



PRESS METAL

ACE

Architectural Systems

**HIGH PERFORMANCE
CURTAIN WALLS**

SHOPFRONT

COMLITE



ACE HIGH PERFORMANCE SYSTEMS CURTAIN WALLS, COMLITE & SHOPFRONT

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Standard Finishes

Mill Finish

Natural aluminium finish off the Extrusion Press.

Natural Anodised Finish

Aluminium is a corrosion resistant metal due to a film of aluminium oxide which occurs naturally on its surface.

Anodising is an applied finish by an electro-chemical process that thickens the natural oxide film on the Aluminium and imparts to the metal surfaces the extreme hardness, corrosion and wear resistance of the oxide.

PMB's natural anodised finish conforms to BS EN12373-1 and is available in nominal film thickness of 10, 15, 20 and 25 microns.

Recommended film thickness is 10 microns and 25 microns for normals and corrosive atmospheric conditions respectively.

Coloured Anodised Finish

PMB Aluminium extrusions can be treated in durable inorganic colours to yield a finish which is permanent, lightfast, abrasion and corrosion resistant and unchanging in colour intensity. The finish available in bronze and black anodise.

In the colour process, inorganic metal particles are deposited electrolytically in the pores of a clear anodic film. Electrolytic deposition results in the colour particles being fixed at the very base of the pores, allowing virtually the full thickness of the anodic film to protect them.

The extrusion is sealed in boiling deionised water which closes off the pores in the anodic film and permanently seals in the colour particles.

PMB's aluminium is available in 4 colours - Light , Medium and Dark Bronze and Black anodise in nominal film thickness of 10, 15, 20 and 25 microns.

Recommended film thickness is 15 microns and 25 microns for normals and corrosive atmospheric conditions respectively.

Temper Designation

- | | |
|----|--|
| F | As fabricated i.e there is no special control over the temper of such material and it is normally in the as-extruded condition. No mechanical property limits are specified. |
| T1 | Cooled from an elevated temperature shaping process and naturally aged to a substantially stable condition. |
| T4 | Solution heat-treated and naturally aged to a substantially stable condition. No artificial ageing required. |
| T5 | Air cooled from the extrusion temperature and artificially aged to improve mechanical properties. |
| T6 | Solution heat-treated and then artificially aged. |



ALLOY AA 6063

Equivalent to BS H9

Description of Alloy

Alloy 6063 provides a goods combination of extrudability and mechanical properties. Its excellent extrudability allows thin-walled hollow shapes, intricate solids, and other shapes that are usually difficult to extrude with satisfactory finish, to be produced more easily.

It responds well to polishing, chemical brightening, anodising, and dyeing.

Characteristics

Welding : Alloy 6063 is readily welded by the MIG and TIG processes. The recommended filler alloy, particularly when welding exposed surfaces that will be anodised for decorative purposes, is 5356. Alloy 4043 may be used in other cases.

Riverts : Alloy 6053 - T61

Machining : Readily machined in all tempers given.

Forming : All tempers my be formed, the softer tempers accepting more severe forming.

Corrosion : Excellent resistance to the atmosphere. Particularly suitable for anodising for architectural applications.

Temper Available¹

Extruded Shaped - T1, T5, T6

Chemical Composition²

Alloy 6063 is a heat-treatable aluminium-magnesium-silicon alloy.

	% Weight		% Weight
Copper	0.10	Zinc	0.10
Iron	0.35	Chromium	0.10
Magnesium	0.45 - 0.95	Others, each	0.05
Manganese	0.10	Others, total	0.15
Silicon	0.20 - 0.60		
Titanium	0.10	Aluminium	Remainder

Mechanical Properties

Temper	Thickness (mm)	Ultimate Strength Min.	0.2% Stress Min.	Proof (MPa) Max	Elongation (%) Min.	Hardness (Vickers) Typical
T1	Up to 12.5	115	60	—	12	40
	12.50 — 5.00	110	55	—	12	
T5	Up to 12.5	150	110	—	8	60
	12.50 — 25.00	145	105	—	8	
T6★	Up to 12.5	205	170	—	8	80
	3.20 — 25.00	205	170	—	10	

Physical Properties³

Density	2.71 g/cm ³
Melting Range	6.15 - 655 °C
Specific Heat between 0 - 100°C	879 J/kg.K
Coefficient of Linear Expansion between 20 - 100°C	23 X 10 ⁻⁶ /K
Thermal Conductivity at 25°C	202 W/m.K
Electrical Resistivity at 20°C	0.033 μ Ωm
Modulus of Elasticity	69 X 10 ³ MPa

Notes:

(1) These are the most common tempers, other may be available. For further information contact a PMB Sales Office

(2) Composition given in percent maximum unless shown as a range.

(3) The physical properties given are typical values.

★(4) Only for structural mill finish application and simple/small ccd(max 120mm) sections - with equal wall thickness.



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CURTAIN WALL

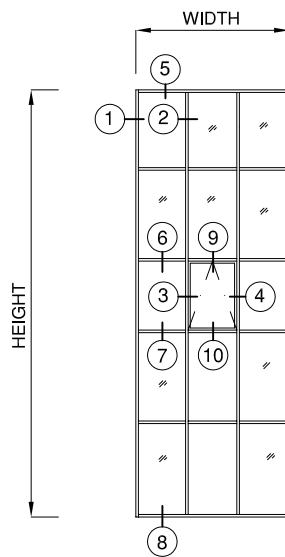
COMWALL™

REF : CW COMWALL Page: 1

DATE : 1.1.2015

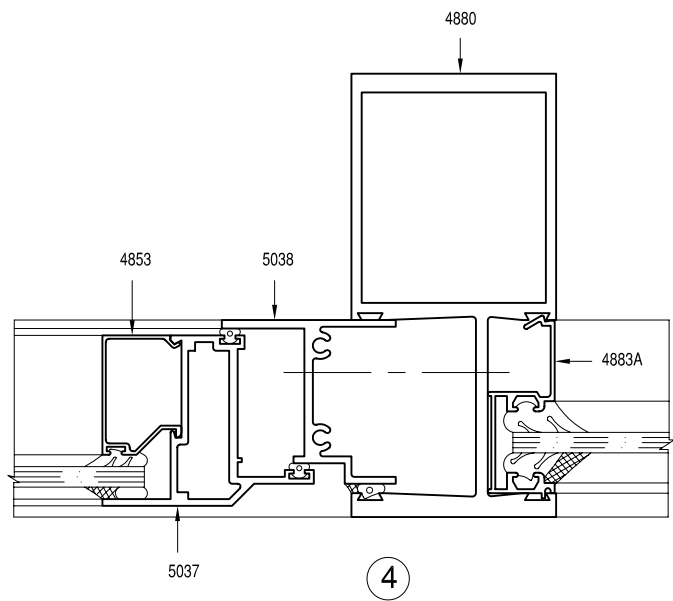
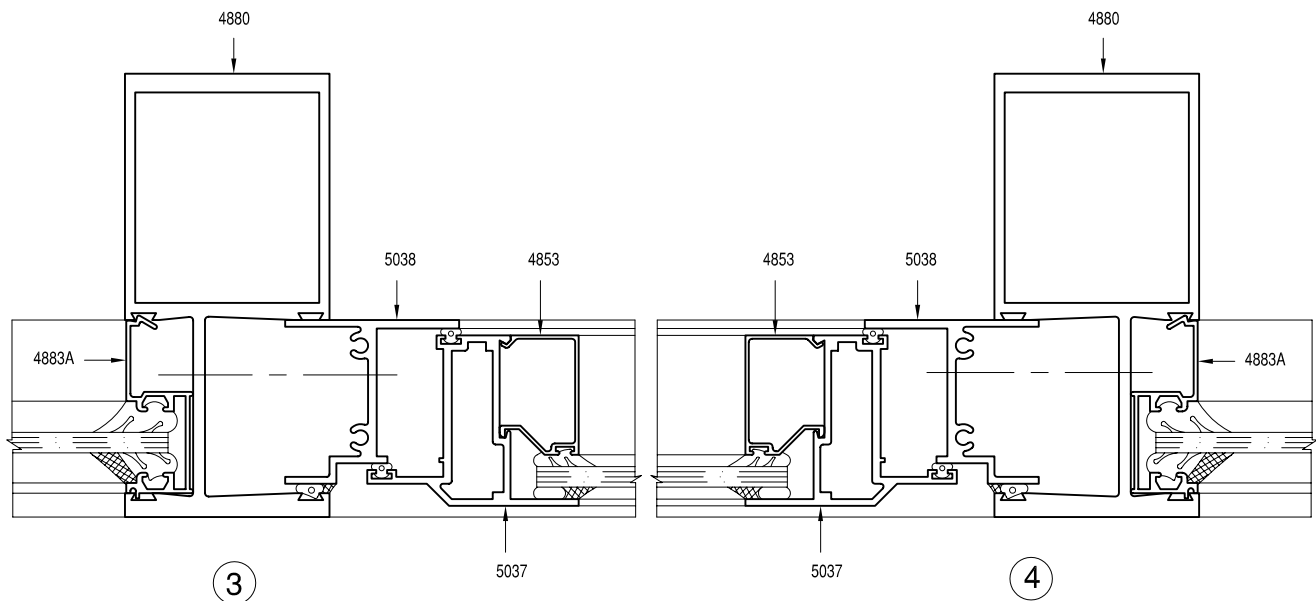
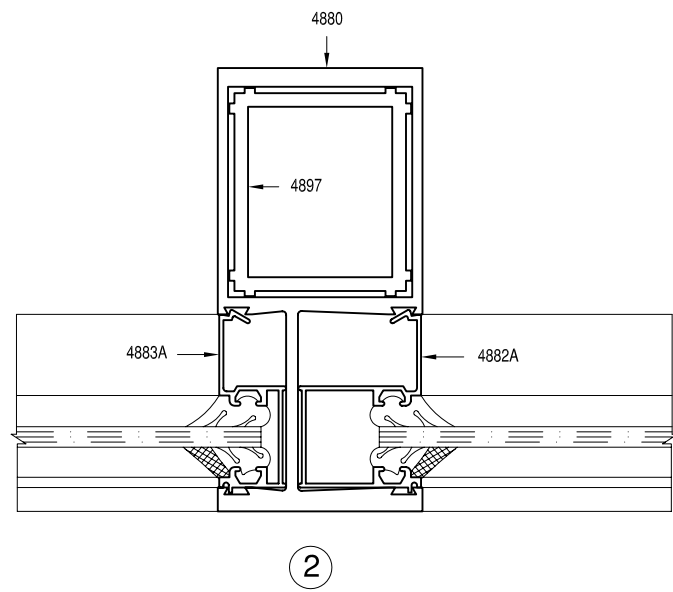
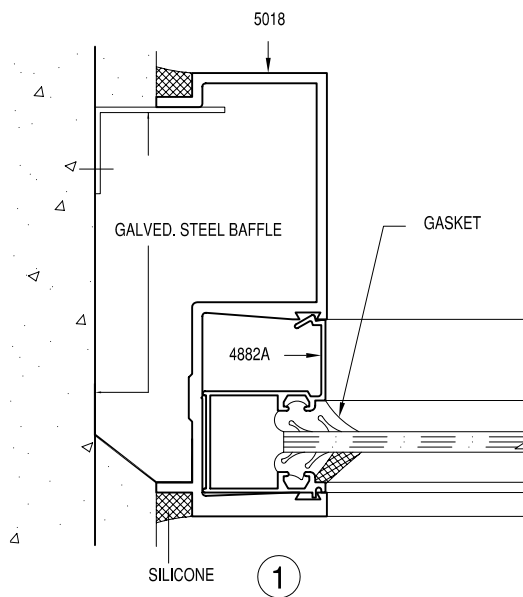
REPLACES :

TYPICAL ARRANGEMENT



ELEVATION

SCALE: NTS





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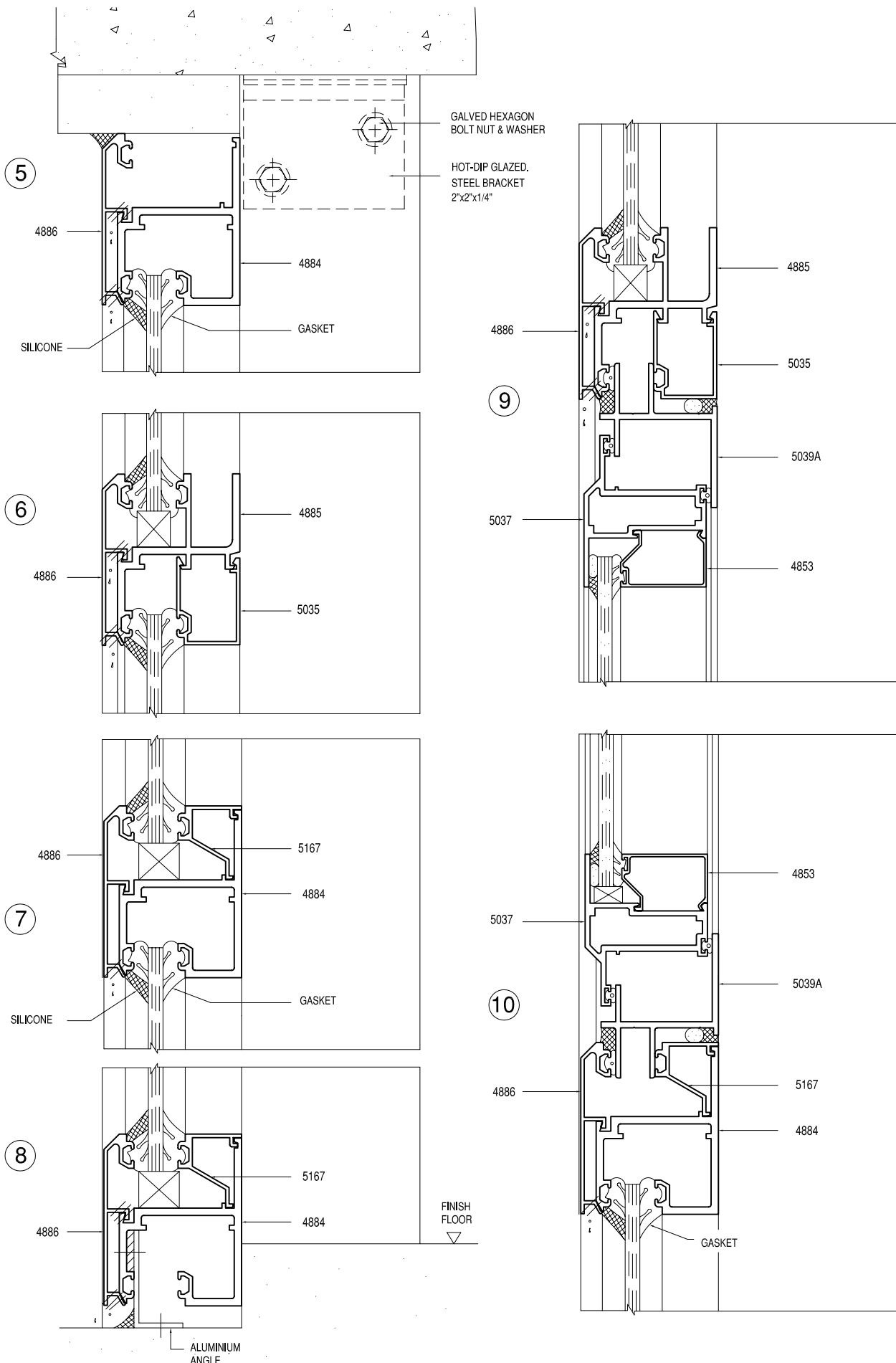
CURTAIN WALL

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DATE : 1.1.2015

REPLACES :





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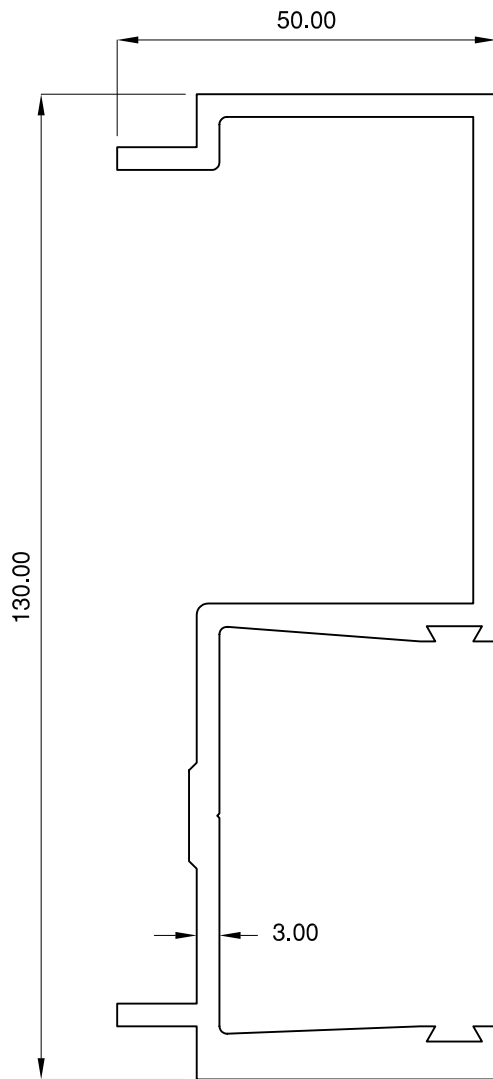
CURTAIN WALL

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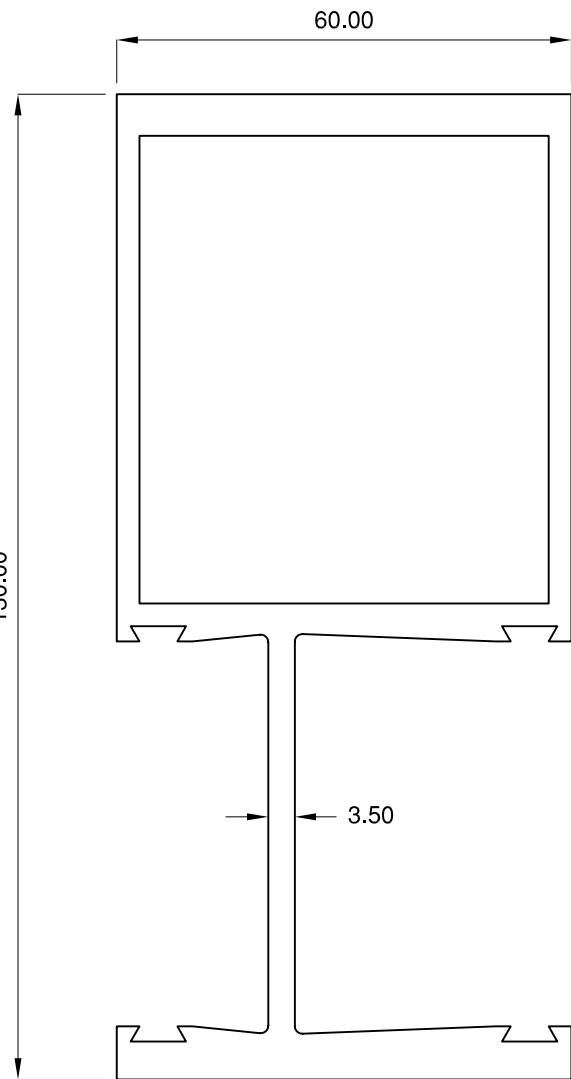
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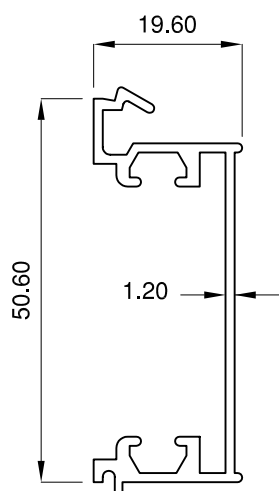
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WT : 2.629 Kg/m
AP : 556.40 mm



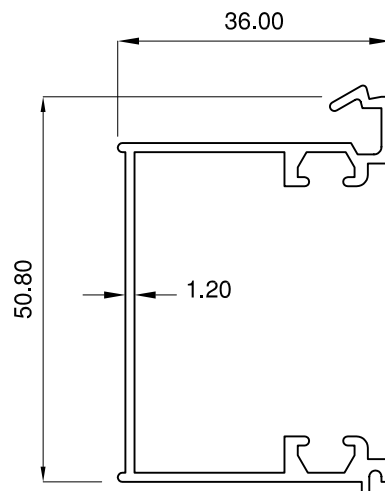
4880

WT : 4.100 Kg/m
AP : 523.00 mm



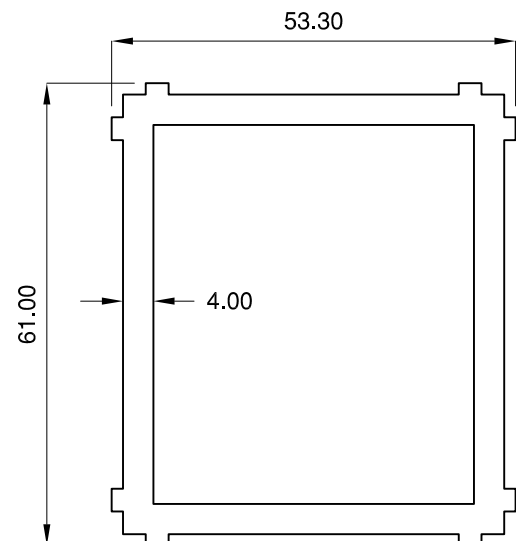
5256

WT : 0.442 Kg/m
AP : 242.00 mm



5255

WT : 0.549 Kg/m
AP : 308.00 mm



4897

WT : 2.272 Kg/m
AP : 240.60 mm



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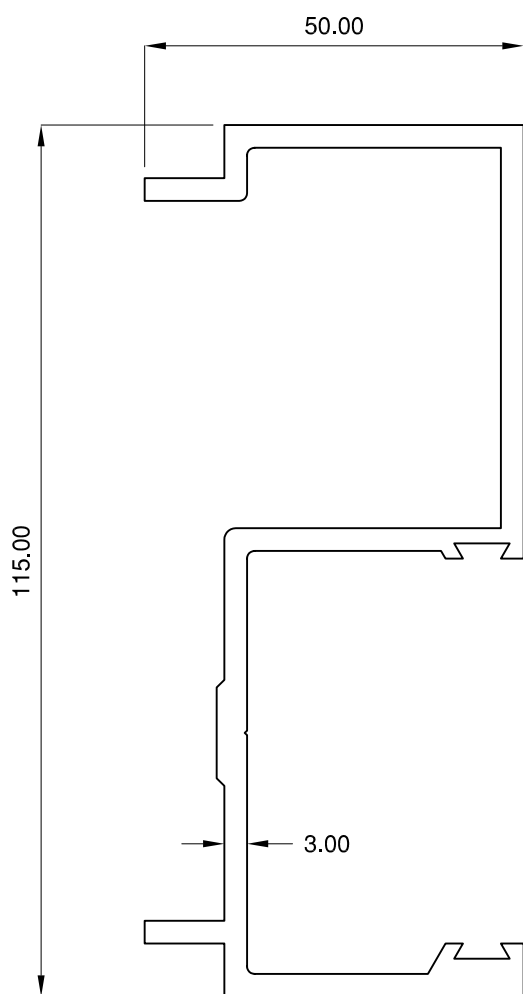
CURTAIN WALL

COMWALL™

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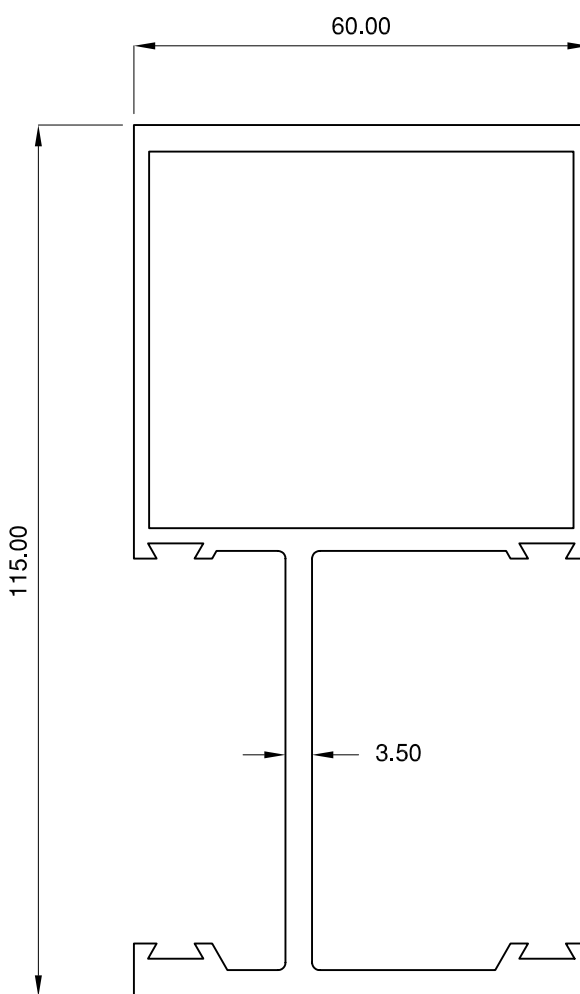
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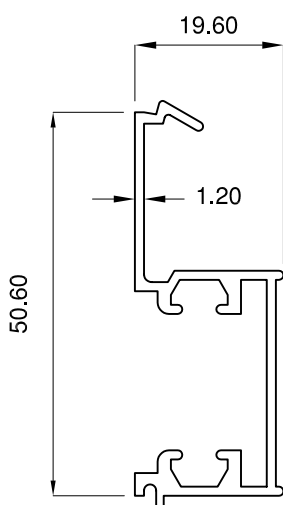
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WT : 2.174 Kg/m
AP : 531.10 mm



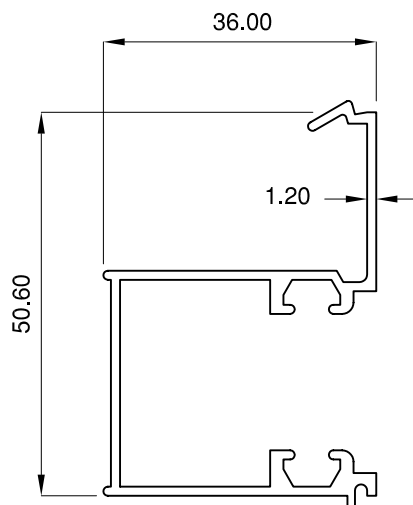
4881

WT : 2.830 Kg/m
AP : 503.10 mm



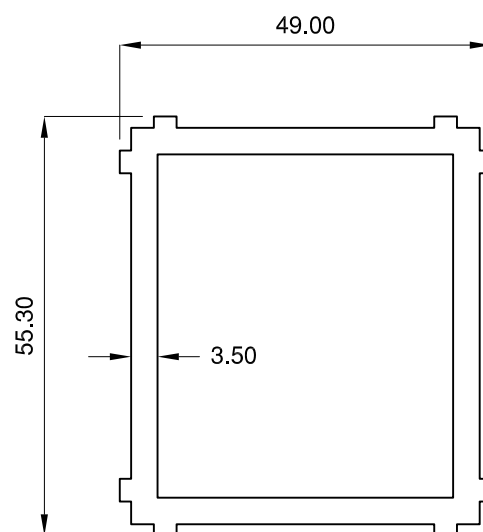
4883A

WT : 0.446 Kg/m
AP : 244.35 mm



4882A

WT : 0.553 Kg/m
AP : 310.35 mm



4898

WT : 1.830 Kg/m
AP : 220.60 mm



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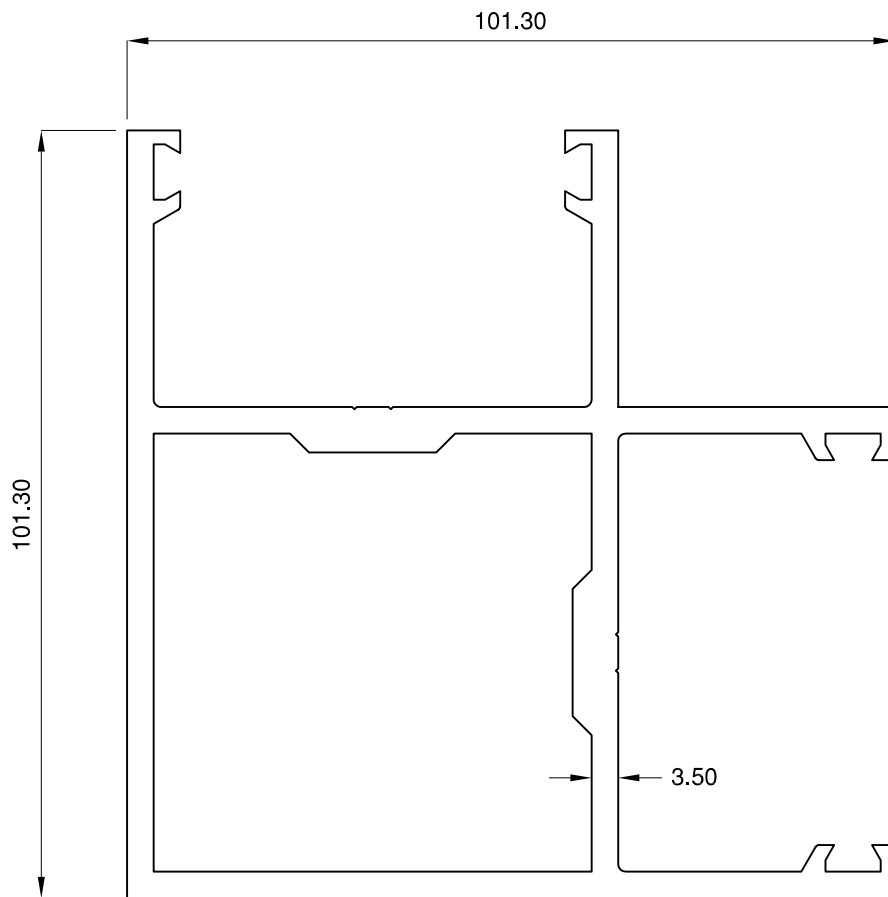
CURTAIN WALL

COMWALL™

REF : CW COMWALL Page: 5

DATE : 1.1.2015

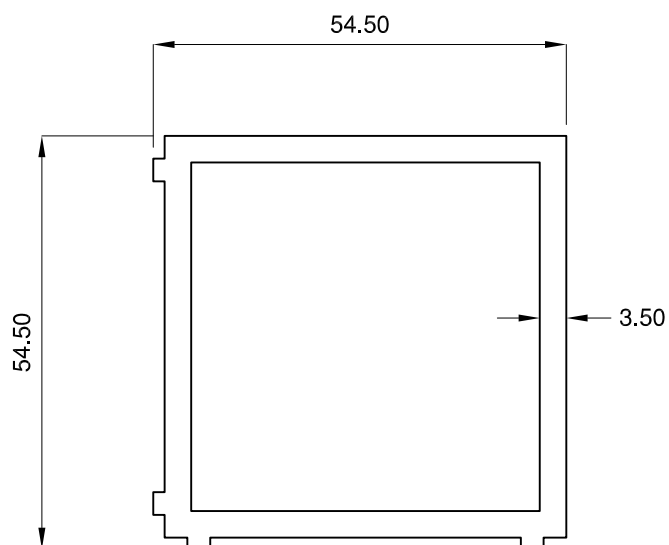
REPLACES :



5168A

WT : 4.151 Kg/m

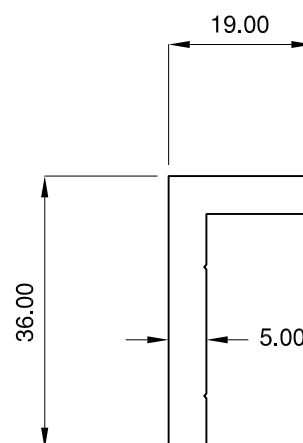
AP : 611.74 mm



5169

WT : 1.927 Kg/m

AP : 224.00 mm



5040

WT : 0.677 Kg/m

AP : 110.50 mm



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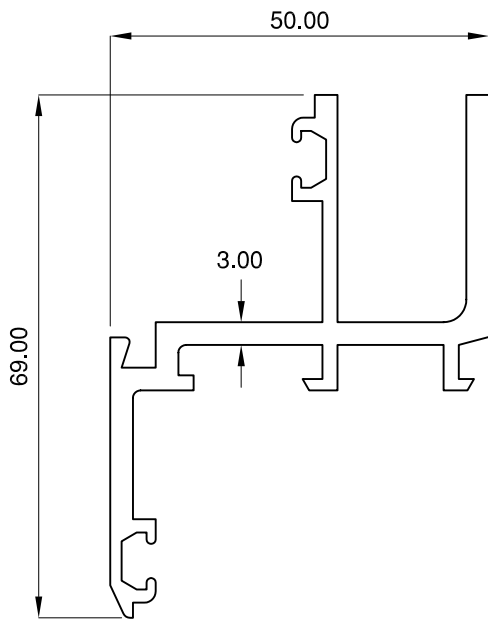
CURTAIN WALL

COMWALL™

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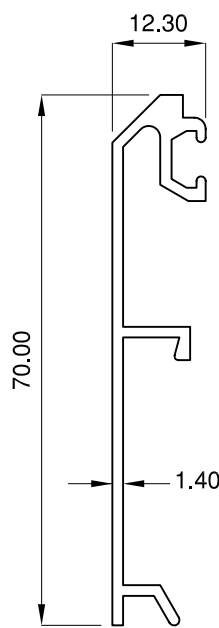
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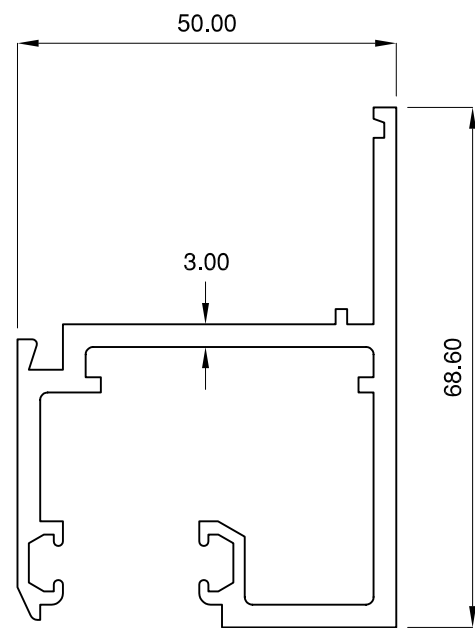
4885

WT : 1.272 Kg/m
AP : 375.15 mm



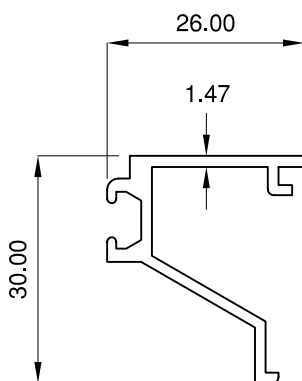
4886

WT : 0.478 Kg/m
AP : 230.40 mm



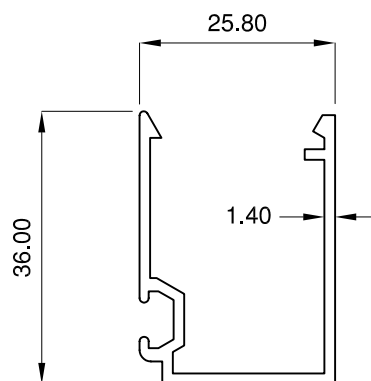
4884

WT : 1.533 Kg/m
AP : 425.00 mm



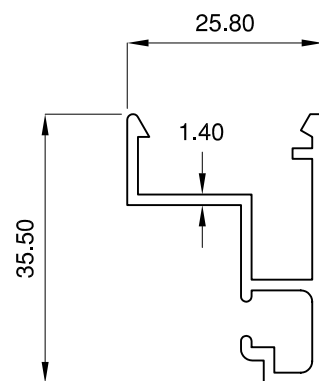
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WT : 0.317 Kg/m
AP : 153.30 mm



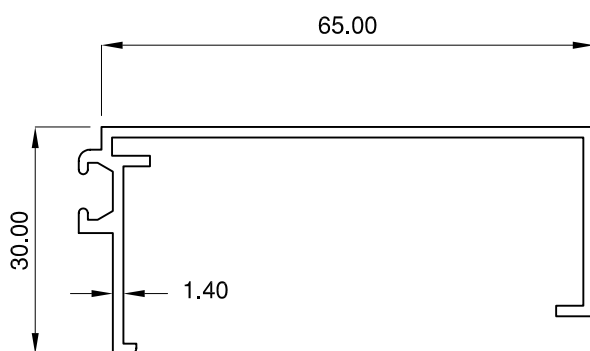
5035

WT : 0.410 Kg/m
AP : 212.10 mm



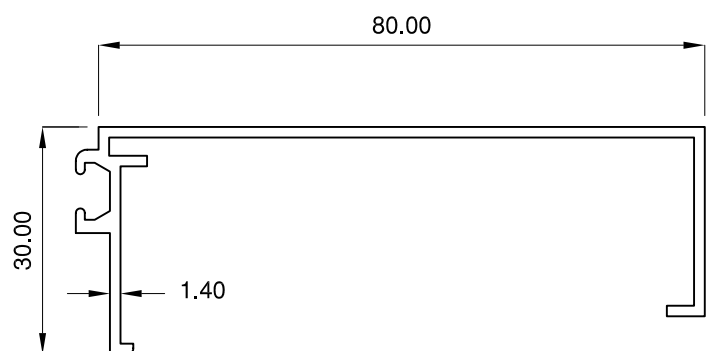
5036

WT : 0.395 Kg/m
AP : 204.30 mm



4891

WT : 0.532 Kg/m
AP : 275.40 mm



4892

WT : 0.589 Kg/m
AP : 305.40 mm



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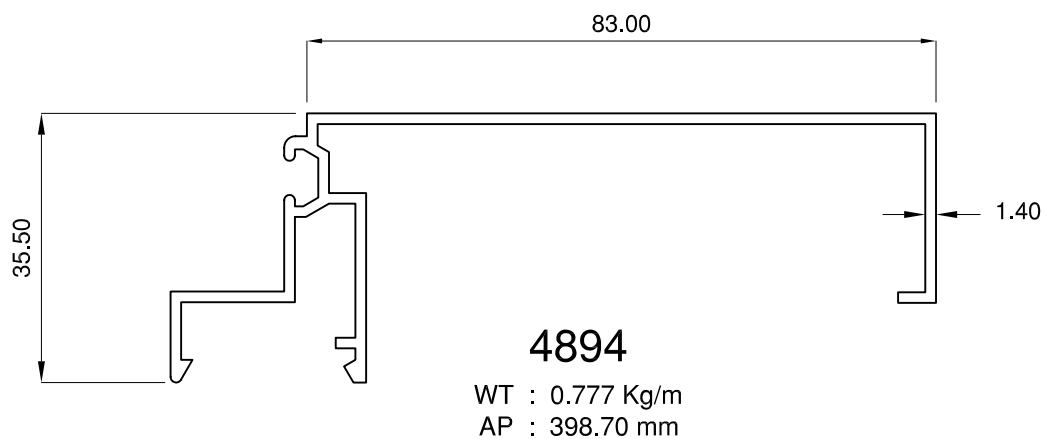
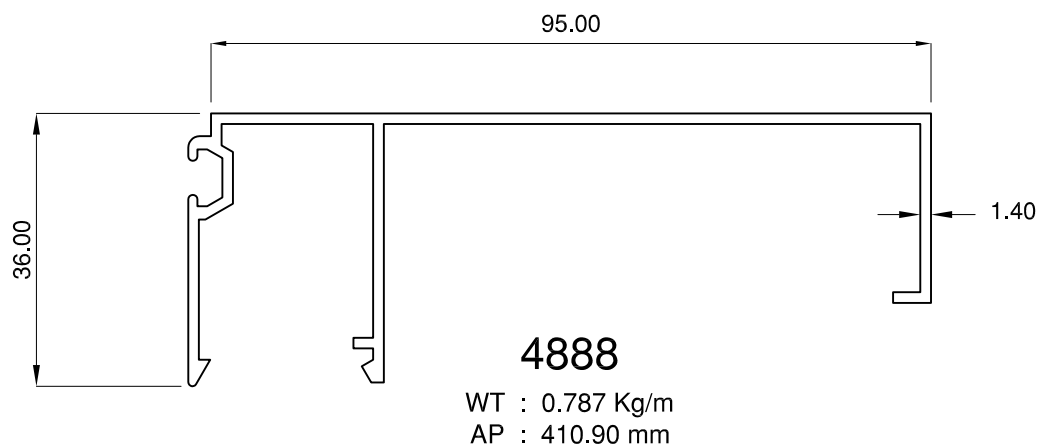
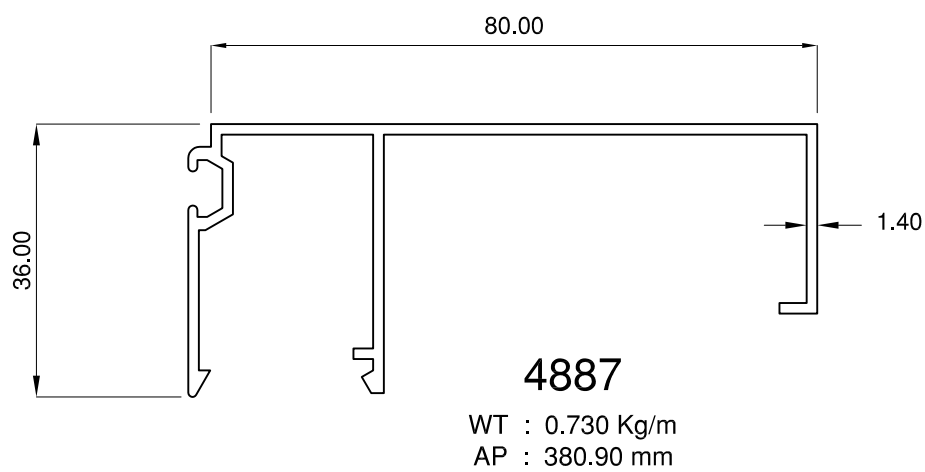
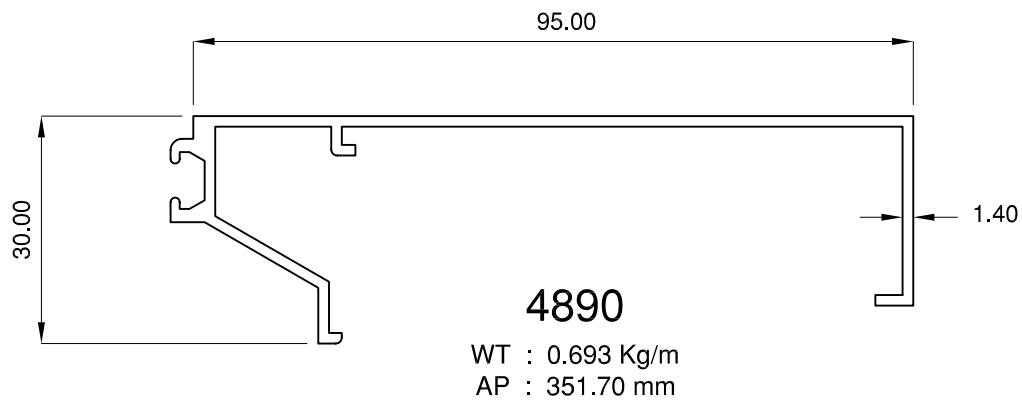
CURTAIN WALL

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REF : CW COMWALL Page: 7

DATE : 1.1.2015

REPLACES :





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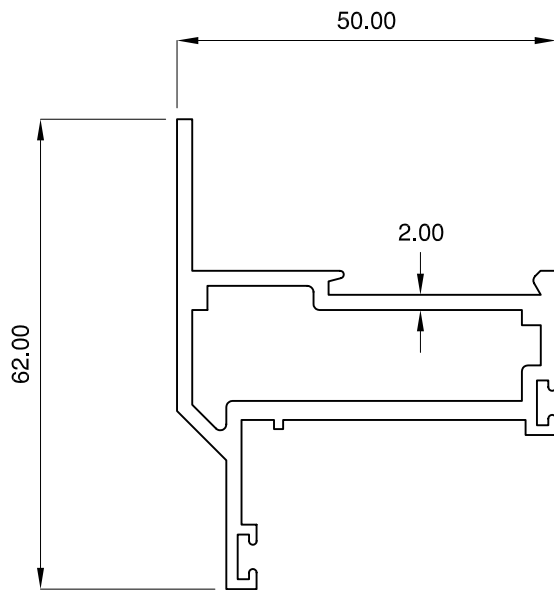
CURTAIN WALL

COMWALL™

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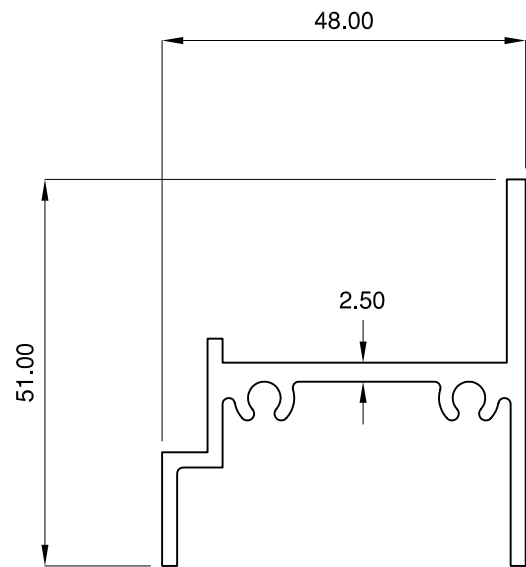
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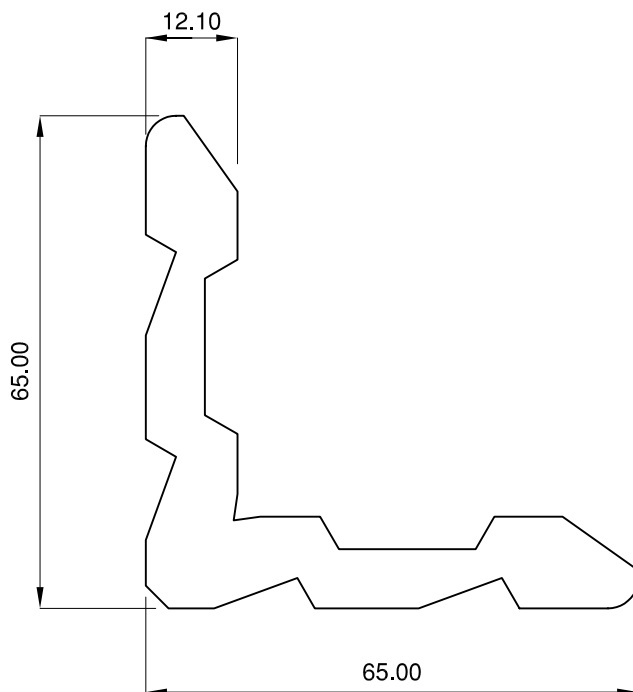
5037

WT : 1.101 Kg/m
AP : 260.00 mm



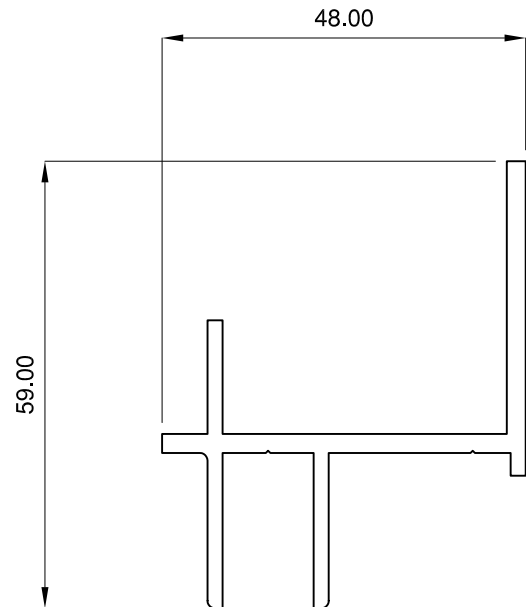
5038

WT : 0.892 Kg/m
AP : 280.00 mm



4855A

WT : 2.872 Kg/m
AP : 270.78 mm



5039A

WT : 0.888 Kg/m
AP : 289.78 mm



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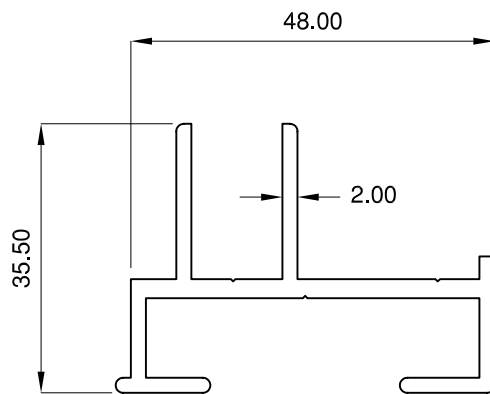
CURTAIN WALL

COMWALL™

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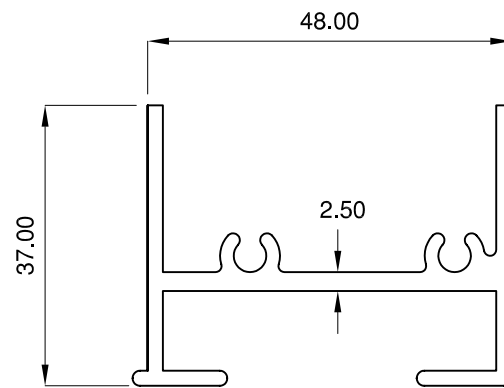
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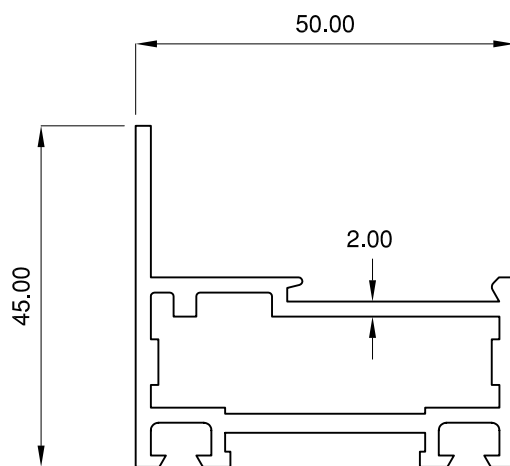
5106

WT : 0.806 Kg/m
AP : 277.20 mm



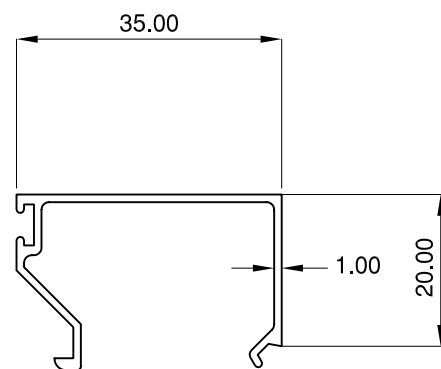
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WT : 0.928 Kg/m
AP : 304.15 mm



