties of LB Aluminium Berhad



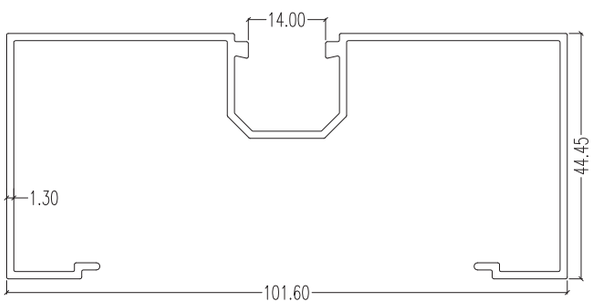
8668
LW : 0.833 kg/m
AP : 460.64 mm



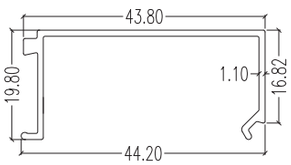
8670
LW : 1.293 kg/m
AP : 370.00 mm



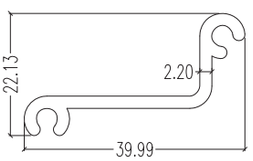
8671
LW : 1.234 kg/m
AP : 332.99 mm



8672
LW : 0.931 kg/m
AP : 515.50 mm



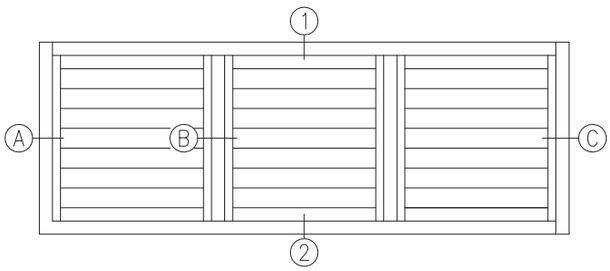
8669
LW : 0.267 kg/m
AP : 175.81 mm



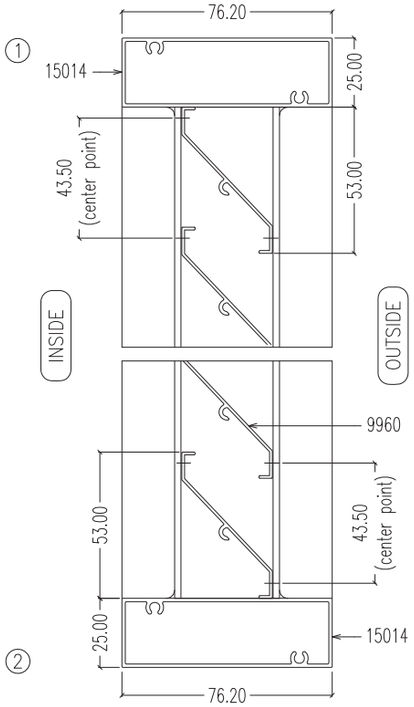
8507 (Bracket)
LW : 0.428 kg/m
AP : 131.08 mm

All design are properties of LB Aluminium Berhad

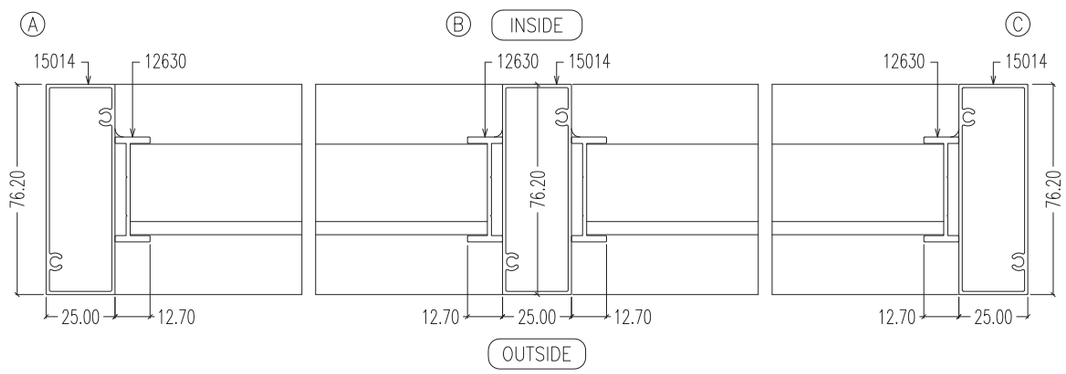
TYPICAL ASSEMBLY SECTIONAL DETAILS



ELEVATION



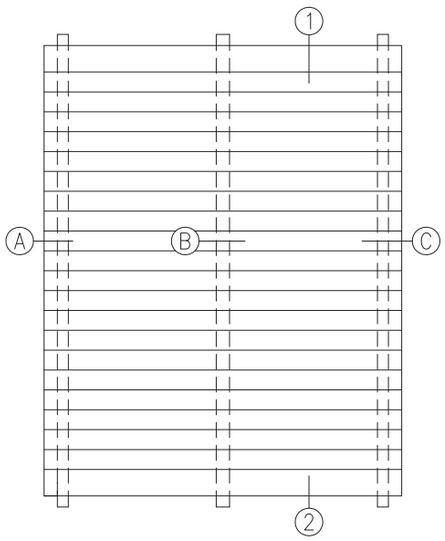
VERTICAL SECTIONS



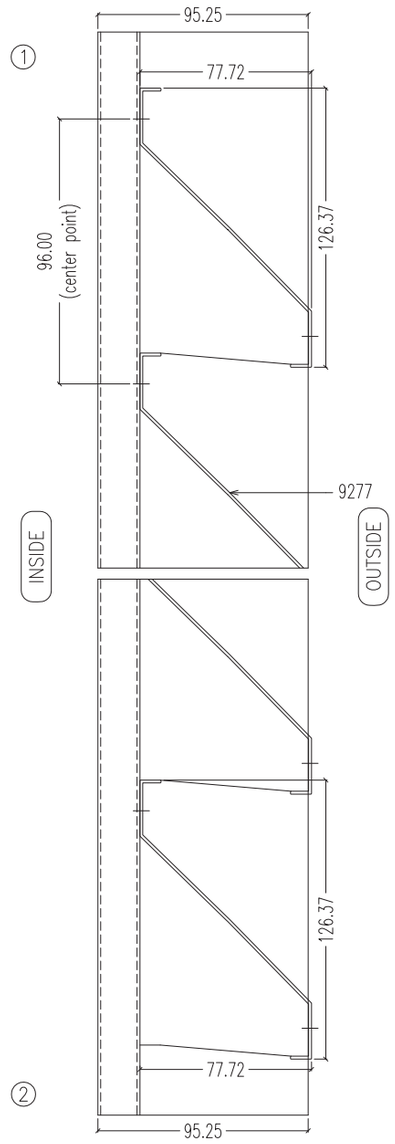
HORIZONTAL SECTIONS

All design are properties of LB Aluminium Berhad

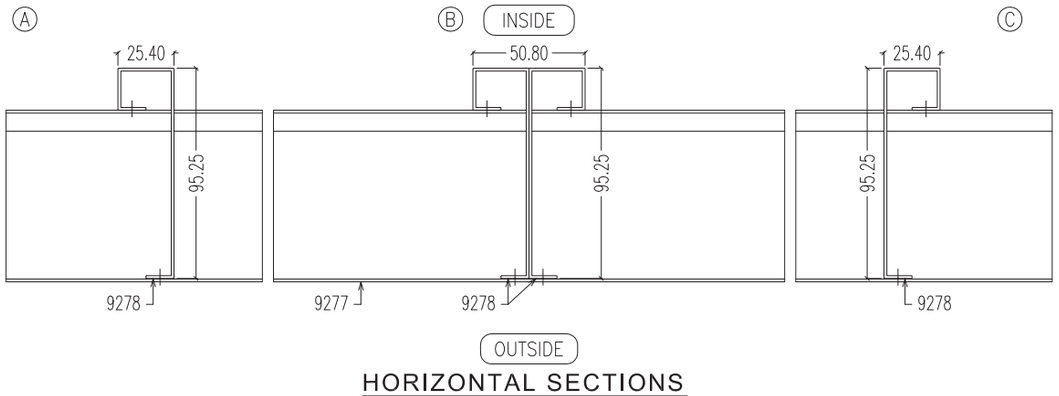
TYPICAL ASSEMBLY SECTIONAL DETAILS



ELEVATION

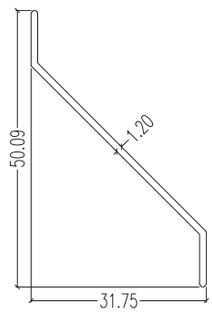


VERTICAL SECTIONS

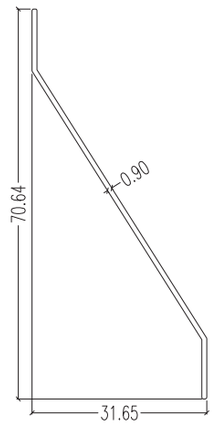


HORIZONTAL SECTIONS

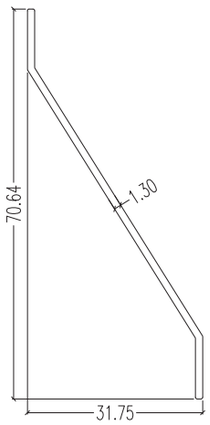
All design are properties of LB Aluminium Berhad



