

Architectural Systems

Curtain Walls 2



TÜV Rheinland®
CERT
ISO 14001
BS OHSAS 18001



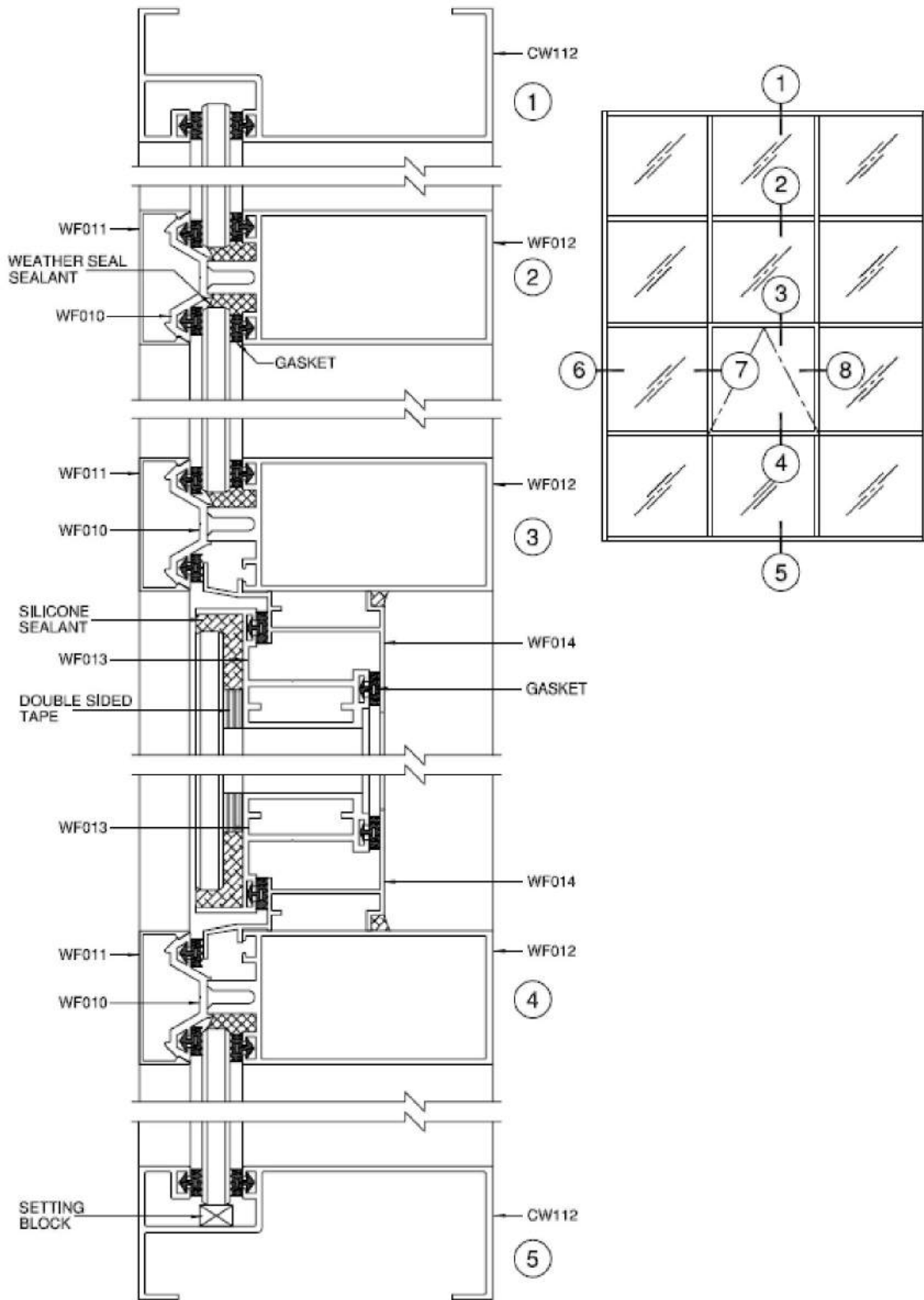
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|--|-----------------|-----------------|
| | CURTAIN WALLS | REF : |
| | CONTENTS | DATE : JAN 2015 |

CURTAIN WALL

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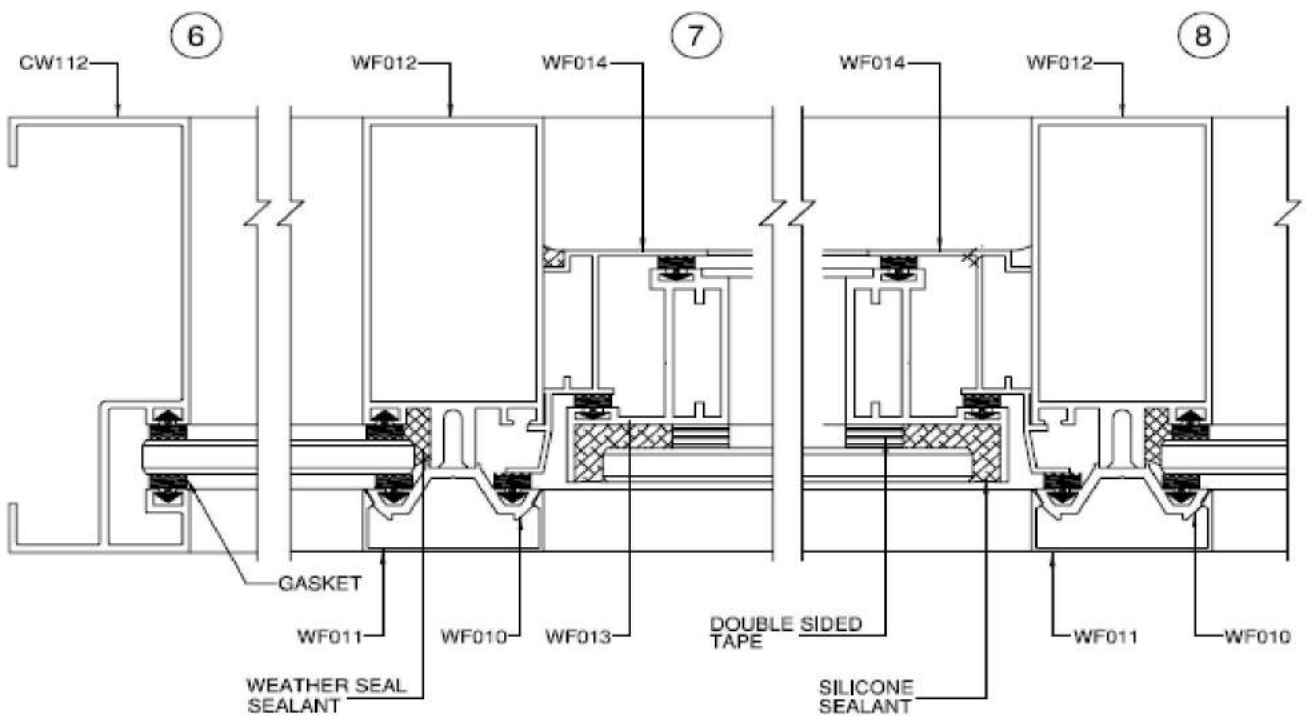
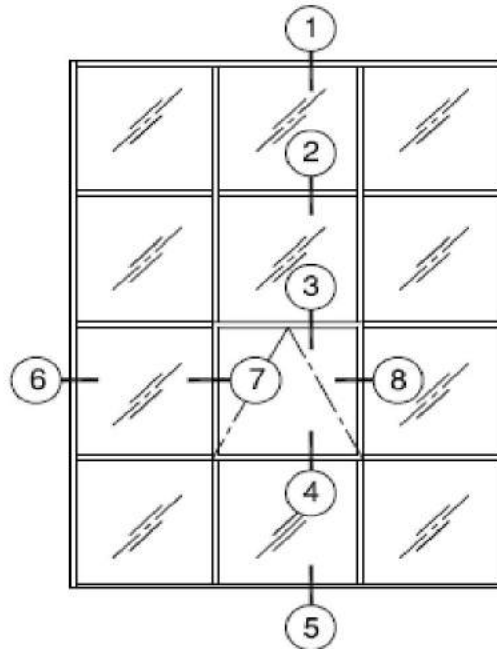
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| | CURTAIN WALL | REF : PMWALL40A.1/7. |
| | PMWALL 40A | DATE : JAN 2015 |

CURTAIN WALL
TYPICAL ARRANGEMENT

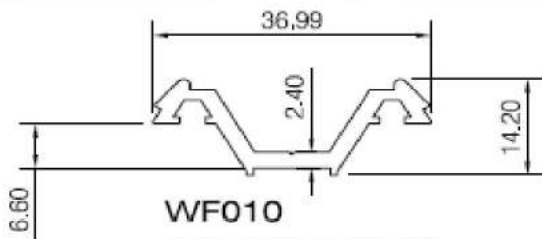


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| | PMWALL 40A | DATE : JAN 2015 |

CURTAIN WALL
TYPICAL ARRANGEMENT

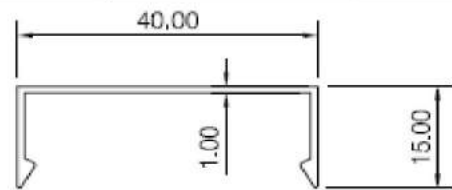


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|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL40A.3/7. |
| | PMWALL 40A | DATE : JAN 2015 |



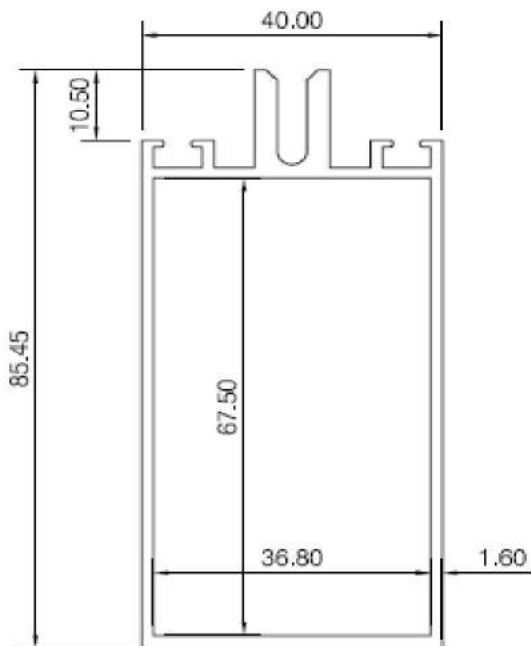
WF010

WT : 0.366 kg/m (S)
AP : 135.00mm



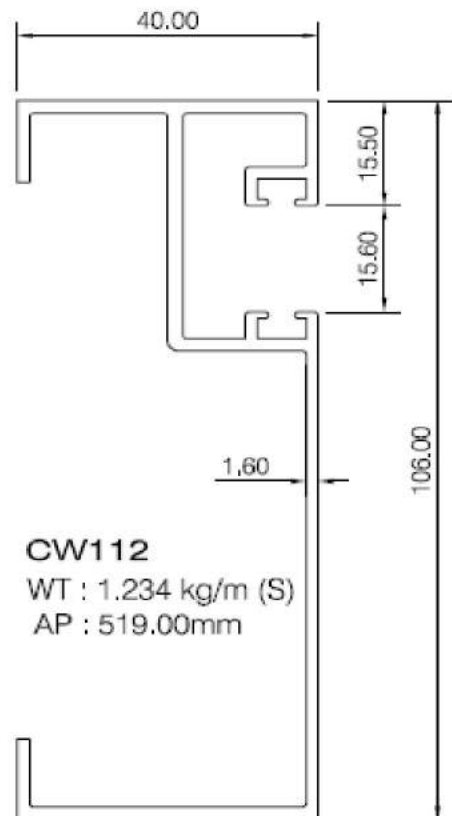
WF011

WT : 0.196 kg/m (S)
AP : 139.14mm



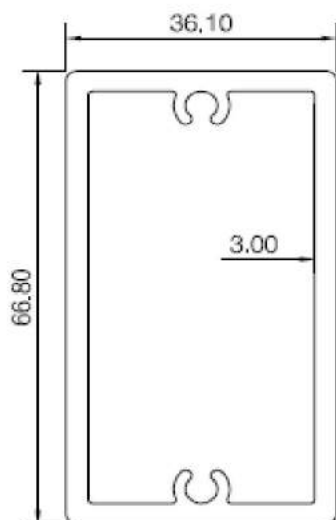
WF012

WT : 1.286 kg/m (H)
AP : 317.00mm



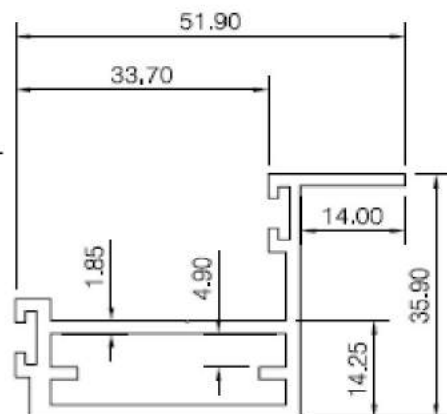
CW112

WT : 1.234 kg/m (S)
AP : 519.00mm



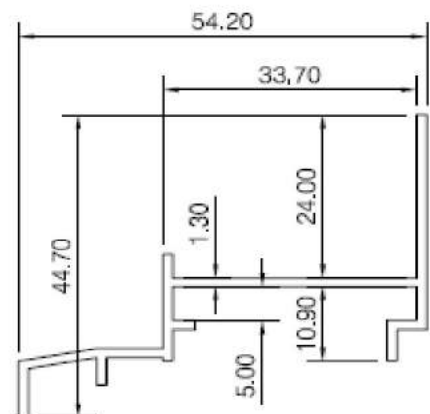
CW114

WT : 1.664 kg/m (H)
AP : 203.20mm



WF013

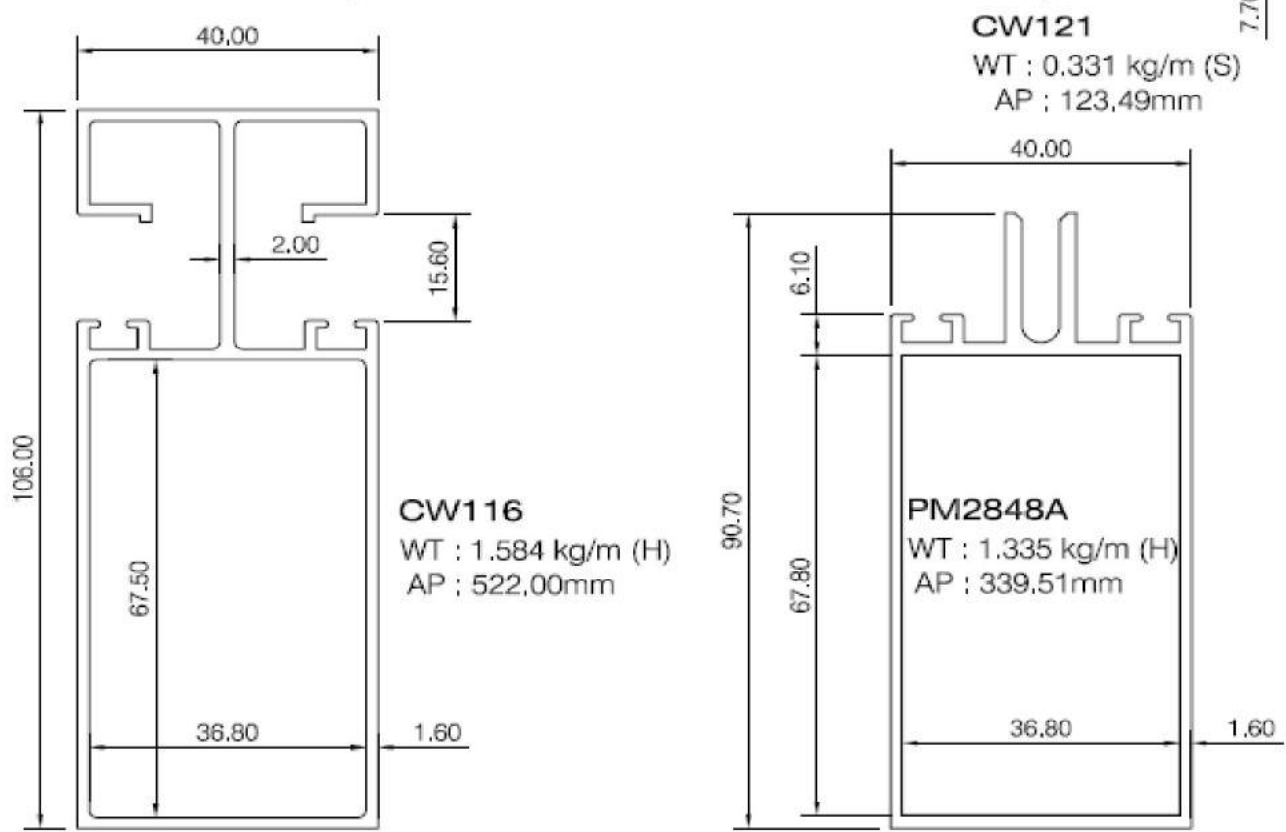
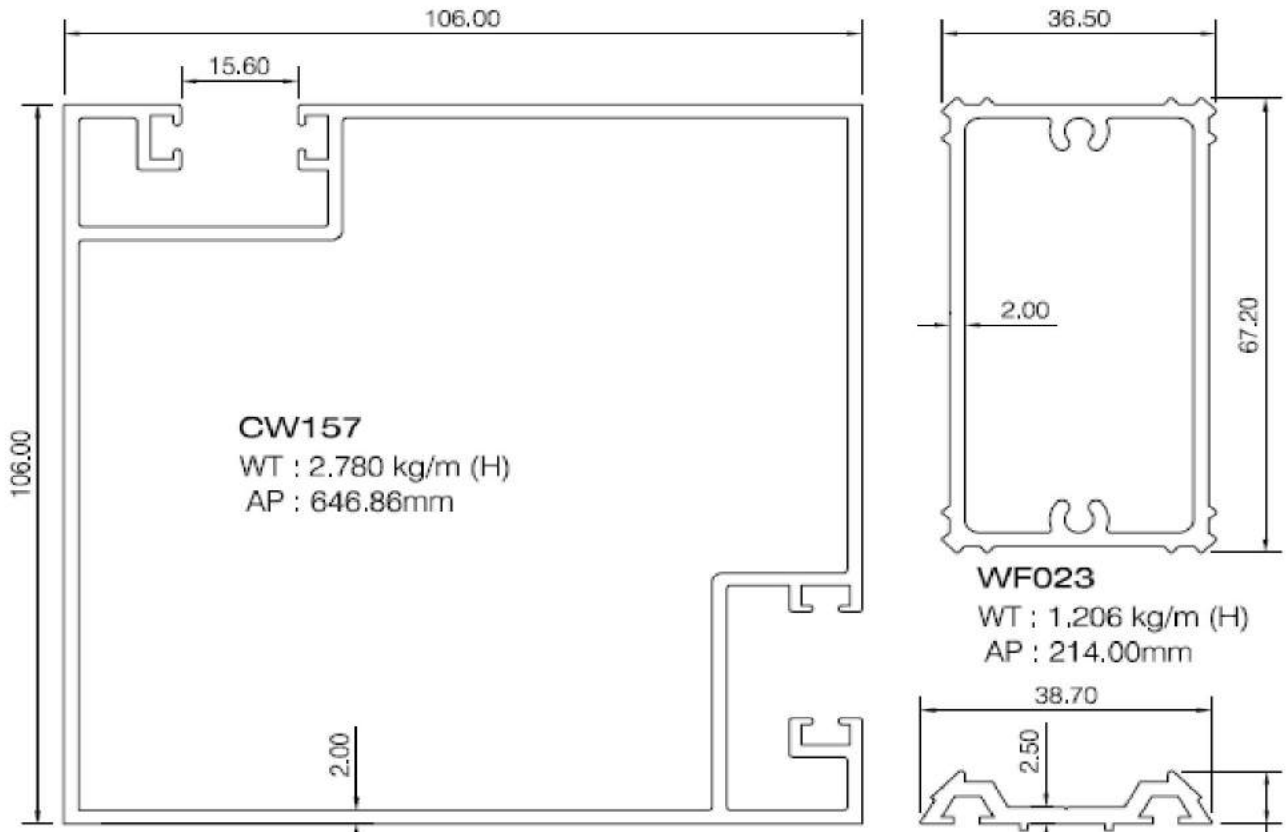
WT : 0.762 kg/m (H)
AP : 212.00mm



WF014

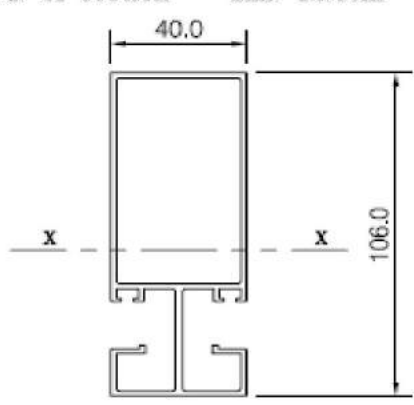
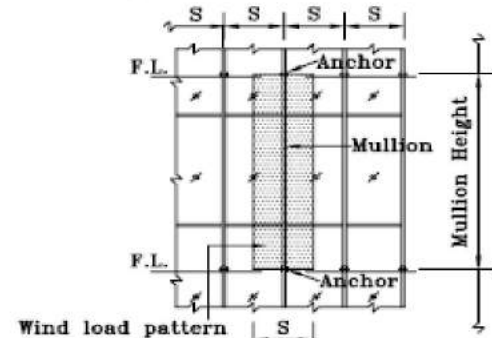
WT : 0.429 kg/m (S)
AP : 246.00mm

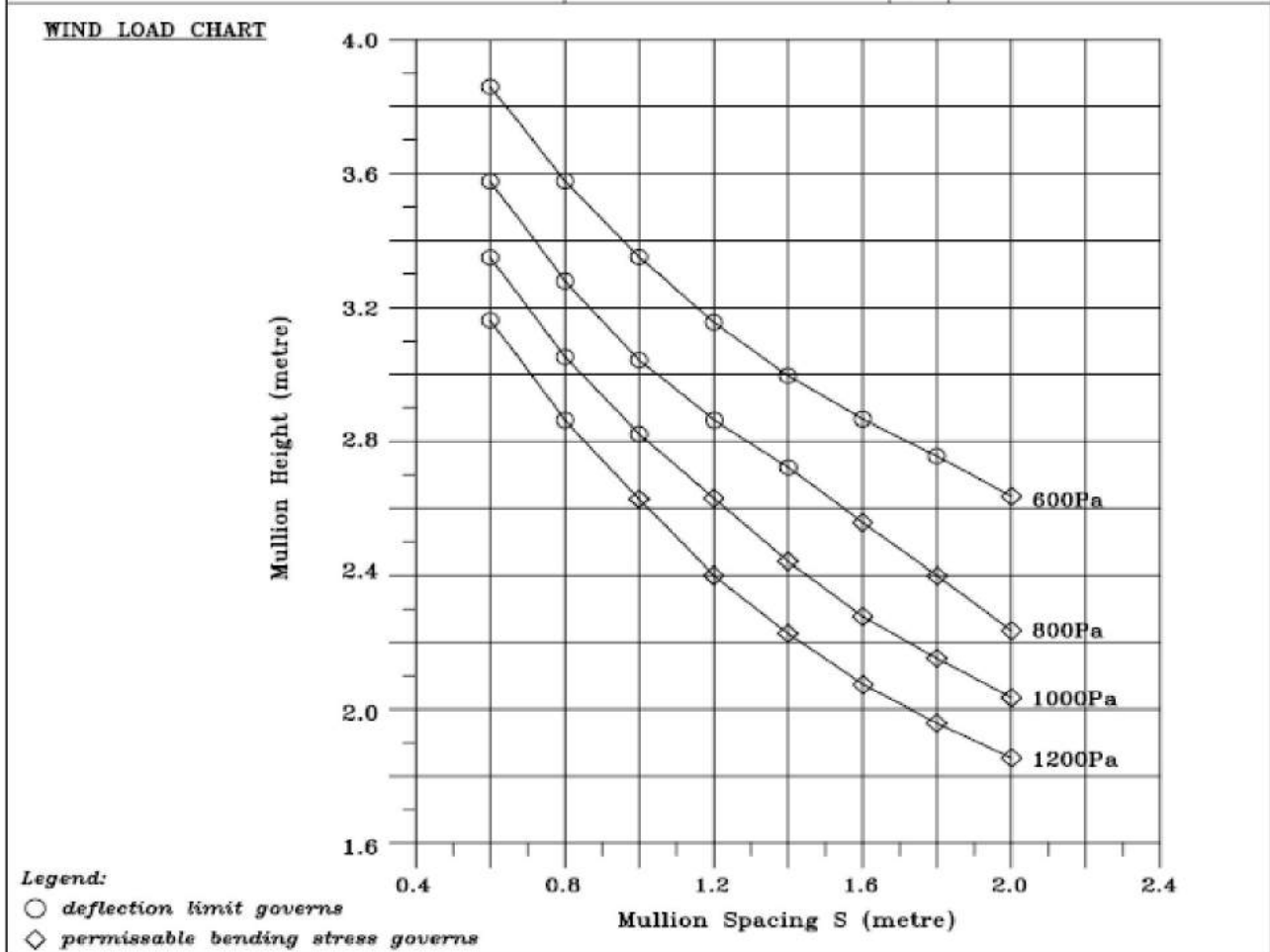
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| | CURTAIN WALL | REF : PMWALL40A.4/7. |
| | PMWALL 40A | DATE : JAN 2015 |



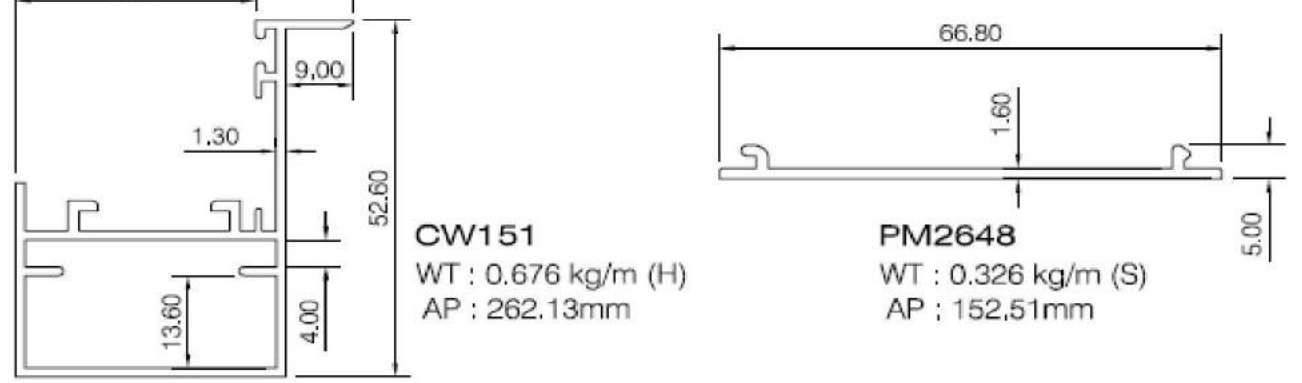
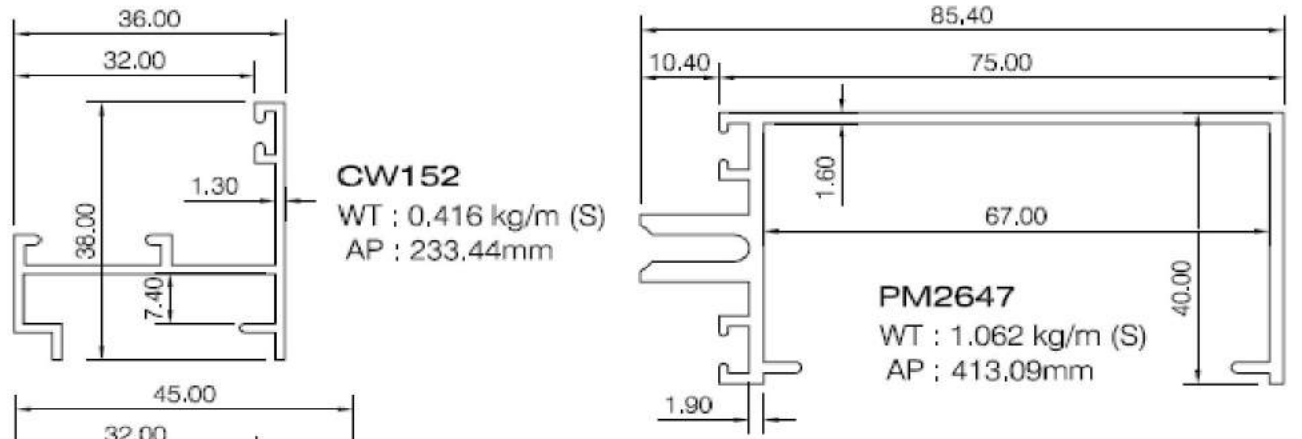
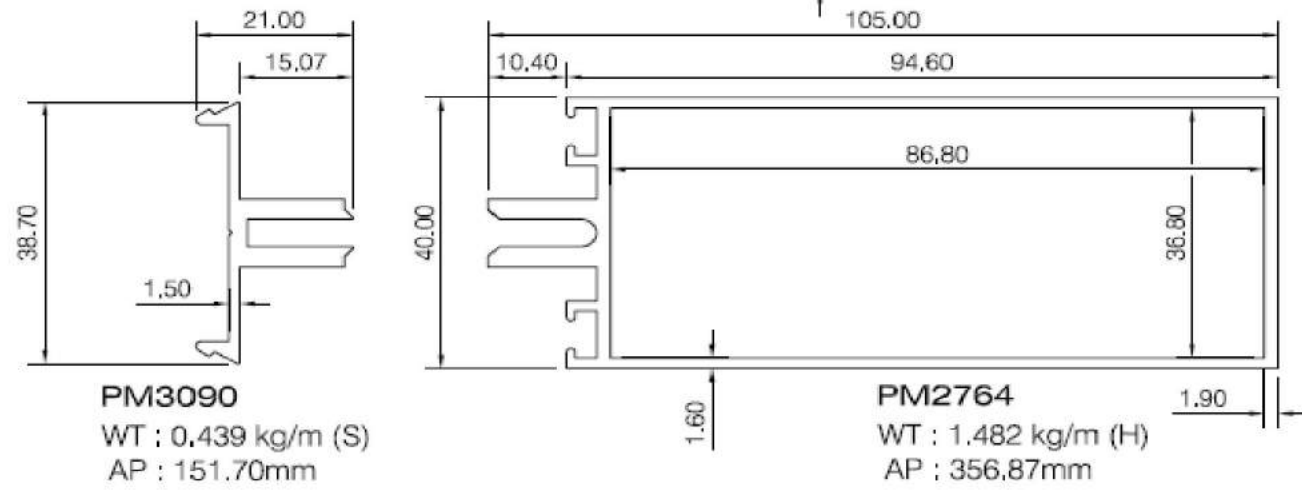
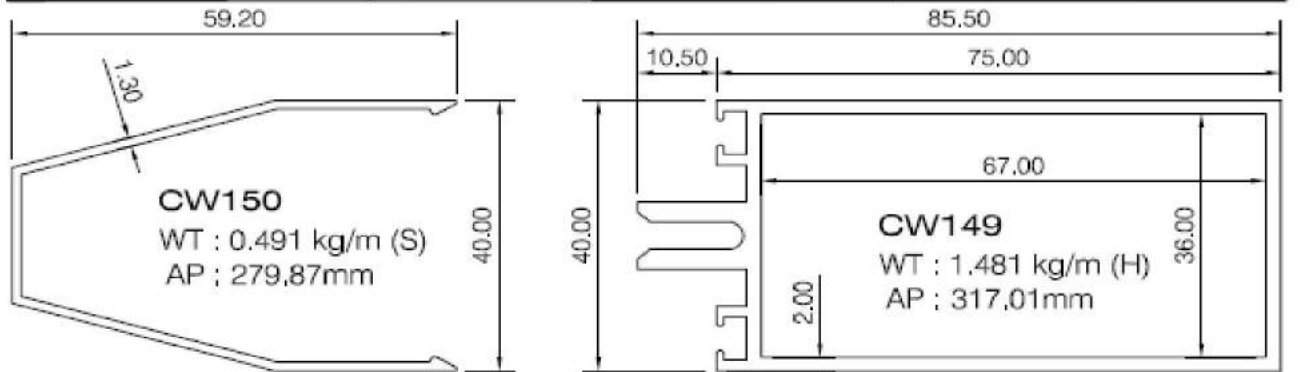
| | | |
|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL40A.5/7. |
| | PMWALL 40A | DATE : JAN 2015 |

CURTAIN WALL

| | |
|--|--|
| <p>MULLION SECTION NO. : CW116</p> <p>Alum. alloy : 6063-T5</p> <p>Moment of inertia I_{xx}: 73.2cm⁴</p> <p>Mod. of section Z_{xx}: 12.4cm³</p>  | <p>Mod. of elasticity : $70 \times 10^9 \text{ n/m}^2$</p> <p>Defln. limit : $\frac{\text{Span}}{175}$, up to max. 20mm</p> <p>Perm. bend. stress : 1.25 x 67 Mpa (within slenderness limit)</p> <p>Nature of anchor : Simply supported</p> <p>Typical configuration of curtain wall:</p>  |
|--|--|



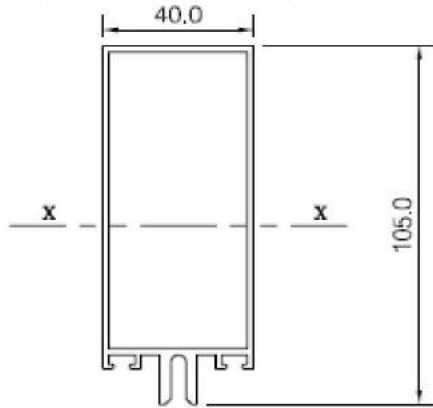
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|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL40A.6/7. |
| | PMWALL 40A | DATE : JAN 2015 |



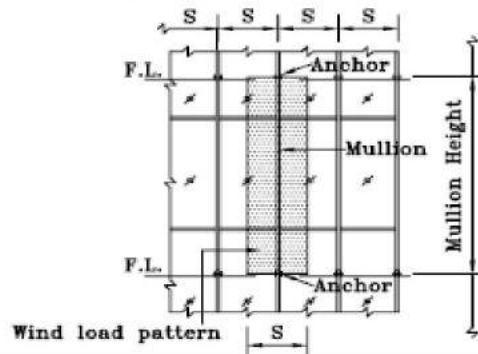
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|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL40A.7/7. |
| | PMWALL 40A | DATE : JAN 2015 |

CURTAIN WALL

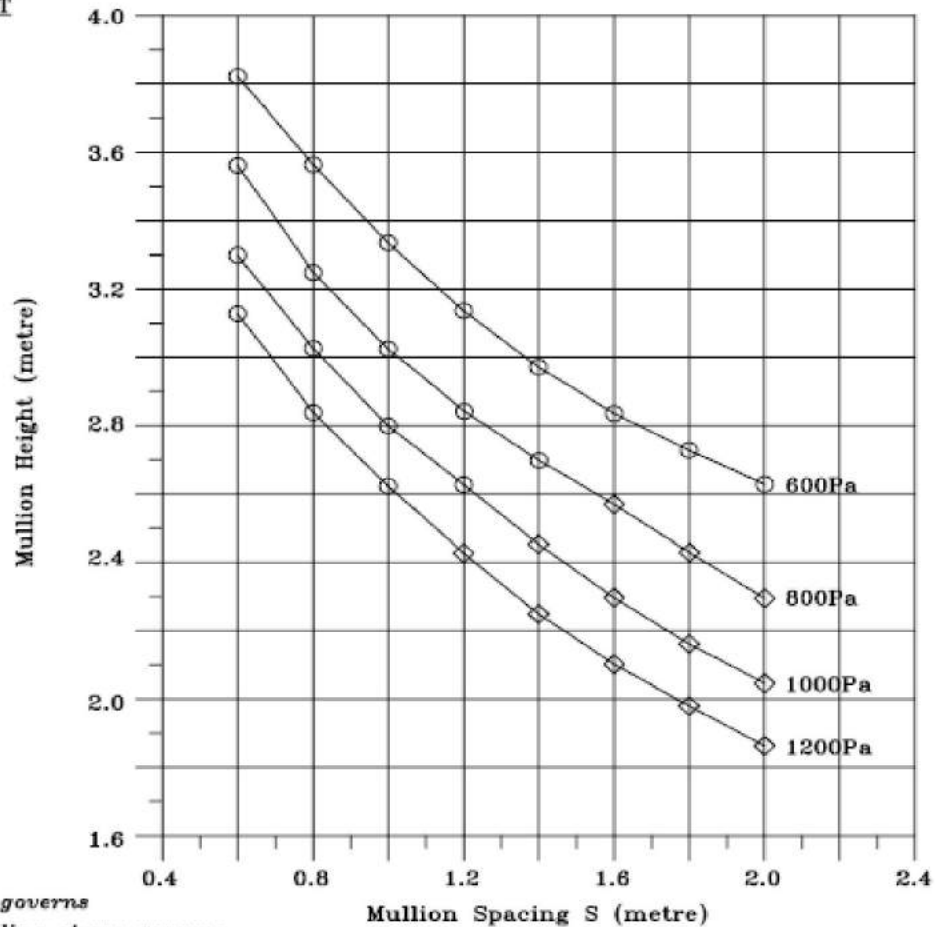
MULLION SECTION NO. : PM2764
 Alum. alloy : 6063-T5
 Moment of inertia I_{xx} : 71.4cm⁴
 Mod. of section Z_{xx} : 12.7cm³



Mod. of elasticity : $70 \times 10^9 \text{ n/m}^2$
 Defln. limit : $S_{\text{span}}/175$, up to max. 20mm
 Perm. bend. stress : $1.25 \times 67 \text{ Mpa}$
 (within slenderness limit)
 Nature of anchor : Simply supported
 Typical configuration of curtain wall:



WIND LOAD CHART

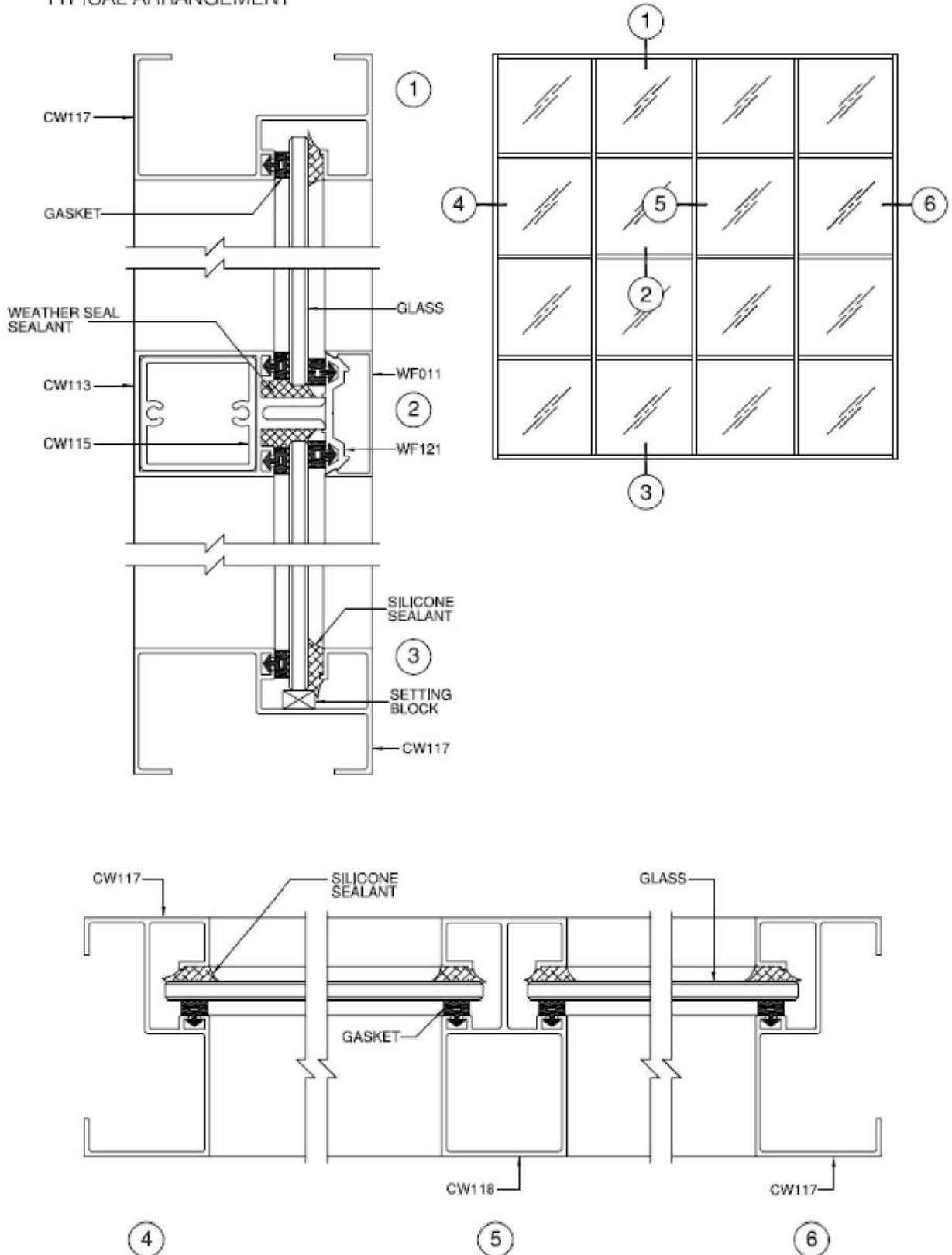


Legend:

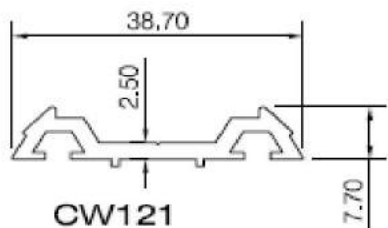
- deflection limit governs
- ◇ permissible bending stress governs

| | | |
|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL40B.1/4. |
| | PMWALL 40B | DATE : JAN 2010 |
| | | REPLACES : |

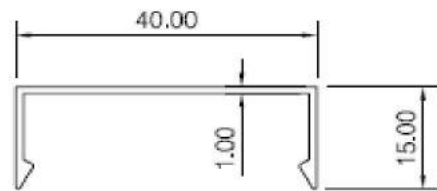
CURTAIN WALL
TYPICAL ARRANGEMENT



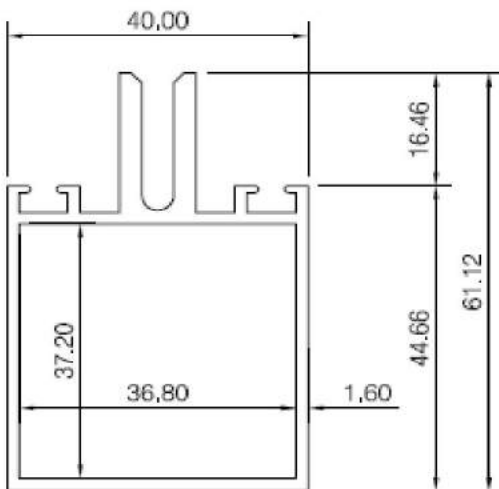
| | | |
|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL40B.2/4. |
| | PMWALL 40B | DATE : JAN 2010 |
| | | REPLACES : |



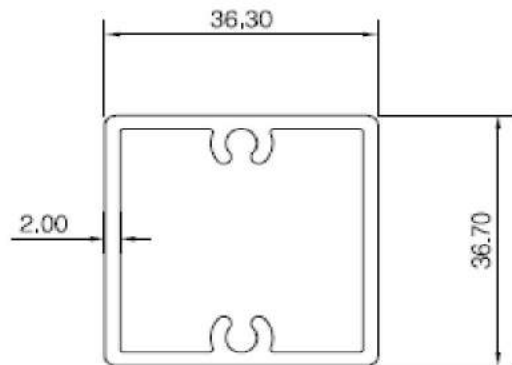
CW121
 WT : 0.331 kg/m (S)
 AP : 123.49mm



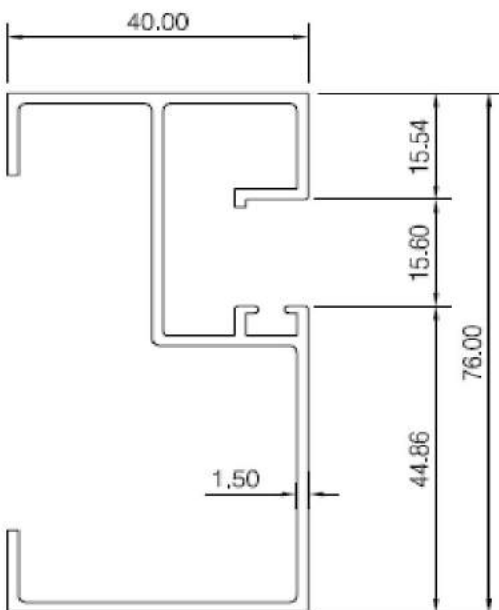
WF011
 WT : 0.196 kg/m (S)
 AP : 138.00mm



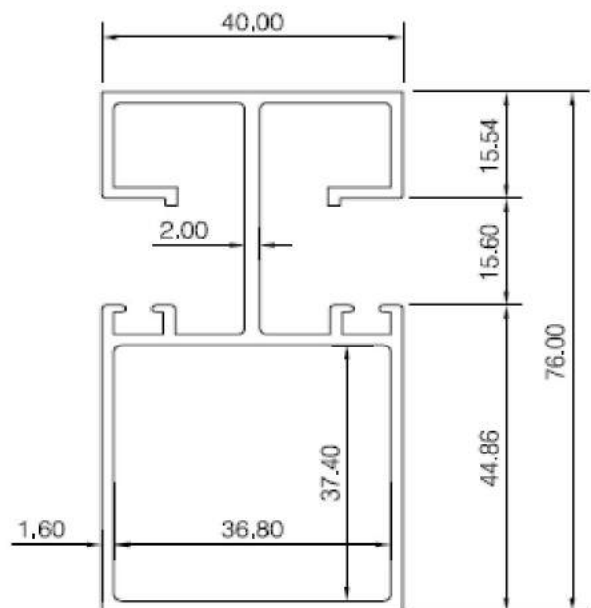
CW113
 WT : 1.123 kg/m (H)
 AP : 281.40mm



CW115
 WT : 0.854 kg/m (H)
 AP : 142.00mm

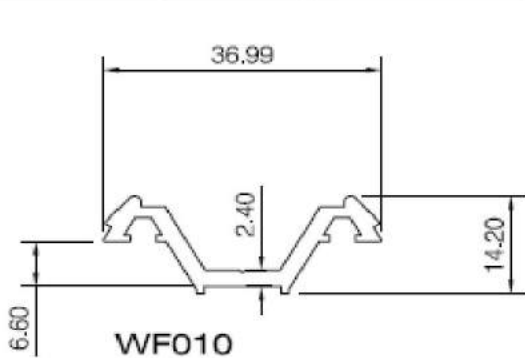


CW117
 WT : 0.927 kg/m (S)
 AP : 455.00mm



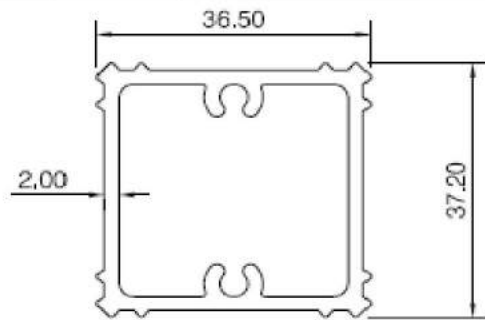
CW118
 WT : 1.325 kg/m (H)
 AP : 443.00mm

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|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL40B.3/4. |
| | PMWALL 40B | DATE : JAN 2010 |
| | | REPLACES : |