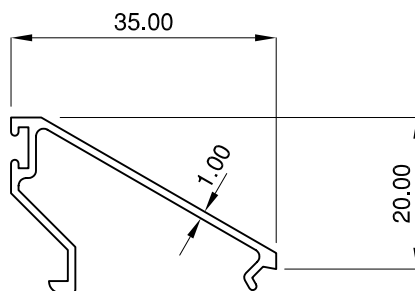
4854

WT : 1.084 Kg/m
AP : 246.67 mm



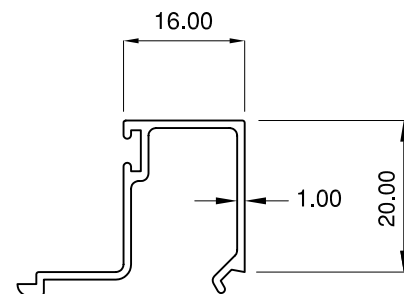
4853

WT : 0.257 Kg/m
AP : 180.52 mm



4857

WT : 0.223 Kg/m
AP : 151.13 mm



5688

WT : 0.222 Kg/m
AP : 158.16 mm



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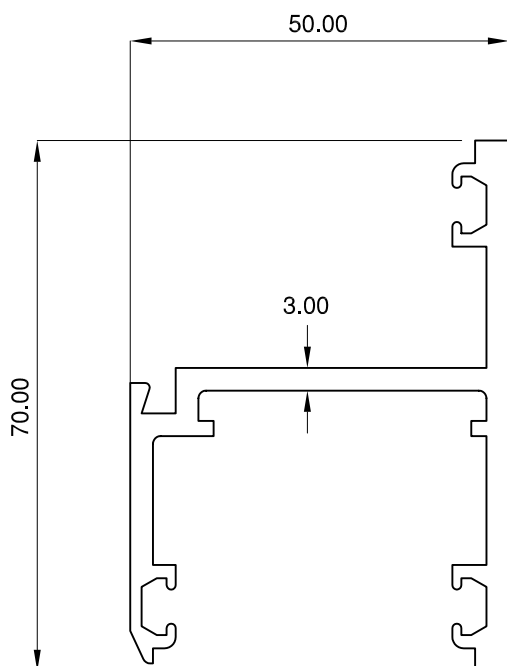
CURTAIN WALL

COMWALL™

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DATE : 1.1.2015

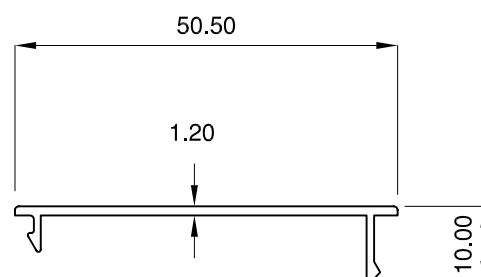
REPLACES :



15078

WT : 1.428 Kg/m

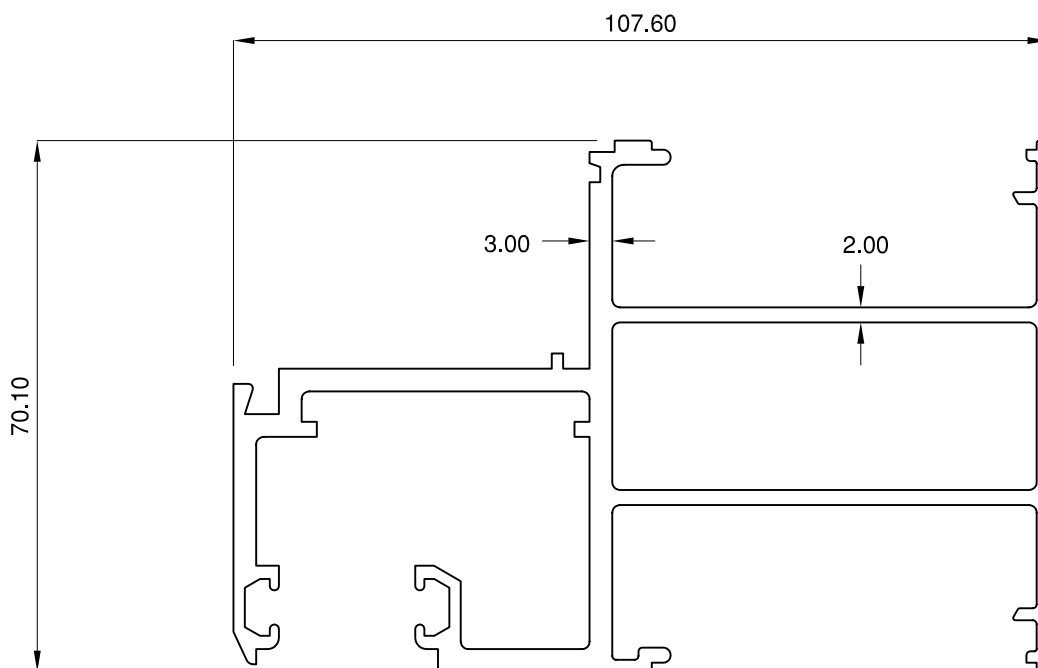
AP : 384.90 mm



9844

WT : 0.204 Kg/m

AP : 130.33 mm



15006

WT : 2.585 Kg/m

AP : 674.37 mm



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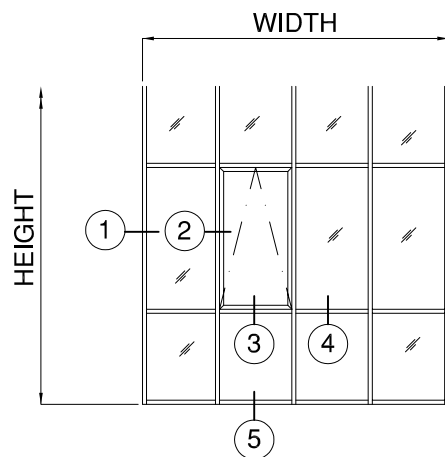
CURTAIN WALL

COMSASH™

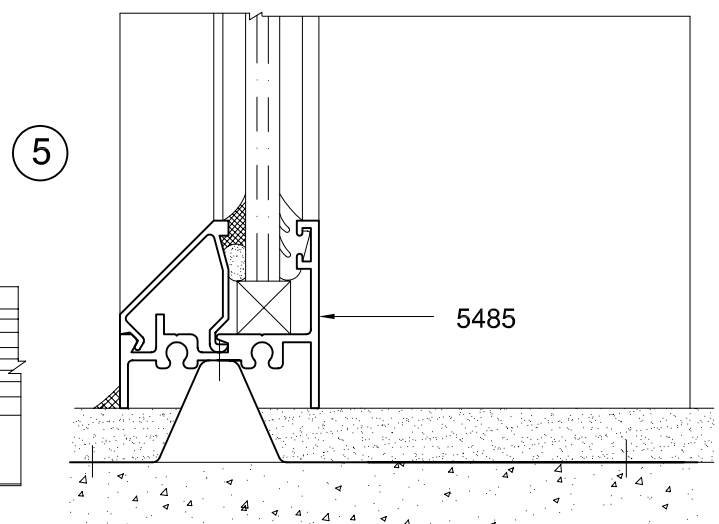
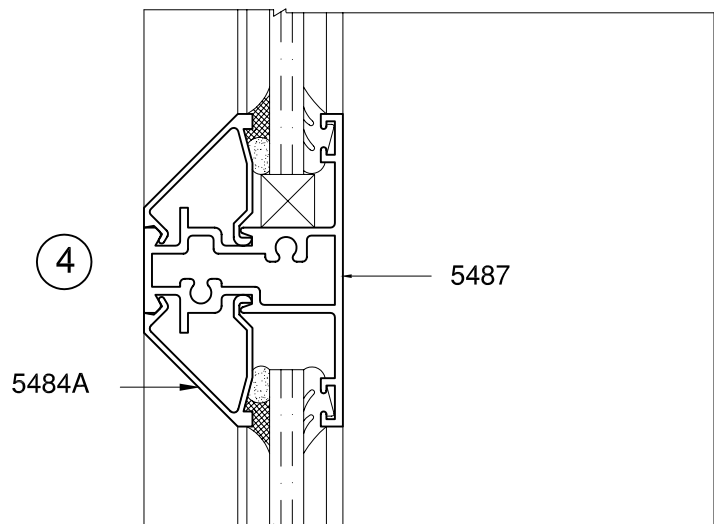
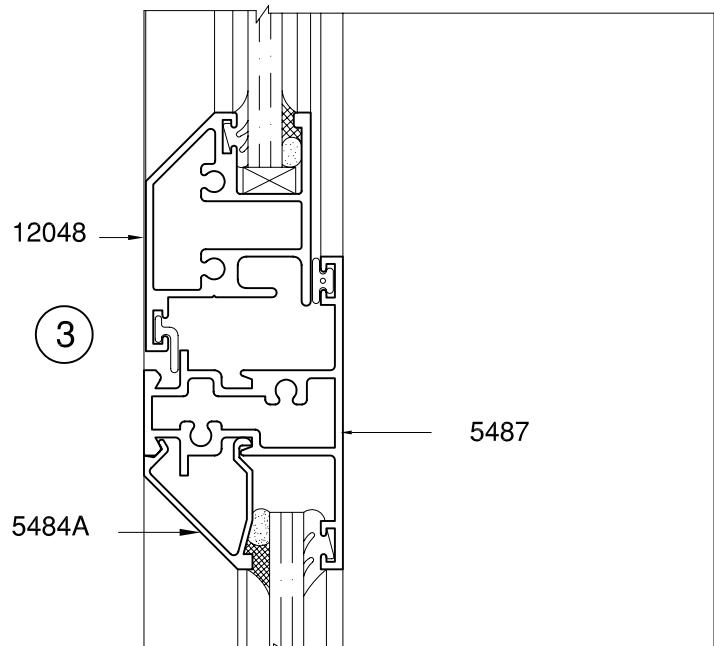
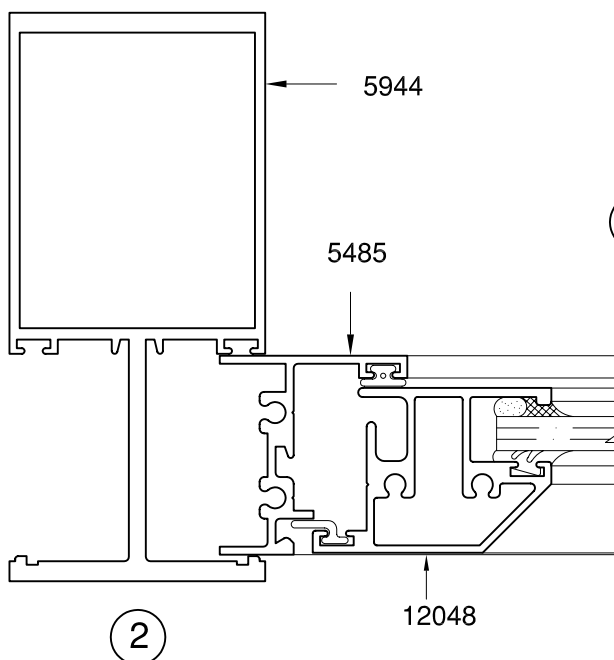
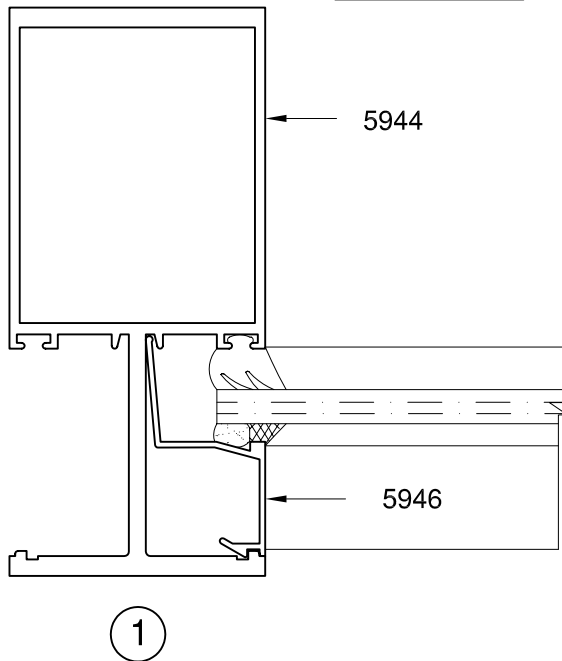
REF : CW COMSASH Page: 1

DATE : 1.1.2015

REPLACES :



ELEVATION





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CURTAIN WALL

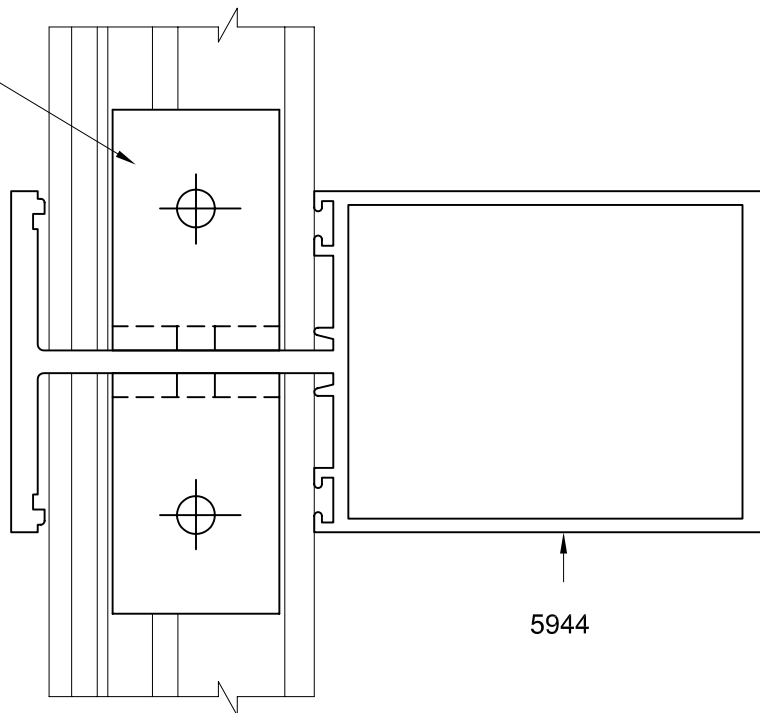
COMSASH™

REF : CW COMSASH Page: 2

DATE : 1.1.2015

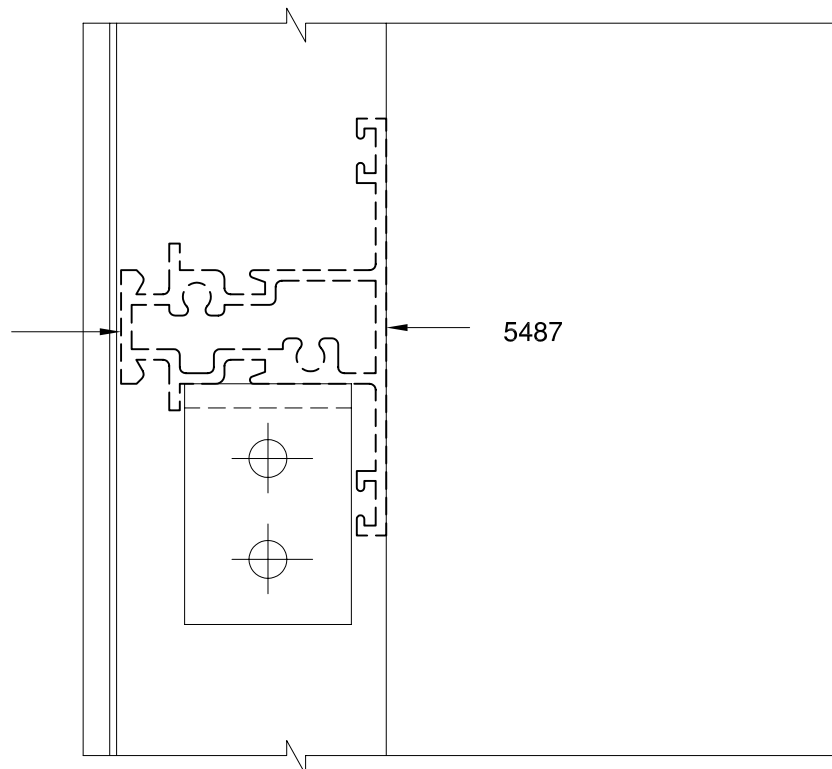
REPLACES :

SECT. 1995
ALUMINIUM ANGLE
31.75x31.75x22.00x 3.18 THK.



PLAN

5487 SLOTTED ONTO
ALUMINIUM ANGLE
(SCREW RECESS TO
BE MACHINED IN
ORDER TO SLOT IN)



FRONT

ASSEMBLY DETAIL FOR 5487 AND 5944



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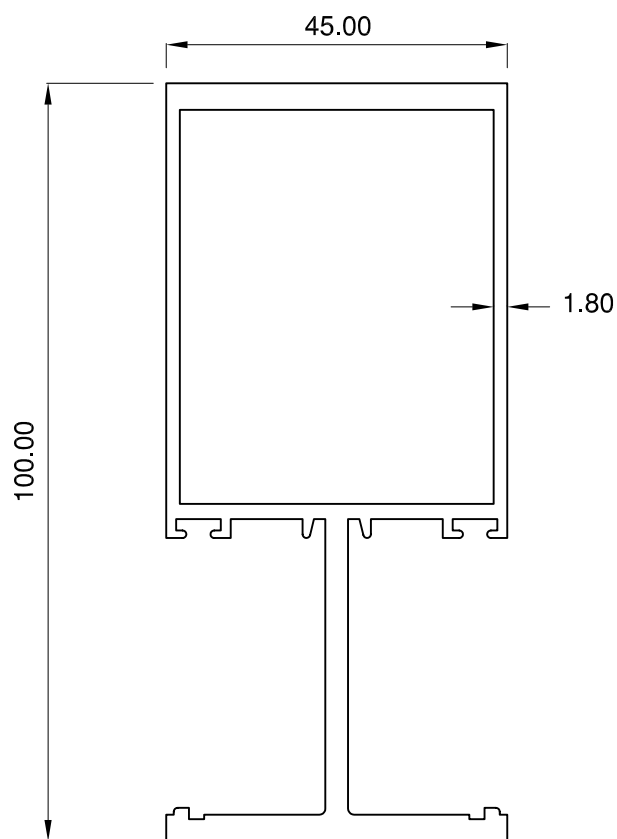
CURTAIN WALL

COMSASH™

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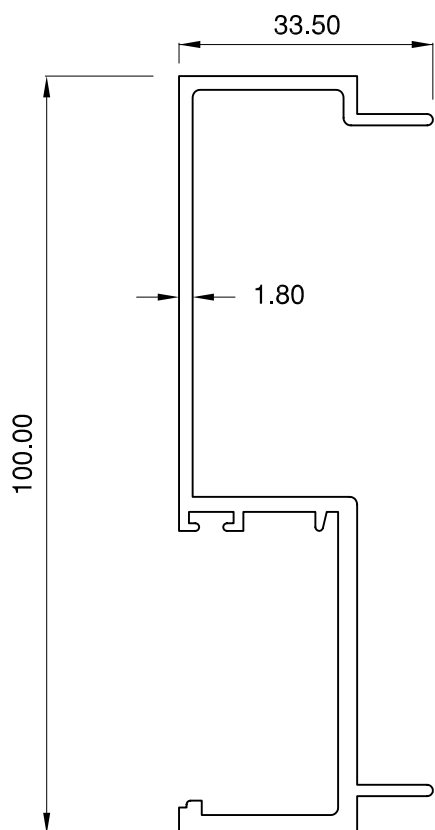
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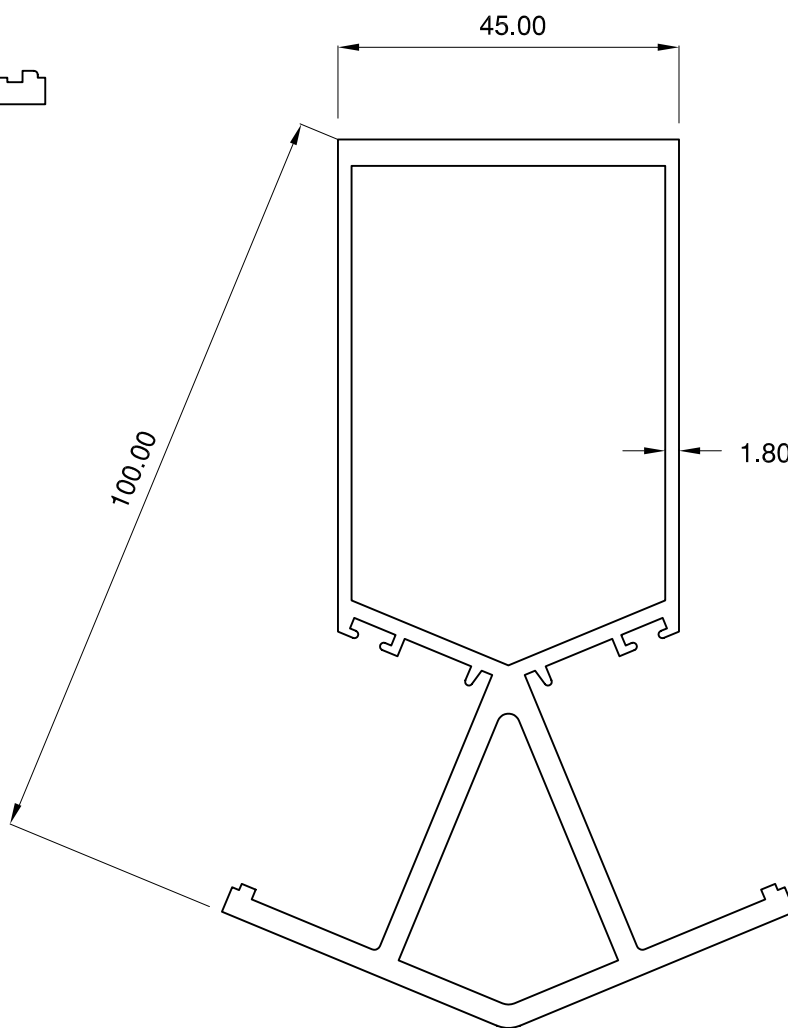
5944

WT : 1.992 Kg/m
AP : 416.30 mm



5945

WT : 1.083 Kg/m
AP : 400.78 mm



6772

WT : 2.618 Kg/m
AP : 463.45 mm



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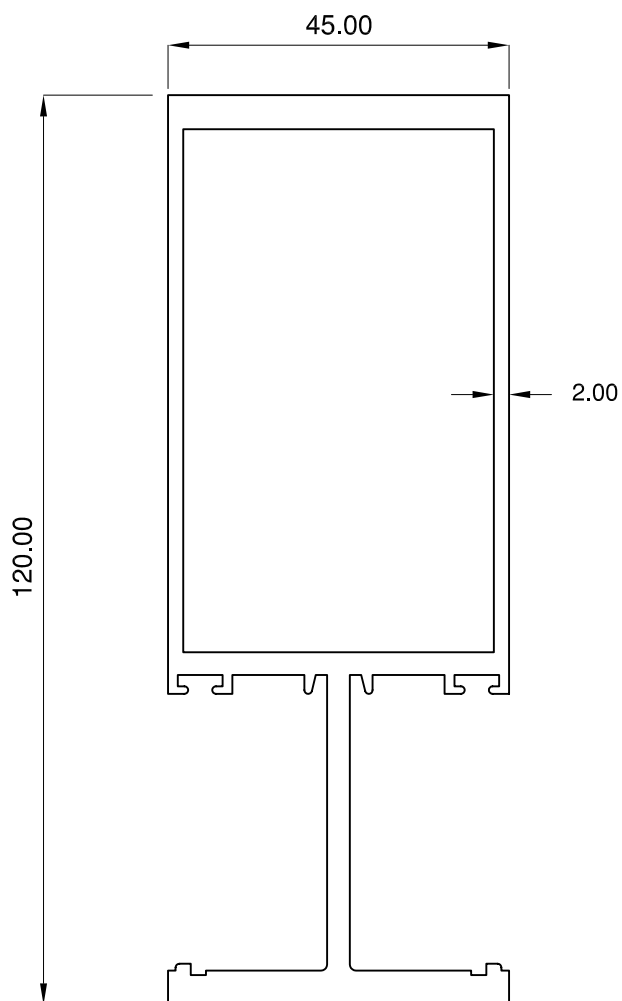
CURTAIN WALL

COMSASH™

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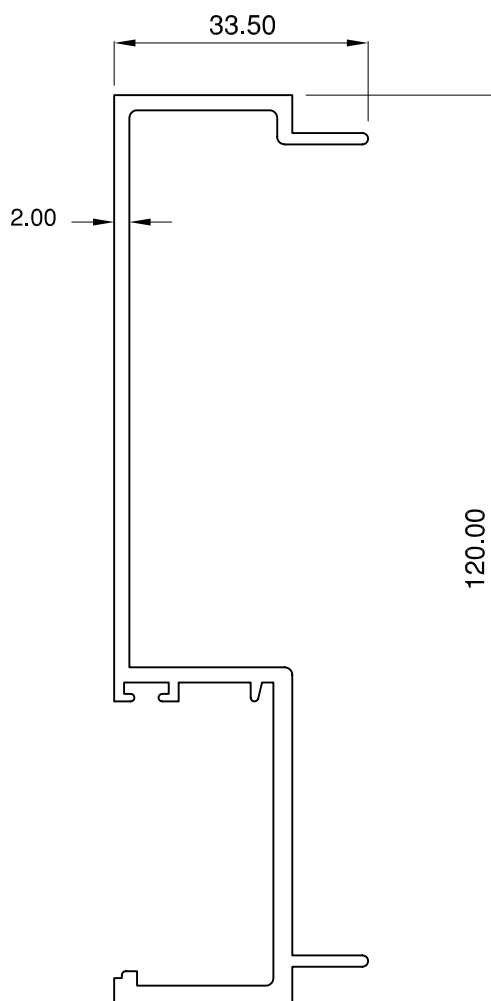
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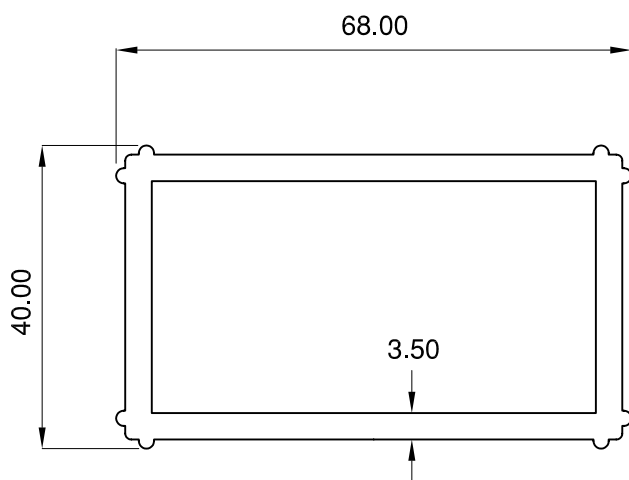
7794

WT : 2.598 Kg/m
AP : 456.31 mm



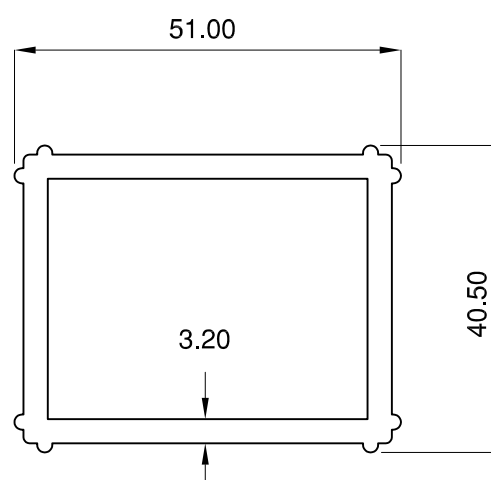
7795

WT : 1.244 Kg/m
AP : 441.44 mm



7834

WT : 1.866 Kg/m
AP : 217.36 mm



7891

WT : 1.326 Kg/m
AP : 184.36 mm



PRESS METAL
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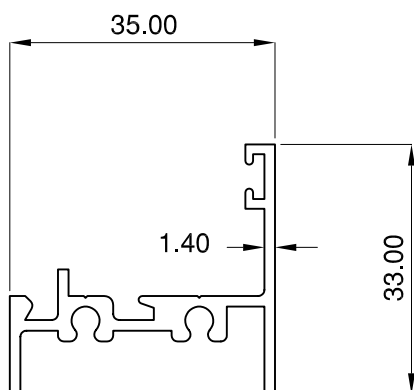
CURTAIN WALL

COMSASH™

REF : CW COMSASH Page: 5

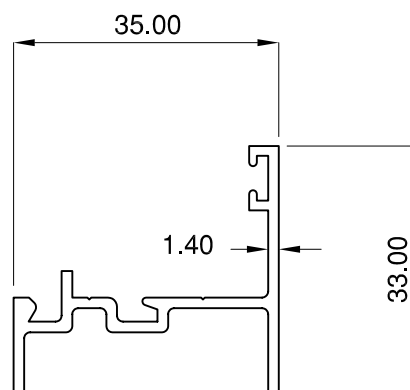
DATE : 1.1.2015

REPLACES :



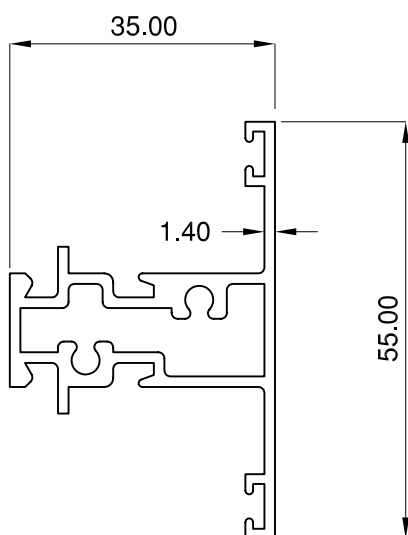
5485

WT : 0.483 Kg/m
AP : 215.47 mm



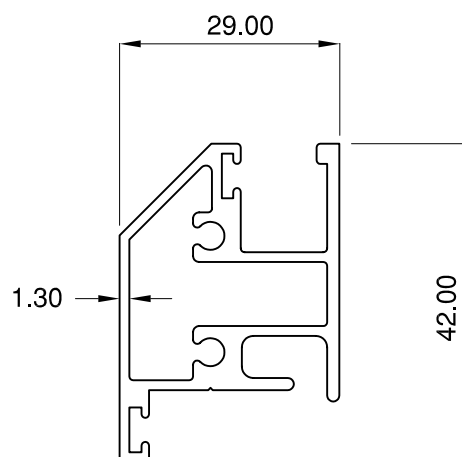
5486

WT : 0.388 Kg/m
AP : 204.22 mm



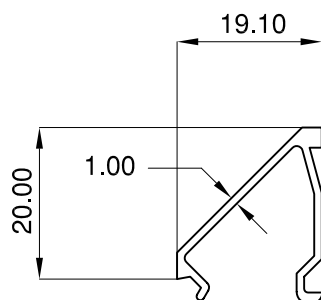
5487

WT : 0.802 Kg/m
AP : 253.01 mm



12048

WT : 0.745 Kg/m
AP : 212.33 mm



5484A

WT : 0.177 Kg/m
AP : 116.29 mm



PRESS METAL
ACE High Performance Systems

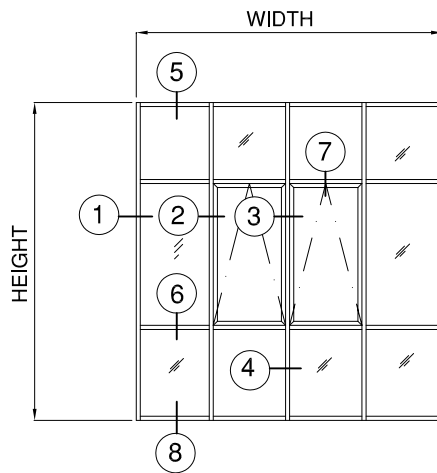
CURTAIN WALL

COMWALL™ S

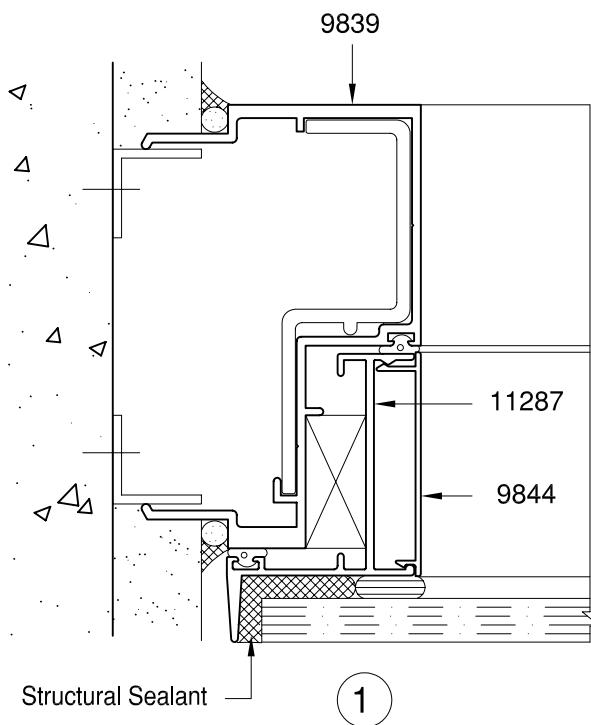
REF : CW S Page: 1

DATE : 1.1.2015

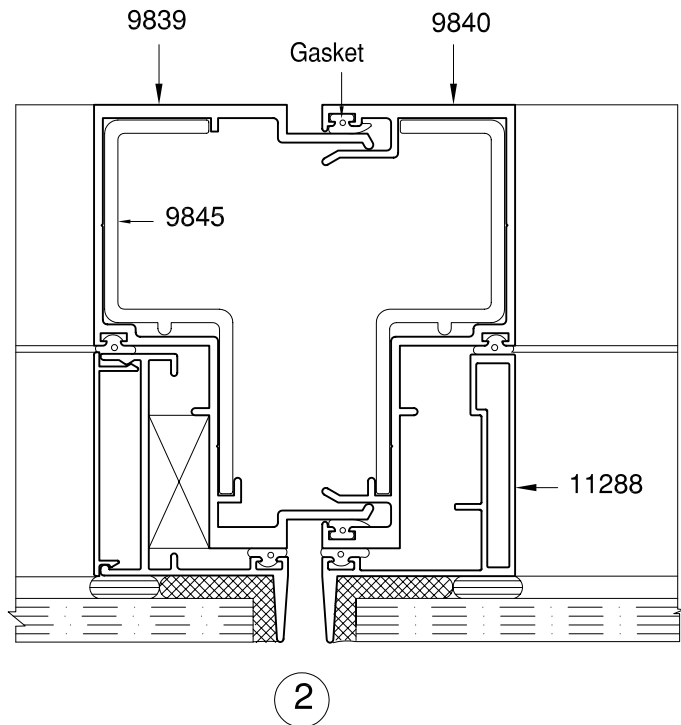
REPLACES :



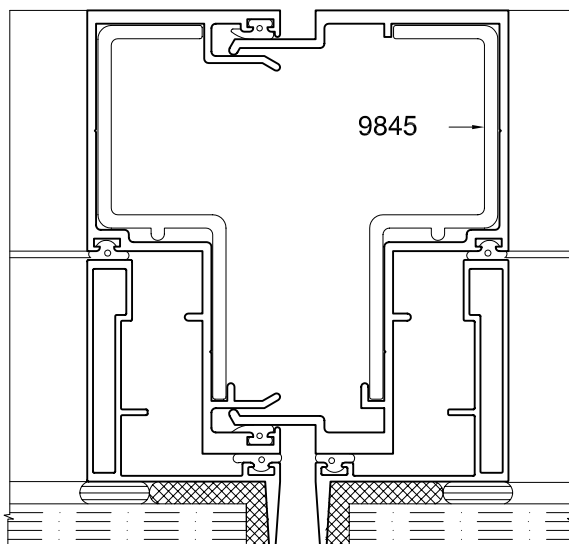
ELEVATION



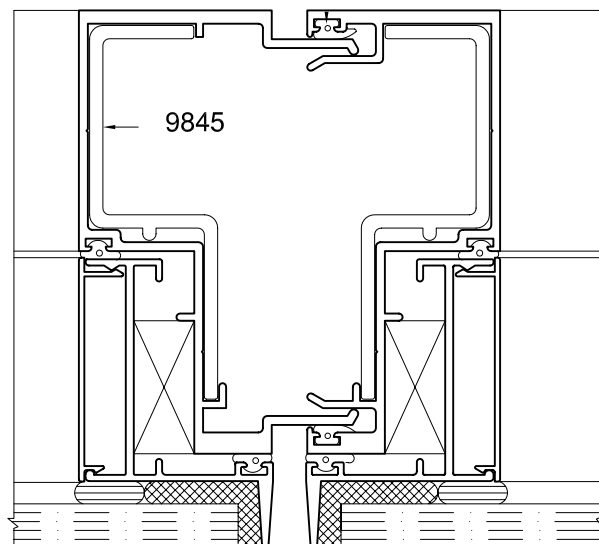
1



2



3



4



PRESS METAL
ACE High Performance Systems

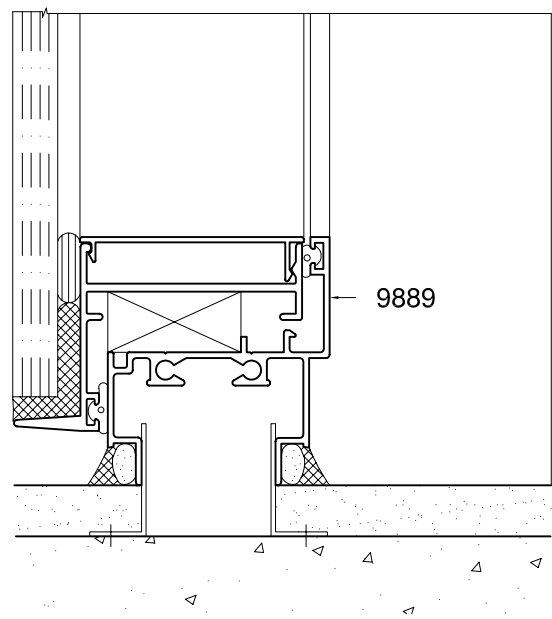
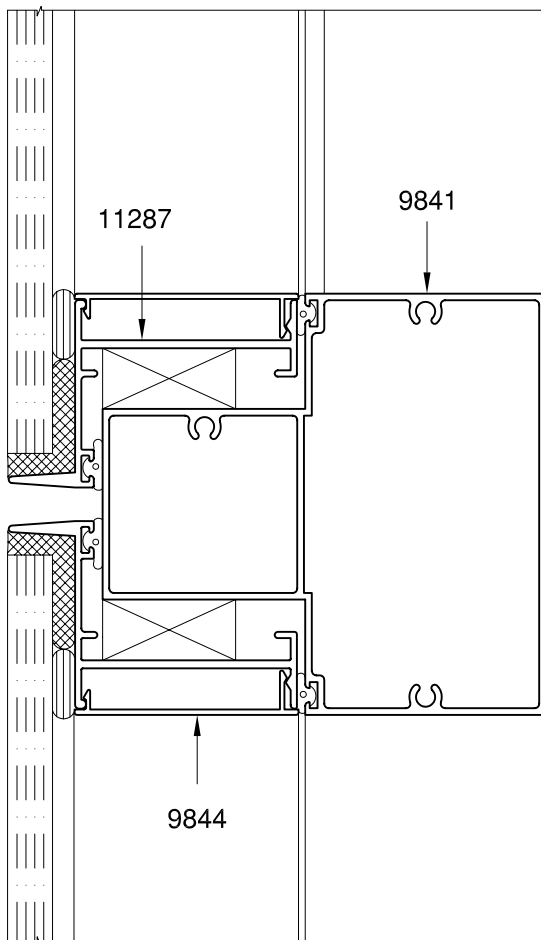
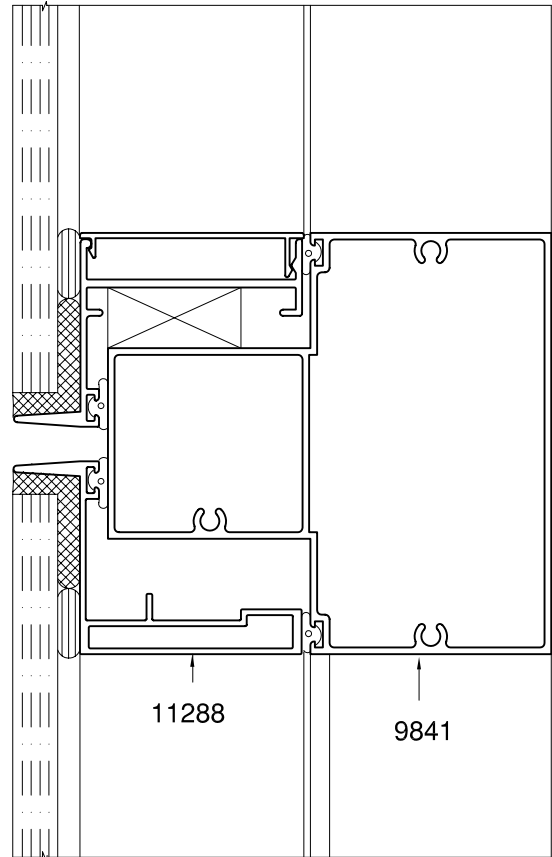
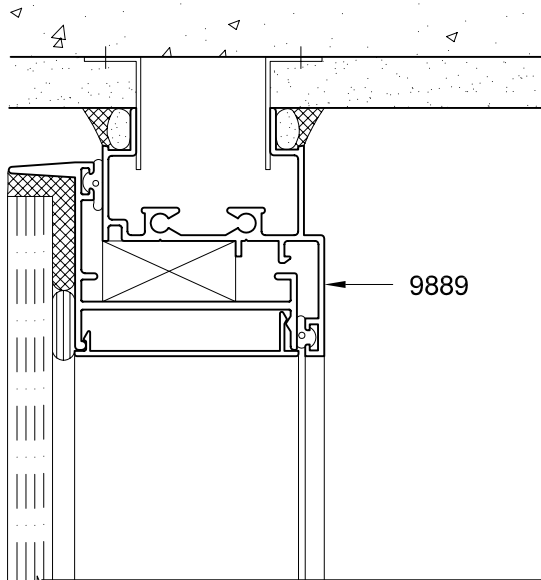
CURTAIN WALL

COMWALL™ S

REF : CW S Page: 2

DATE : 1.1.2015

REPLACES :





PRESS METAL
ACE High Performance Systems

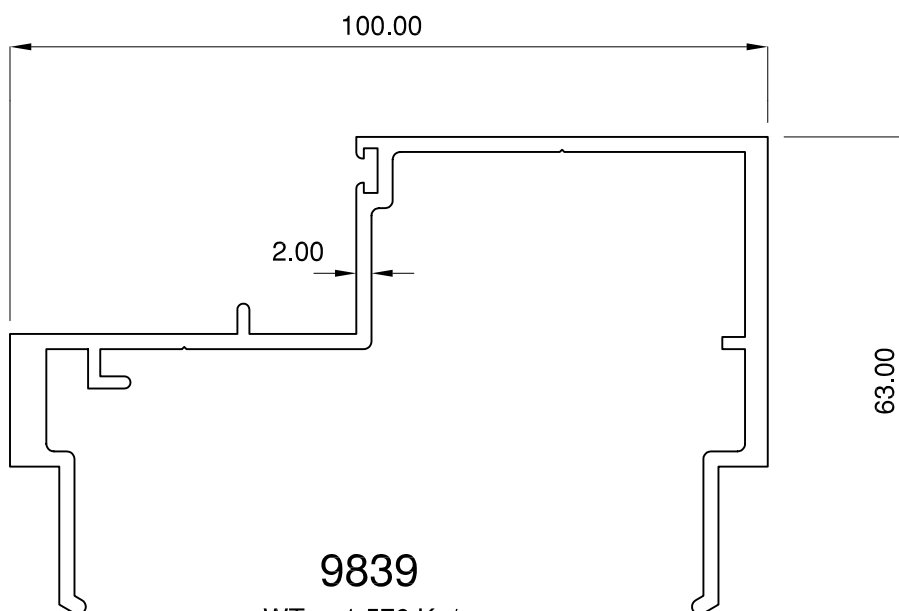
CURTAIN WALL

COMWALL™ S

REF : CW S Page: 3

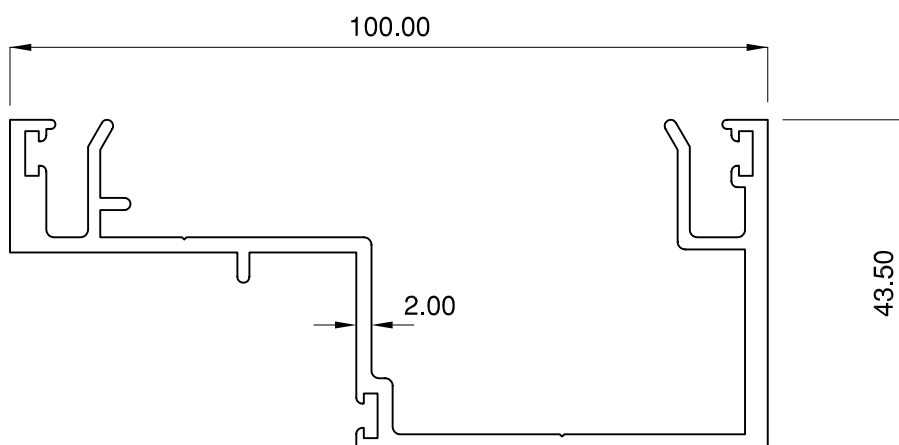
DATE : 1.1.2015

REPLACES :



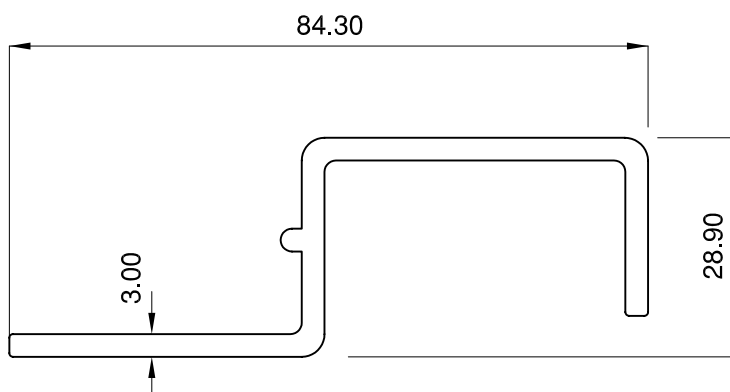
9839

WT : 1.576 Kg/m
AP : 506.55 mm



9840

WT : 1.423 Kg/m
AP : 499.49 mm



9845

WT : 1.070 Kg/m
AP : 265.02 mm



PRESS METAL
ACE High Performance Systems

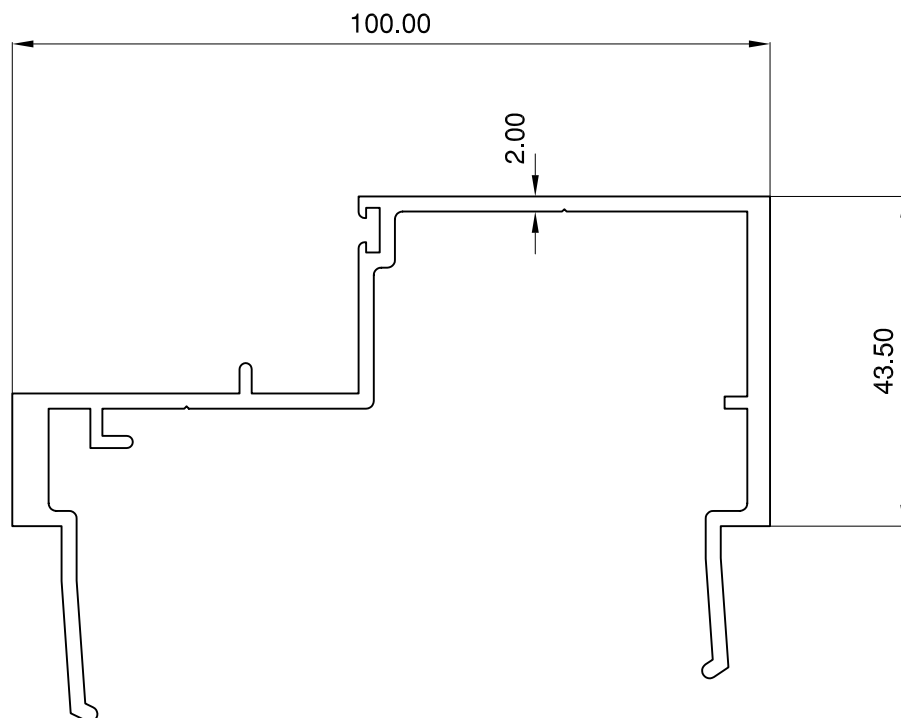
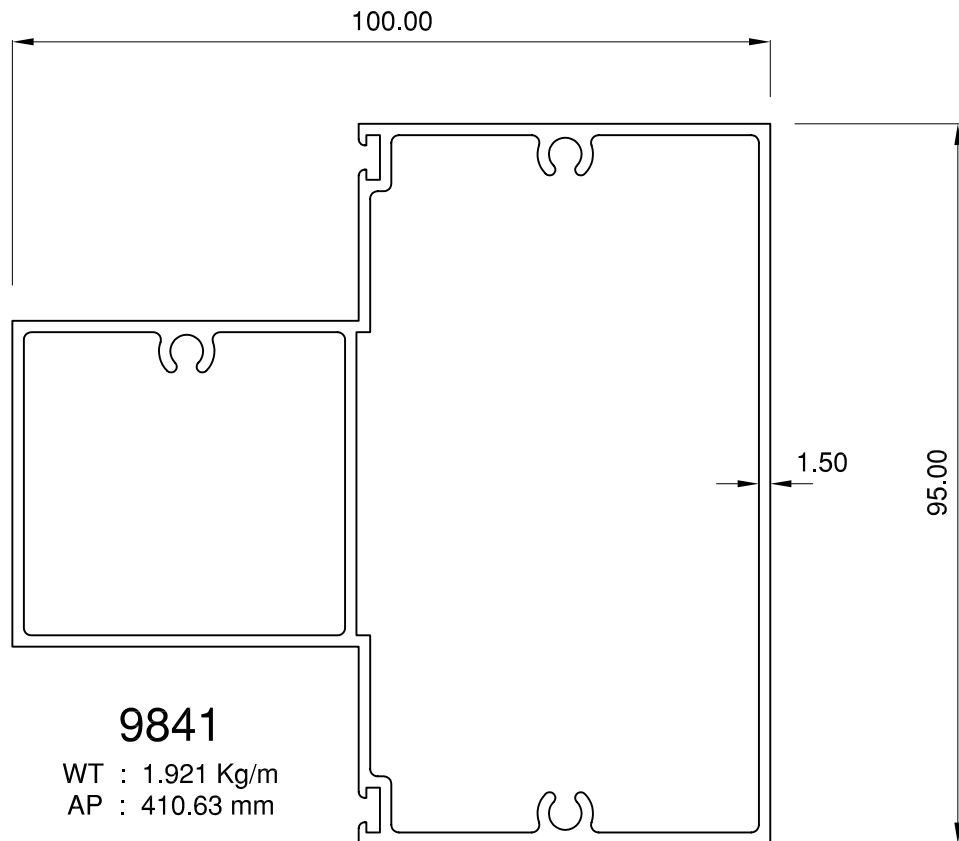
CURTAIN WALL

COMWALL™ S

REF : CW S Page: 4

DATE : 1.1.2015

REPLACES :