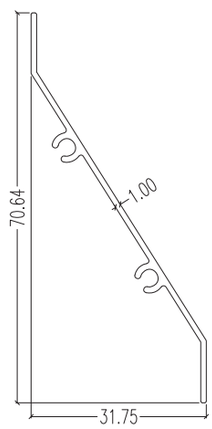
15159
LW : 0.203 kg/m
AP : 126.77 mm



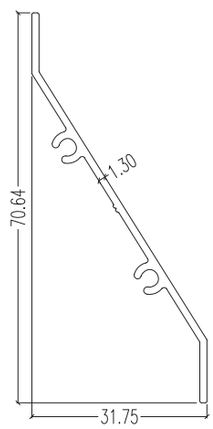
12647
LW : 0.194 kg/m
AP : 160.37 mm



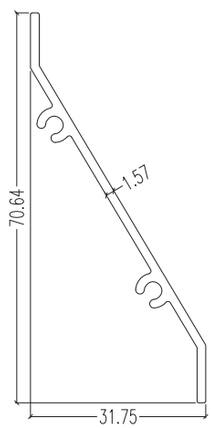
15006
LW : 0.280 kg/m
AP : 160.84 mm



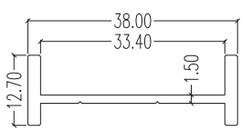
9262
LW : 0.265 kg/m
AP : 187.65 mm



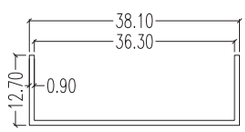
15179
LW : 0.339 kg/m
AP : 187.65 mm



12662
LW : 0.407 kg/m
AP : 187.36 mm

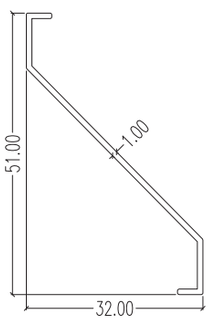


12630
LW : 0.293 kg/m
AP : 123.27 mm

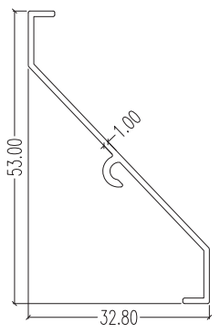


4603
LW : 0.171 kg/m
AP : 124.43 mm

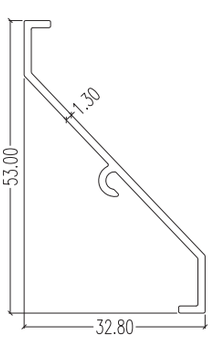
All design are properties of LB Aluminium Berhad



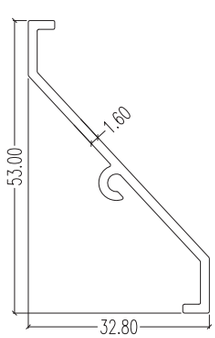
9314
LW : 0.192 kg/m
AP : 143.07 mm



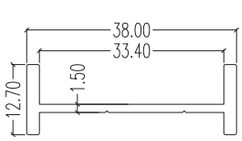
9960
LW : 0.230 kg/m
AP : 162.10 mm



15083
LW : 0.281 kg/m
AP : 160.17 mm

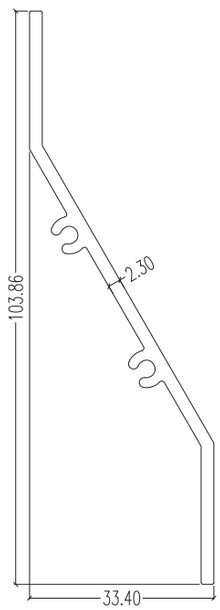


15138
LW : 0.357 kg/m
AP : 160.91 mm

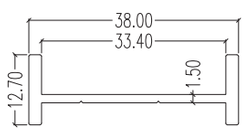


12630
LW : 0.293 kg/m
AP : 123.27 mm

All design are properties of LB Aluminium Berhad

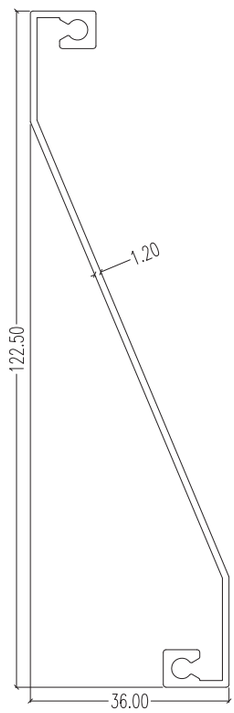


12629
LW : 0.783 kg/m
AP : 255.88 mm

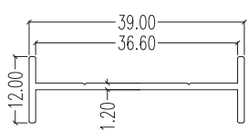


12630
LW : 0.293 kg/m
AP : 123.27 mm

All design are properties of LB Aluminium Berhad

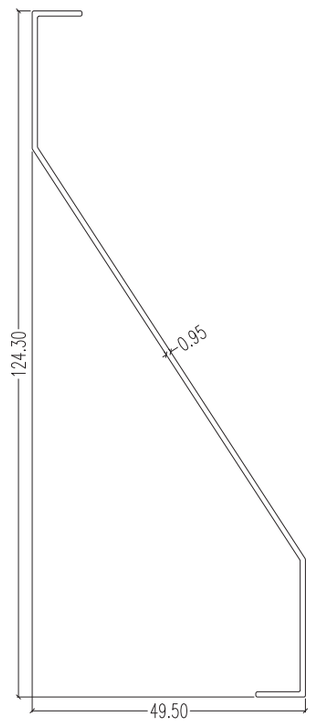


8915
LW : 0.609 kg/m
AP : 343.84 mm

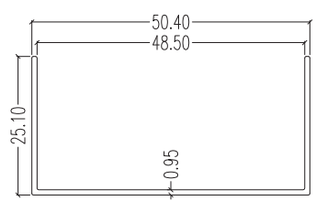


15012
LW : 0.196 kg/m
AP : 123.07 mm

All design are properties of LB Aluminium Berhad

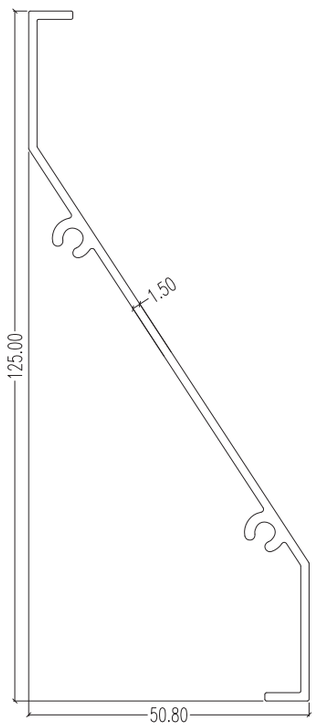


15039
LW : 0.399 kg/m
AP : 310.47 mm

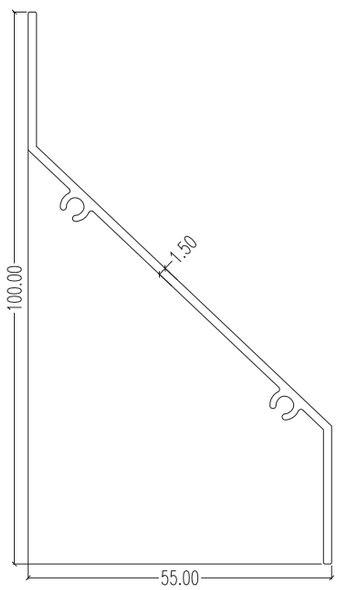


15038
LW : 0.254 kg/m
AP : 198.27 mm

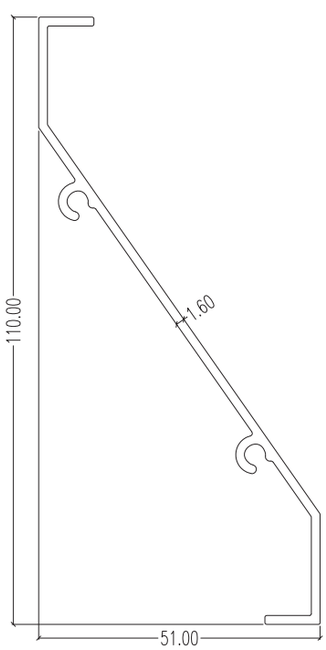
All design are properties of LB Aluminium Berhad



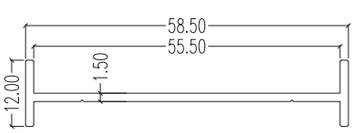
8477
LW : 0.729 kg/m
AP : 340.65 mm



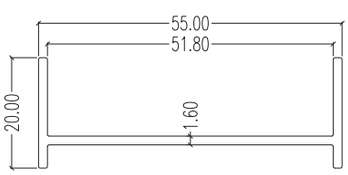
15007
LW : 0.550 kg/m
AP : 274.50 mm



15084
LW : 0.703 kg/m
AP : 320.80 mm

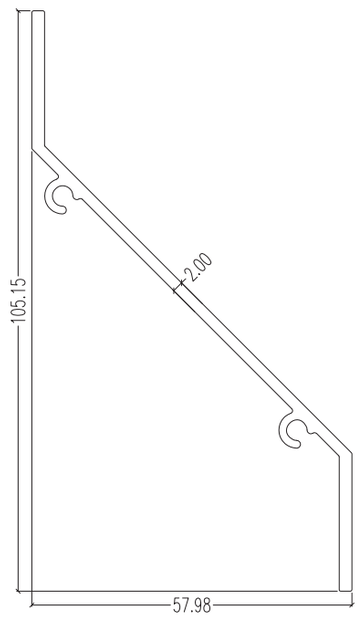


15008
LW : 0.323 kg/m
AP : 181.47 mm

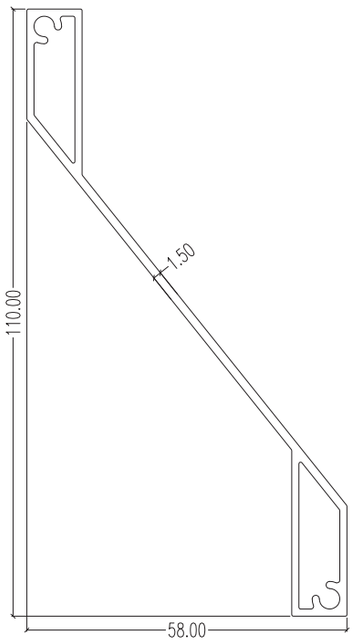


15085
LW : 0.398 kg/m
AP : 185.25 mm

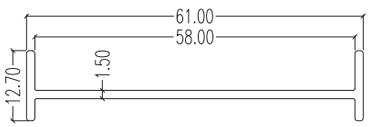
All design are properties of LB Aluminium Berhad