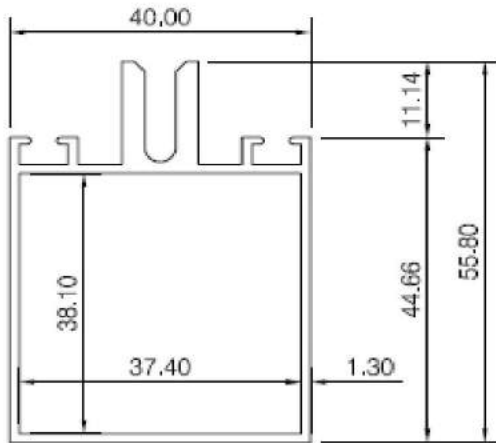
WF010

WT : 0.366 kg/m (S)
AP : 135.00mm



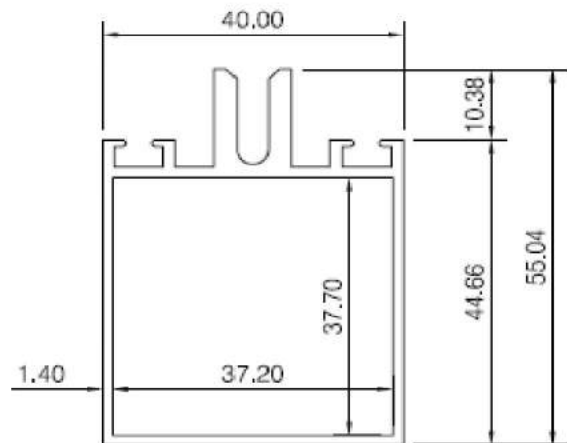
WF024

WT : 0.881 kg/m (H)
AP : 154.00mm



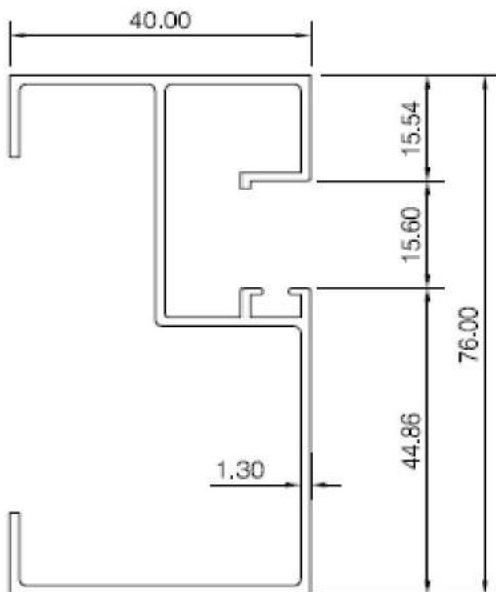
CW153

WT : 0.872 kg/m (H)
AP : 260.07mm



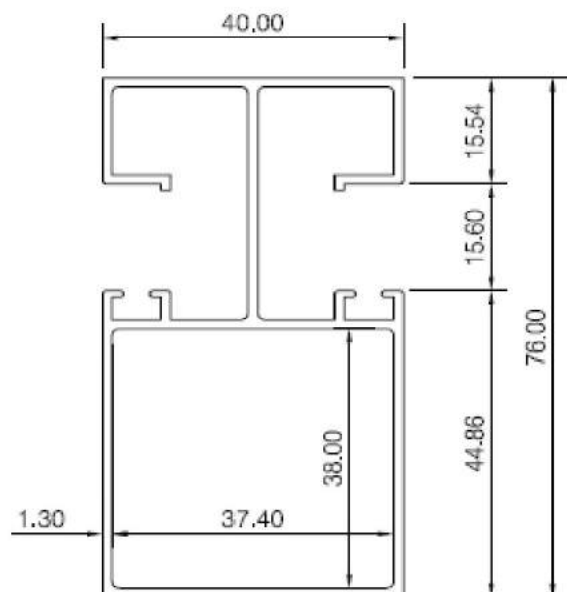
CW144

WT : 0.933 kg/m (H)
AP : 257.08mm



CW154

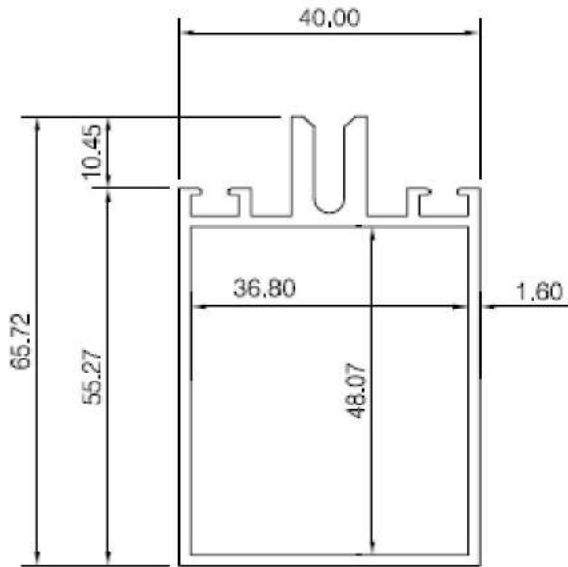
WT : 0.808 kg/m (S)
AP : 456.13mm



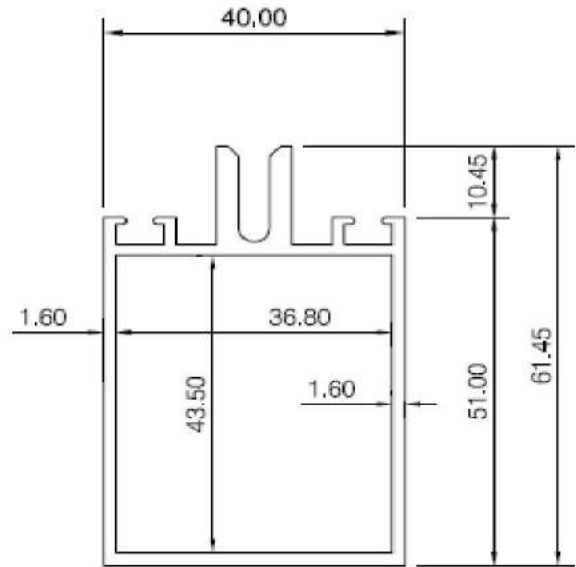
CW155

WT : 1.054 kg/m (H)
AP : 442.66mm

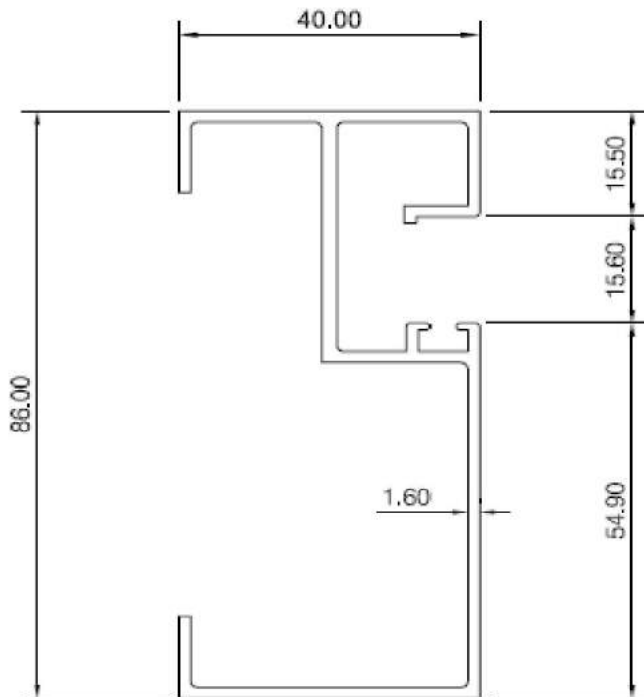
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| | CURTAIN WALL | REF : PMWALL40B.4/4. |
| | PMWALL 40B | DATE : SEPT 2014 |
| | | REPLACES : |



PMB2634
 WT : 1.085 kg/m (H)
 AP : 277.55mm



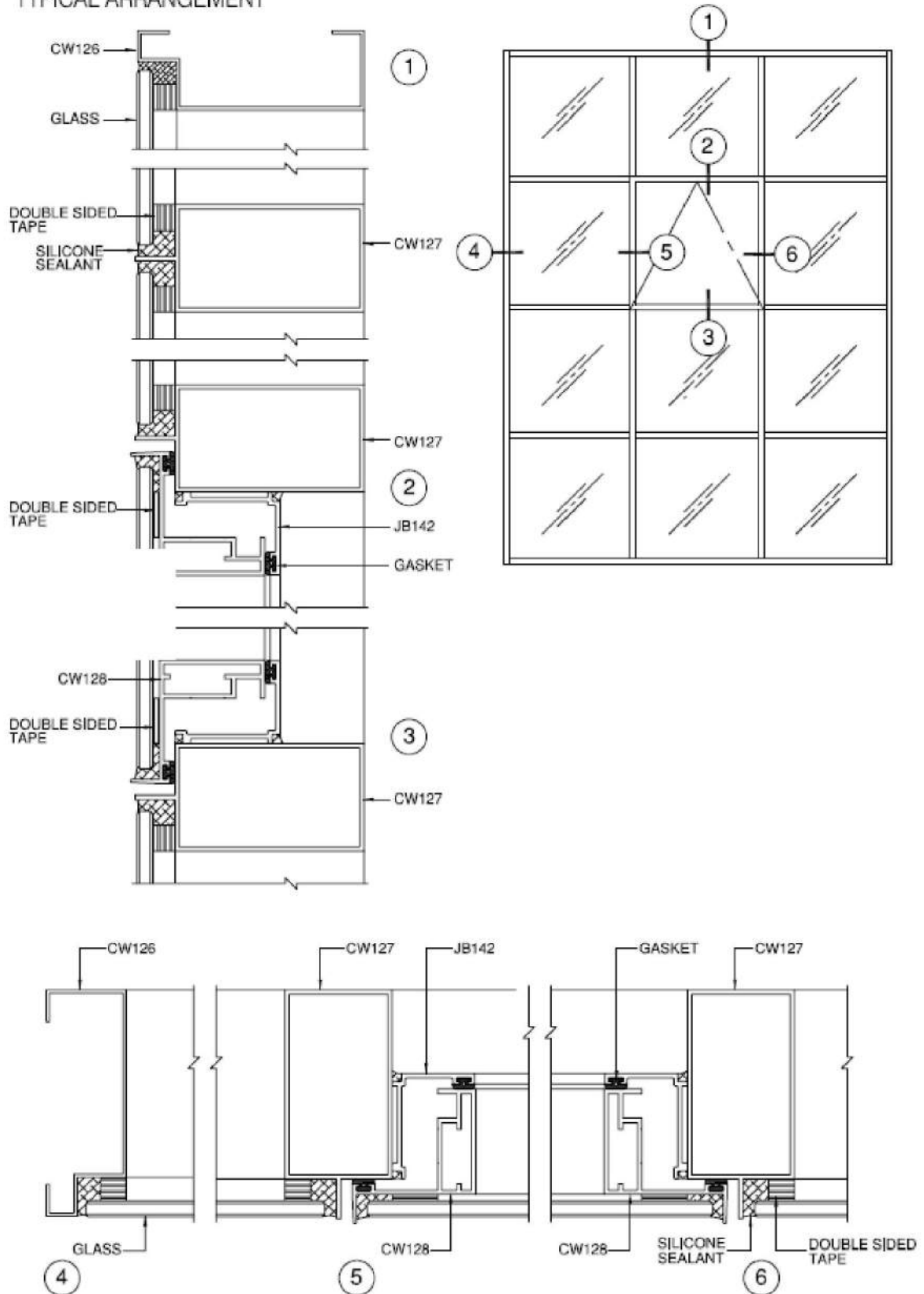
PMB2583
 WT : 1.078 kg/m (H)
 AP : 269.01mm



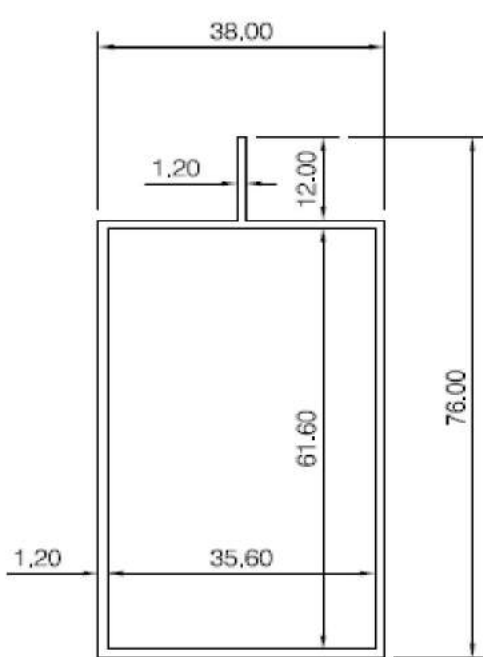
PMB2635
 WT : 1.066 kg/m (S)
 AP : 472.96mm

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|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL40C.1/4. |
| | PMWALL 40C | DATE : JAN 2015 |

CURTAIN WALL
TYPICAL ARRANGEMENT

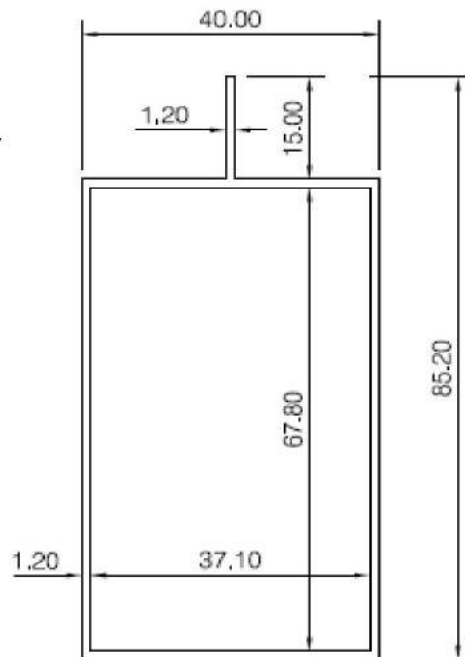


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| | CURTAIN WALL | REF : PMWALL40C.2/4. |
| | PMWALL 40C | DATE : JAN 2015 |



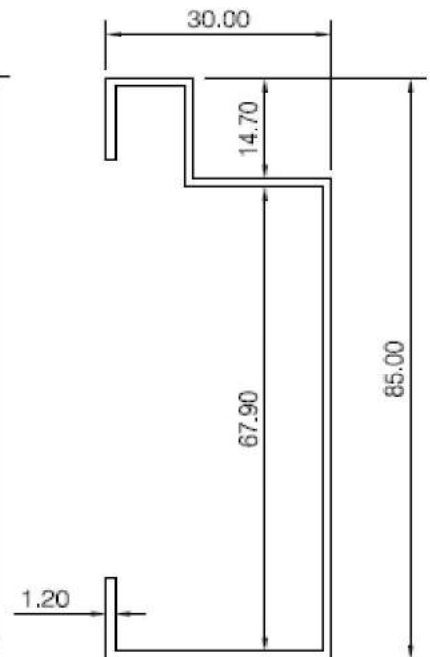
CW138

WT : 0.686 kg/m (H)
AP : 228.00mm



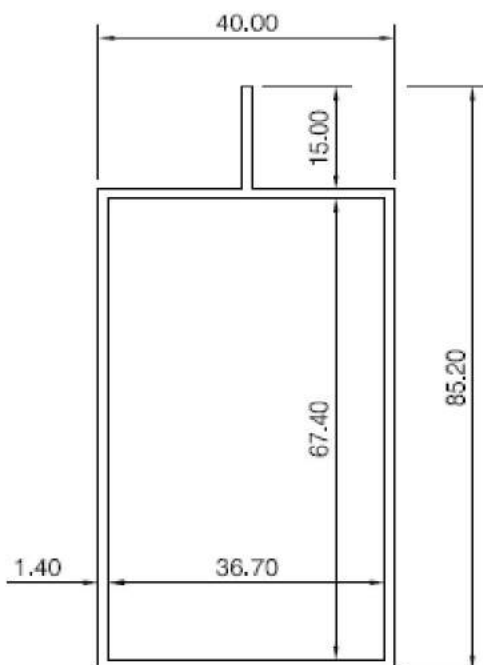
JB721

WT : 0.747 kg/m (H)
AP : 249.40mm



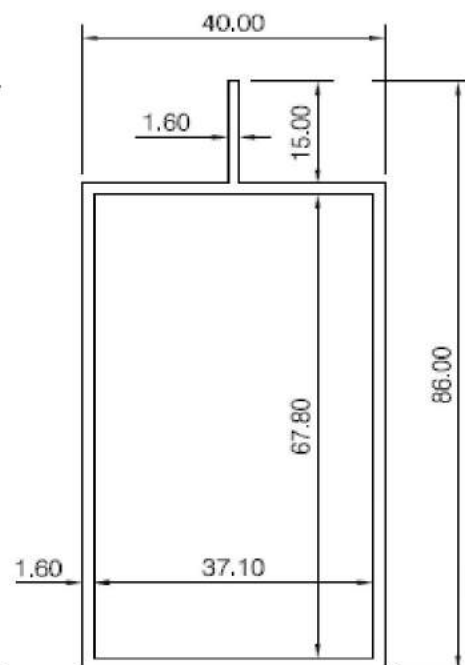
CW126

WT : 0.533 kg/m (S)
AP : 330.80mm



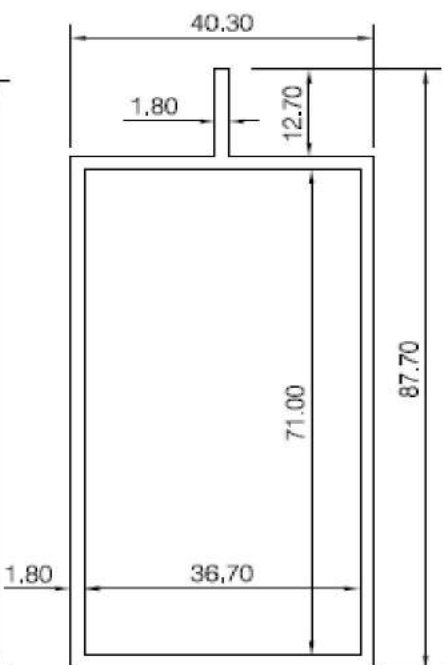
JB143

WT : 0.868 kg/m (H)
AP : 249.40mm



CW127

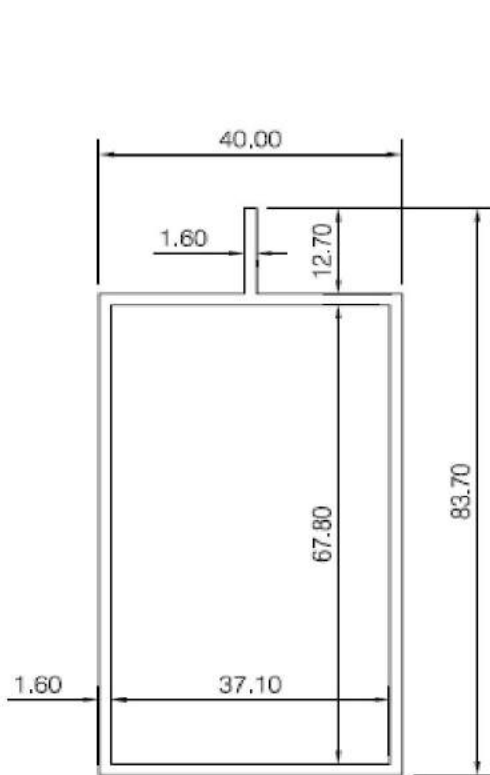
WT : 1.002 kg/m (H)
AP : 252.60mm



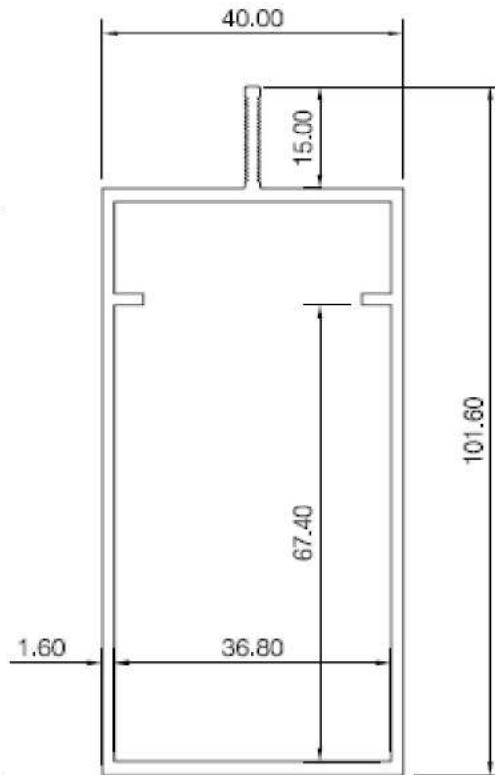
CW147

WT : 1.191 kg/m (H)
AP : 256.00mm

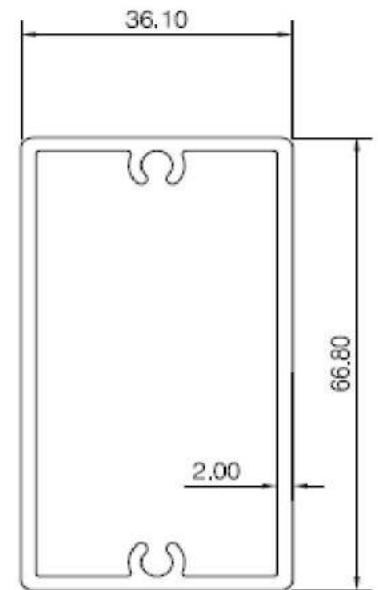
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|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL40C.3/4. |
| | PMWALL 40C | DATE : JAN 2015 |



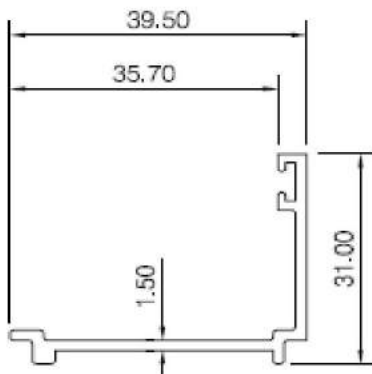
PM129
WT : 1,043 kg/m (H)
AP : 248.00mm



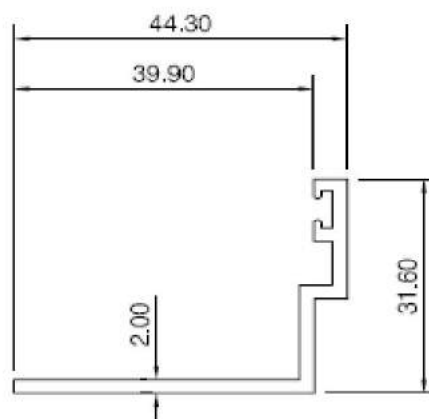
CW208
WT : 1,255 kg/m (H)
AP : 293.12mm



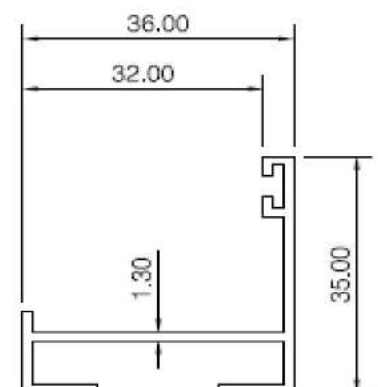
CW146
WT : 1,160 kg/m (H)
AP : 203.22mm



JB142
WT : 0,327 kg/m (S)
AP : 158.00mm

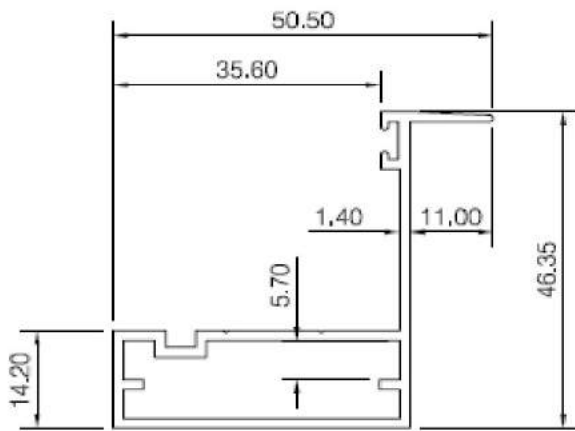


CW198
WT : 0,430 kg/m (S)
AP : 165.19mm



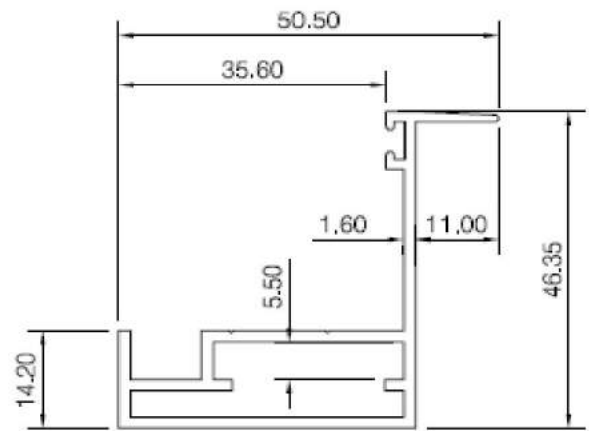
CW195
WT : 0,376 kg/m (S)
AP : 215.80mm

| | | |
|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL40C.4/4. |
| | PMWALL 40C | DATE : JAN 2015 |



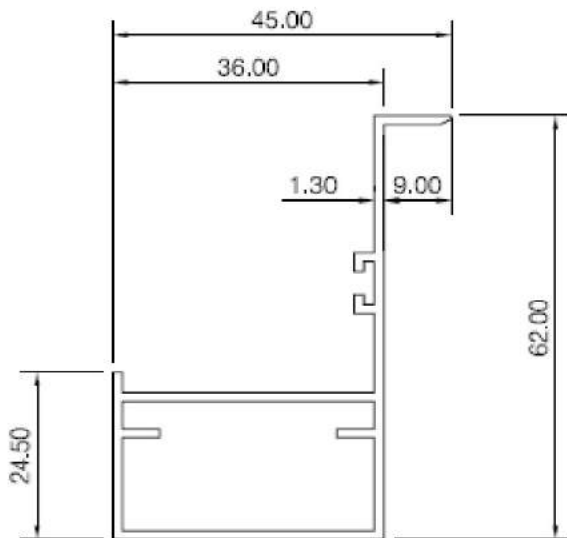
JB141

WT : 0.678 kg/m (H)
AP : 211.00mm



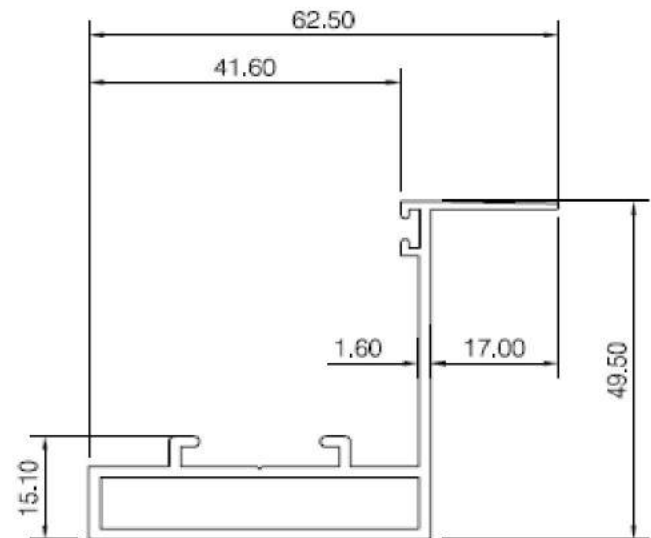
CW128

WT : 0.688 kg/m (H)
AP : 220.88mm



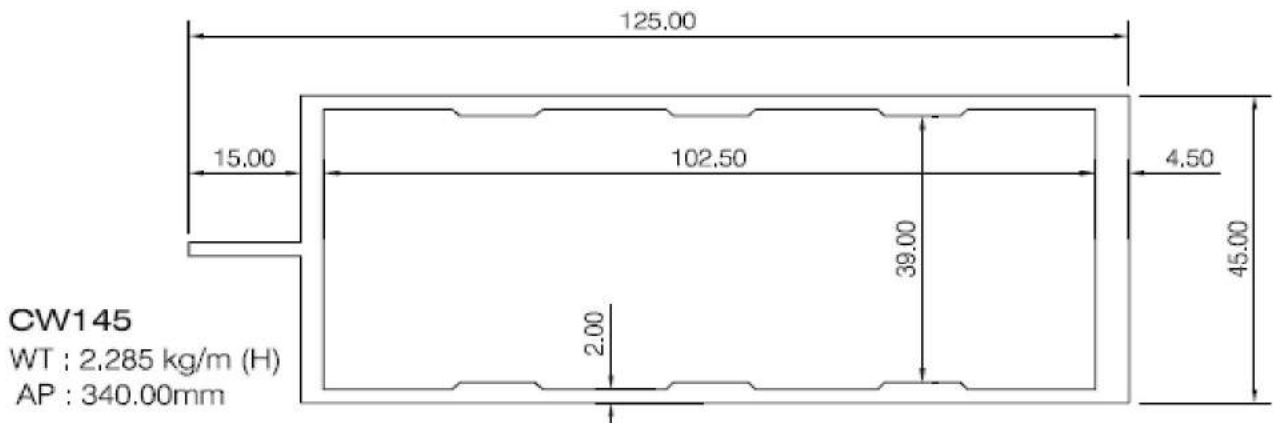
CW196

WT : 0.635 kg/m (H)
AP : 236.03mm



CW197

WT : 0.752 kg/m (H)
AP : 263.59mm

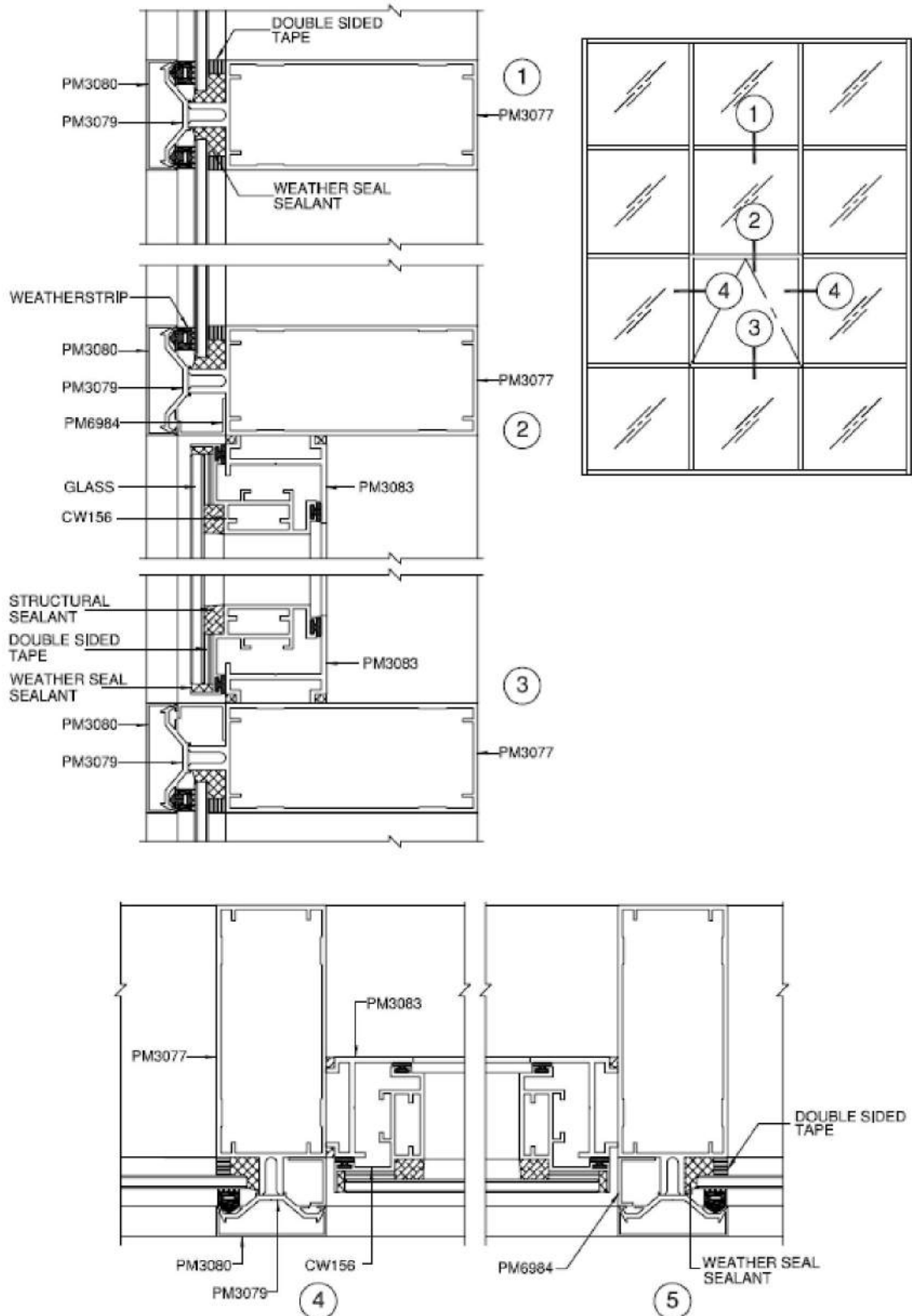


CW145

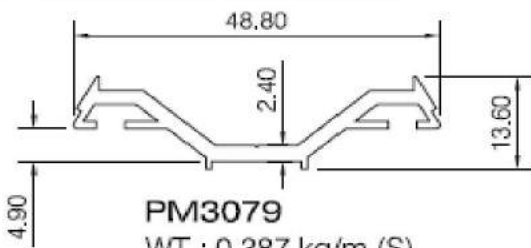
WT : 2.285 kg/m (H)
AP : 340.00mm

| | | |
|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL50A.1/4. |
| | PMWALL 50A | DATE : JAN 2015 |

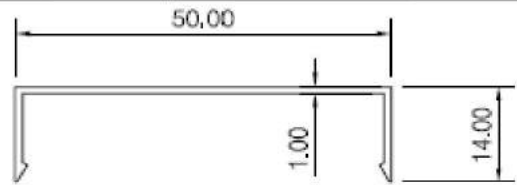
CURTAIN WALL
TYPICAL ARRANGEMENT



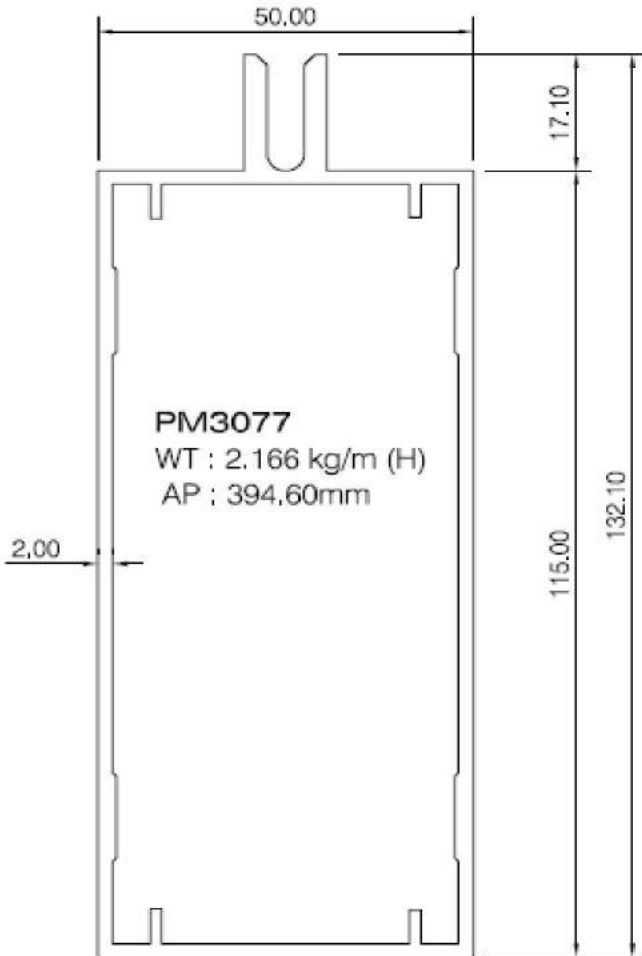
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|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL50A.2/4. |
| | PMWALL 50A | DATE : JAN 2015 |



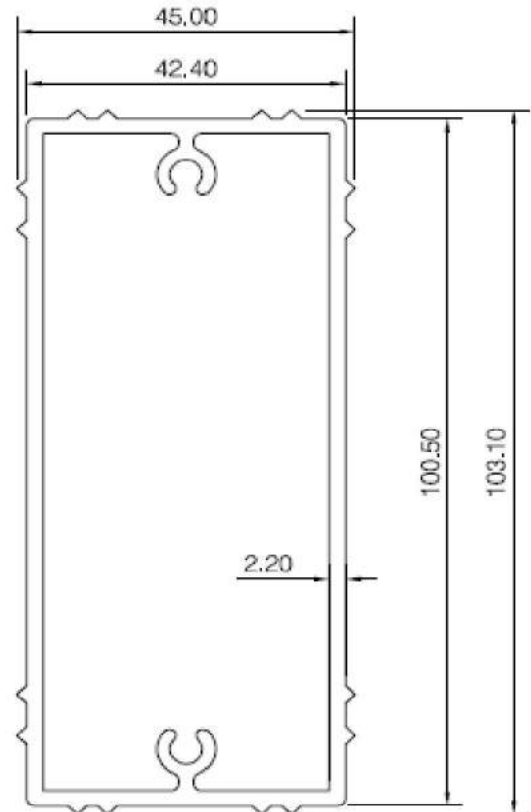
PM3079
WT : 0.387 kg/m (S)
AP : 162.00mm



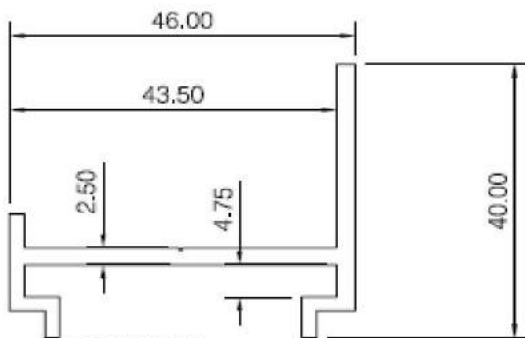
PM3080
WT : 0.205 kg/m (S)
AP : 153.90mm



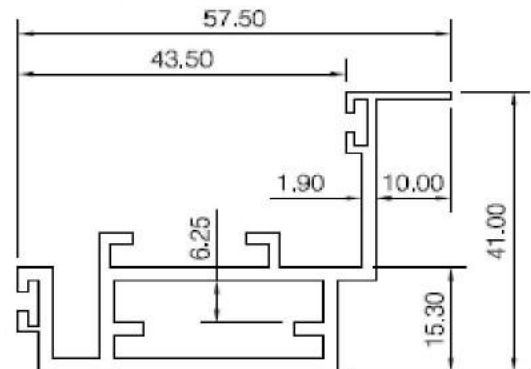
PM3077
WT : 2.166 kg/m (H)
AP : 394.60mm



PM3078
WT : 1.894 kg/m (H)
AP : 301.30mm

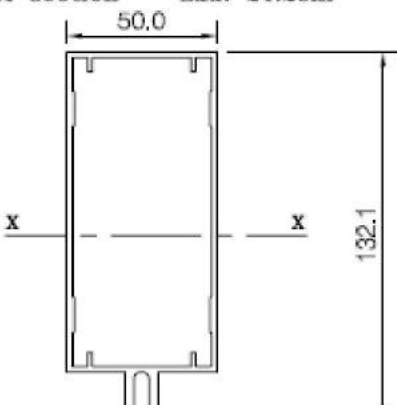
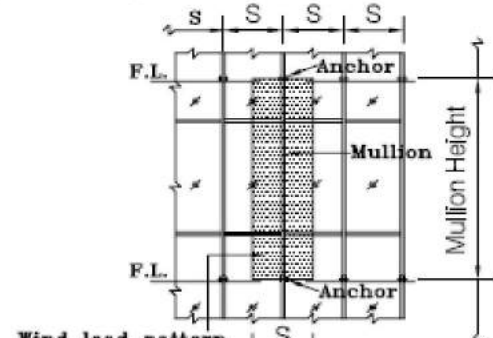


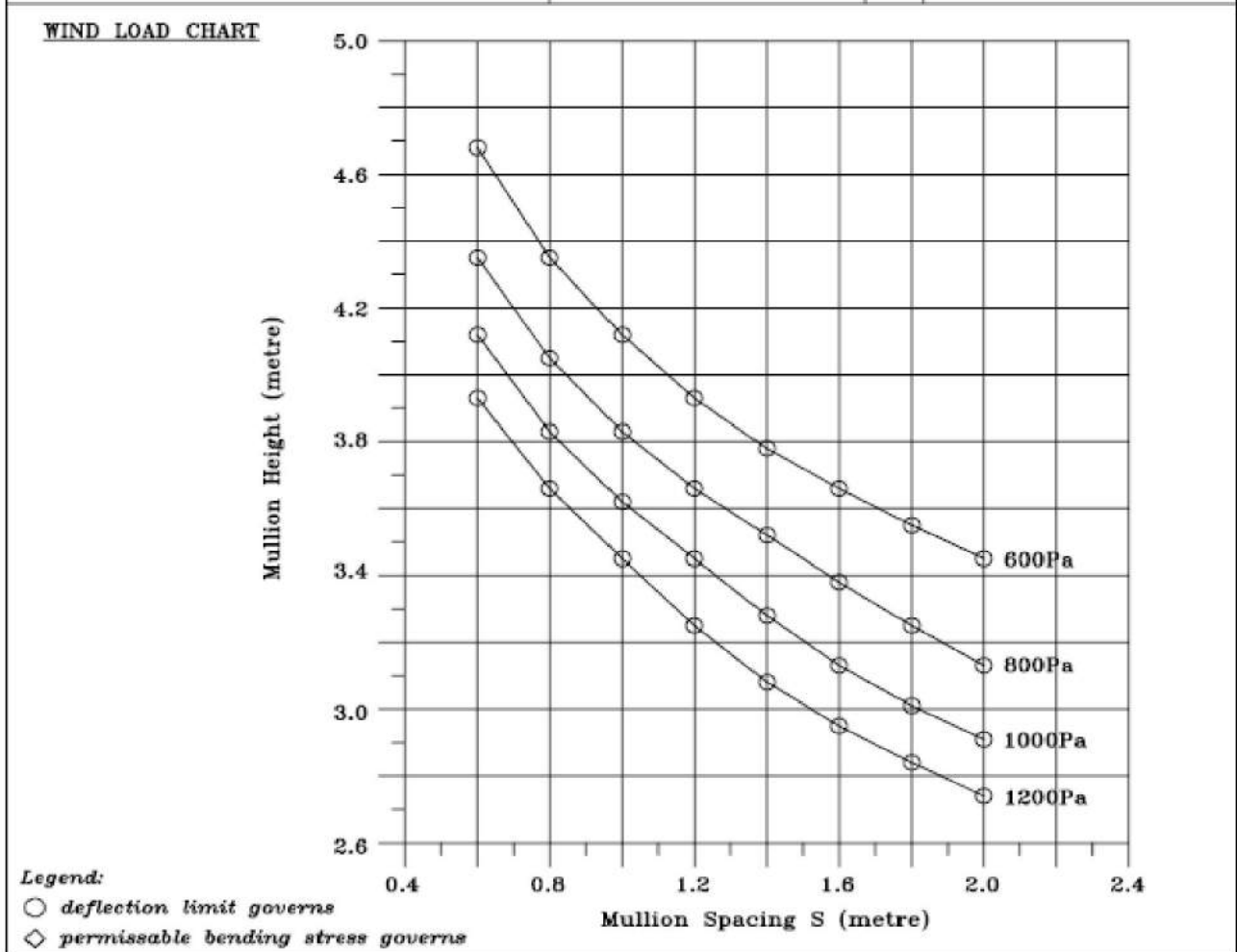
PM3083
WT : 0.695 kg/m (S)
AP : 222.58mm



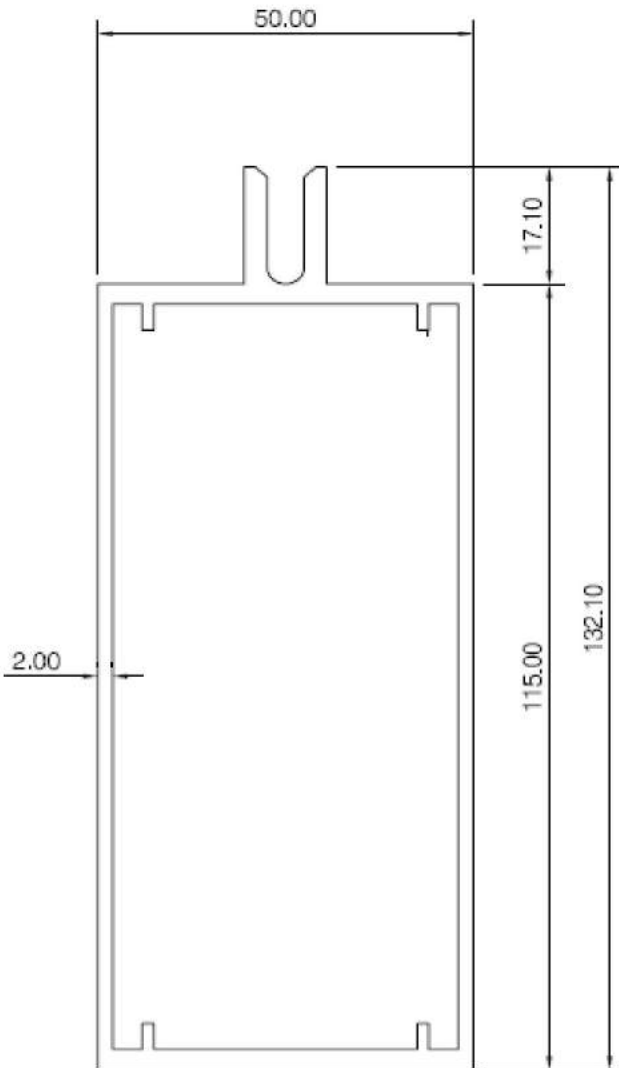
CW156
WT : 0.898 kg/m (H)
AP : 285.60mm

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| | CURTAIN WALL | REF : PMWALL50A.3/4. |
| | PMWALL 50A | DATE : JAN 2015 |

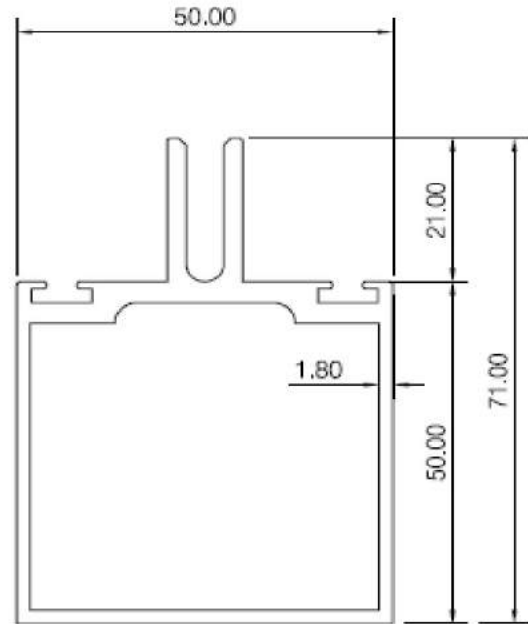
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| CURTAIN WALL | |
| <p>MULLION SECTION NO. : PM3077</p> <p>Alum. alloy : 6063-T5</p> <p>Moment of inertia I_{xx}: 160.3cm⁴</p> <p>Mod. of section Z_{xx}: 24.2cm³</p>  | <p>Mod. of elasticity : $70 \times 10^9 \text{ n/m}^2$</p> <p>Defln. limit : $S_{\text{span}}/175$, up to max. 20mm</p> <p>Perm. bend. stress : 1.25 x 67 Mpa (within slenderness limit)</p> <p>Nature of anchor : Simply supported</p> <p>Typical configuration of curtain wall:</p>  |



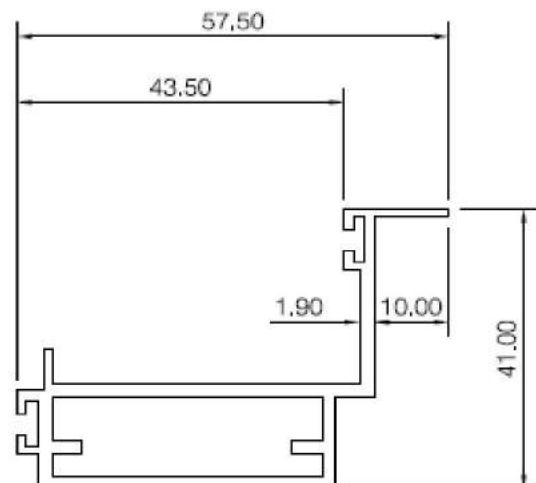
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|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL50A.4/4. |
| | PMWALL 50A | DATE : JAN 2015 |



PM4758
 WT : 2.336 kg/m (H)
 AP : 394.50mm



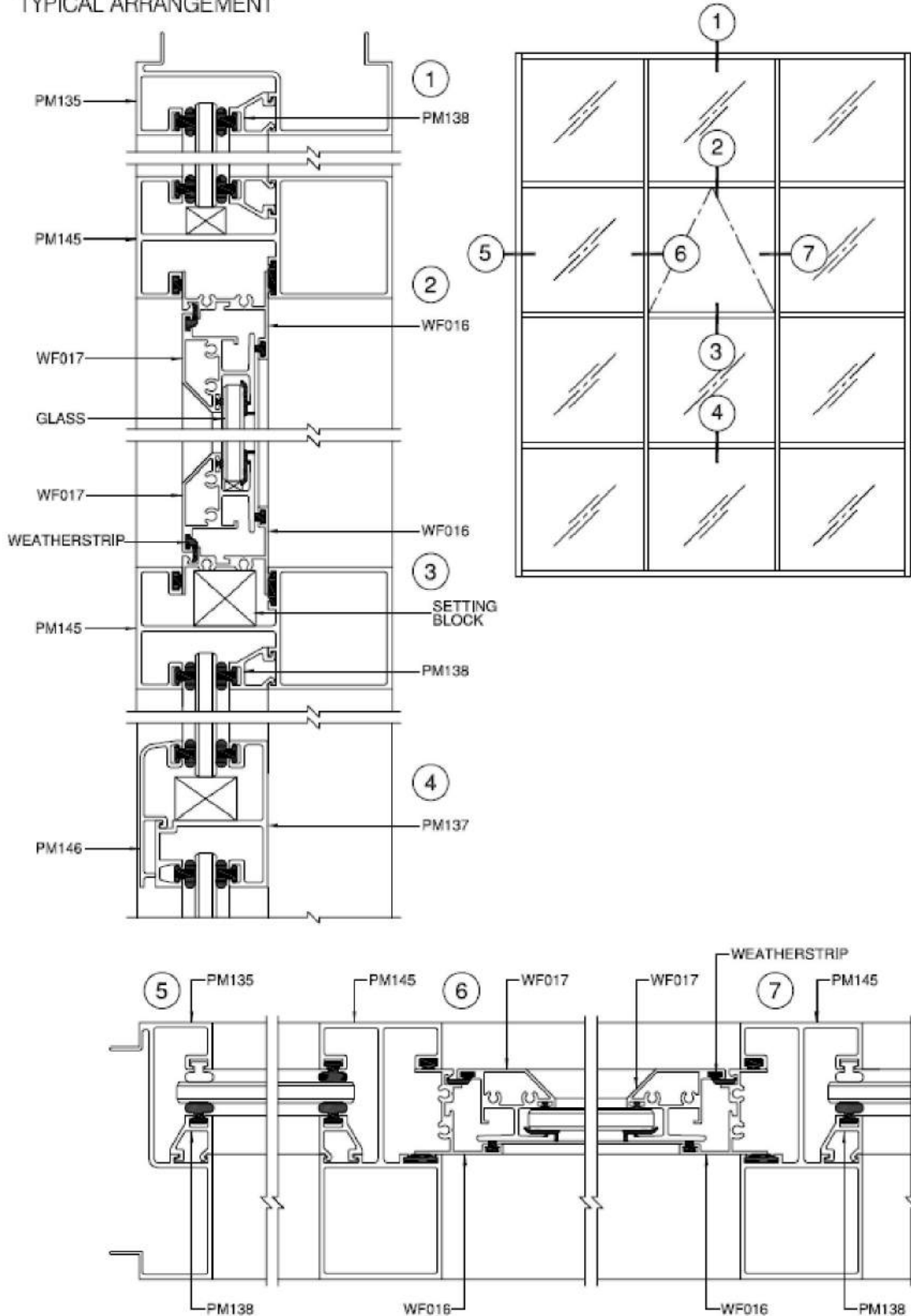
CW182
 WT : 1,488 kg/m (H)
 AP : 306.11mm



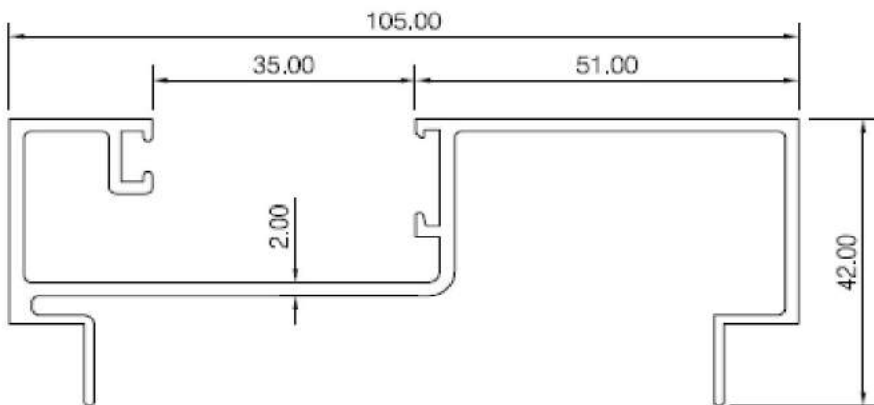
PM3082
 WT : 0.817 kg/m (H)
 AP : 236.73mm