PRESS METAL
ACE High Performance Systems

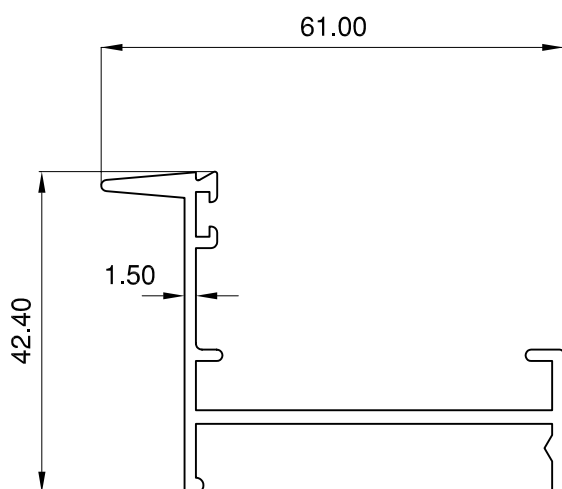
CURTAIN WALL

COMWALL™ S

REF : CW S Page: 5

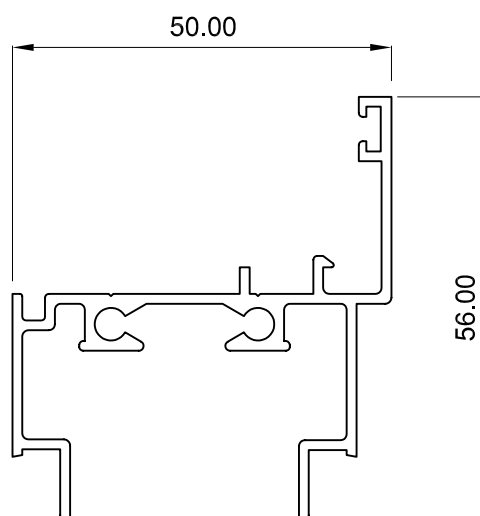
DATE : 1.1.2015

REPLACES :



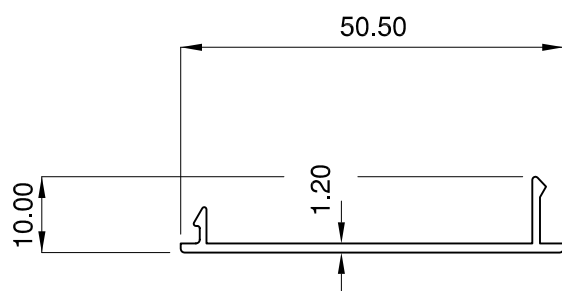
9843

WT : 0.616 Kg/m
AP : 268.56 mm



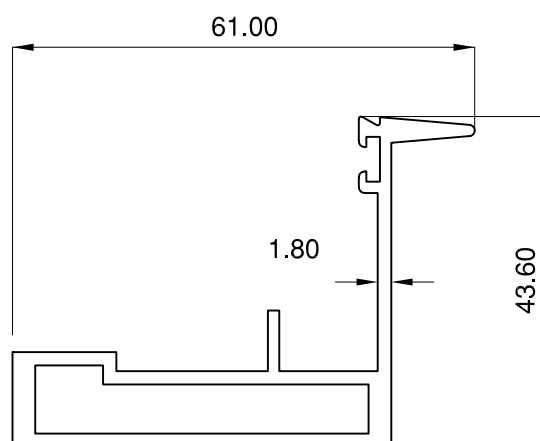
9889

WT : 0.735 Kg/m
AP : 384.84 mm



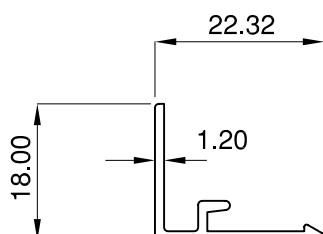
9844

WT : 0.204 Kg/m
AP : 130.33 mm



9842

WT : 0.902 Kg/m
AP : 243.77 mm



9877

WT : 0.152 Kg/m
AP : 93.18 mm



PRESS METAL
ACE High Performance Systems

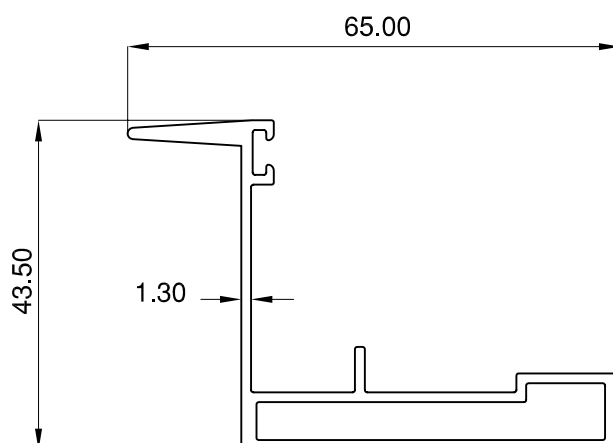
CURTAIN WALL

COMWALL™ S

REF : CW S Page: 6

DATE : 1.1.2015

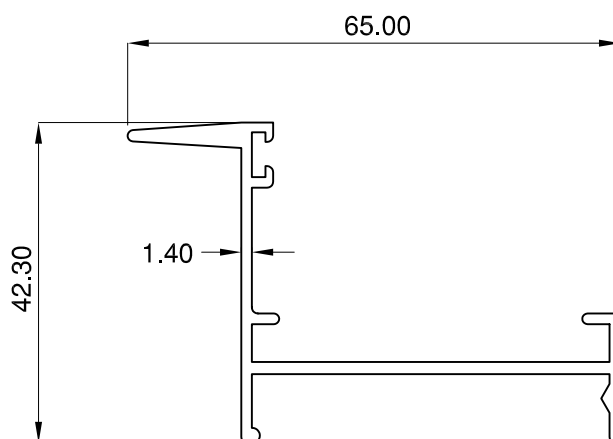
REPLACES :



11288

WT : 0.701 Kg/m

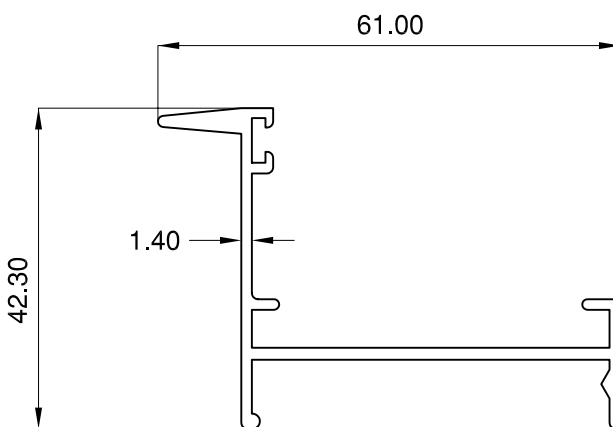
AP : 245.39 mm



11287

WT : 0.587 Kg/m

AP : 272.37 mm



11289

WT : 0.560 Kg/m

AP : 264.39 mm



PRESS METAL
ACE High Performance Systems

CURTAIN WALL

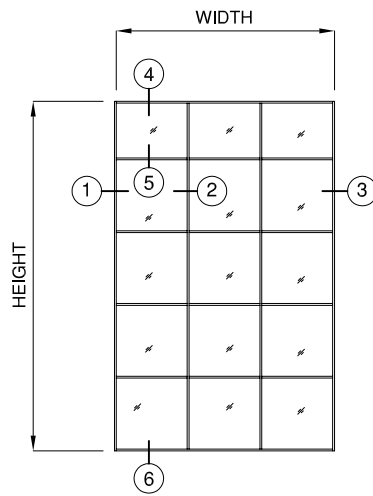
COMWALL™ 135

REF : CW 135 Page: 1

DATE : 1.1.2015

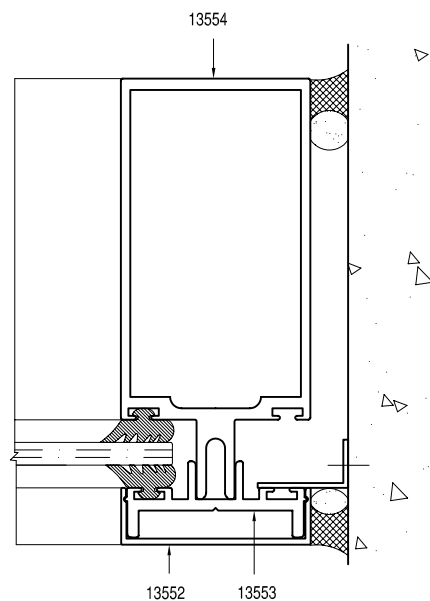
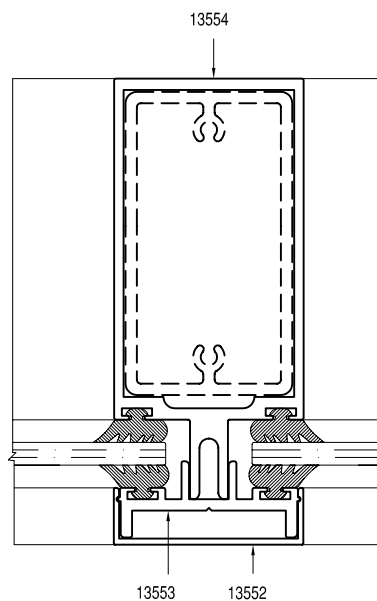
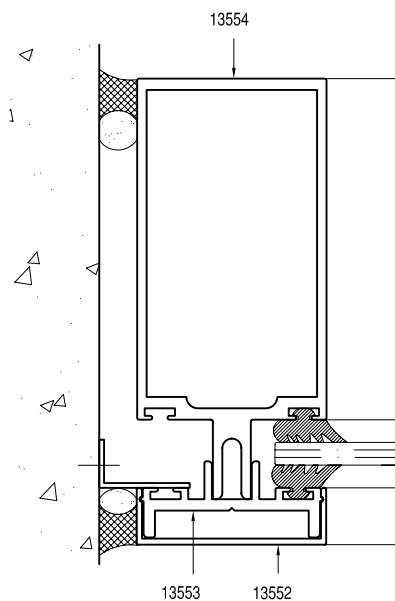
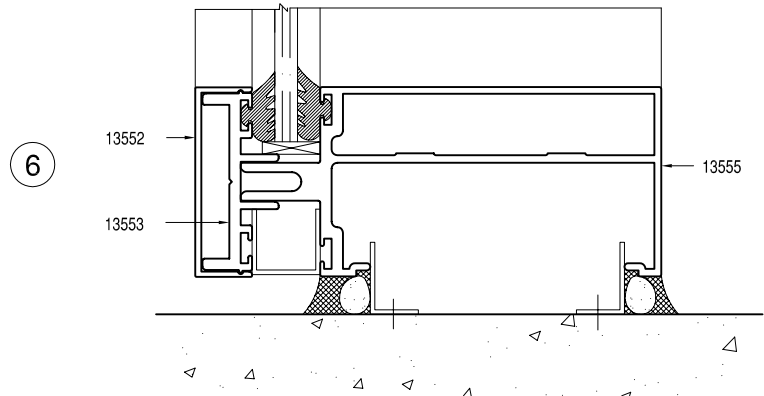
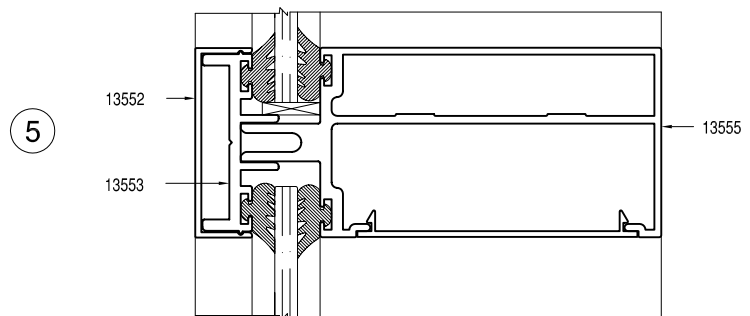
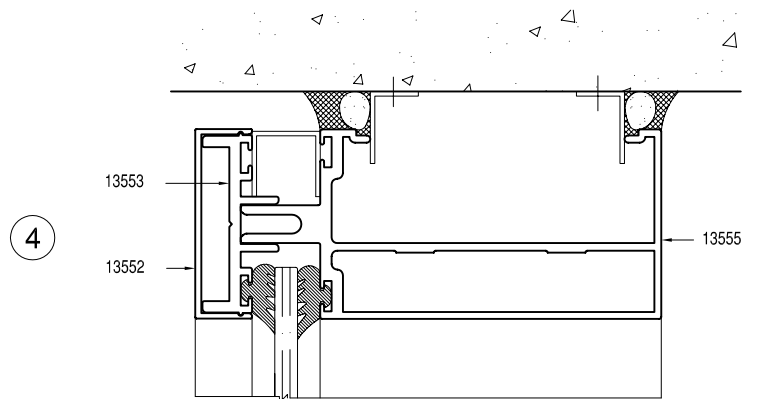
REPLACES :

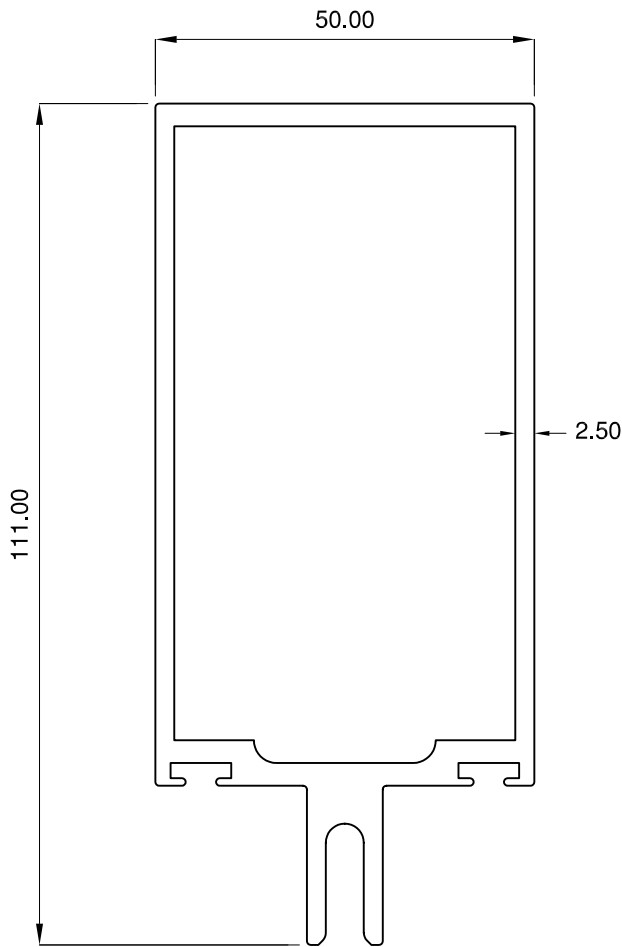
TYPICAL ARRANGEMENT



ELEVATION

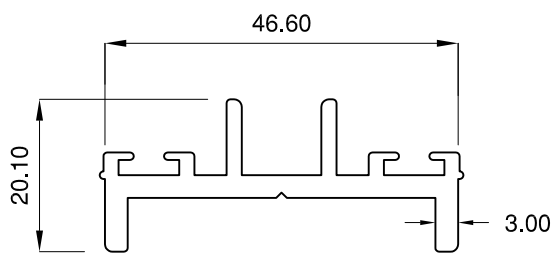
SCALE: NTS





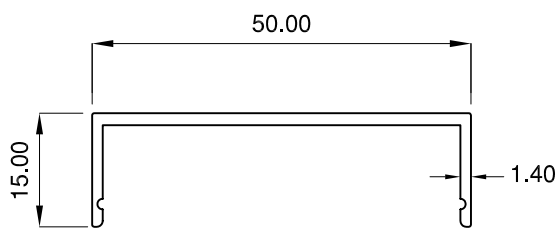
13554

WT : 2.370 Kg/m
AP : 375.12 mm



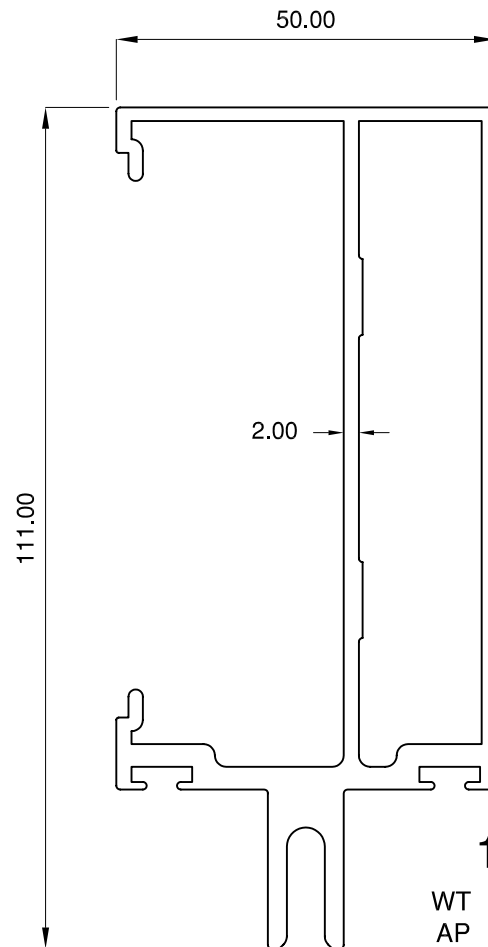
13553

WT : 0.684 Kg/m
AP : 209.47 mm



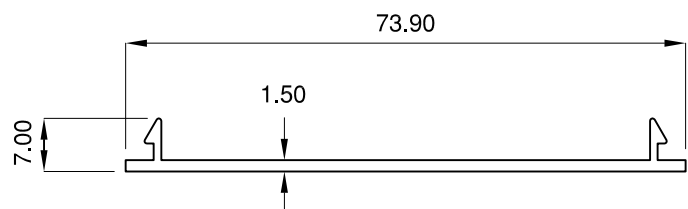
13552

WT : 0.312 Kg/m
AP : 157.20 mm



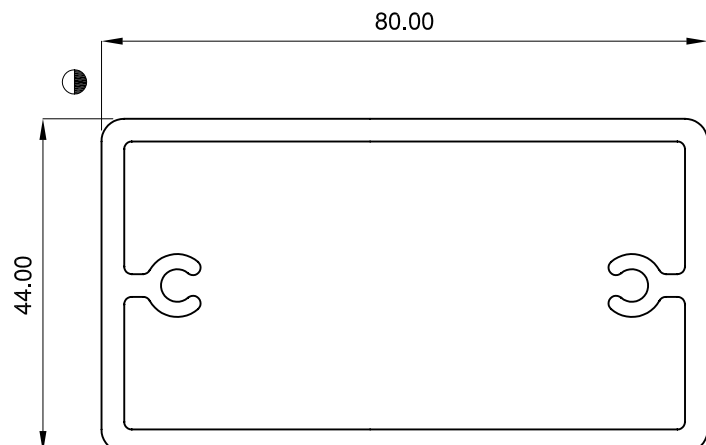
13555

WT : 2.029 Kg/m
AP : 472.21 mm



13556

WT : 0.337 Kg/m
AP : 174.52 mm



Note:

● Shape are indicative only and are available only on request



PRESS METAL
ACE High Performance Systems

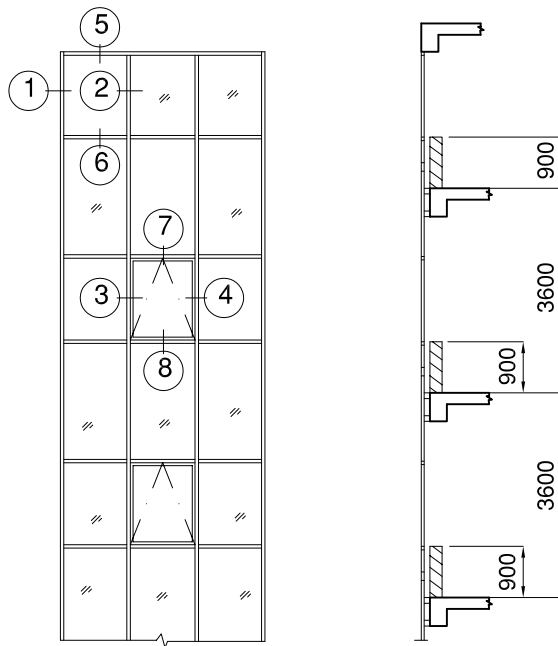
CURTAIN WALL

COMWALL™ M

REF : CW M Page: 1

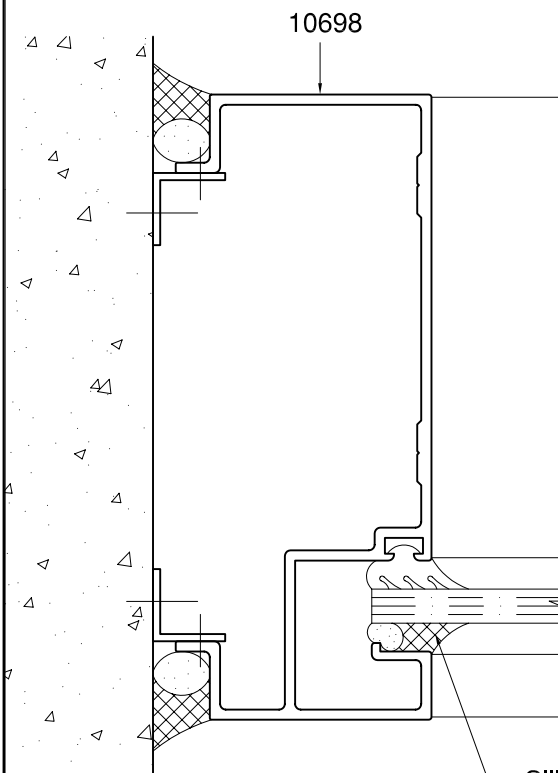
DATE : 1.1.2015

REPLACES :



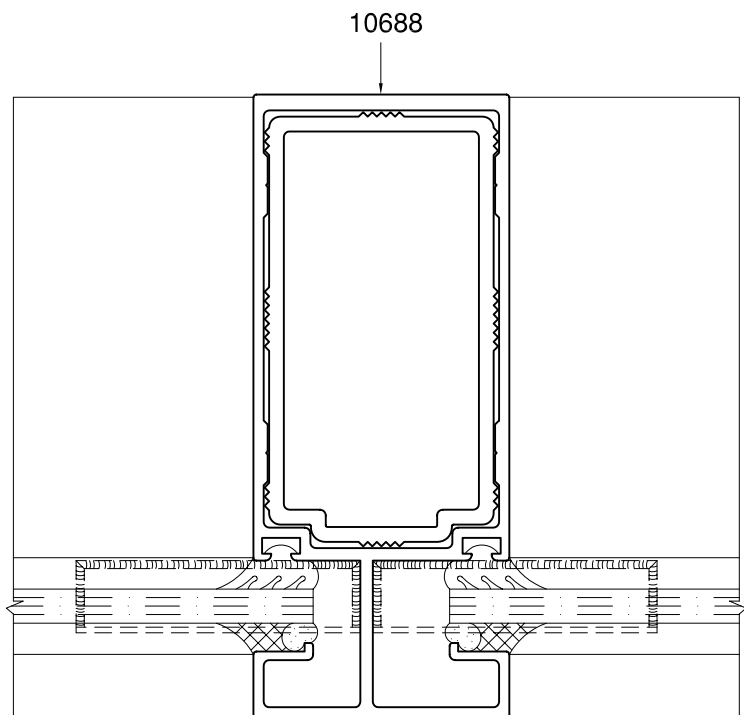
ELEVATION
SCALE : NTS

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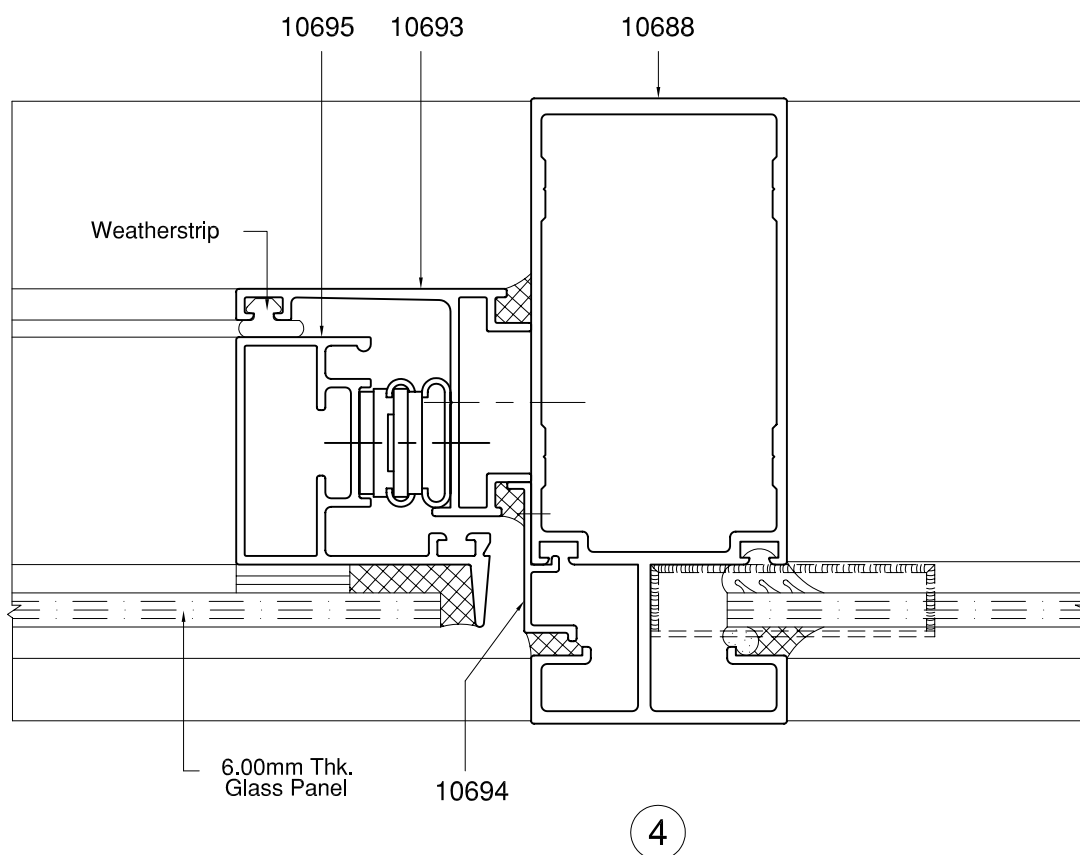
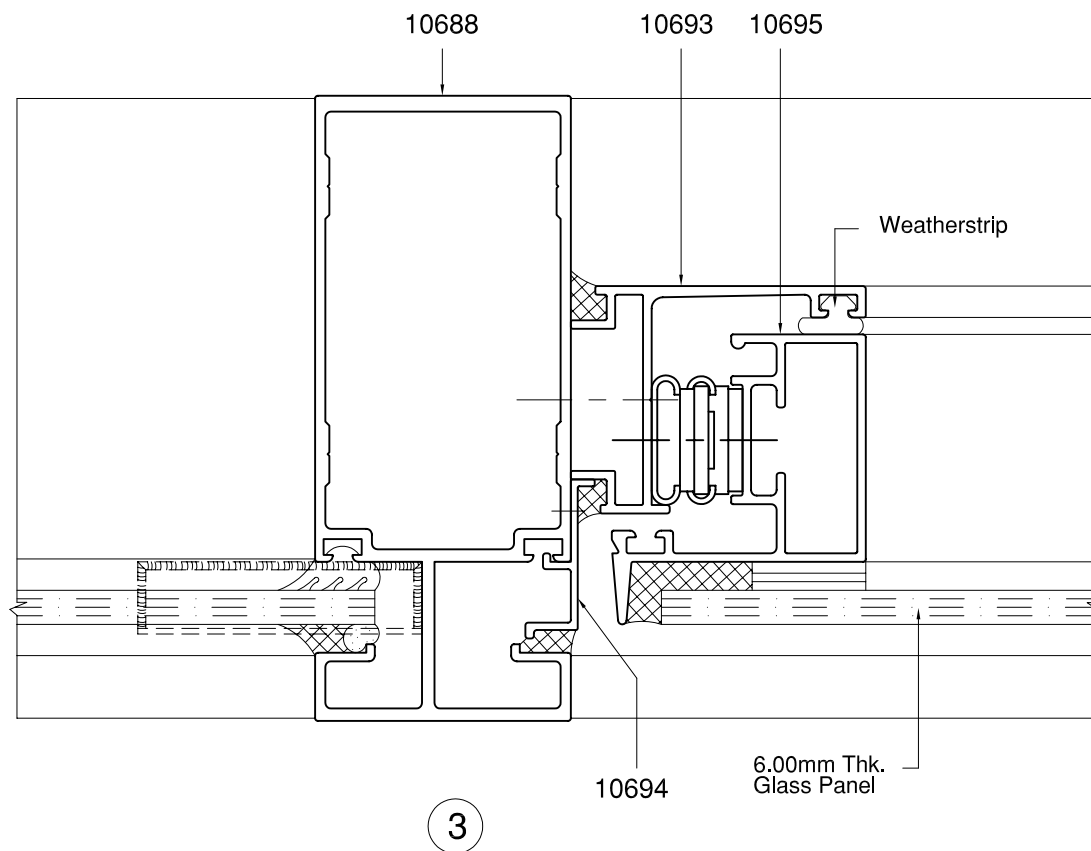


1

Silicone Sealant

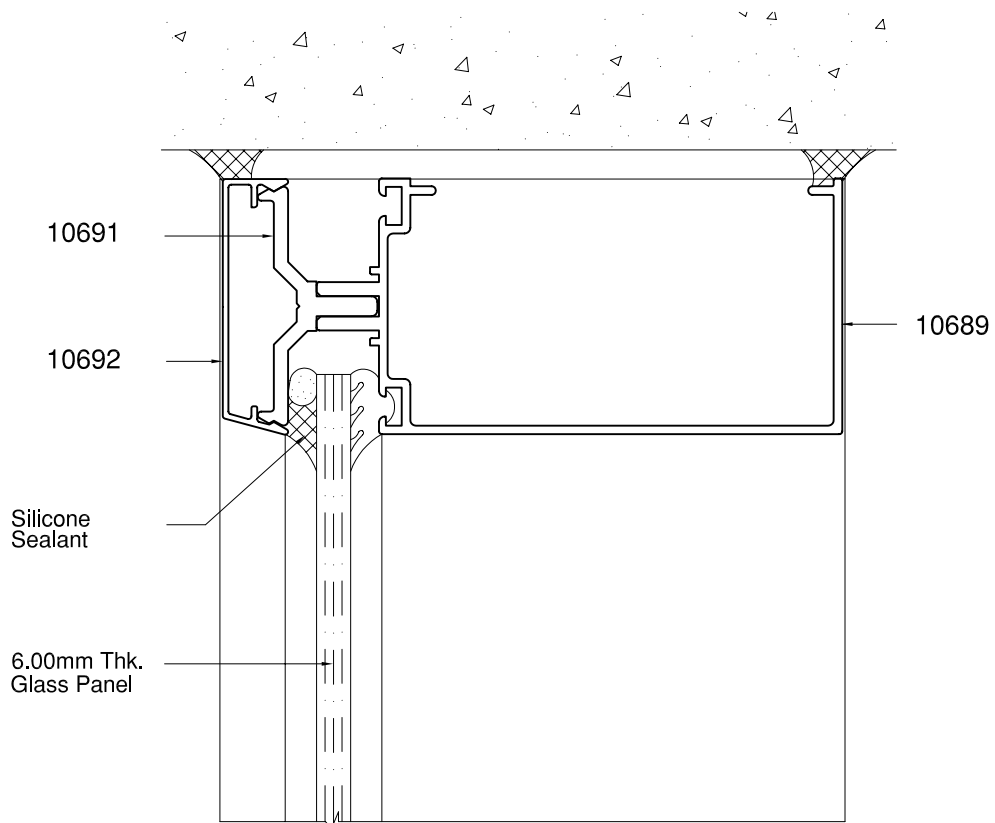


2

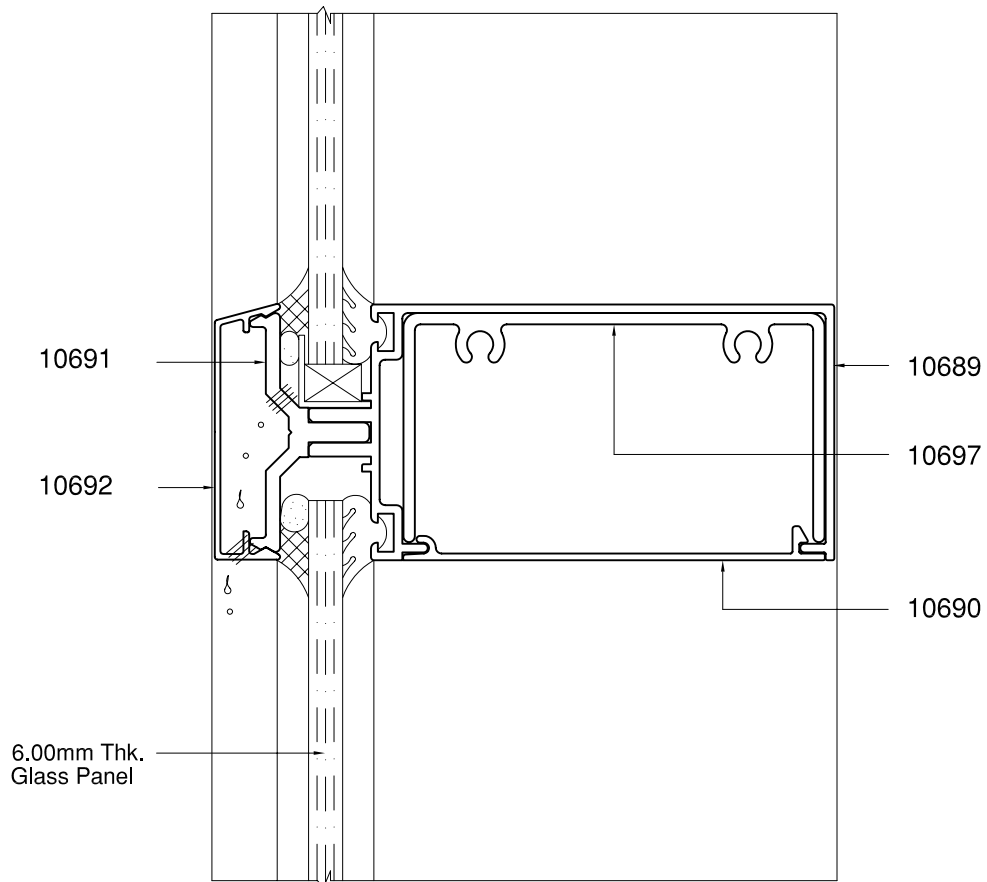




5

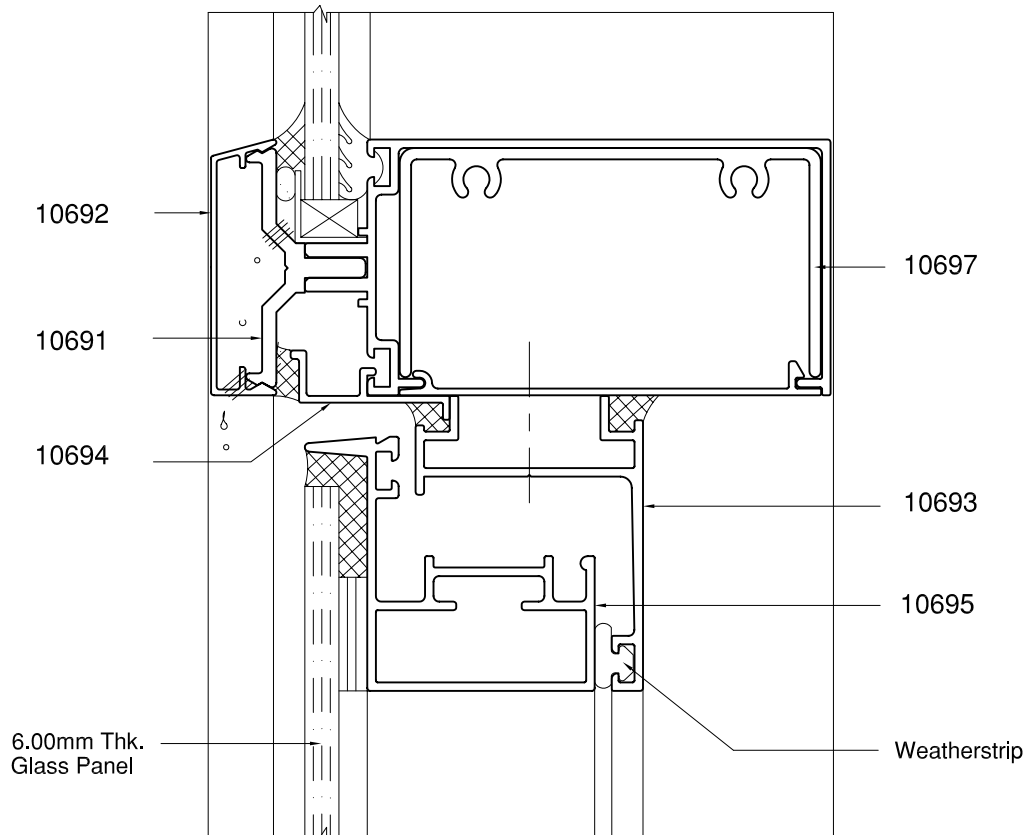


6

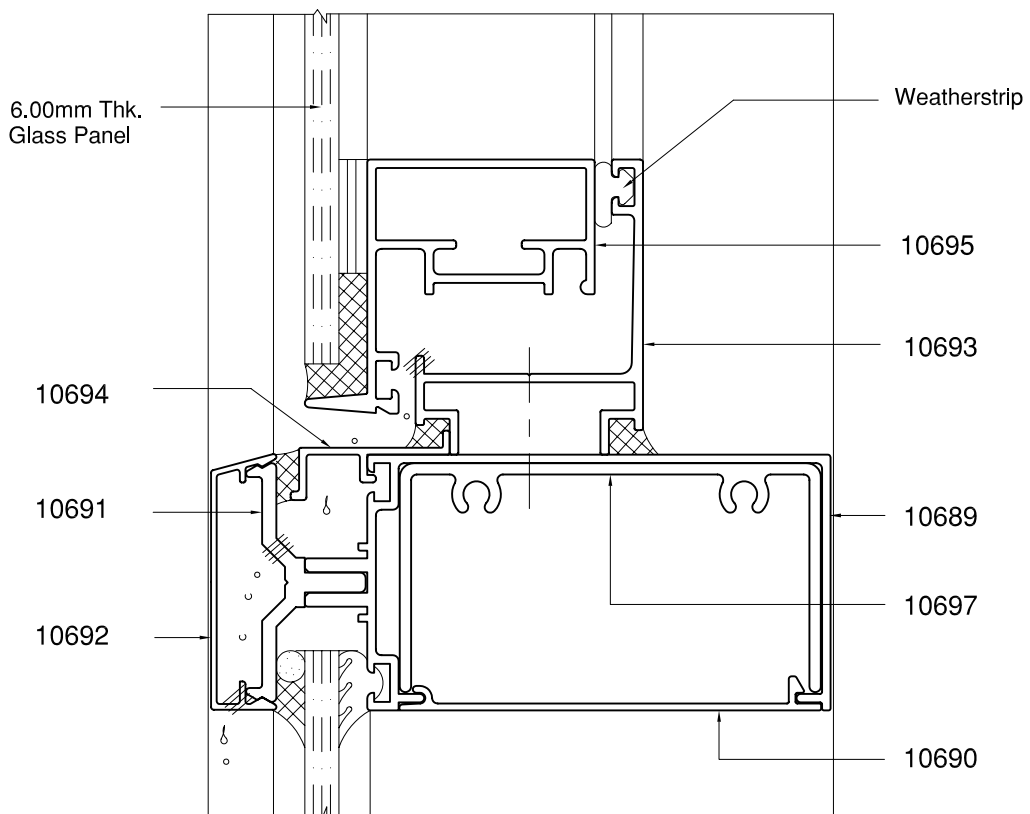




7



8





PRESS METAL
ACE High Performance Systems

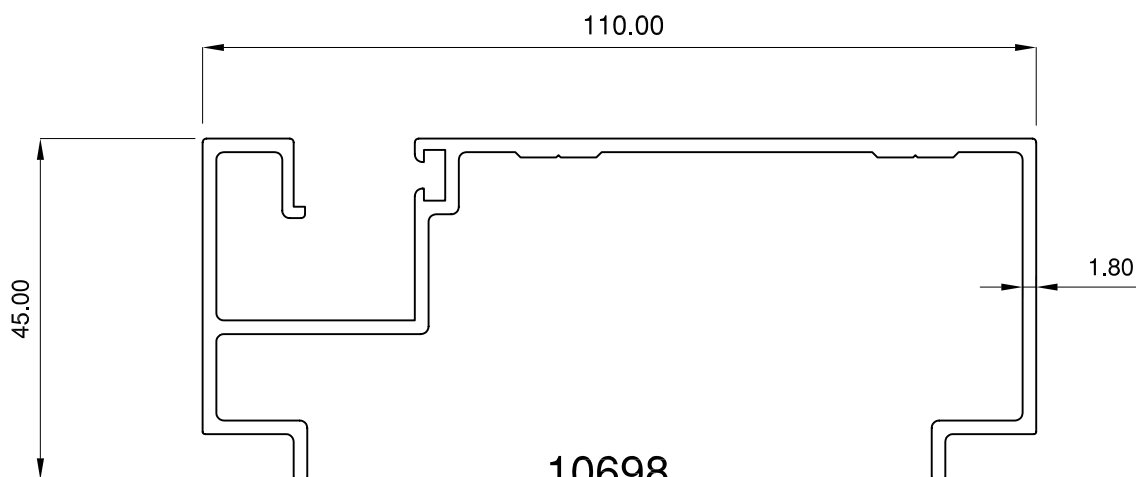
CURTAIN WALL

COMWALL™ M

REF : CW M Page: 5

DATE : 1.1.2015

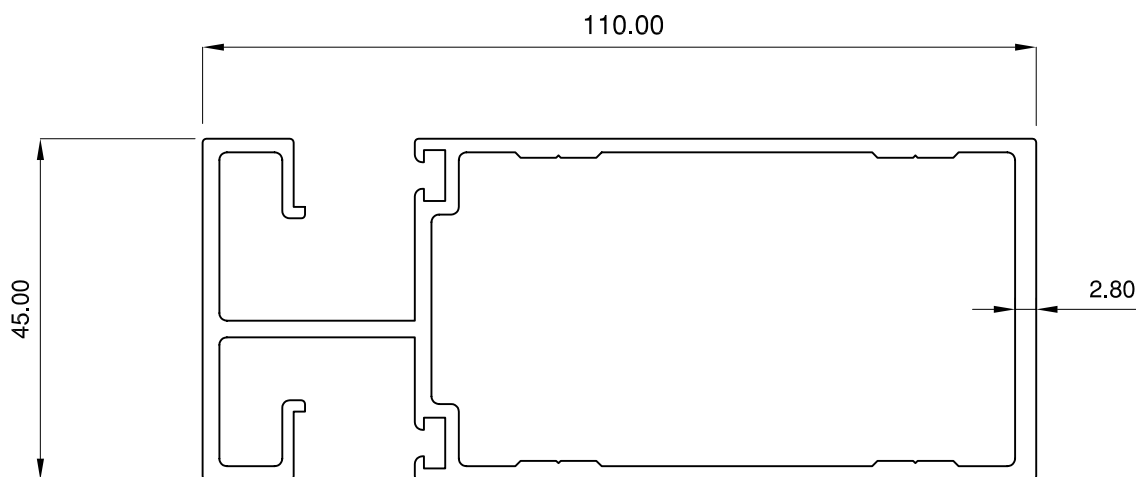
REPLACES :



10698

WT : 1.346 Kg/m

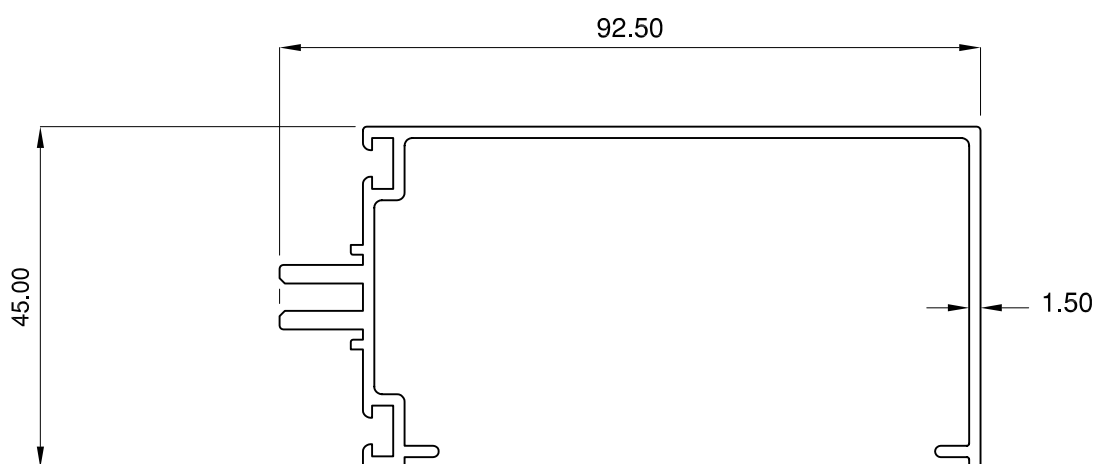
AP : 539.69 mm



10688

WT : 2.071 Kg/m

AP : 497.45 mm



10689

WT : 0.941 Kg/m

AP : 437.30 mm



PRESS METAL
ACE High Performance Systems

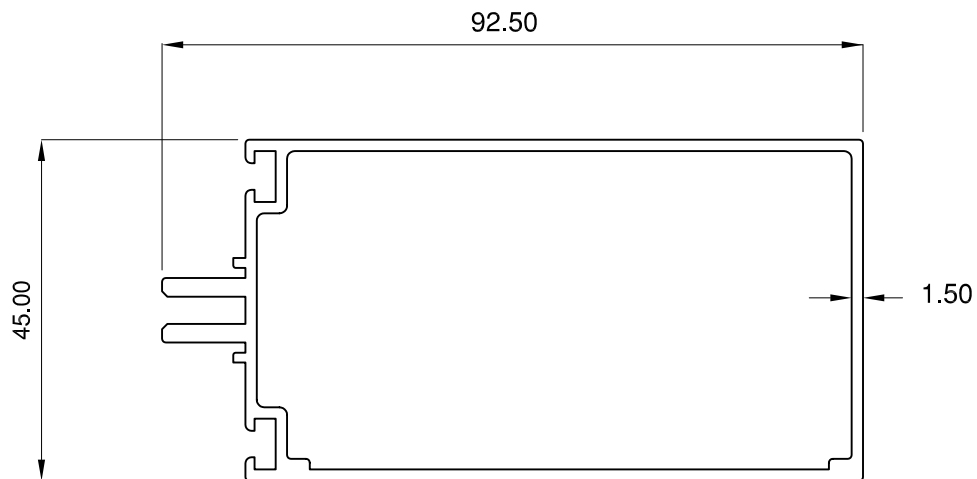
CURTAIN WALL

COMWALL™ M

REF : CW M Page: 6

DATE : 1.1.2015

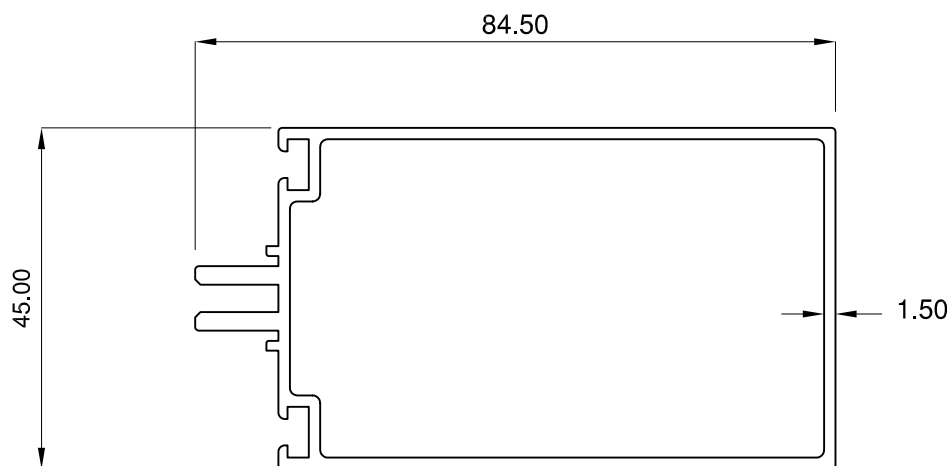
REPLACES :



12282

WT : 1.230 Kg/m

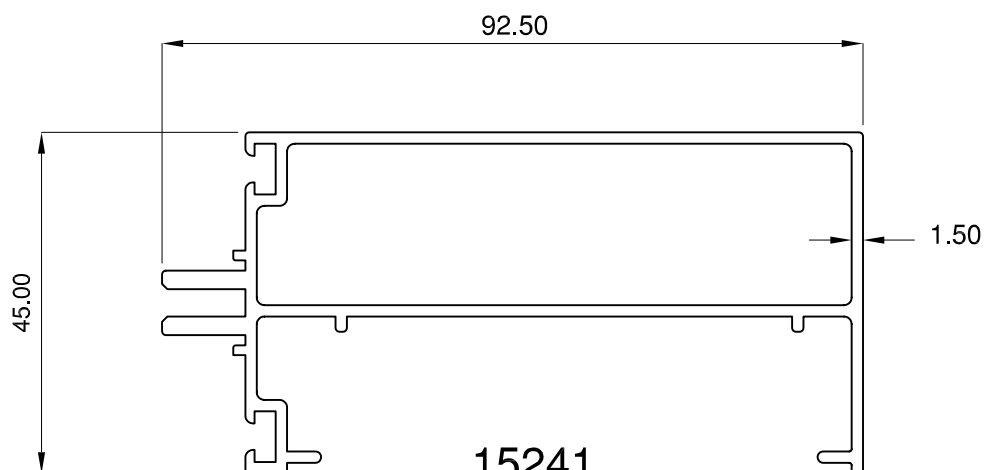
AP : 328.46 mm



14563

WT : 1.148 Kg/m

AP : 312.46 mm



15241

WT : 1.281 Kg/m

AP : 399.35 mm



PRESS METAL
ACE High Performance Systems

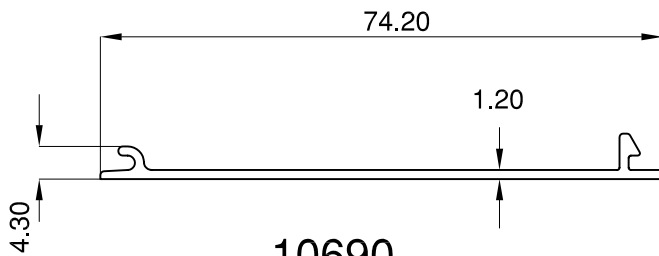
CURTAIN WALL

COMWALL™ M

REF : CW M Page: 7

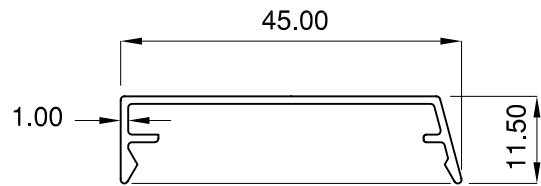
DATE : 1.1.2015

REPLACES :