15134
LW : 0.814 kg/m
AP : 293.97 mm

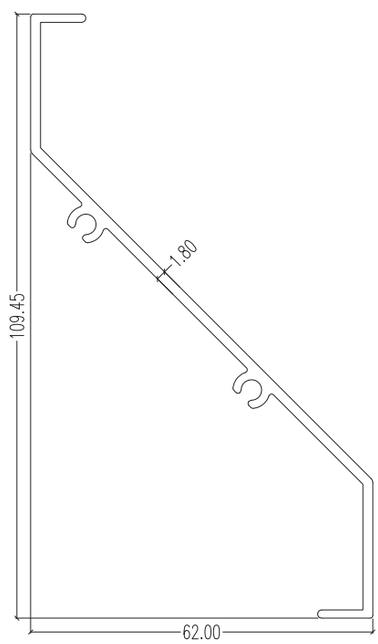


15130
LW : 0.810 kg/m
AP : 273.16 mm



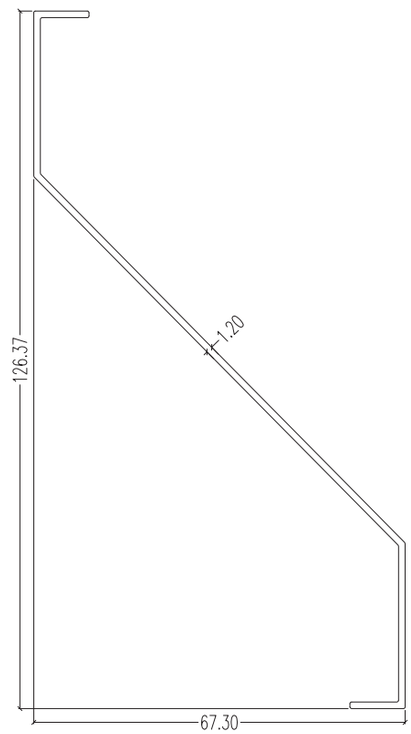
15135
LW : 0.338 kg/m
AP : 167.57 mm

All design are properties of LB Aluminium Berhad

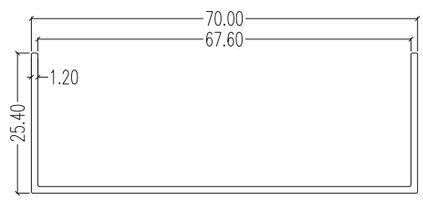


12667
LW : 0.807 kg/m
AP : 335.60 mm

All design are properties of LB Aluminium Berhad

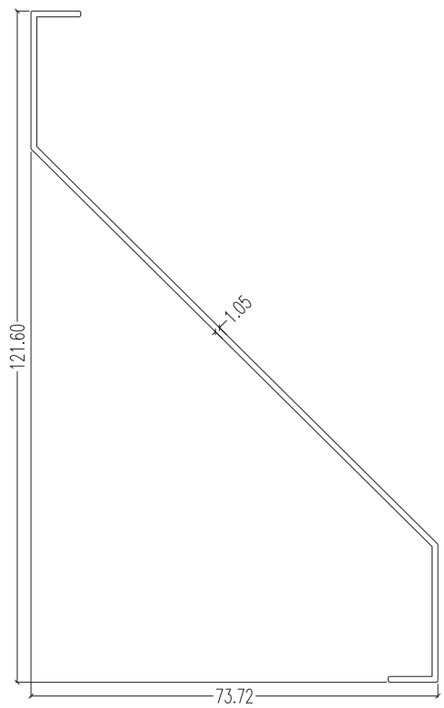


15139
LW : 0.557 kg/m
AP : 343.57 mm

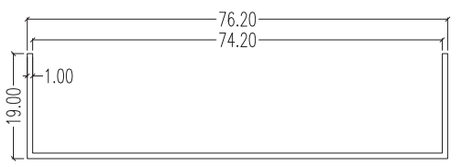


4823
LW : 0.385 kg/m
AP : 238.17 mm

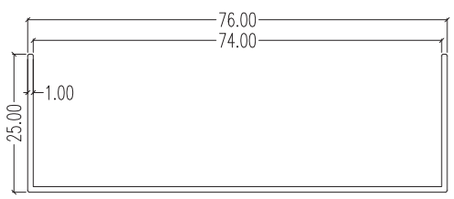
All design are properties of LB Aluminium Berhad



12649
LW : 0.478 kg/m
AP : 336.88 mm

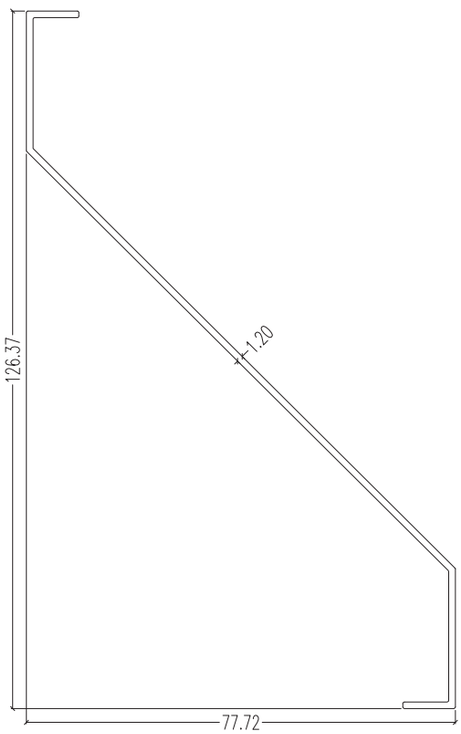


4644
LW : 0.304 kg/m
AP : 225.37 mm

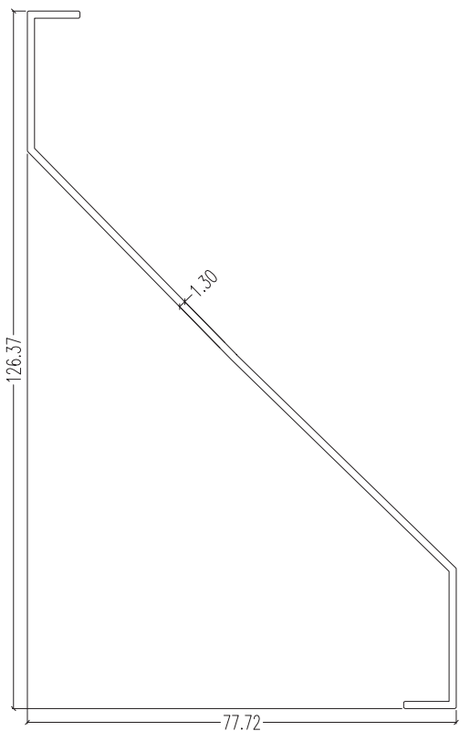


12648
LW : 0.336 kg/m
AP : 249.23 mm

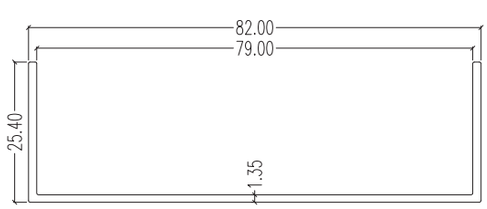
All design are properties of LB Aluminium Berhad



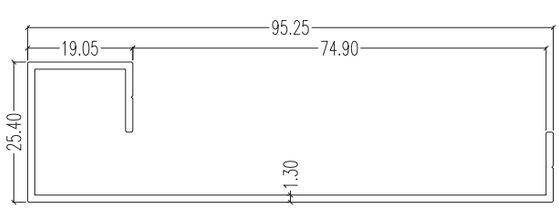
12676
LW : 0.569 kg/m
AP : 350.91 mm



9277
LW : 0.620 kg/m
AP : 350.95 mm

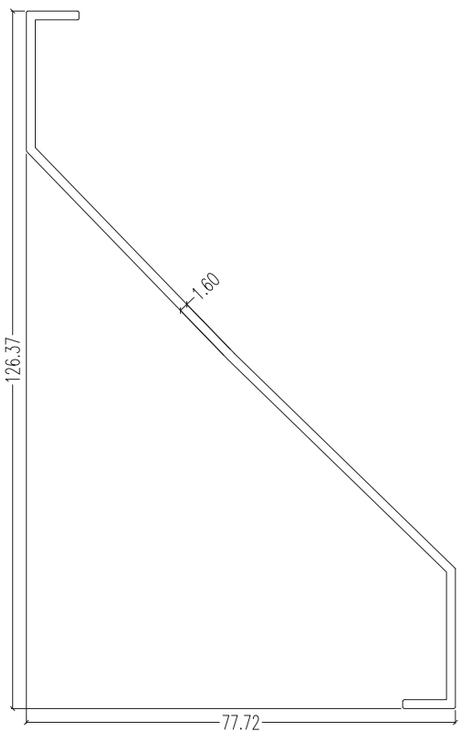


9279
LW : 0.510 kg/m
AP : 261.87 mm



9278
LW : 0.592 kg/m
AP : 321.78 mm

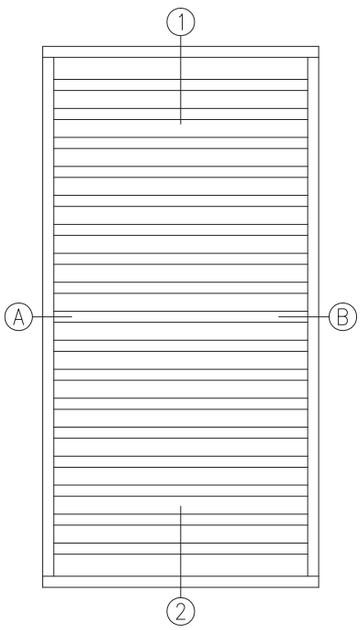
All design are properties of LB Aluminium Berhad