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| | CURTAIN WALL | REF : PMWALL50B.1/3. |
| | PMWALL 50B | DATE : JAN 2015 |

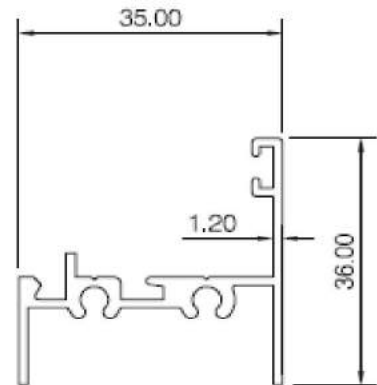
CURTAIN WALL
TYPICAL ARRANGEMENT



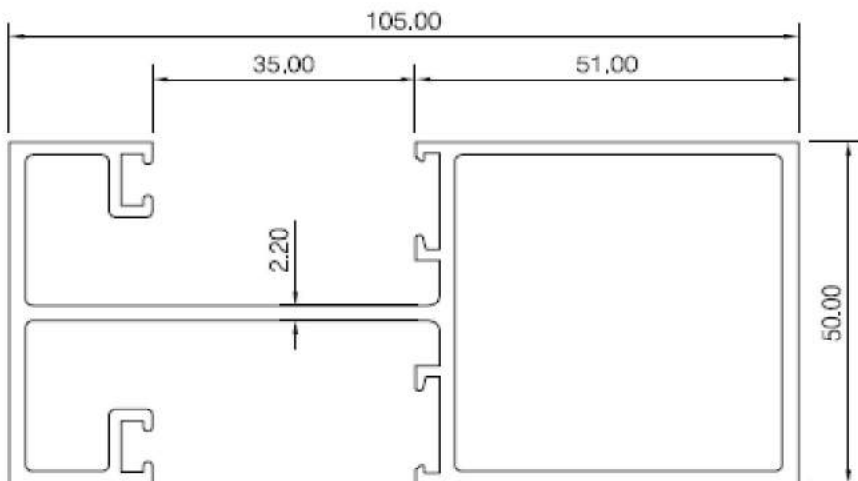
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|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL50B.2/3. |
| | PMWALL 50B | DATE : JAN 2015 |



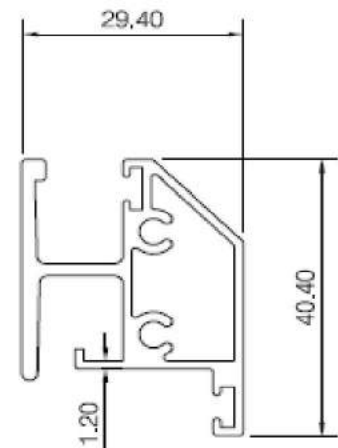
PM135
 WT : 1,369 kg/m (S)
 AP : 533.00mm



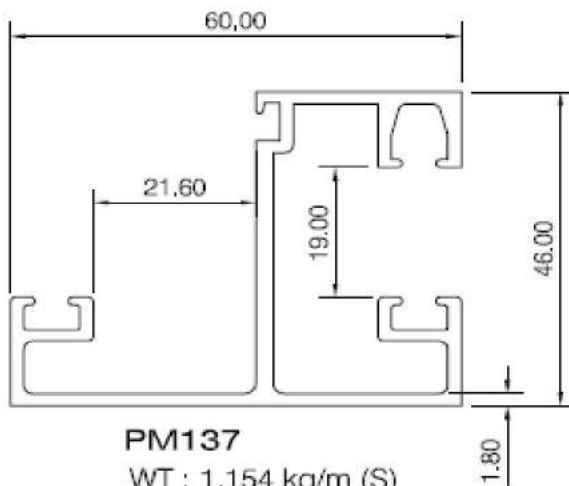
WF016
 WT : 0,453 kg/m (S)
 AP : 231.10mm



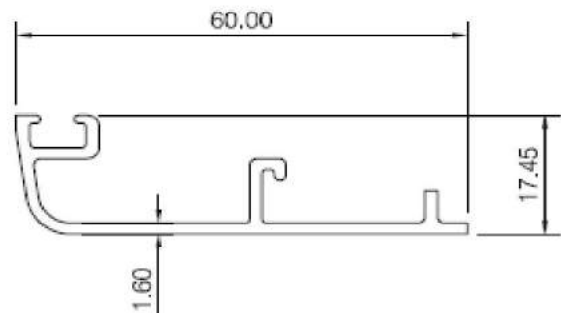
PM145
 WT : 2,115 kg/m (H)
 AP : 566.00mm



WF017
 WT : 0,724 kg/m (H)
 AP : 227.17mm

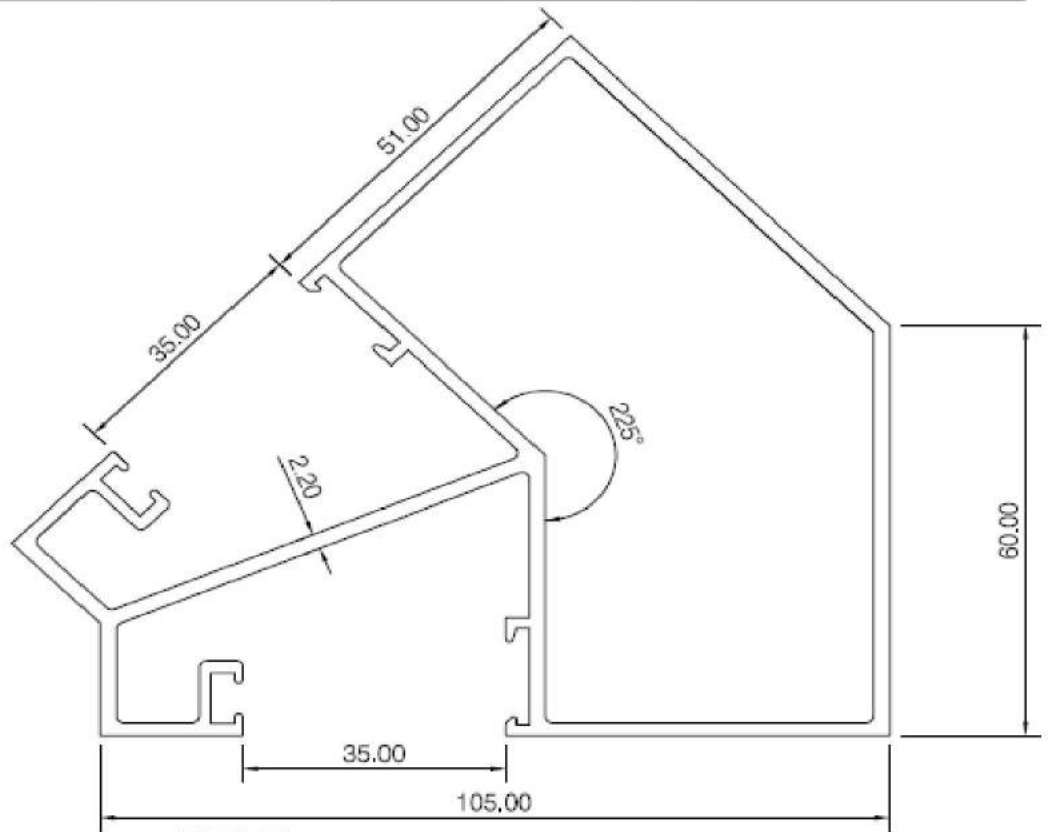


PM137
 WT : 1,154 kg/m (S)
 AP : 425,00mm



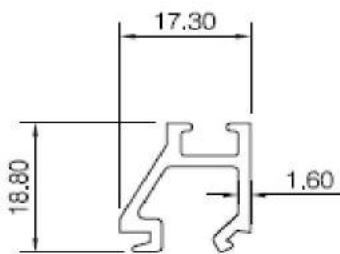
PM146
 WT : 0,489 kg/m (S)
 AP : 193,00mm

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| | CURTAIN WALL | REF : PMWALL50B.3/3. |
| | PMWALL 50B | DATE : JAN 2015 |



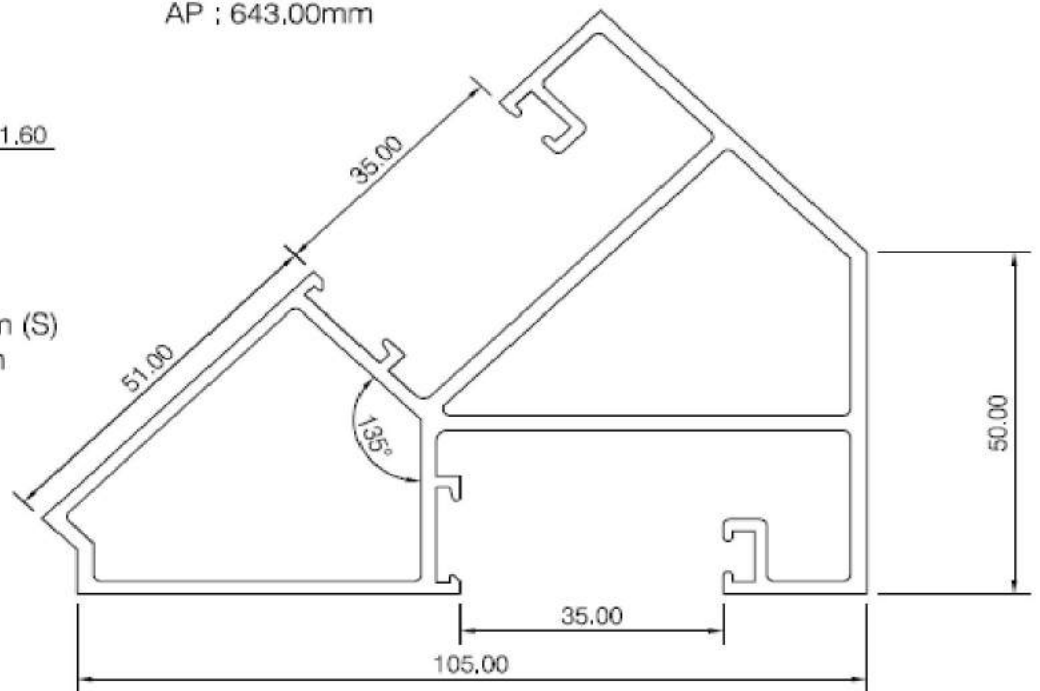
PM139

WT : 2.526 kg/m (H)
AP : 643.00mm



PM138

WT : 0.264 kg/m (S)
AP : 117.00mm

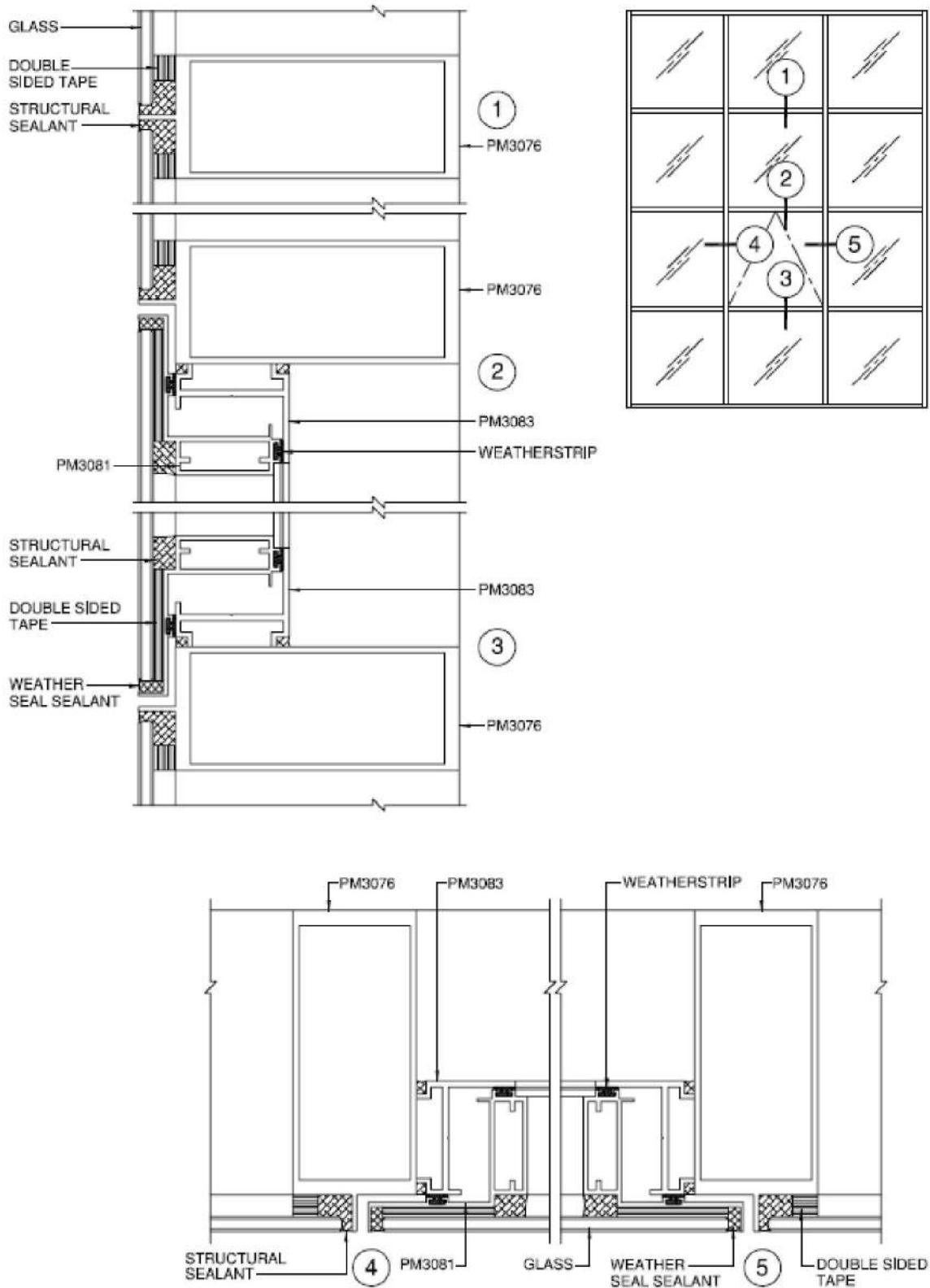


PM162

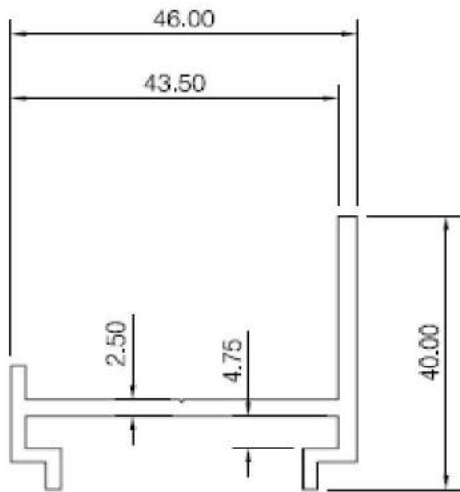
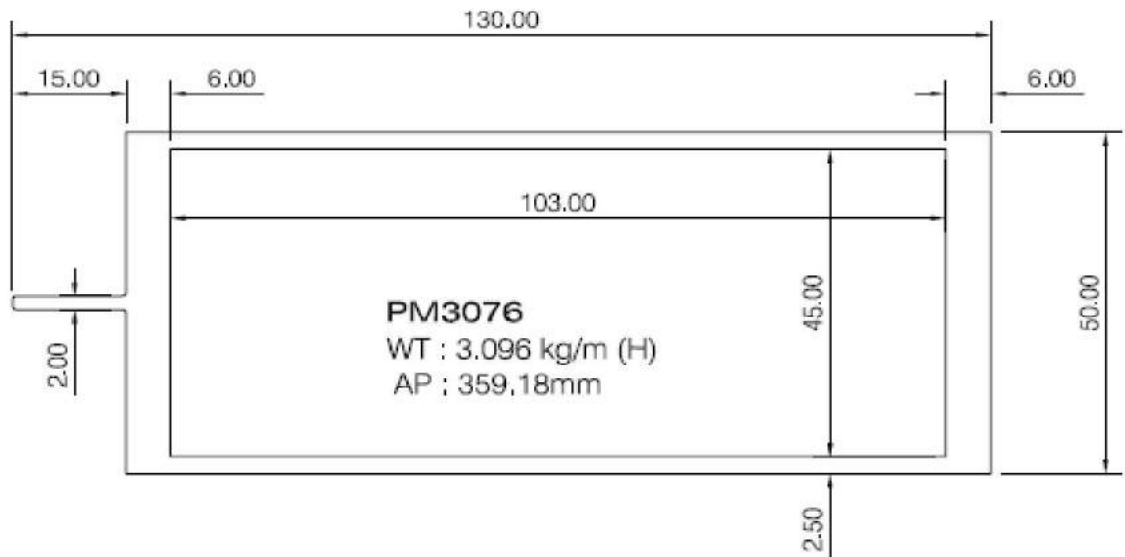
WT : 2.434 kg/m (H)
AP : 579.00mm

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| | CURTAIN WALL | REF : PMWALL50C.1/6. |
| | PMWALL 50C | DATE : JAN 2015 |

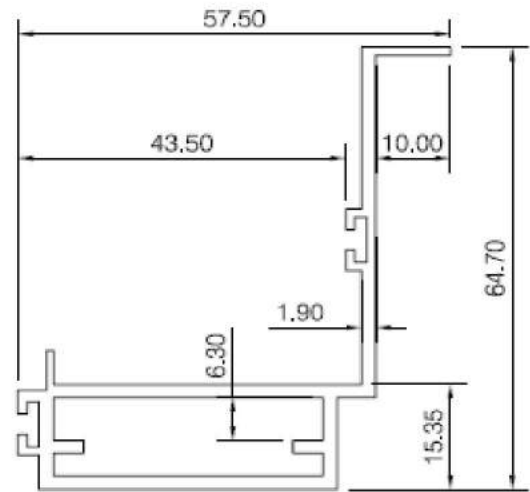
CURTAIN WALL
TYPICAL ARRANGEMENT



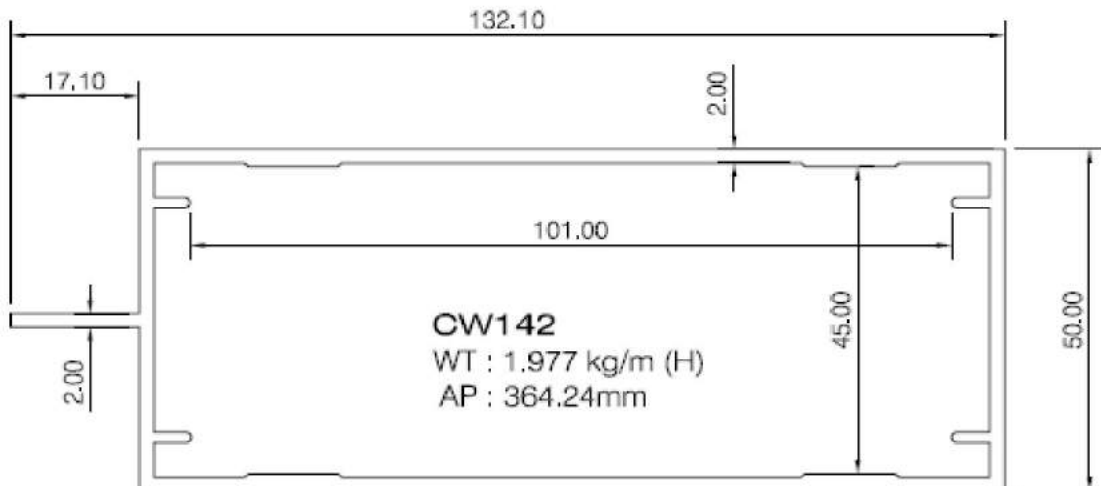
| | | |
|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL50C.2/6. |
| | PMWALL 50C | DATE : JAN 2015 |



PM3083
WT : 0.695 kg/m (S)
AP : 222.58m



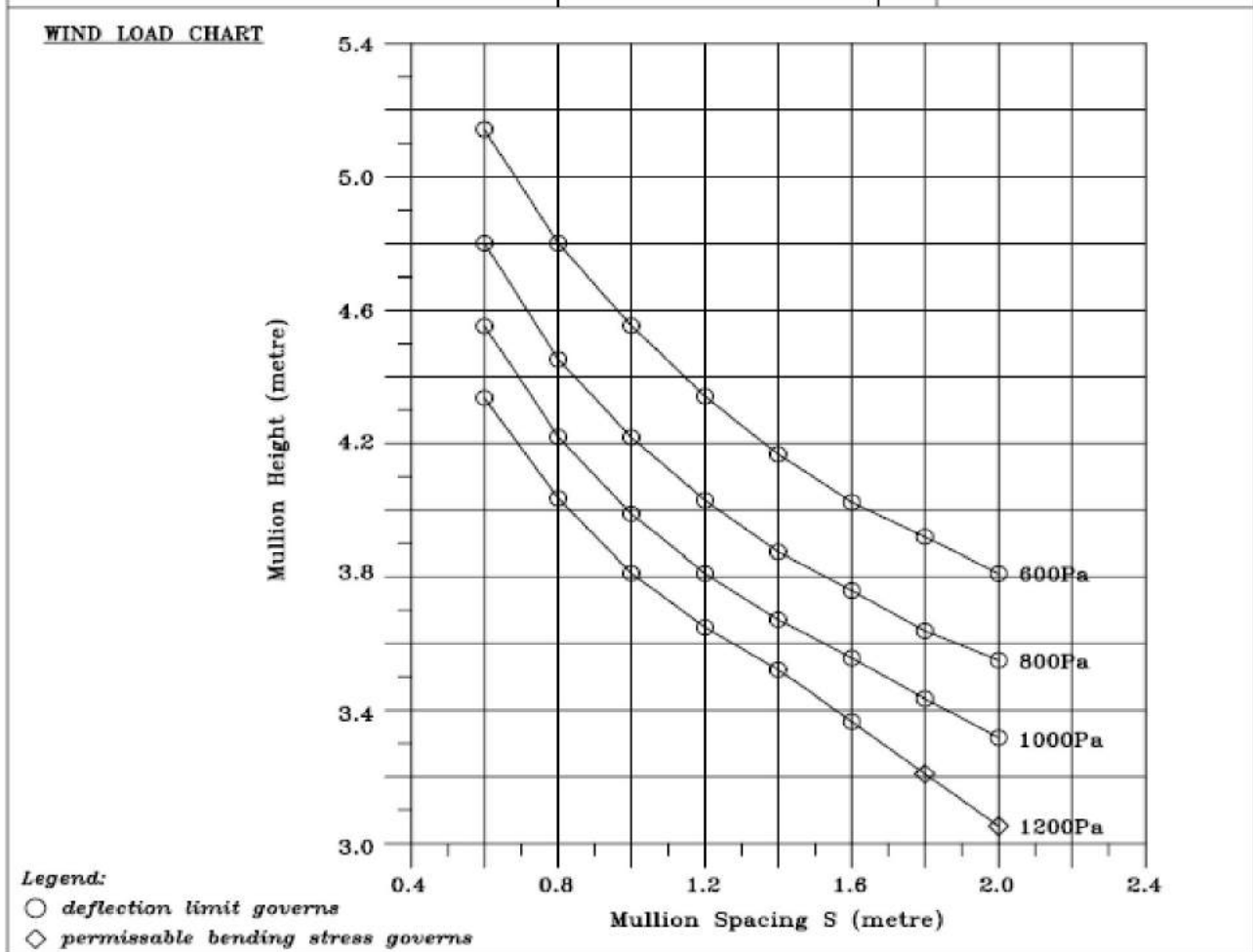
PM3081
WT : 0.939 kg/m (H)
AP : 284.13mm



CW142
WT : 1.977 kg/m (H)
AP : 364.24mm

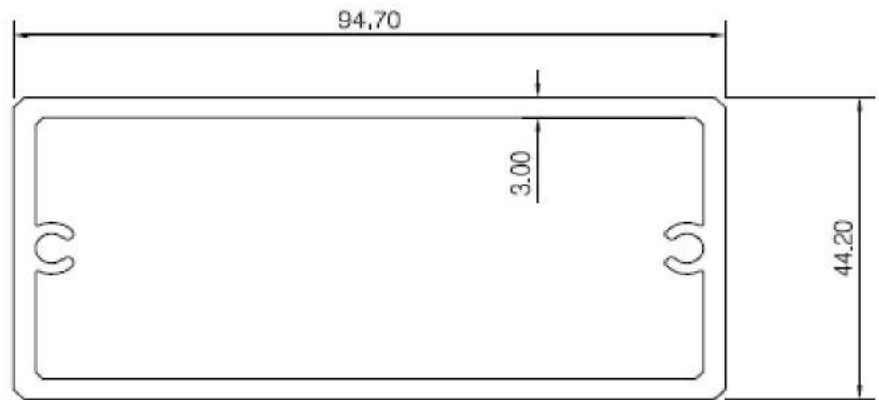
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| | CURTAIN WALL | REF : PMWALL50C.3/6. |
| | PMWALL 50C | DATE : JAN 2015 |

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|--|---|
| CURTAIN WALL | |
| <p>MULLION SECTION NO. : PM3076</p> <p>Alum. alloy : 6063-T5</p> <p>Moment of inertia I_{xx}: 236.3cm⁴</p> <p>Mod. of section Z_{xx}: 33.4cm³</p> | <p>Mod. of elasticity : 70×10^9 n/m²</p> <p>Defln. limit : $S_{span}/175$, up to max. 20mm</p> <p>Perm. bend. stress : 1.25 x 67 Mpa (within slenderness limit)</p> <p>Nature of anchor : Simply supported</p> <p>Typical configuration of curtain wall:</p> |
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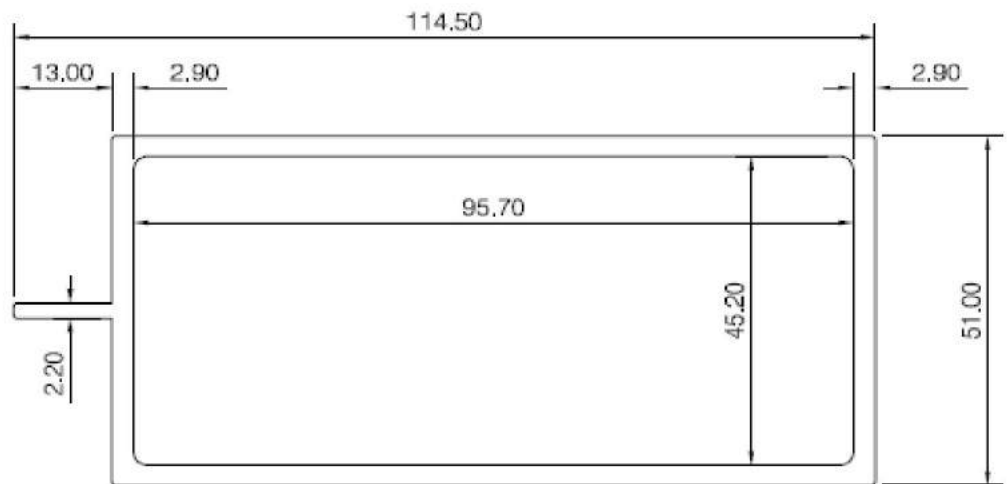


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|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL50C.4/6. |
| | PMWALL 50C | DATE : JAN 2015 |

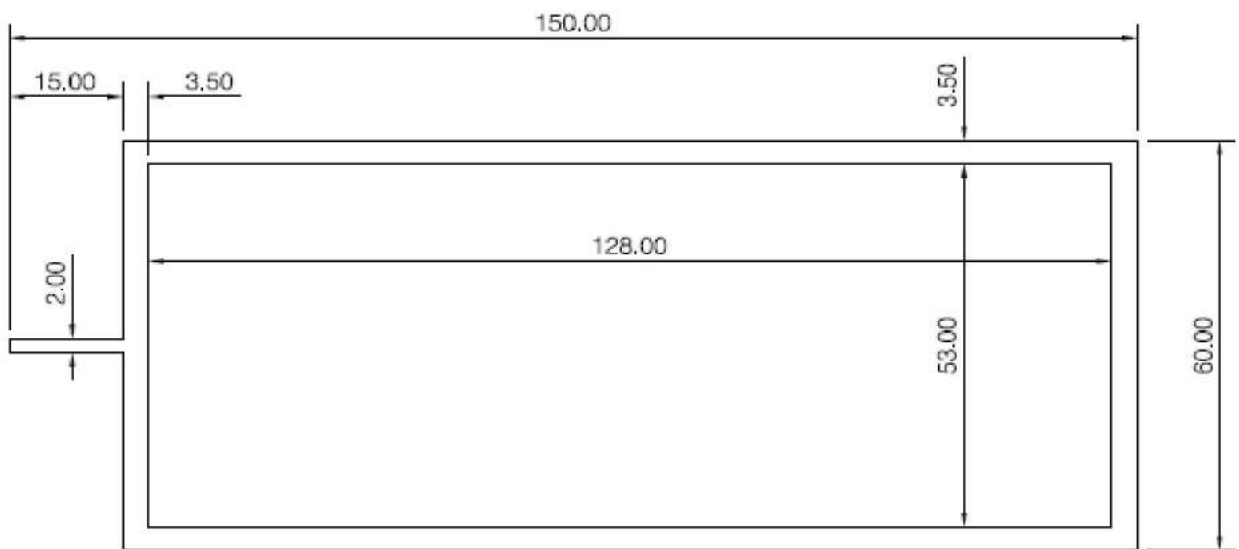
CW131
 WT : 2.260 kg/m (H)
 AP : 275.69mm



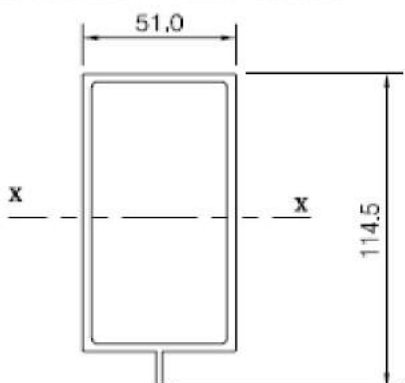
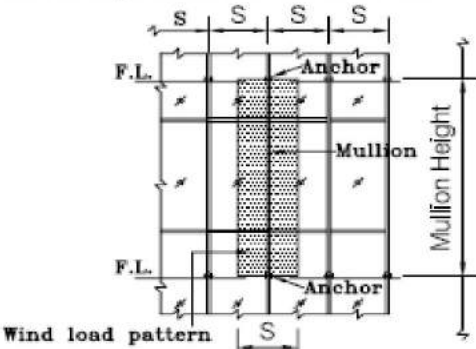
CW132
 WT : 2.391 kg/m (H)
 AP : 329.71mm

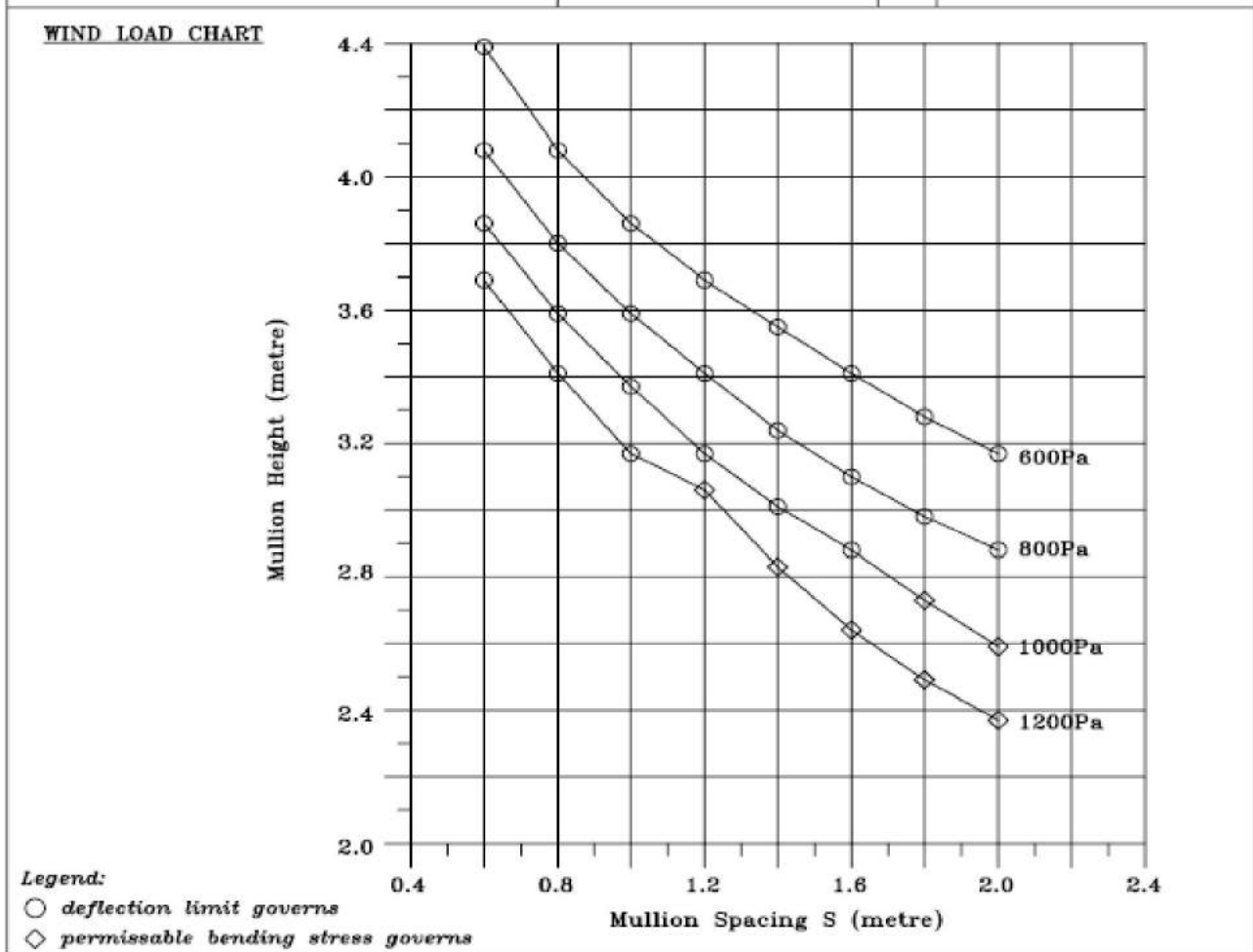


CW125
 WT : 3.648 kg/m (H)
 AP : 420.00mm

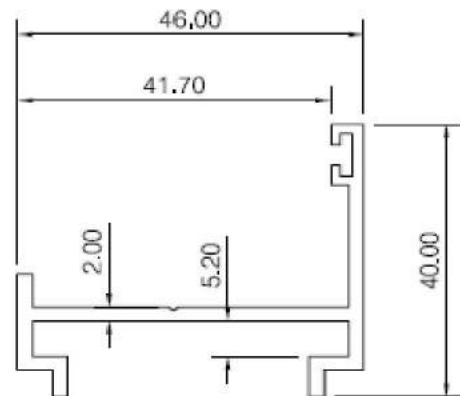
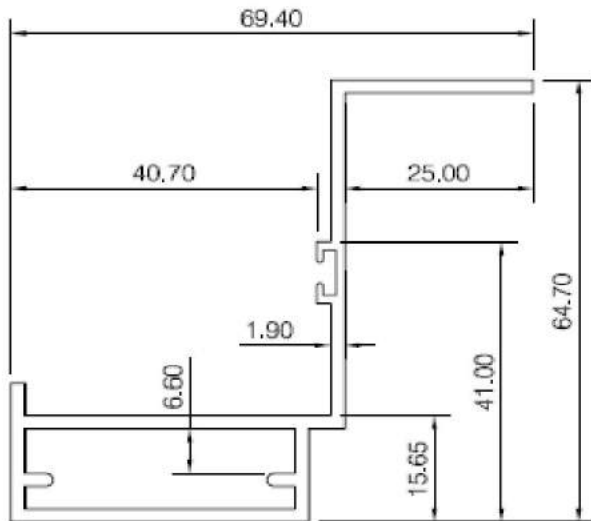
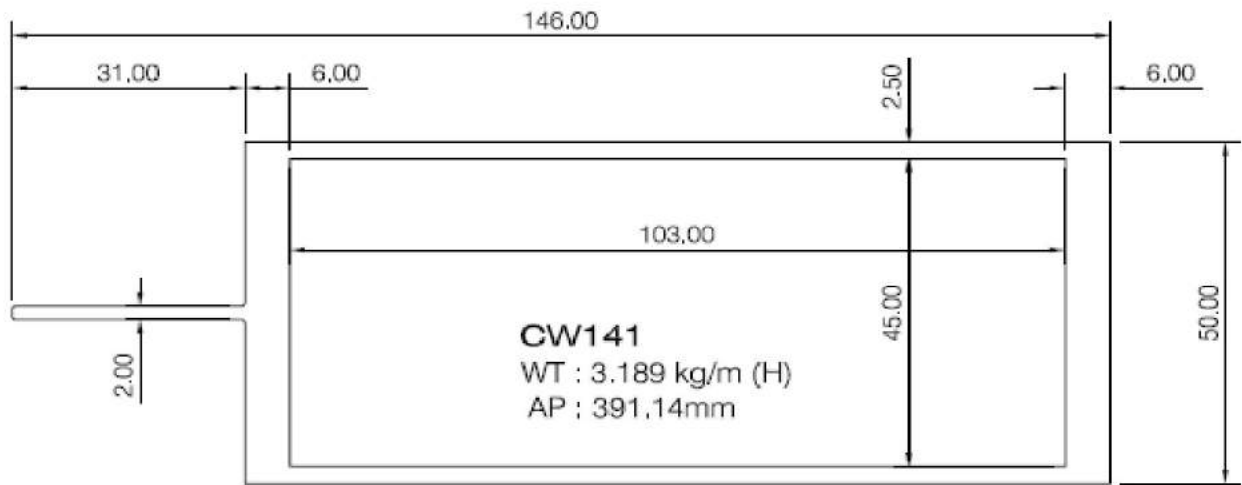


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| | CURTAIN WALL | REF : PMWALL50C.5/6. |
| | PMWALL 50C | DATE : JAN 2015 |

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| CURTAIN WALL | |
| <p>MULLION SECTION NO. : CW132</p> <p>Alum. alloy : 6063-T5</p> <p>Moment of inertia I_{xx}: 124.1cm⁴</p> <p>Mod. of section Z_{xx}: 20.0cm³</p>  | <p>Mod. of elasticity : 70×10^9 n/m²</p> <p>Defln. limit : $S_{span}/175$, up to max. 20mm</p> <p>Perm. bend. stress : 1.25 x 67 Mpa (within slenderness limit)</p> <p>Nature of anchor : Simply supported</p> <p>Typical configuration of curtain wall:</p>  |

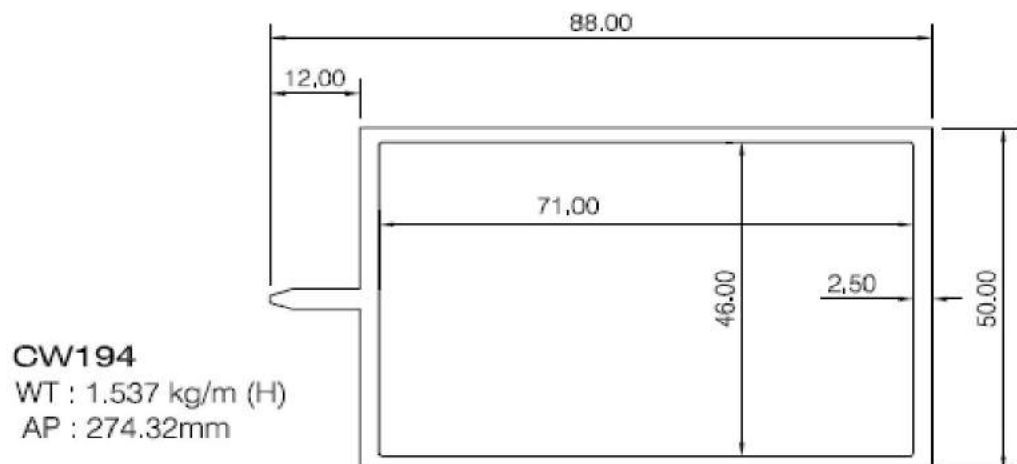


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|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL50C.6/6. |
| | PMWALL 50C | DATE : JAN 2015 |



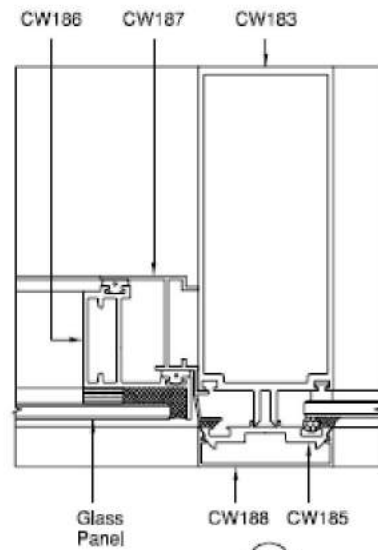
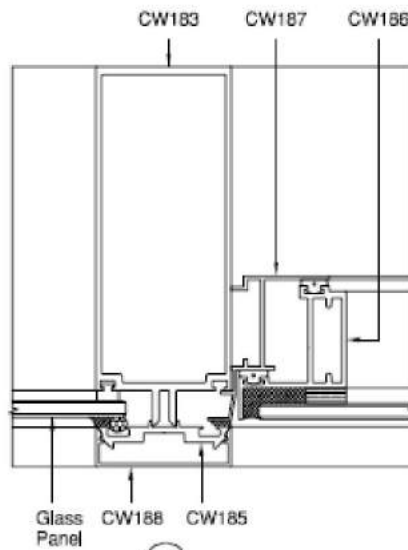
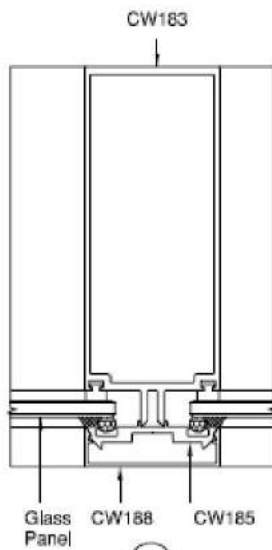
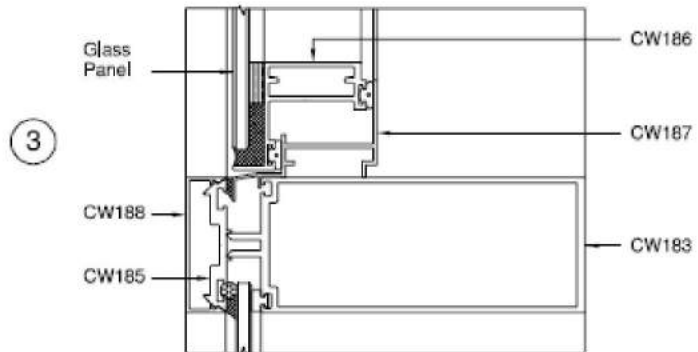
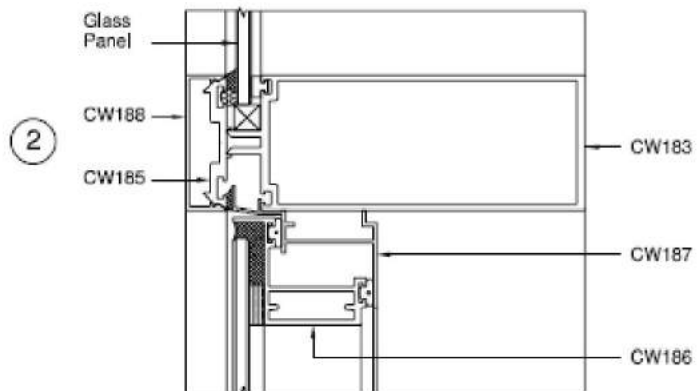
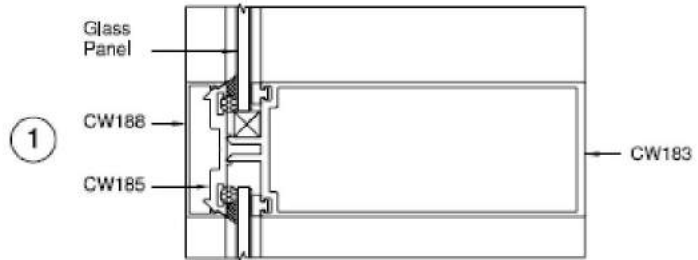
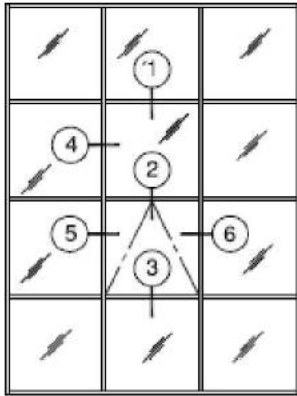
CW139
 WT : 1.003 kg/m (H)
 AP : 292.42mm

CW140
 WT : 0.614 kg/m (S)
 AP : 241,21mm

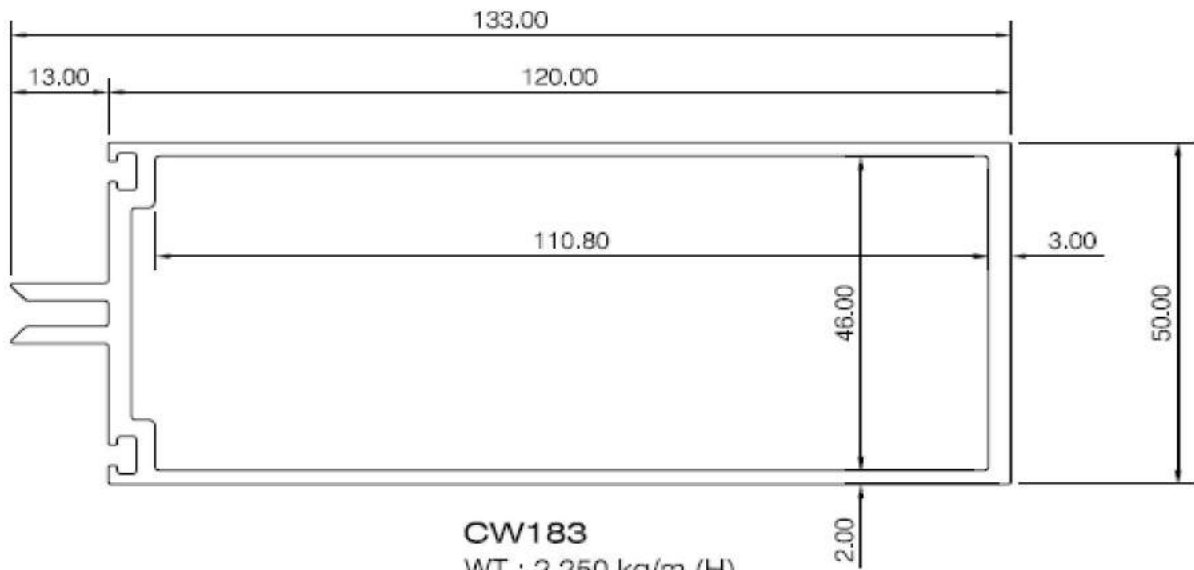


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| | CURTAIN WALL | REF : PMWALL50D.1/2. |
| | PMWALL 50D | DATE : JAN 2015 |

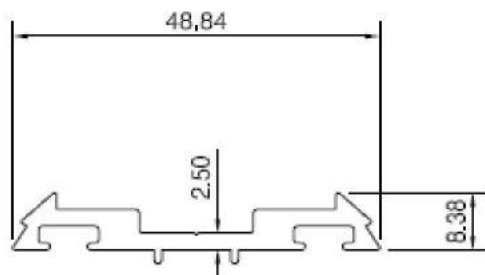
CURTAIN WALL
TYPICAL ARRANGEMENT



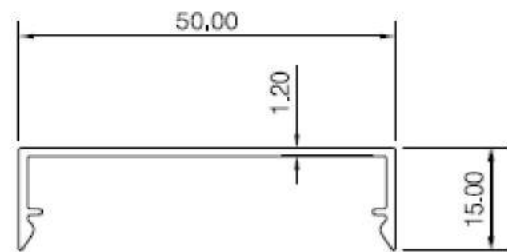
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| | CURTAIN WALL | REF : PMWALL50D.2/2. |
| | PMWALL 50D | DATE : JAN 2015 |



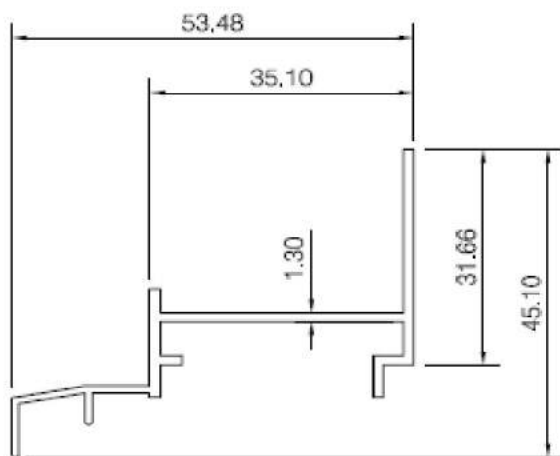
CW183
 WT : 2.250 kg/m (H)
 AP : 409.96mm



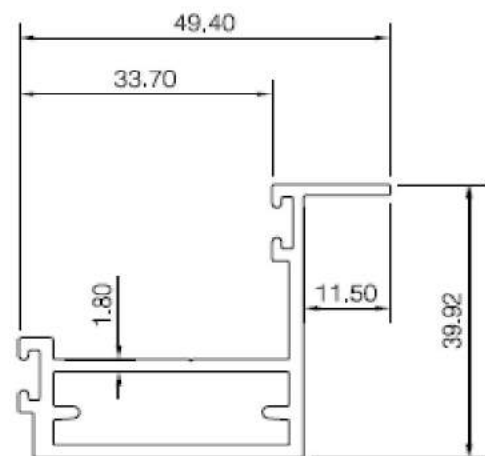
CW185
 WT : 0.505 kg/m (S)
 AP : 149.34mm