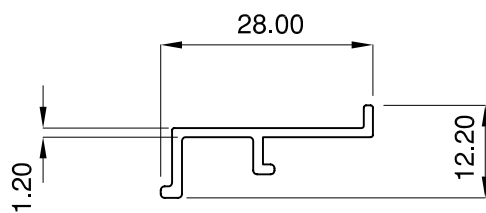
10690

WT : 0.277 Kg/m
AP : 168.66 mm



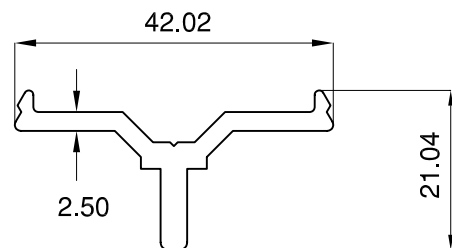
10692

WT : 0.196 Kg/m
AP : 138.21 mm



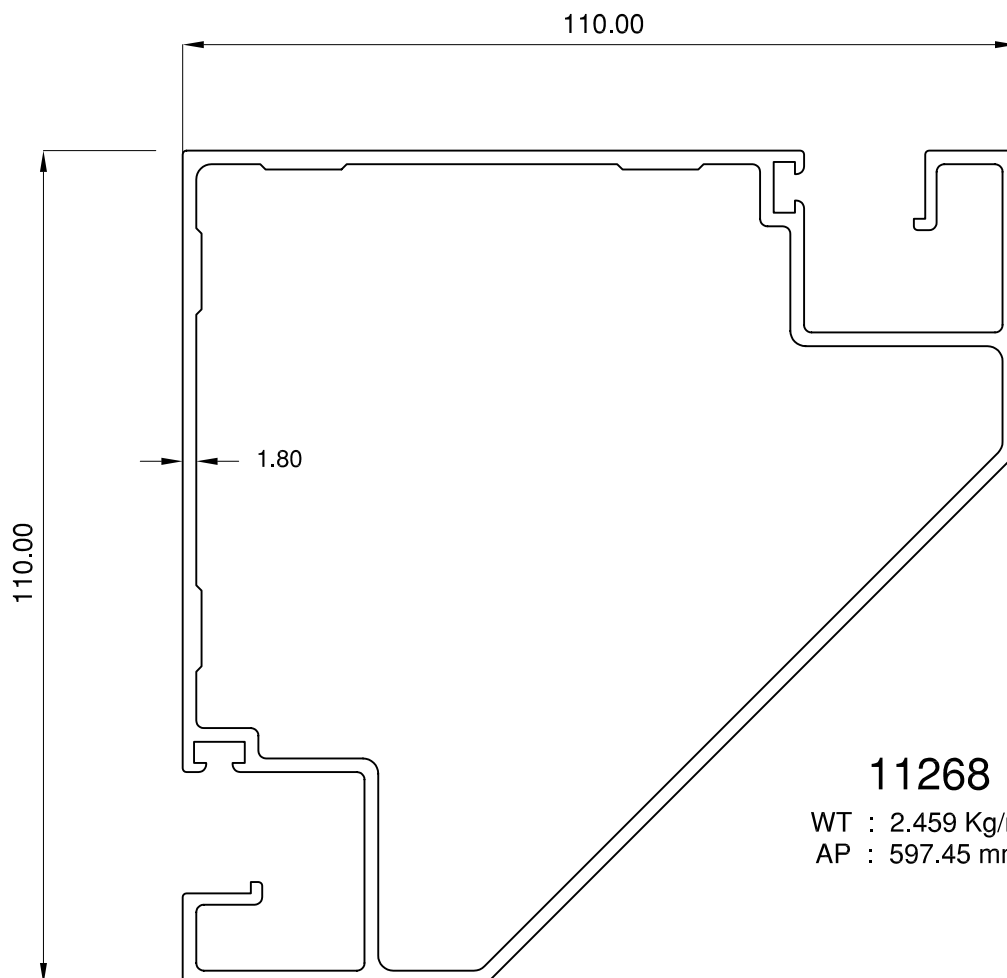
10694

WT : 0.151 Kg/m
AP : 90.20 mm



10691

WT : 0.450 Kg/m
AP : 126.84 mm



11268

WT : 2.459 Kg/m
AP : 597.45 mm



PRESS METAL
ACE High Performance Systems

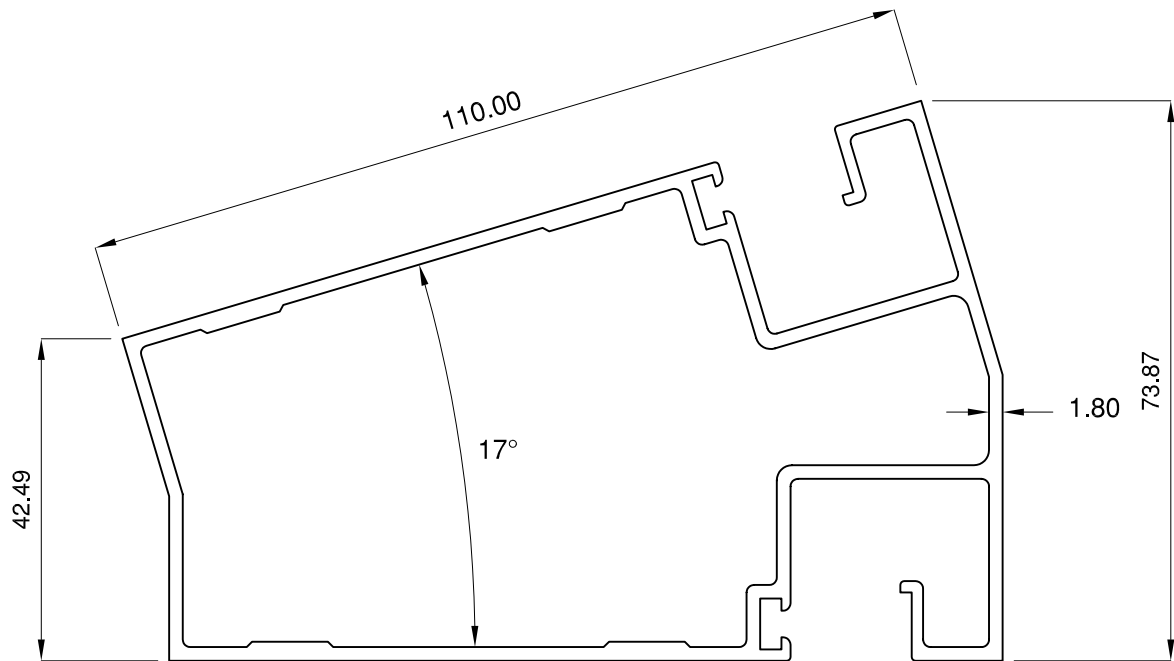
CURTAIN WALL

COMWALL™ M

REF : CW M Page: 8

DATE : 1.1.2015

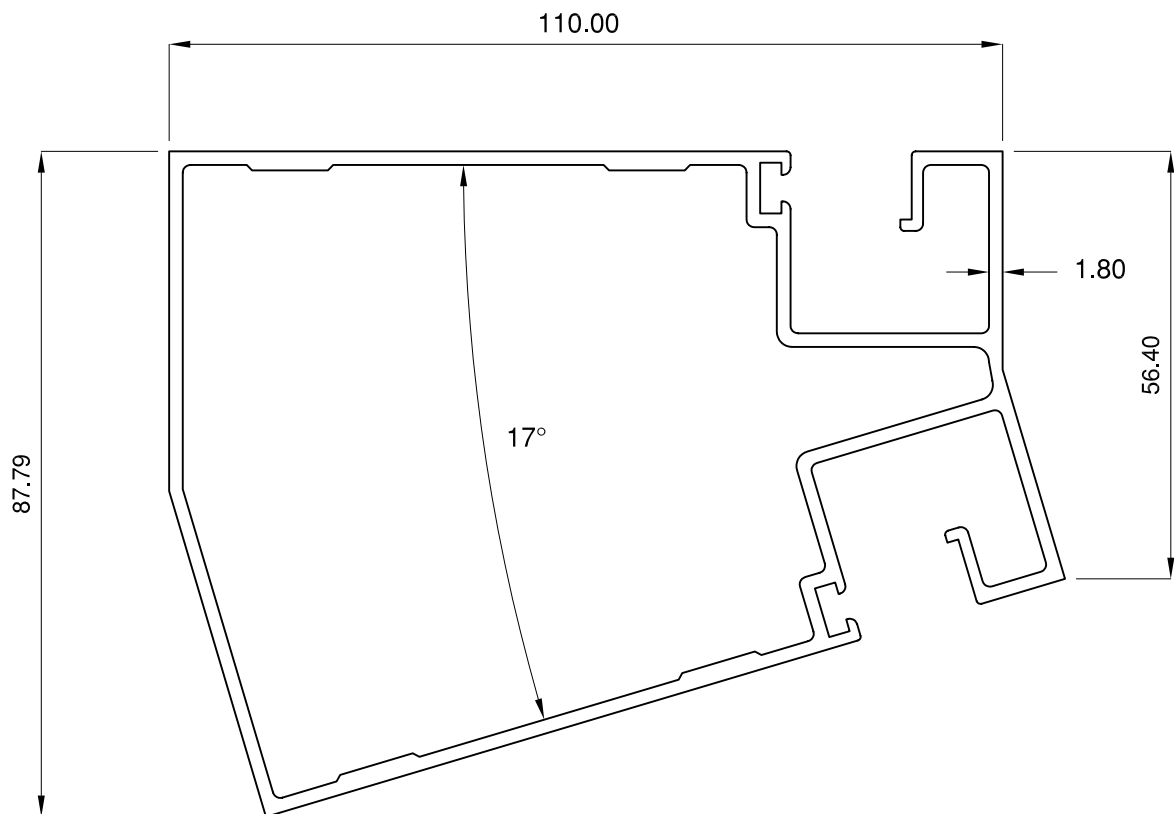
REPLACES :



12281

WT : 2.163 Kg/m

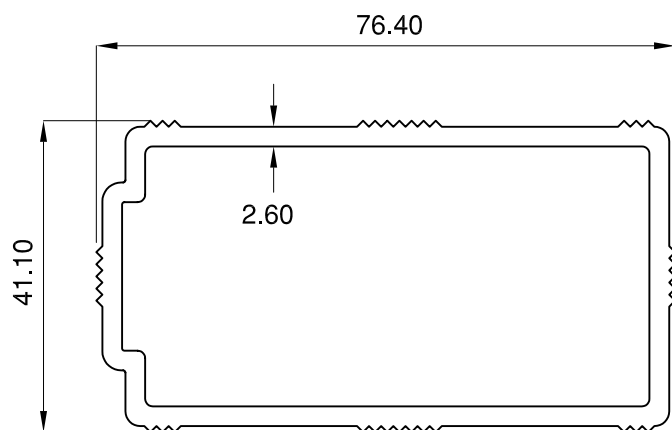
AP : 537.93 mm



14571

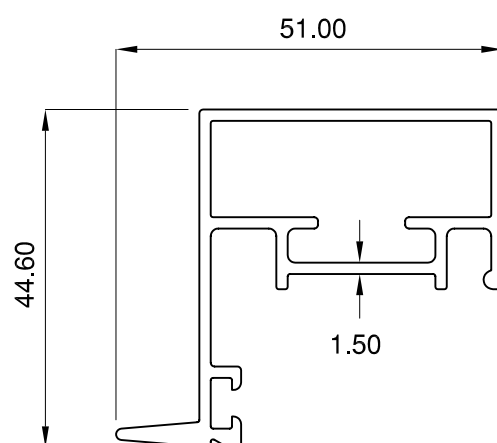
WT : 2.309 Kg/m

AP : 566.36 mm



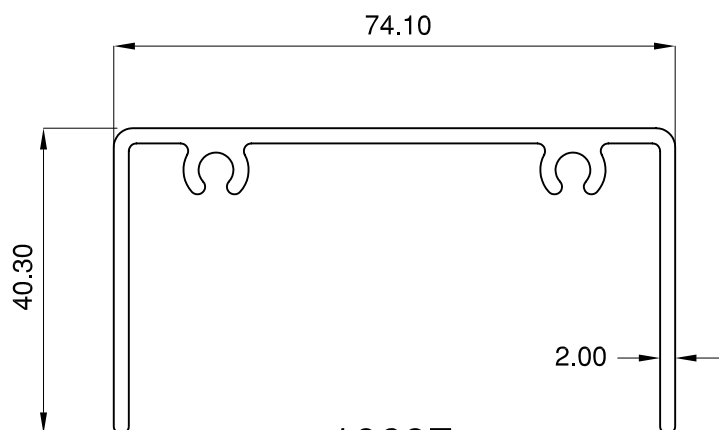
10696

WT : 1.579 Kg/m
AP : 246.71 mm



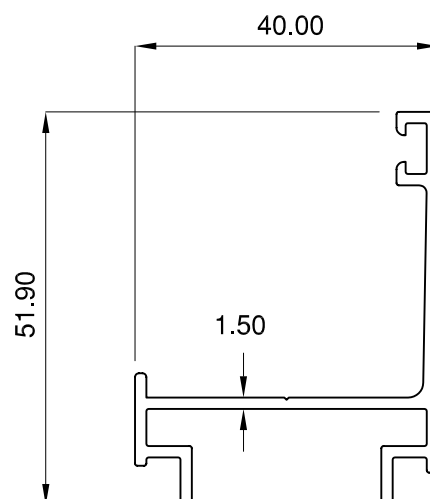
10695

WT : 0.799 Kg/m
AP : 244.40 mm



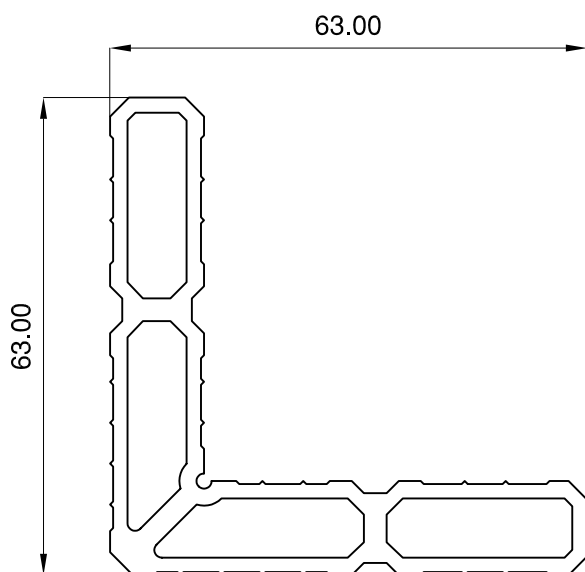
10697

WT : 0.982 Kg/m
AP : 345.22 mm



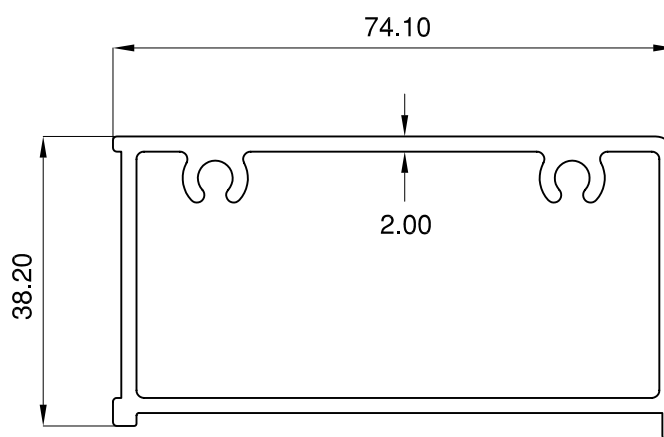
10693

WT : 0.554 Kg/m
AP : 262.10 mm



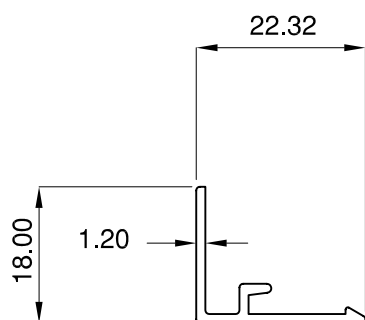
9273B

WT : 1.522 Kg/m
AP : 261.68 mm



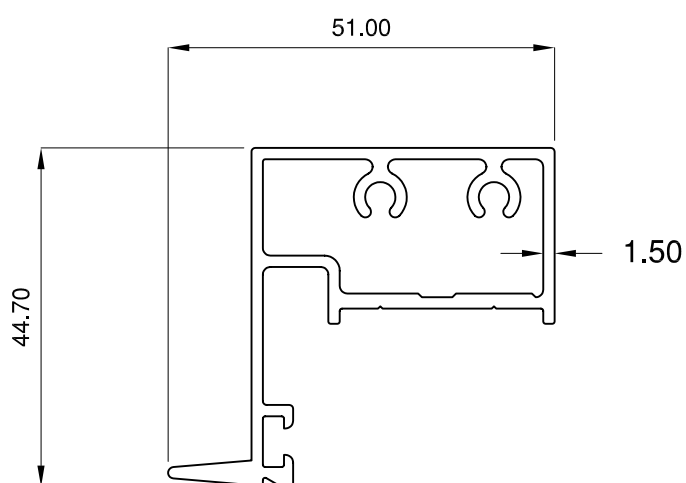
13745

WT : 1.356 Kg/m
AP : 231.52 mm



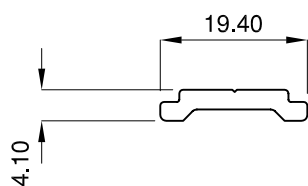
9877

WT : 0.152 Kg/m
AP : 93.18 mm



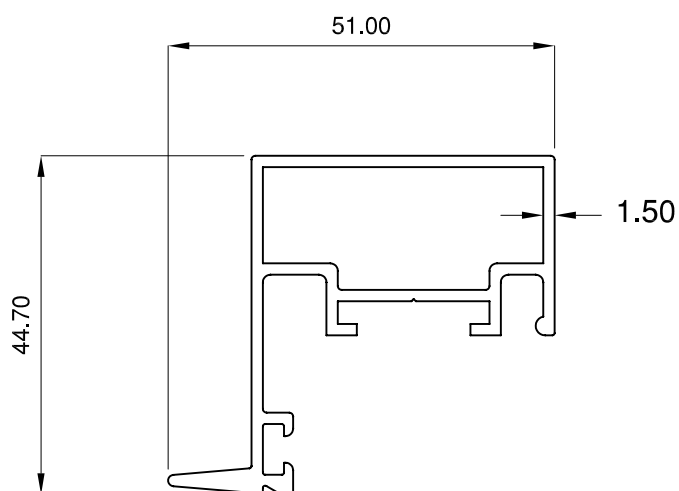
14779

WT : 0.888 Kg/m
AP : 228.04 mm



13881

WT : 0.144 Kg/m
AP : 46.62 mm



16401

WT : 0.811 Kg/m
AP : 260.42 mm



PRESS METAL
ACE High Performance Systems

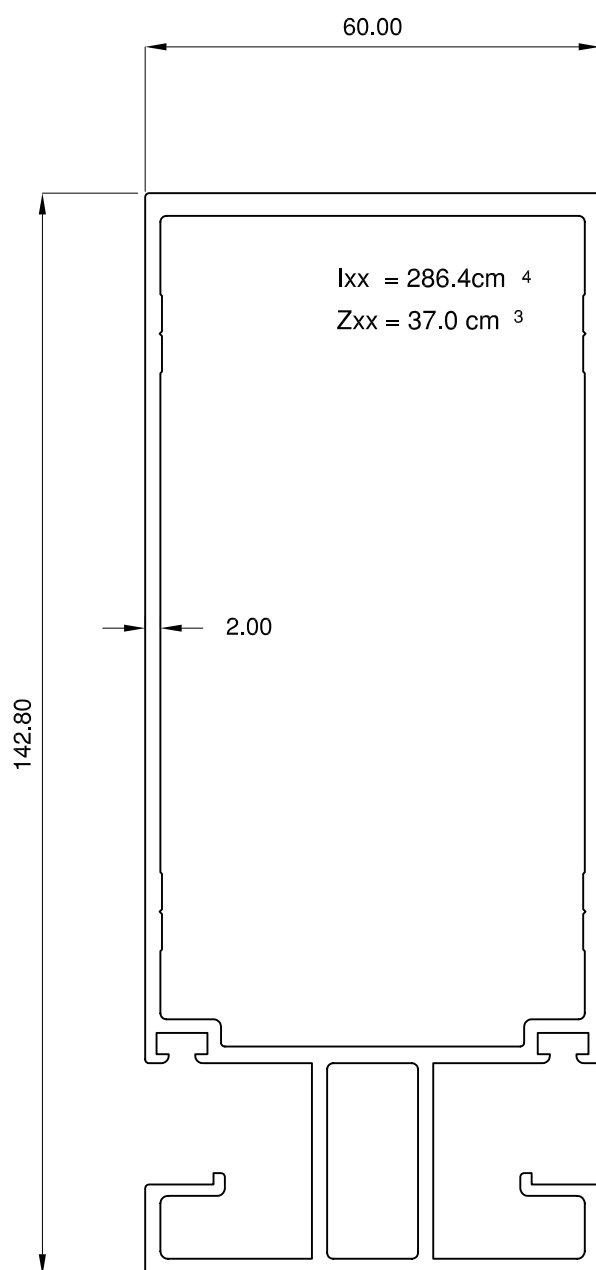
CURTAIN WALL

COMWALL™ M

REF : CW M Page: 11

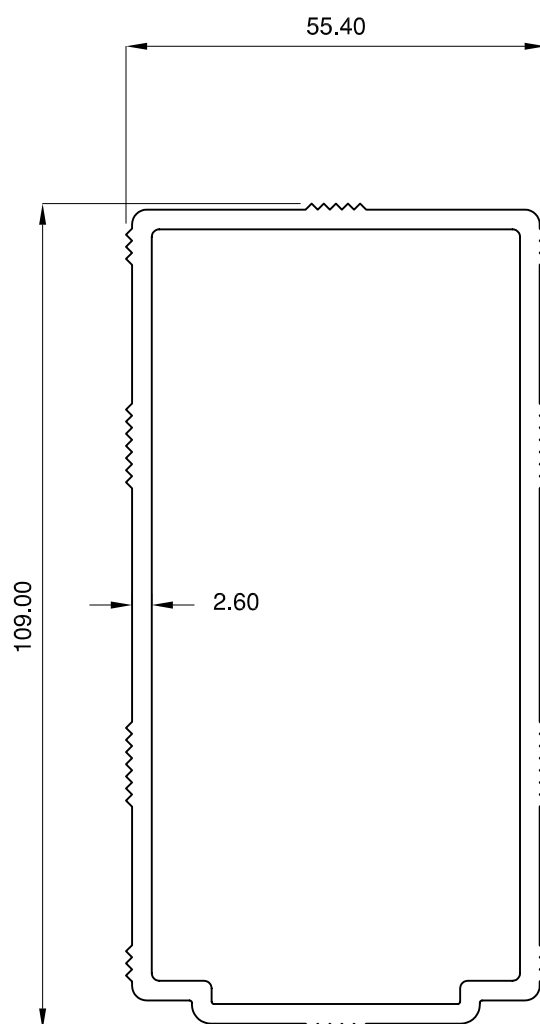
DATE : 1.1.2015

REPLACES :



17803

WT : 2.989 Kg/m
AP : 595.16 mm



17804

WT : 2.338 Kg/m
AP : 349.79 mm



PRESS METAL
ACE High Performance Systems

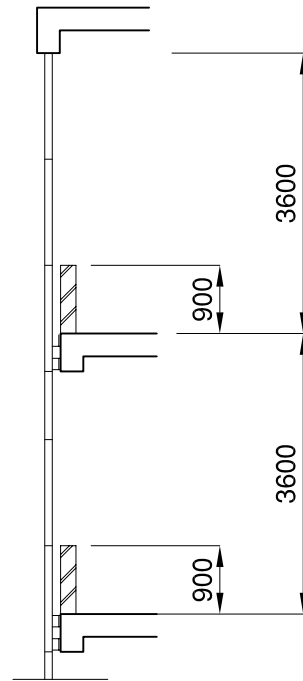
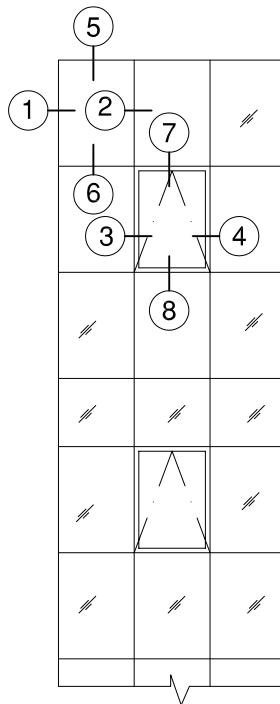
CURTAIN WALL

COMWALL™ M1

REF : CW M1 Page: 1

DATE : 1.1.2015

REPLACES :

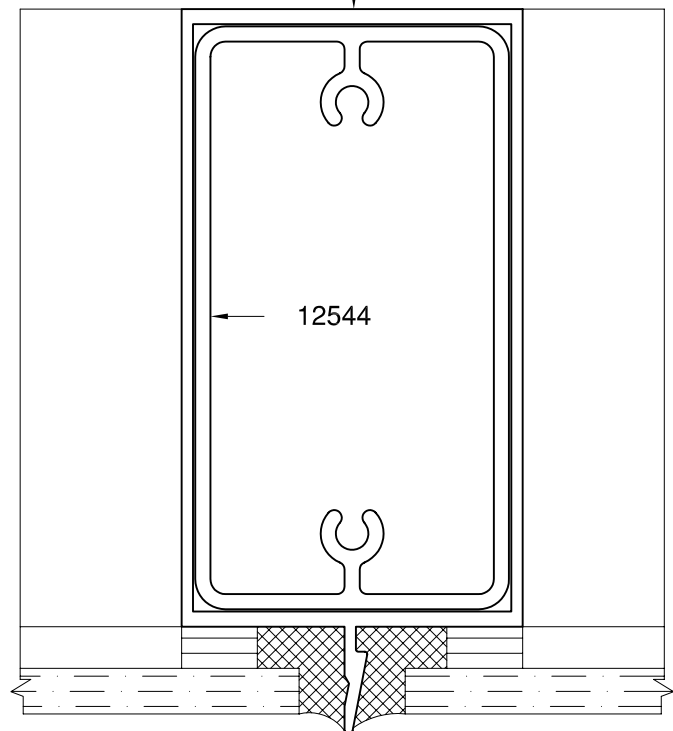
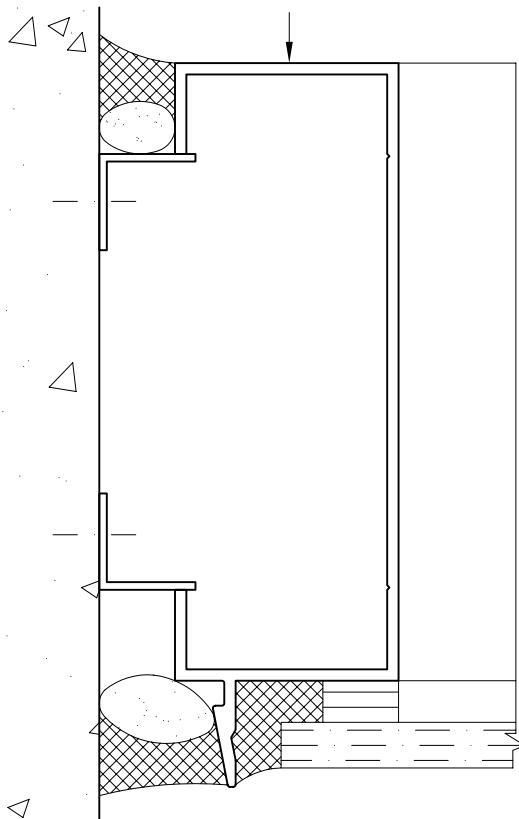


ELEVATION

SCALE : N.T.S

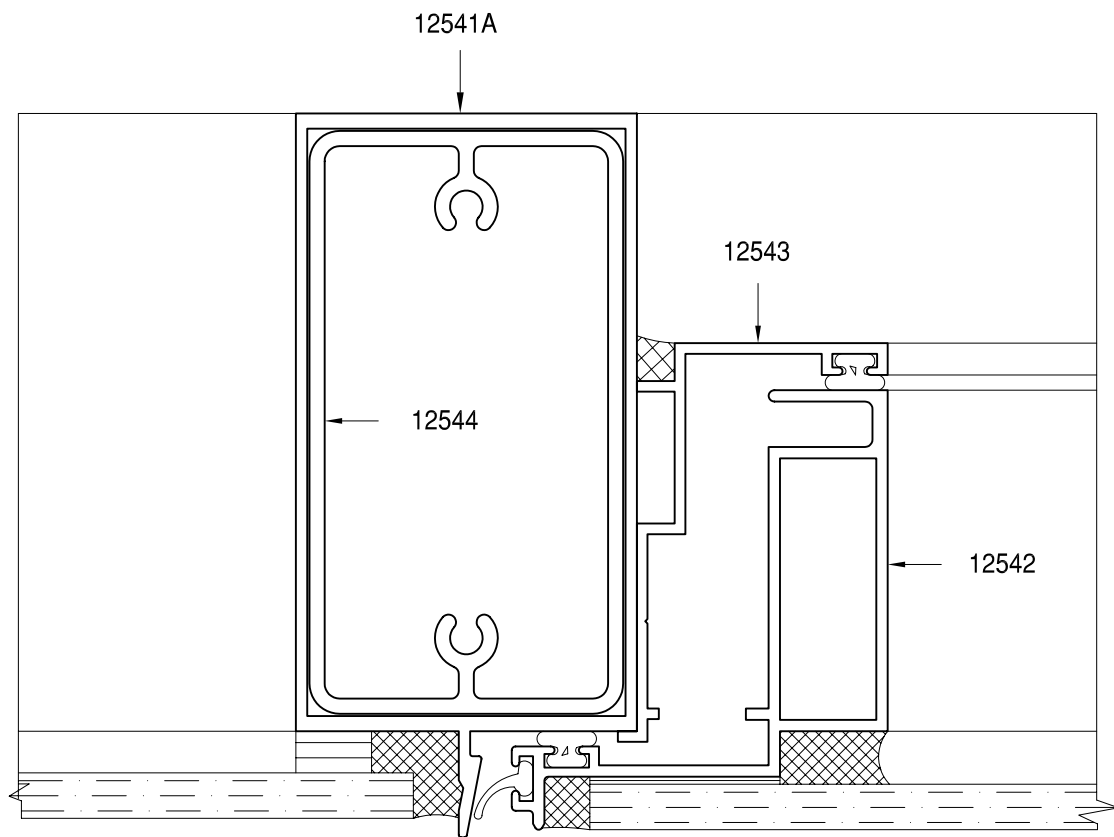
12540B

12541A

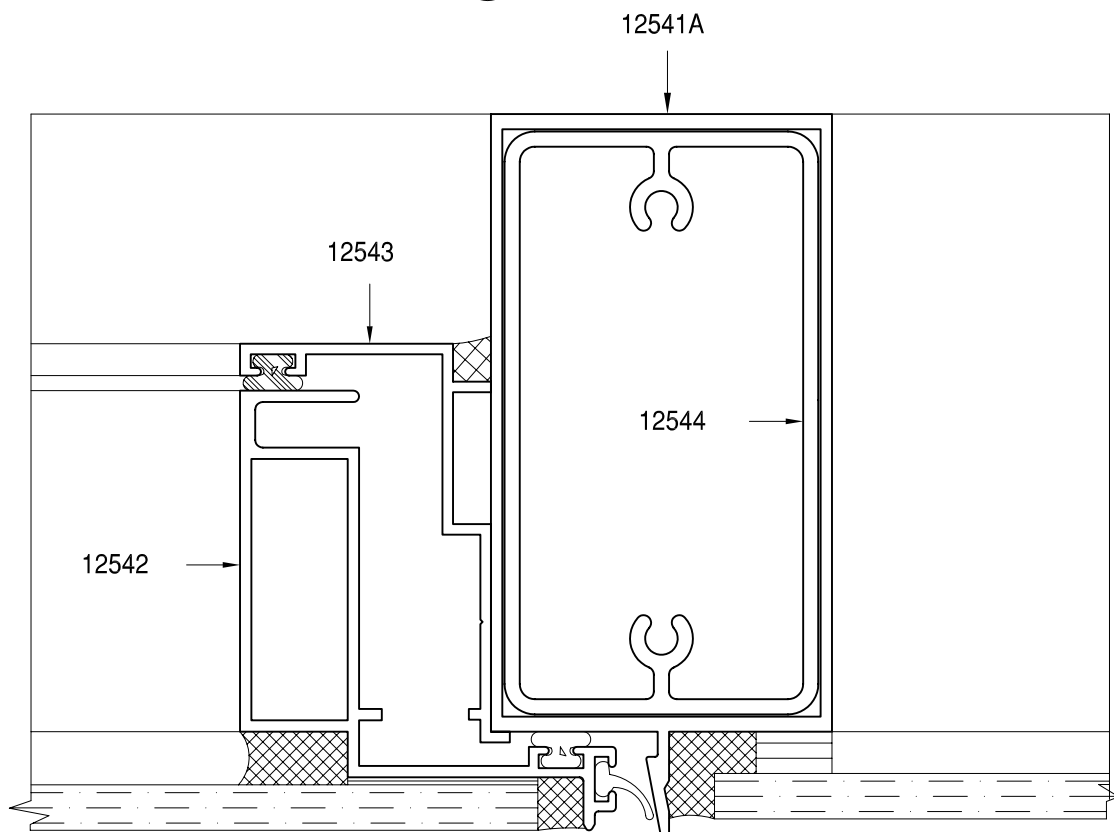


1

2



3



4



PRESS METAL
ACE High Performance Systems

CURTAIN WALL

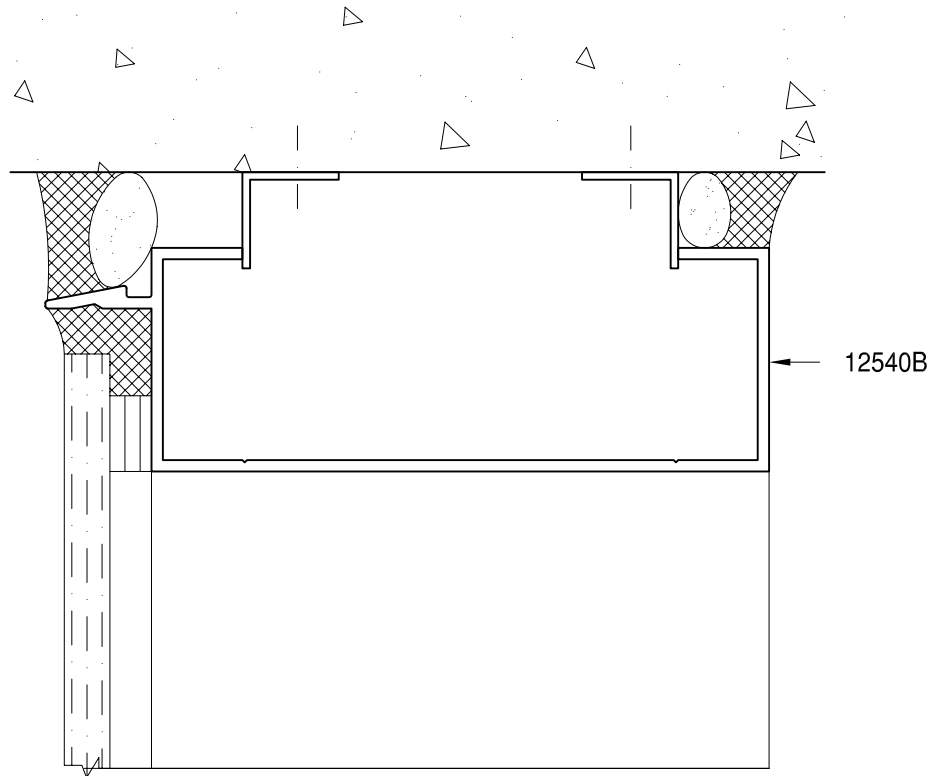
COMWALL™ M1

REF : CW M1 Page: 3

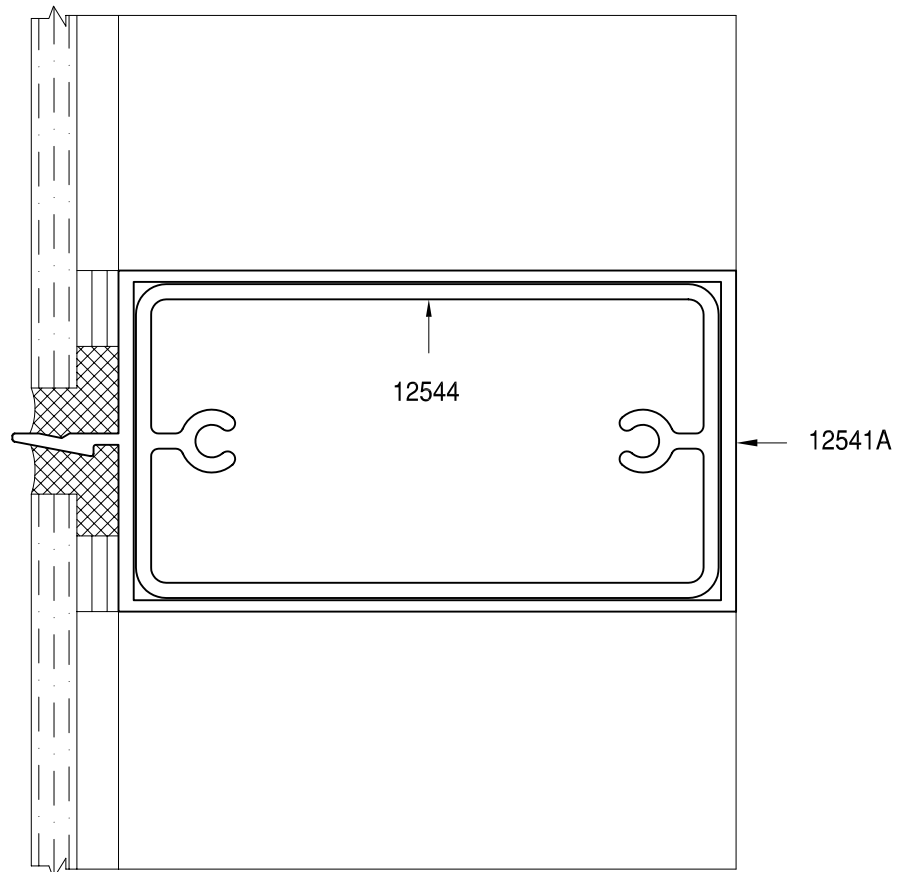
DATE : 1.1.2015

REPLACES :

5



6





PRESS METAL
ACE High Performance Systems

CURTAIN WALL

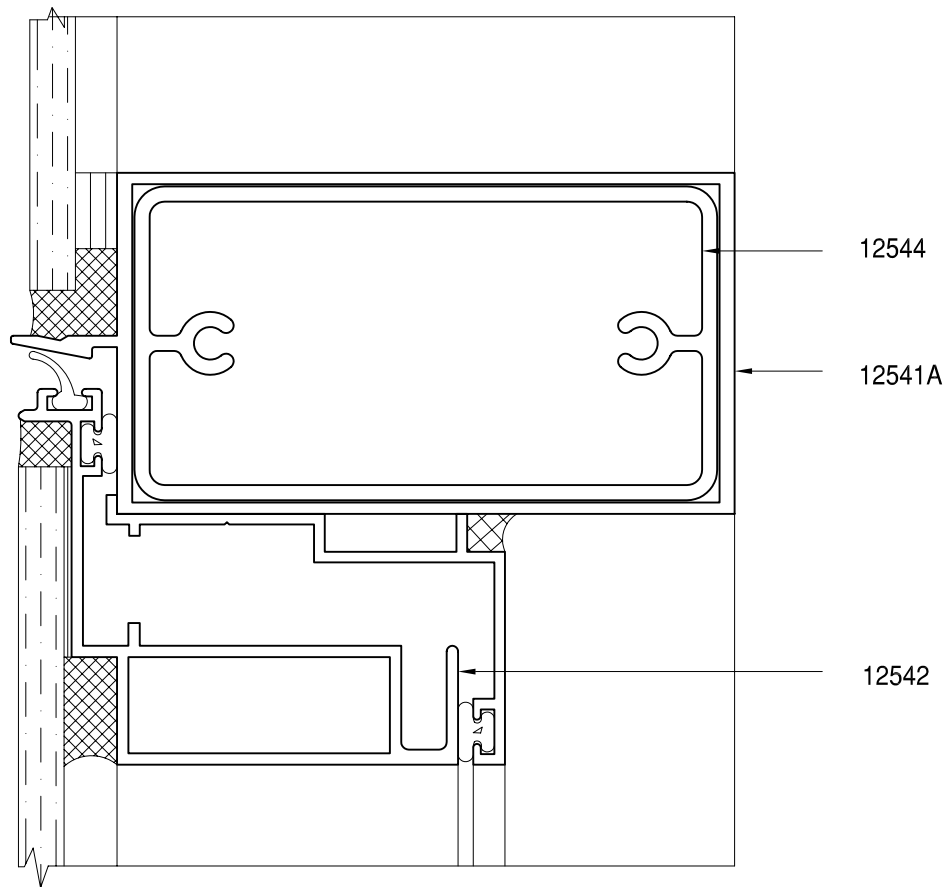
COMWALL™ M1

REF : CW M1 Page: 4

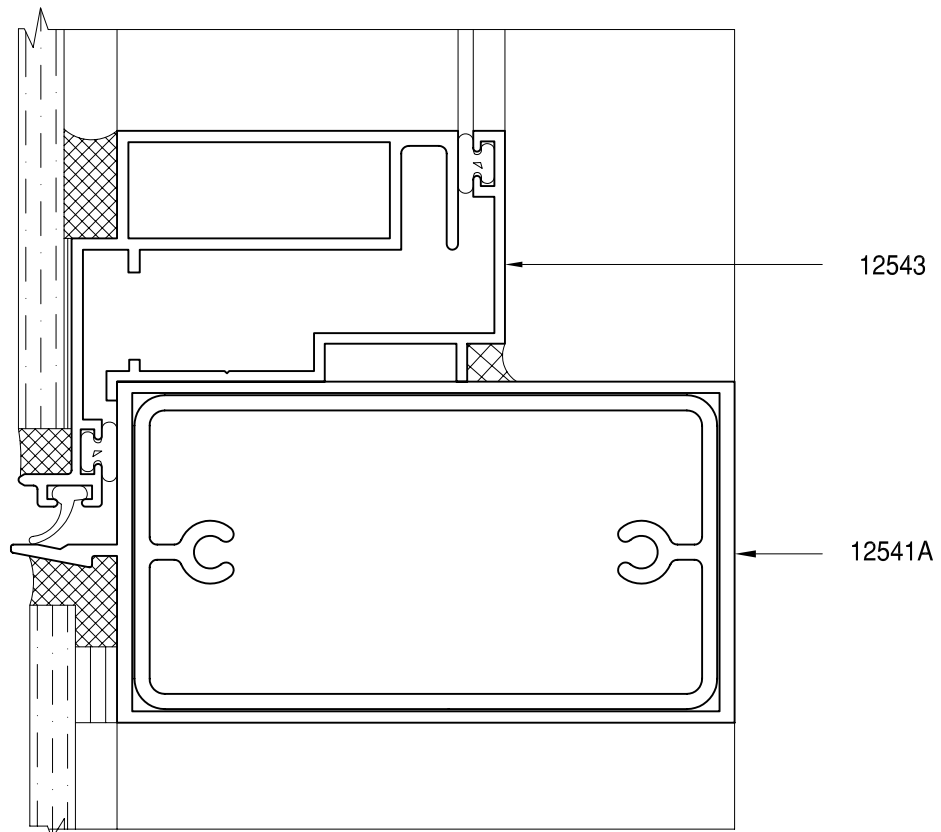
DATE : 1.1.2015

REPLACES :

7



8





PRESS METAL
ACE High Performance Systems

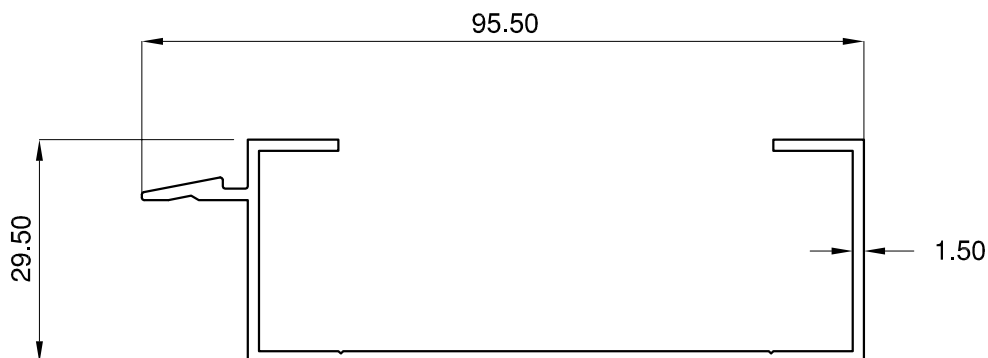
CURTAIN WALL

COMWALL™ M1

REF : CW M1 Page: 5

DATE : 1.1.2015

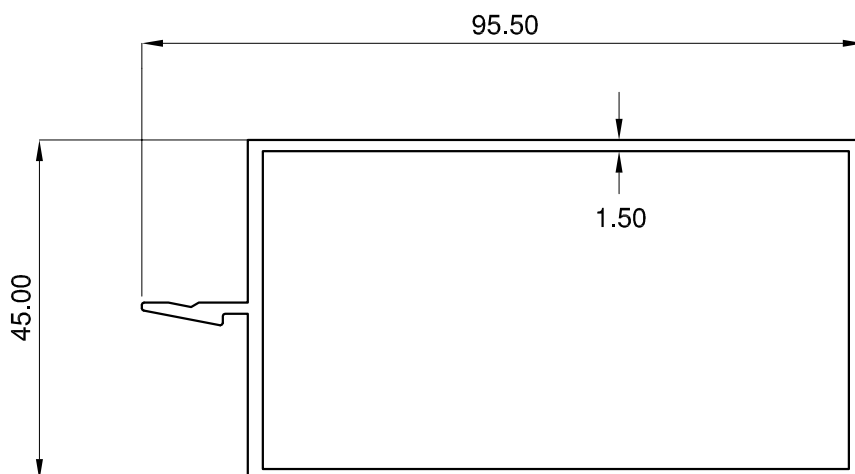
REPLACES :



12540B

WT : 0.710 Kg/m

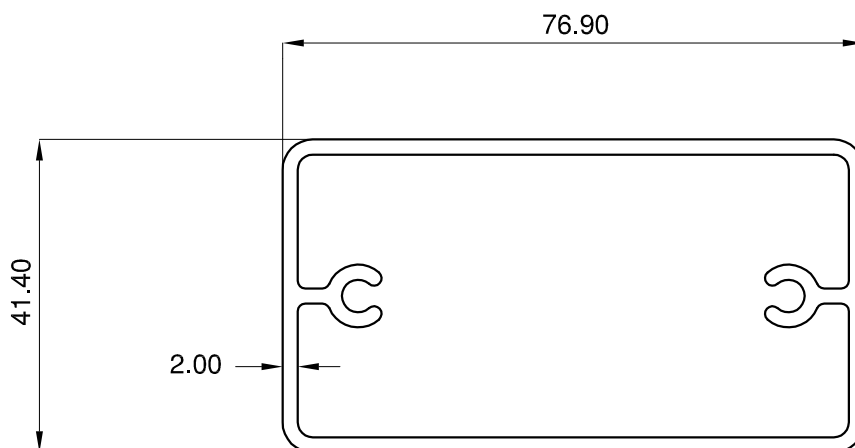
AP : 349.27 mm



12541A

WT : 1.183 Kg/m

AP : 281.96 mm



12544

WT : 1.425 Kg/m

AP : 229.73 mm



PRESS METAL
ACE High Performance Systems

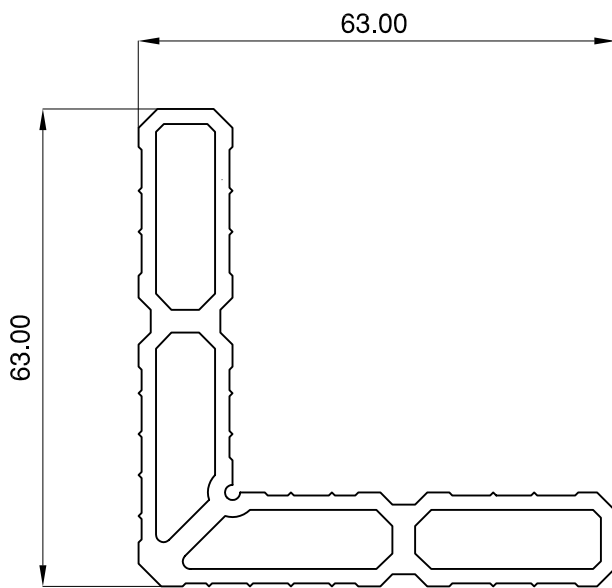
CURTAIN WALL

COMWALL™ M1

REF : CW M1 Page: 6

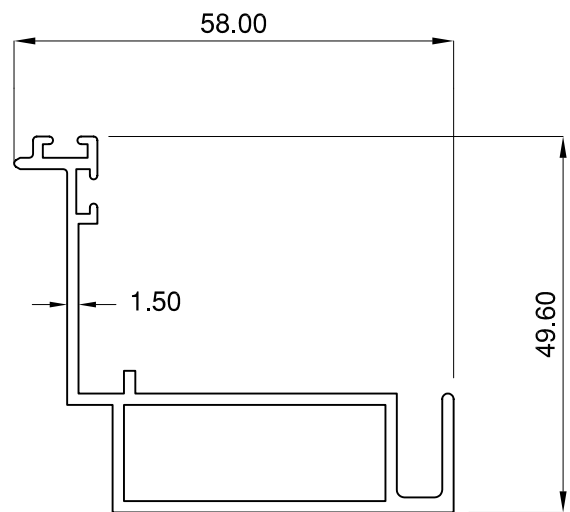
DATE : 1.1.2015

REPLACES :