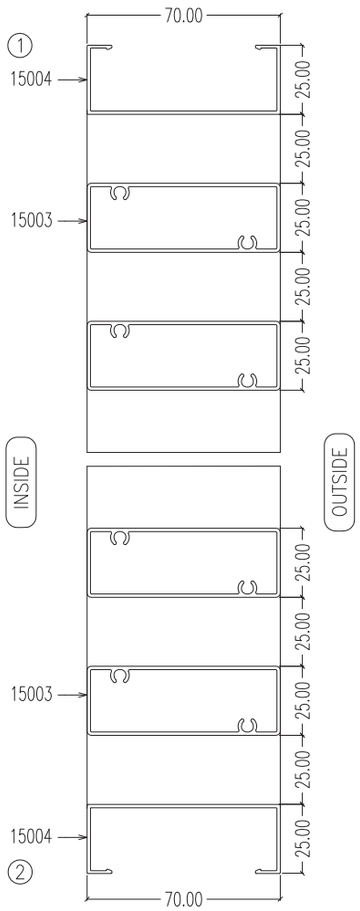
9399
LW : 0.754 kg/m
AP : 349.86 mm

All design are properties of LB Aluminium Berhad

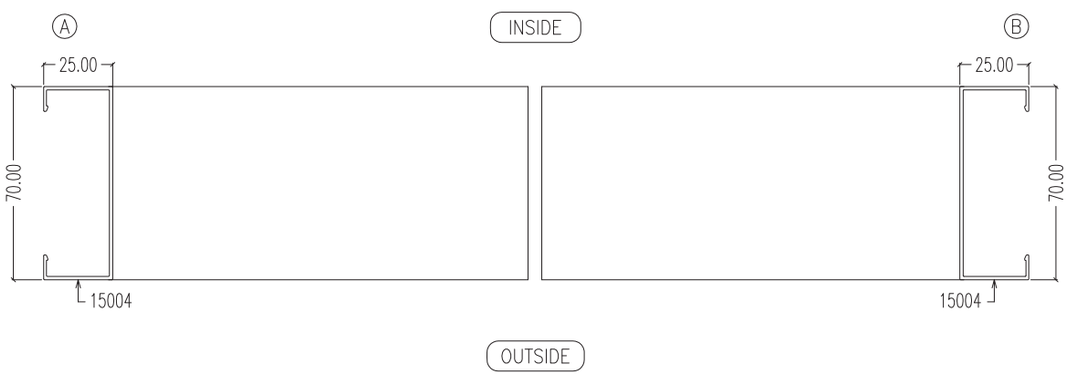
TYPICAL ASSEMBLY SECTIONAL DETAILS



ELEVATION

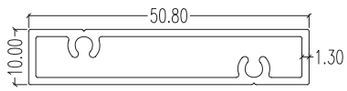


VERTICAL SECTIONS

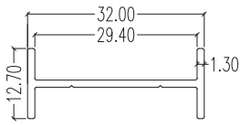


HORIZONTAL SECTIONS

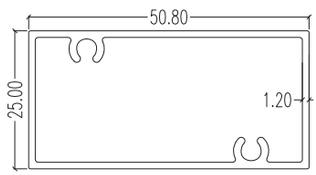
All design are properties of LB Aluminium Berhad



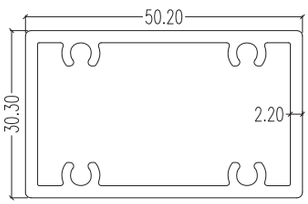
15180
LW : 0.468 kg/m
AP : 121.53 mm



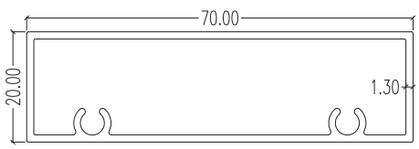
15181
LW : 0.193 kg/m
AP : 111.10 mm



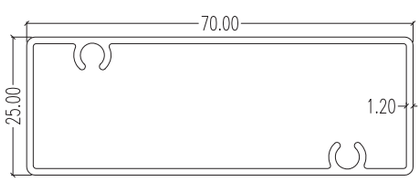
15018
LW : 0.554 kg/m
AP : 151.08 mm



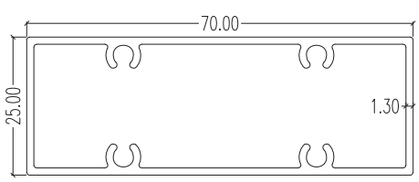
15127
LW : 1.061 kg/m
AP : 159.28 mm



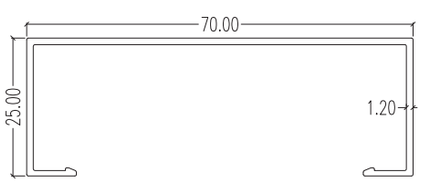
15058
LW : 0.688 kg/m
AP : 179.48 mm



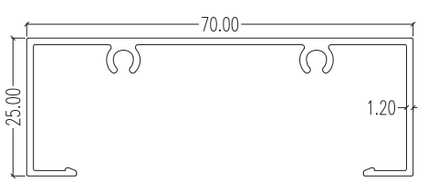
15003
LW : 0.667 kg/m
AP : 187.42 mm



15126
LW : 0.791 kg/m
AP : 189.14 mm

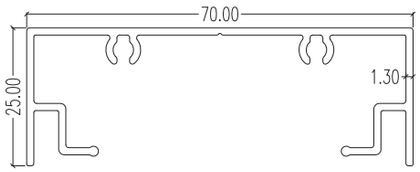


15004
LW : 0.428 kg/m
AP : 268.21 mm

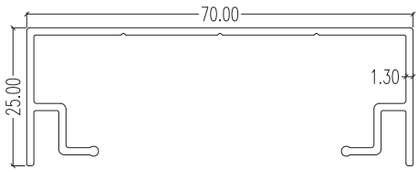


15081
LW : 0.511 kg/m
AP : 305.29 mm

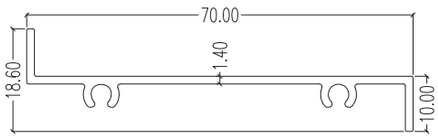
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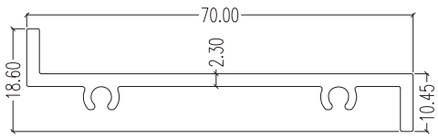
15093
LW : 0.630 kg/m
AP : 352.78 mm



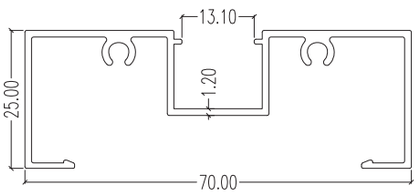
15094
LW : 0.551 kg/m
AP : 312.08 mm



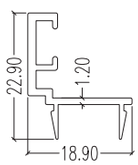
15097
LW : 0.403 kg/m
AP : 206.39 mm



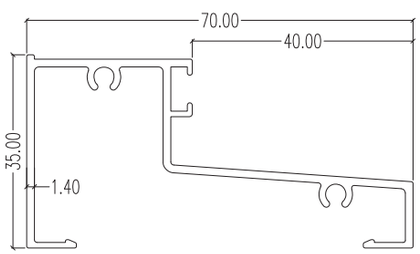
15128
LW : 0.610 kg/m
AP : 206.39 mm



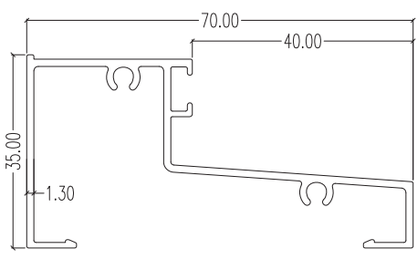
15000
LW : 0.611 kg/m
AP : 366.47 mm



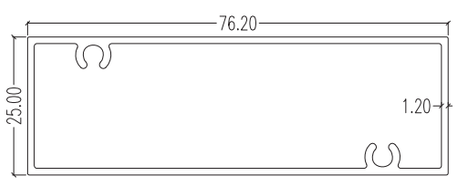
15001
LW : 0.185 kg/m
AP : 115.57 mm



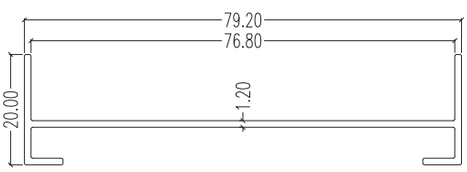
15002
LW : 0.643 kg/m
AP : 348.31 mm



15125
LW : 0.610 kg/m
AP : 348.65 mm

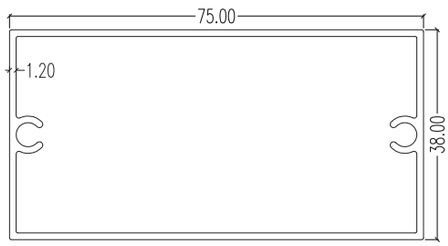


15014
LW : 0.719 kg/m
AP : 201.88 mm

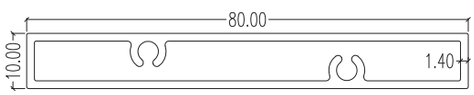


15092
LW : 0.418 kg/m
AP : 257.14 mm

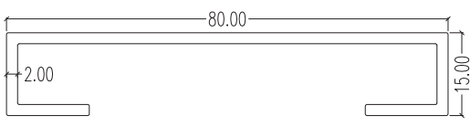
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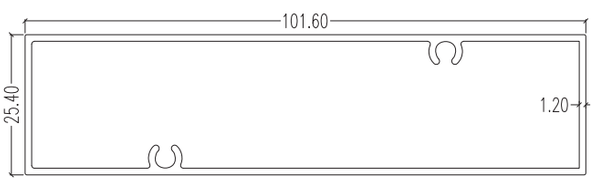
15194
LW : 0.791 kg/m
AP : 255.48 mm