CW188
 WT : 0.266 kg/m (S)
 AP : 162.55mm

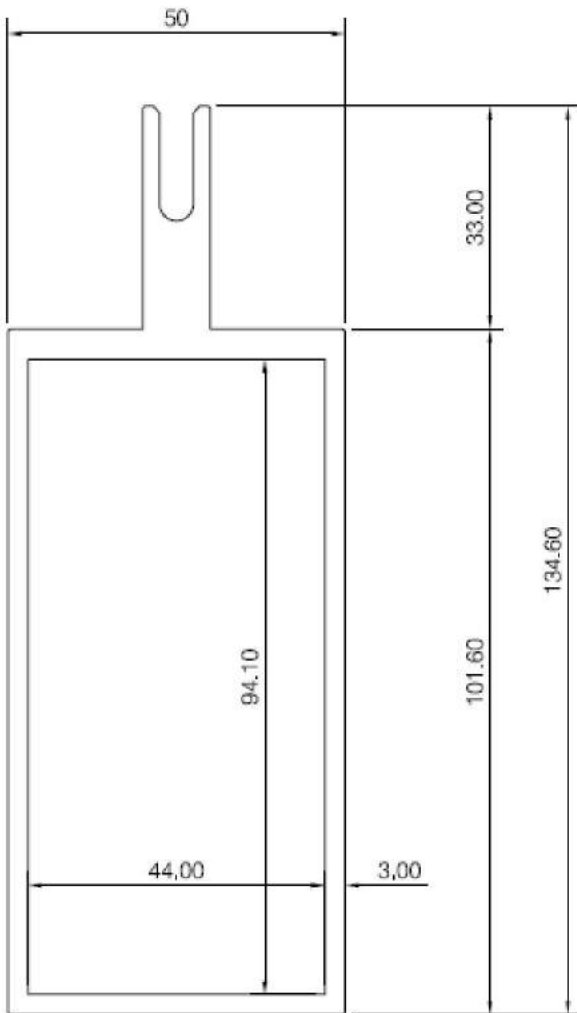


CW187
 WT : 0.412 kg/m (S)
 AP : 246.63mm

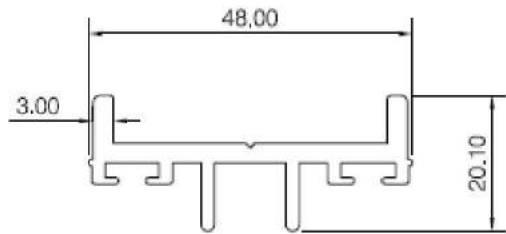


CW186
 WT : 0.755 kg/m (H)
 AP : 208.08mm

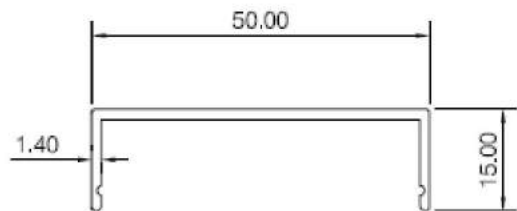
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|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL50E.1/1. |
| | PMWALL 50E | DATE : JAN 2015 |



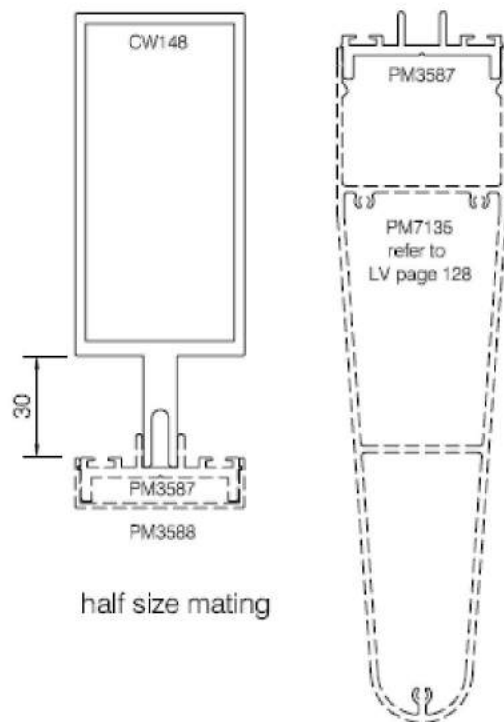
CW148
 WT : 3,214 kg/m (H)
 AP : 398.59mm



PM3587
 WT : 0,685 kg/m (S)
 AP : 204.54mm

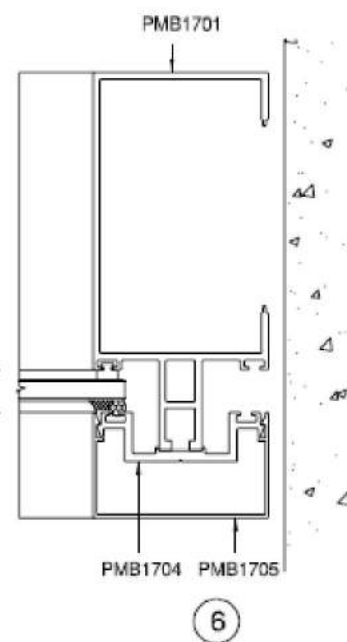
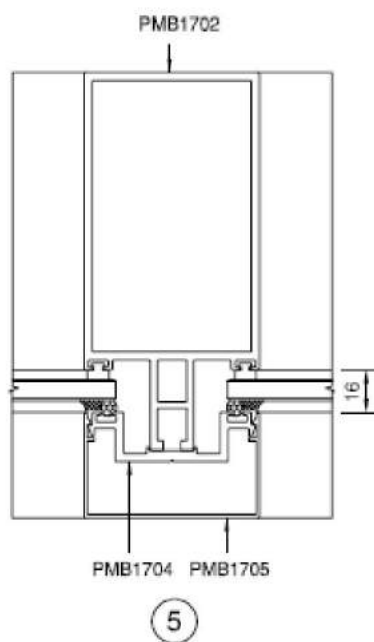
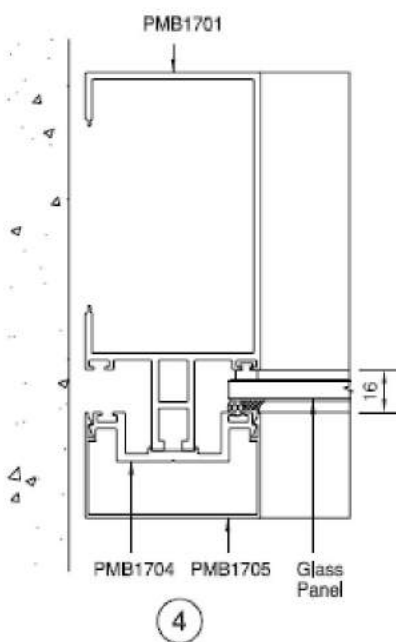
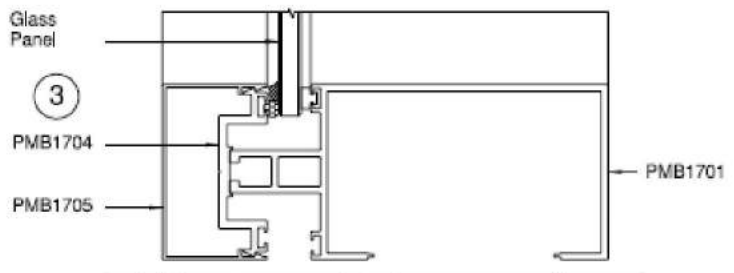
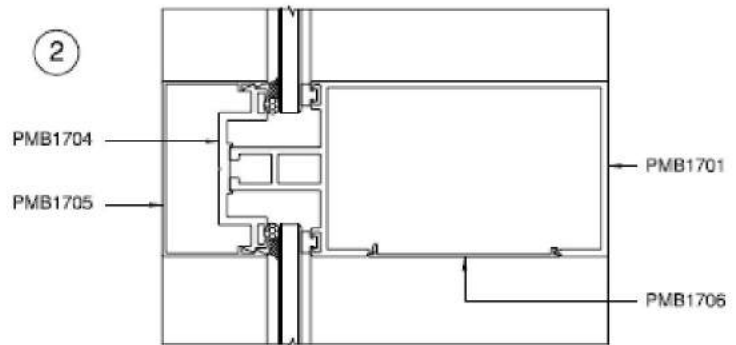
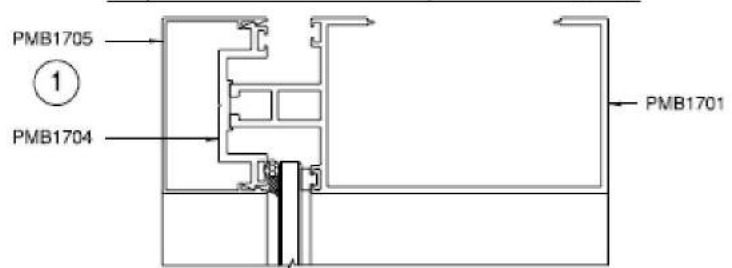
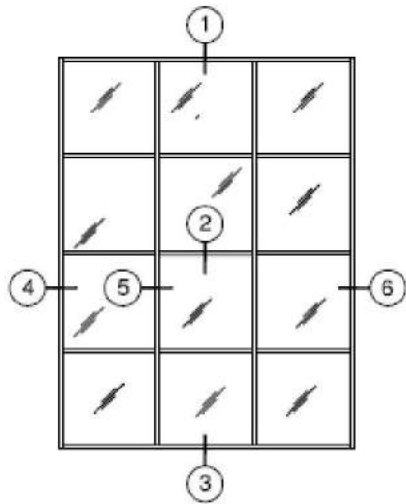


PM3588
 WT : 0,312 kg/m (S)
 AP : 156.85mm



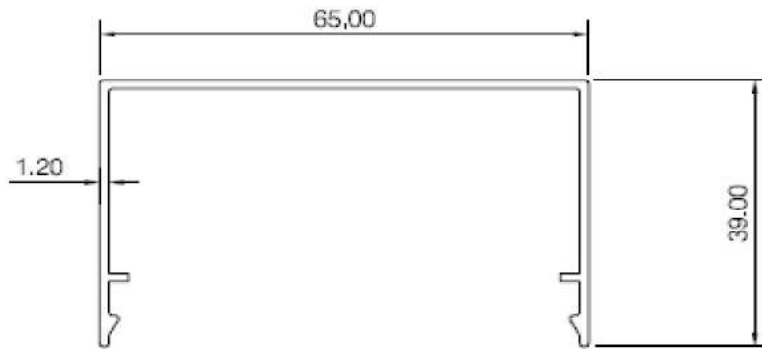
| | | |
|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL65A.1/3. |
| | PMWALL 65A | DATE : JAN 2015 |

CURTAIN WALL
TYPICAL ARRANGEMENT

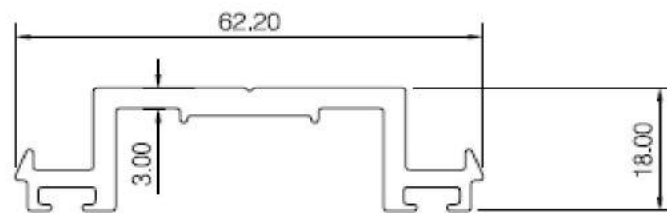


| | | |
|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL65A.2/3. |
| | PMWALL 65A | DATE : JAN 2015 |

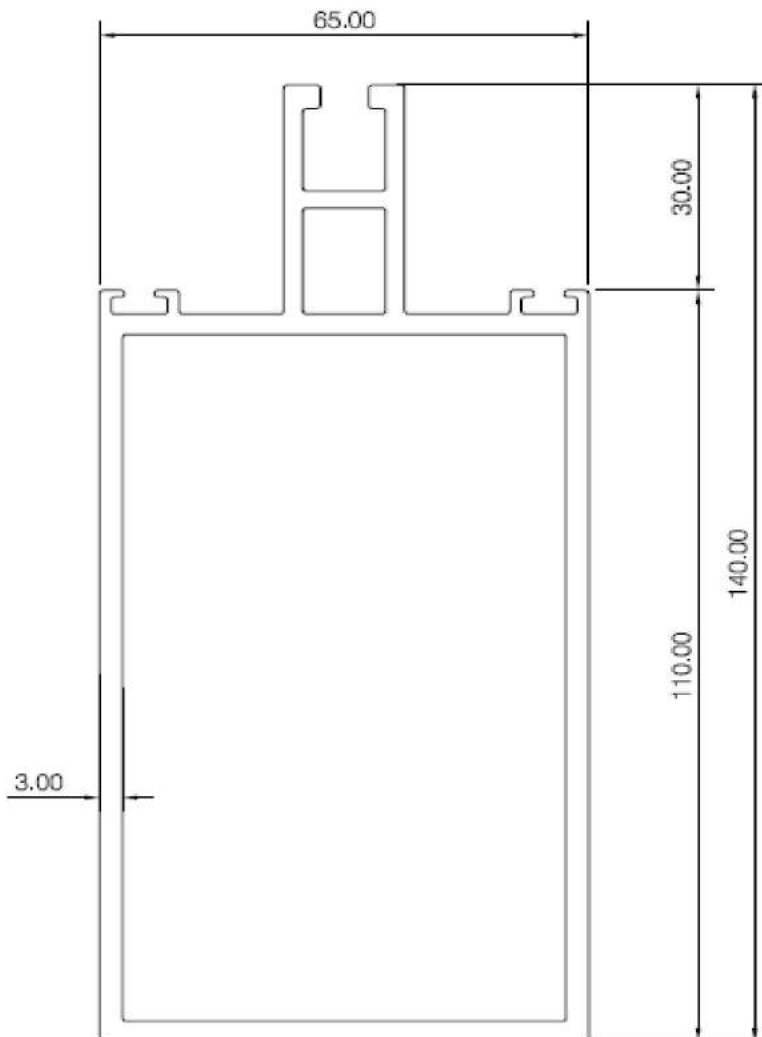
PMB1705
WT : 0.486 kg/m (S)
AP : 294.06mm



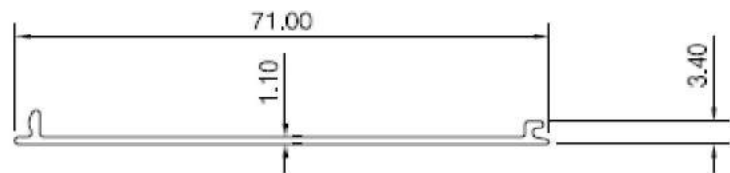
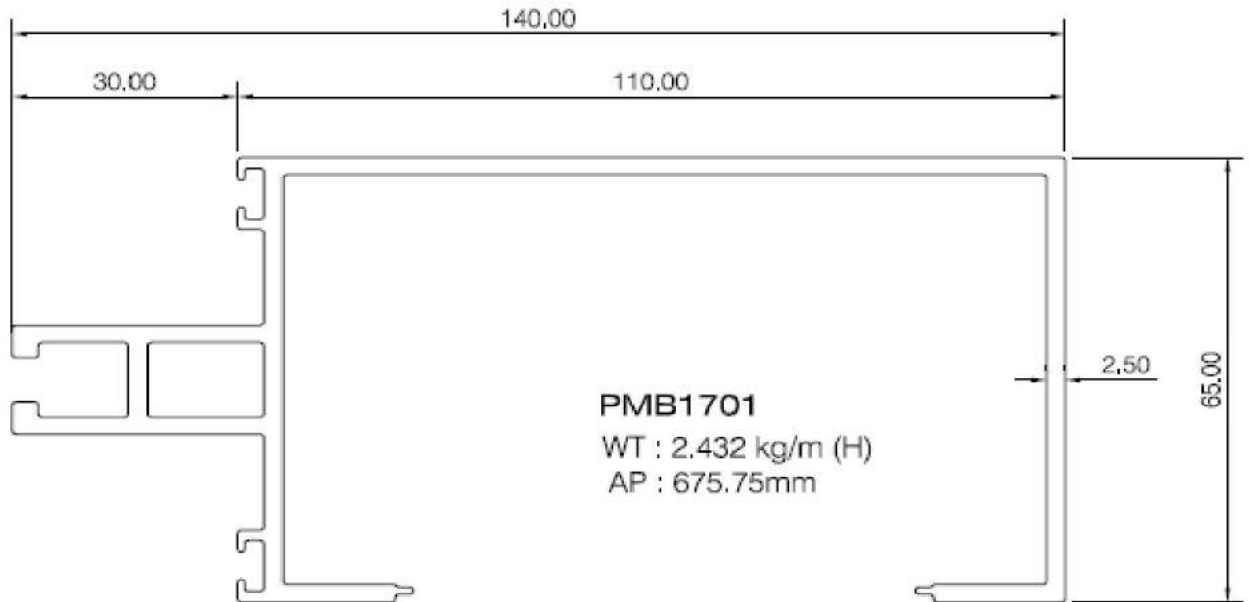
PMB1704
WT : 0.832 kg/m (S)
AP : 225.06mm



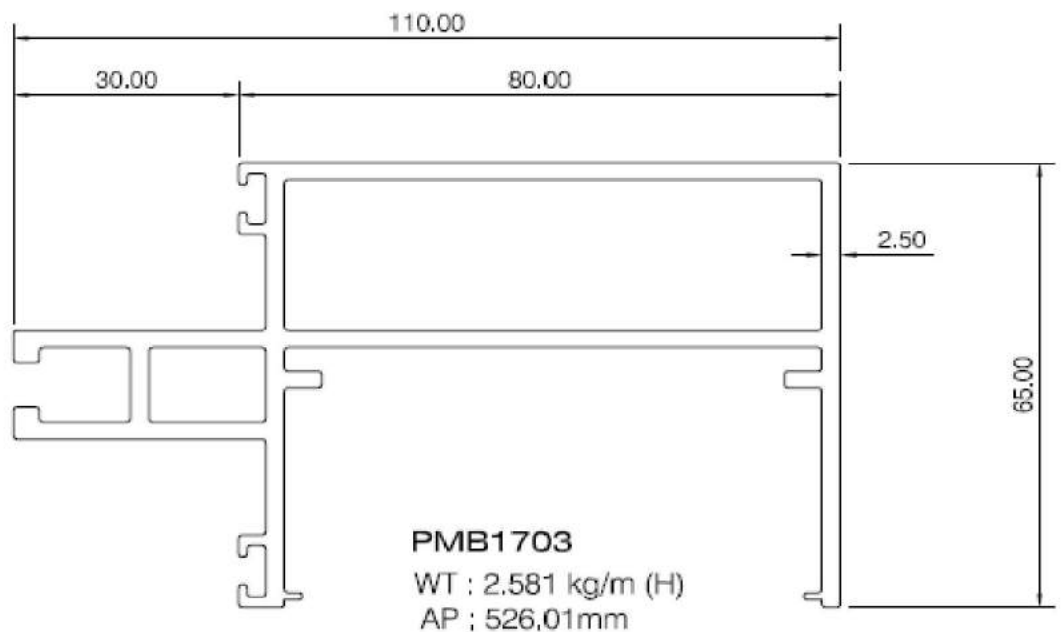
PMB1702
WT : 3.339 kg/m (H)
AP : 484.27mm



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| | CURTAIN WALL | REF : PMWALL65A.3/3. |
| | PMWALL 65A | DATE : JAN 2015 |

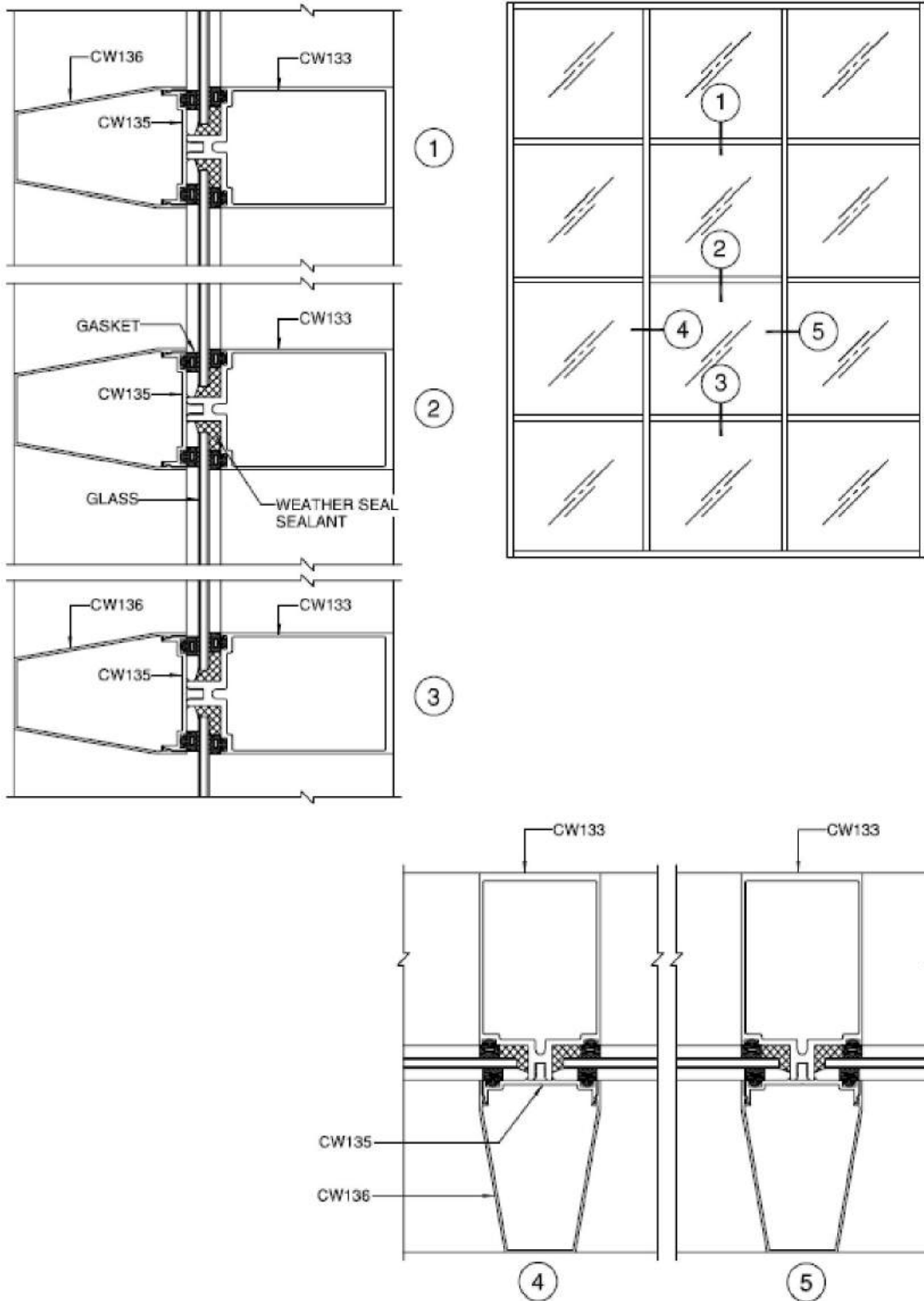


PMB1706
 WT : 0.236 kg/m (H)
 AP : 156.10mm

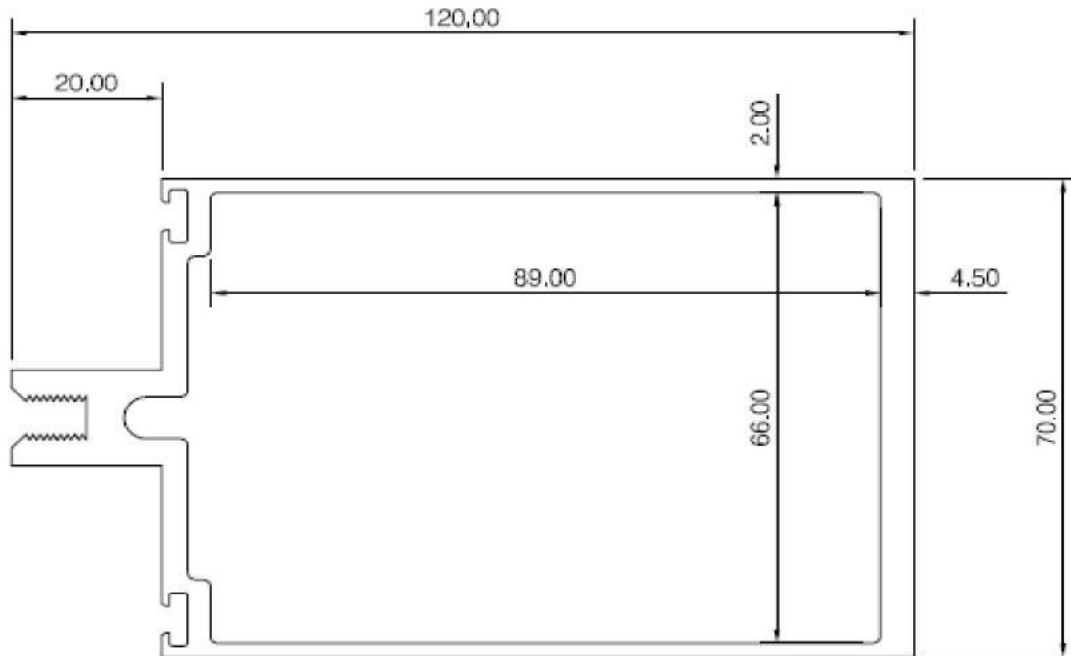


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|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL70A.1/4. |
| | PMWALL 70A | DATE : JAN 2015 |

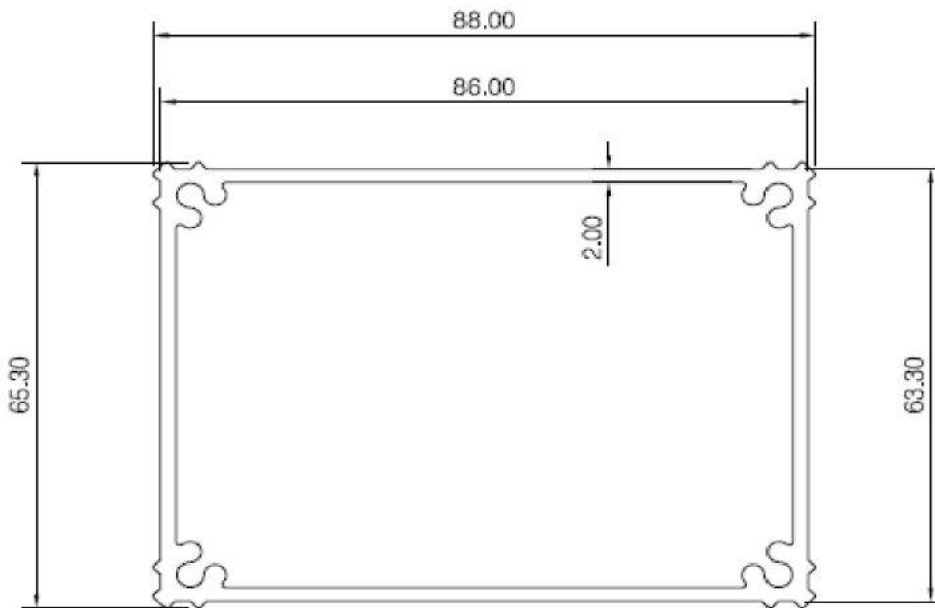
CURTAIN WALL
TYPICAL ARRANGEMENT



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|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL70A.2/4. |
| | PMWALL 70A | DATE : JAN 2015 |



CW133
 WT : 3.011 kg/m (H)
 AP : 441.40mm



CW134
 WT : 1.840 kg/m (H)
 AP : 313.30mm

| | | |
|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL70A.3/4. |
| | PMWALL 70A | DATE : JAN 2015 |

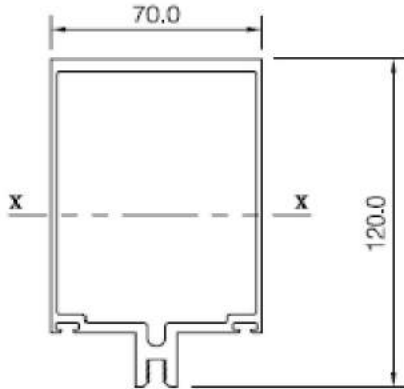
CURTAIN WALL

MULLION SECTION NO. : CW133

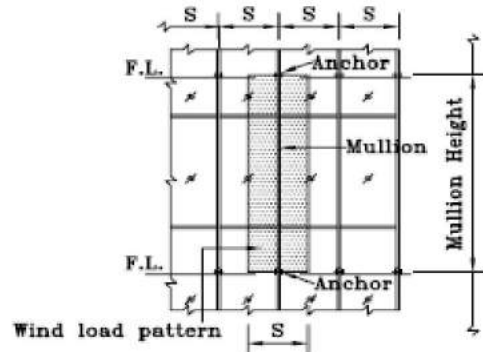
Alum. alloy : 6063-T5

Moment of inertia I_{xx}: 214.9cm⁴

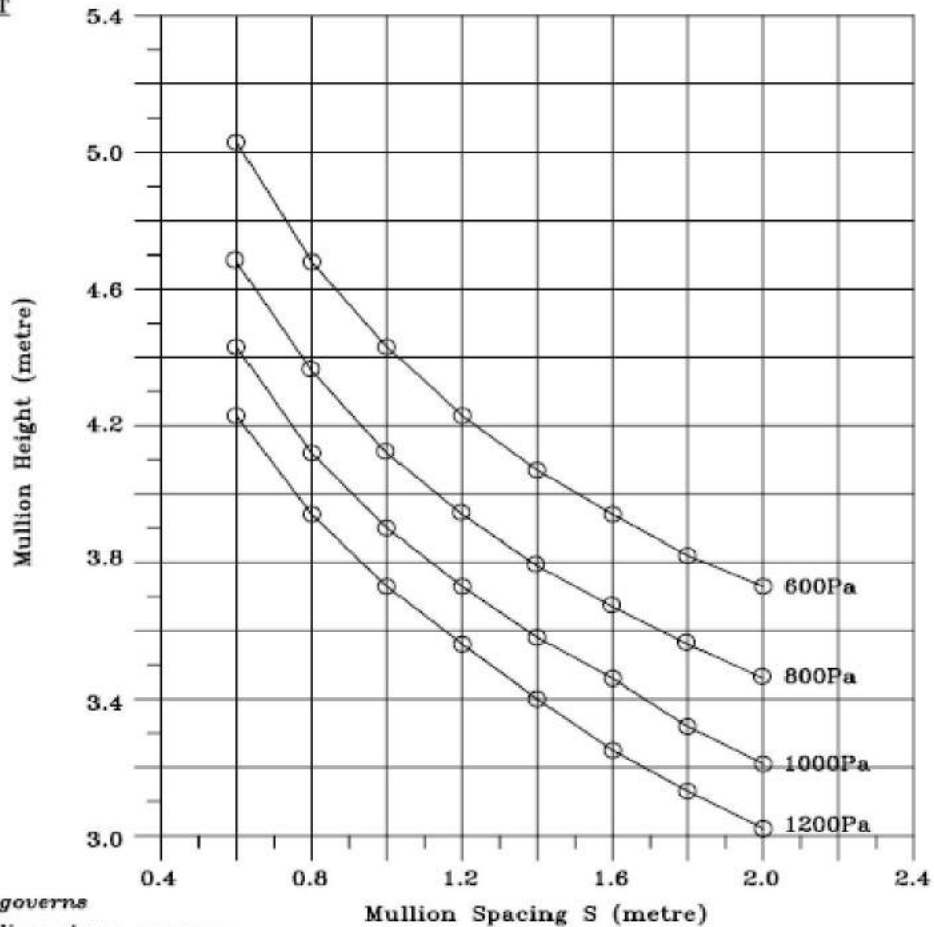
Mod. of section Z_{xx}: 34.1cm³



Mod. of elasticity : $70 \times 10^9 \text{ n/m}^2$
 Defln. limit : $\frac{\text{Span}}{175}$, up to max. 20mm
 Perm. bend. stress : $1.25 \times 67 \text{ Mpa}$
 (within slenderness limit)
 Nature of anchor : Simply supported
 Typical configuration of curtain wall:



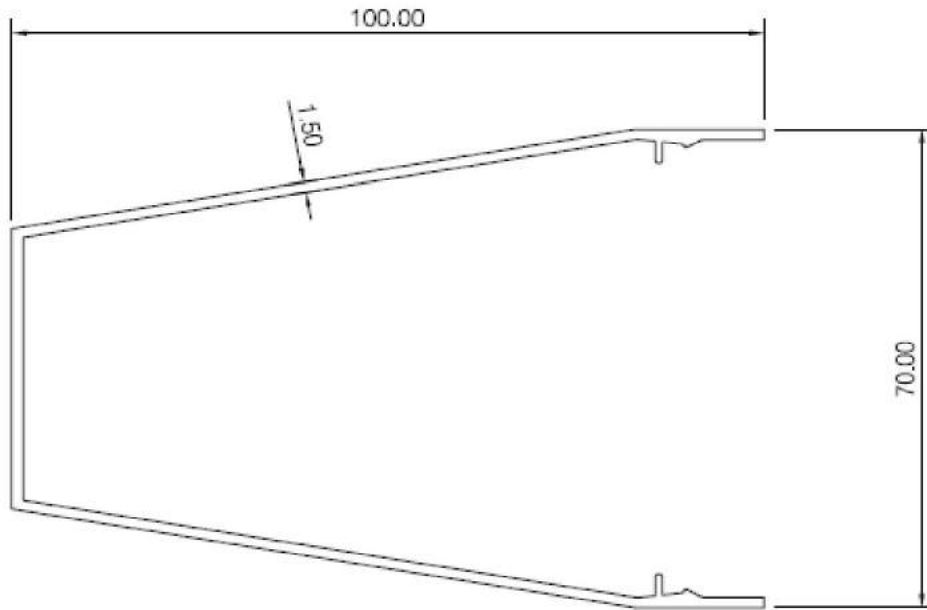
WIND LOAD CHART



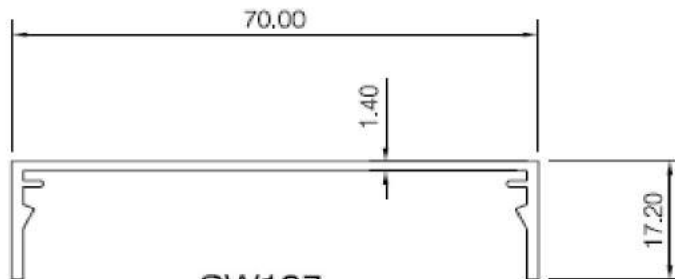
Legend:

- deflection limit governs
- ◇ permissible bending stress governs

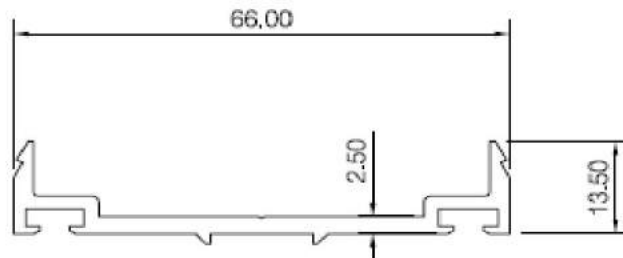
| | | |
|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL70A.4/4. |
| | PMWALL 70A | DATE : JAN 2015 |



CW136
WT : 1,010 kg/m (S)
AP : 497.40mm

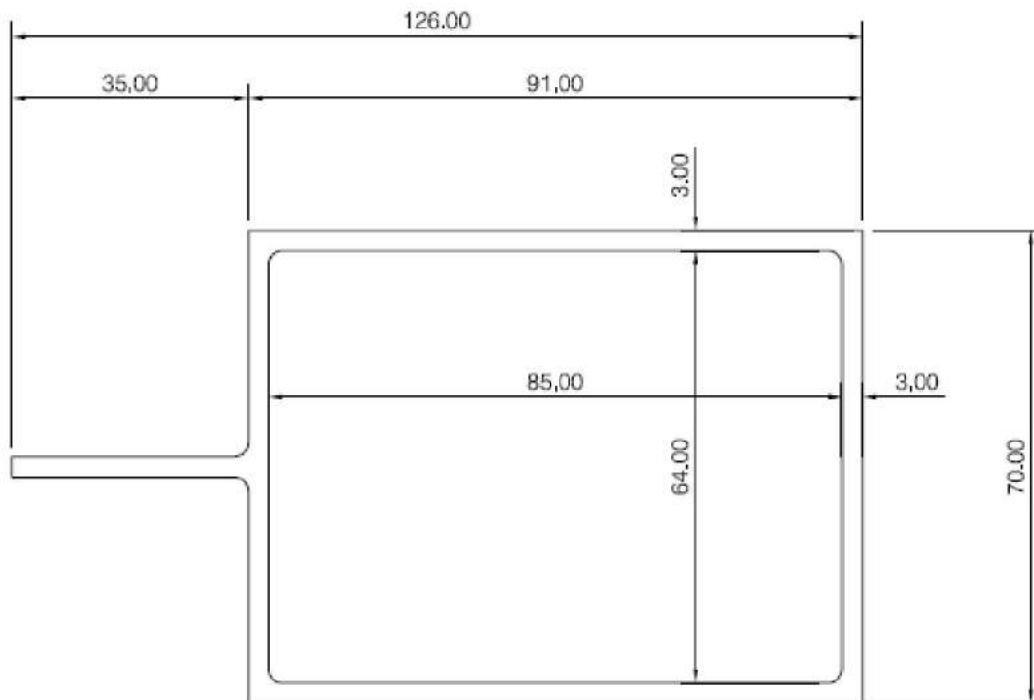


CW137
WT : 0.424 kg/m (S)
AP : 218.28mm

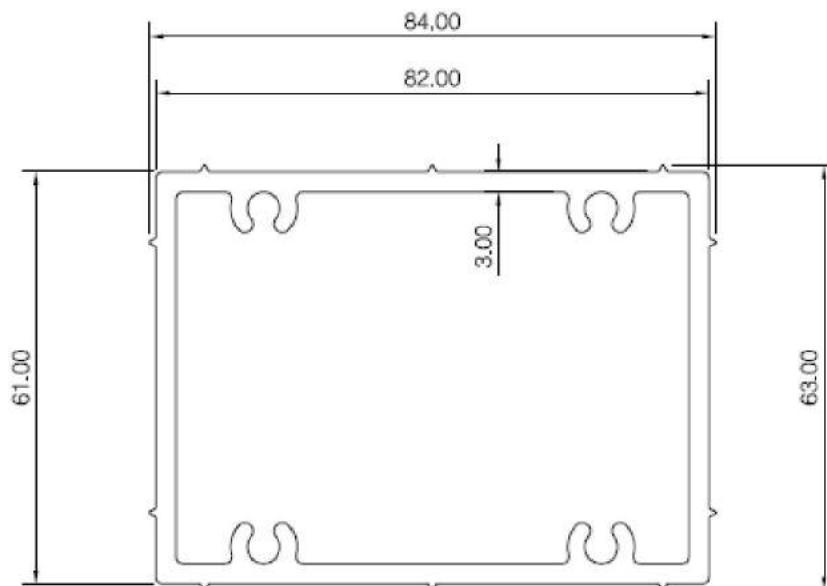


CW135
WT : 0.602 kg/m (S)
AP : 210.40mm

| | | |
|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL70B.1/1. |
| | PMWALL 70B | DATE : JAN 2015 |



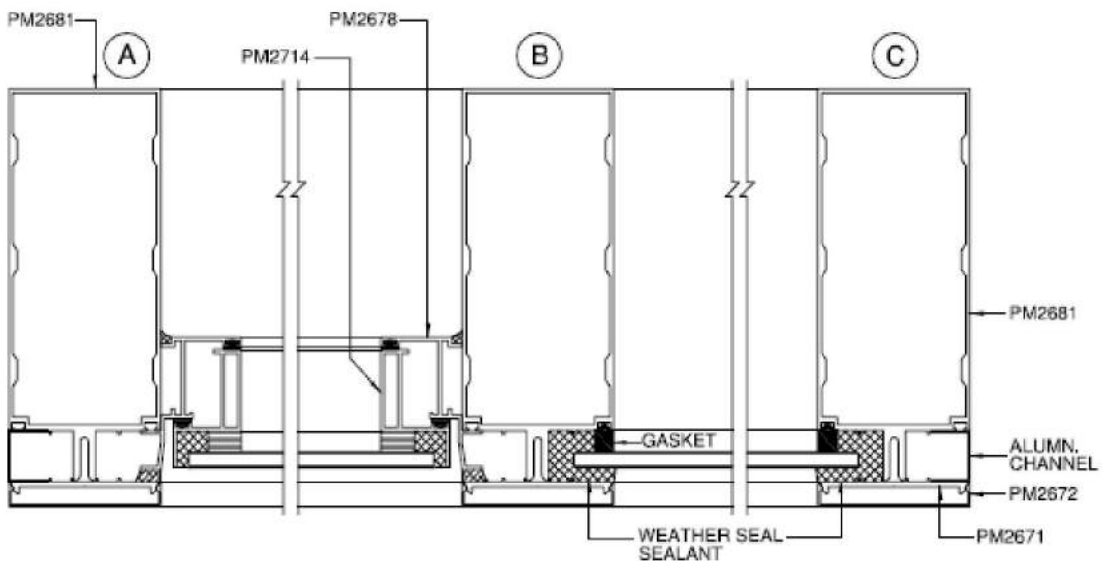
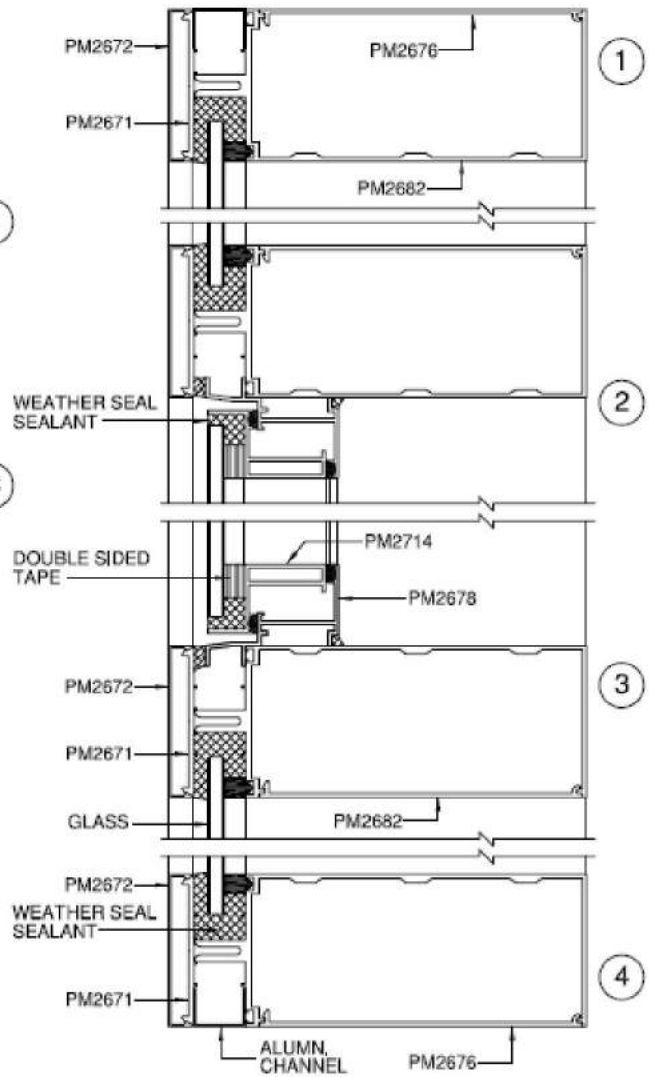
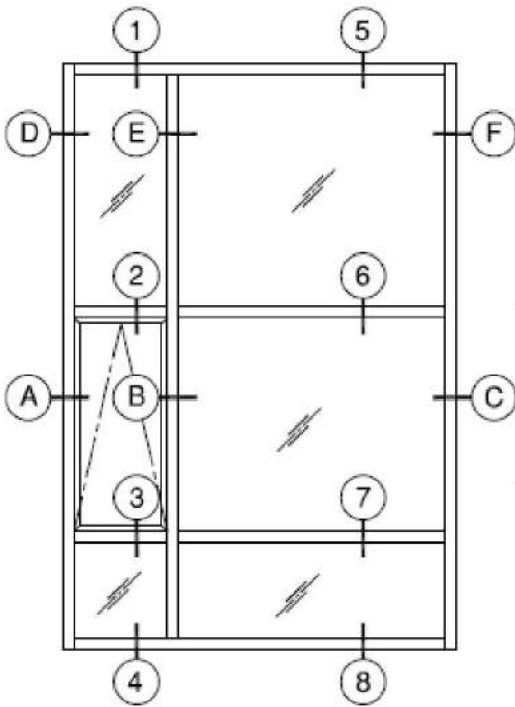
PMB2040
 WT : 2.818 kg/m (H)
 AP : 390,28mm



PMB2041
 WT : 2.597 kg/m (H)
 AP : 295,36mm

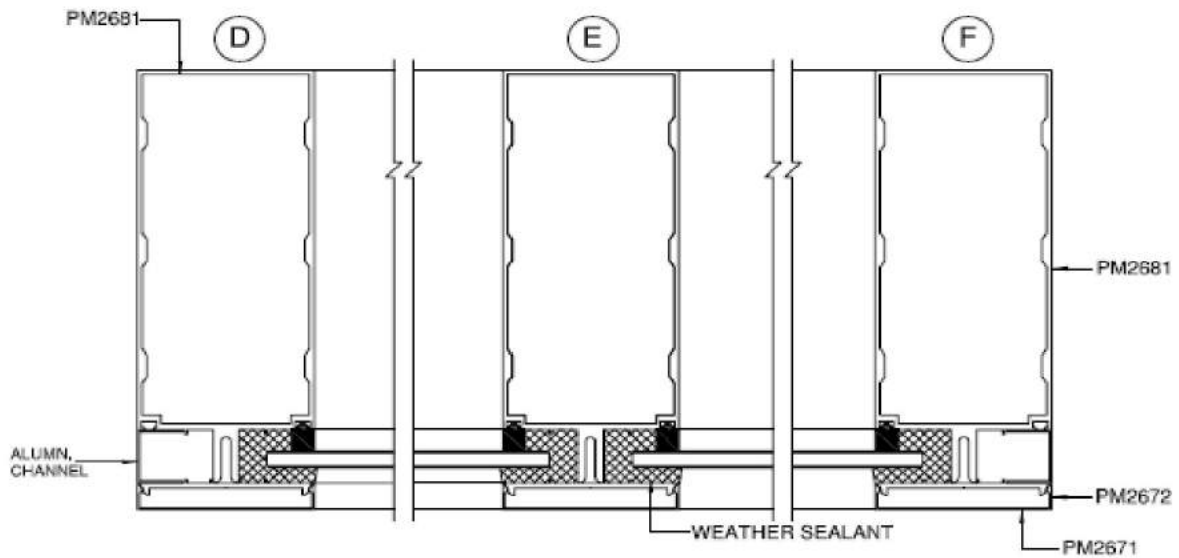
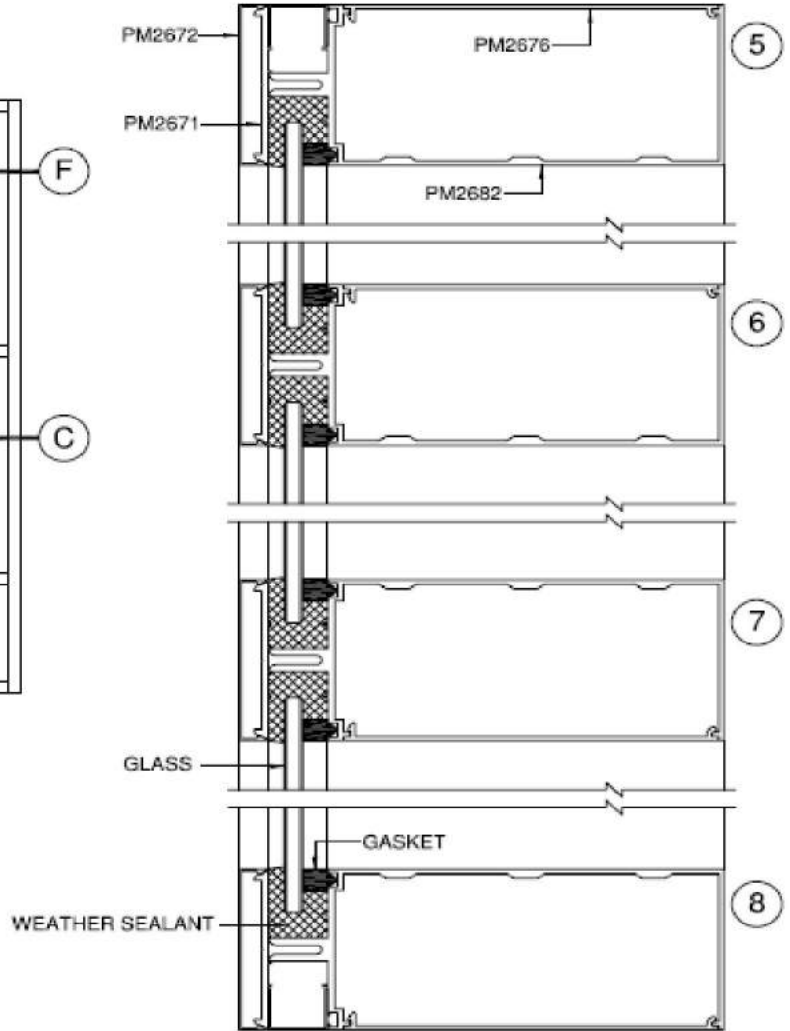
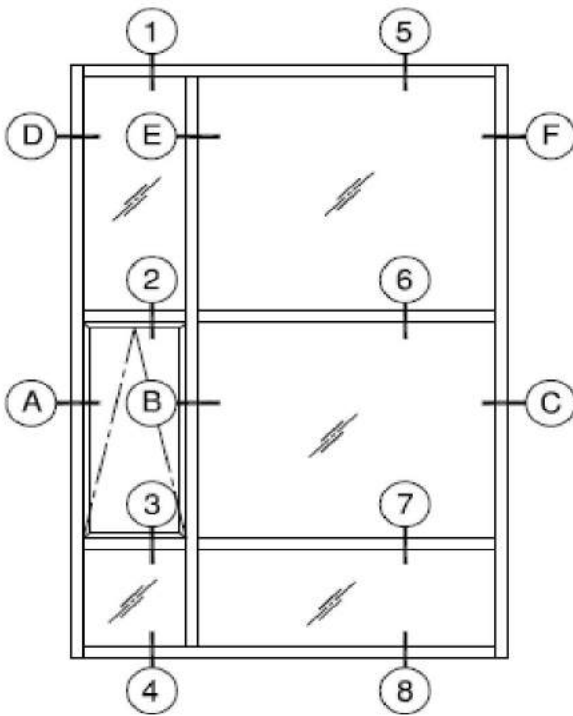
| | | |
|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL75A.1/7. |
| | PMWALL 75A | DATE : JAN 2015 |

CURTAIN WALL
TYPICAL ARRANGEMENT



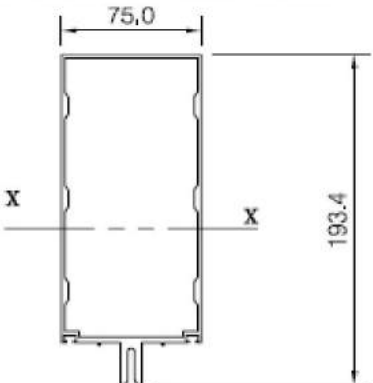
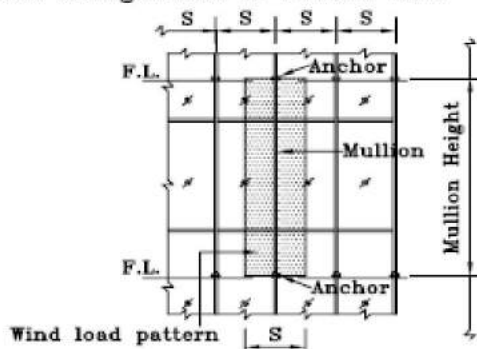
| | | |
|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL75A.2/7. |
| | PMWALL 75A | DATE : JAN 2015 |