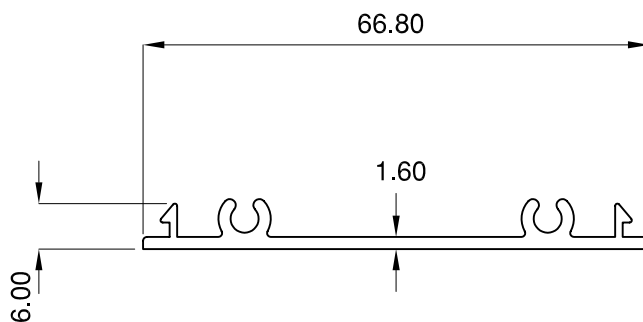
9273B

WT : 1.522 Kg/m
AP : 261.68 mm



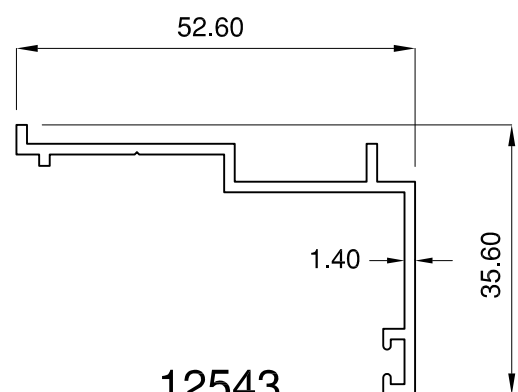
12542

WT : 0.740 Kg/m
AP : 270.74 mm



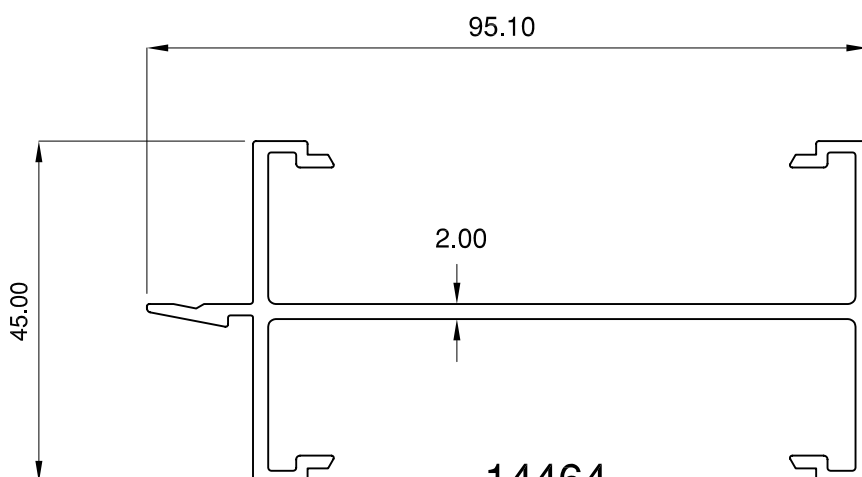
9230

WT : 0.419 Kg/m
AP : 190.56 mm



12543

WT : 0.380 Kg/m
AP : 205.39 mm



14464

WT : 1.150 Kg/m
AP : 444.72 mm



PRESS METAL
ACE High Performance Systems

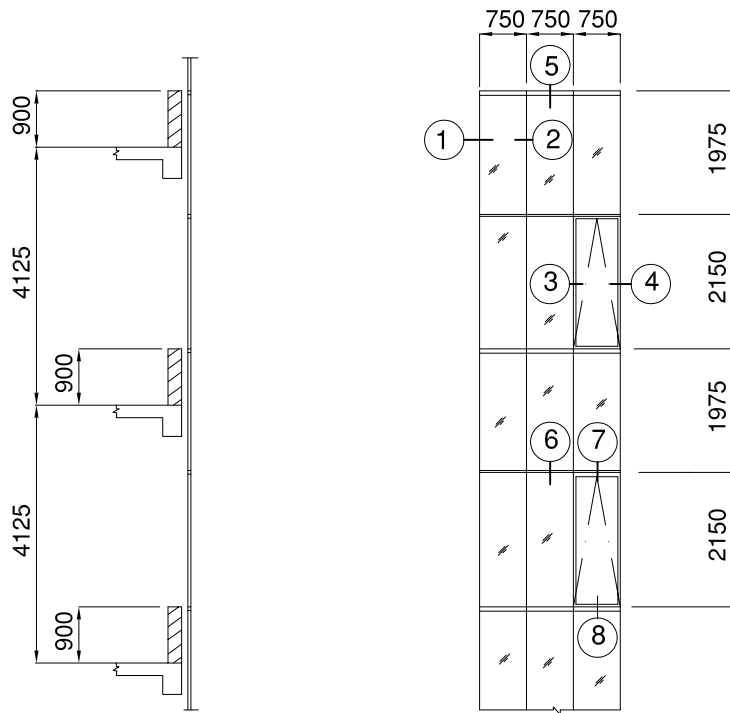
CURTAIN WALL

COMWALL™ U1

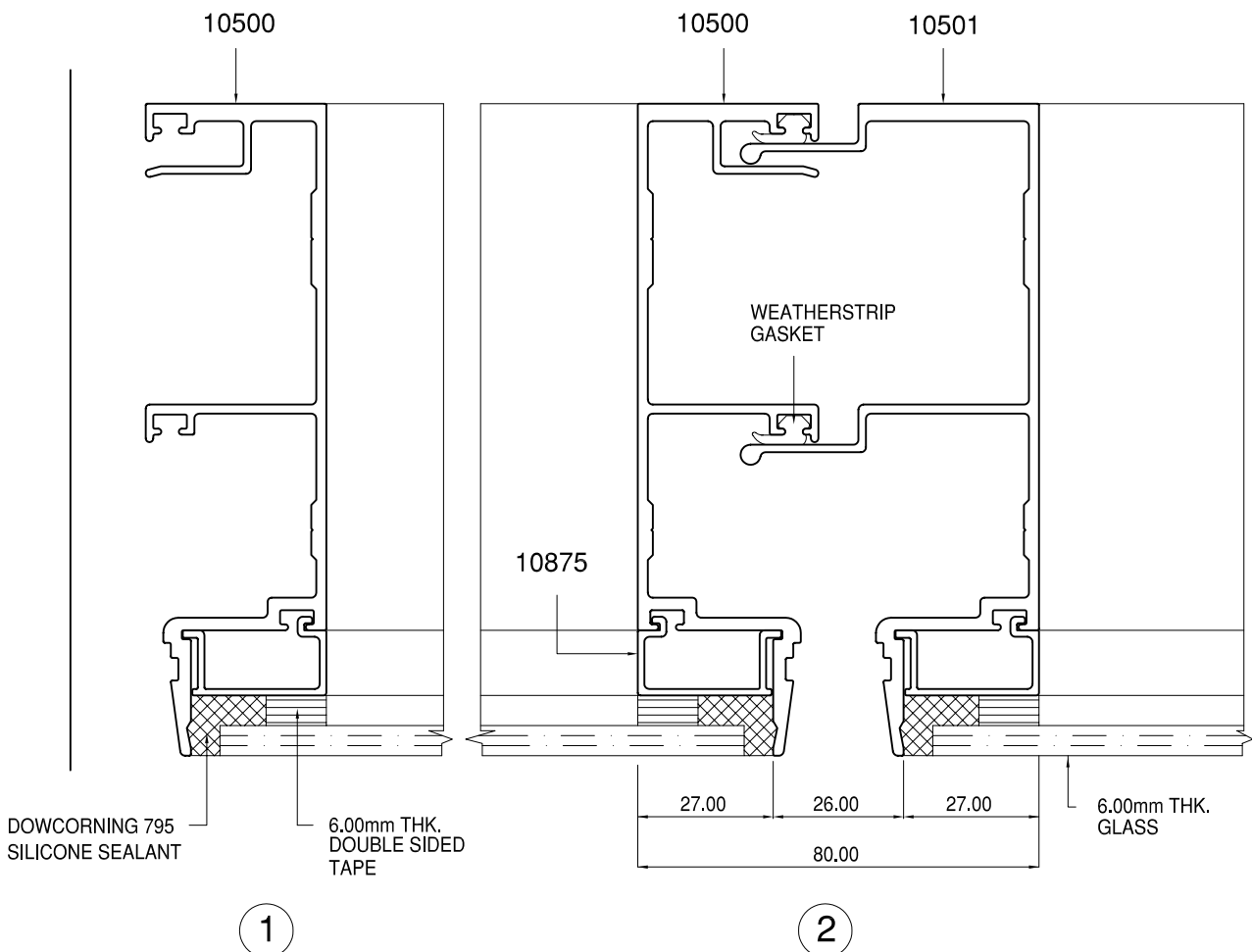
REF : CW U1 Page: 1

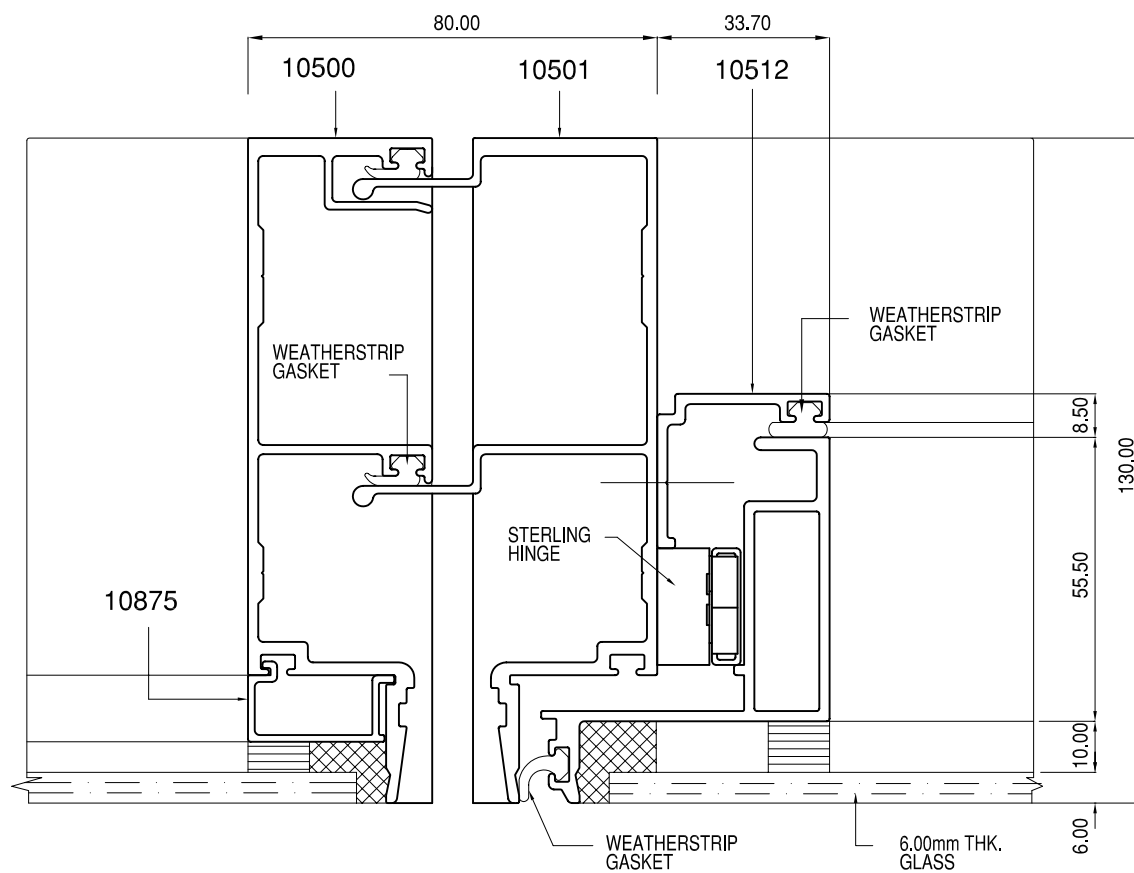
DATE : 1.1.2015

REPLACES :

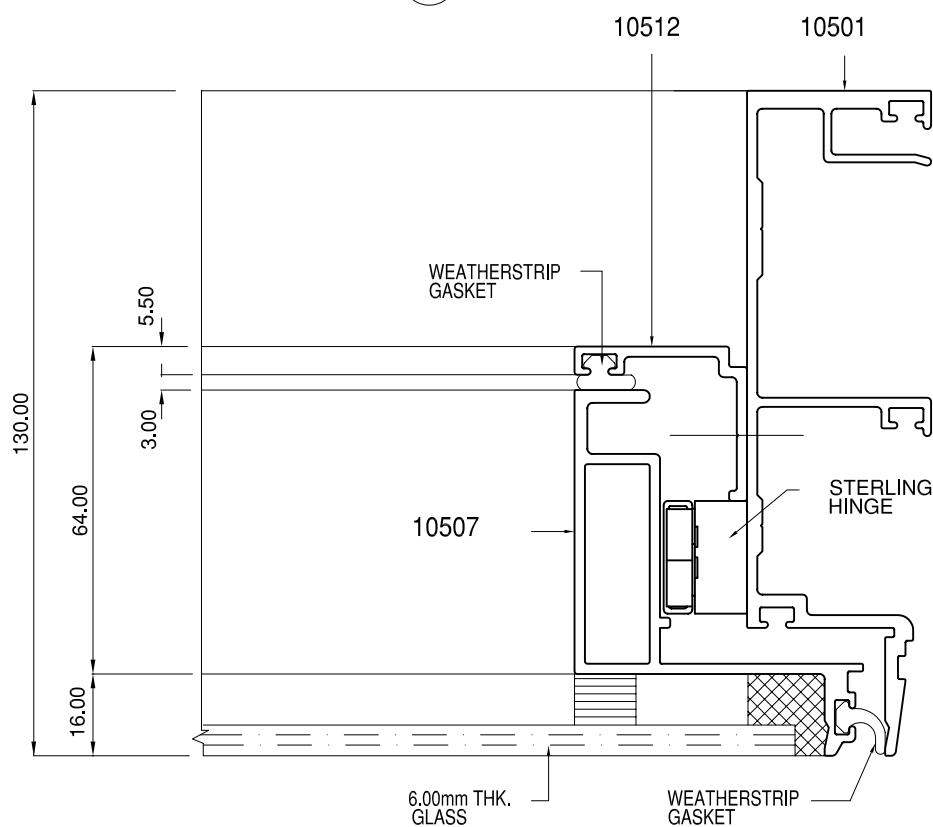


ELEVATION
SCALE : NTS





3



4



PRESS METAL
ACE High Performance Systems

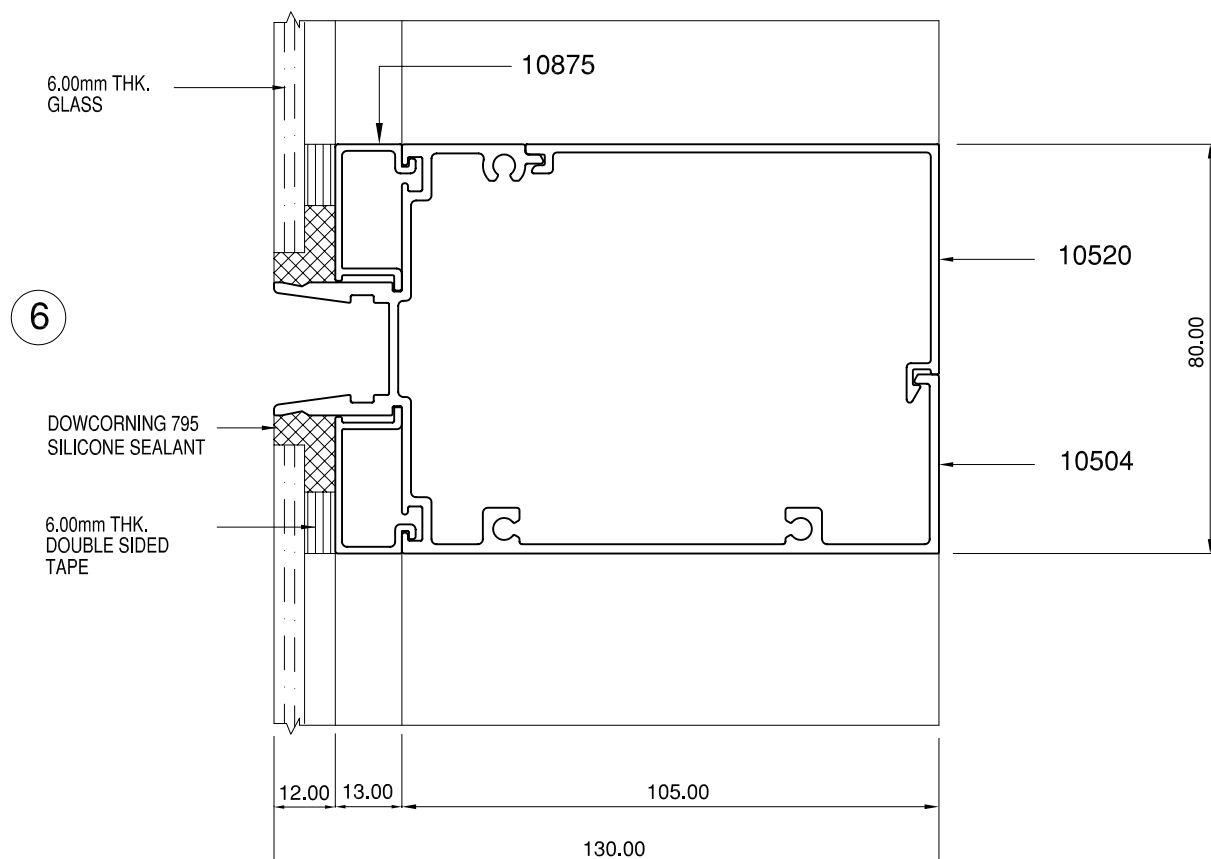
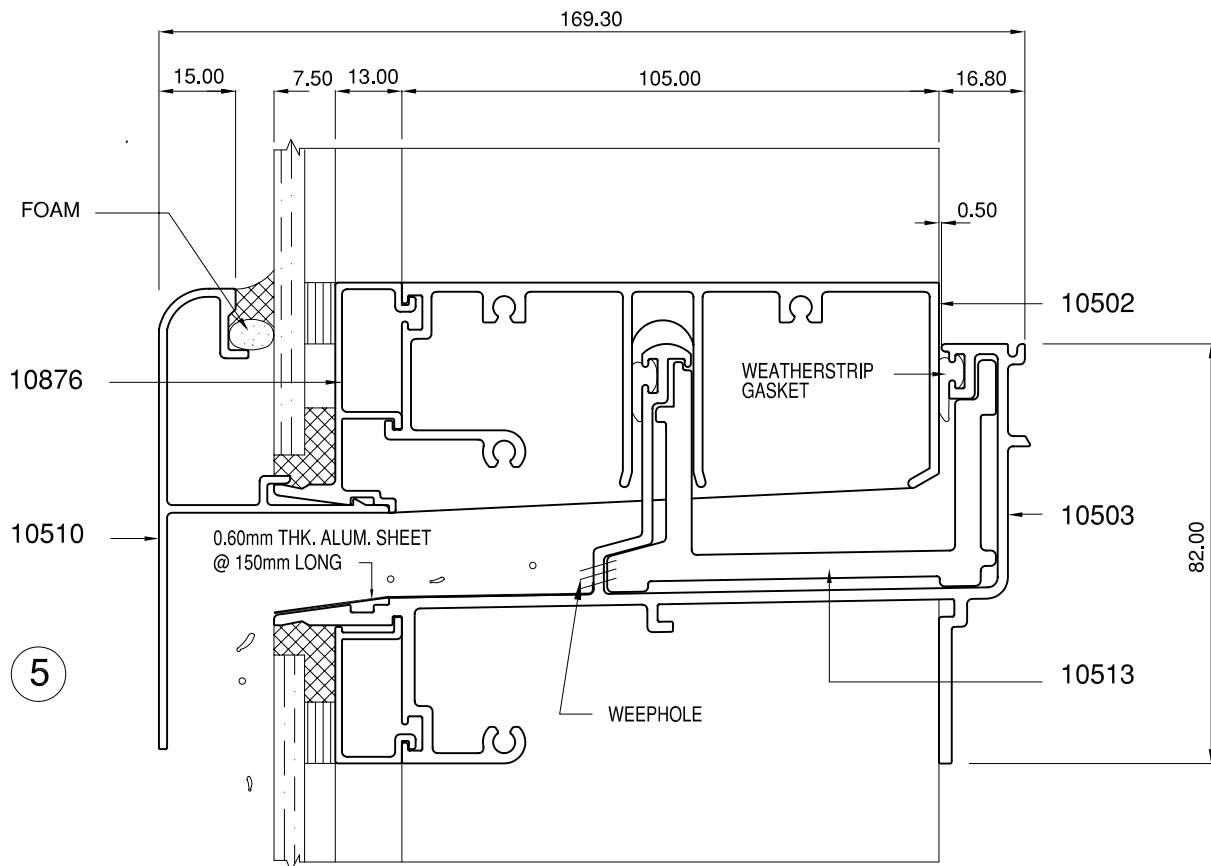
CURTAIN WALL

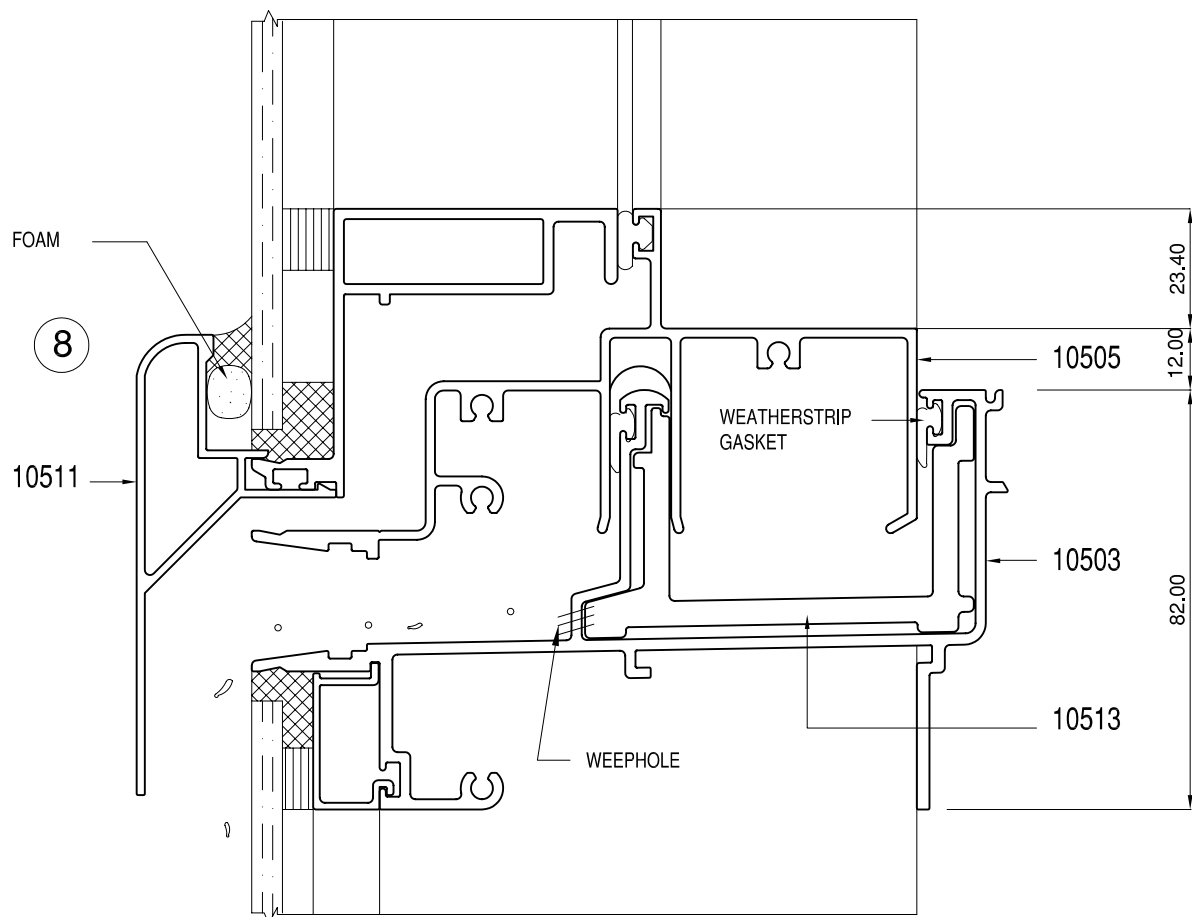
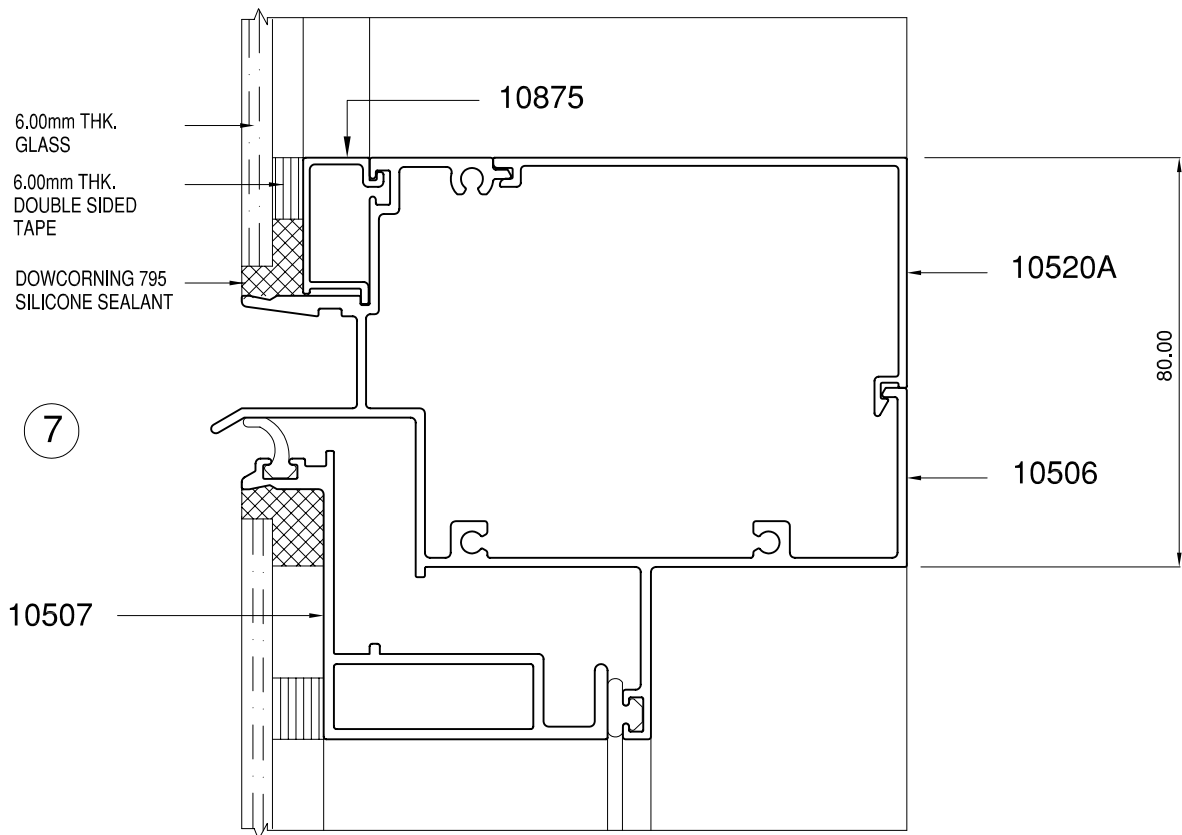
COMWALL™ U1

REF : CW U1 Page: 3

DATE : 1.1.2015

REPLACES :







PRESS METAL
ACE High Performance Systems

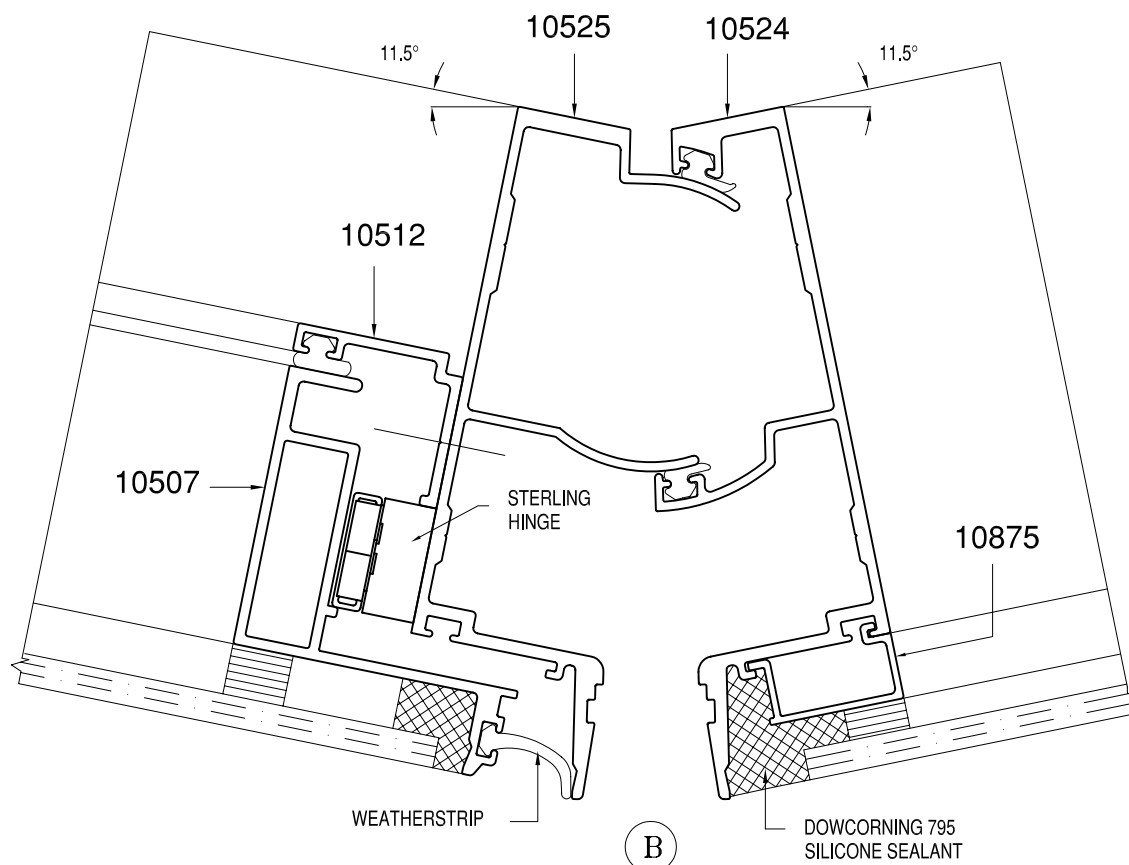
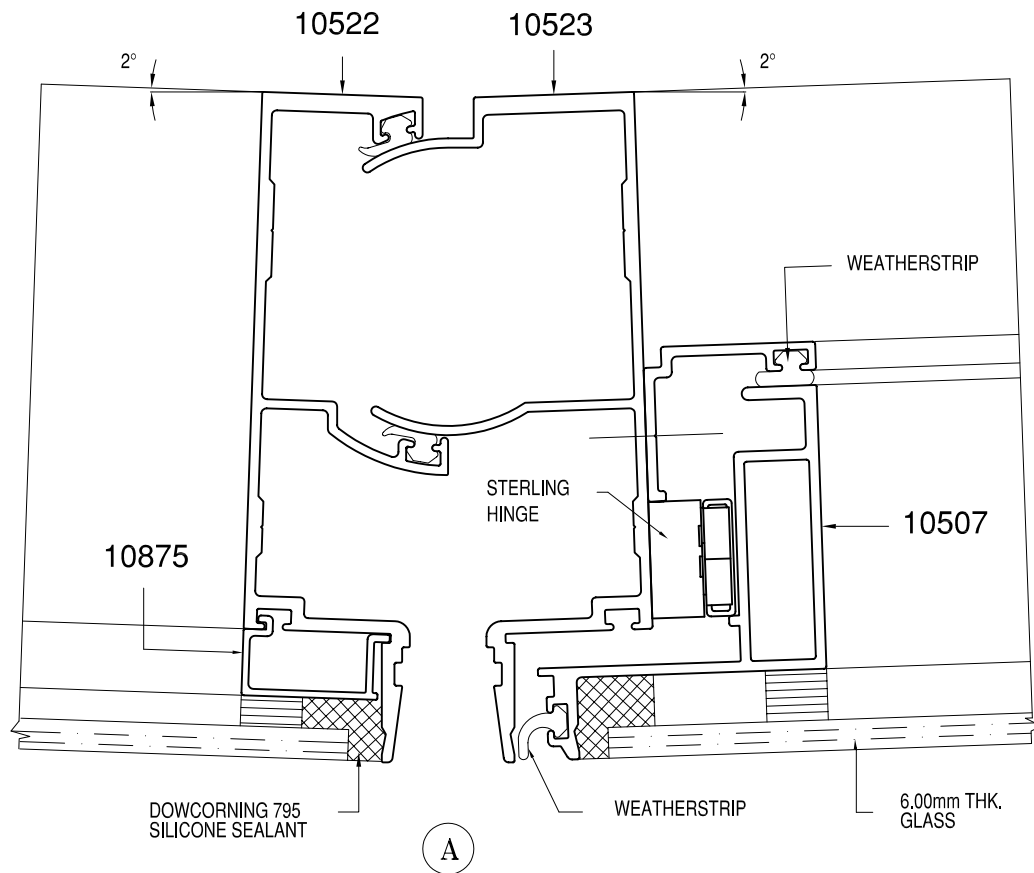
CURTAIN WALL

COMWALL™ U1

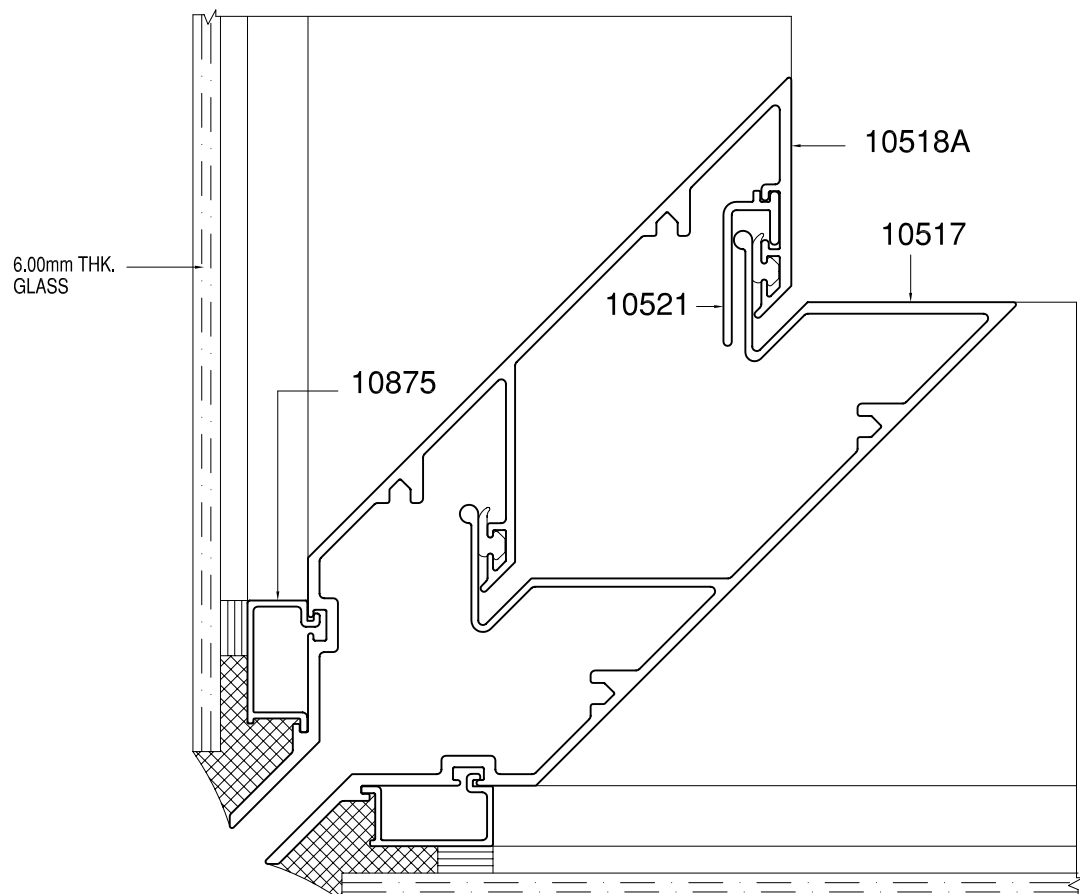
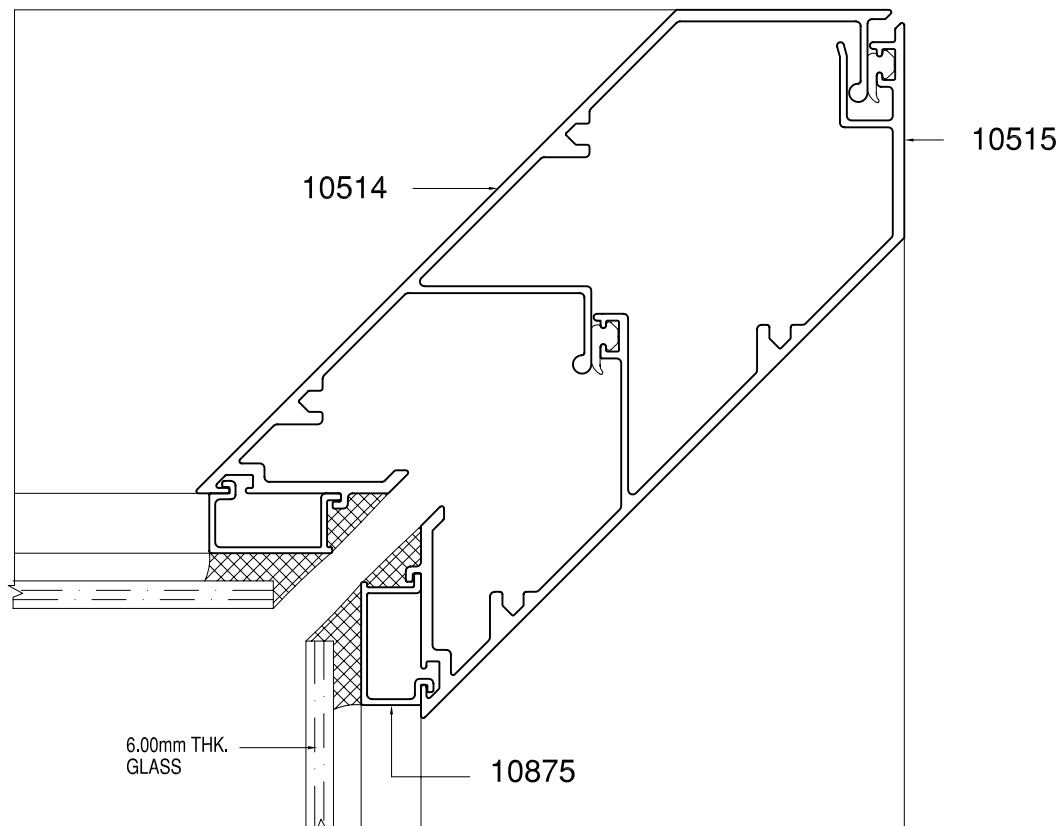
REF : CW U1 Page: 5

DATE : 1.1.2015

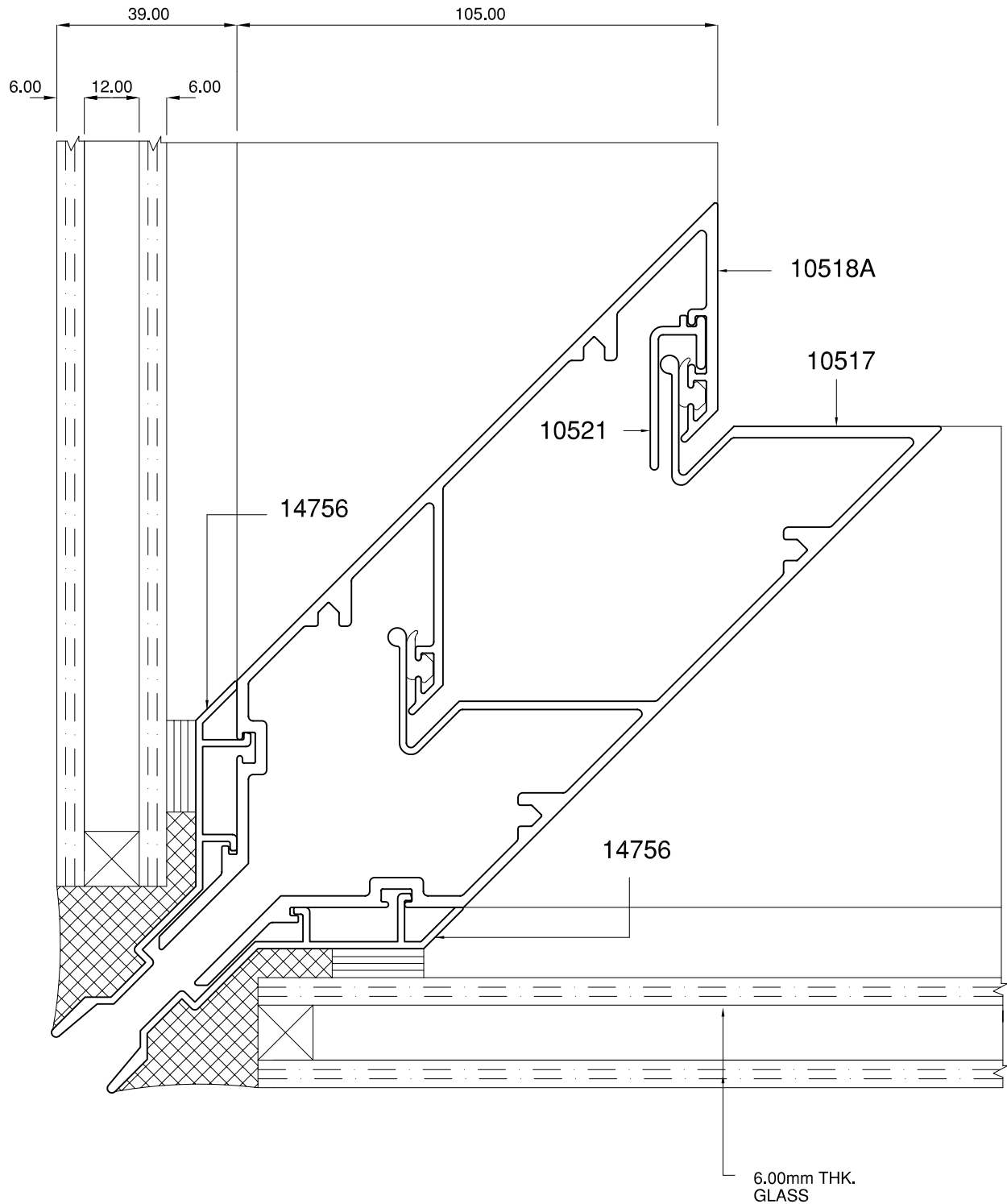
REPLACES :



TYPICAL CURVE CURTAIN WALL MULLION ASSEMBLY



TYPICAL 90° CORNER CURTAIN WALL MULLION ASSEMBLY



TYPICAL 90° CORNER CURTAIN WALL MULLION ASSEMBLY FOR DOUBLE GLAZED



PRESS METAL
ACE High Performance Systems

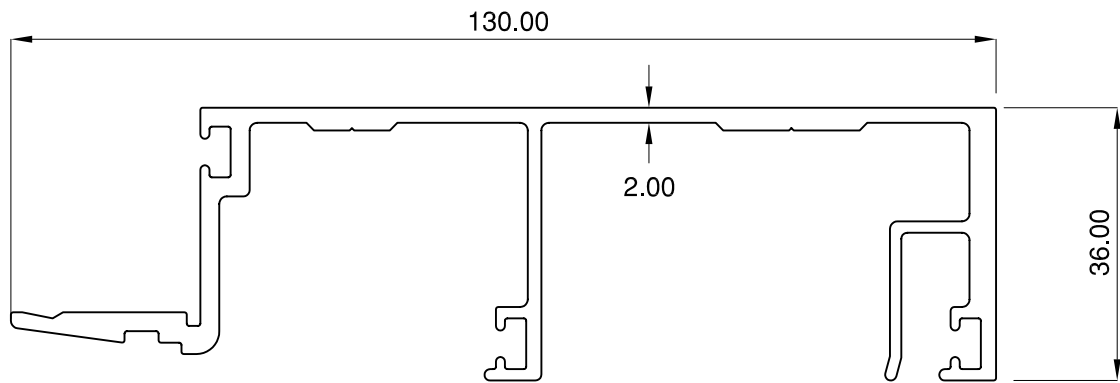
CURTAIN WALL

COMWALL™ U1

REF : CW U1 Page: 8

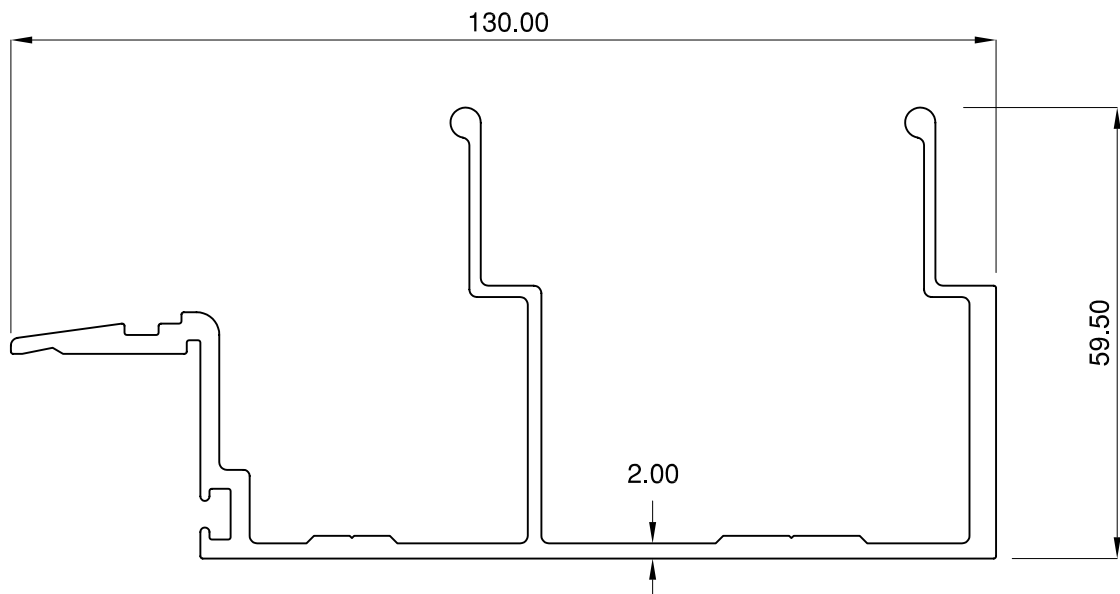
DATE : 1.1.2015

REPLACES :



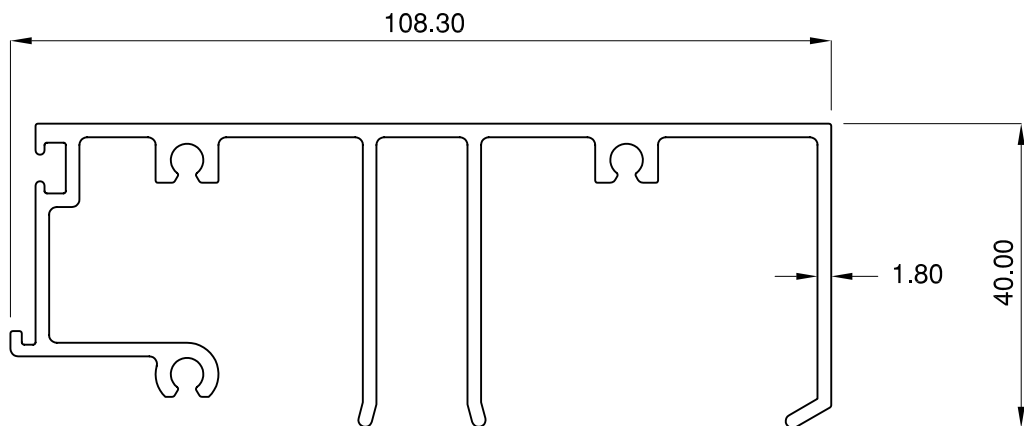
10500

WT : 1.770 Kg/m
AP : 575.19 mm



10501

WT : 1.874 Kg/m
AP : 597.83 mm



10502

WT : 1.624 Kg/m
AP : 624.79 mm



PRESS METAL
ACE High Performance Systems

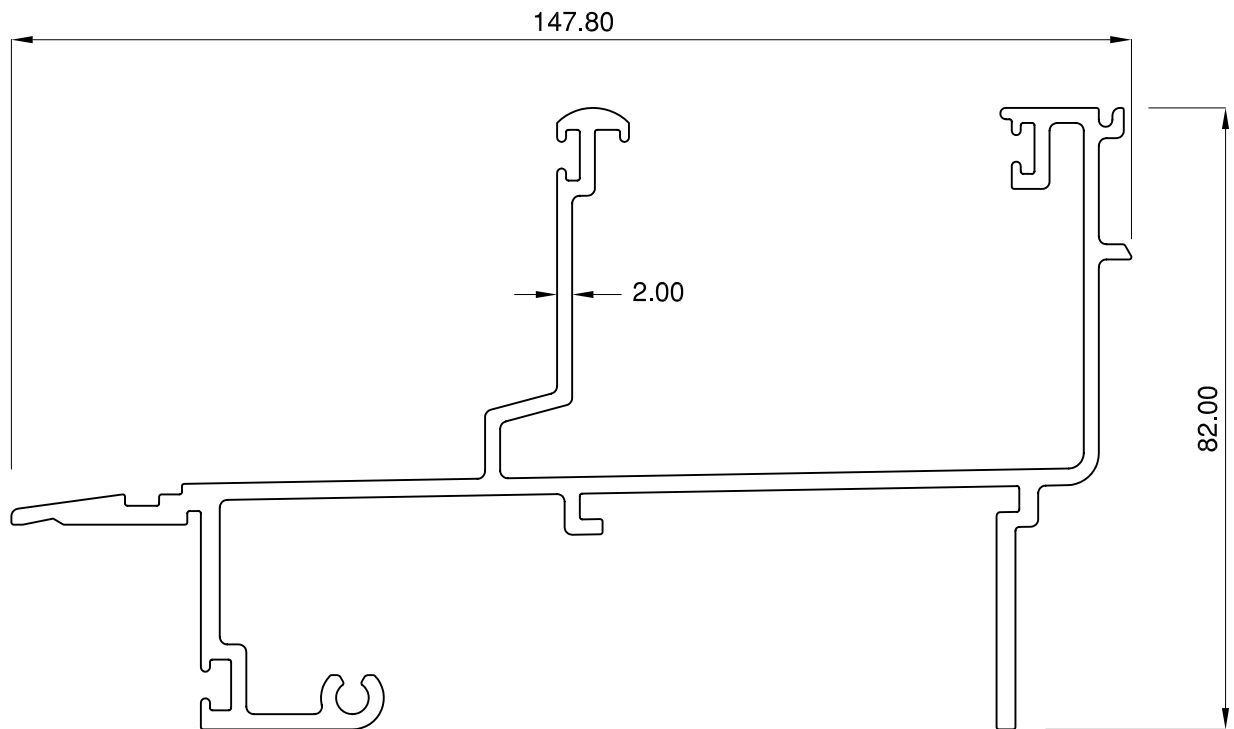
CURTAIN WALL

COMWALL™ U1

REF : CW U1 Page: 9

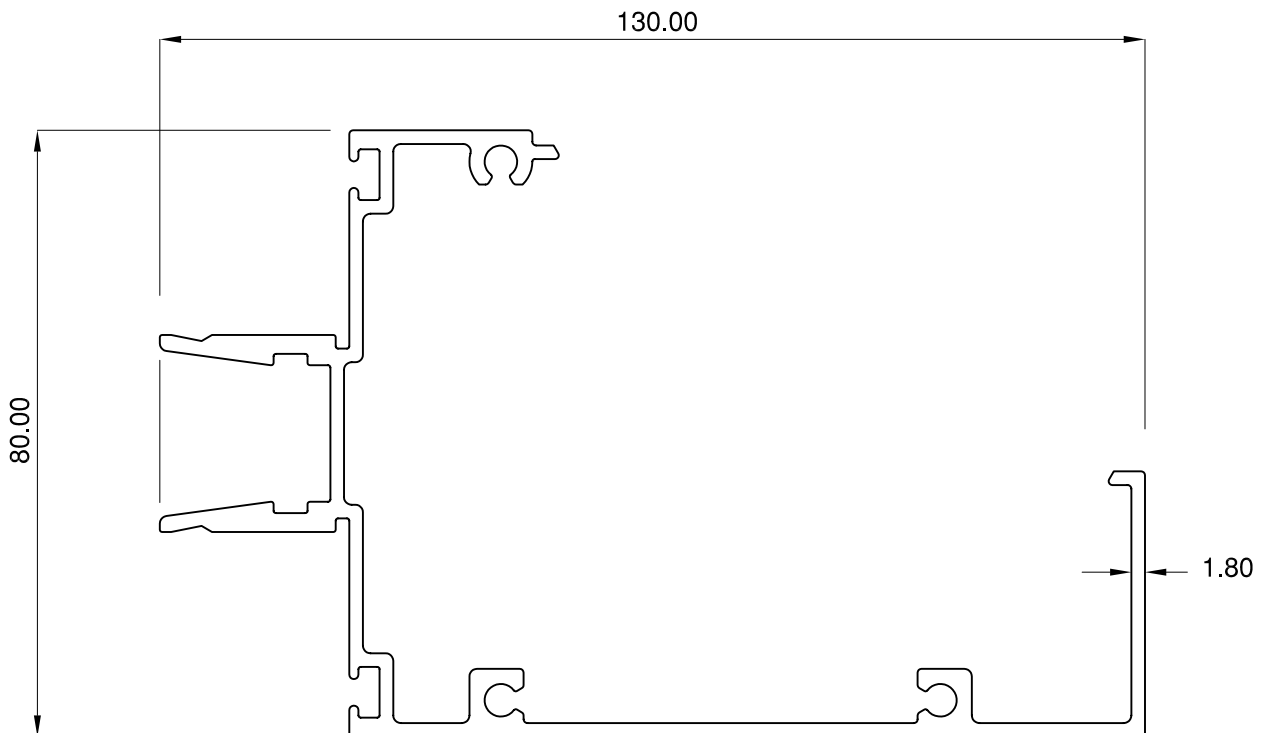
DATE : 1.1.2015

REPLACES :