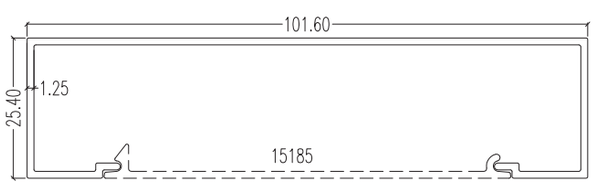
15141
LW : 0.742 kg/m
AP : 179.48 mm



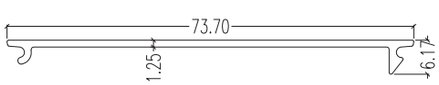
15142
LW : 0.716 kg/m
AP : 266.45 mm



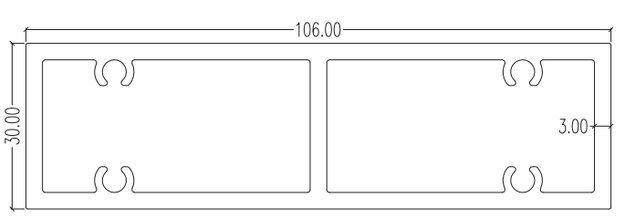
15082
LW : 0.872 kg/m
AP : 253.48 mm



15184
LW : 0.624 kg/m
AP : 367.68 mm

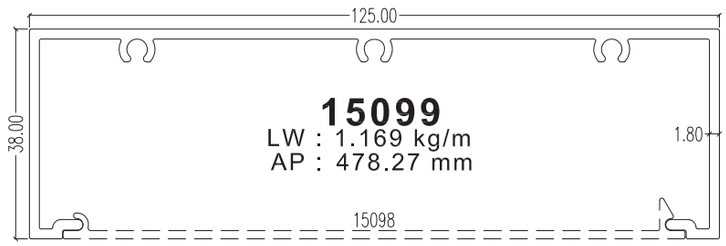


15185
LW : 0.282 kg/m
AP : 164.73 mm

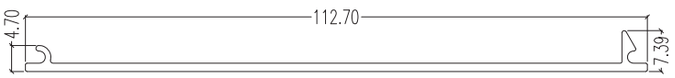


15095
LW : 2.474 kg/m
AP : 271.48 mm

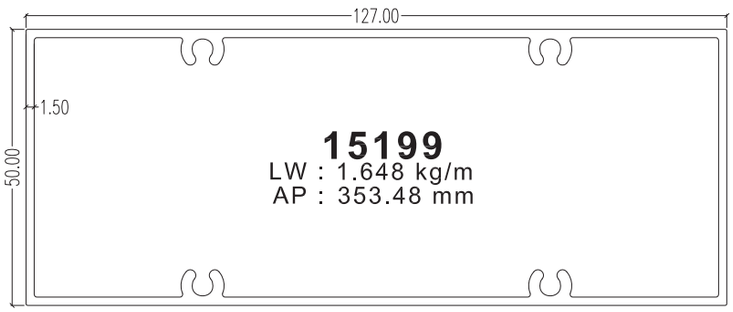
All design are properties of LB Aluminium Berhad



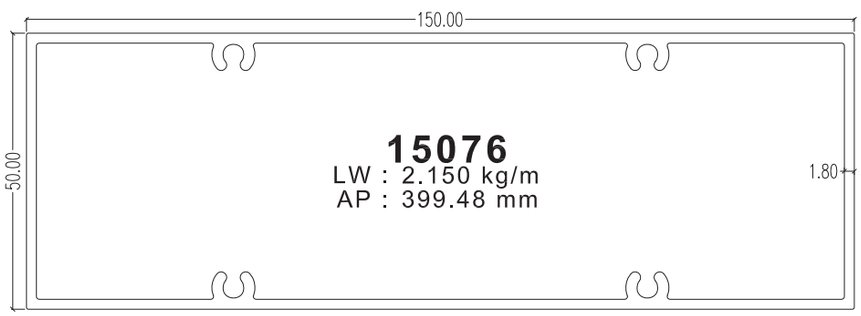
15099
LW : 1.169 kg/m
AP : 478.27 mm



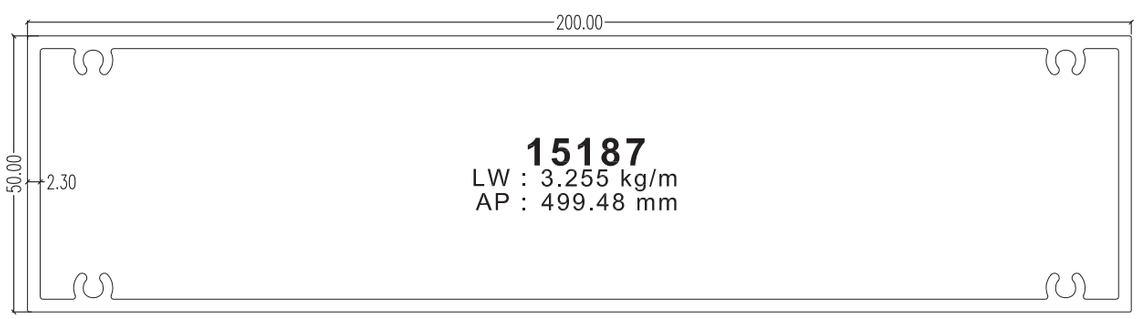
15098
LW : 0.494 kg/m
AP : 247.24 mm



15199
LW : 1.648 kg/m
AP : 353.48 mm

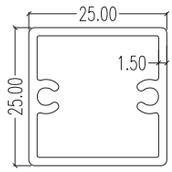


15076
LW : 2.150 kg/m
AP : 399.48 mm

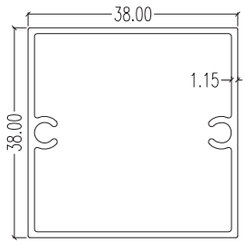


15187
LW : 3.255 kg/m
AP : 499.48 mm

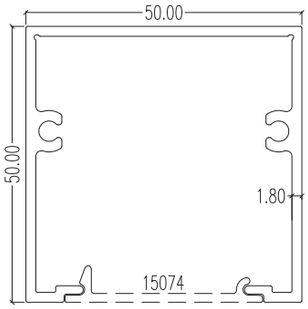
All design are properties of LB Aluminium Berhad



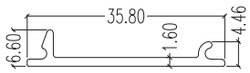
15021
LW : 0.448 kg/m
AP : 98.28 mm



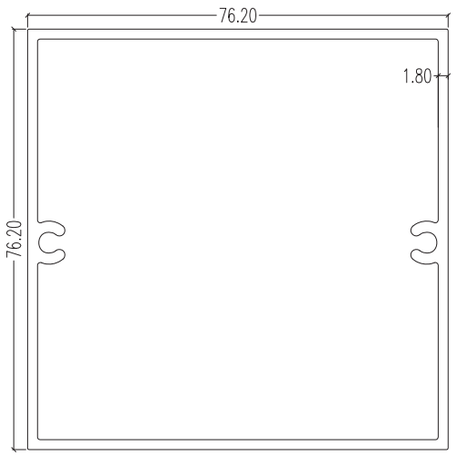
12654
LW : 0.497 kg/m
AP : 151.48 mm



15073
LW : 0.917 kg/m
AP : 365.04 mm

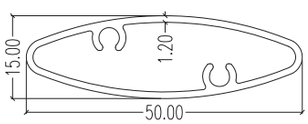


15074
LW : 0.182 kg/m
AP : 89.32 mm

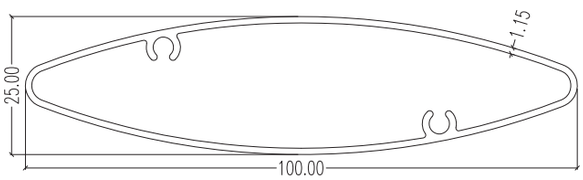


15075
LW : 1.569 kg/m
AP : 304.28 mm

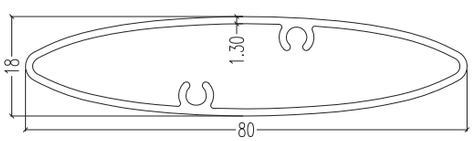
All design are properties of LB Aluminium Berhad



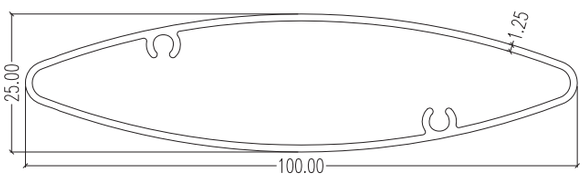
12660
LW : 0.408 kg/m
AP : 109.69 mm



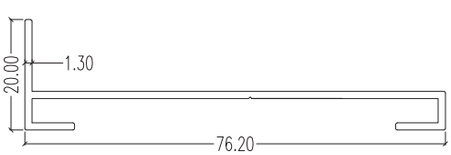
15198
LW : 0.722 kg/m
AP : 213.29 mm



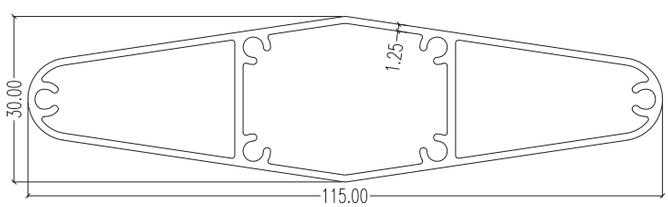
5920
LW : 0.662 kg/m
AP : 169.97 mm



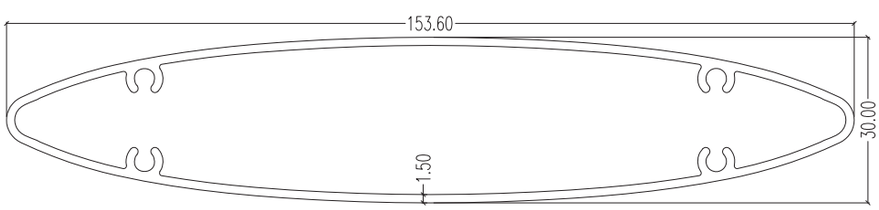
15005
LW : 0.775 kg/m
AP : 213.28 mm



9918
LW : 0.408 kg/m
AP : 266.41 mm

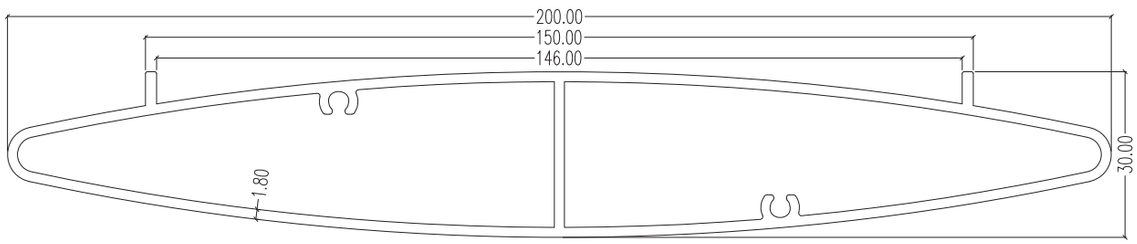


9917
LW : 1.195 kg/m
AP : 249.35 mm

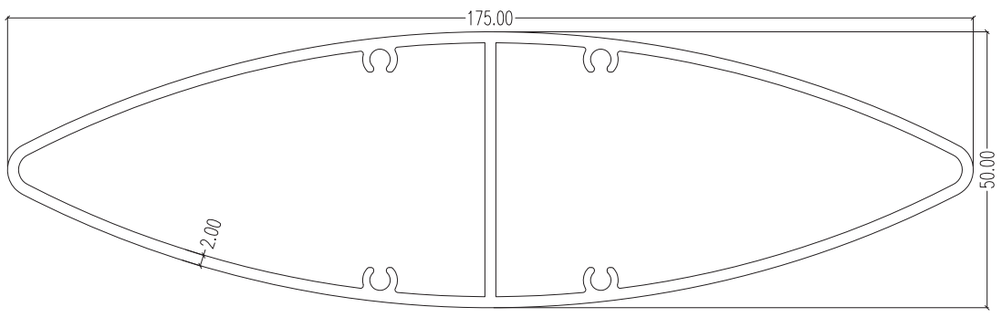


15042
LW : 1.459 kg/m
AP : 322.67 mm

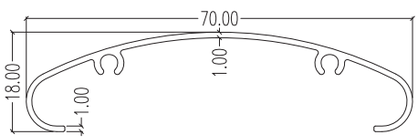
All design are properties of LB Aluminium Berhad