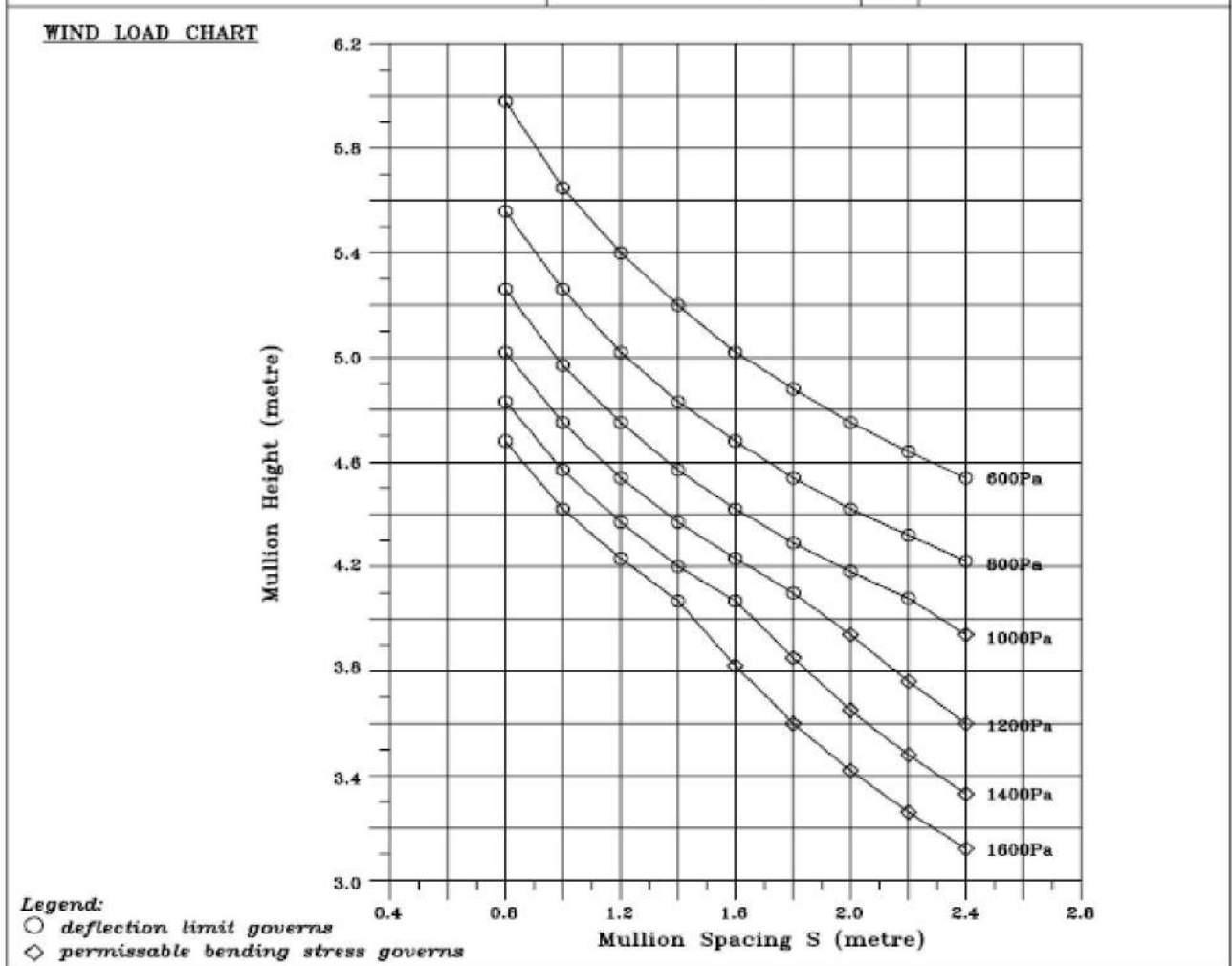
CURTAIN WALL
TYPICAL ARRANGEMENT



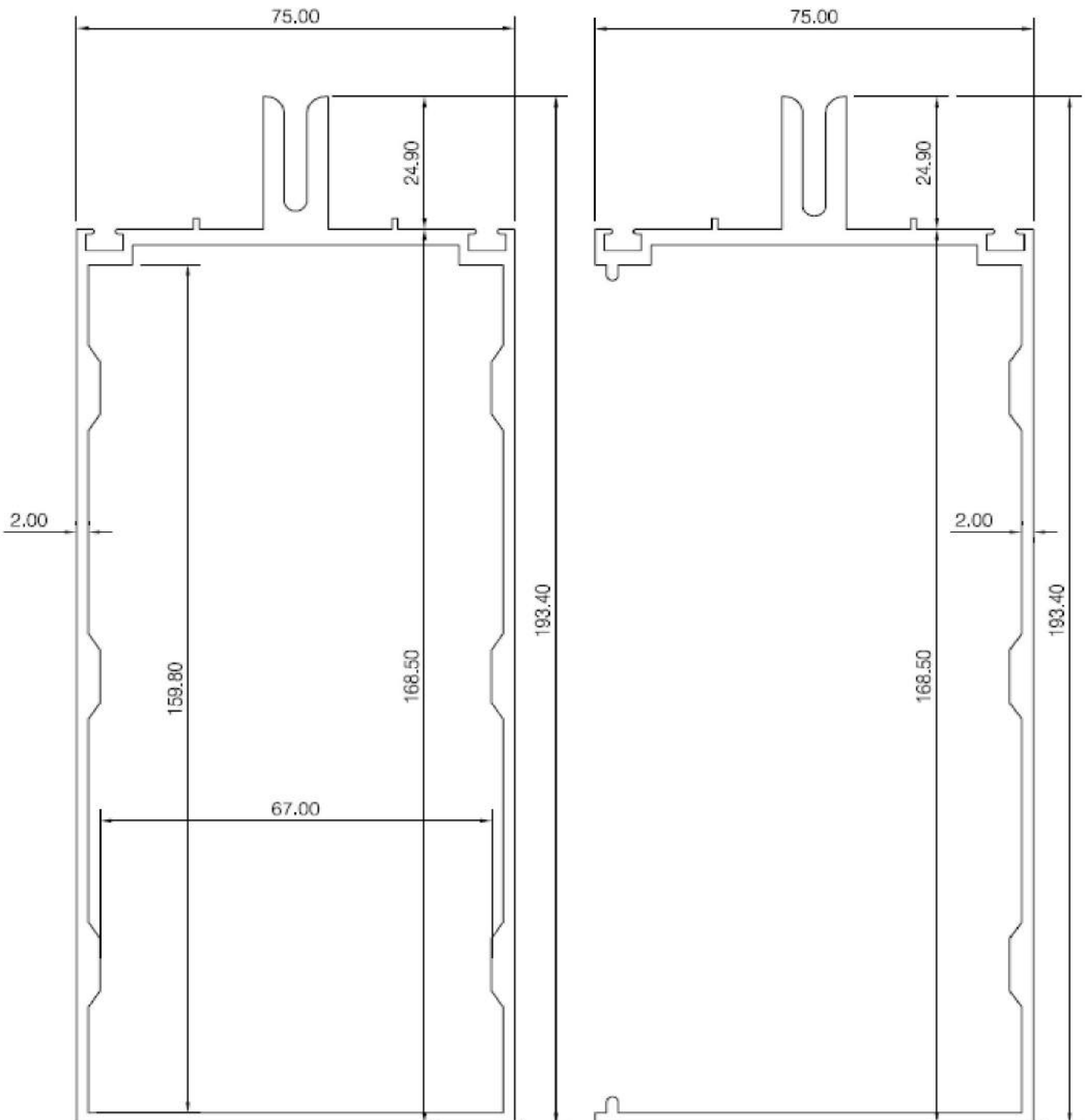
| | | |
|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL75A.3/7. |
| | PMWALL 75A | DATE : JAN 2015 |

CURTAIN WALL

| | |
|--|---|
| <p>MULLION SECTION NO. : PM2881 Alum. alloy : 6063-T5 Moment of inertia I_{xx}: 569.1cm⁴ Mod. of section Z_{xx}: 55.8cm³</p>  | <p>Mod. of elasticity : 70×10^9 n/m² Defln. limit : $\frac{\text{Span}}{175}$, up to max. 20mm Perm. bend. stress : 1.25 x 67 Mpa (within slenderness limit) Nature of anchor : Simply supported Typical configuration of curtain wall:</p>  |
|--|---|



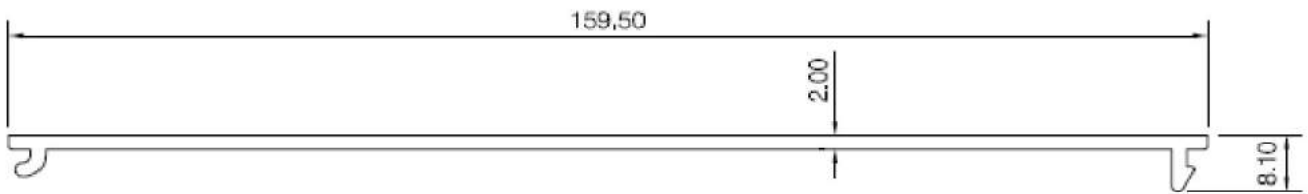
| | | |
|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL75A.4/7. |
| | PMWALL 75A | DATE : JAN 2015 |



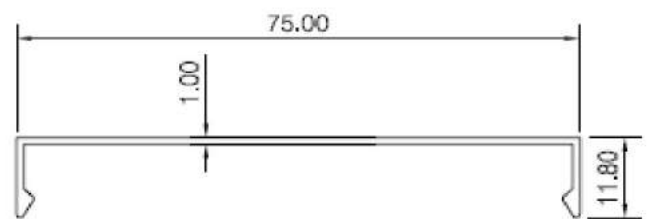
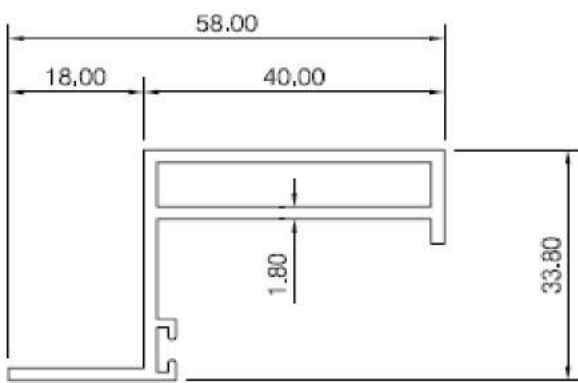
PM2681
 WT : 3.753 kg/m (H)
 AP : 609.49mm

PM2682
 WT : 2.706 kg/m (S)
 AP : 777.31mm

| | | |
|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL75A.5/7. |
| | PMWALL 75A | DATE : JAN 2015 |

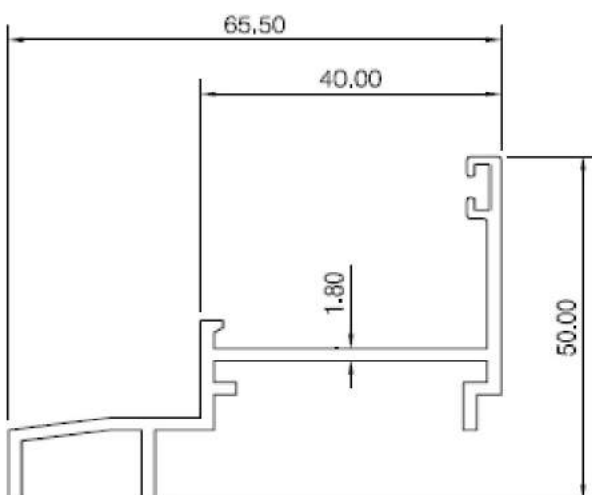
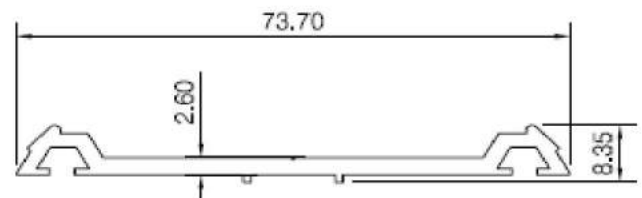


PM2676
 WT : 0.926 kg/m (S)
 AP : 344.30mm



PM2672
 WT : 0.276 kg/m (S)
 AP : 196.06mm

PM2714
 WT : 0.700 kg/m (H)
 AP : 206.94mm



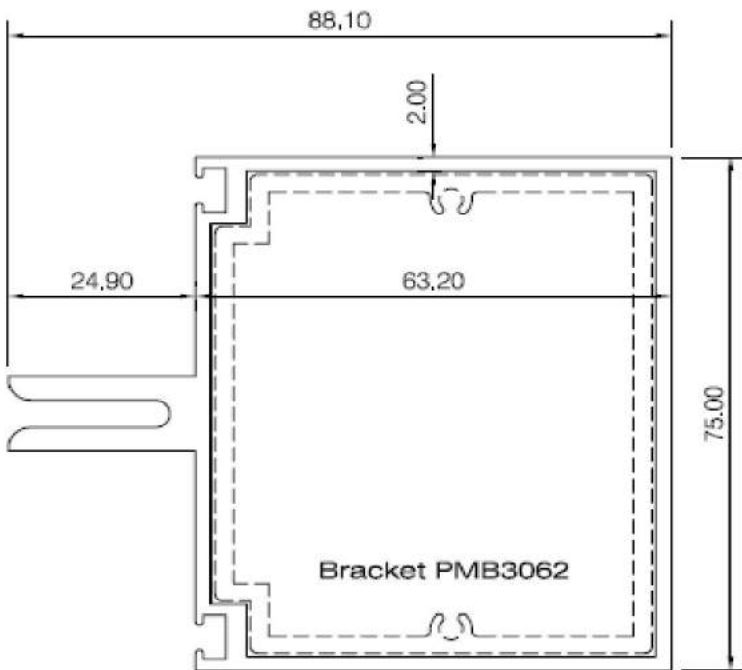
CW143
 WT : 0.580 kg/m (S)
 AP : 191.98mm



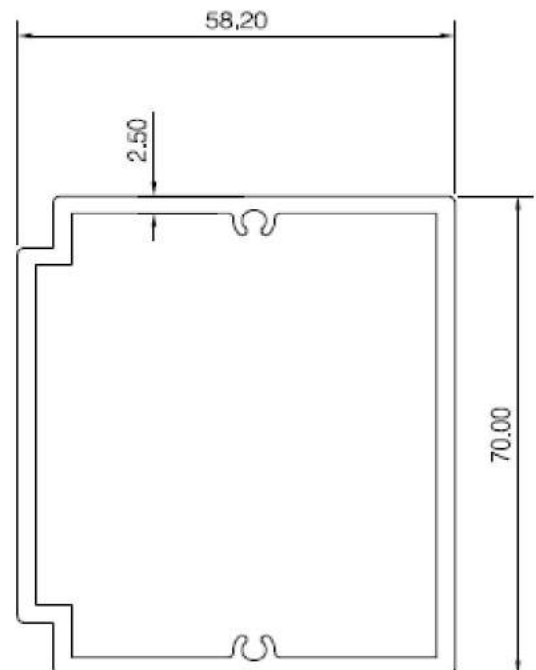
PM2678
 WT : 0.721 kg/m (S)
 AP : 307.43mm

PM2671
 WT : 0.549 kg/m (S)
 AP : 173.45mm

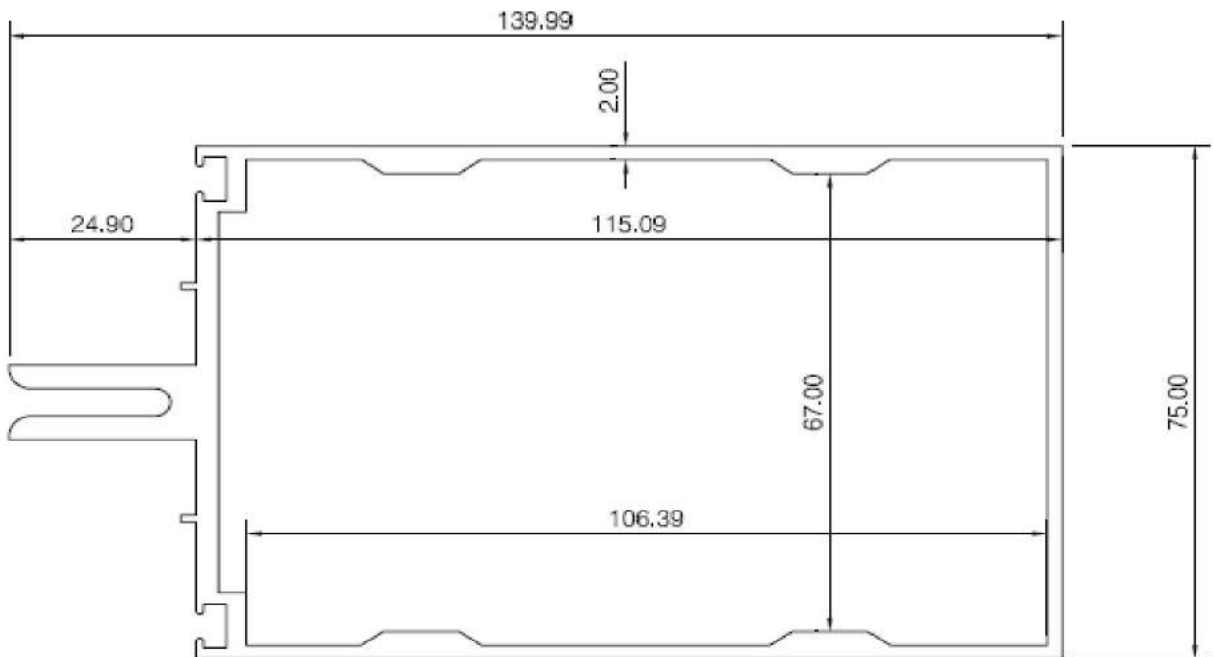
| | | |
|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL75A.6/7. |
| | PMWALL 75A | DATE : JAN 2015 |



PM2683
 WT : 2.026 kg/m (H)
 AP : 390.69mm

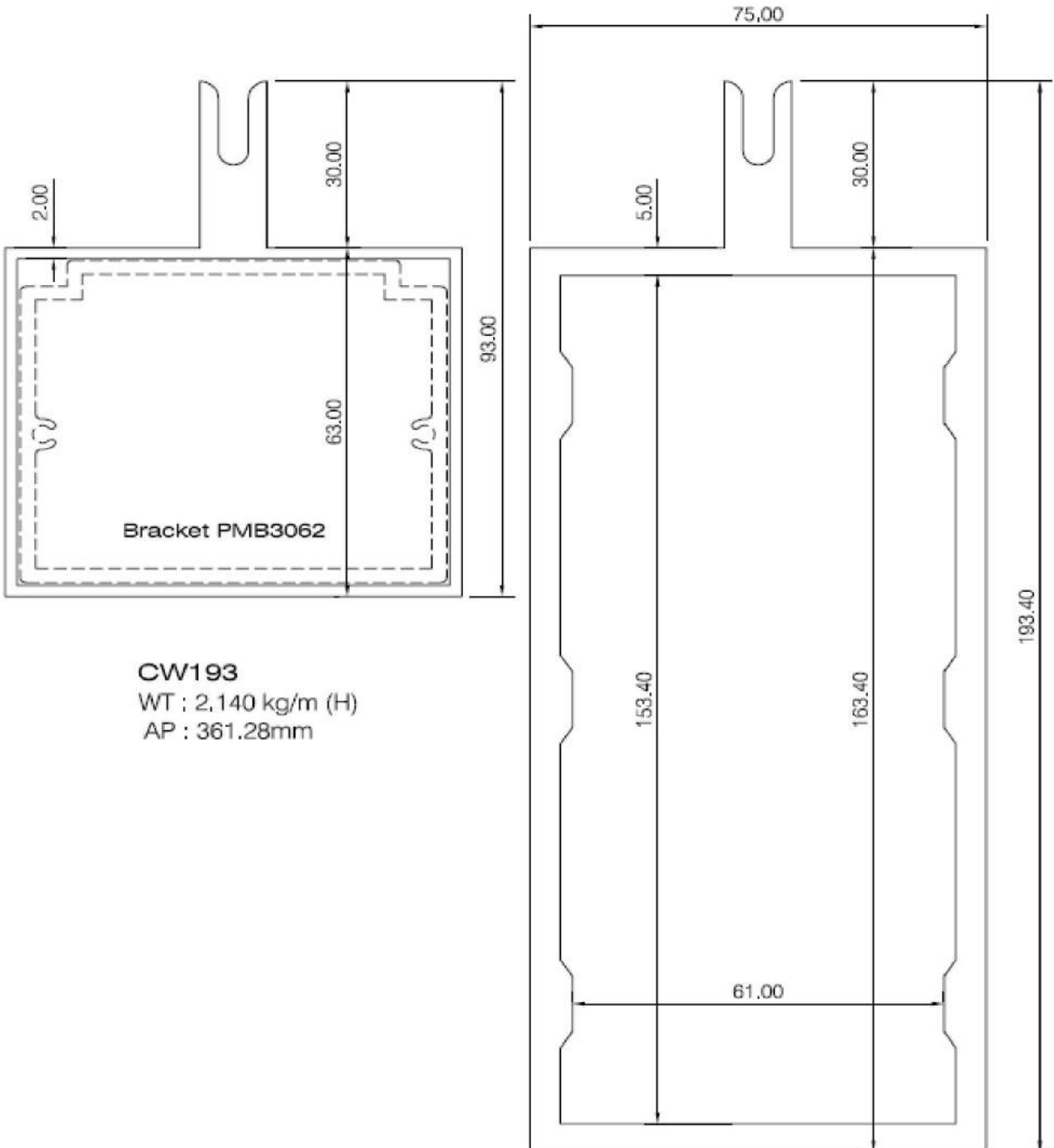


PMB3062
 WT : 1.707 kg/m (H)
 AP : 253.82mm



PMB2869
 WT : 3.033 kg/m (H)
 AP : 502.16mm

| | | |
|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALL75A.7/7. |
| | PMWALL 75A | DATE : JAN 2015 |

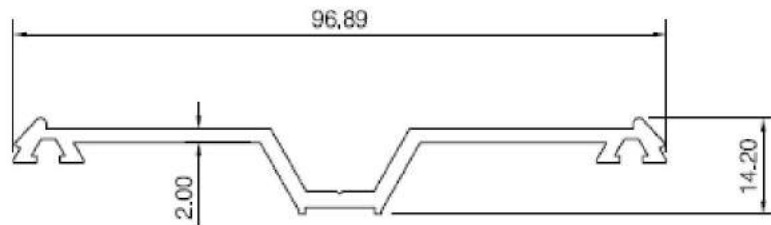


CW193
 WT : 2,140 kg/m (H)
 AP : 361.28mm

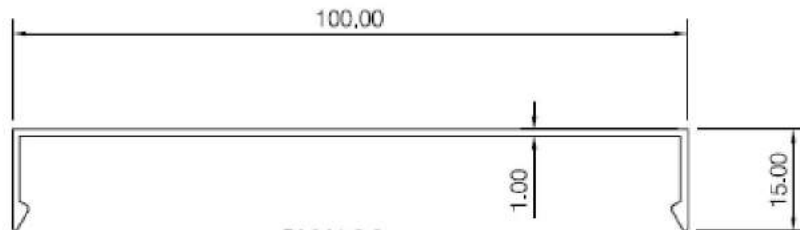
$I_{xx} = 1009.1 \text{ cm}^4$
 $Z_{xx} = 98.2 \text{ cm}^3$

CW192
 WT : 7,300 kg/m (H)
 AP : 562.08mm

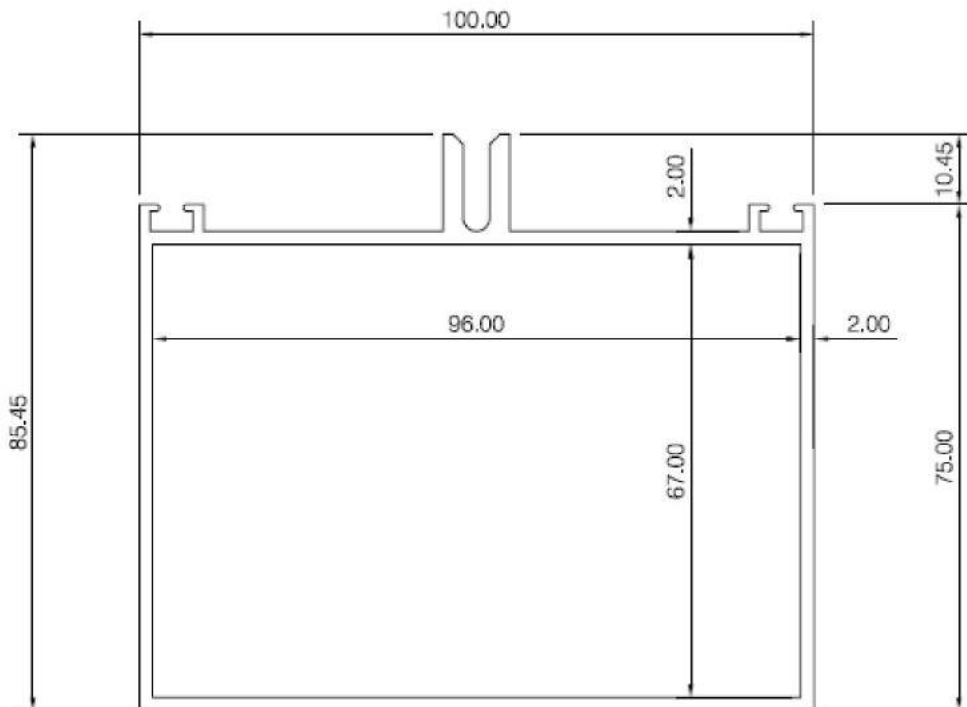
| | | |
|--|--------------------|-----------------------|
| | CURTAIN WALL | REF : PMWALL100A.1/1. |
| | PMWALL 100A | DATE : JAN 2015 |



CW189
 WT : 0.711 kg/m (S)
 AP : 257.50mm



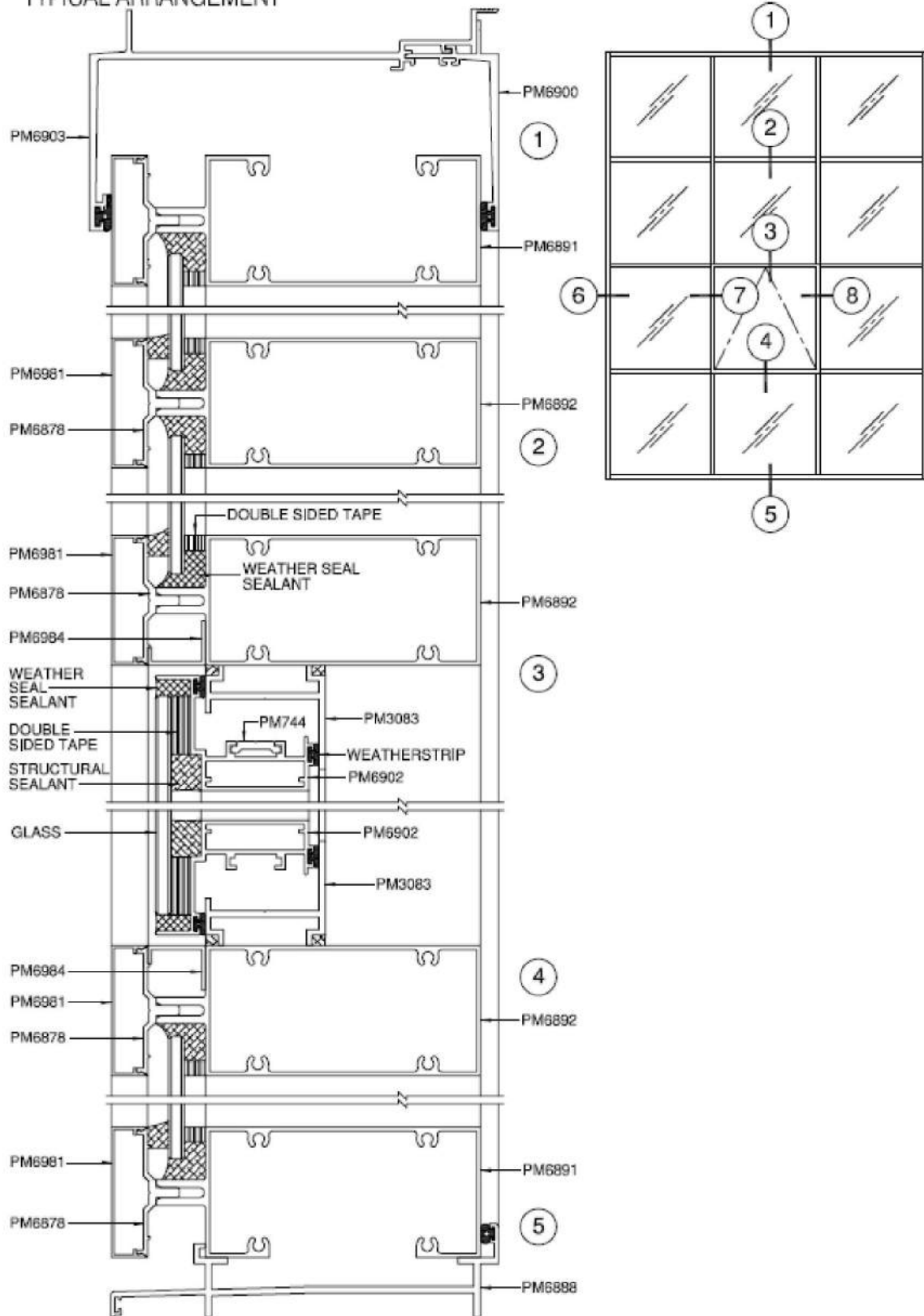
CW190
 WT : 0.360 kg/m (S)
 AP : 259,14mm



CW191
 WT : 2.127 kg/m (H)
 AP : 437.81mm

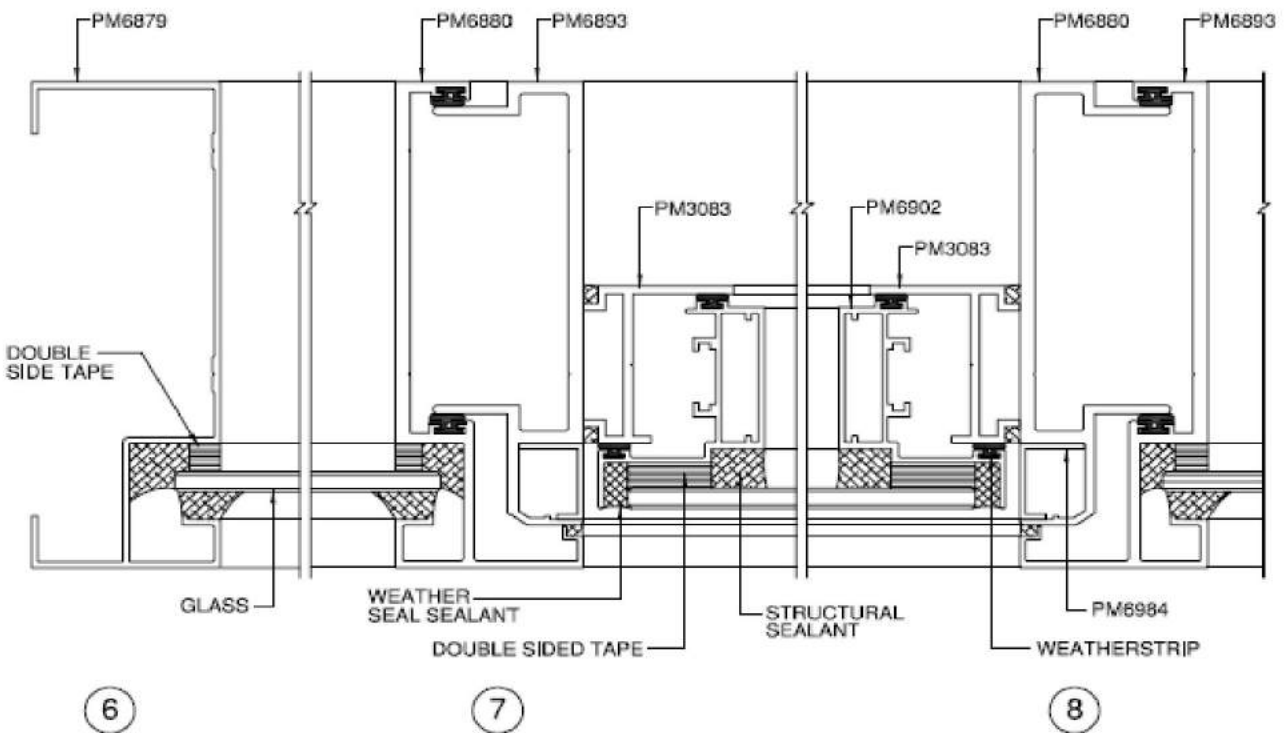
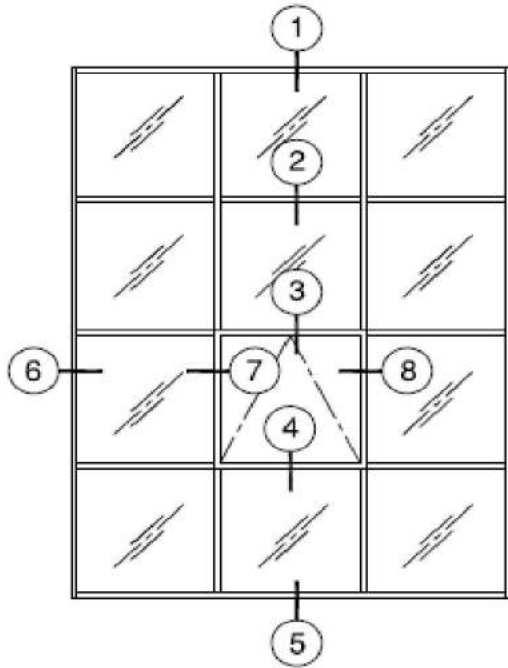
| | | |
|--|------------------|---------------------|
| | CURTAIN WALL | REF : PMWALLU1.1/6. |
| | PMWALL U1 | DATE : JAN 2015 |

CURTAIN WALL
TYPICAL ARRANGEMENT

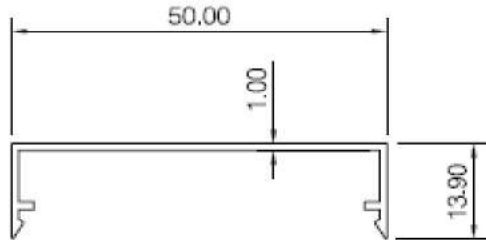


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|--|------------------|---------------------|
| | CURTAIN WALL | REF : PMWALLU1,2/6. |
| | PMWALL U1 | DATE : JAN 2015 |

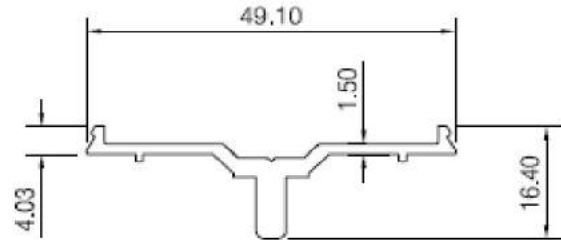
CURTAIN WALL
TYPICAL ARRANGEMENT



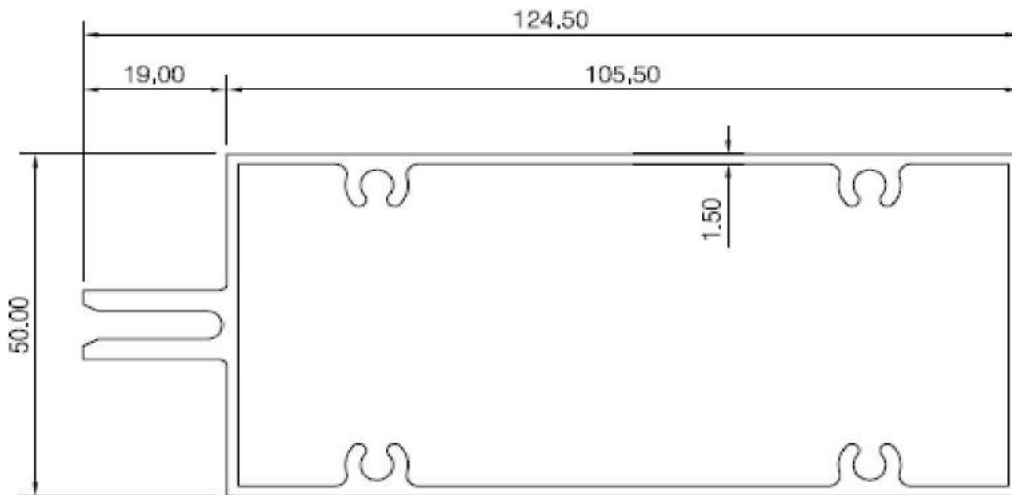
| | | |
|--|------------------|---------------------|
| | CURTAIN WALL | REF : PMWALLU1.3/6. |
| | PMWALL U1 | DATE : JAN 2015 |



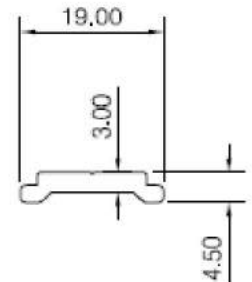
PM6981
 WT : 0.218 kg/m (S)
 AP : 161.11mm



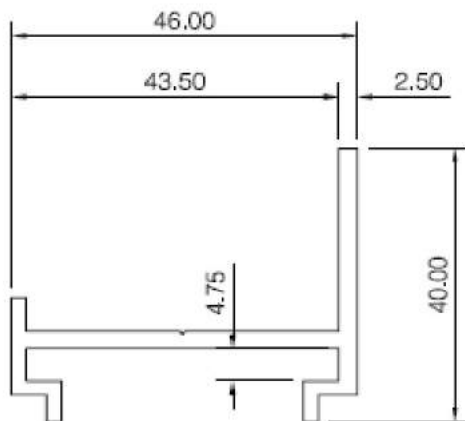
PM6878
 WT : 0.370 kg/m (S)
 AP : 136.39mm



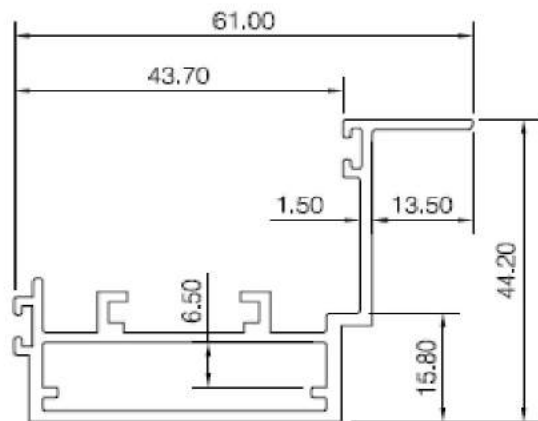
PM6892
 WT : 1.893 kg/m (H)
 AP : 382.07mm



PM744
 WT : 0.156 kg/m (S)
 AP : 46.60mm

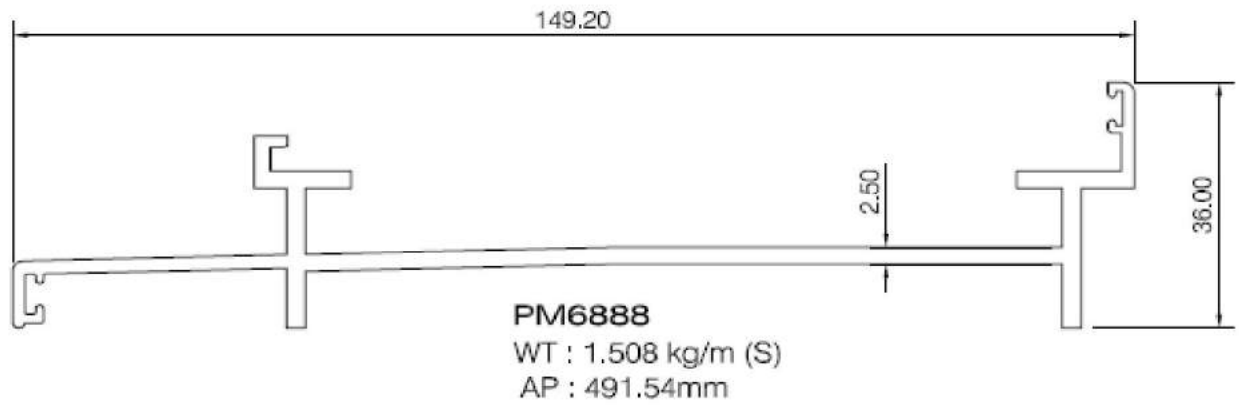
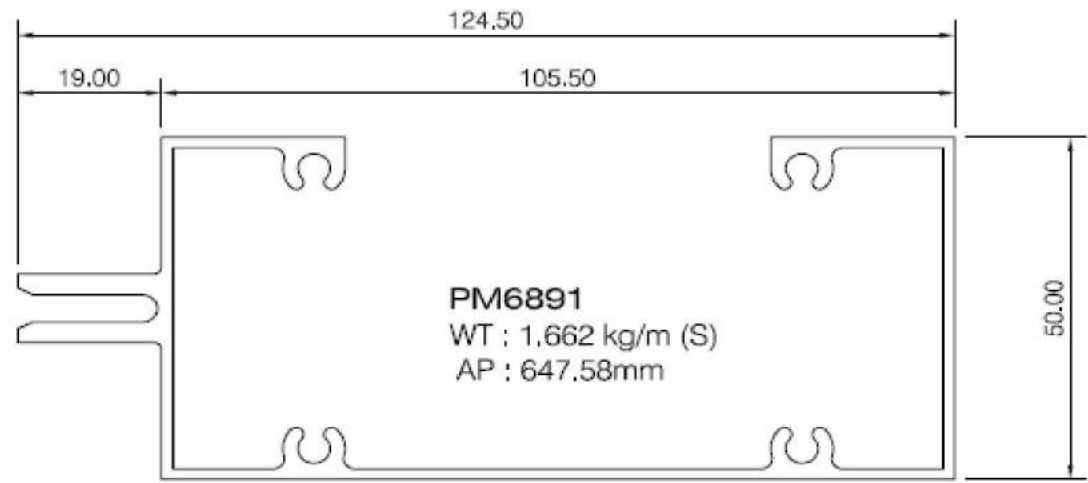
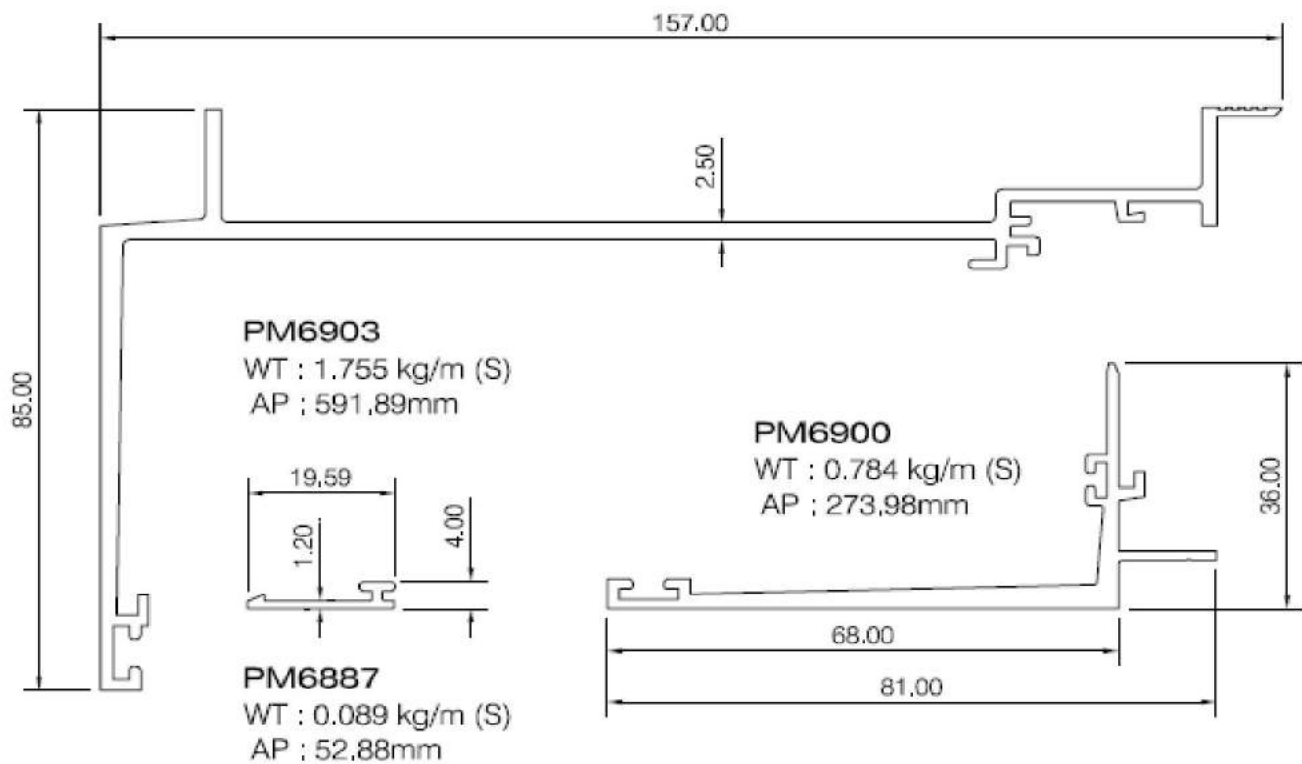


PM3083
 WT : 0.695 kg/m (S)
 AP : 222.58mm

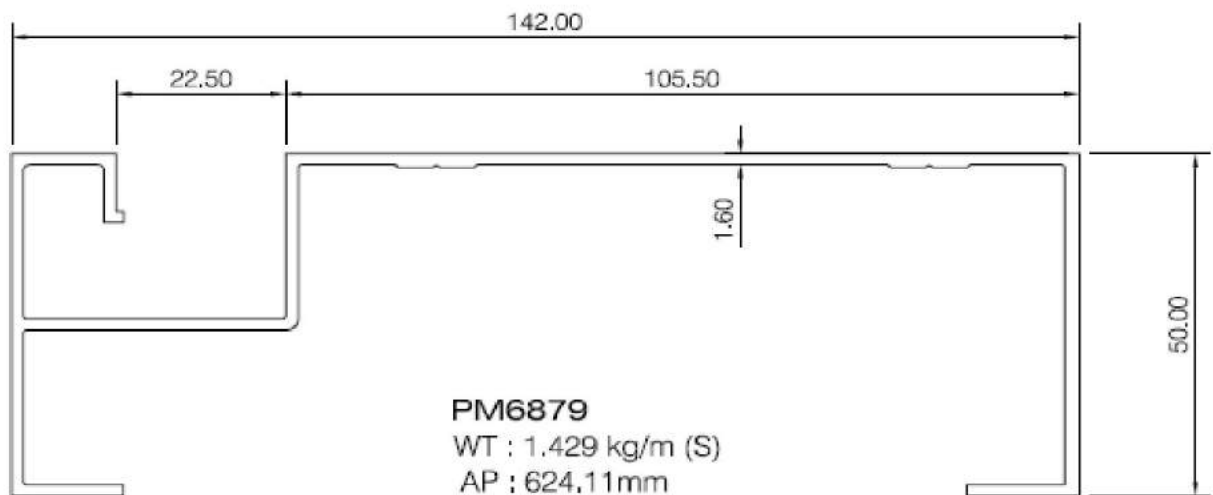
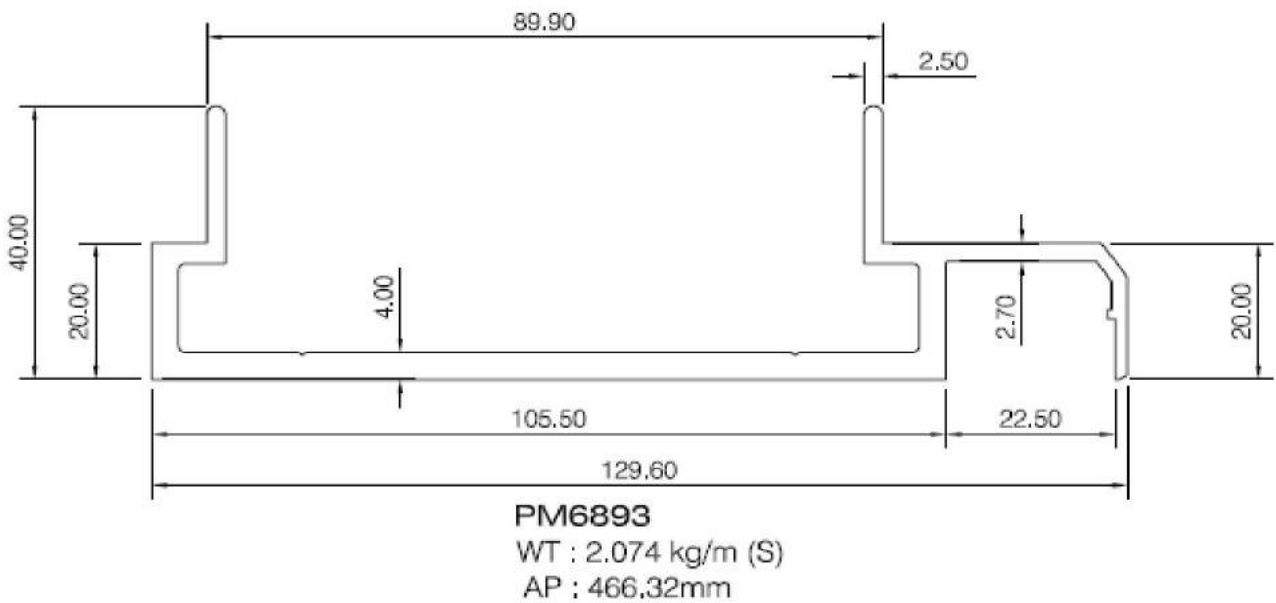
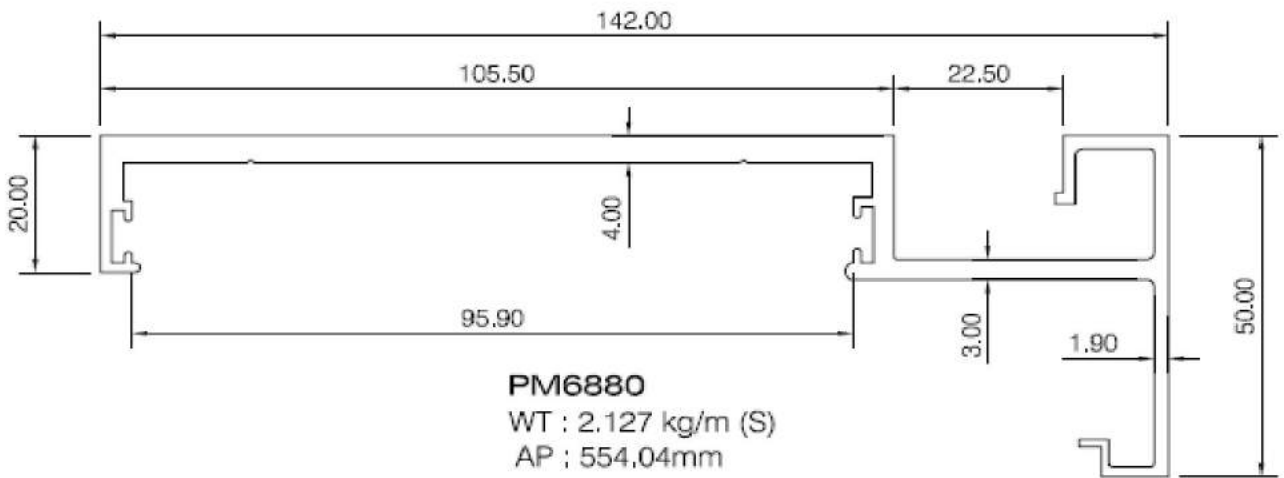