10503

WT : 2.391 Kg/m
AP : 801.77 mm



10504

WT : 1.902 Kg/m
AP : 684.14 mm



PRESS METAL
ACE High Performance Systems

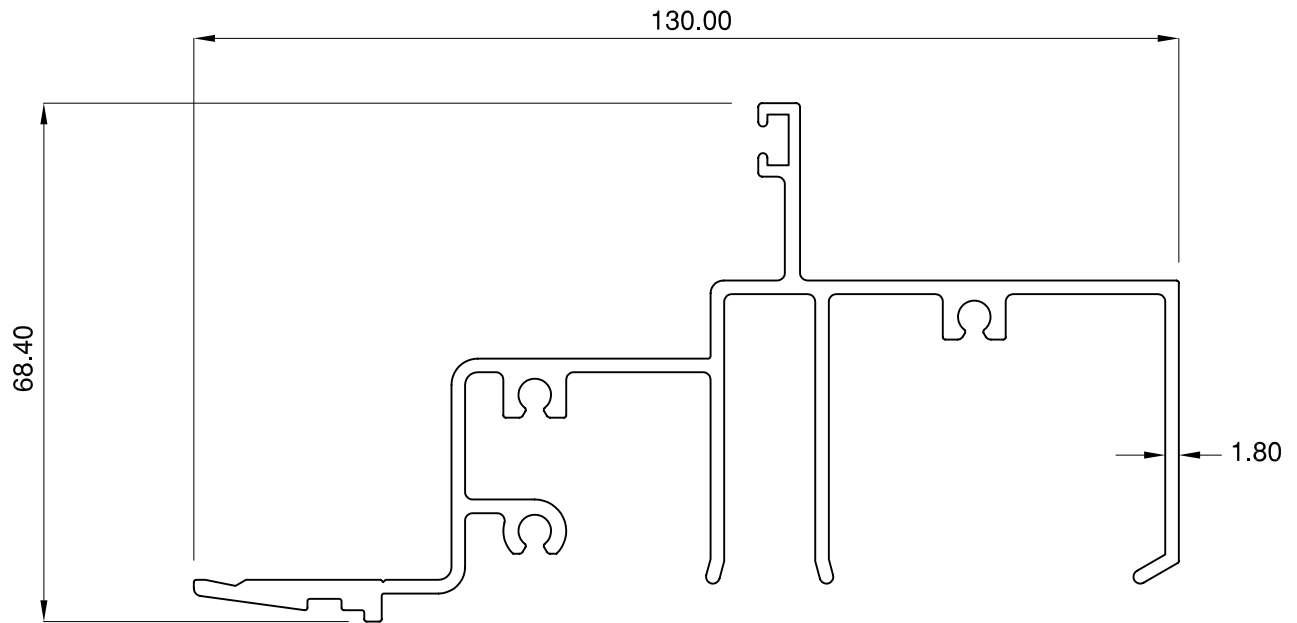
CURTAIN WALL

COMWALL™ U1

REF : CW U1 Page: 10

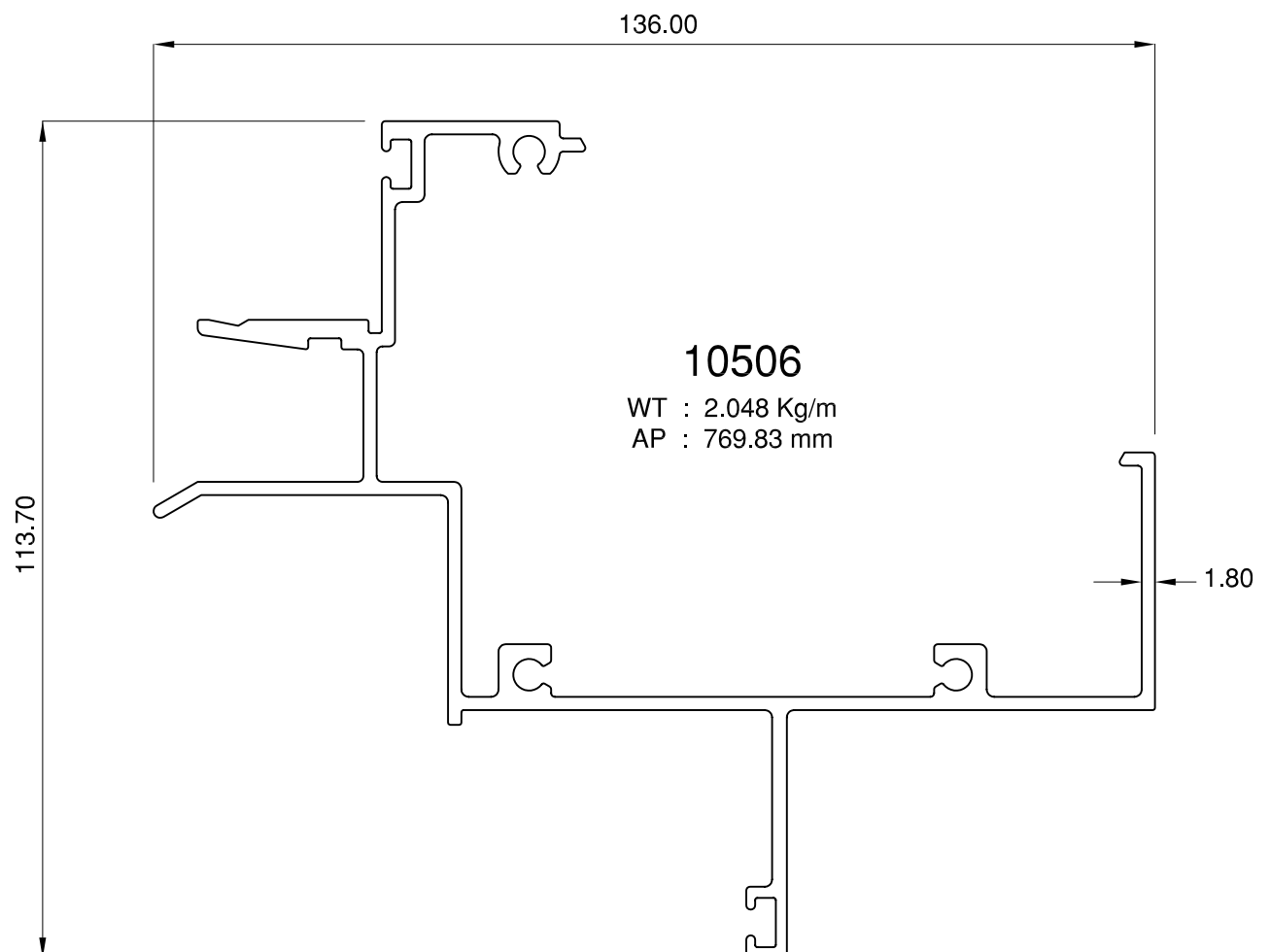
DATE : 1.1.2015

REPLACES :



10505

WT : 1.879 Kg/m
AP : 703.91 mm



10506

WT : 2.048 Kg/m
AP : 769.83 mm



PRESS METAL
ACE High Performance Systems

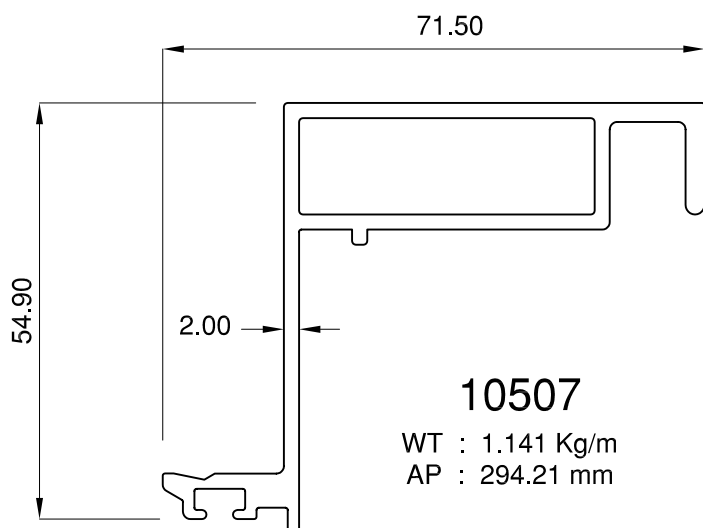
CURTAIN WALL

COMWALL™ U1

REF : CW U1 Page: 11

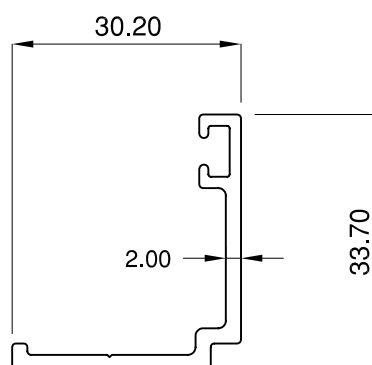
DATE : 1.1.2015

REPLACES :



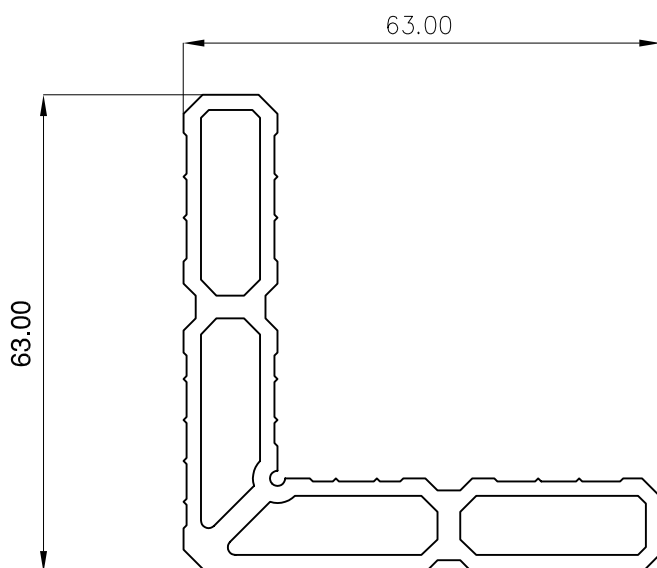
10507

WT : 1.141 Kg/m
AP : 294.21 mm



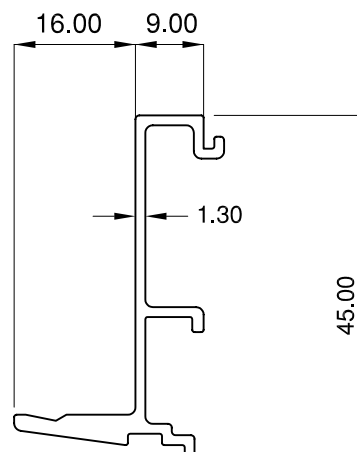
10512

WT : 0.371 Kg/m
AP : 147.04 mm



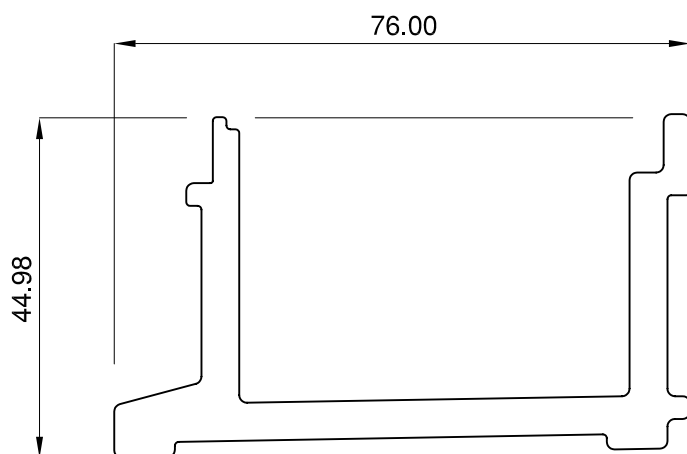
9273B

WT : 1.522 Kg/m
AP : 261.68 mm



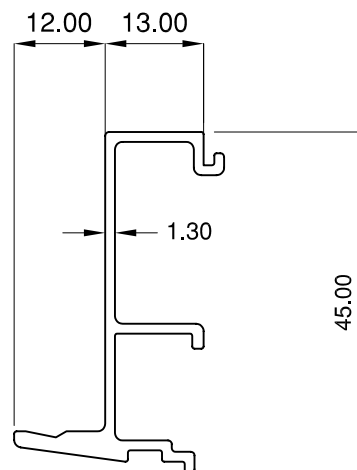
10509

WT : 0.397 Kg/m
AP : 184.39 mm



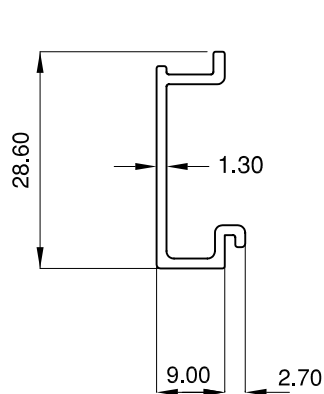
10513

WT : 2.113 Kg/m
AP : 318.16 mm



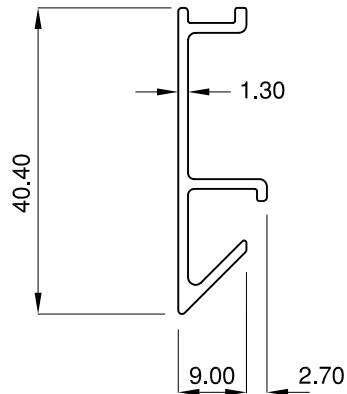
10876

WT : 0.412 Kg/m
AP : 200.39 mm



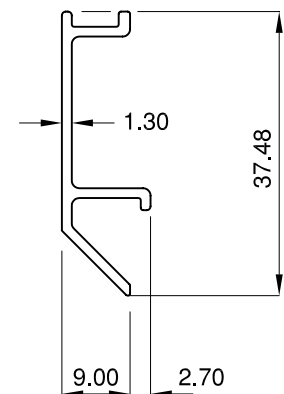
10508

WT : 0.189 Kg/m
AP : 106.34 mm



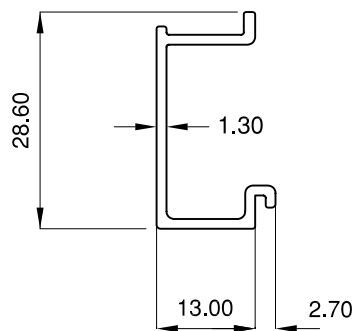
10516

WT : 0.259 Kg/m
AP : 140.99 mm



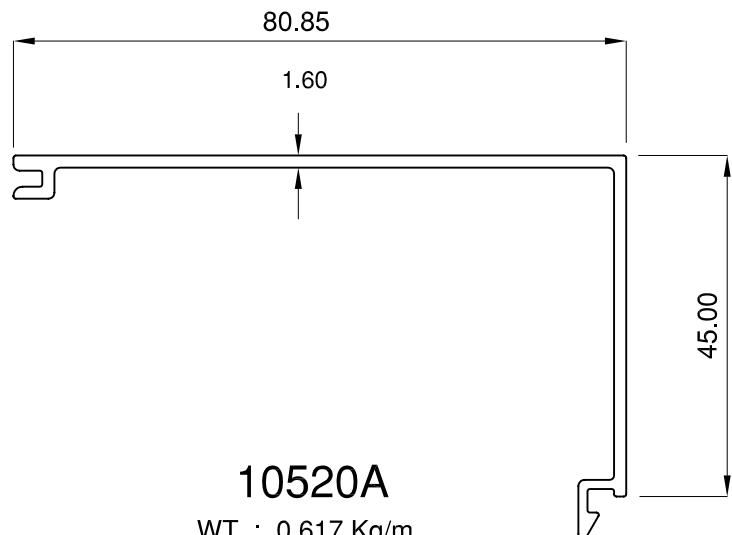
10519

WT : 0.218 Kg/m
AP : 122.66 mm



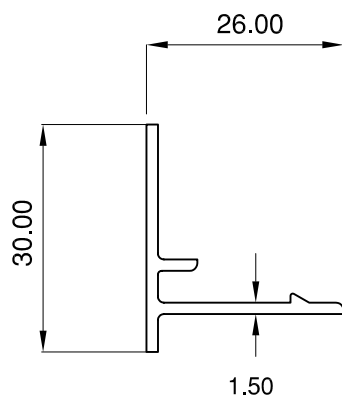
10875

WT : 0.218 Kg/m
AP : 122.34 mm



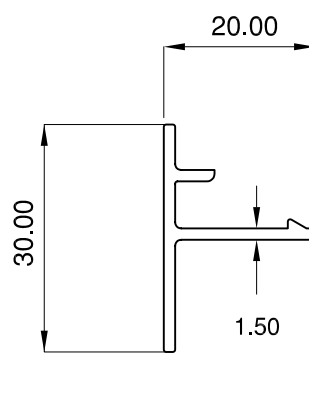
10520A

WT : 0.617 Kg/m
AP : 287.42 mm



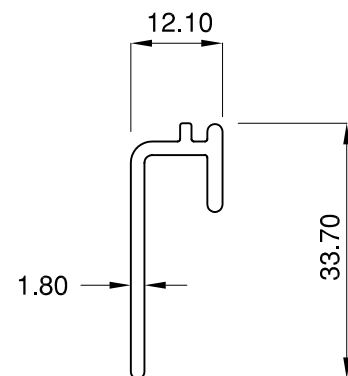
11074

WT : 0.246 Kg/m
AP : 121.69 mm



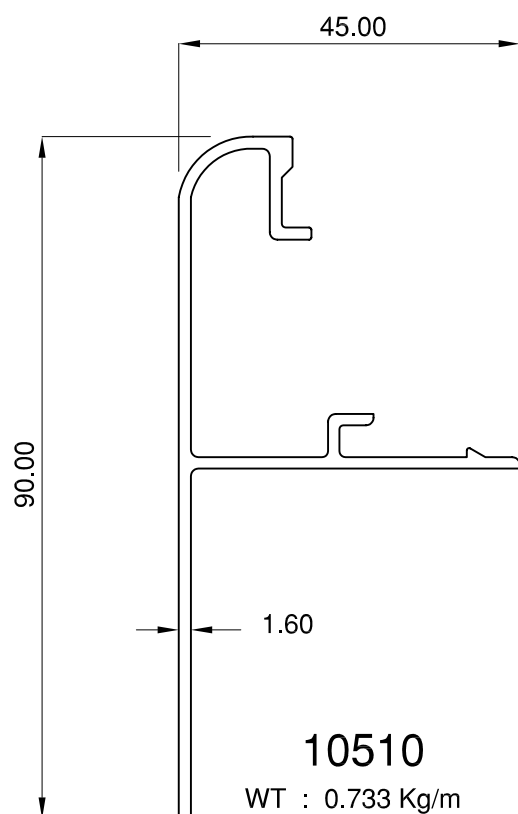
11075

WT : 0.222 Kg/m
AP : 109.44 mm

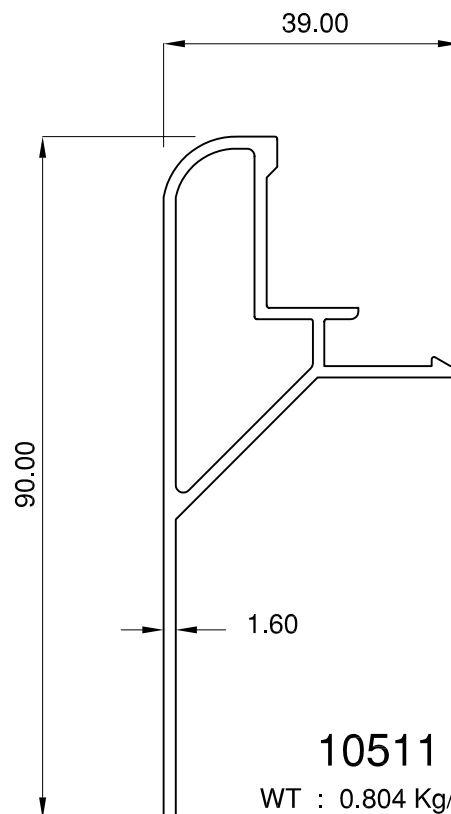


10521

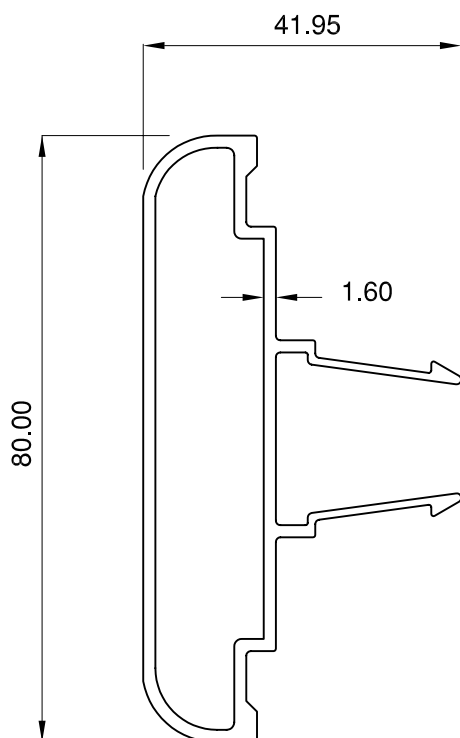
WT : 0.258 Kg/m
AP : 106.32 mm



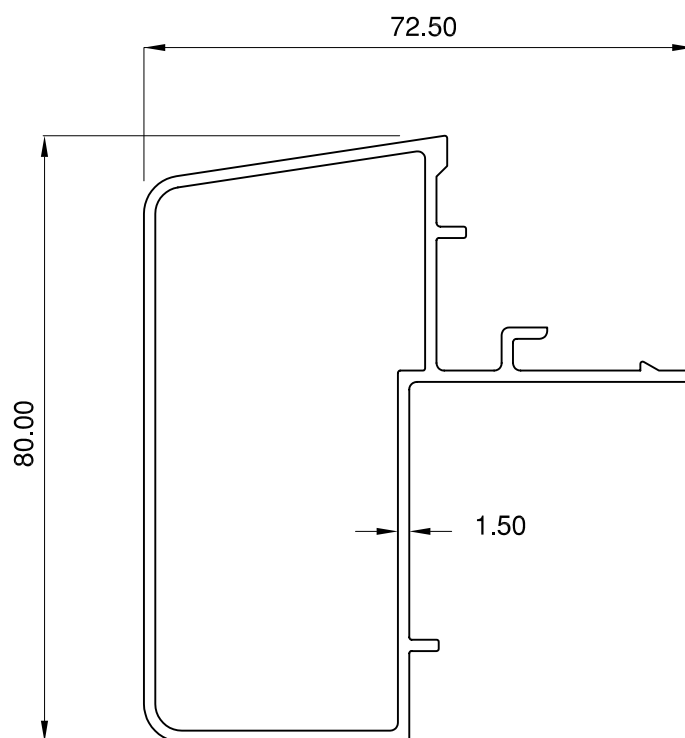
10510
WT : 0.733 Kg/m
AP : 337.46 mm



10511
WT : 0.804 Kg/m
AP : 254.06 mm



10857
WT : 0.999 Kg/m
AP : 295.29 mm



10699
WT : 1.149 Kg/m
AP : 333.38 mm



PRESS METAL
ACE High Performance Systems

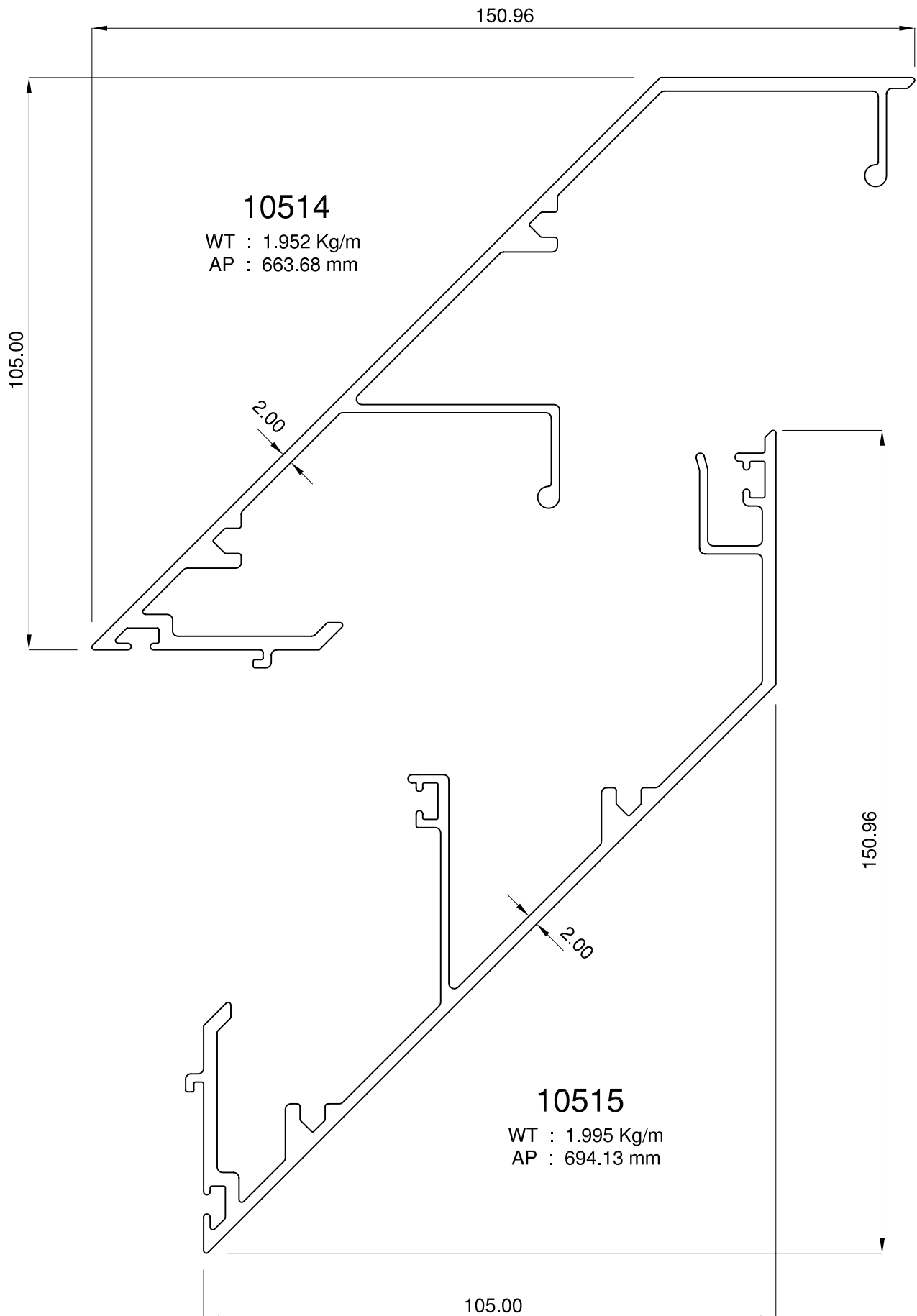
CURTAIN WALL

COMWALL™ U1

REF : CW U1 Page: 14

DATE : 1.1.2015

REPLACES :





PRESS METAL
ACE High Performance Systems

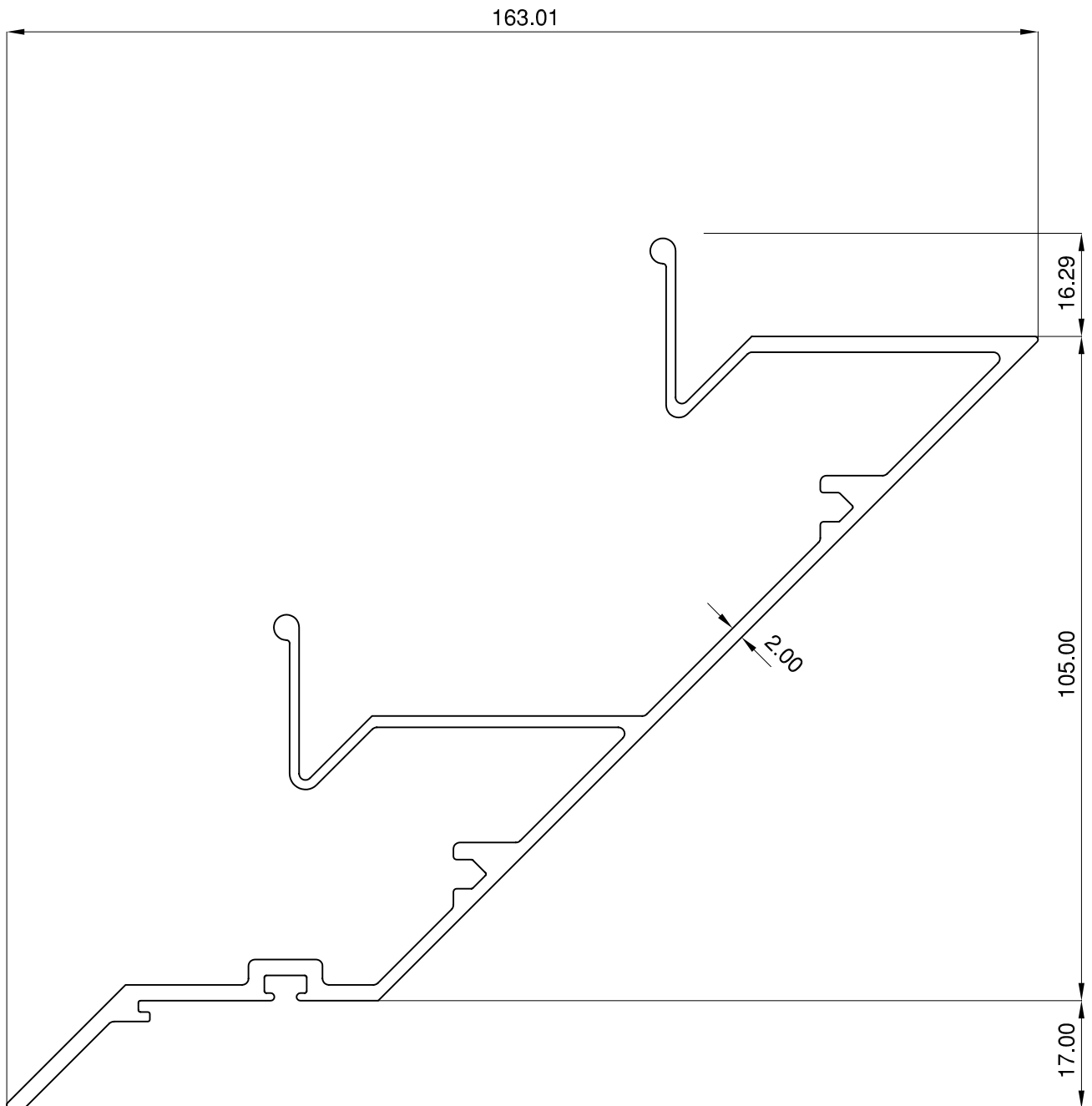
CURTAIN WALL

COMWALL™ U1

REF : CW U1 Page: 15

DATE : 1.1.2015

REPLACES :



10517

WT : 2.395 Kg/m
AP : 813.80 mm



PRESS METAL
ACE High Performance Systems

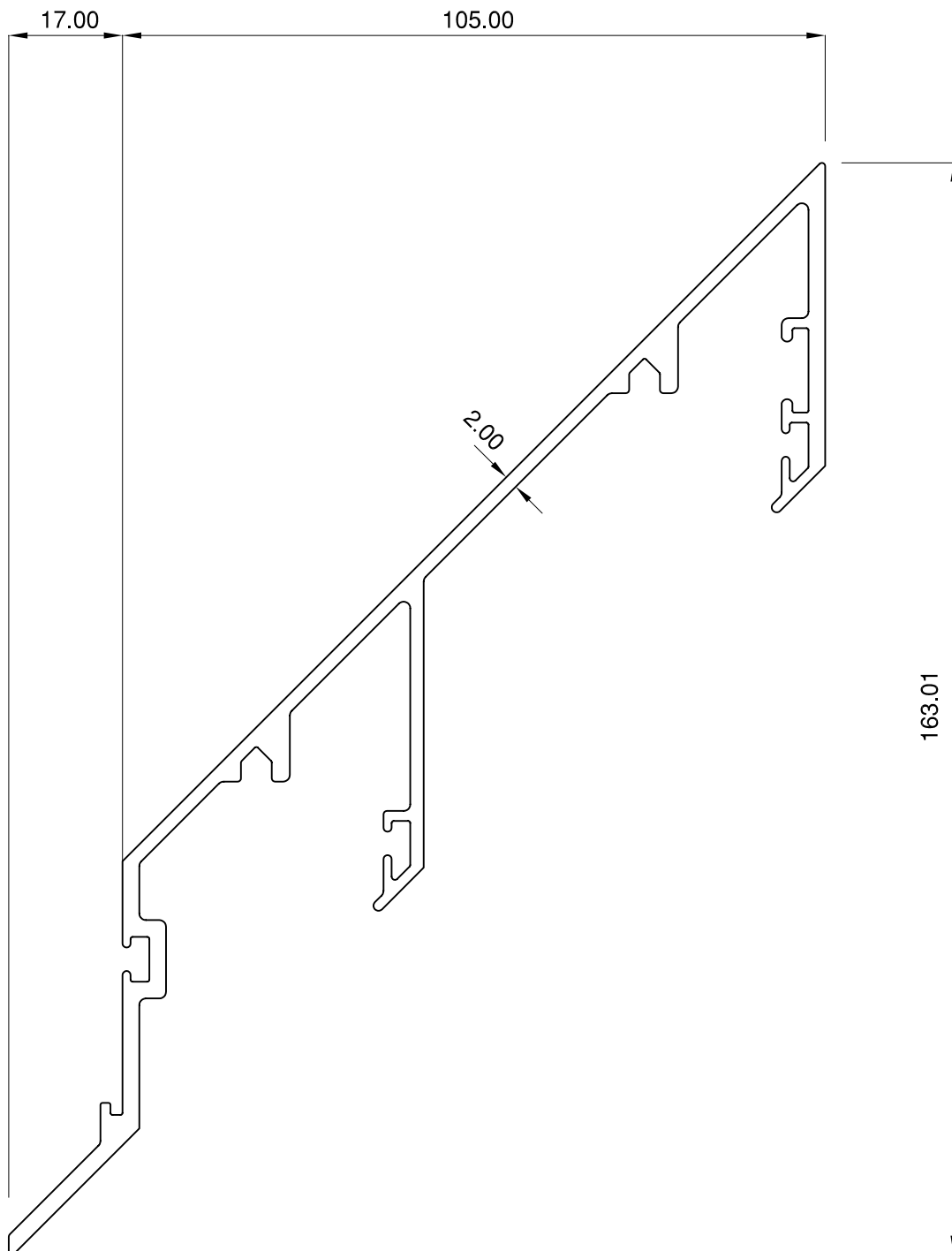
CURTAIN WALL

COMWALL™ U1

REF : CW U1 Page: 16

DATE : 1.1.2015

REPLACES :



10518A

WT : 2.207 Kg/m

AP : 720.89 mm



PRESS METAL
ACE High Performance Systems

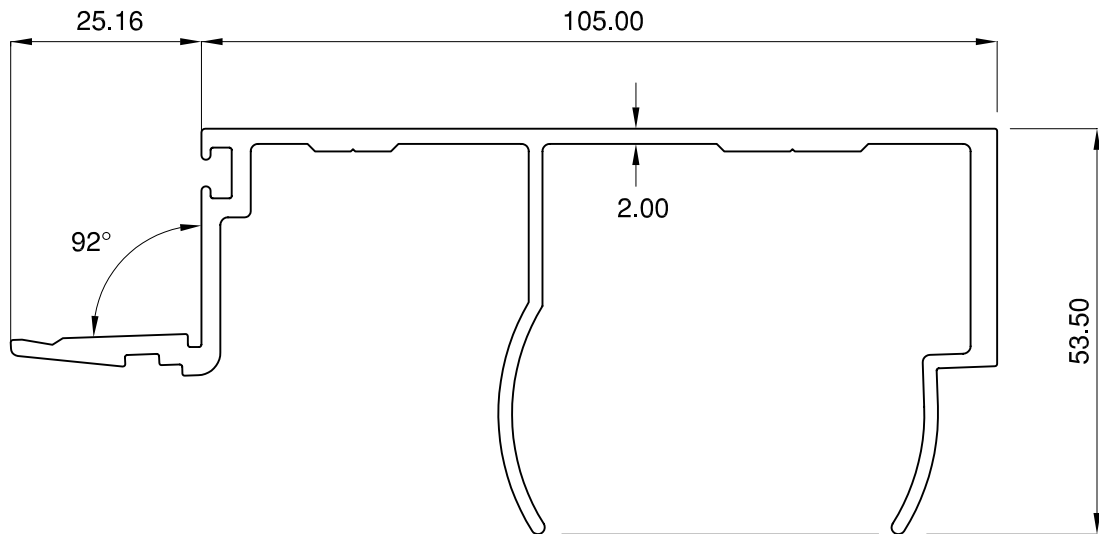
CURTAIN WALL

COMWALL™ U1

REF : CW U1 Page: 17

DATE : 1.1.2015

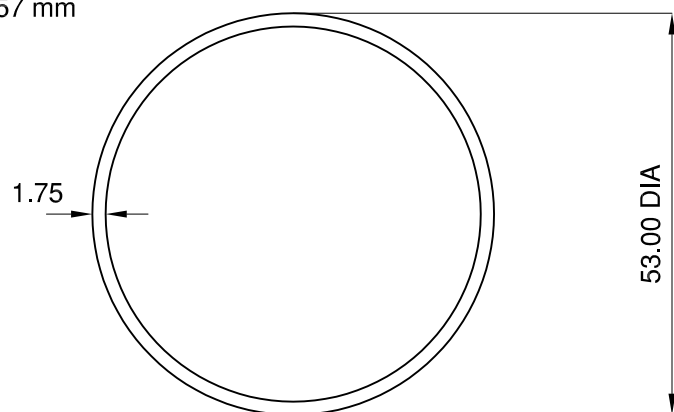
REPLACES :



10523

WT : 1.769 Kg/m

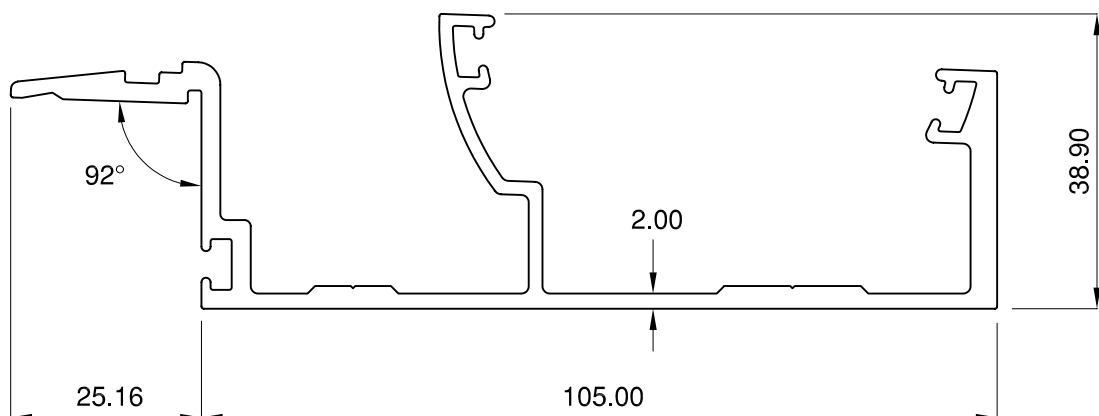
AP : 556.57 mm



1801

WT : 0.764 Kg/m

AP : 166.53 mm



10522

WT : 1.691 Kg/m

AP : 528.42 mm



PRESS METAL
ACE High Performance Systems

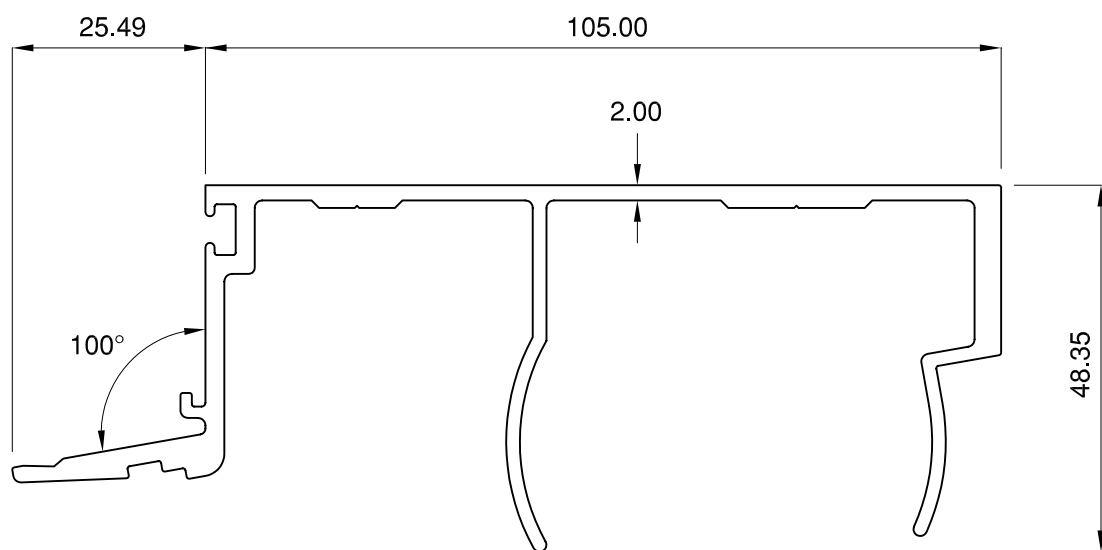
CURTAIN WALL

COMWALL™ U1

REF : CW U1 Page: 18

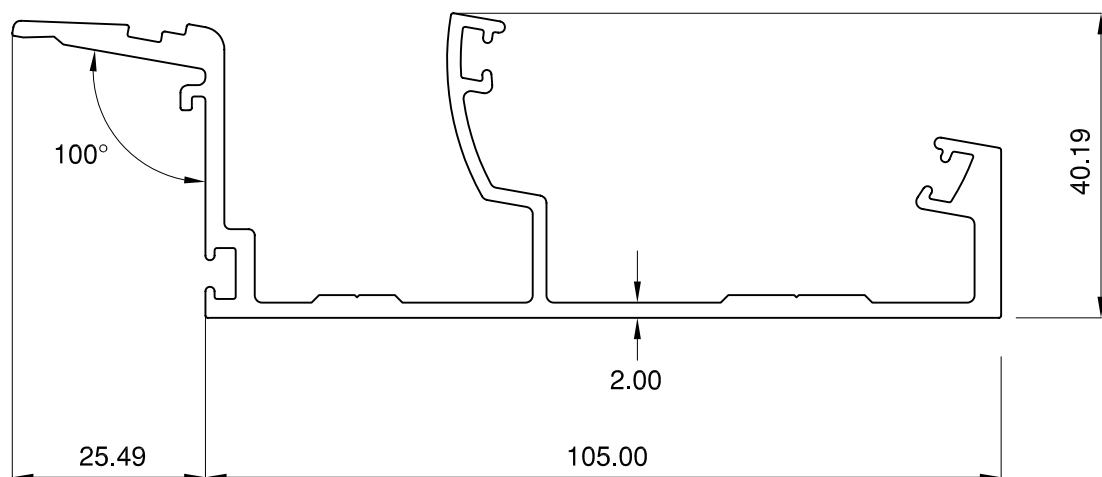
DATE : 1.1.2015

REPLACES :



10525

WT : 1.746 Kg/m
AP : 550.97 mm



10524

WT : 1.727 Kg/m
AP : 535.18 mm



PRESS METAL
ACE High Performance Systems

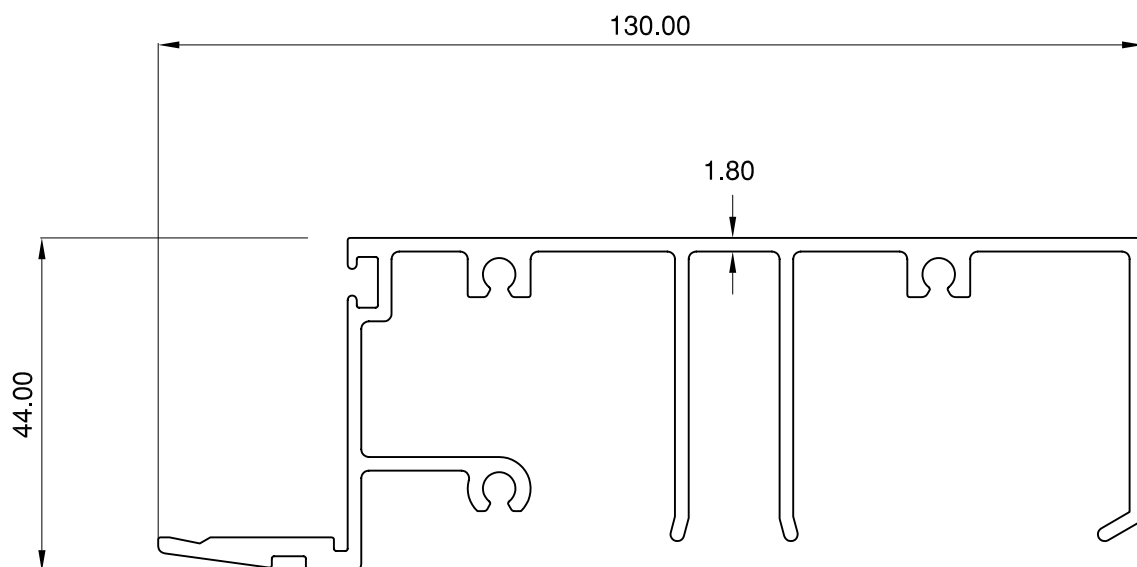
CURTAIN WALL

COMWALL™ U1

REF : CW U1 Page: 19

DATE : 1.1.2015

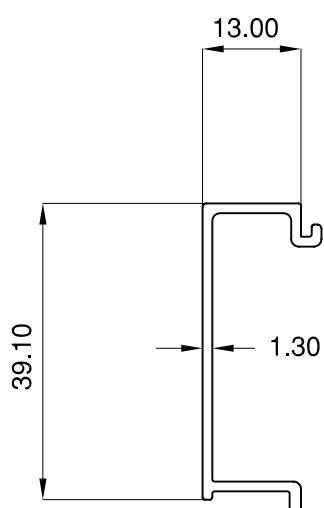
REPLACES :



11320

WT : 1.870 Kg/m

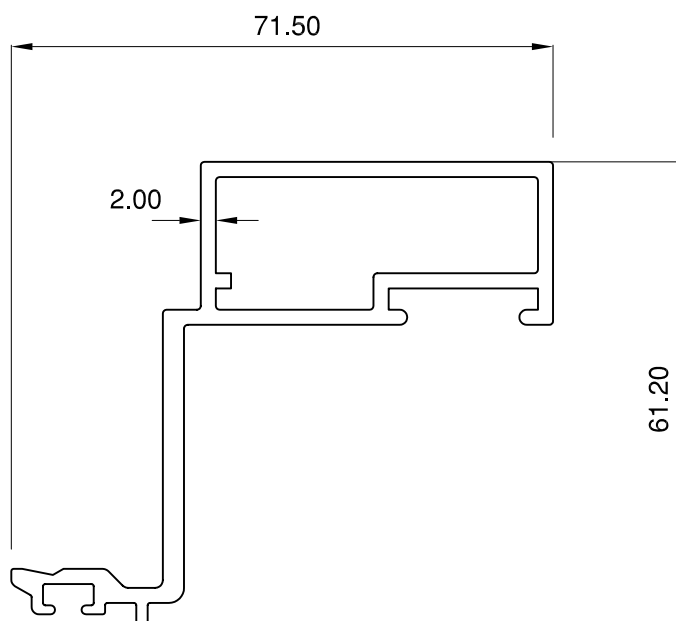
AP : 695.08 mm



12058

WT : 0.261 Kg/m

AP : 147.14 mm



11321

WT : 1.226 Kg/m

AP : 297.52 mm



PRESS METAL
ACE High Performance Systems

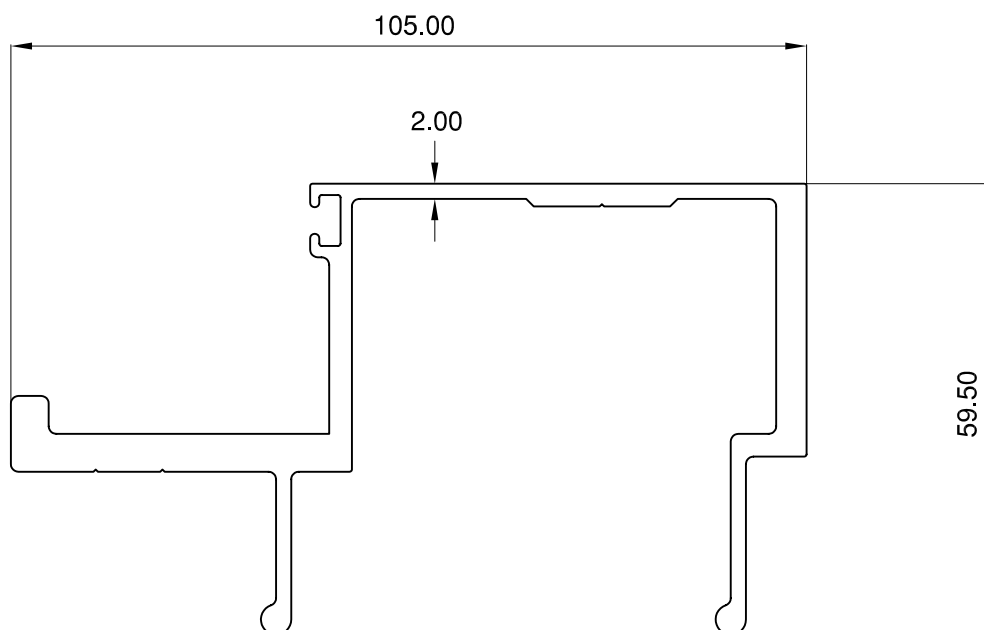
CURTAIN WALL

COMWALL™ U1

REF : CW U1 Page: 20

DATE : 1.1.2015

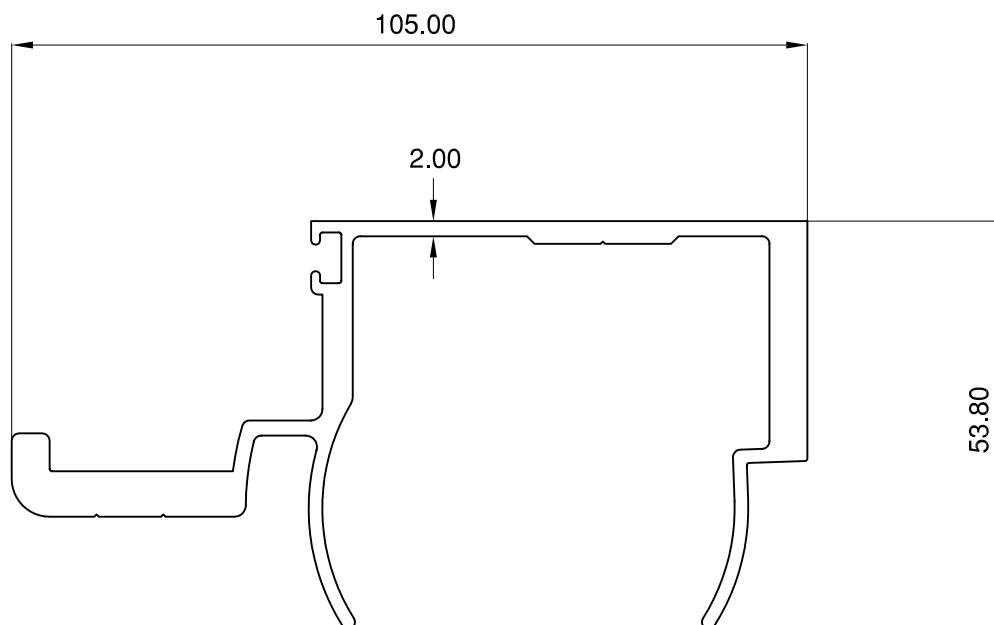
REPLACES :