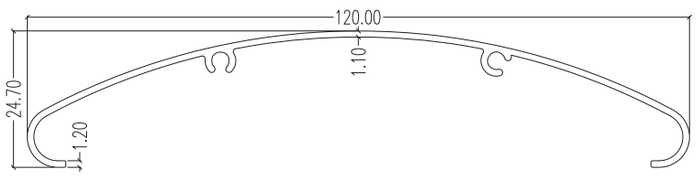
12656
LW : 2.271 kg/m
AP : 437.55 mm



12657
LW : 2.379 kg/m
AP : 374.20 mm



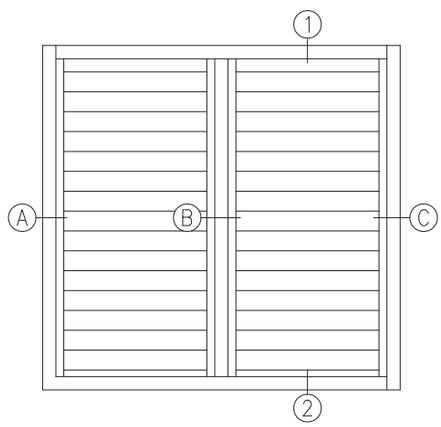
12678
LW : 0.308 kg/m
AP : 218.49 mm



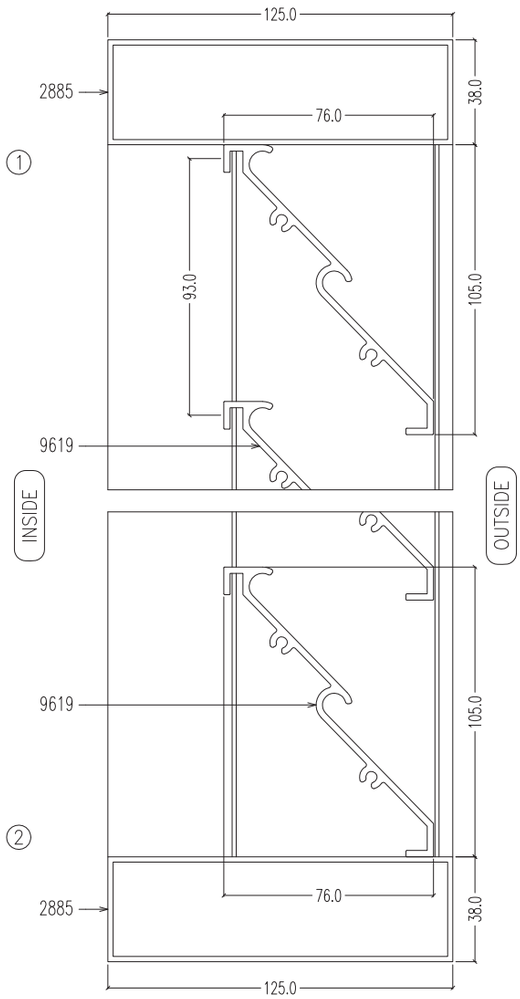
12659
LW : 0.511 kg/m
AP : 323.07 mm

All design are properties of LB Aluminium Berhad

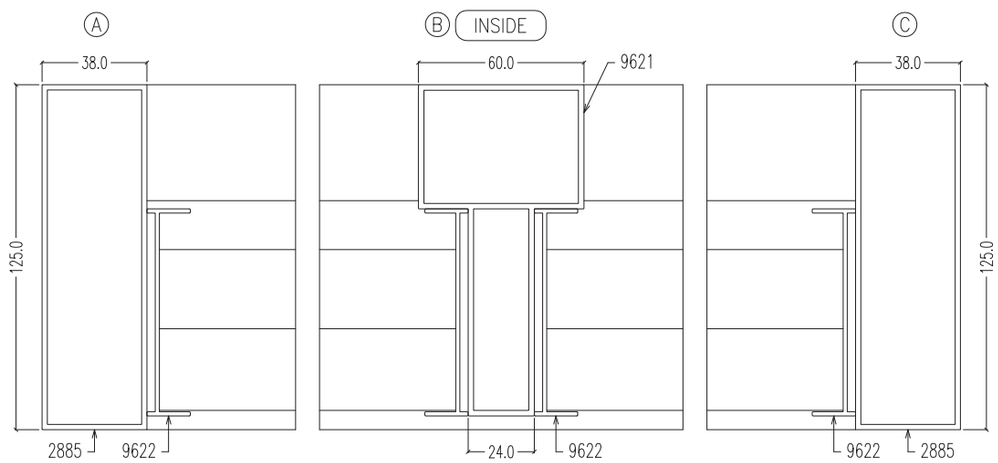
TYPICAL ASSEMBLY SECTIONAL DETAILS



ELEVATION

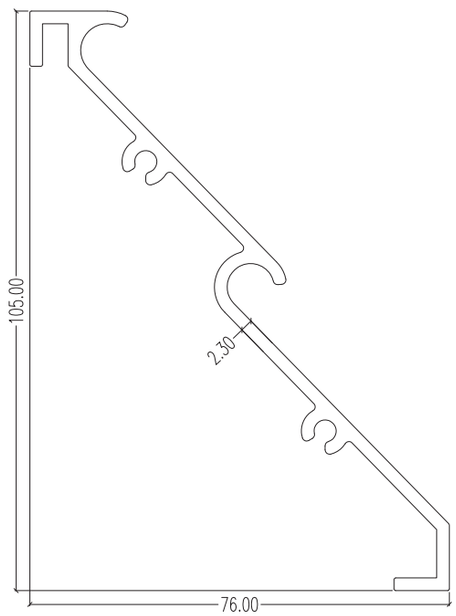


VERTICAL SECTIONS

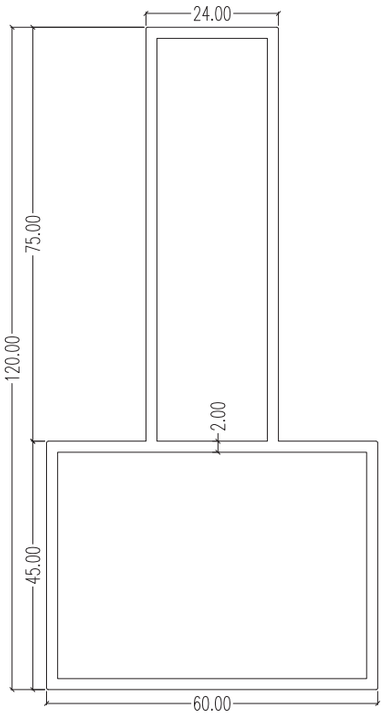


HORIZONTAL SECTIONS

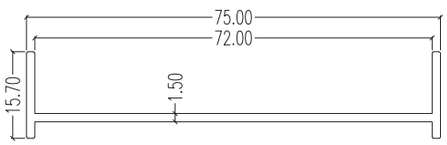
All design are properties of LB Aluminium Berhad