PM6902
 WT : 0.817 kg/m (H)
 AP : 280.78mm

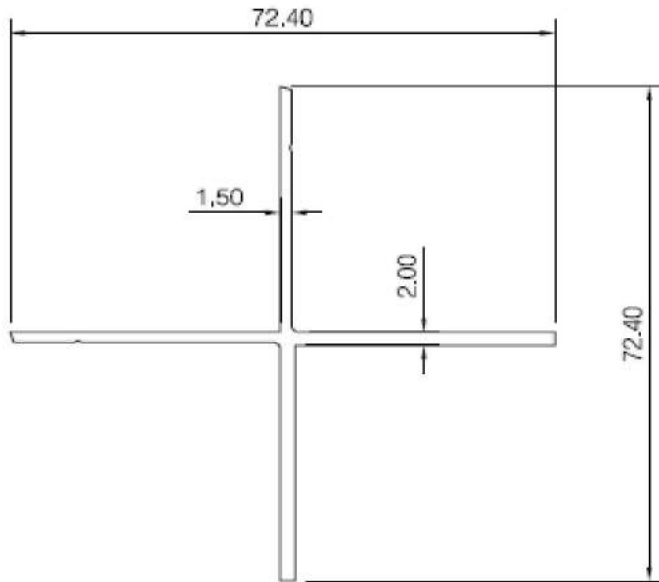
| | | |
|--|------------------|---------------------|
| | CURTAIN WALL | REF : PMWALLU1.4/6. |
| | PMWALL U1 | DATE : JAN 2015 |



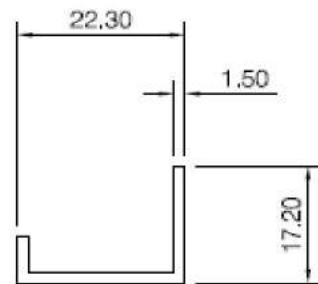
| | | |
|--|------------------|---------------------|
| | CURTAIN WALL | REF : PMWALLU1.5/6. |
| | PMWALL U1 | DATE : JAN 2015 |



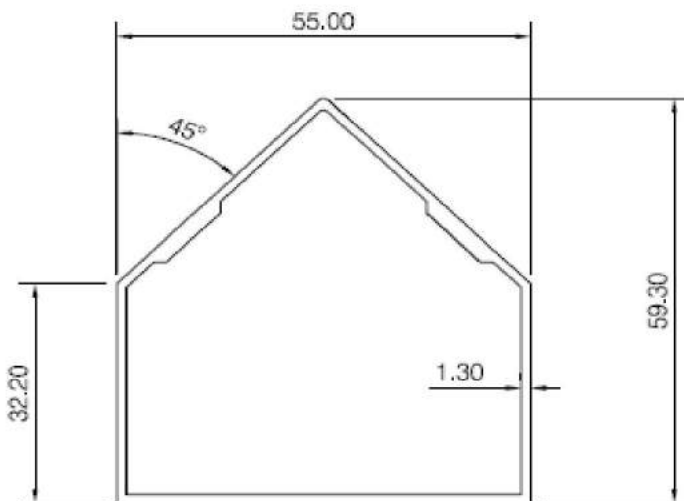
| | | |
|--|------------------|---------------------|
| | CURTAIN WALL | REF : PMWALLU1.6/6. |
| | PMWALL U1 | DATE : JAN 2015 |



PM6910
 WT : 0.675 kg/m (S)
 AP : 288.10mm



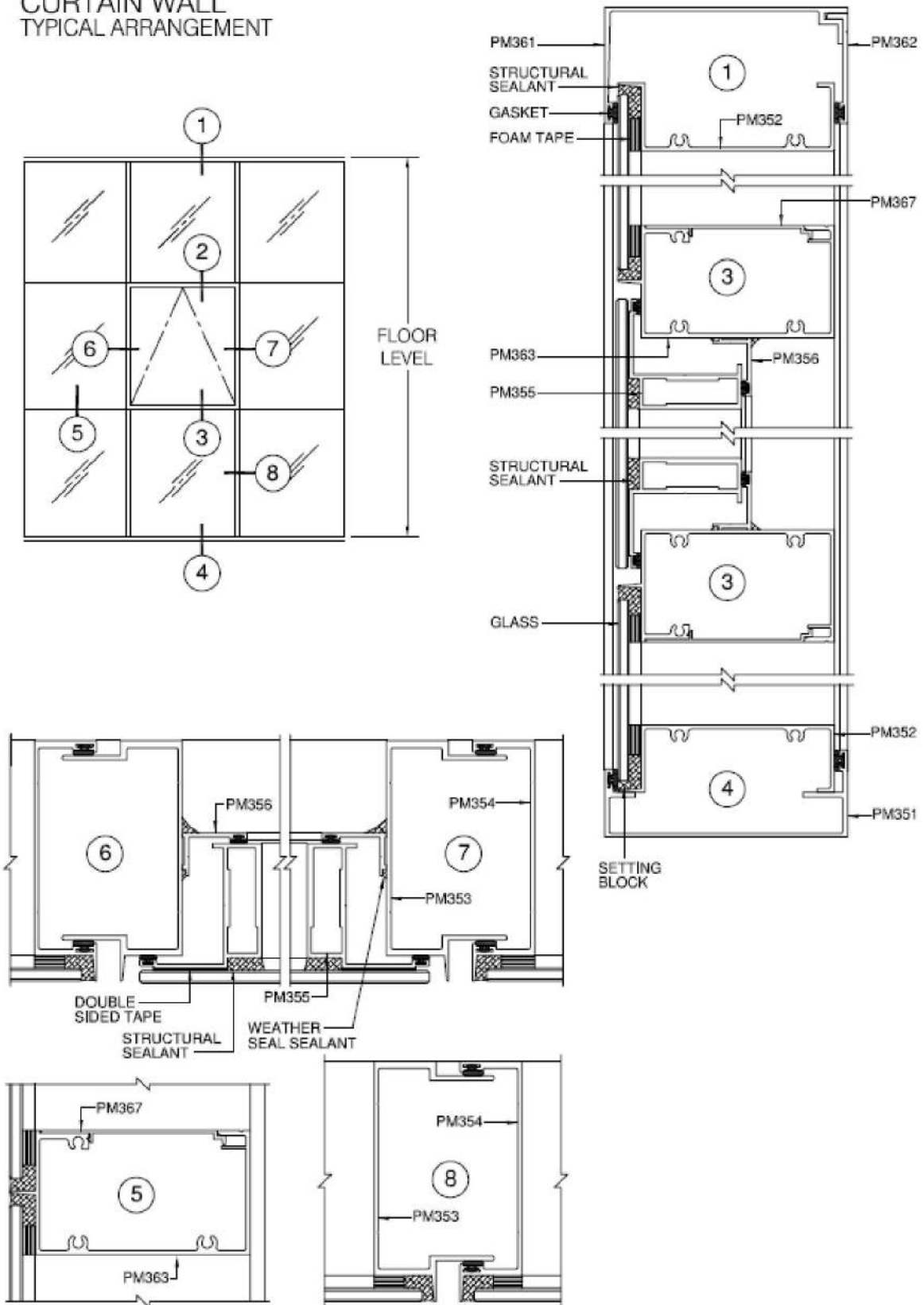
PM6984
 WT : 0.176 kg/m (S)
 AP : 89.59mm



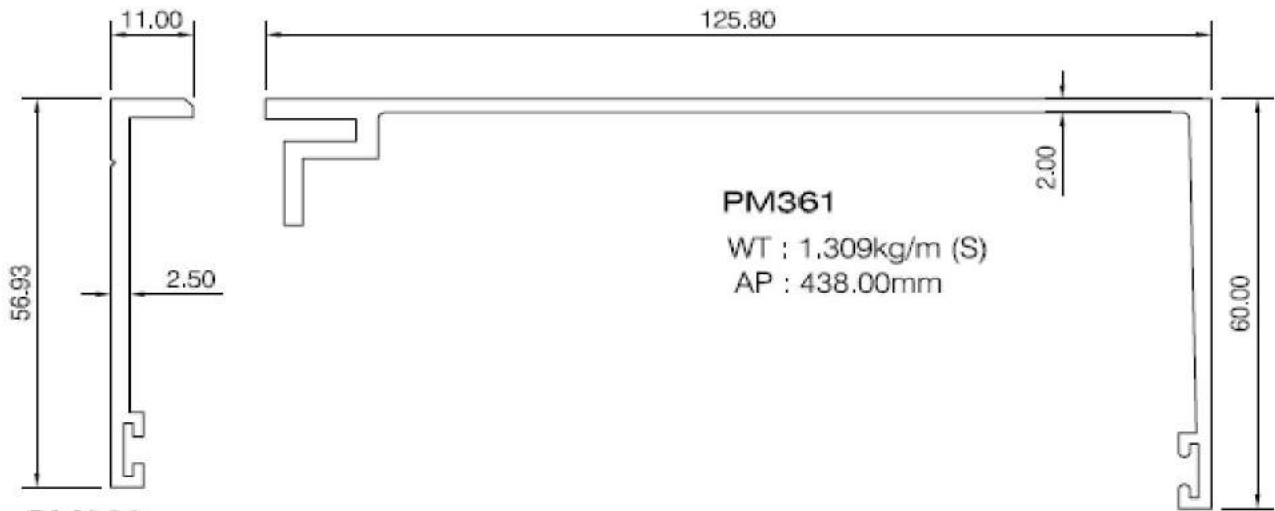
PM6911
 WT : 0.749 kg/m (H)
 AP : 196.75mm

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| | CURTAIN WALL | REF : PMWALLU2.1/5. |
| | PMWALL U2 | DATE : JAN 2015 |

CURTAIN WALL
TYPICAL ARRANGEMENT

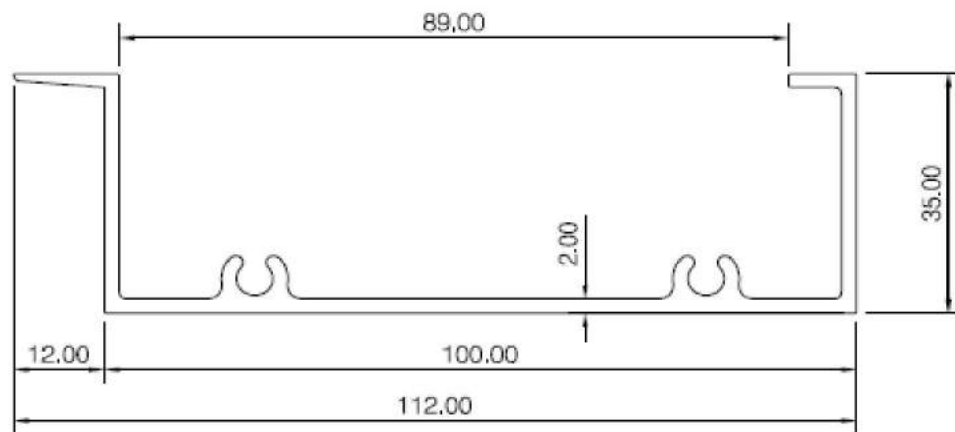


| | | |
|--|------------------|---------------------|
| | CURTAIN WALL | REF : PMWALLU2.2/5. |
| | PMWALL U2 | DATE : JAN 2015 |

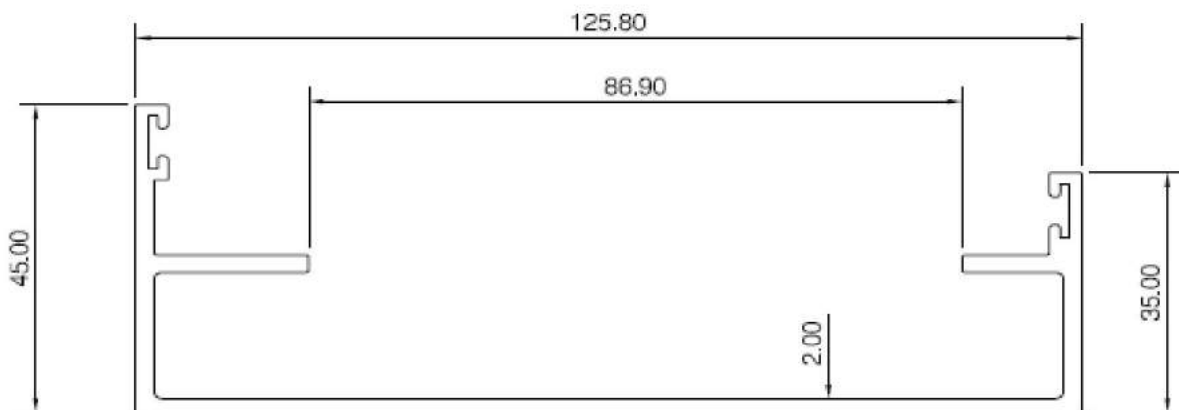


PM361
 WT : 1,309kg/m (S)
 AP : 438.00mm

PM362
 WT : 0,461 kg/m (S)
 AP : 151,00mm

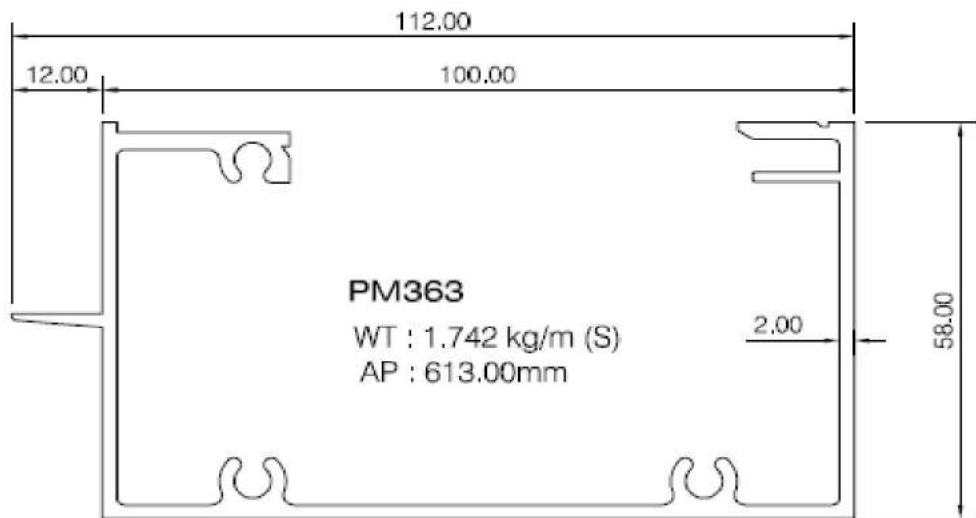
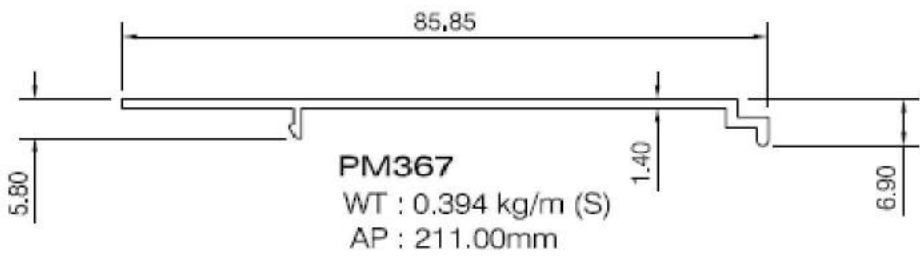
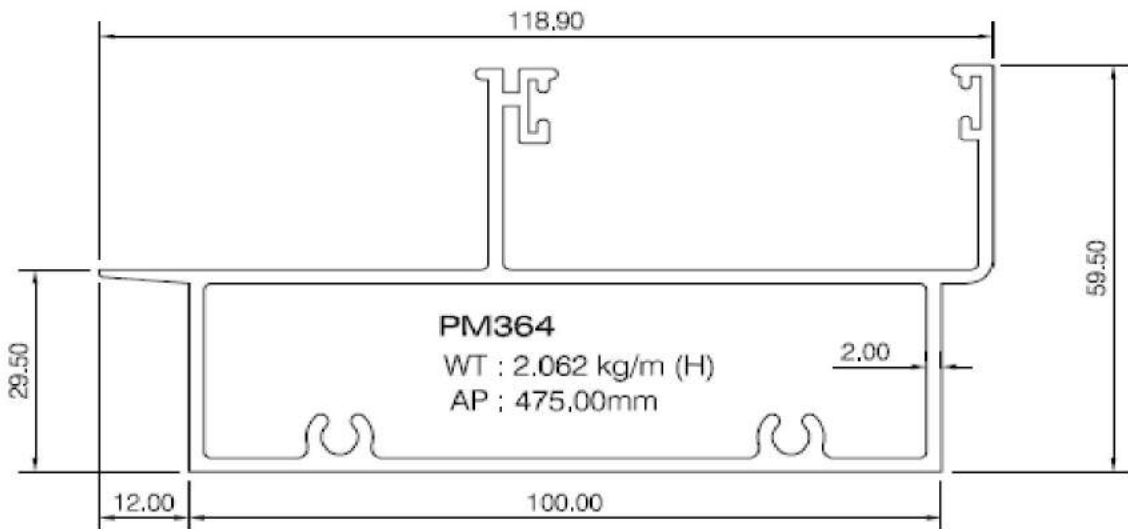
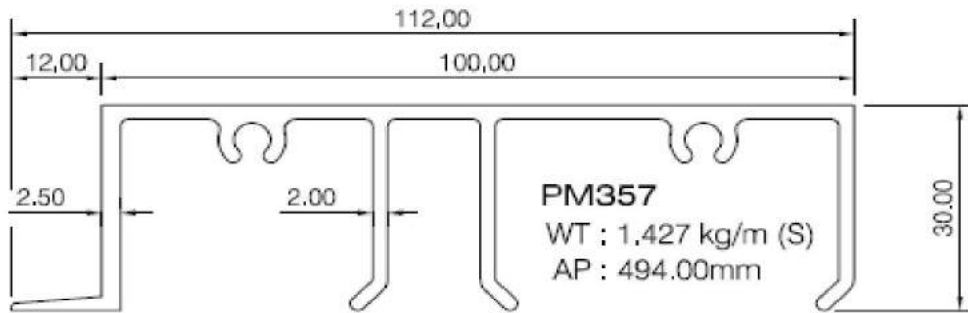


PM352
 WT : 1,155 kg/m (S)
 AP : 412.00mm

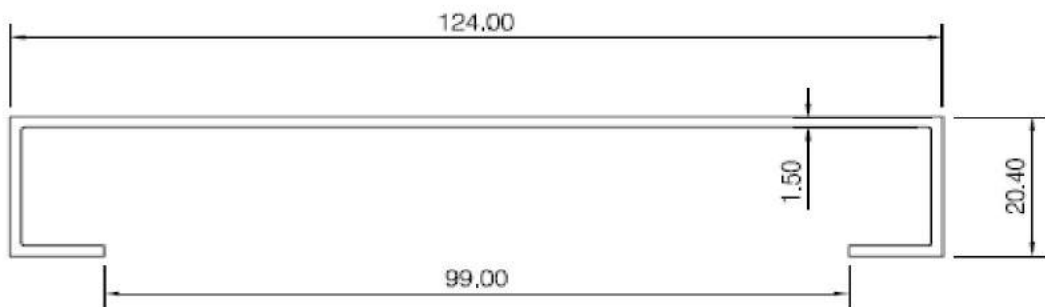
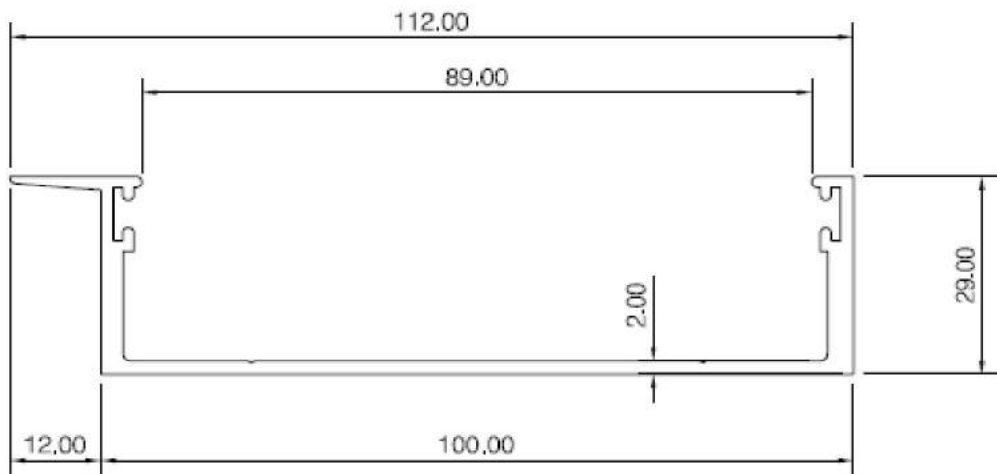
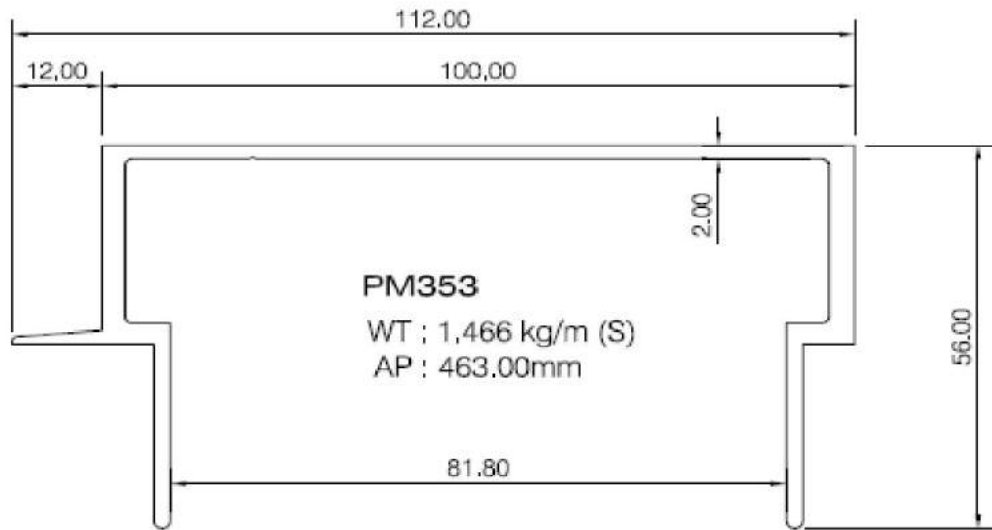


PM351
 WT : 1,462 kg/m (S)
 AP : 500.00mm

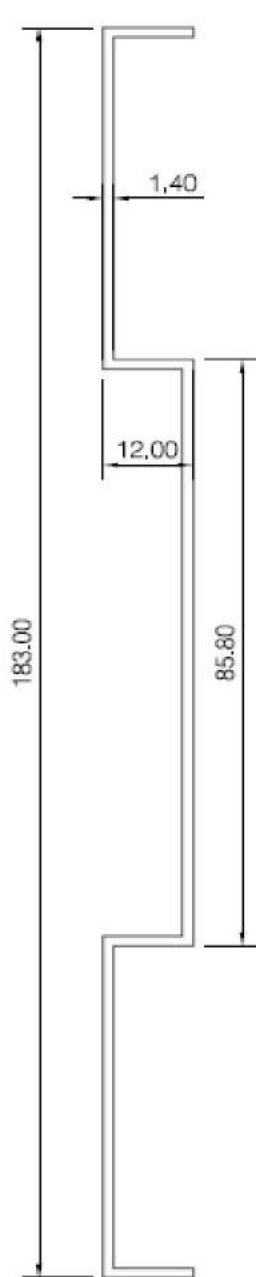
| | | |
|--|------------------|---------------------|
| | CURTAIN WALL | REF : PMWALLU2.3/5. |
| | PMWALL U2 | DATE : JAN 2015 |



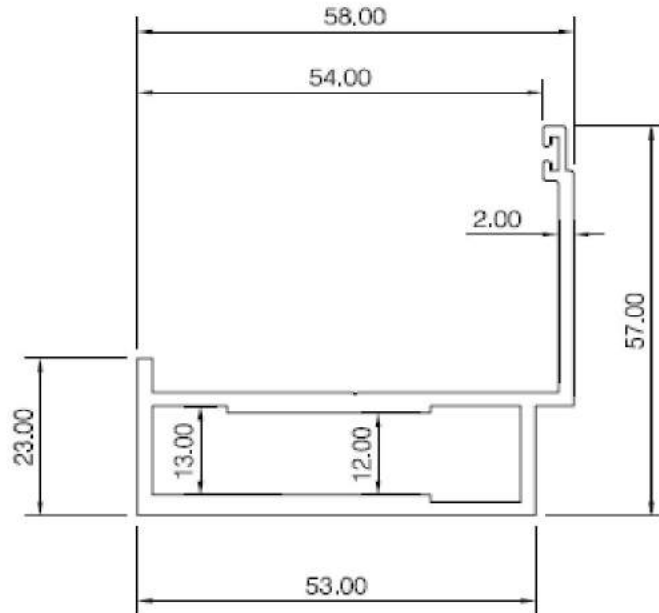
| | | |
|--|------------------|---------------------|
| | CURTAIN WALL | REF : PMWALLU2.4/5. |
| | PMWALL U2 | DATE : JAN 2015 |



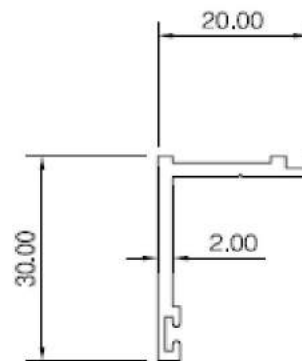
| | | |
|--|------------------|---------------------|
| | CURTAIN WALL | REF : PMWALLU2.5/5. |
| | PMWALL U2 | DATE : JAN 2015 |



PM358
 WT : 0.855 kg/m (S)
 AP : 452.00mm



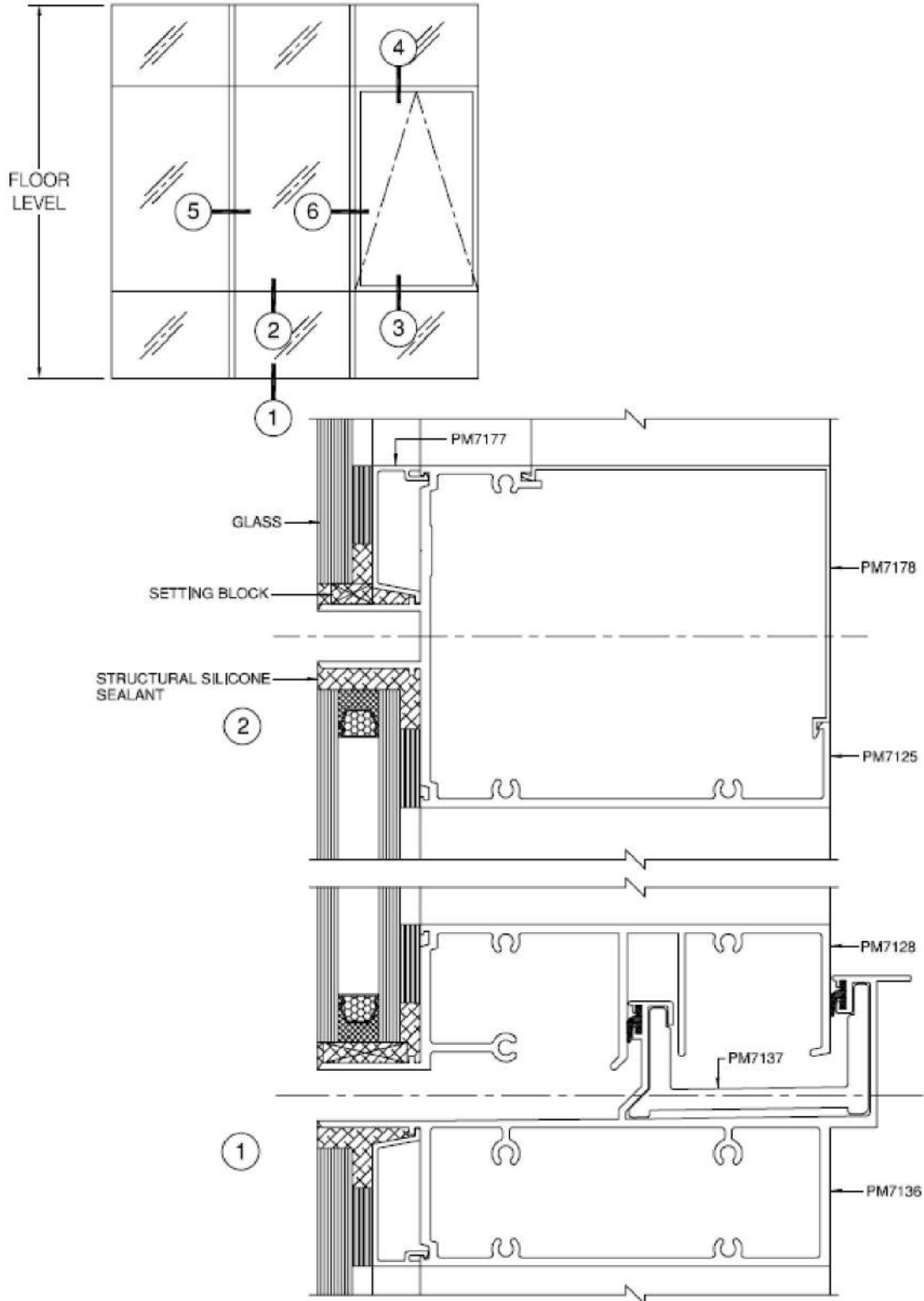
PM355
 WT : 1.171 kg/m (H)
 AP : 252.00mm



PM356
 WT : 0.261 kg/m (S)
 AP : 113.00mm

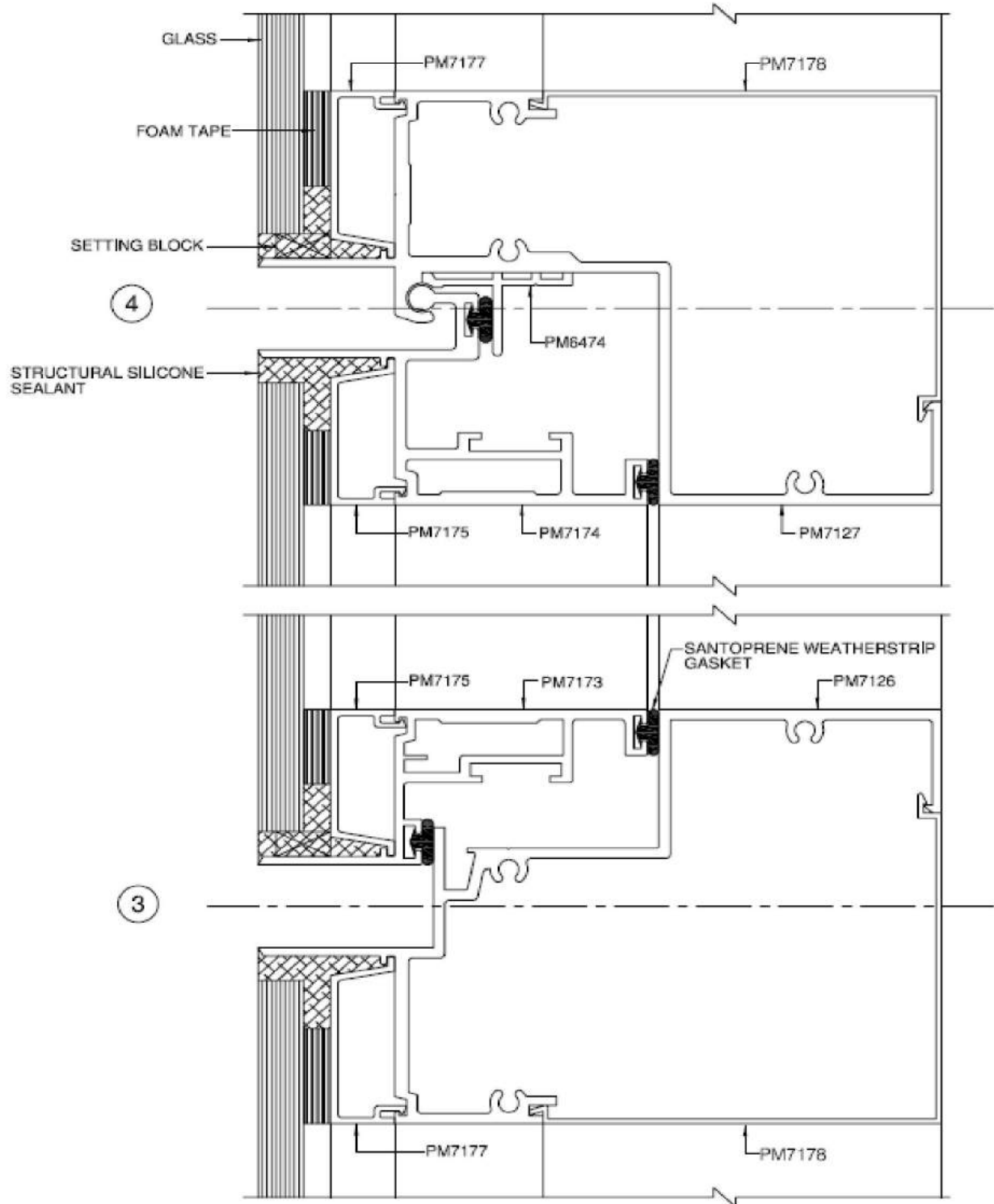
| | | |
|--|------------------|----------------------|
| | CURTAIN WALL | REF : PMWALLU3.1/14. |
| | PMWALL U3 | DATE : JAN 2015 |

CURTAIN WALL
TYPICAL ARRANGEMENT



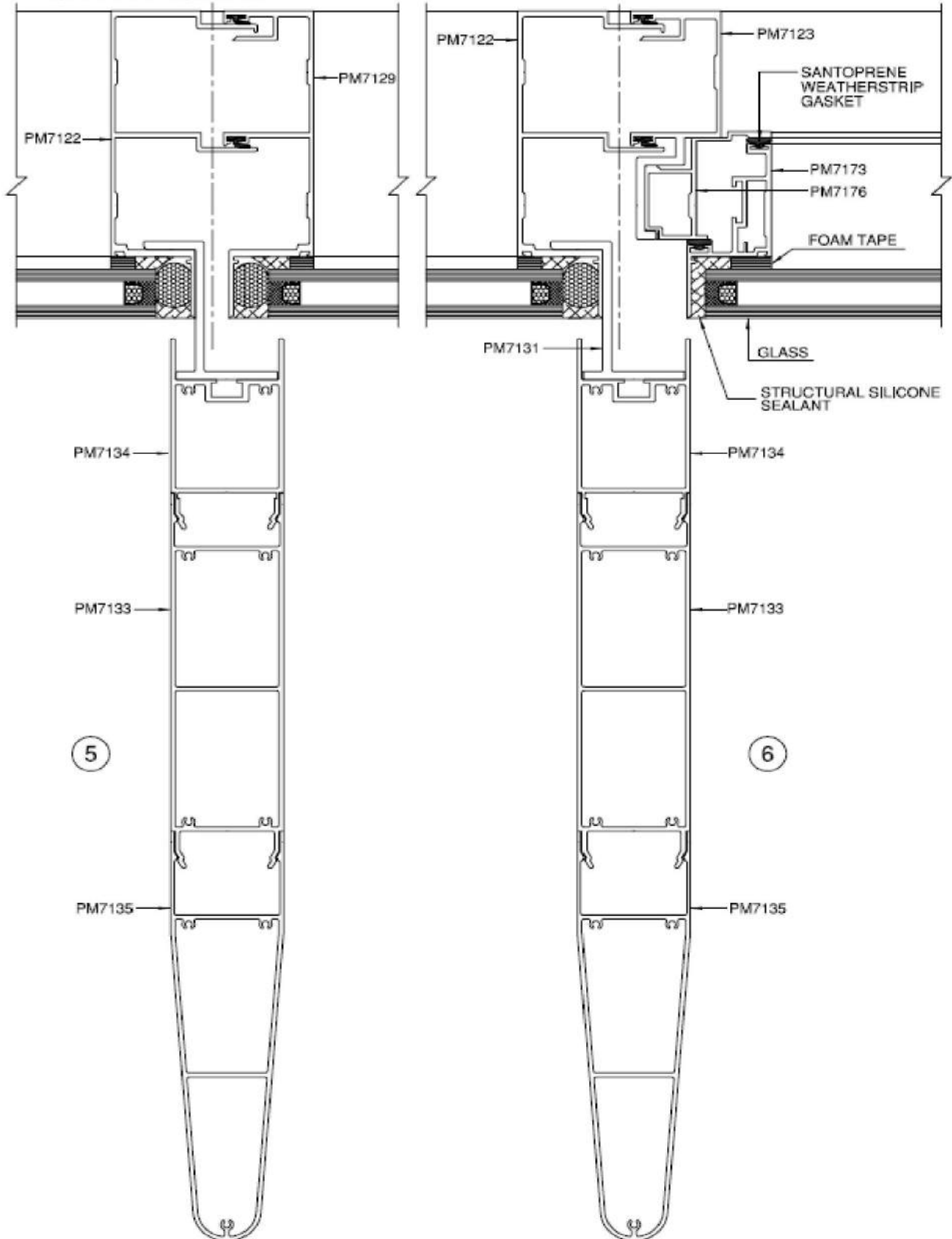
| | | |
|--|------------------|----------------------|
| | CURTAIN WALL | REF : PMWALLU3.2/14. |
| | PMWALL U3 | DATE : JAN 2015 |

CURTAIN WALL
TYPICAL ARRANGEMENT



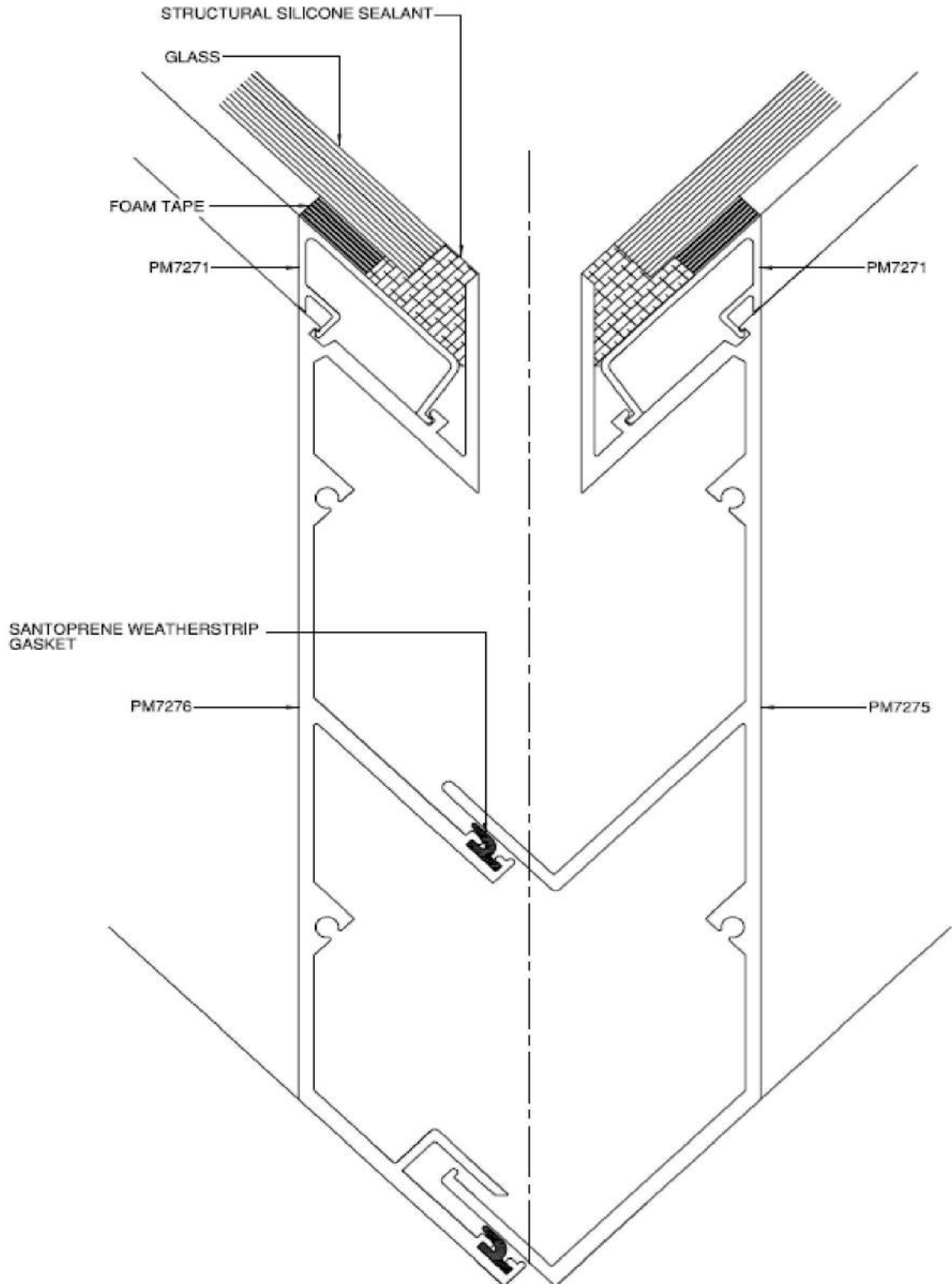
| | | |
|--|------------------|----------------------|
| | CURTAIN WALL | REF : PMWALLU3.3/14. |
| | PMWALL U3 | DATE : JAN 2015 |

CURTAIN WALL
TYPICAL ARRANGEMENT



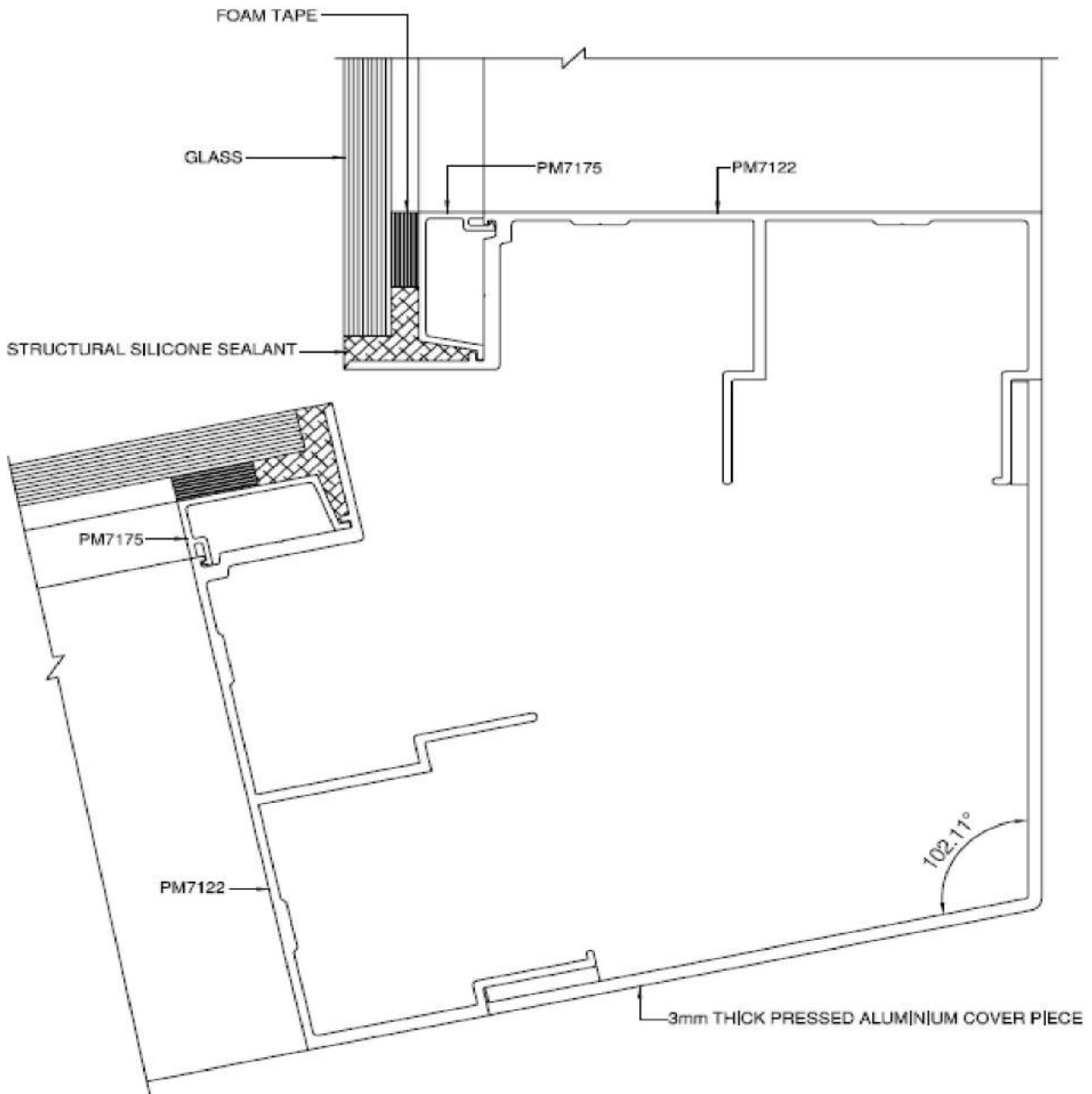
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| | CURTAIN WALL | REF : PMWALLU3.4/14. |
| | PMWALL U3 | DATE : JAN 2015 |

CURTAIN WALL
TYPICAL ARRANGEMENT

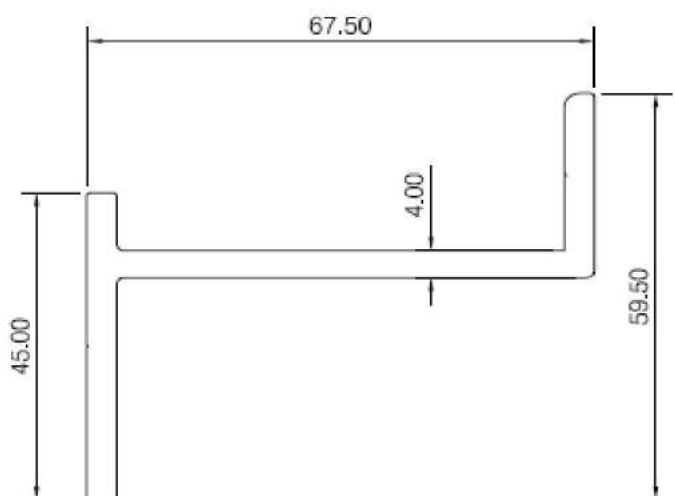
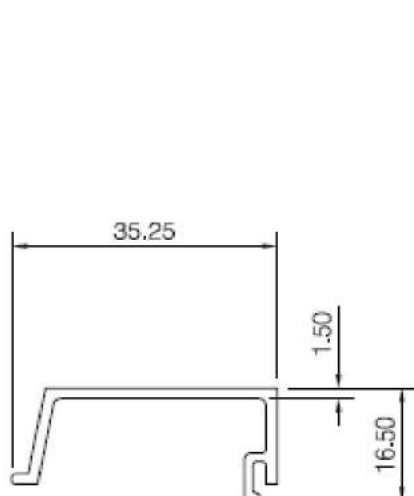
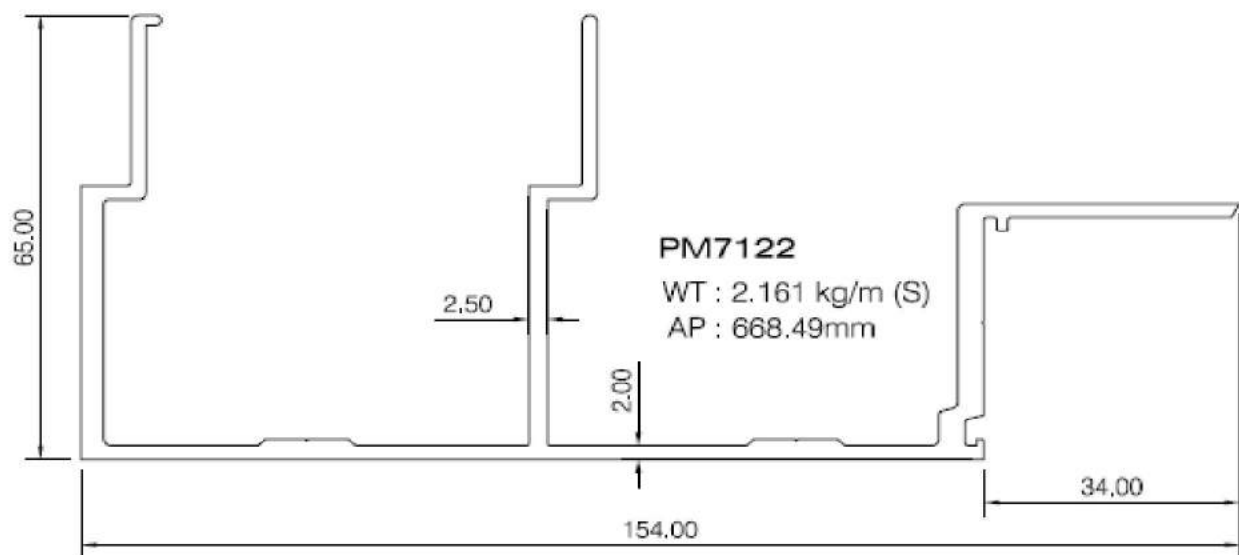
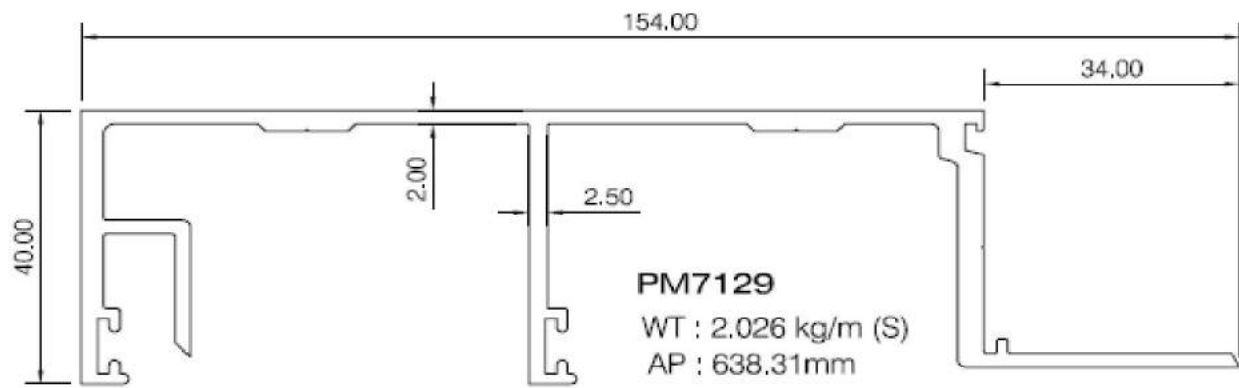