11960

WT : 2.209 Kg/m

AP : 480.36 mm



11963

WT : 1.988 Kg/m

AP : 468.00 mm



PRESS METAL
ACE High Performance Systems

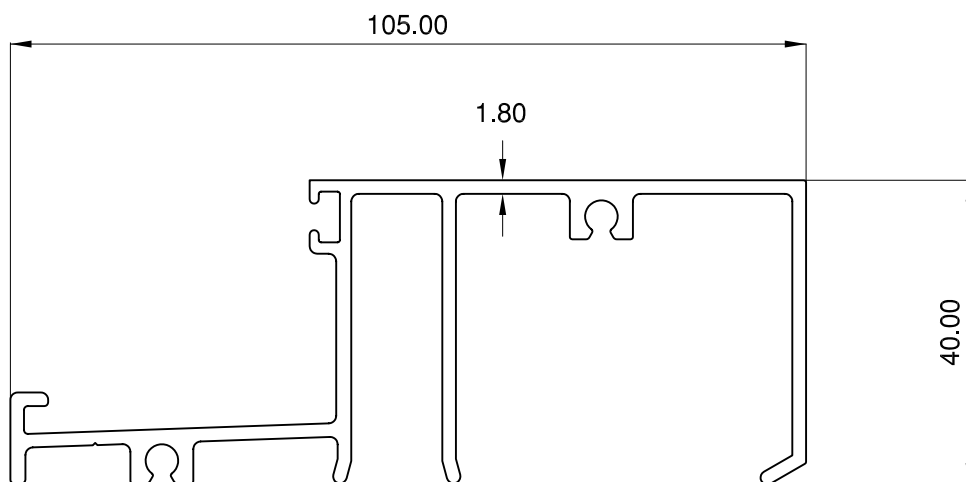
CURTAIN WALL

COMWALL™ U1

REF : CW U1 Page: 21

DATE : 1.1.2015

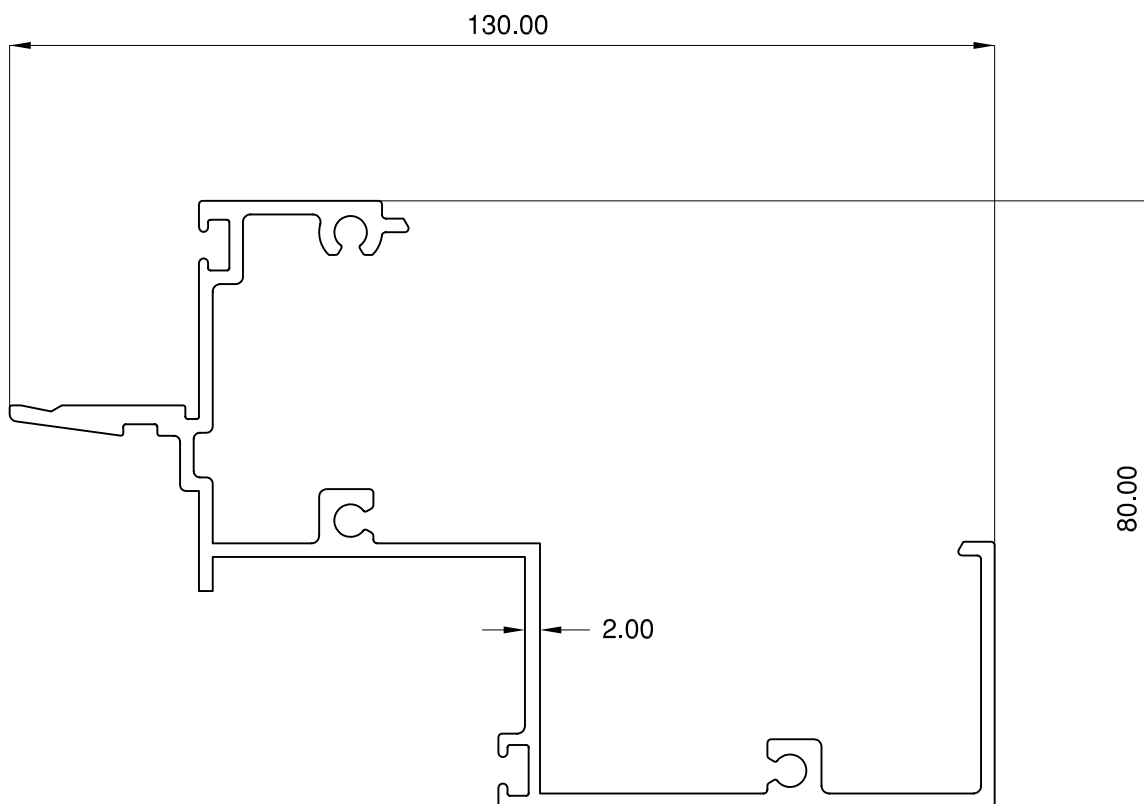
REPLACES :



11962

WT : 1.357 Kg/m

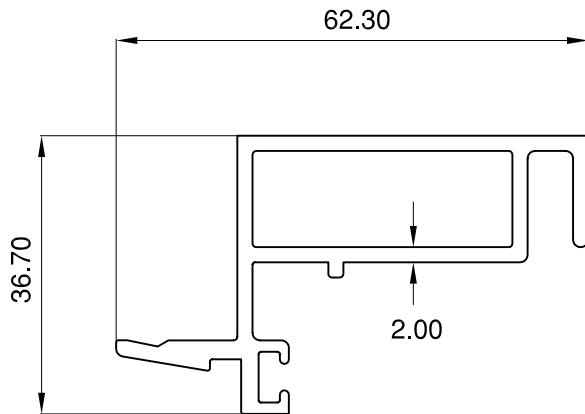
AP : 527.60 mm



11961

WT : 1.752 Kg/m

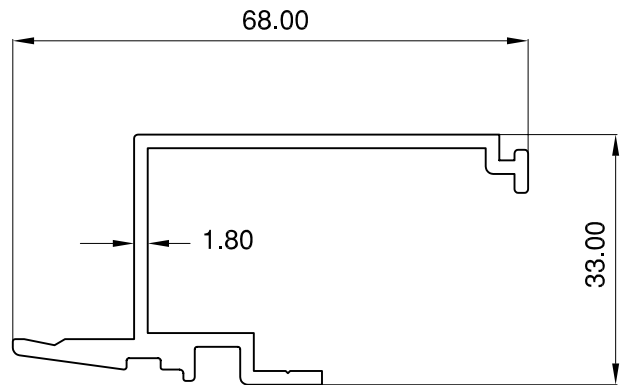
AP : 652.17 mm



11965

WT : 0.953 Kg/m

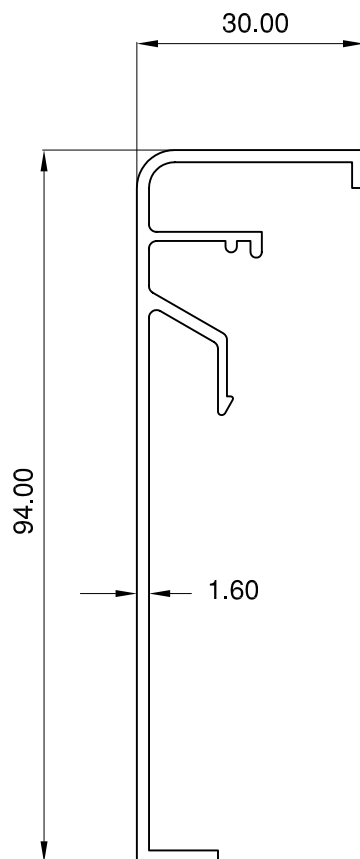
AP : 246.60 mm



11964

WT : 0.729 Kg/m

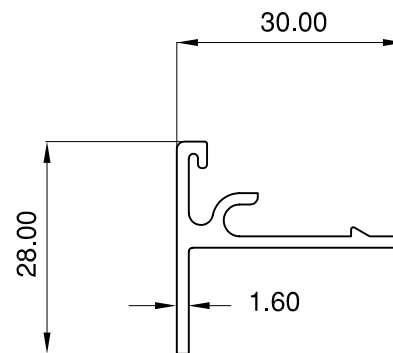
AP : 269.58 mm



11997

WT : 0.722 Kg/m

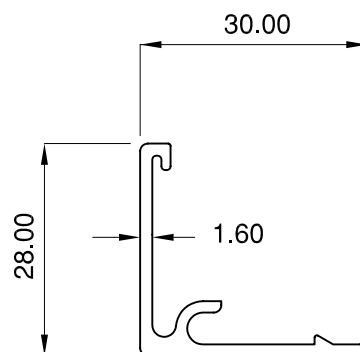
AP : 344.69 mm



11994

WT : 0.309 Kg/m

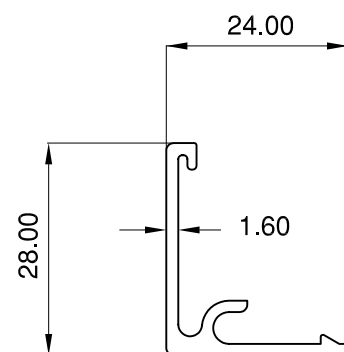
AP : 136.17 mm



11995

WT : 0.304 Kg/m

AP : 137.02 mm



11996

WT : 0.280 Kg/m

AP : 125.20 mm



PRESS METAL
ACE High Performance Systems

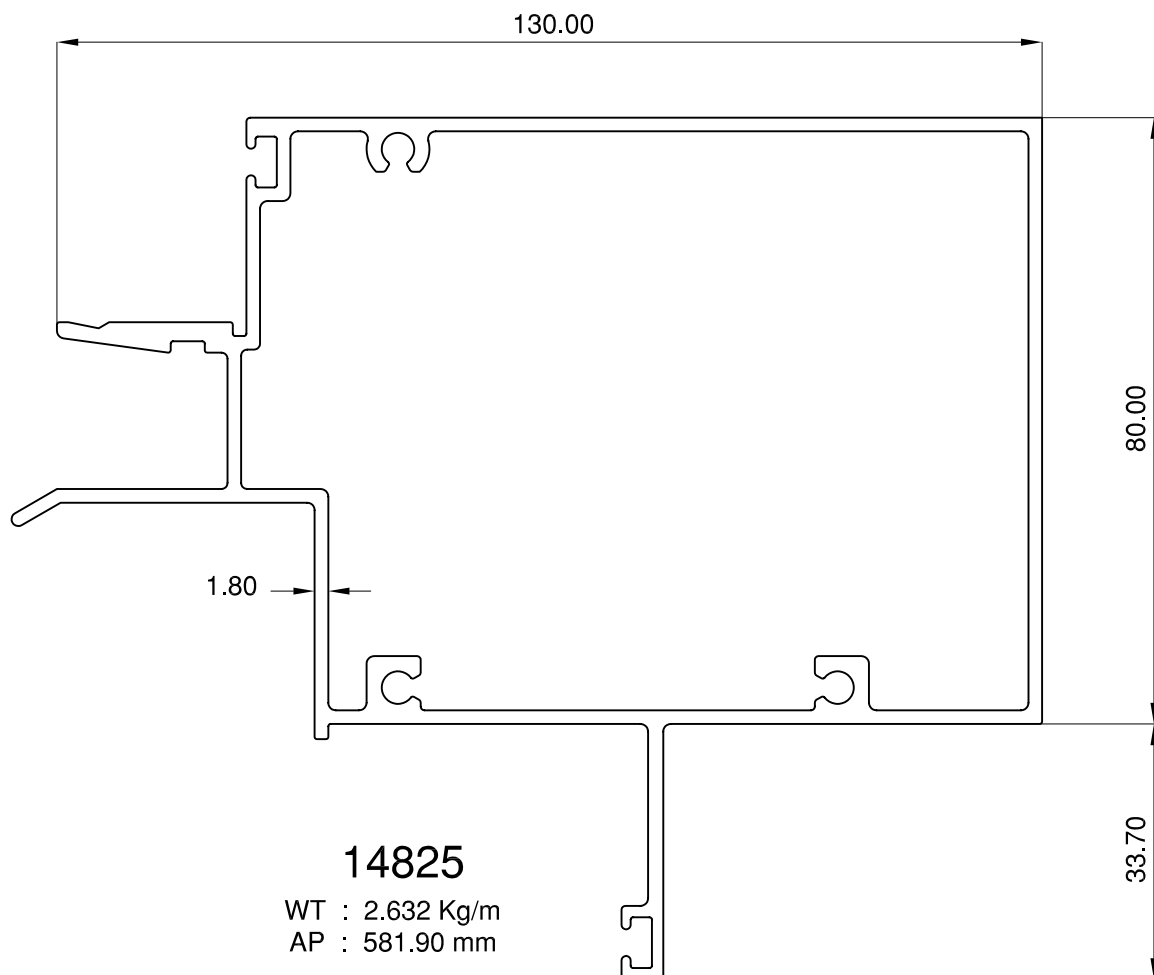
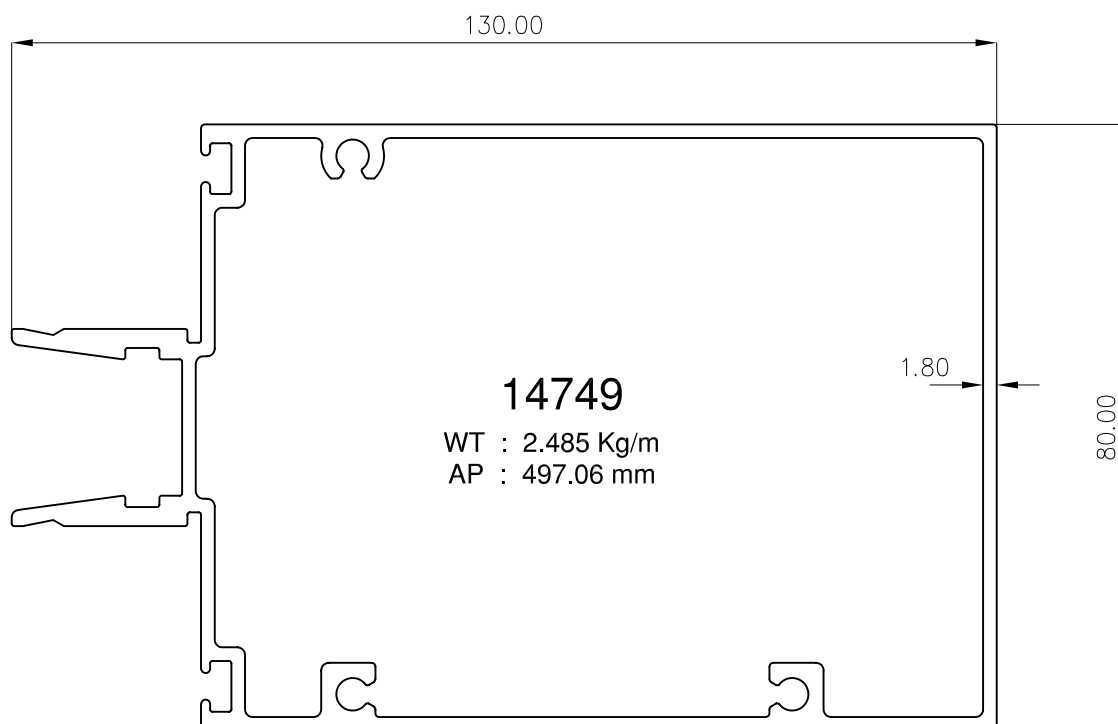
CURTAIN WALL

COMWALL™ U1

REF : CW U1 Page: 23

DATE : 1.1.2015

REPLACES :





PRESS METAL
ACE High Performance Systems

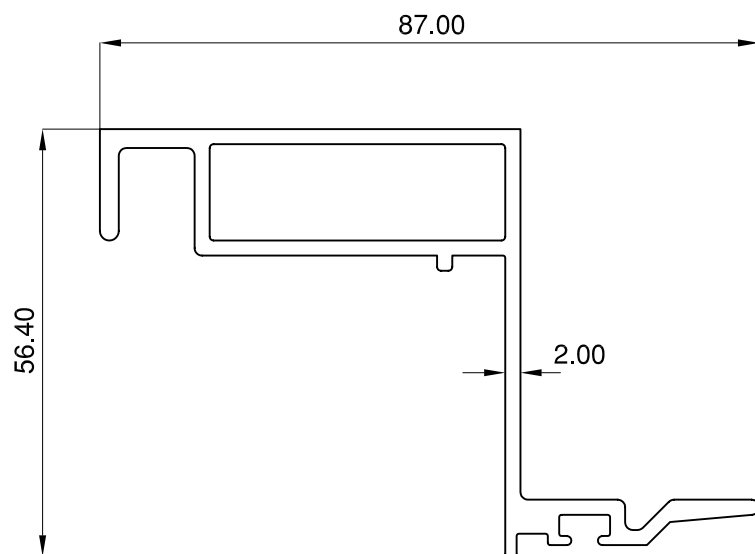
CURTAIN WALL

COMWALL™ U1

REF : CW U1 Page: 24

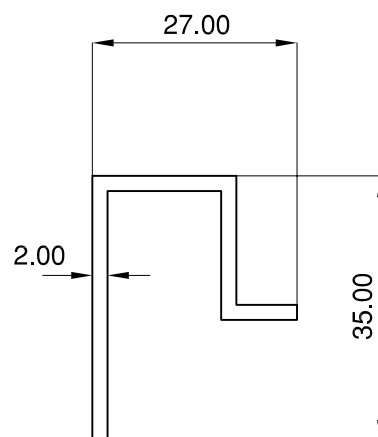
DATE : 1.1.2015

REPLACES :



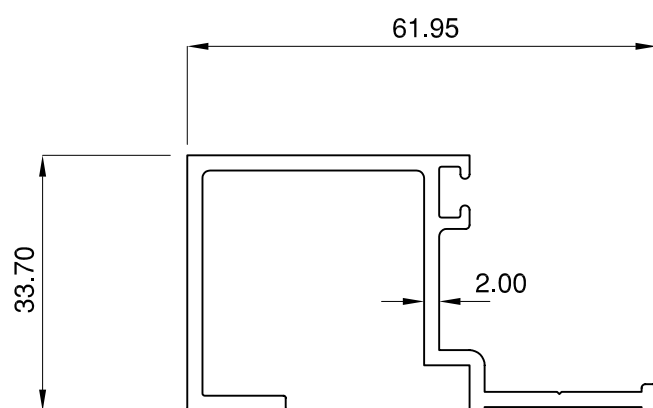
14747

WT : 1.256 Kg/m
AP : 328.23 mm



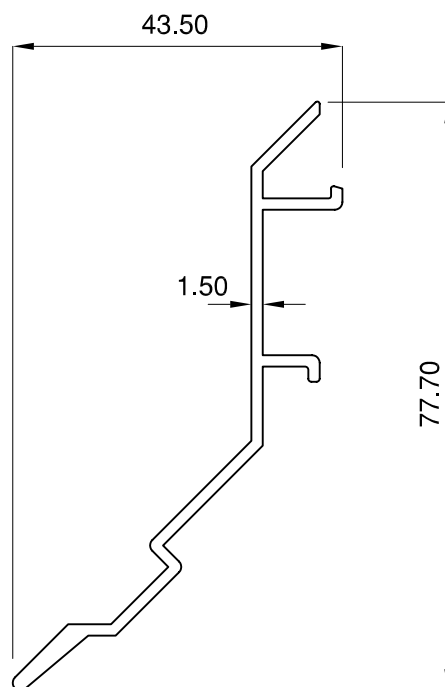
14781

WT : 0.417 Kg/m
AP : 158.00 mm



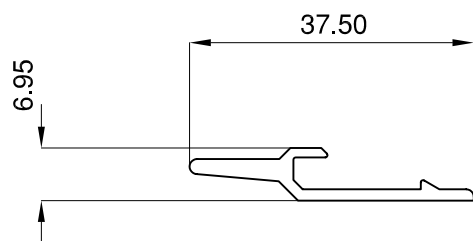
14748

WT : 0.788 Kg/m
AP : 297.50 mm



14756

WT : 0.513 Kg/m
AP : 240.36 mm



14746

WT : 0.218 Kg/m
AP : 93.28 mm



PRESS METAL
ACE High Performance Systems

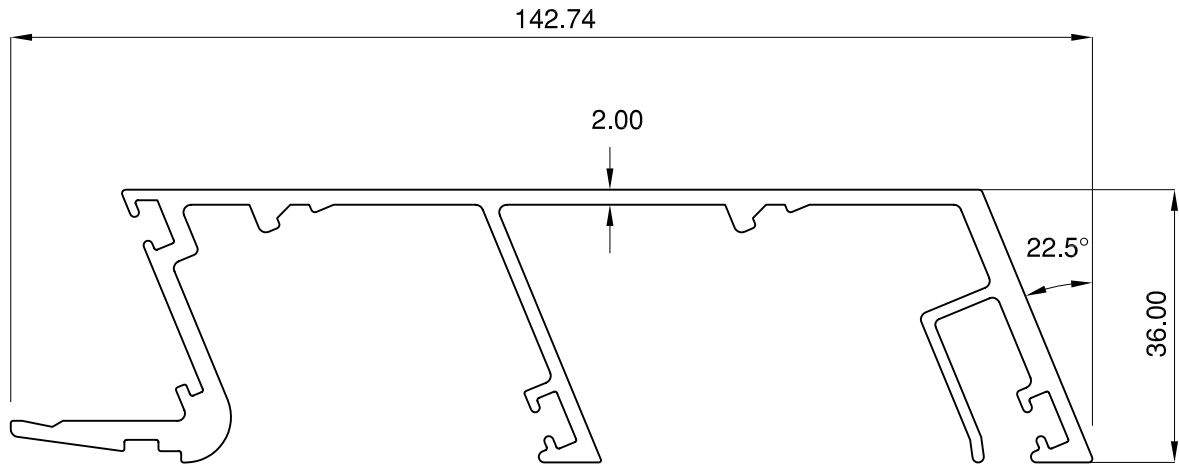
CURTAIN WALL

COMWALL™ U1

REF : CW U1 Page: 25

DATE : 1.1.2015

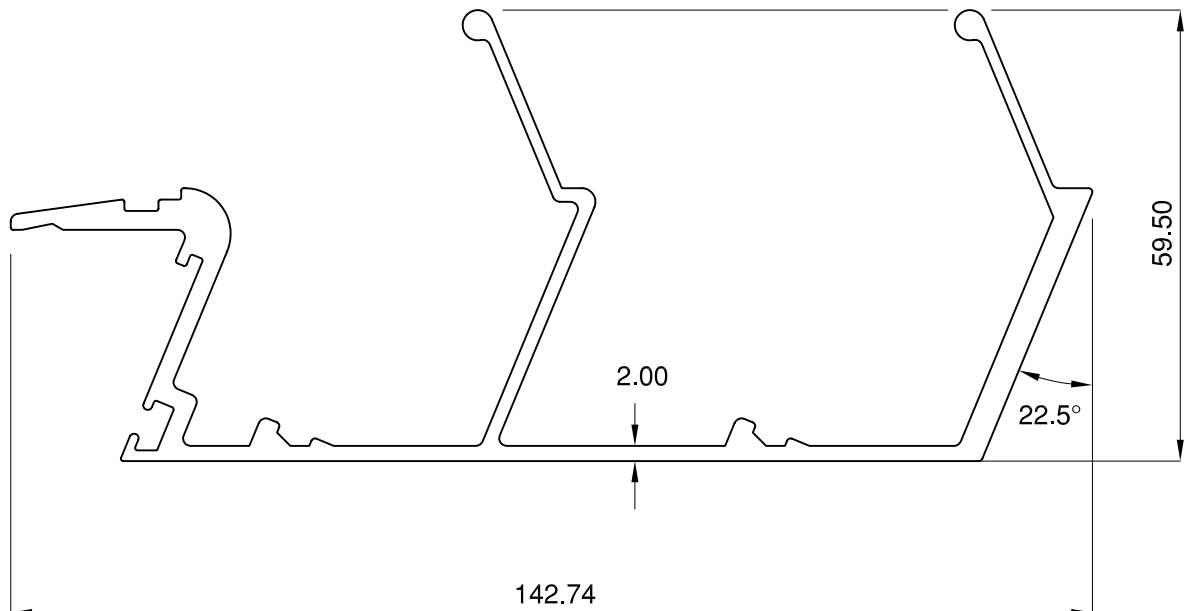
REPLACES :



14758

WT : 1.945 Kg/m

AP : 619.37 mm



14757

WT : 2.031 Kg/m

AP : 635.90 mm



PRESS METAL
ACE High Performance Systems

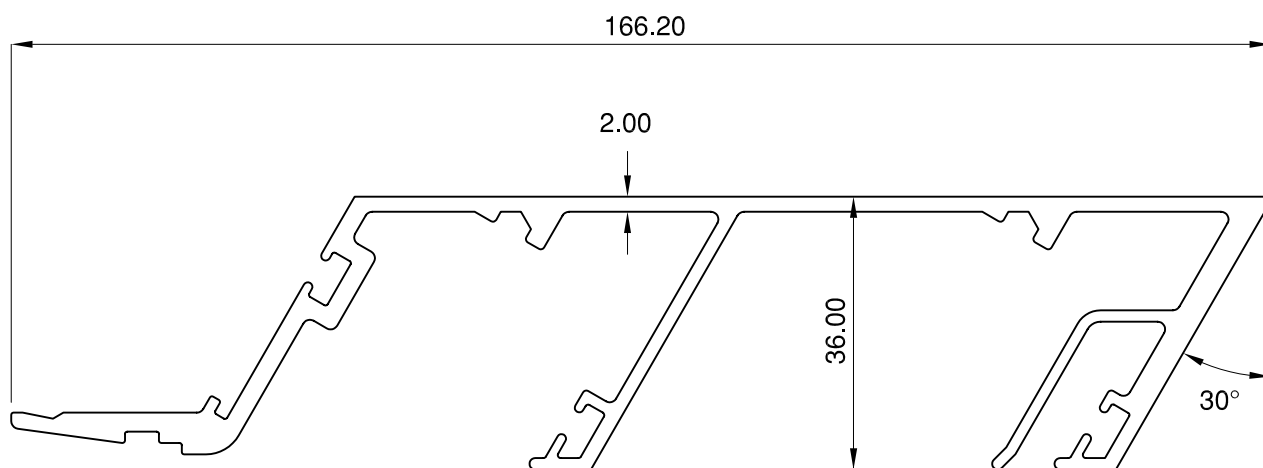
CURTAIN WALL

COMWALL™ U1

REF : CW U1 Page: 26

DATE : 1.1.2015

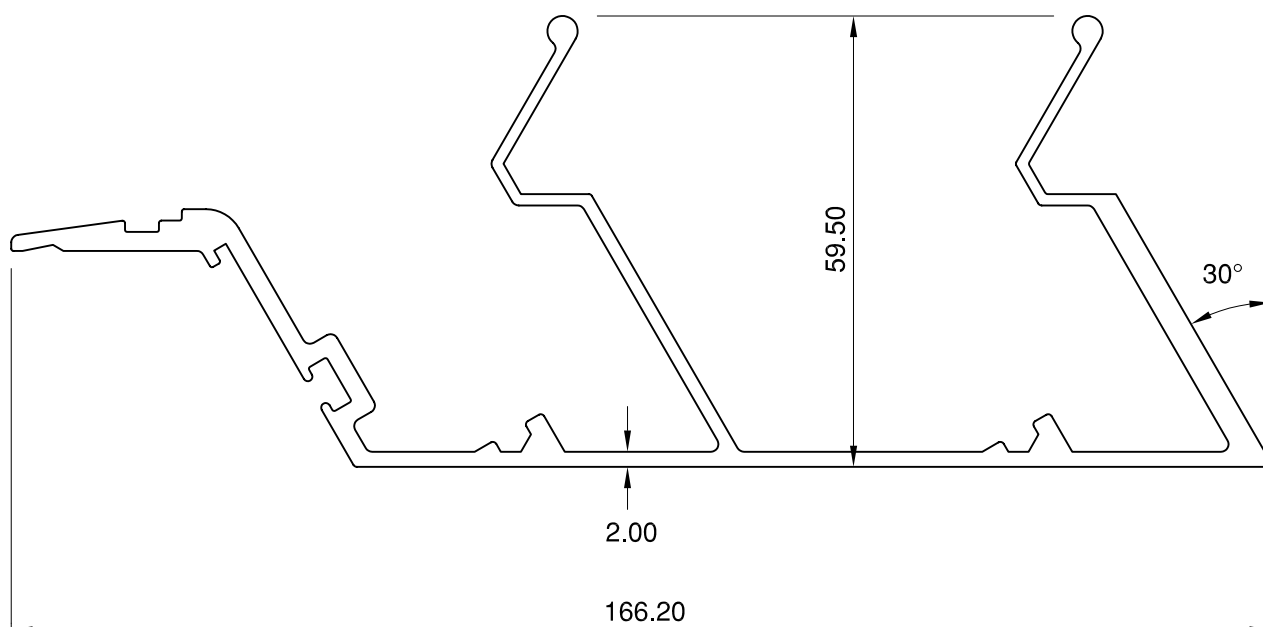
REPLACES :



14784

WT : 2.119 Kg/m

AP : 684.55 mm



14785

WT : 2.215 Kg/m

AP : 706.22 mm



PRESS METAL
ACE High Performance Systems

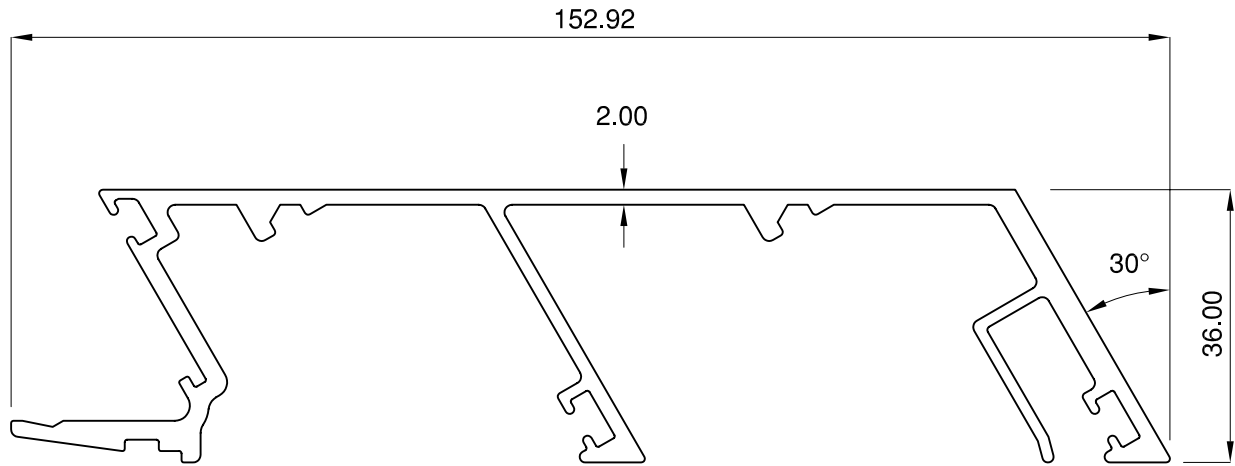
CURTAIN WALL

COMWALL™ U1

REF : CW U1 Page: 27

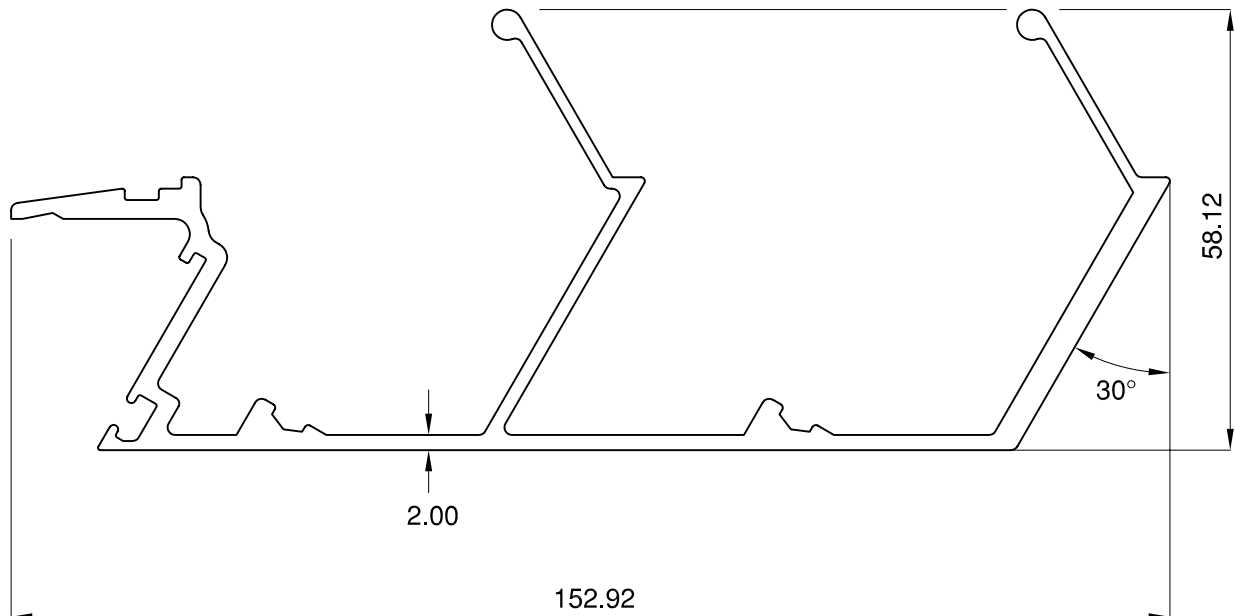
DATE : 1.1.2015

REPLACES :



14786

WT : 1.996 Kg/m
AP : 647.21 mm



14787

WT : 2.083 Kg/m
AP : 660.82 mm



PRESS METAL
ACE High Performance Systems

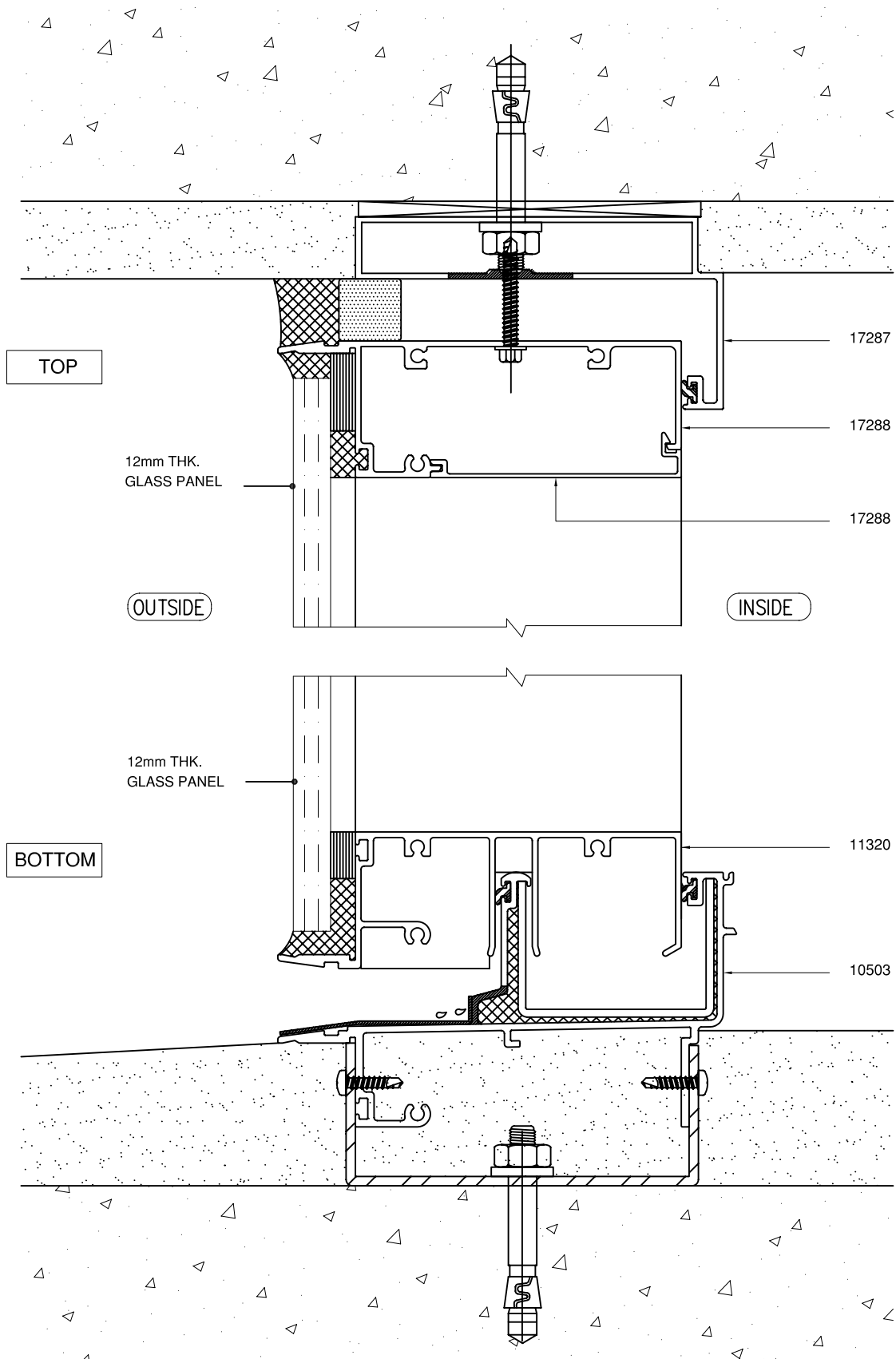
CURTAIN WALL

COMWALL™ U1

REF : CW U1 Page: 28

DATE : 1.1.2015

REPLACES :



TYPICAL ARRANGEMENT OF TOP AND BOTTOM SILL



PRESS METAL
ACE High Performance Systems

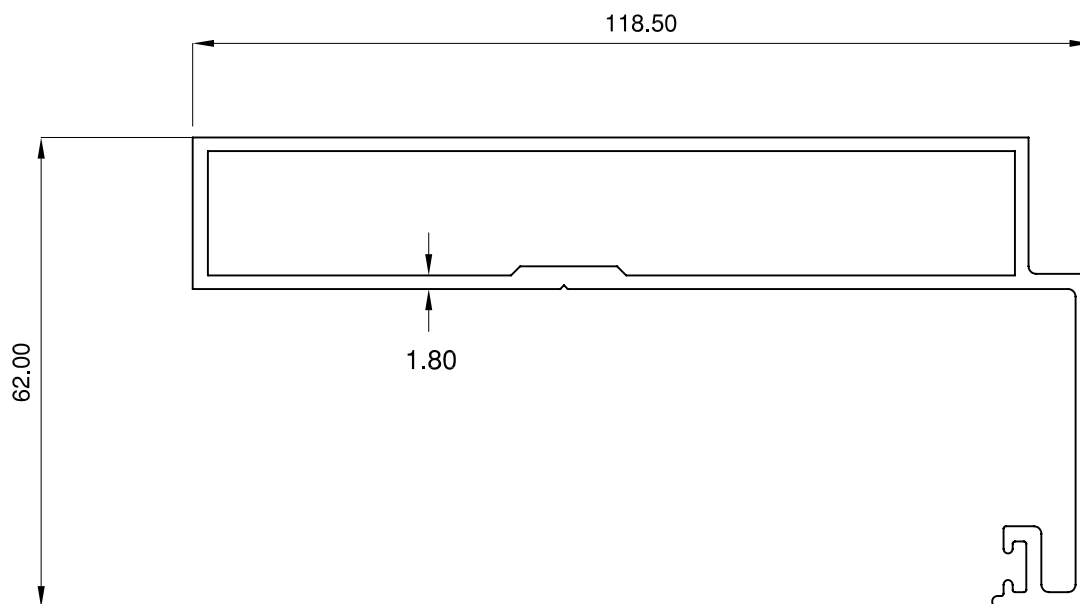
CURTAIN WALL

COMWALL™ U1

REF : CW U1 Page: 29

DATE : 1.1.2015

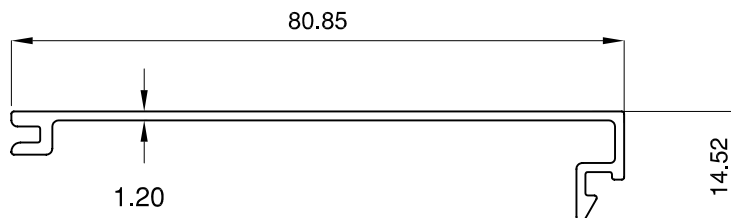
REPLACES :



17287

WT : 1.694 Kg/m

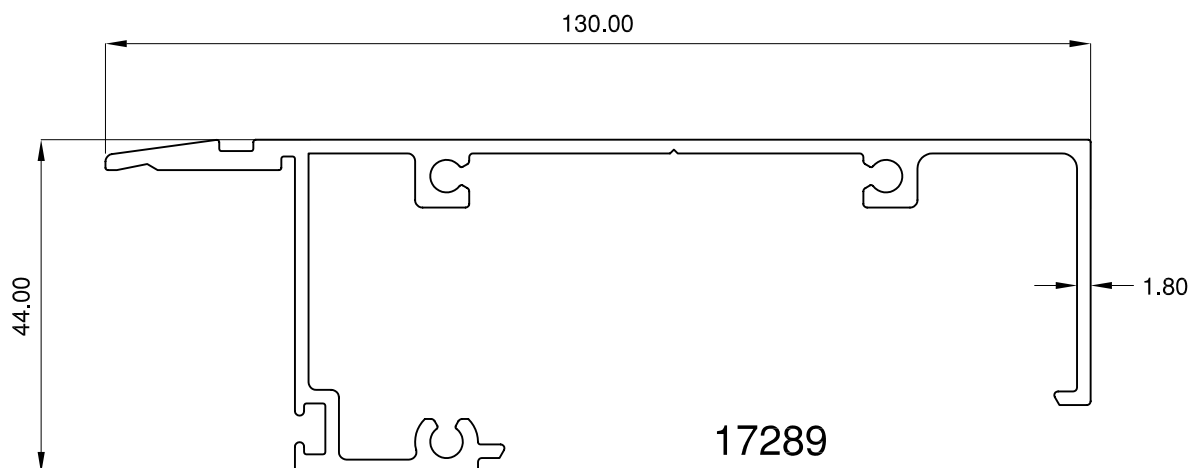
AP : 408.49 mm



17288

WT : 0.377 Kg/m

AP : 217.02 mm



17289

WT : 1.507 Kg/m

AP : 548.63 mm



PRESS METAL
ACE High Performance Systems

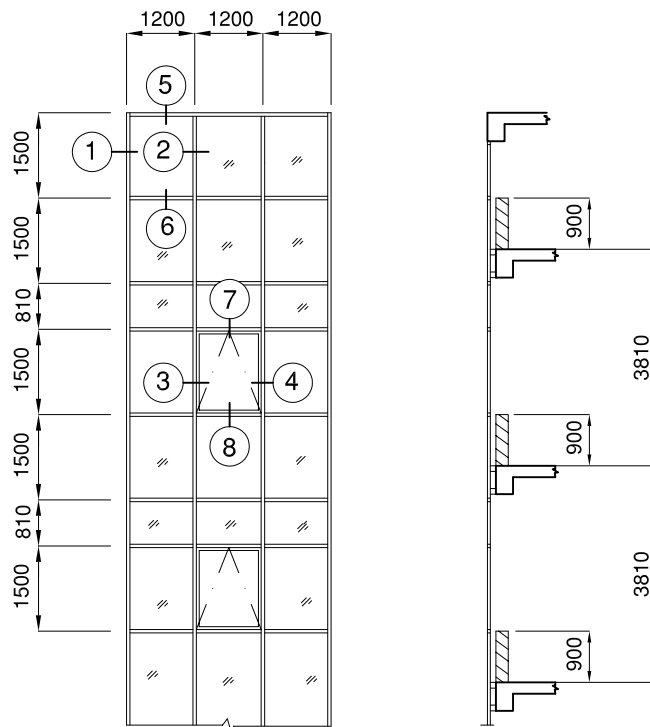
CURTAIN WALL

COMWALL™ U2

REF : CW U2 Page: 1

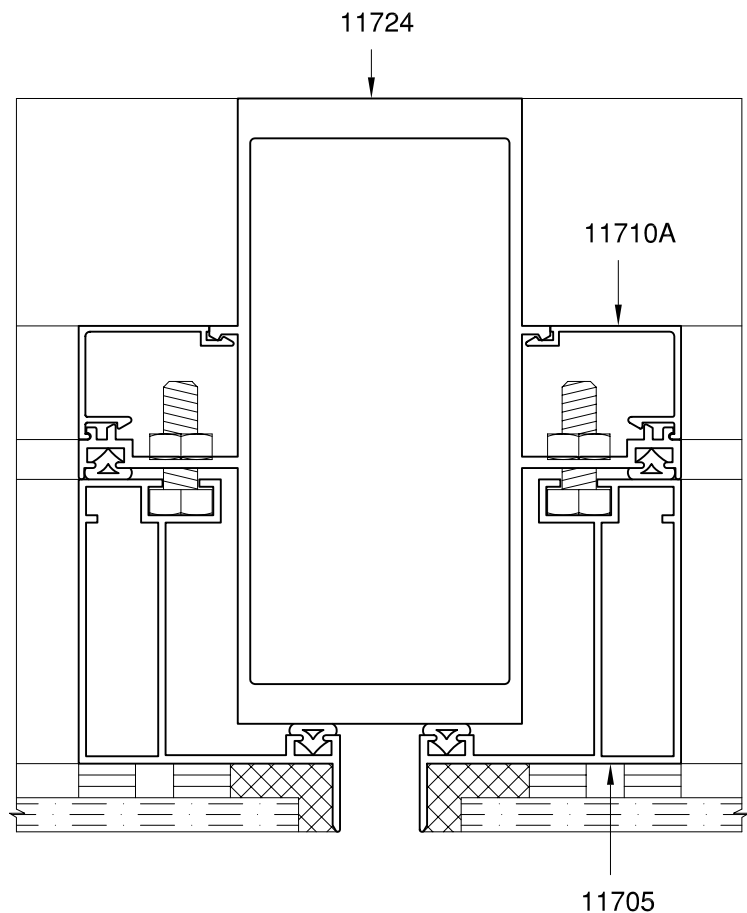
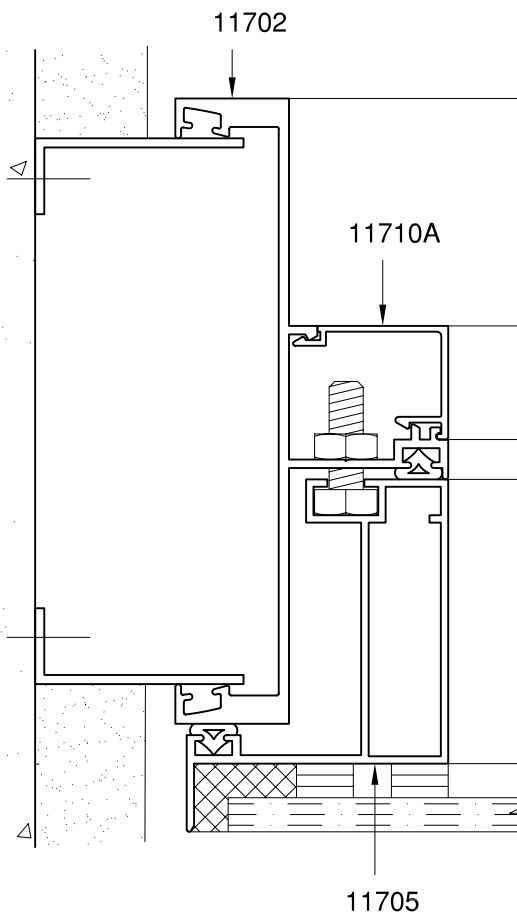
DATE : 1.1.2015

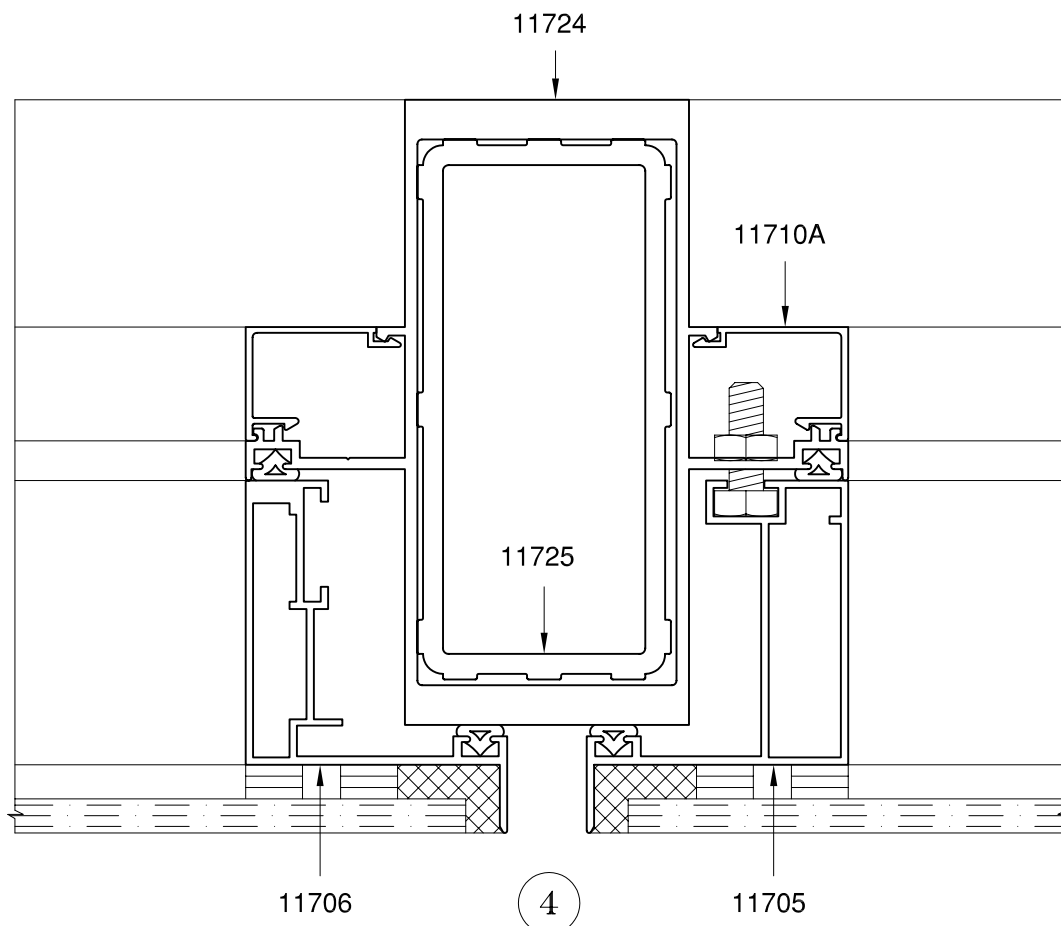
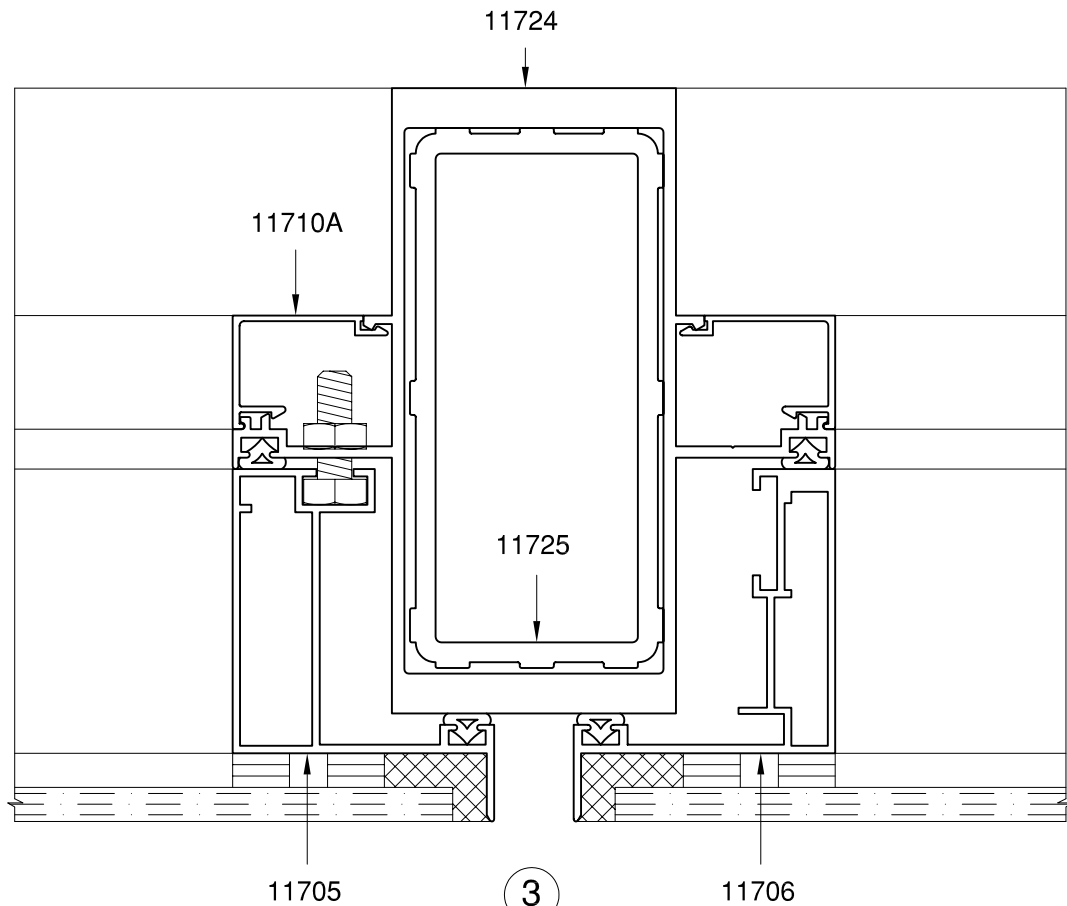
REPLACES :