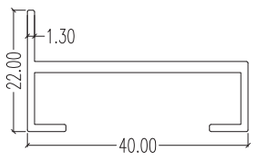
9619
LW : 1.248 kg/m
AP : 384.42 mm



9621
LW : 2.018 kg/m
AP : 359.23 mm



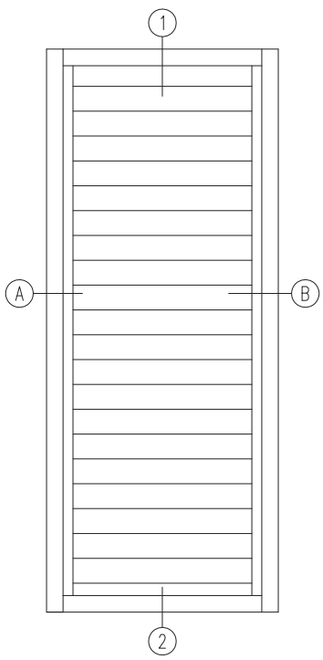
9622
LW : 0.420 kg/m
AP : 208.77 mm

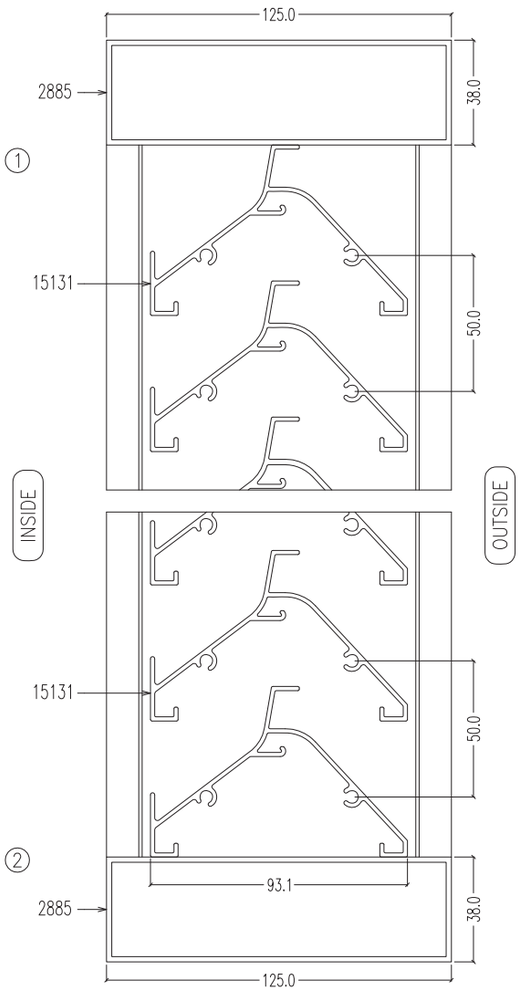


9620
LW : 0.365 kg/m
AP : 167.04 mm

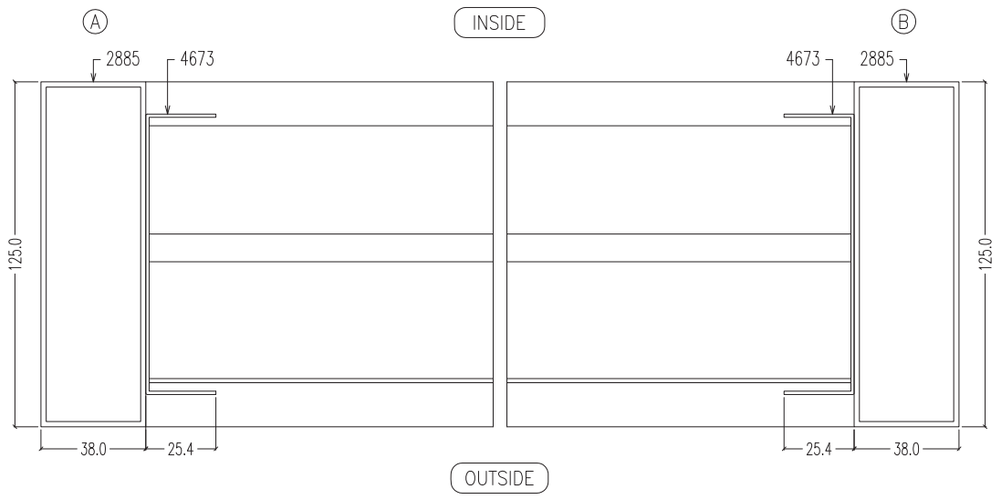
All design are properties of LB Aluminium Berhad

TYPICAL ASSEMBLY SECTIONAL DETAILS



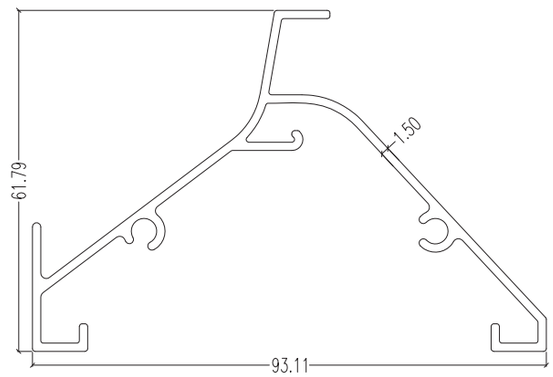


VERTICAL SECTIONS

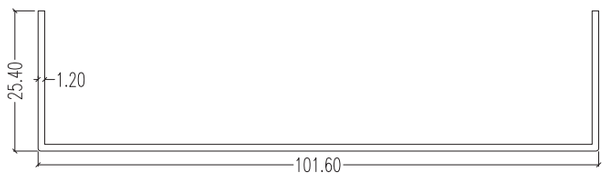


HORIZONTAL SECTIONS

All design are properties of LB Aluminium Berhad



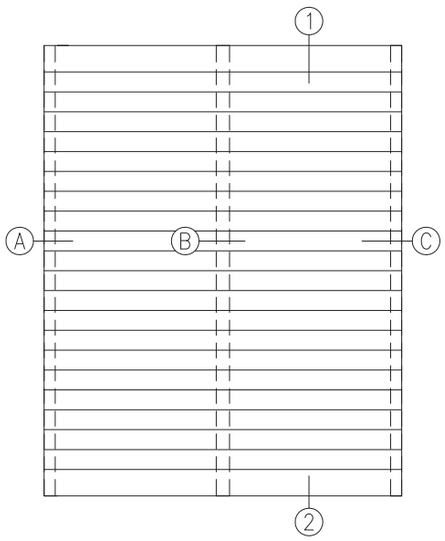
15131
LW : 0.961 kg/m
AP : 453.67 mm



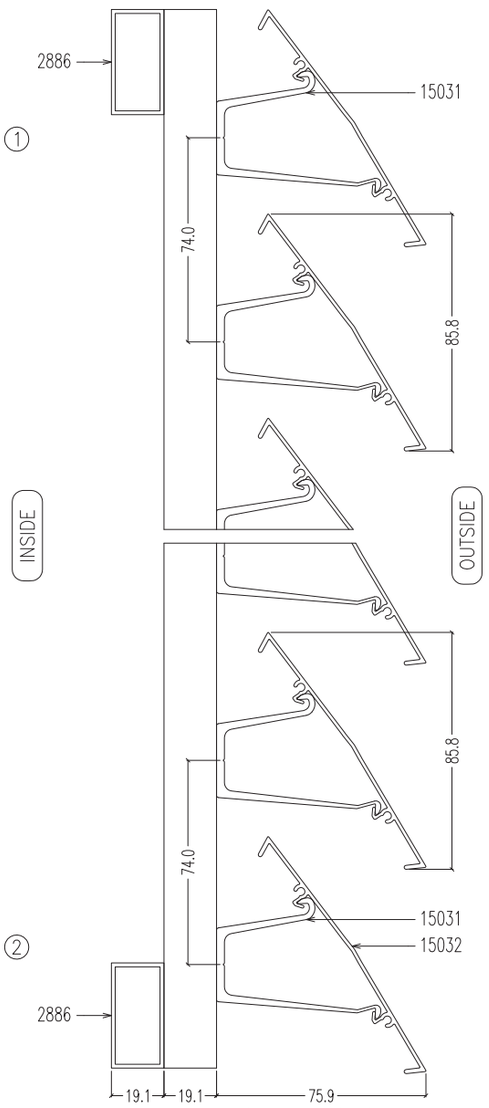
4673
LW : 0.488 kg/m
AP : 301.37 mm

All design are properties of LB Aluminium Berhad

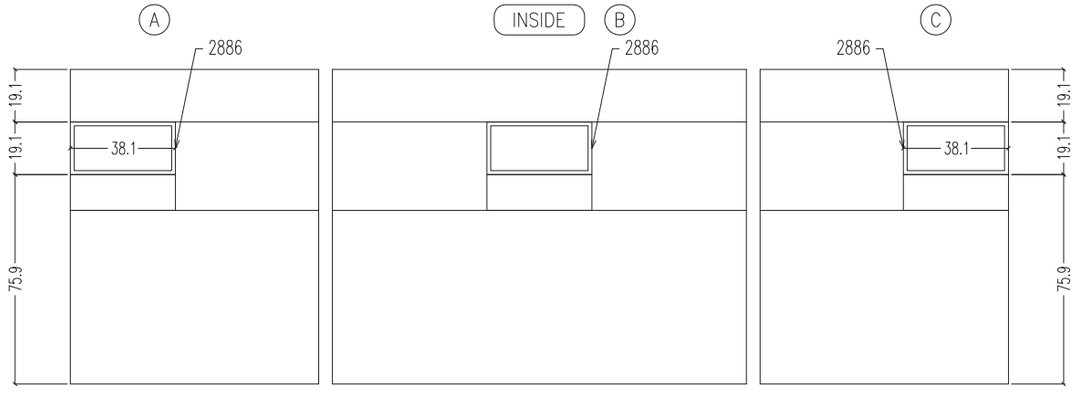
TYPICAL ASSEMBLY SECTIONAL DETAILS



ELEVATION

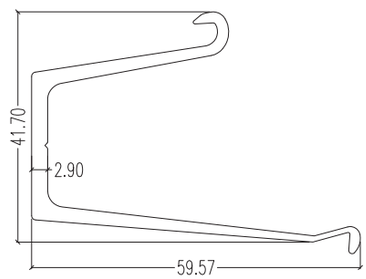


VERTICAL SECTIONS

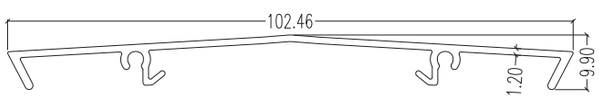


HORIZONTAL SECTIONS

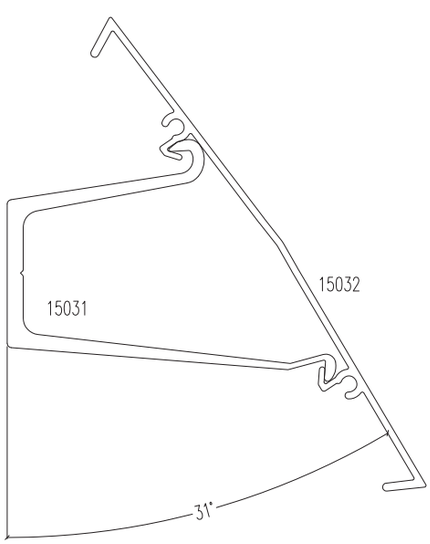
All design are properties of LB Aluminium Berhad