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| | CURTAIN WALL | REF : PMWALLU3.5/14. |
| | PMWALL U3 | DATE : JAN 2015 |

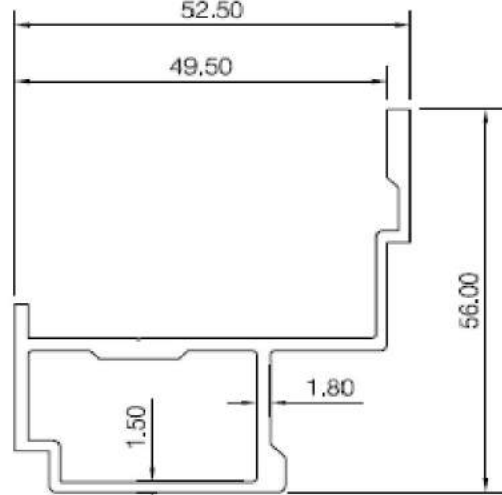
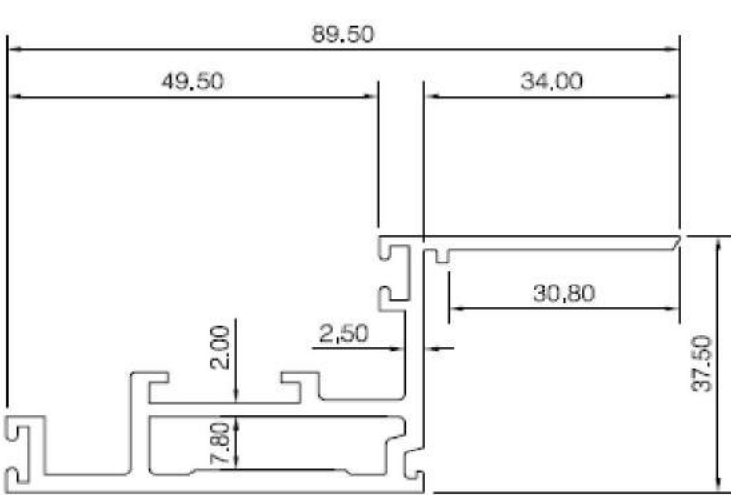
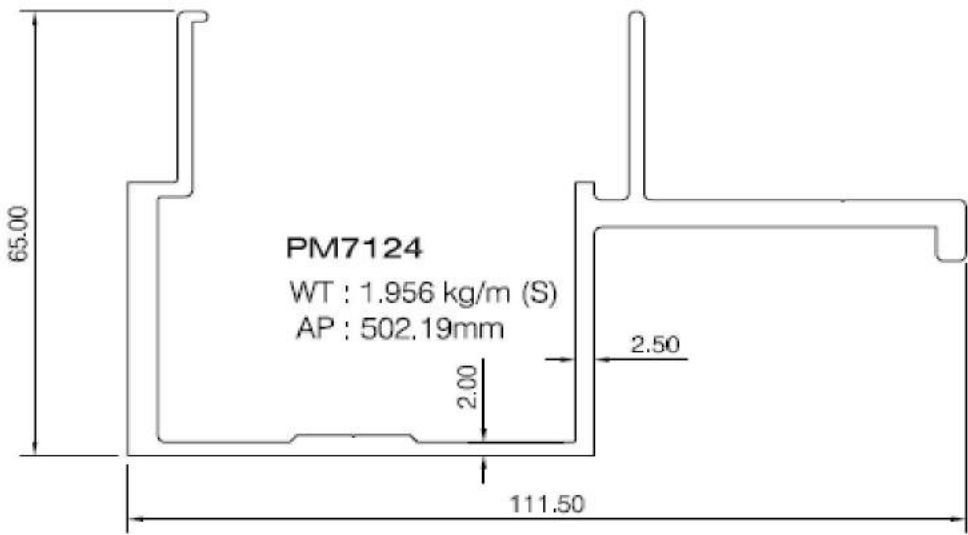
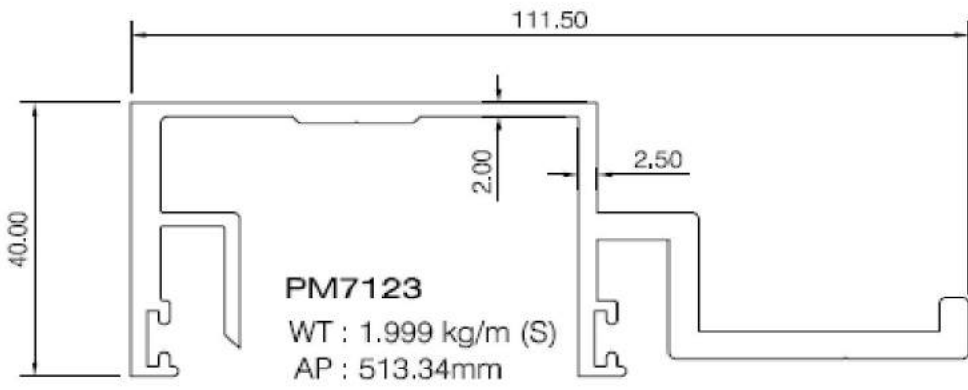
CURTAIN WALL
TYPICAL ARRANGEMENT



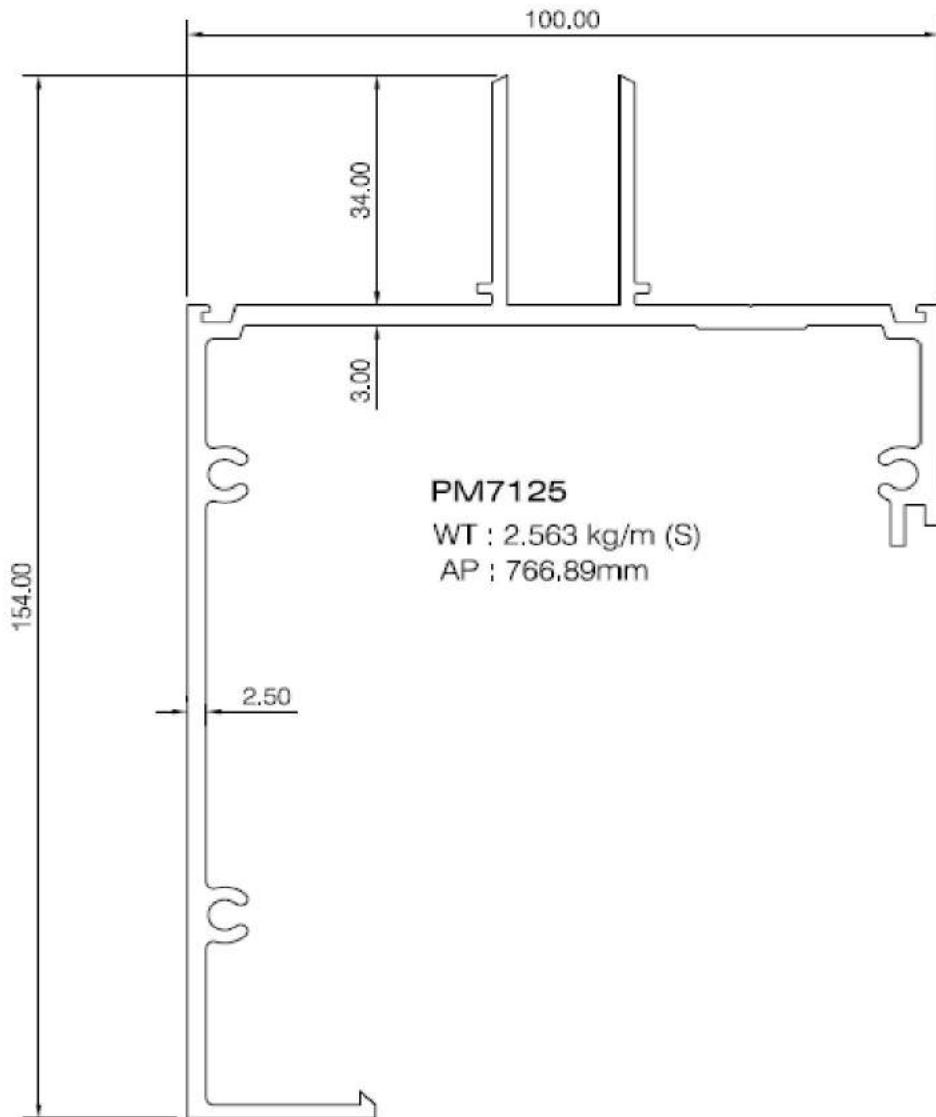
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| | CURTAIN WALL | REF : PMWALLU3.6/14. |
| | PMWALL U3 | DATE : JAN 2015 |



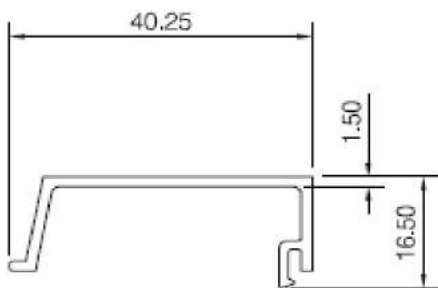
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| | CURTAIN WALL | REF : PMWALLU3.7/14. |
| | PMWALL U3 | DATE : JAN 2015 |



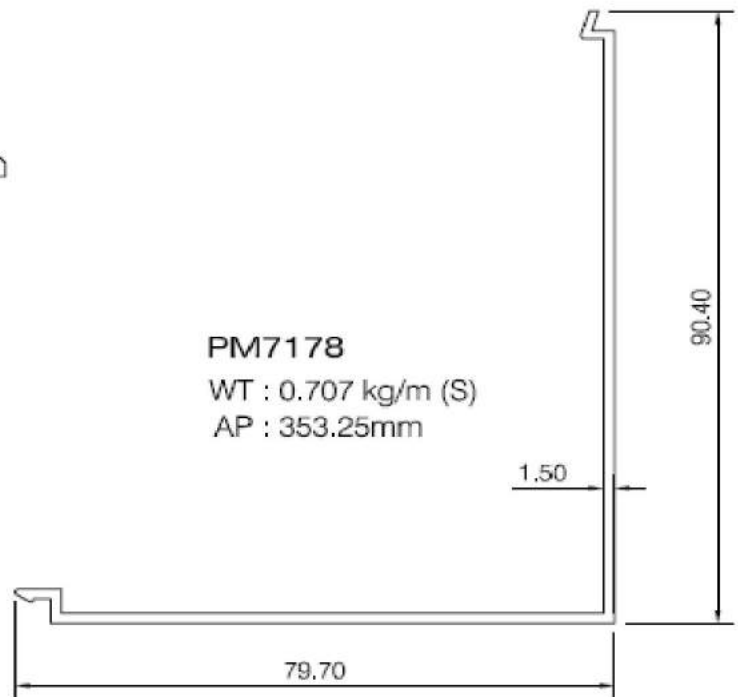
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| | CURTAIN WALL | REF : PMWALLU3.8/14. |
| | PMWALL U3 | DATE : JAN 2015 |



PM7125
 WT : 2.563 kg/m (S)
 AP : 766.89mm

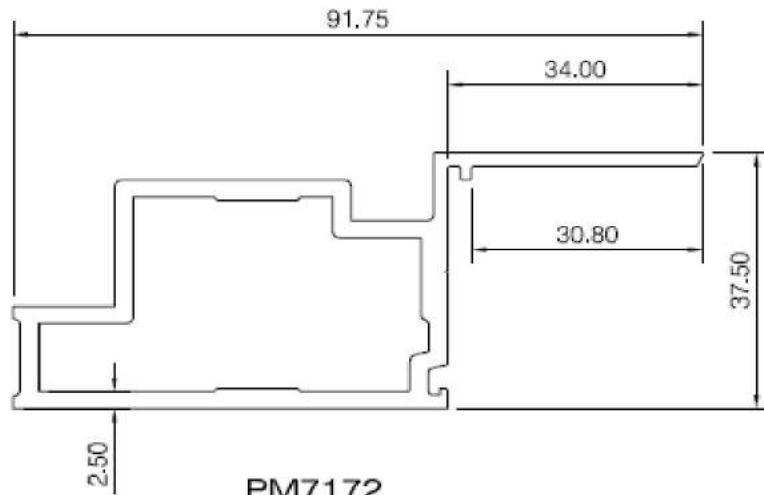


PM7177
 WT : 0.286 kg/m (S)
 AP : 145.08mm

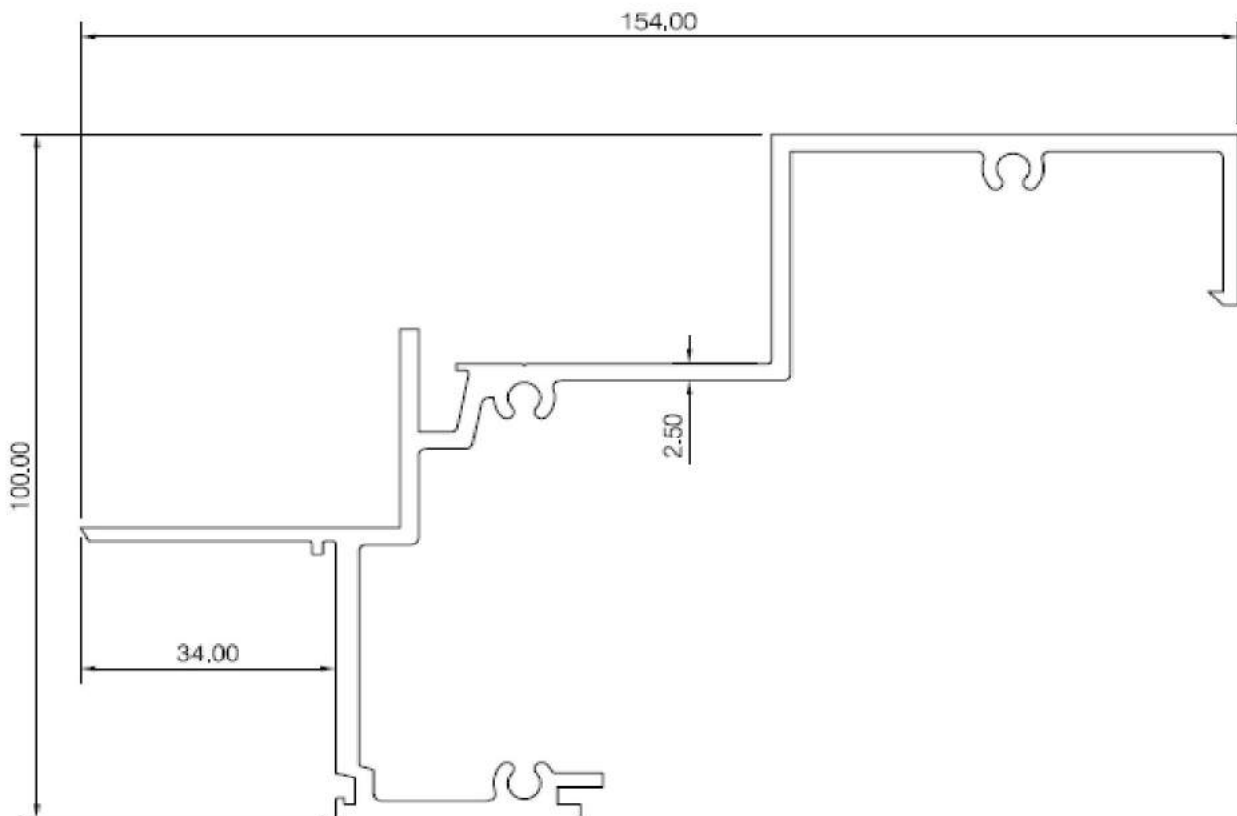


PM7178
 WT : 0.707 kg/m (S)
 AP : 353.25mm

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| | CURTAIN WALL | REF : PMWALLU3.9/14. |
| | PMWALL U3 | DATE : JAN 2015 |

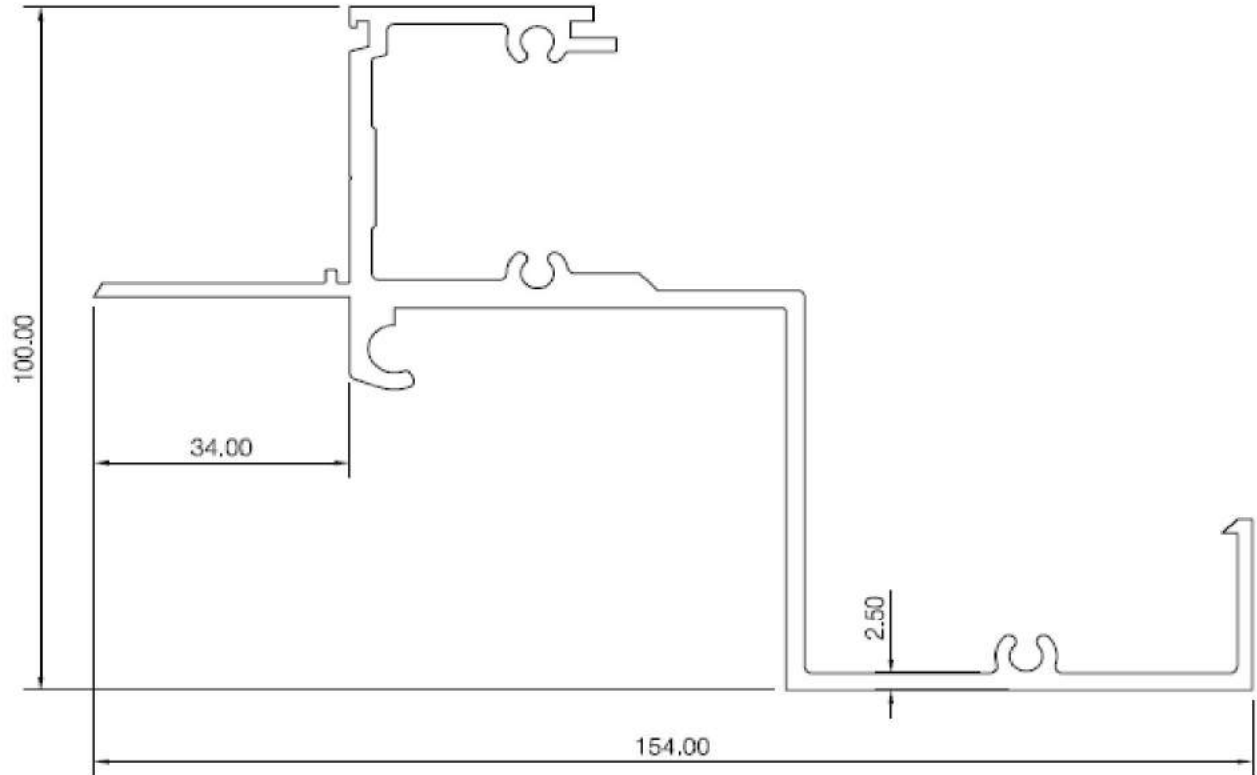


PM7172
 WT : 1.478 kg/m (H)
 AP : 278.97mm



PM7126
 WT : 2.379 kg/m (S)
 AP : 713,63mm

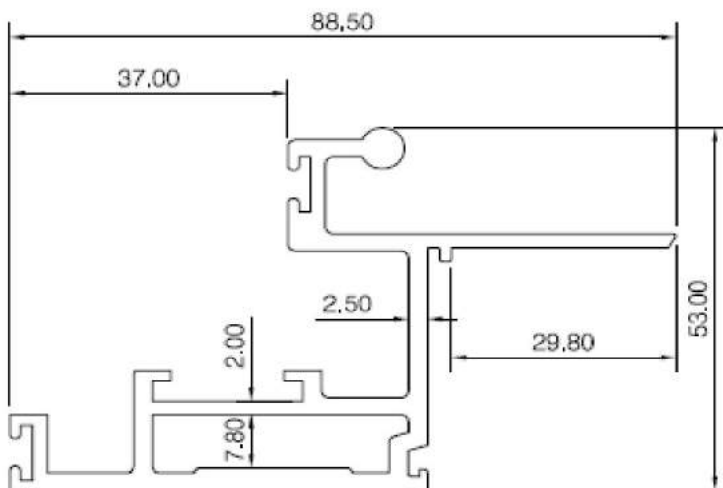
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| | CURTAIN WALL | REF : PMWALLU3.10/14. |
| | PMWALL U3 | DATE : JAN 2015 |



PM7127

WT : 2,592 kg/m (S)

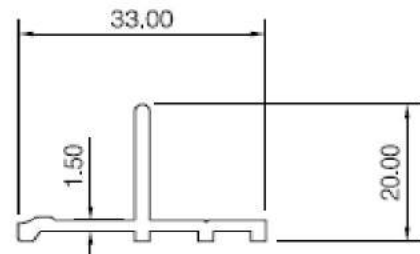
AP : 715.36mm



PM7174

WT : 1,623 kg/m (H)

AP : 409.13mm

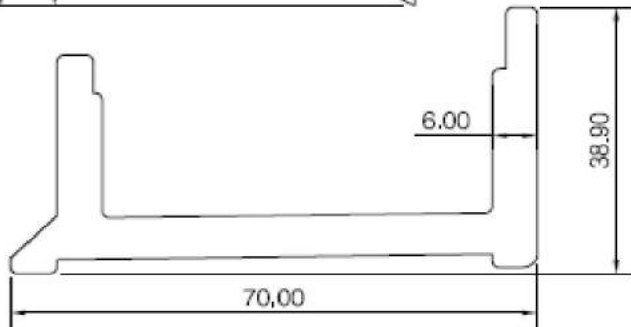
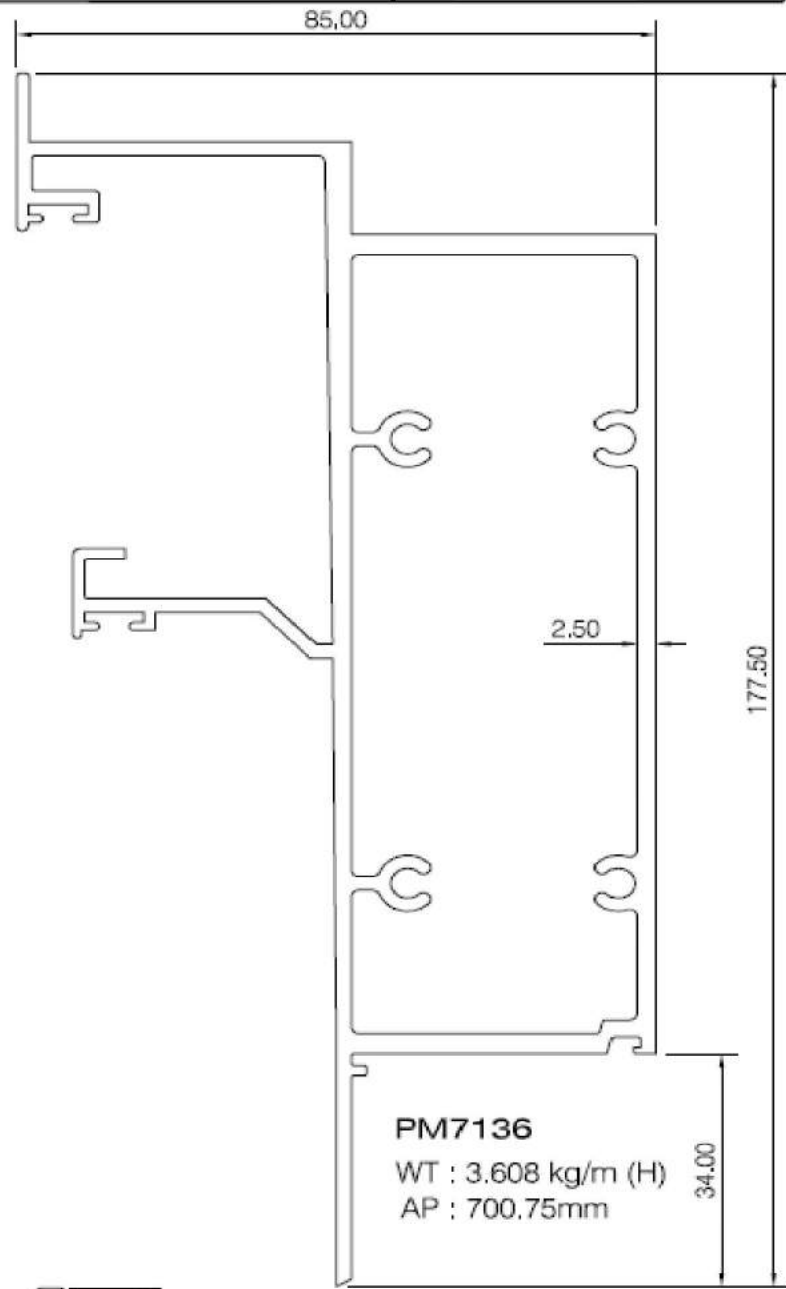
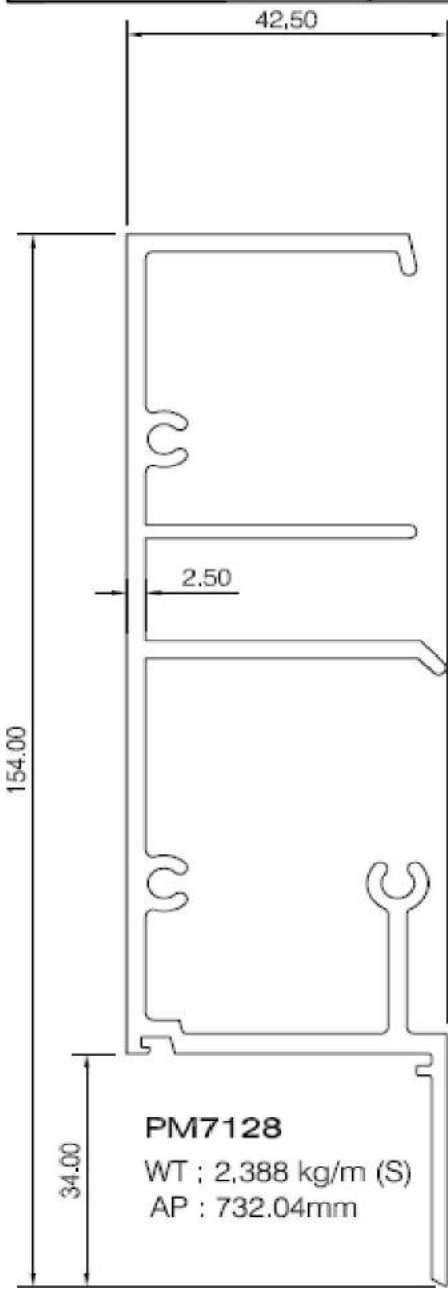


PM6474

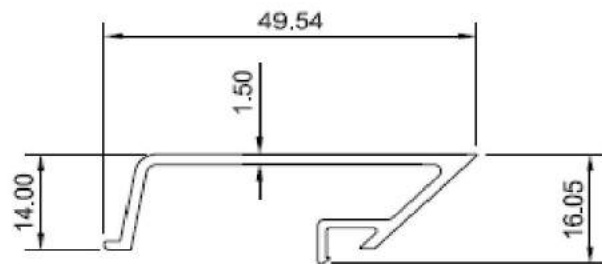
WT : 0,261 kg/m (S)

AP : 113.45mm

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| | CURTAIN WALL | REF : PMWALLU3.11/14. |
| | PMWALL U3 | DATE : JAN 2015 |

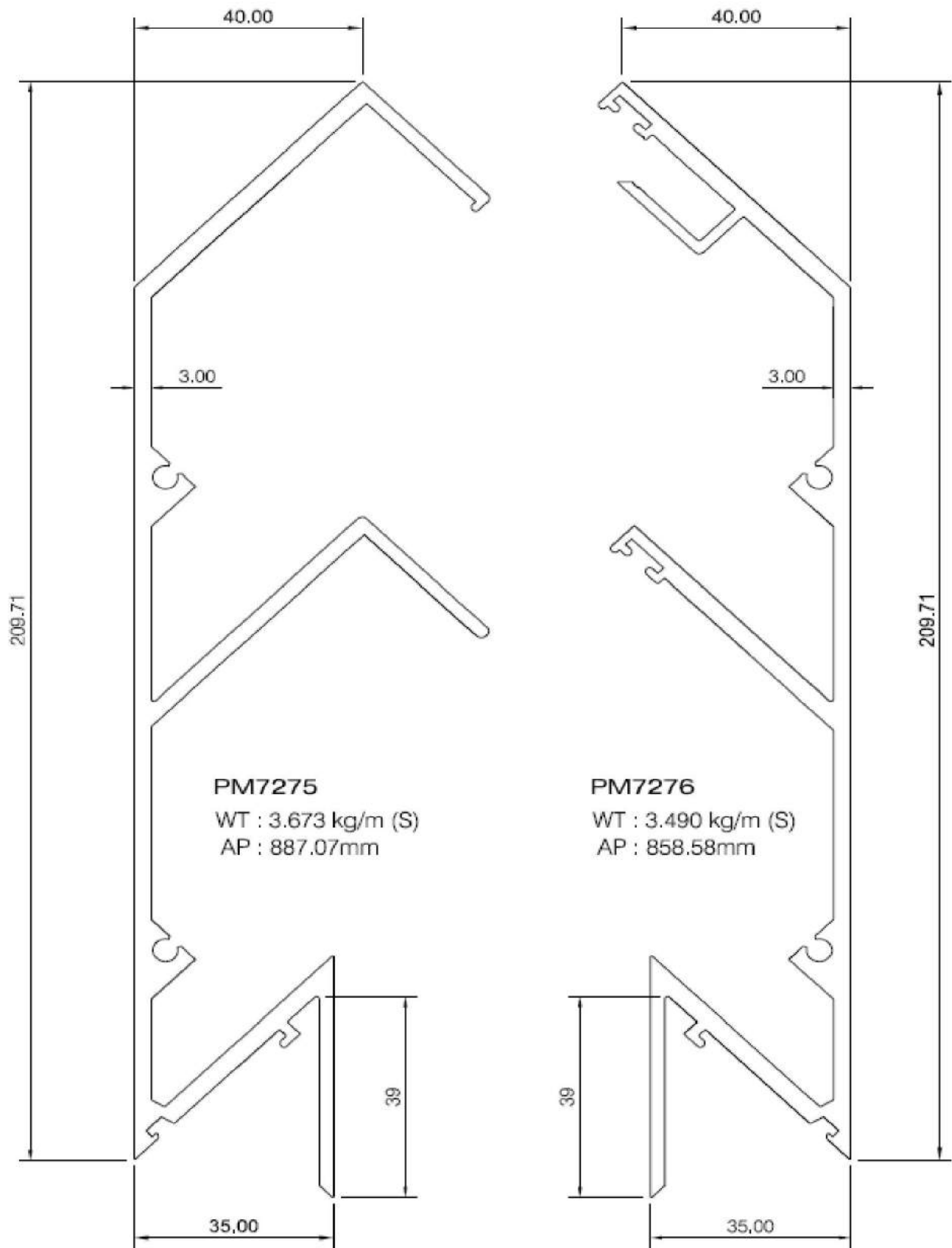


PM7137
WT : 1,969 kg/m (S)
AP : 258,75mm

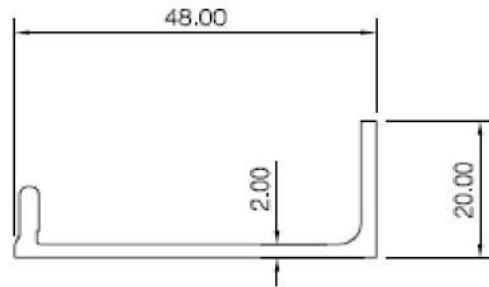
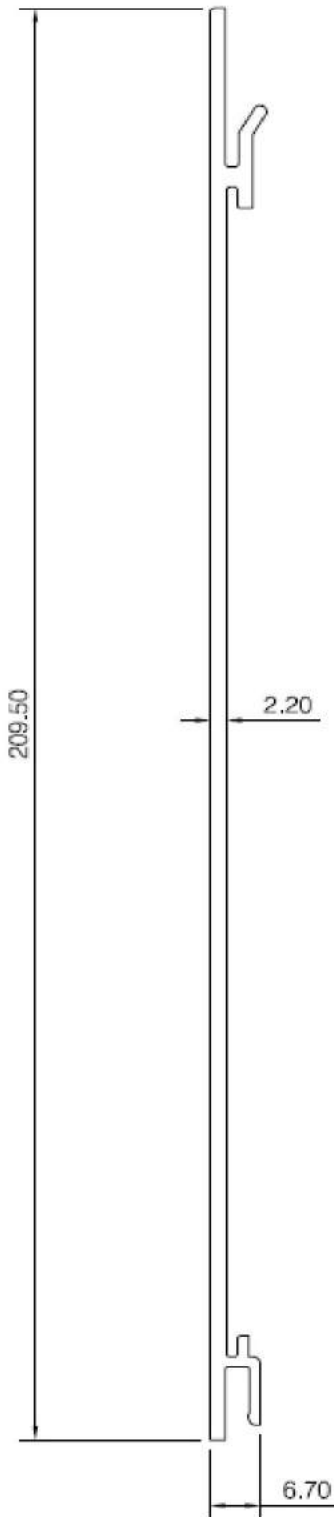


PM7271
WT : 0,358 kg/m (S)
AP : 178,98mm

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| | CURTAIN WALL | REF : PMWALLU3.12/14. |
| | PMWALL U3 | DATE : JAN 2015 |



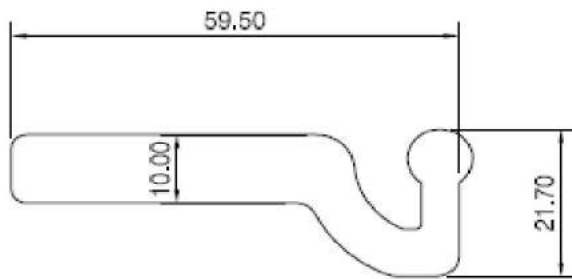
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| | CURTAIN WALL | REF : PMWALLU3.13/14. |
| | PMWALL U3 | DATE : JAN 2015 |



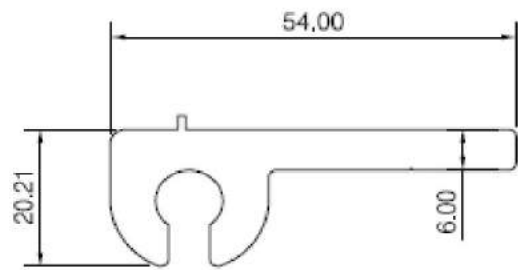
PM7132
 WT : 0.420 kg/m (S)
 AP : 150.51mm

PM7138
 WT : 1.383 kg/m (S)
 AP : 483.59mm

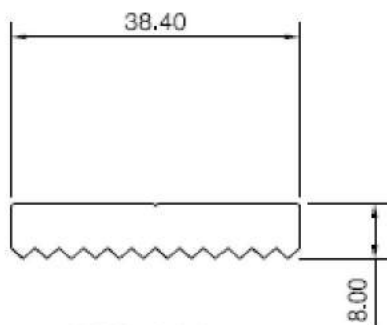
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| | CURTAIN WALL | REF : PMWALLU3.14/14. |
| | PMWALL U3 | DATE : JAN 2015 |



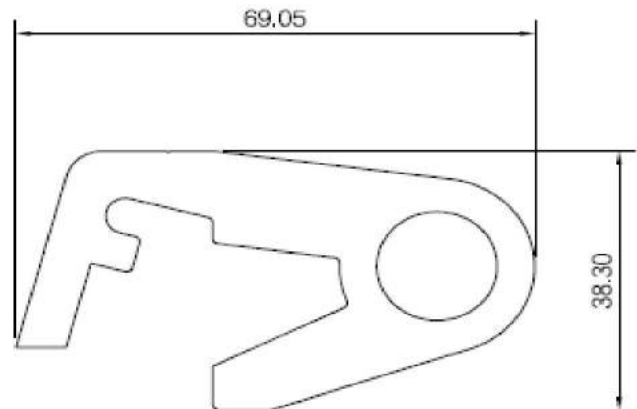
PM7170
 WT : 1.830 kg/m (S)
 AP : 175.49mm



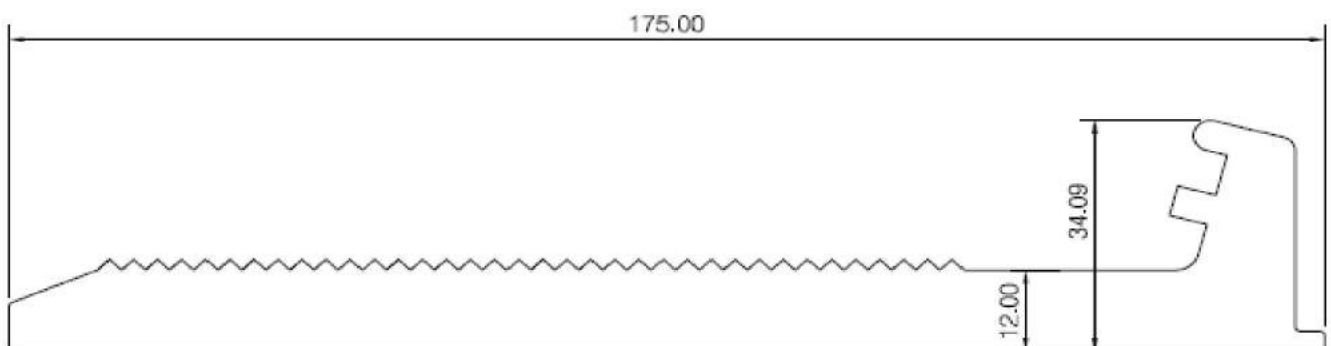
PM7171
 WT : 1.337 kg/m (S)
 AP : 170.99mm



PM7169
 WT : 0.749 kg/m (S)
 AP : 105.37mm



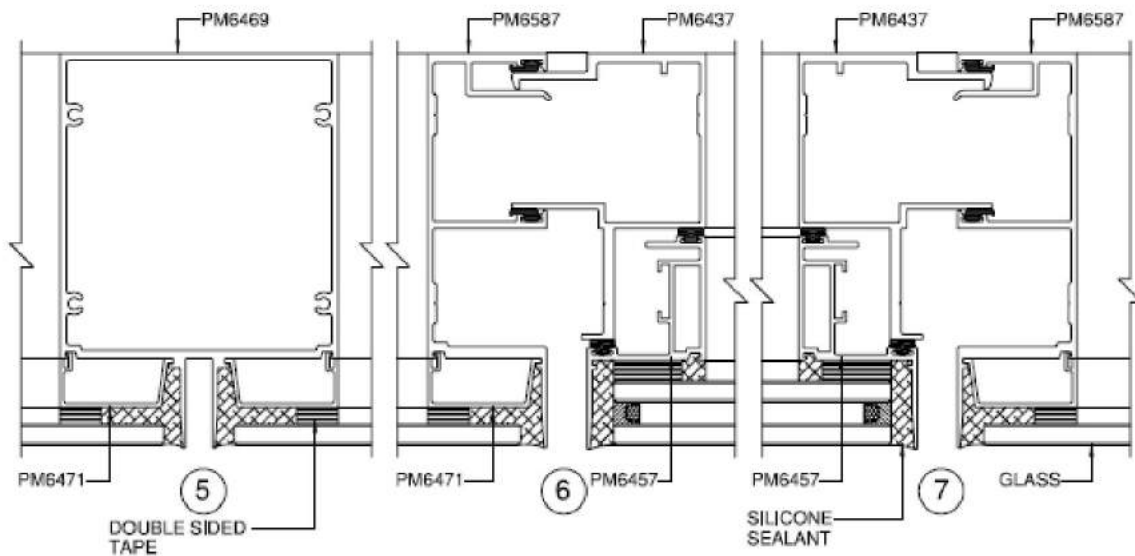
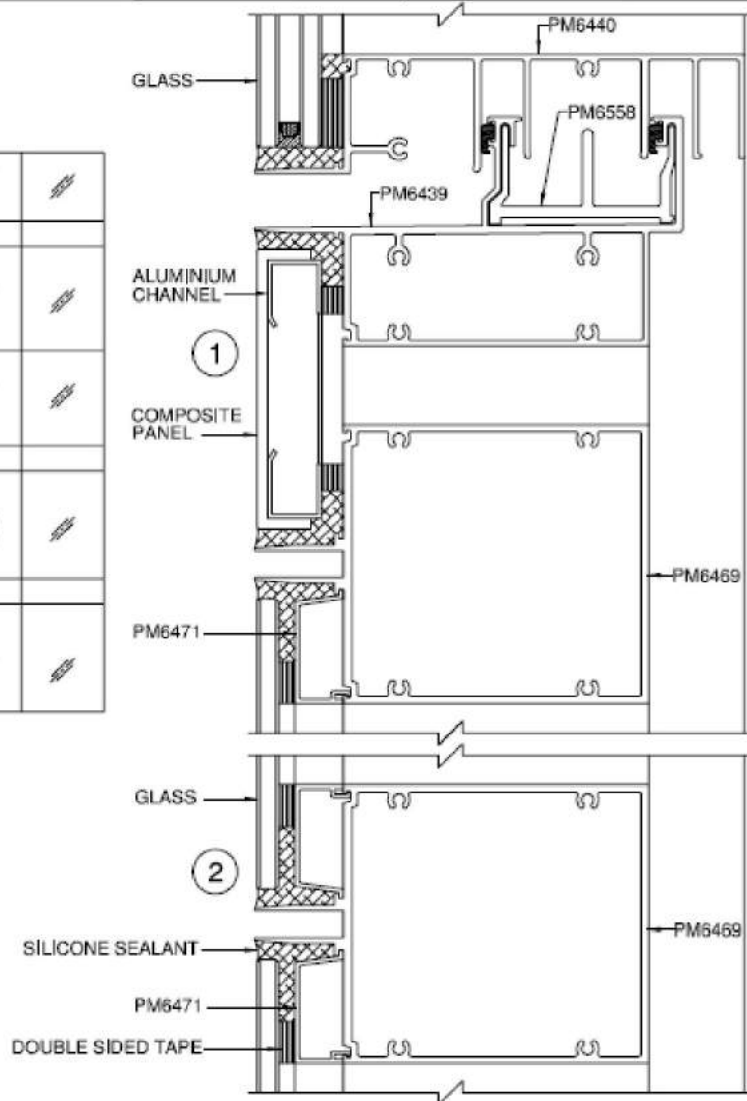
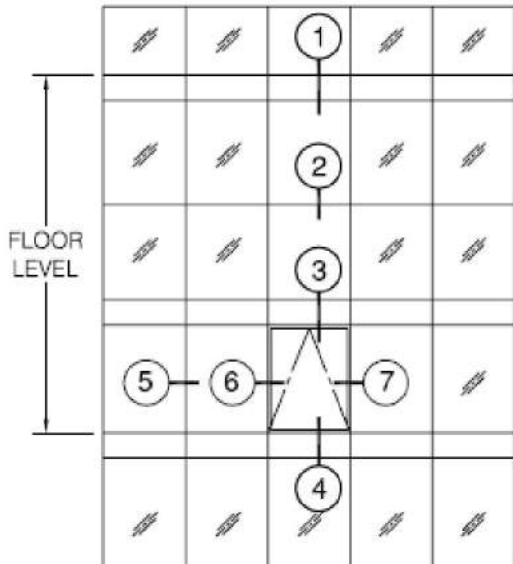
PM7207
 WT : 3.181 kg/m (H)
 AP : 255.00mm



PM7168
 WT : 6.476 kg/m (S)
 AP : 469.85mm

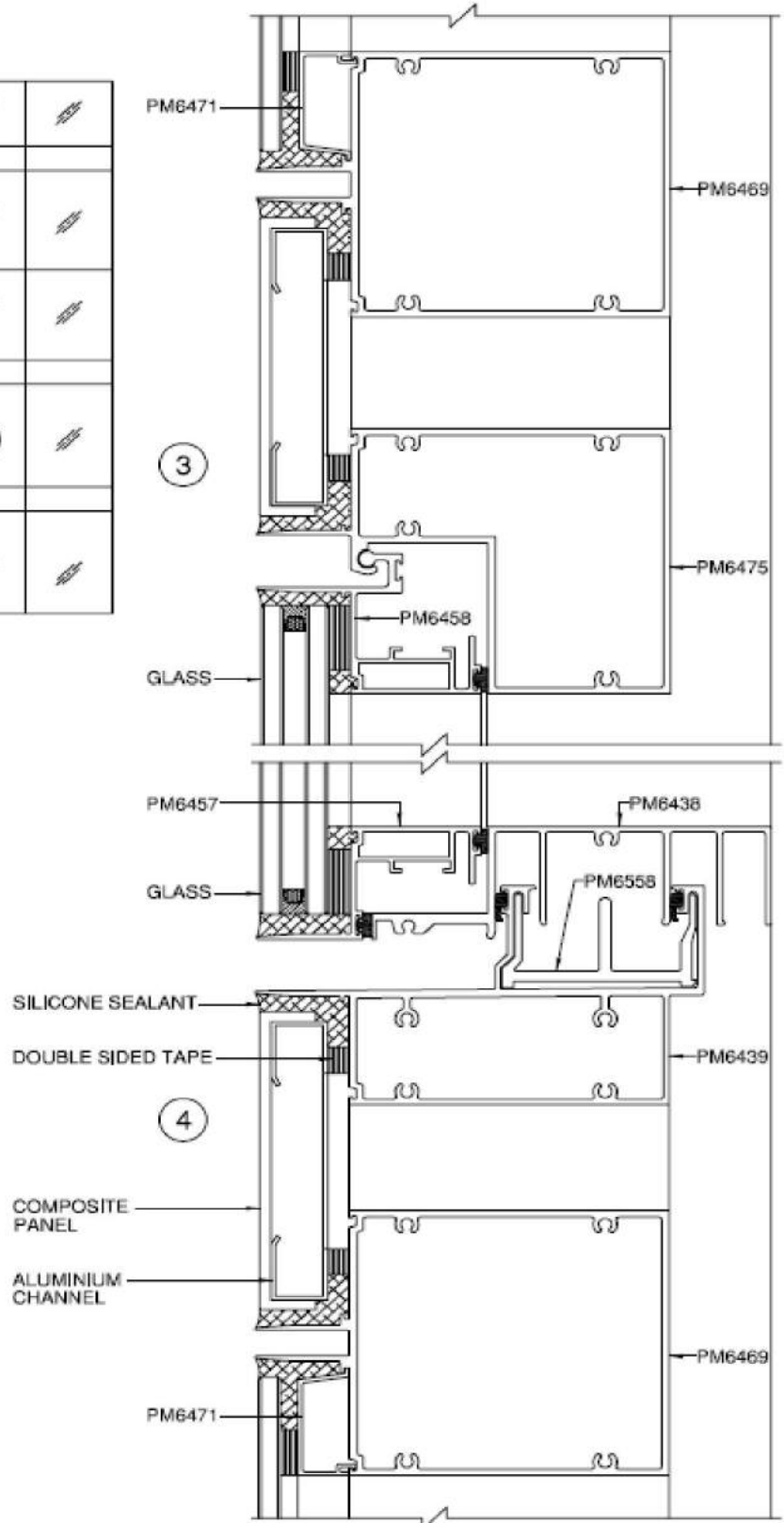
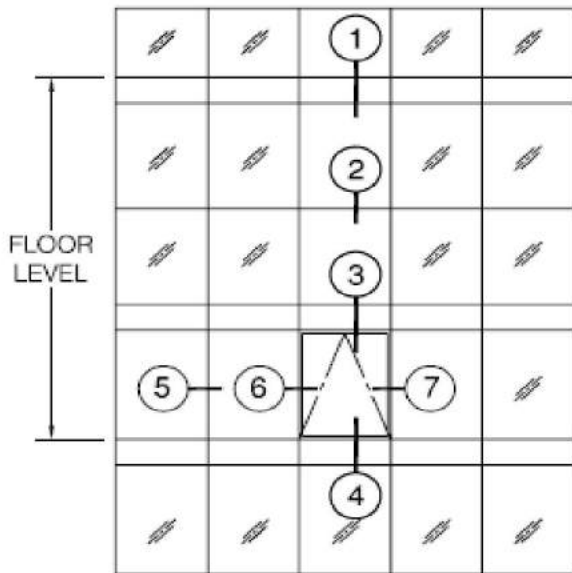
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| | CURTAIN WALL | REF : PMWALLU4.1/8. |
| | PMWALL U4 | DATE : JAN 2015 |

CURTAIN WALL
TYPICAL ARRANGEMENT

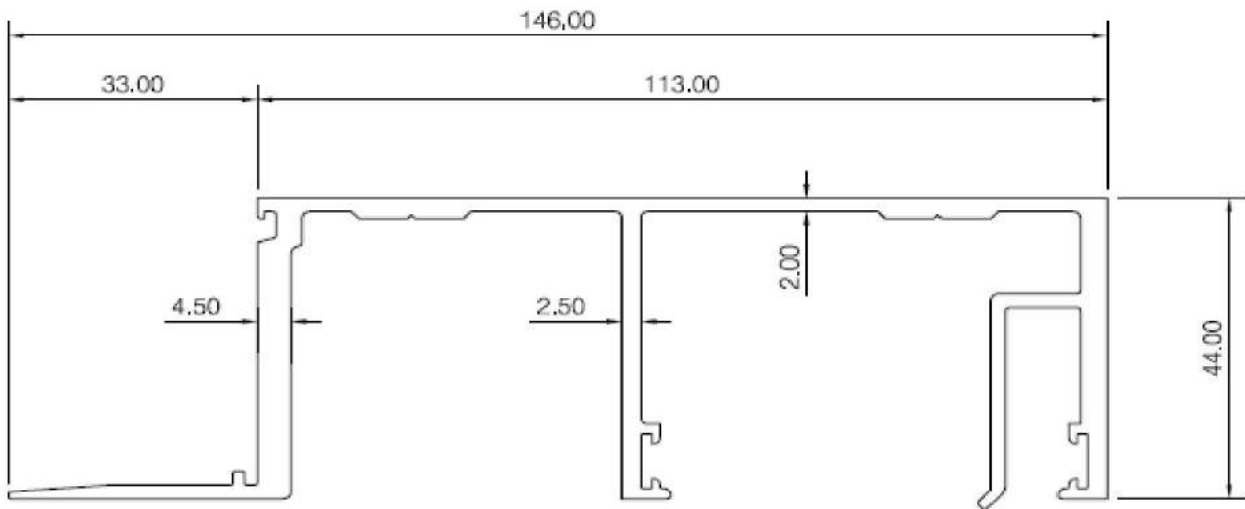


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| | CURTAIN WALL | REF : PMWALLU4.2/8. |
| | PMWALL U4 | DATE : JAN 2015 |

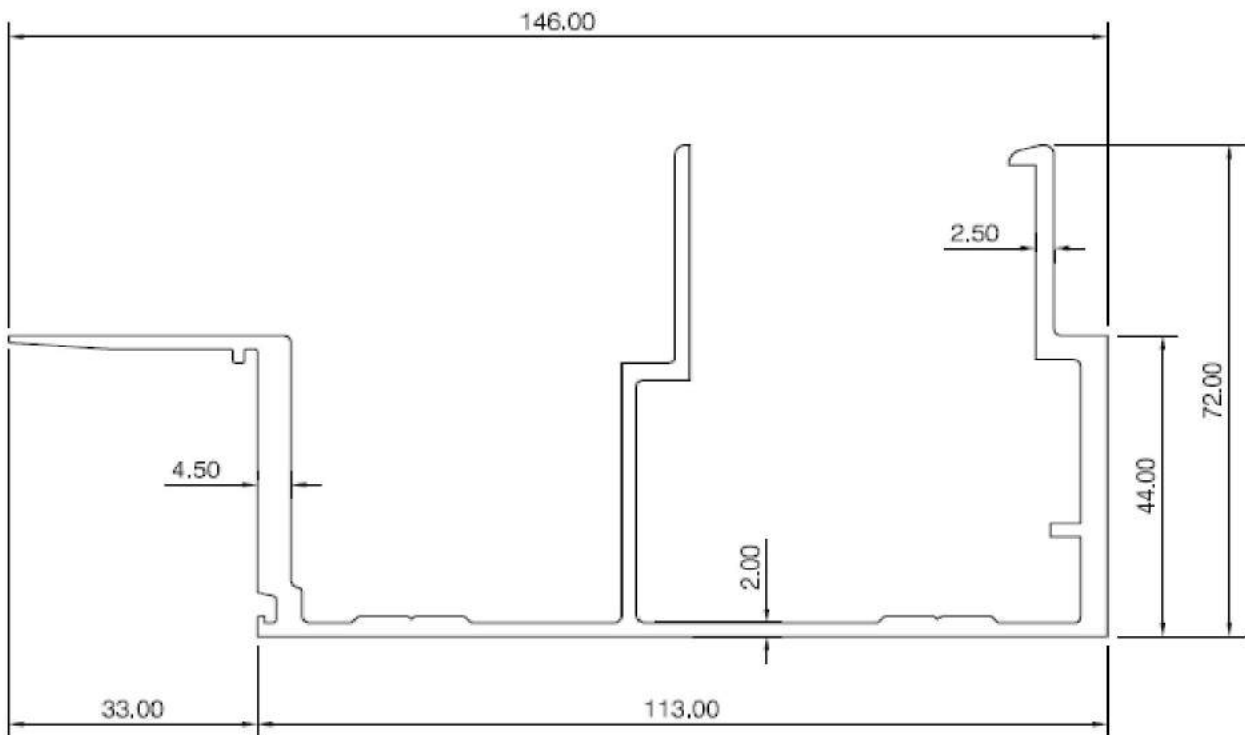
CURTAIN WALL
TYPICAL ARRANGEMENT



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| | CURTAIN WALL | REF : PMWALLU4.3/8. |
| | PMWALL U4 | DATE : JAN 2015 |

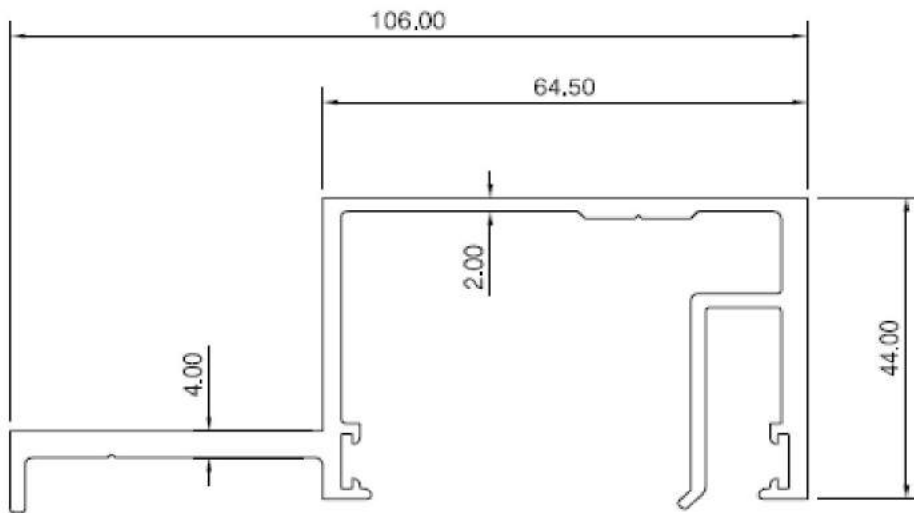


PM6587
WT : 2.312 kg/m (S)
AP : 669.77mm

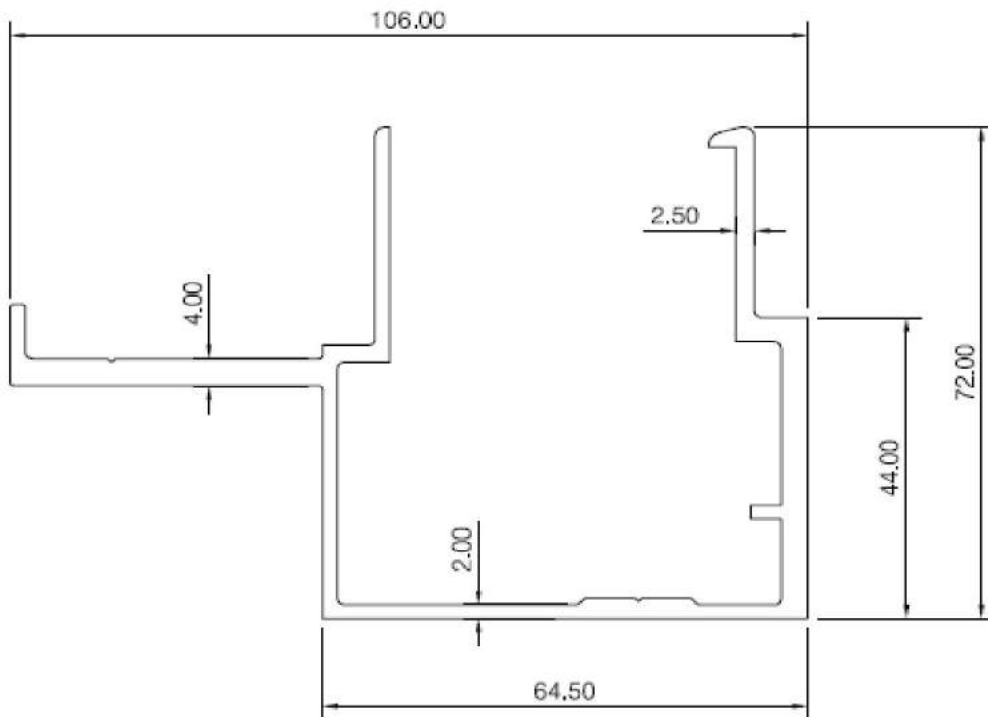


PM6434
WT : 2.484 kg/m (S)
AP : 704.76mm

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| | CURTAIN WALL | REF : PMWALLU4.4/8. |
| | PMWALL U4 | DATE : JAN 2015 |

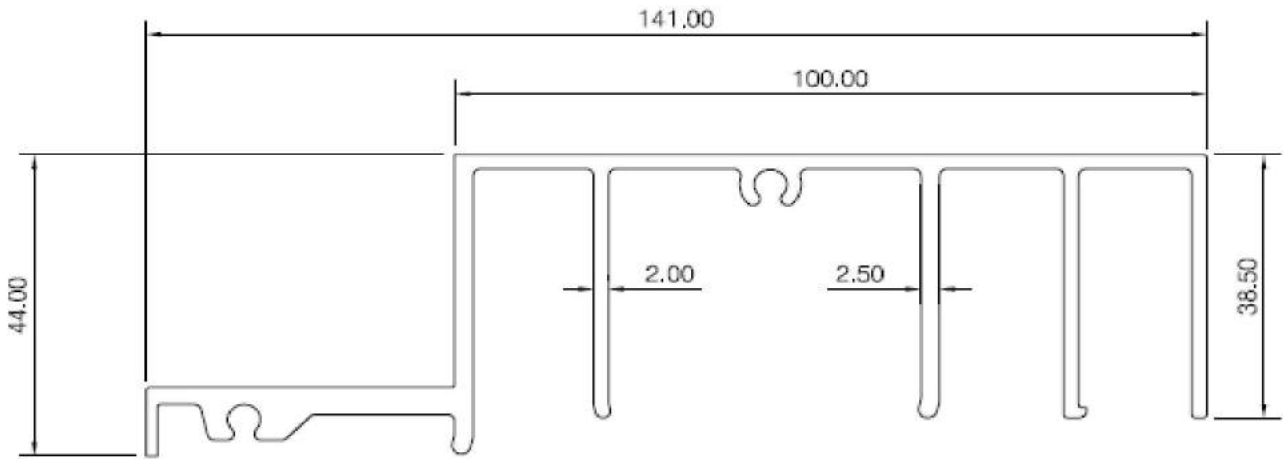


PM658
 WT : 1.827 kg/m (S)
 AP : 513.40mm



PM6437
 WT : 1.997 kg/m (S)
 AP : 548.11mm

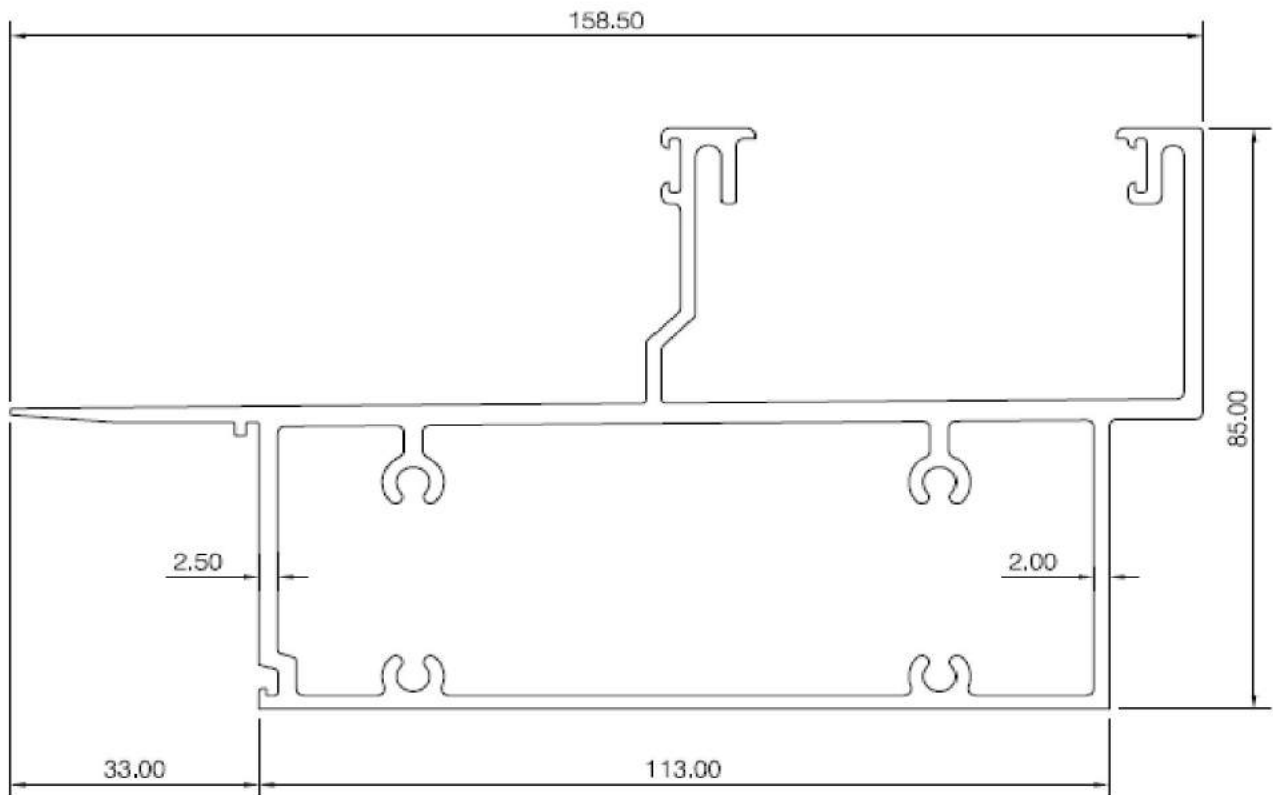
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| | CURTAIN WALL | REF : PMWALLU4.5/8. |
| | PMWALL U4 | DATE : JAN 2015 |



PM6438

WT : 2,254 kg/m (S)

AP : 701.36mm

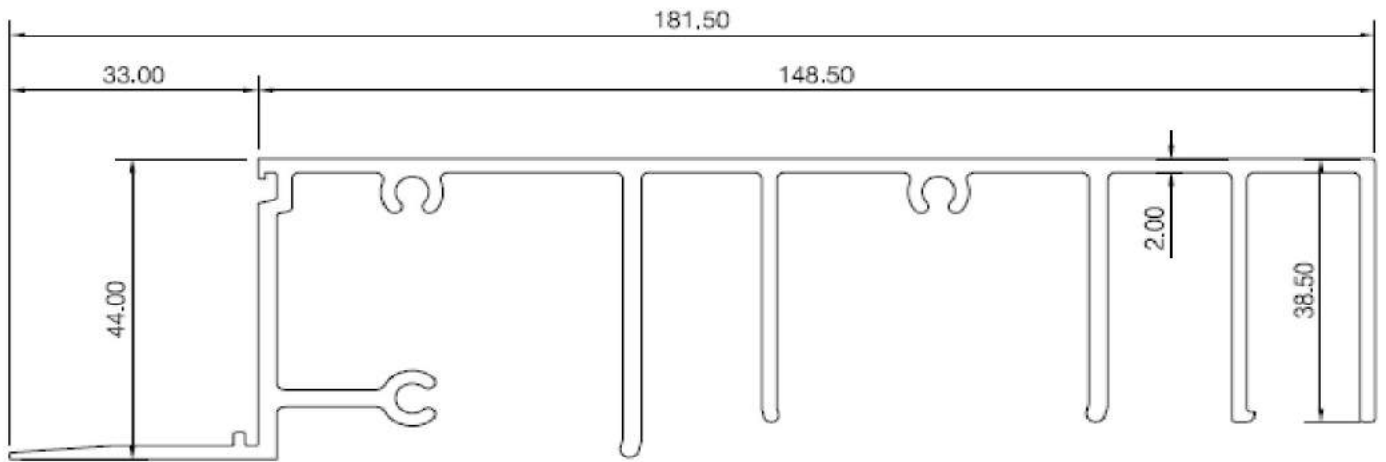


PM6439

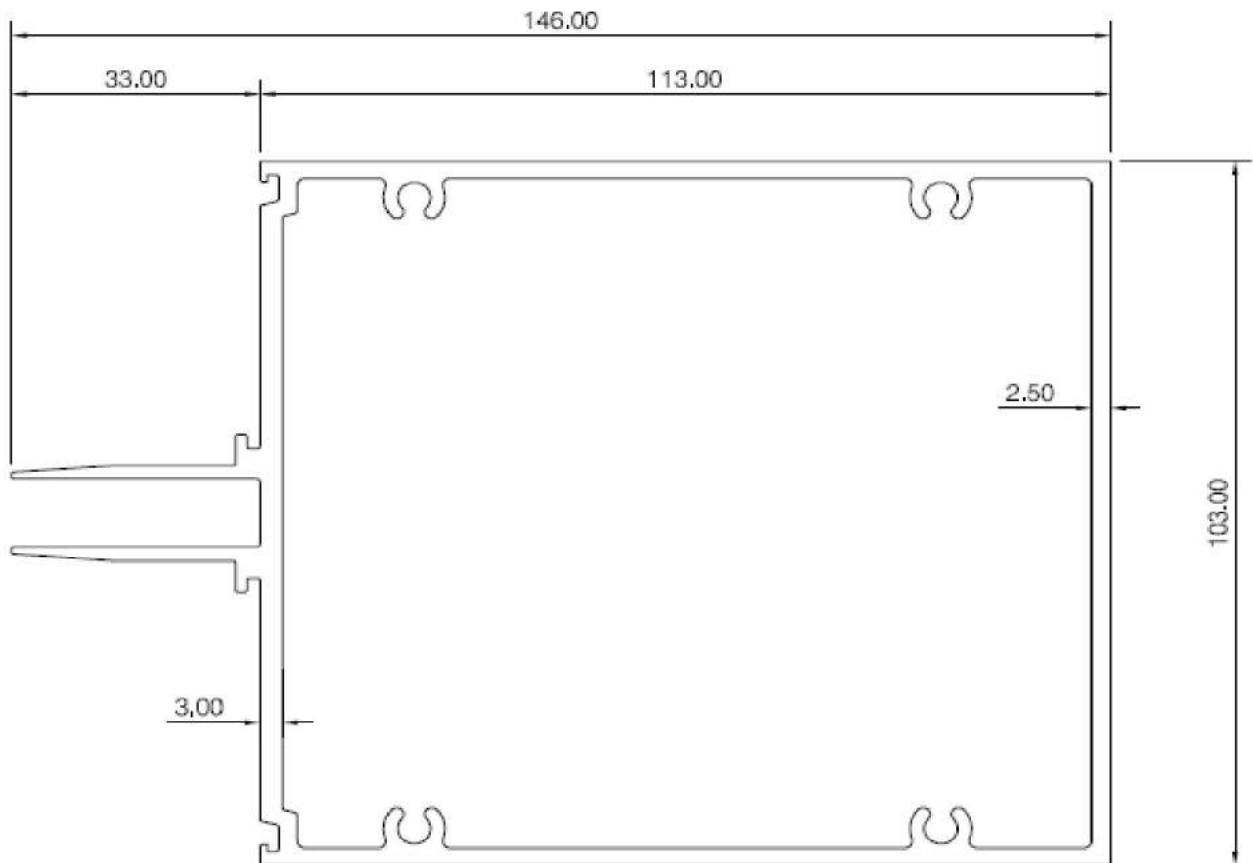
WT : 3.426 kg/m (H)

AP : 660,68mm

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| | CURTAIN WALL | REF : PMWALLU4.6/8. |
| | PMWALL U4 | DATE : JAN 2015 |

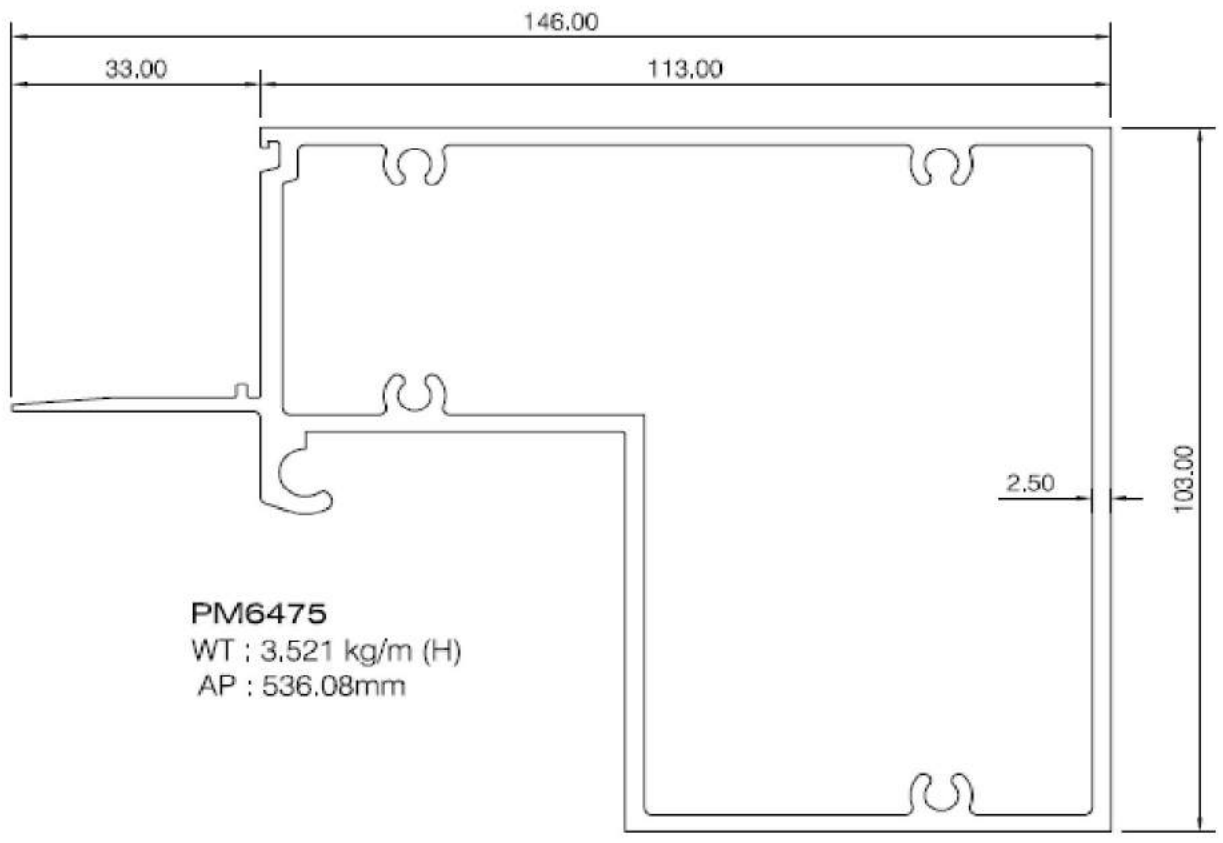
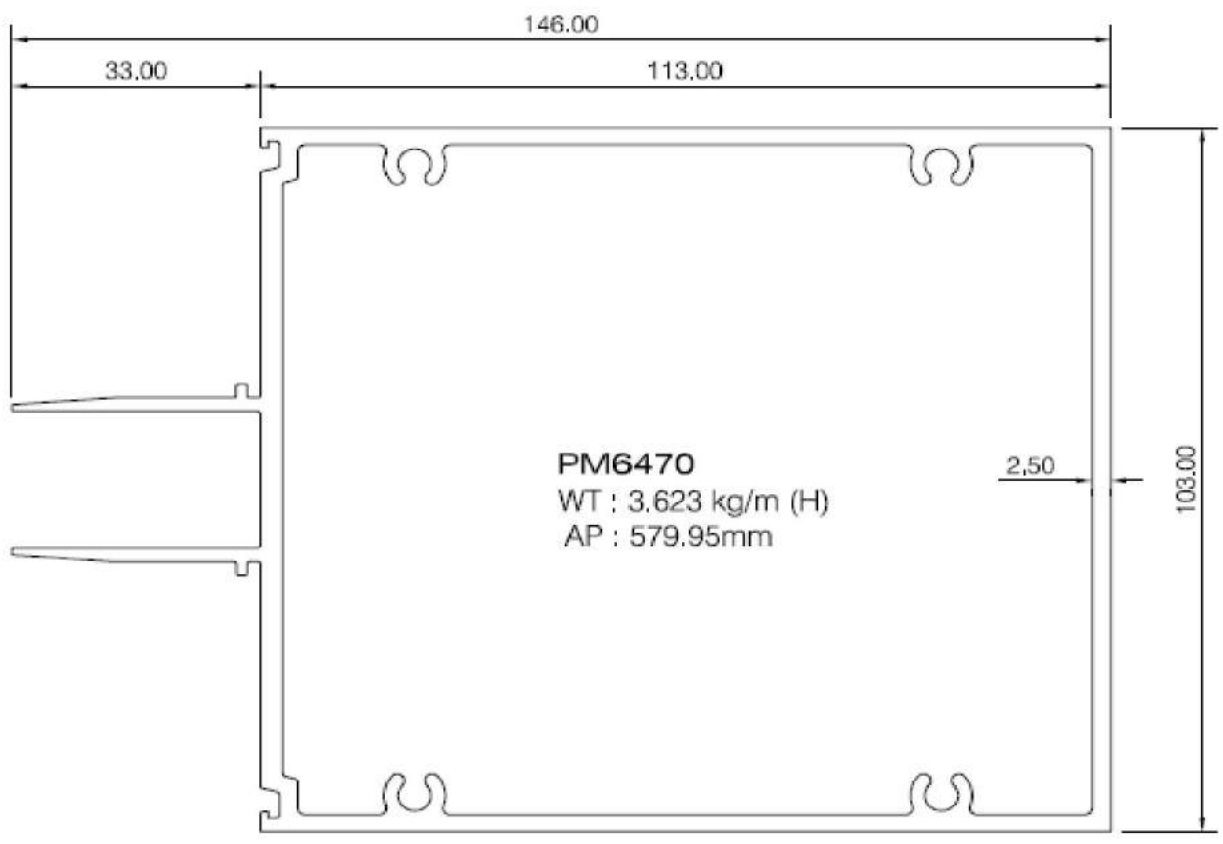


PM6440
 WT : 2.713 kg/m (S)
 AP : 923.39mm

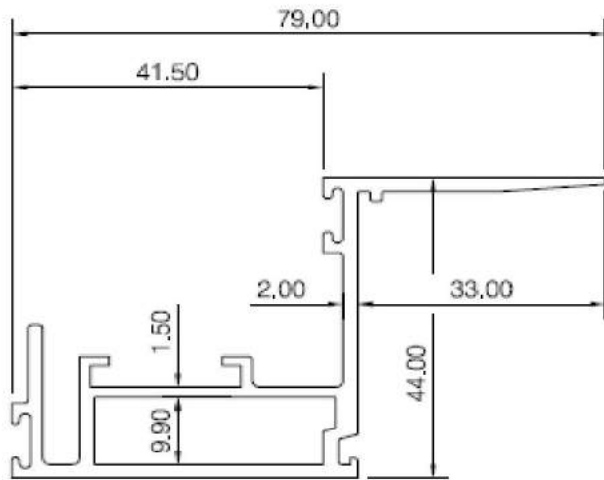


PM6469
 WT : 3.667 kg/m (H)
 AP : 579.95mm

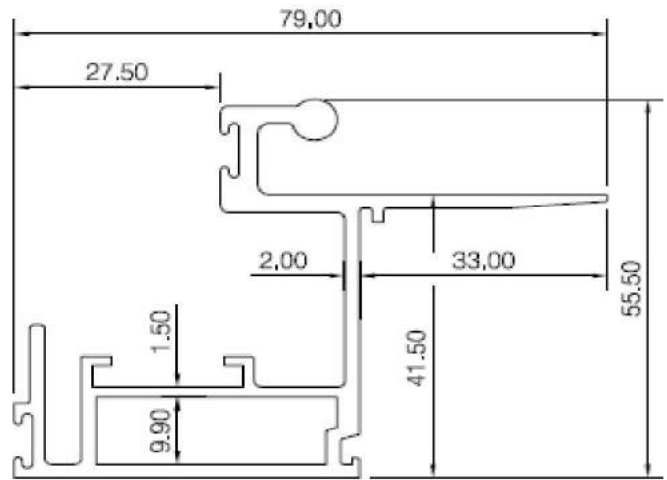
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| | CURTAIN WALL | REF : PMWALLU4.7/8. |
| | PMWALL U4 | DATE : JAN 2015 |



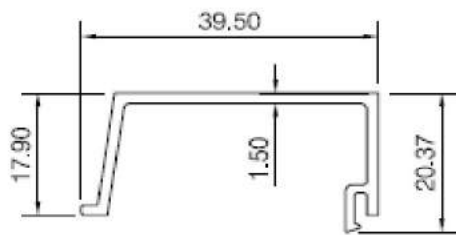
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| | CURTAIN WALL | REF : PMWALLU4.8/8. |
| | PMWALL U4 | DATE : JAN 2015 |



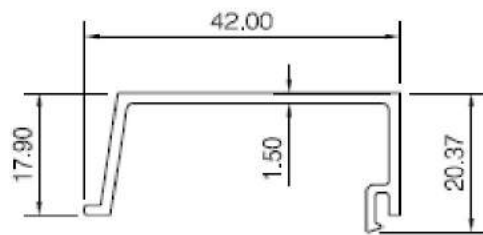
PM6457
 WT : 1.066 kg/m (H)
 AP : 342.78mm



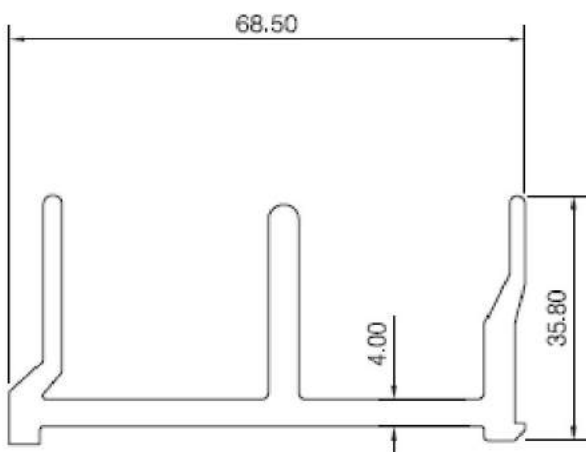
PM6458
 WT : 1.378 kg/m (H)
 AP : 413.76mm



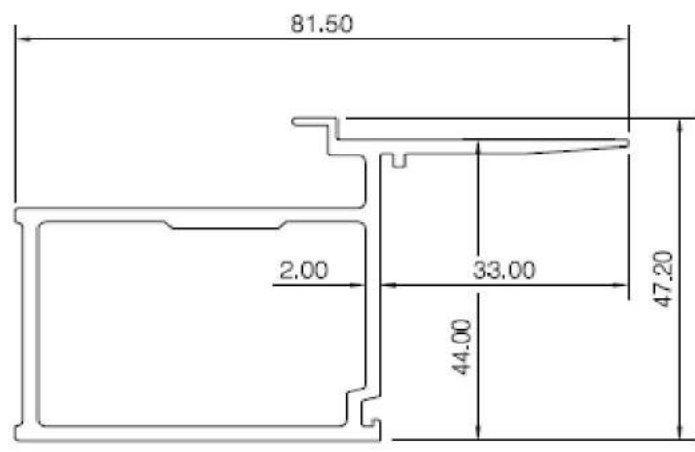
PM6456
 WT : 0.315 kg/m (S)
 AP : 159.15mm



PM6471
 WT : 0.325 kg/m (S)
 AP : 164.10mm



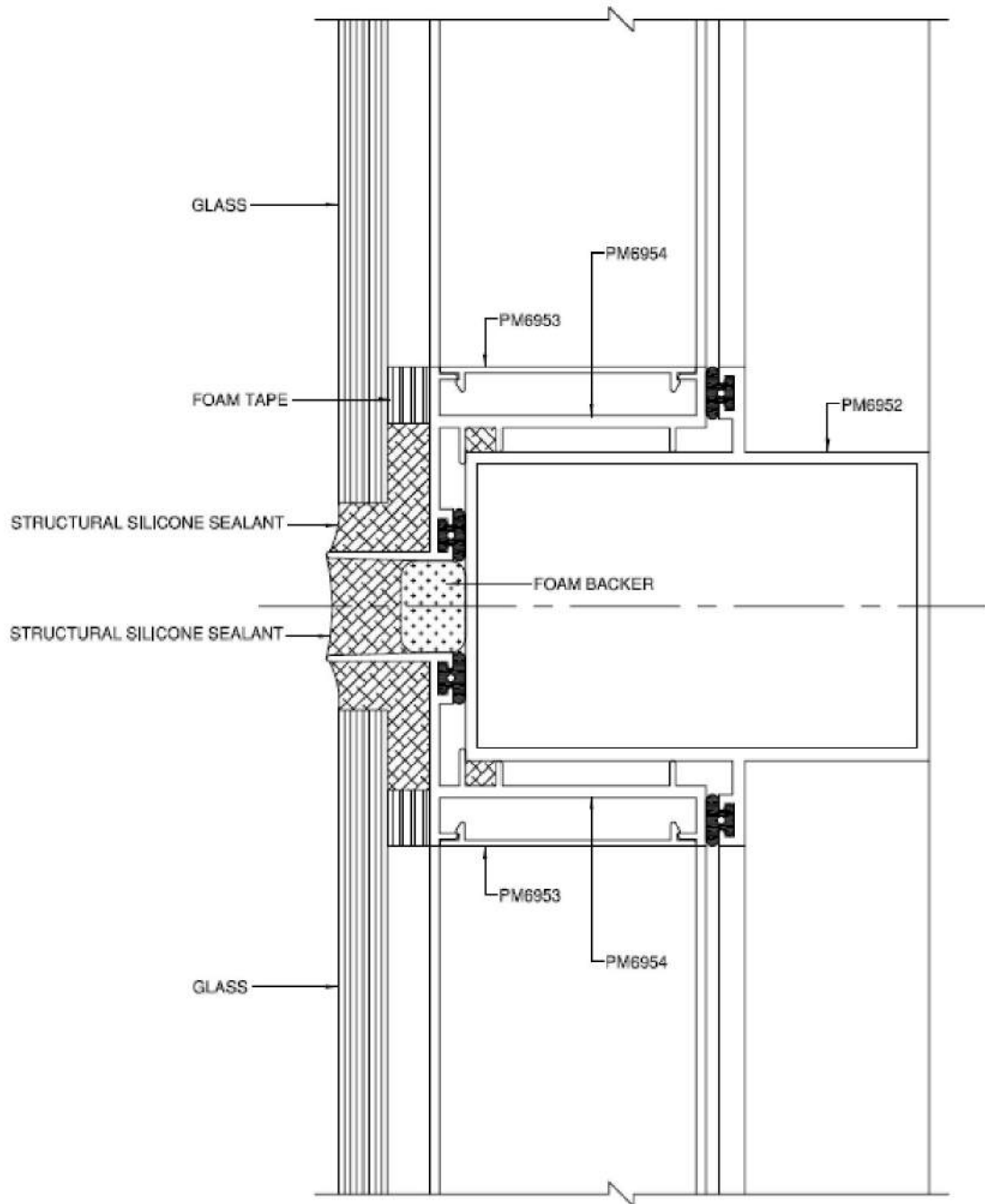
PM6558
 WT : 1.558 kg/m (S)
 AP : 323.44mm



PM6510
 WT : 1.183 kg/m (H)
 AP : 283.86mm

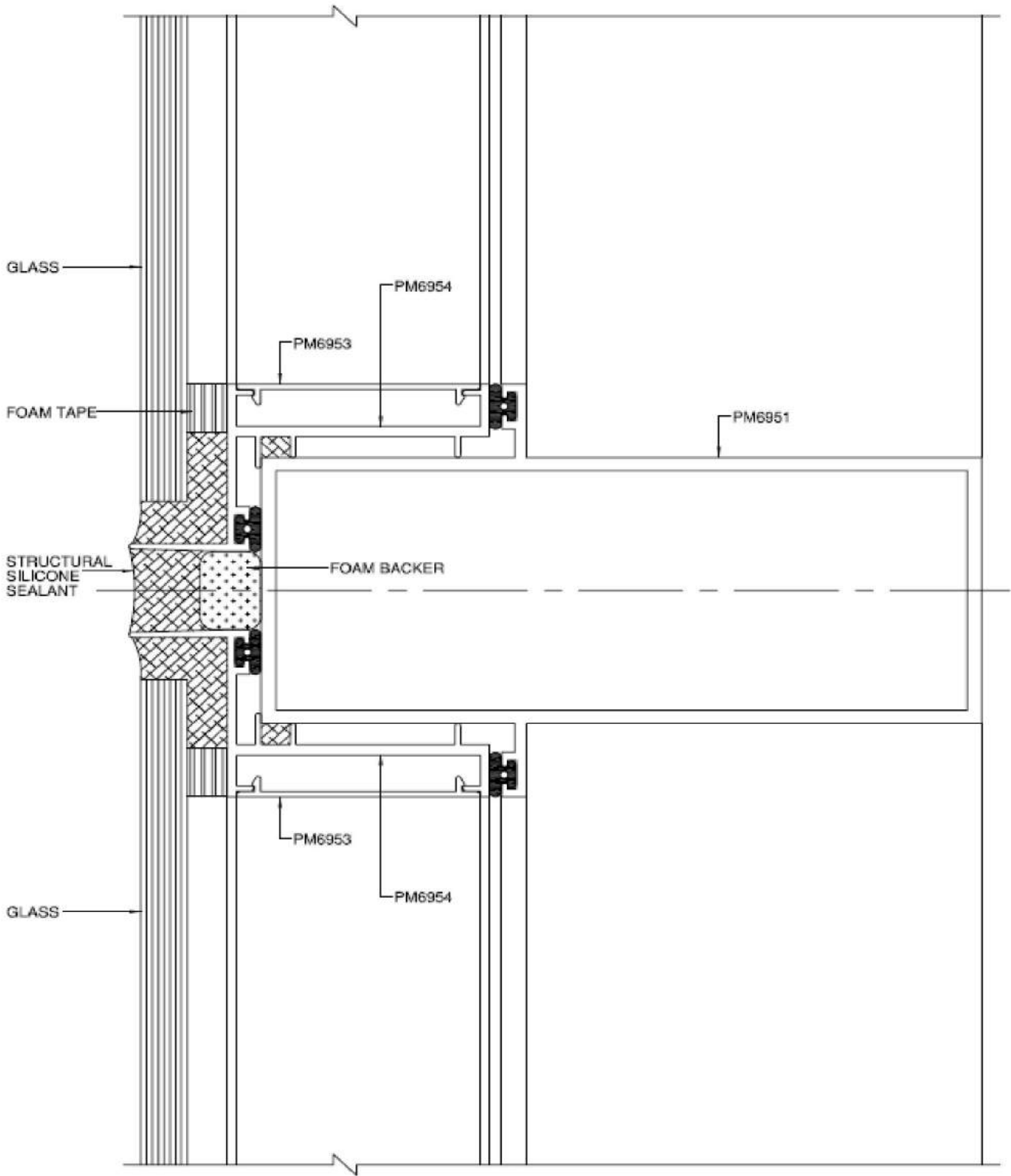
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| | CURTAIN WALL | REF : PMWALLSU1.1/3. |
| | PMWALL SU1 | DATE : JAN 2015 |

CURTAIN WALL
TYPICAL ARRANGEMENT

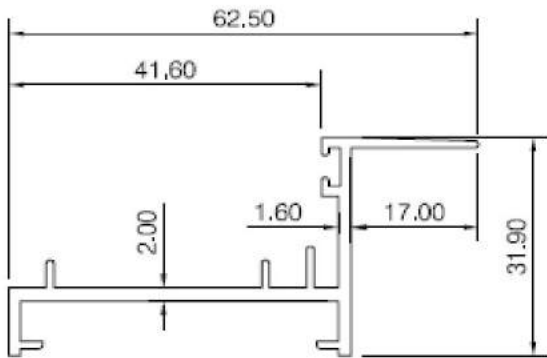


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| | CURTAIN WALL | REF : PMWALLSU1.2/3. |
| | PMWALL SU1 | DATE : JAN 2015 |

CURTAIN WALL
TYPICAL ARRANGEMENT



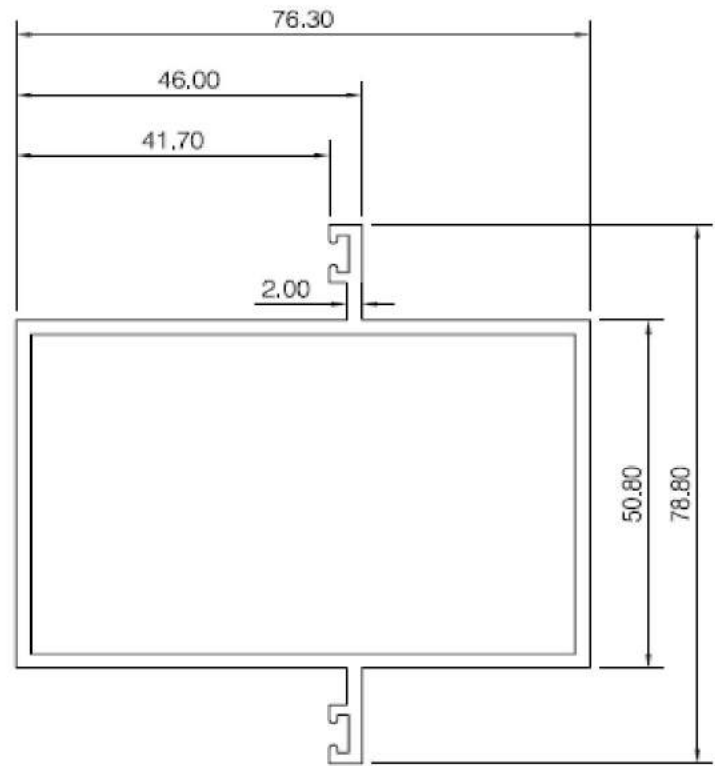
| | | |
|--|-------------------|----------------------|
| | CURTAIN WALL | REF : PMWALLSU1.3/3. |
| | PMWALL SU1 | DATE : JAN 2015 |



PM6954

WT : 0.542 kg/m (S)

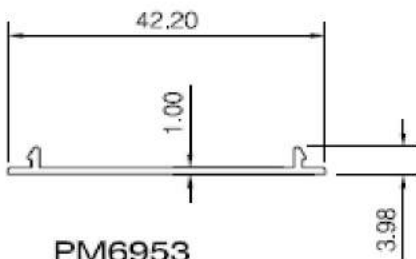
AP : 255.54mm



PM6952

WT : 1.529 kg/m (H)

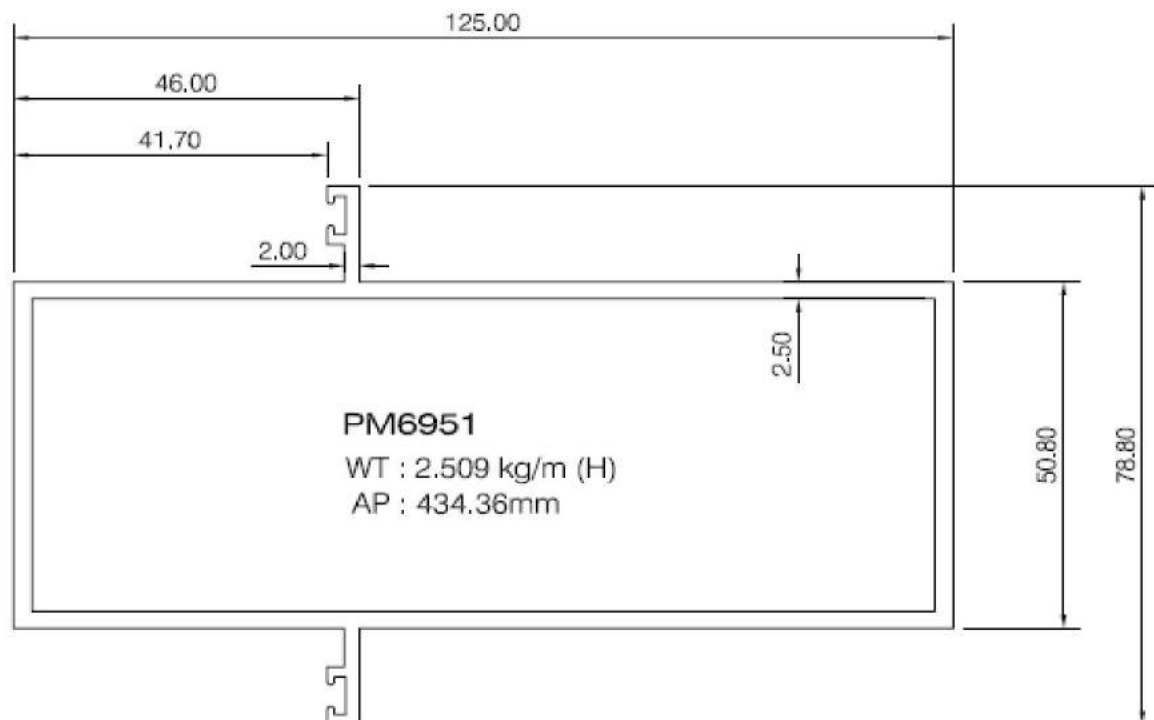
AP : 336.96mm



PM6953

WT : 0.131 kg/m (S)

AP : 97.93mm

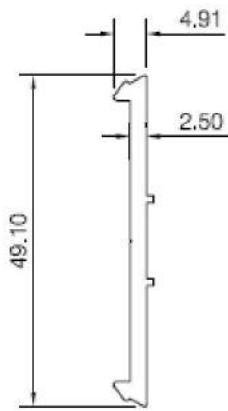


PM6951

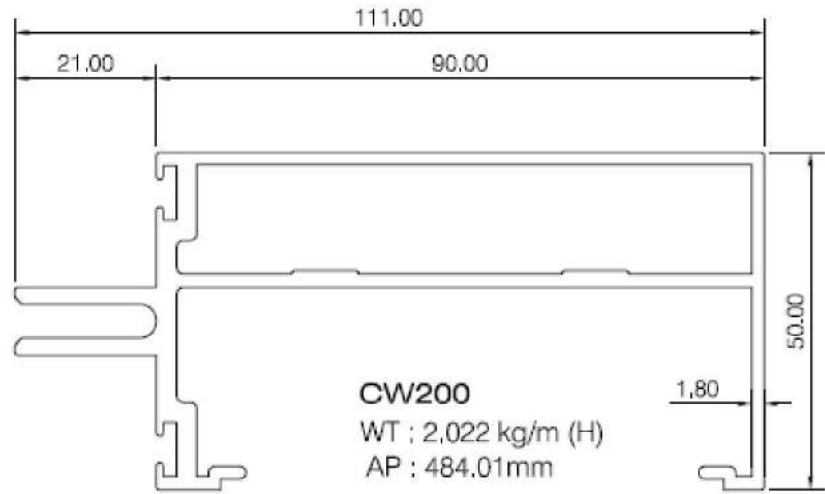
WT : 2.509 kg/m (H)

AP : 434.36mm

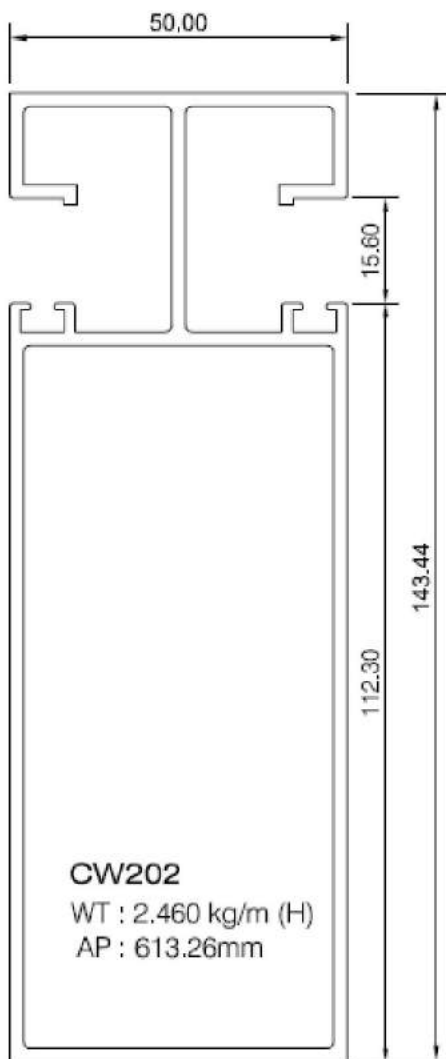
| | | |
|--|--------------------|-----------------------|
| | CURTAIN WALL | REF : PMWALLMISC.1/1. |
| | PMWALL MISC | DATE : JAN 2015 |



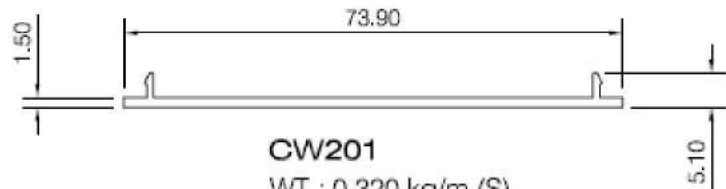
CW207
 WT : 0,358 kg/m (H)
 AP : 113.28mm



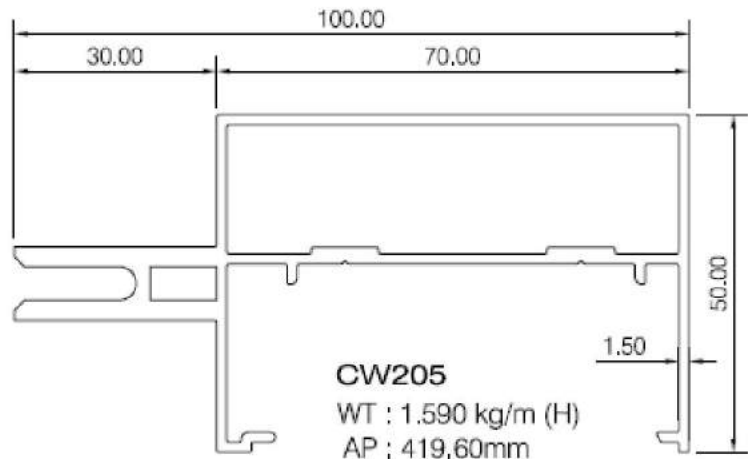
CW200
 WT : 2,022 kg/m (H)
 AP : 484.01mm



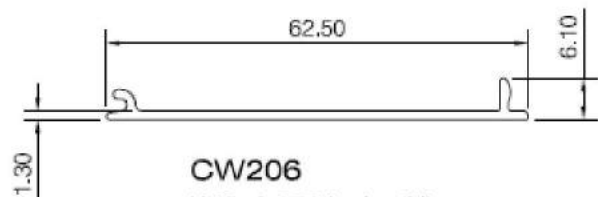
CW202
 WT : 2,460 kg/m (H)
 AP : 613.26mm



CW201
 WT : 0,320 kg/m (S)
 AP : 164.64mm



CW205
 WT : 1,590 kg/m (H)
 AP : 419.60mm



CW206
 WT : 0,252 kg/m (H)
 AP : 142.72mm