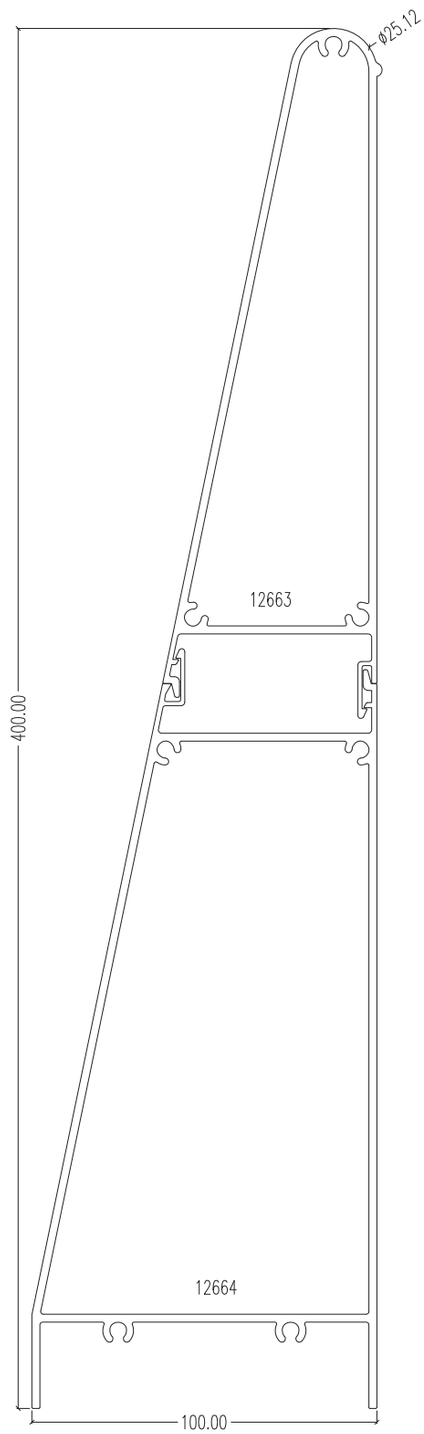
15031
LW : 0.772 kg/m
AP : 256.87 mm



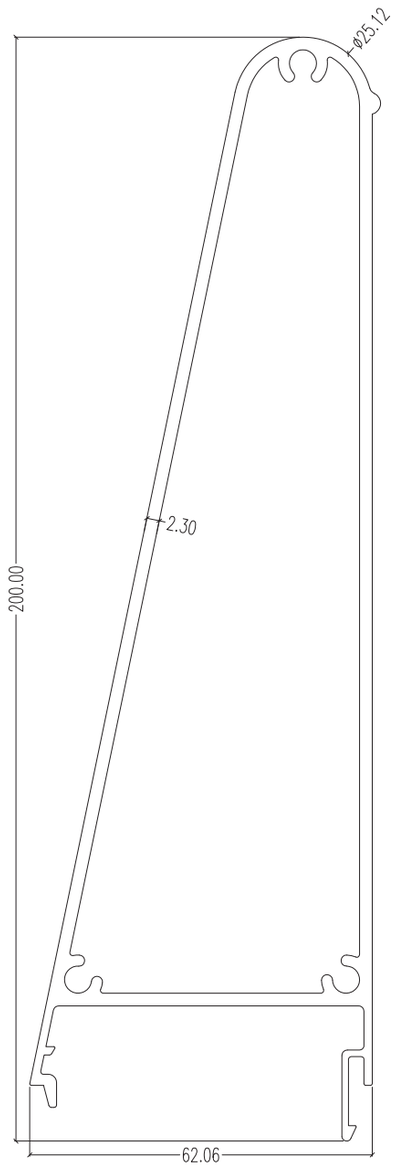
15032
LW : 0.466 kg/m
AP : 277.62 mm



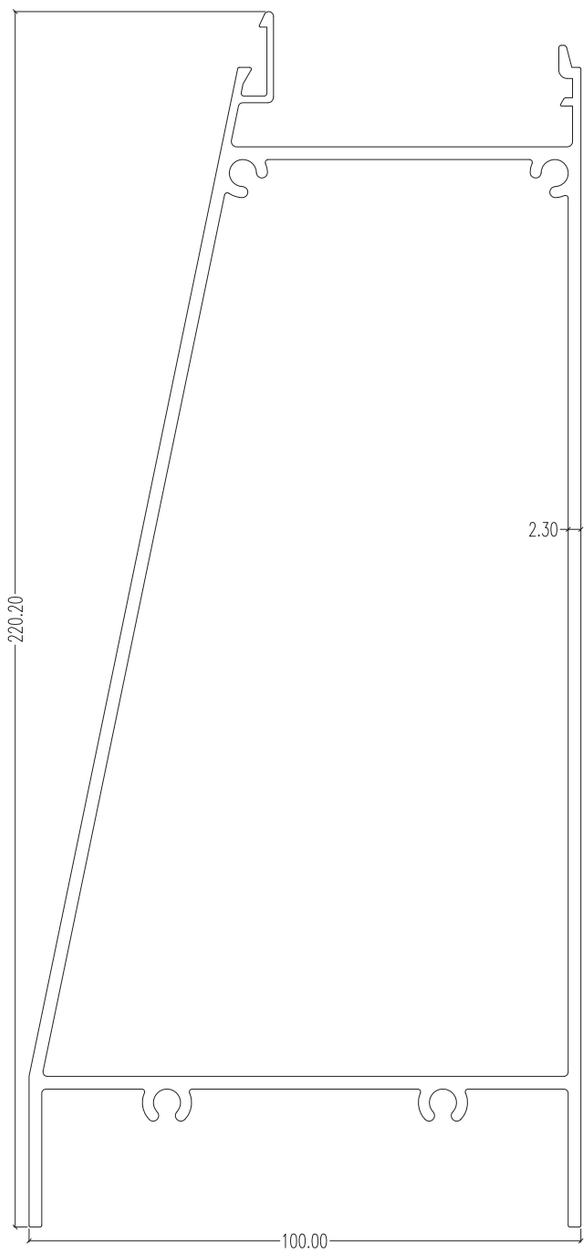
All design are properties of LB Aluminium Berhad



All design are properties of LB Aluminium Berhad



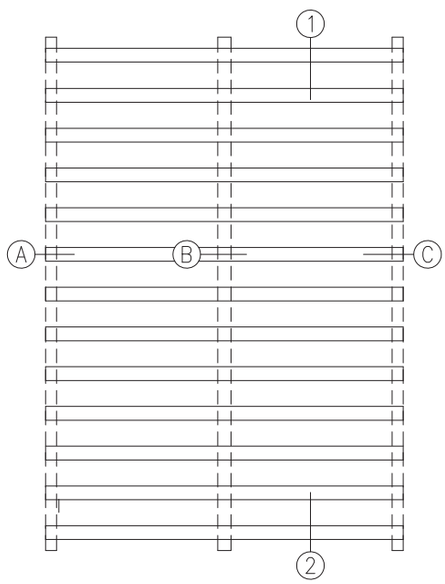
12663
LW : 3.005 kg/m
AP : 540.21 mm



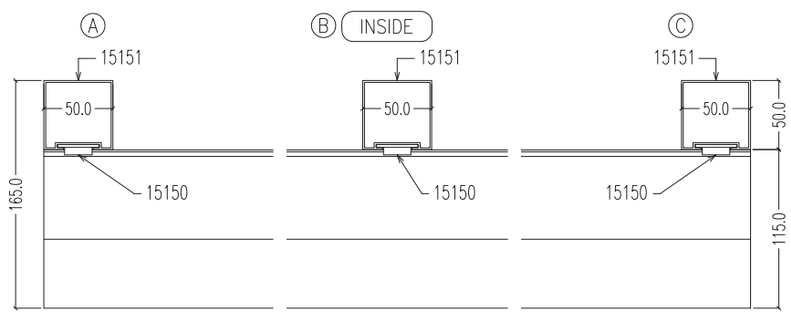
12664
LW : 3.902 kg/m
AP : 766.33 mm

All design are properties of LB Aluminium Berhad

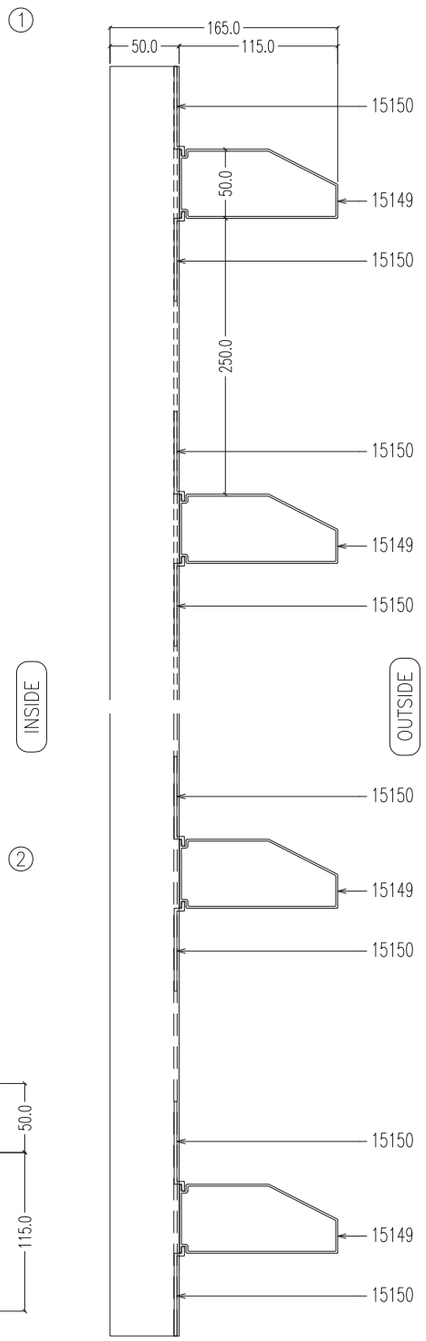
TYPICAL ASSEMBLY SECTIONAL DETAILS



ELEVATION

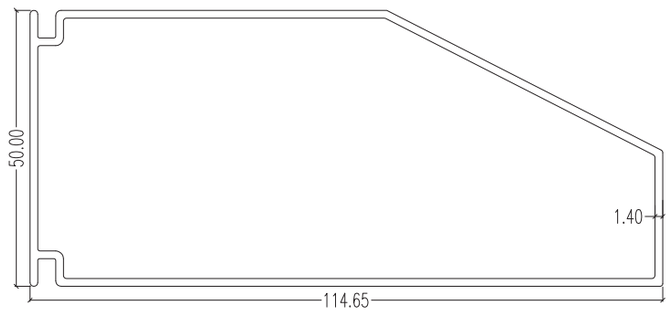


HORIZONTAL SECTIONS



VERTICAL SECTIONS

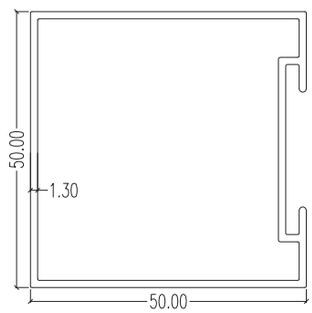
All design are properties of LB Aluminium Berhad



15149
LW : 1.191 kg/m
AP : 327.09 mm



15150
LW : 0.381 kg/m
AP : 144.22 mm



15151
LW : 0.748 kg/m
AP : 225.35 mm

All design are properties of LB Aluminium Berhad