ELEVATION

SCALE : NTS







PRESS METAL
ACE High Performance Systems

CURTAIN WALL

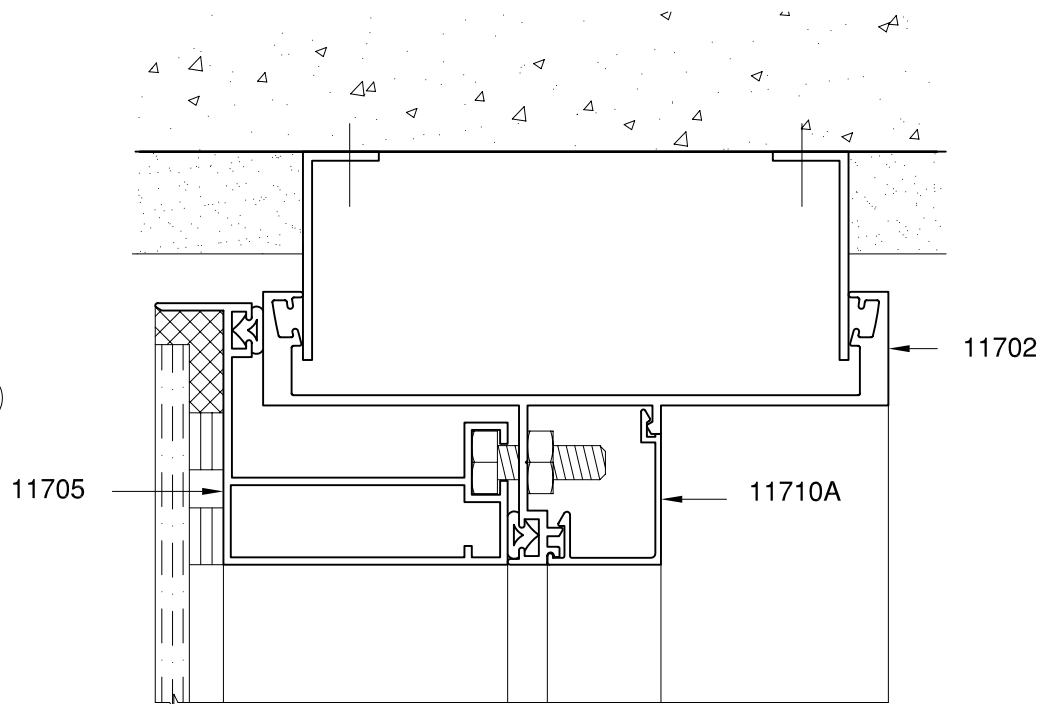
COMWALL™ U2

REF : CW U2 Page: 3

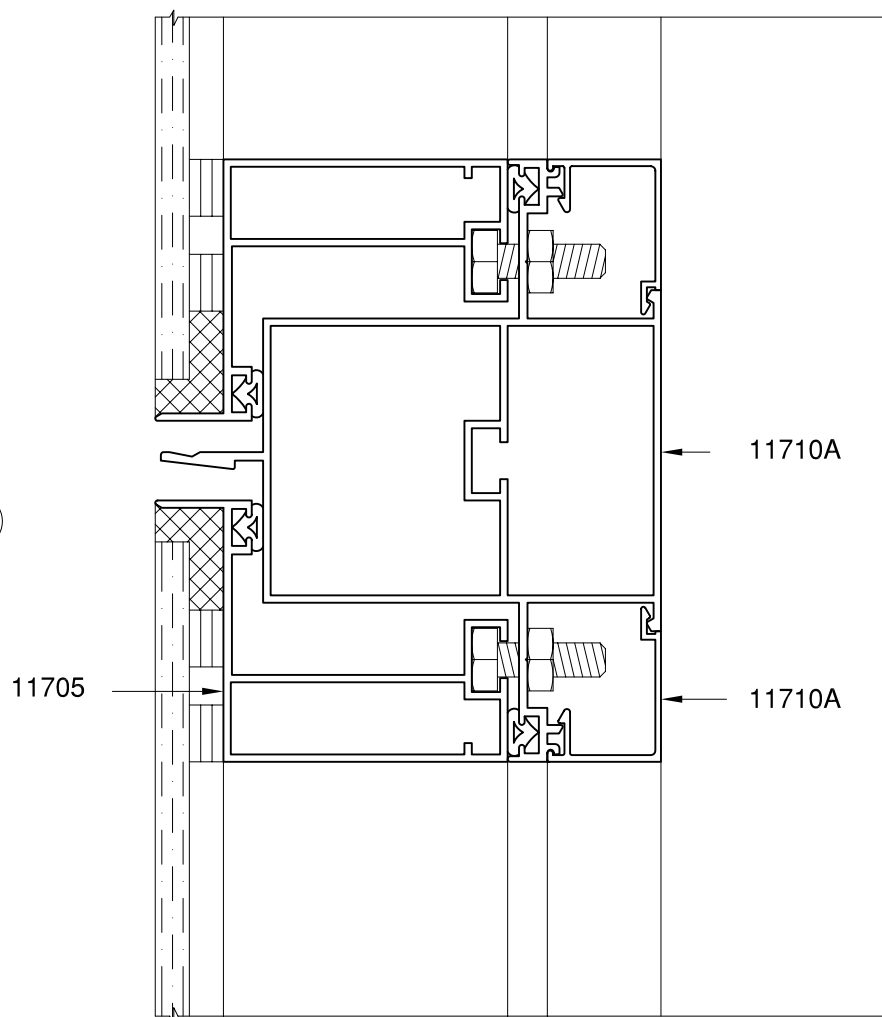
DATE : 1.1.2015

REPLACES :

5



6





PRESS METAL
ACE High Performance Systems

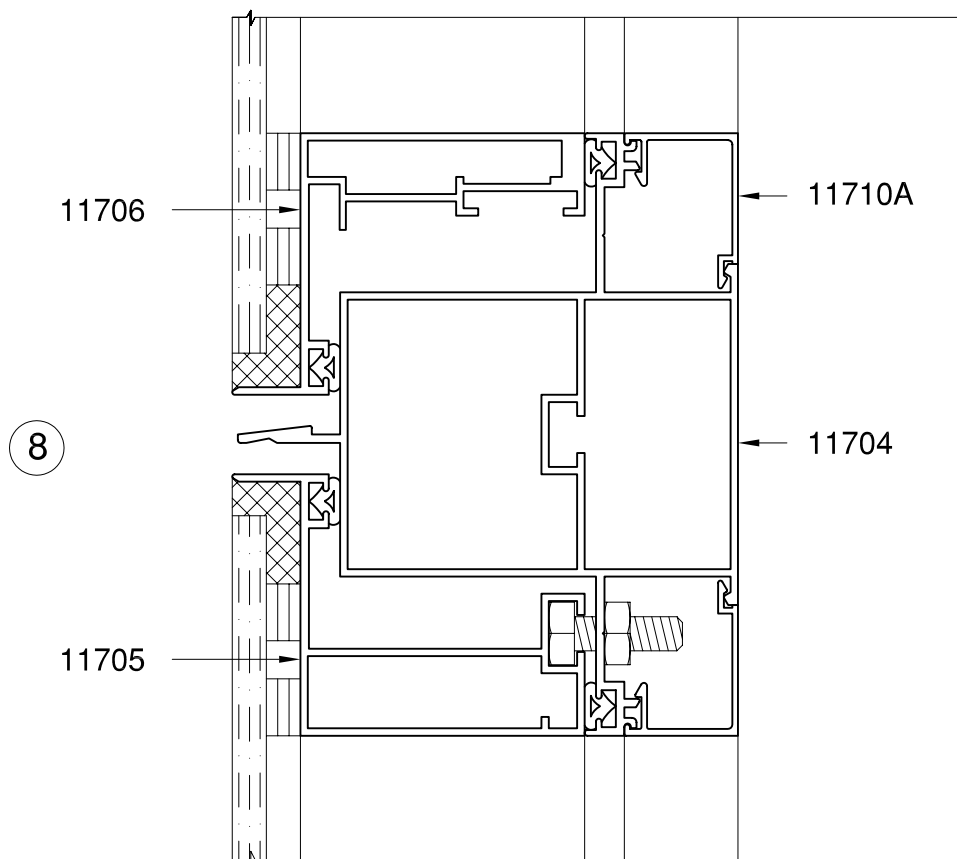
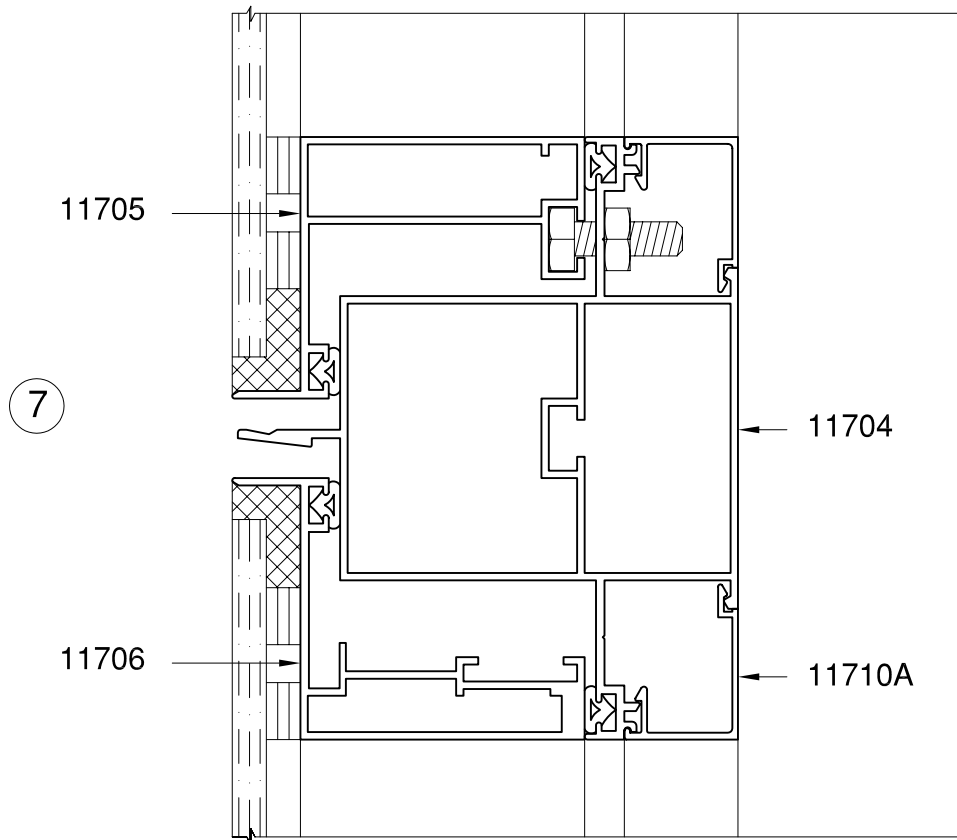
CURTAIN WALL

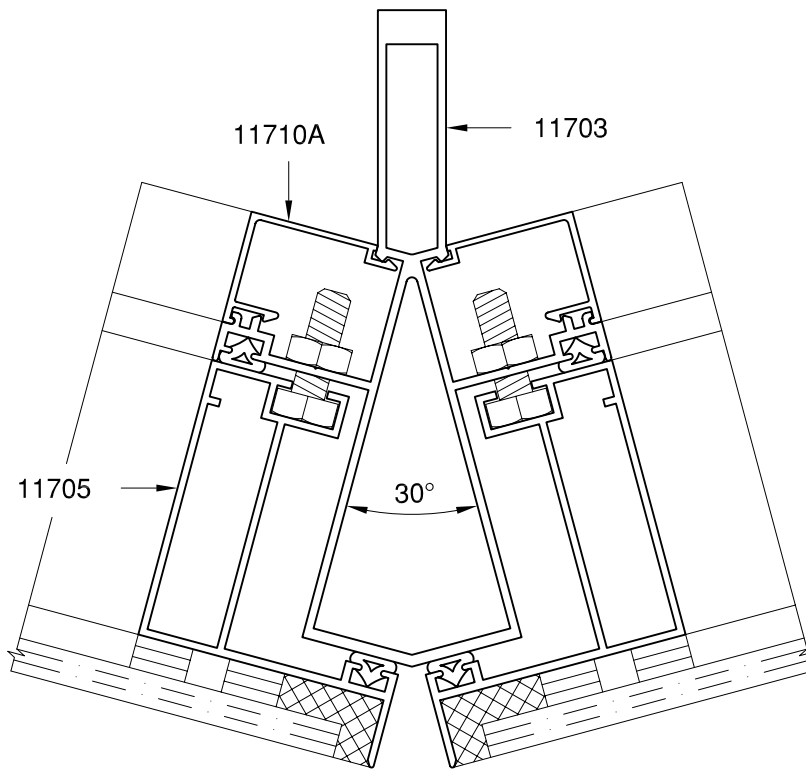
COMWALL™ U2

REF : CW U2 Page: 4

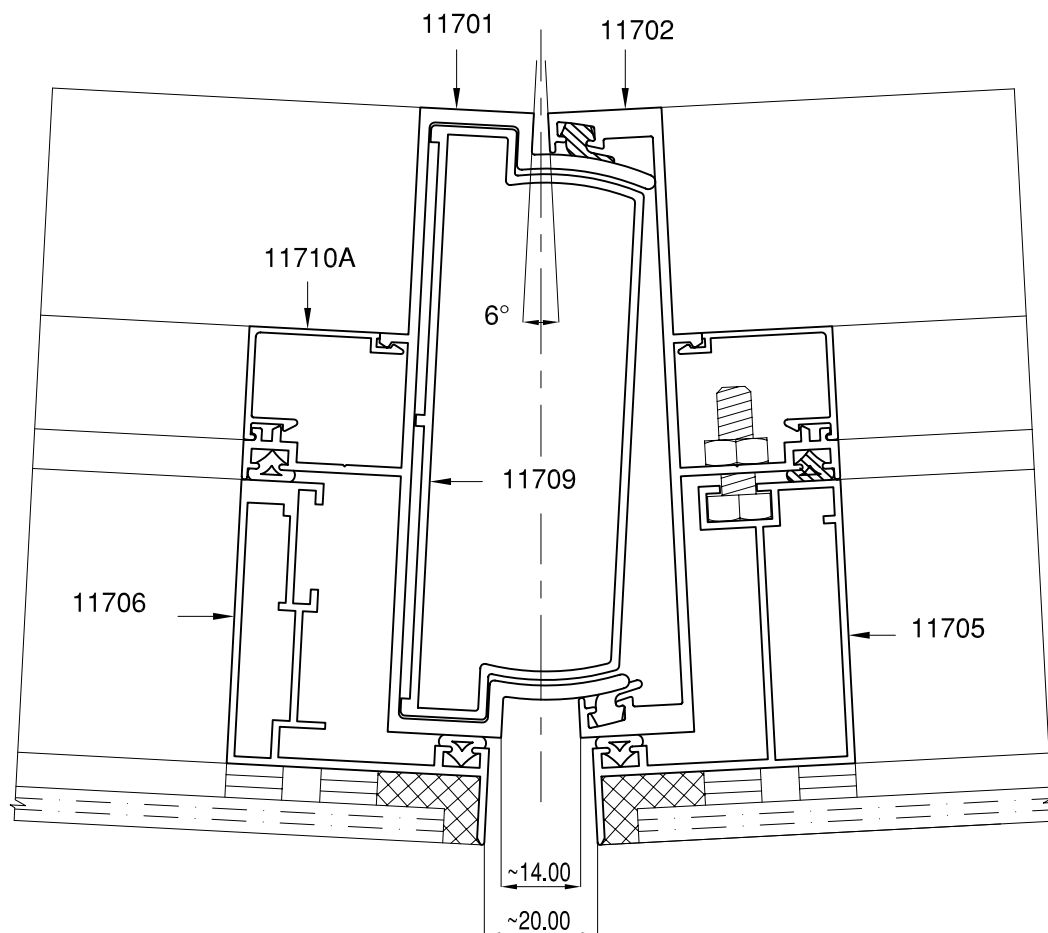
DATE : 1.1.2015

REPLACES :

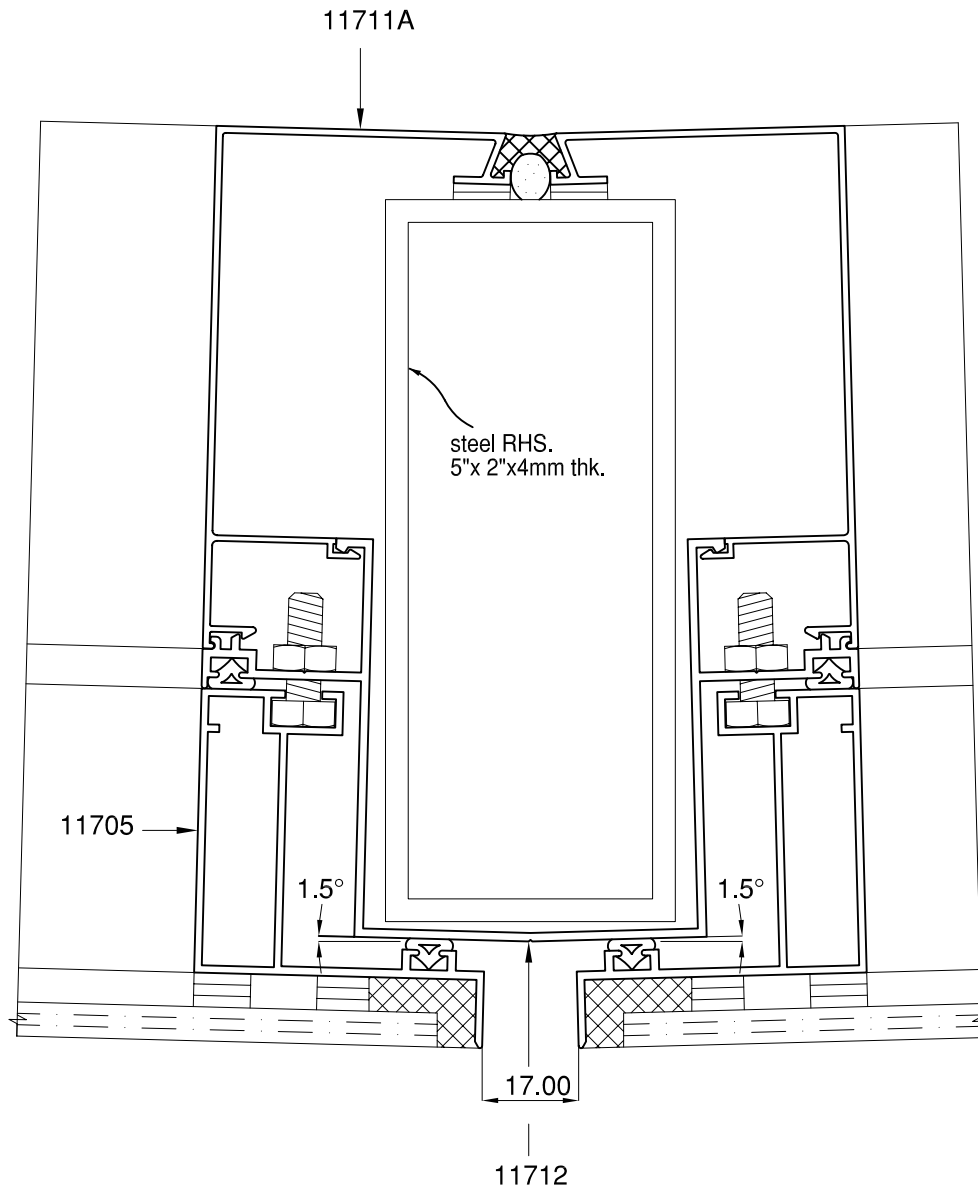




CURVE CURTAIN WALL OF TOWER BLOCK



CURVE CURTAIN WALL OF TOWER BLOCK



CURVE CURTAIN WALL OF PODIUM BLOCK



PRESS METAL
ACE High Performance Systems

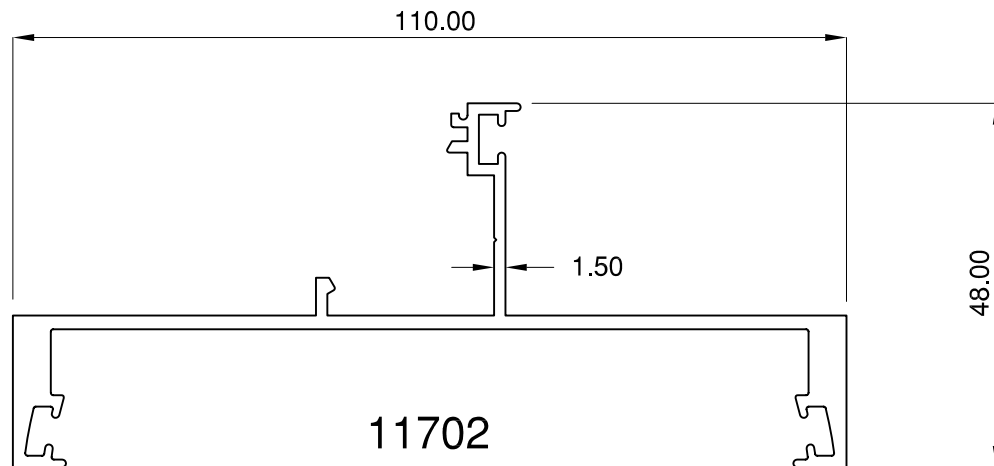
CURTAIN WALL

COMWALL™ U2

REF : CW U2 Page: 7

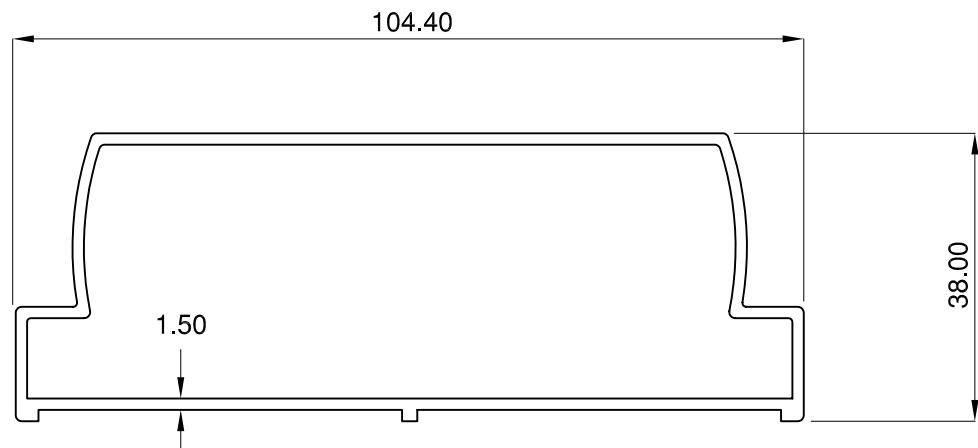
DATE : 1.1.2015

REPLACES :



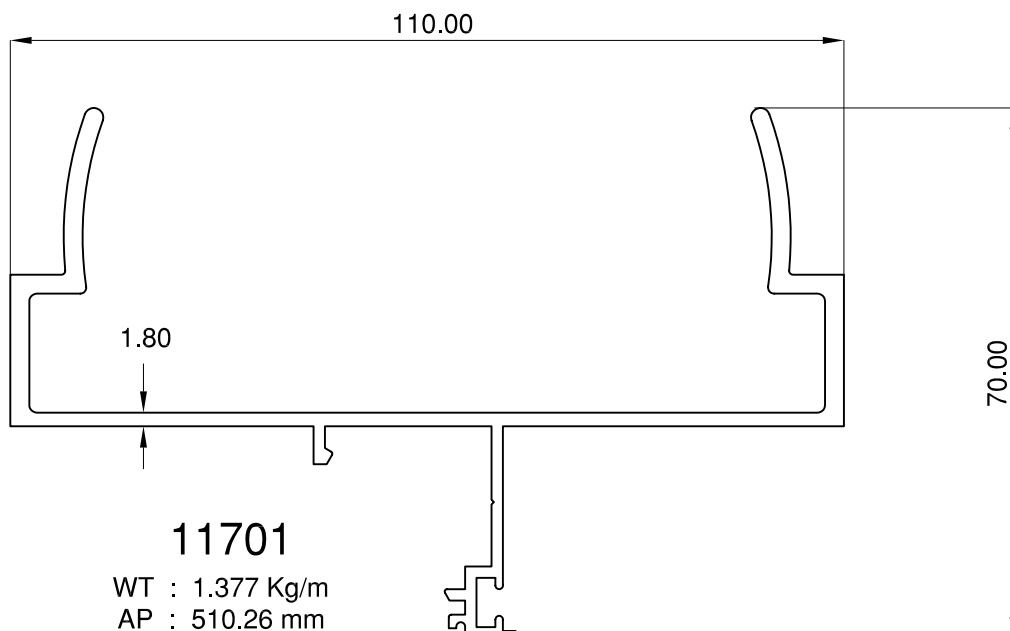
11702

WT : 1.161 Kg/m
AP : 429.62 mm



11709

WT : 1.134 Kg/m
AP : 284.49 mm



11701

WT : 1.377 Kg/m
AP : 510.26 mm



PRESS METAL
ACE High Performance Systems

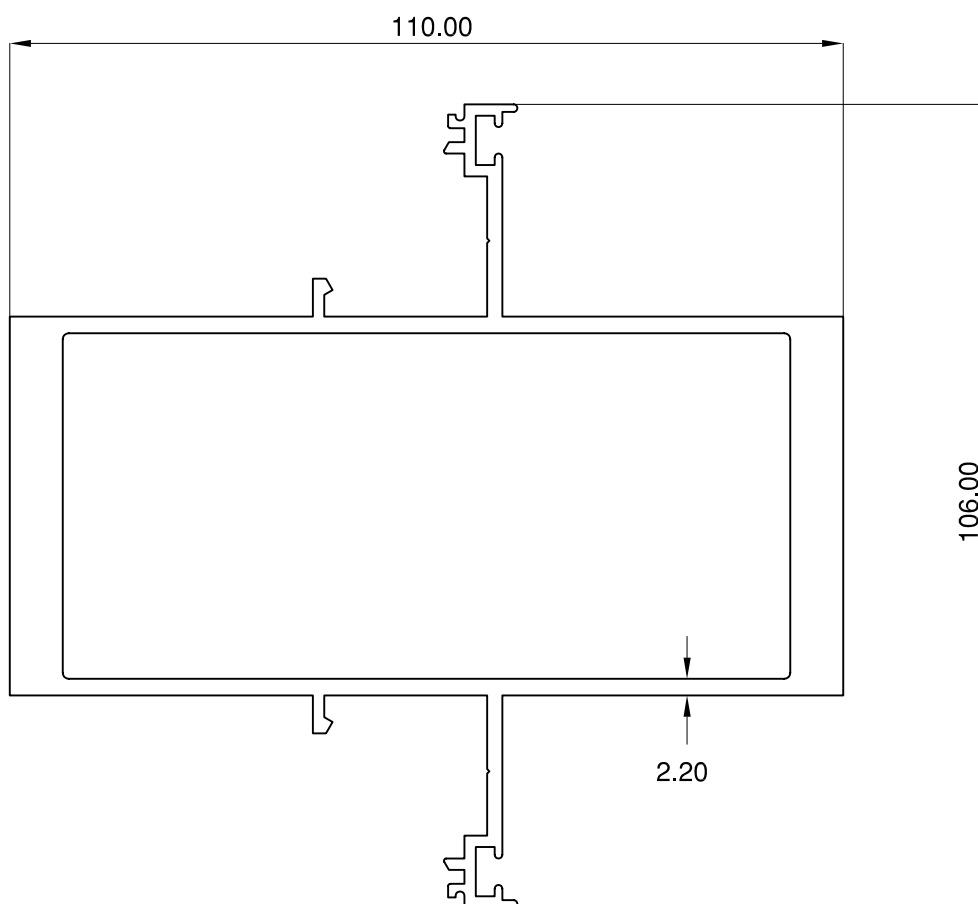
CURTAIN WALL

COMWALL™ U2

REF : CW U2 Page: 8

DATE : 1.1.2015

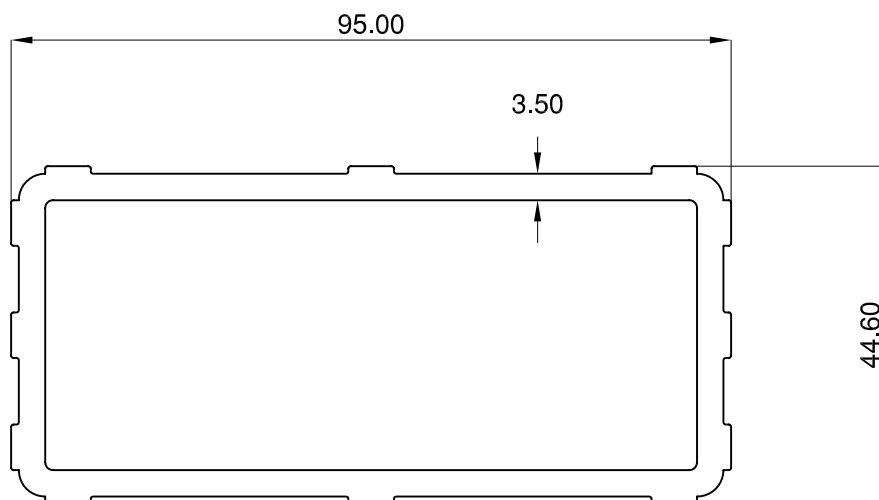
REPLACES :



11724

WT : 3.474 Kg/m

AP : 518.27 mm



11725

WT : 2.598 Kg/m

AP : 284.30 mm



PRESS METAL
ACE High Performance Systems

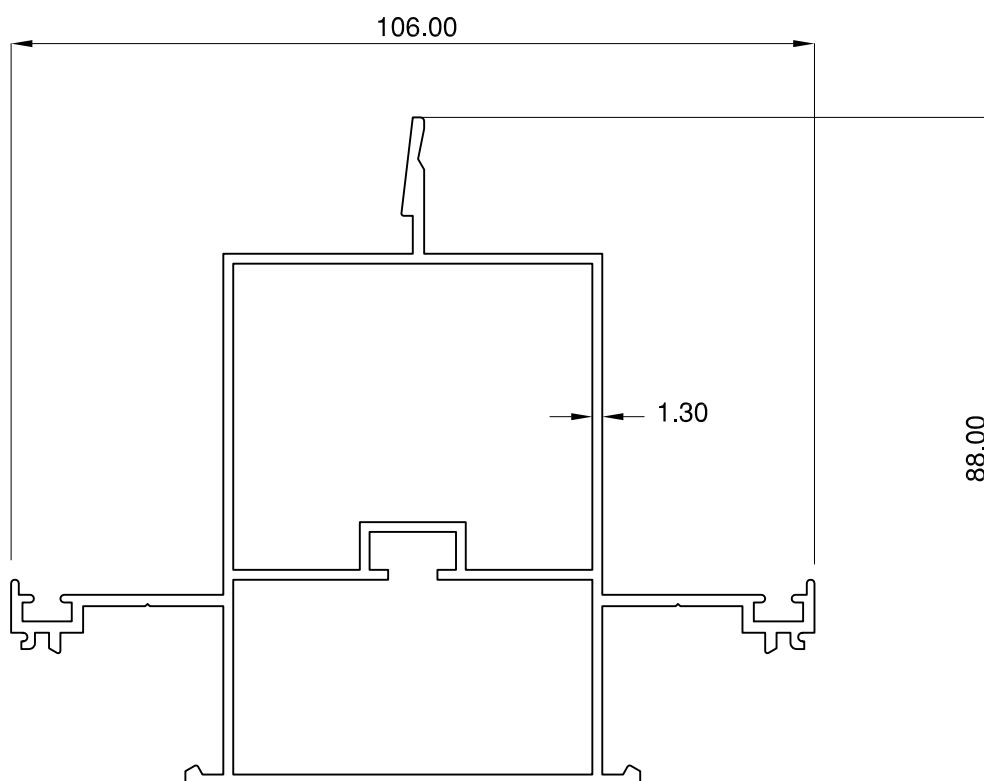
CURTAIN WALL

COMWALL™ U2

REF : CW U2 Page: 9

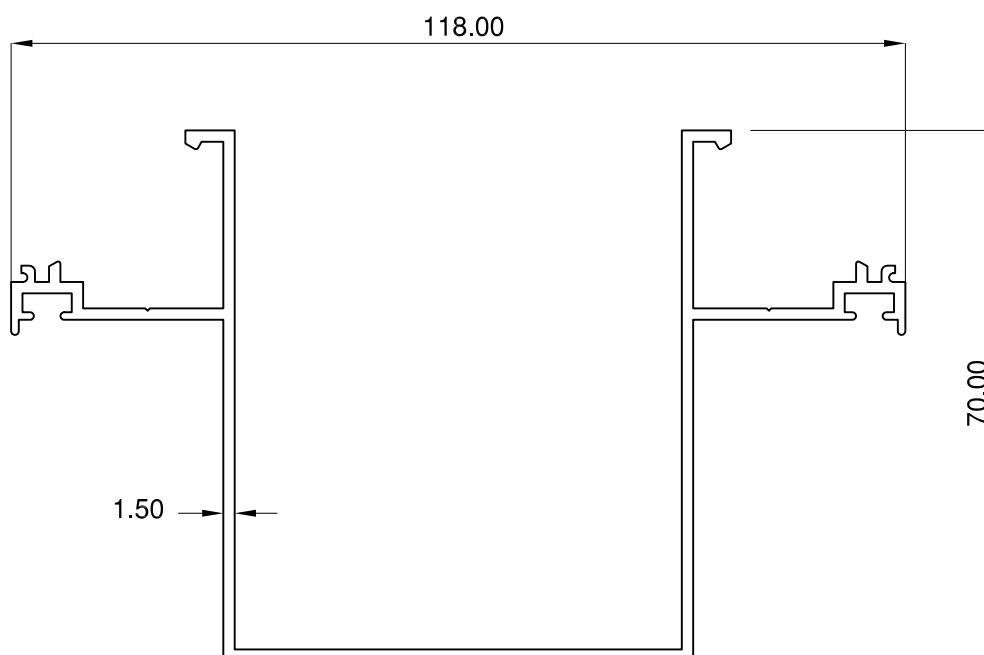
DATE : 1.1.2015

REPLACES :



11704

WT : 1.534 Kg/m
AP : 477.75 mm



11712

WT : 1.197 Kg/m
AP : 600.83 mm



PRESS METAL
ACE High Performance Systems

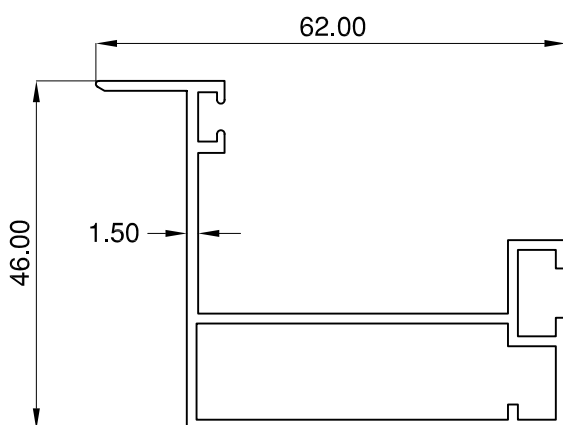
CURTAIN WALL

COMWALL™ U2

REF : CW U2 Page: 10

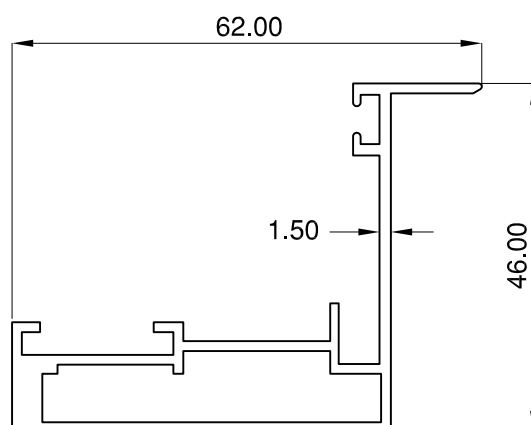
DATE : 1.1.2015

REPLACES :



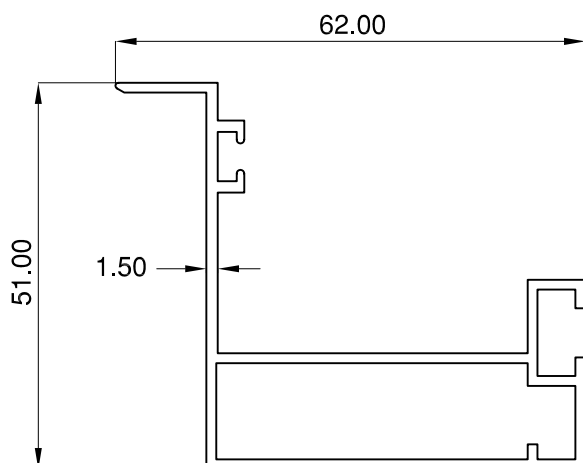
11705

WT : 0.722 Kg/m
AP : 276.24 mm



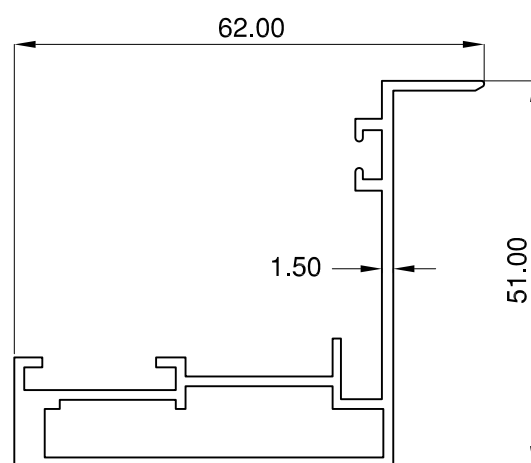
11706

WT : 0.764 Kg/m
AP : 274.04 mm



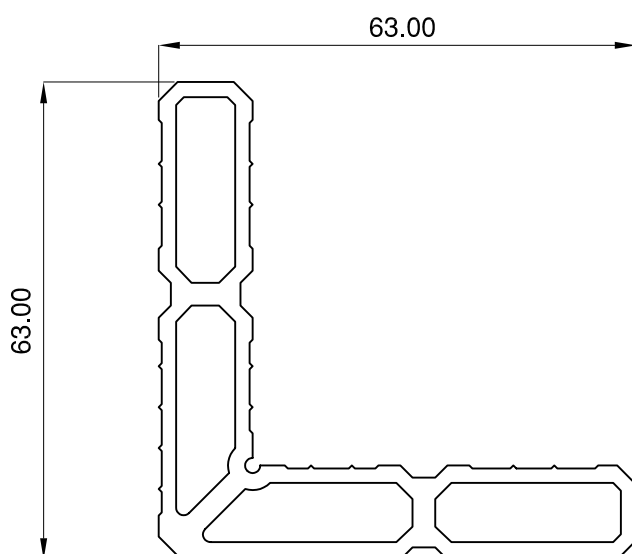
11707

WT : 0.742 Kg/m
AP : 286.24 mm



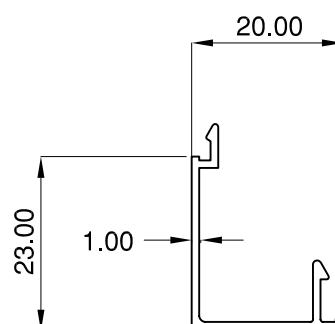
11723

WT : 0.785 Kg/m
AP : 284.04 mm



9273B

WT : 1.522 Kg/m
AP : 261.68 mm



11710A

WT : 0.169 Kg/m
AP : 116.71 mm



PRESS METAL
ACE High Performance Systems

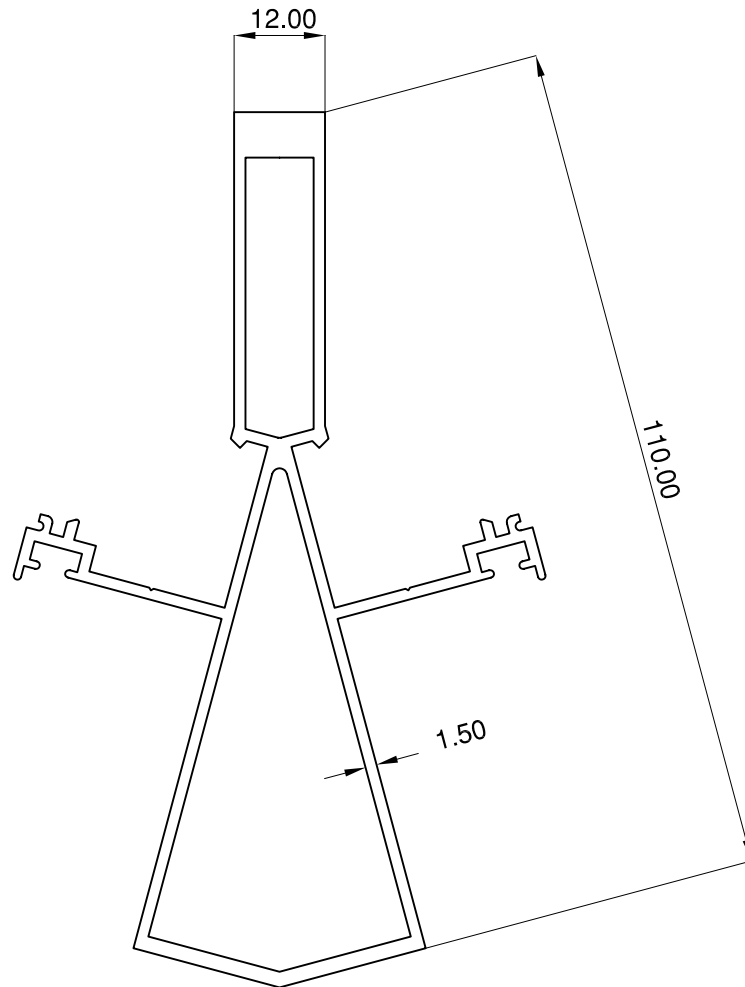
CURTAIN WALL

COMWALL™ U2

REF : CW U2 Page: 11

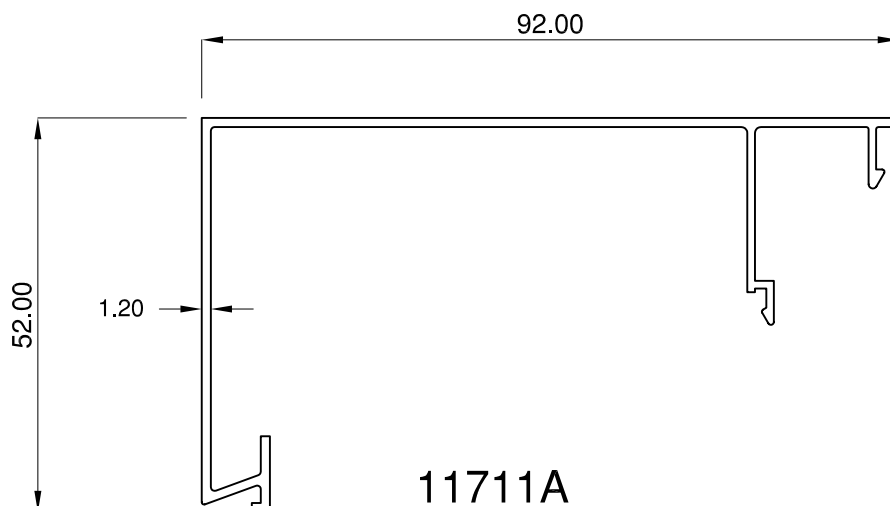
DATE : 1.1.2015

REPLACES :



11703

WT : 1.644 Kg/m
AP : 464.60 mm



11711A

WT : 0.624 Kg/m
AP : 394.42 mm



PRESS METAL
ACE High Performance Systems

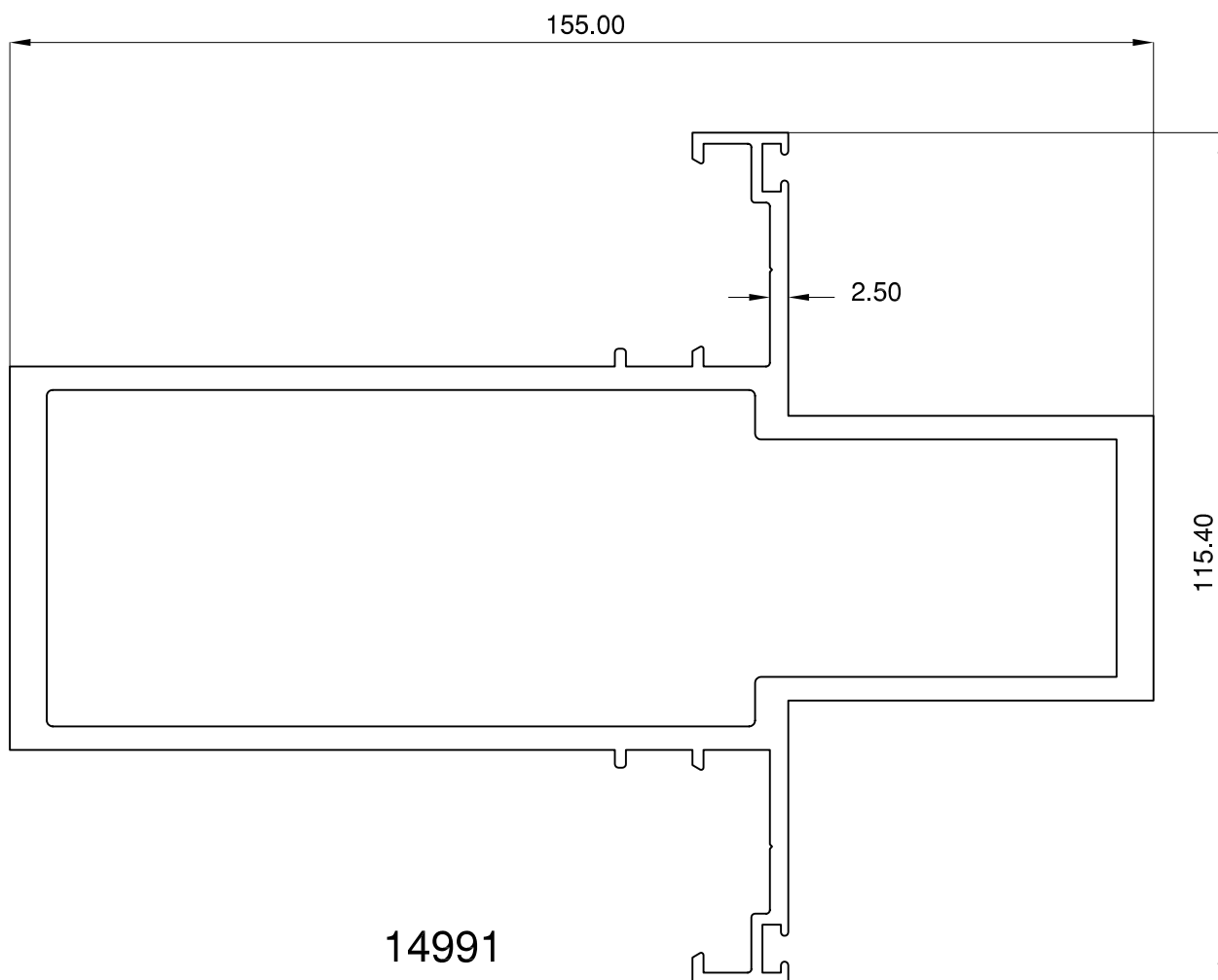
CURTAIN WALL

COMWALL™ U2

REF : CW U2 Page: 12

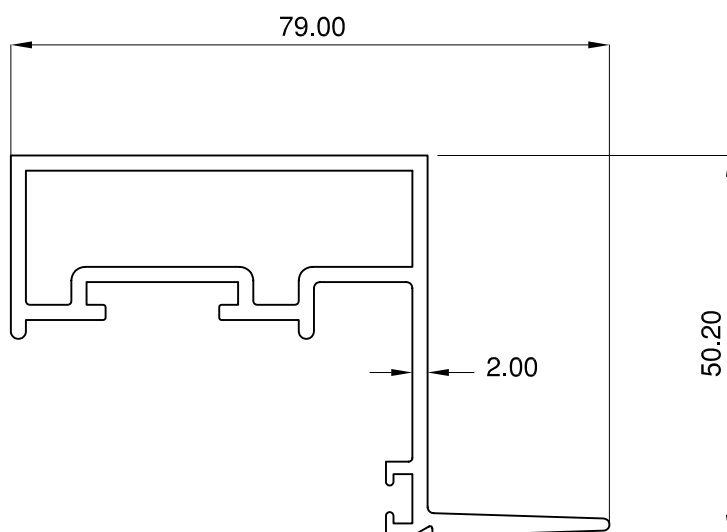
DATE : 1.1.2015

REPLACES :



14991

WT : 4.480 Kg/m
AP : 634.00 mm



14993

WT : 1.254 Kg/m
AP : 313.38 mm



PRESS METAL
ACE High Performance Systems

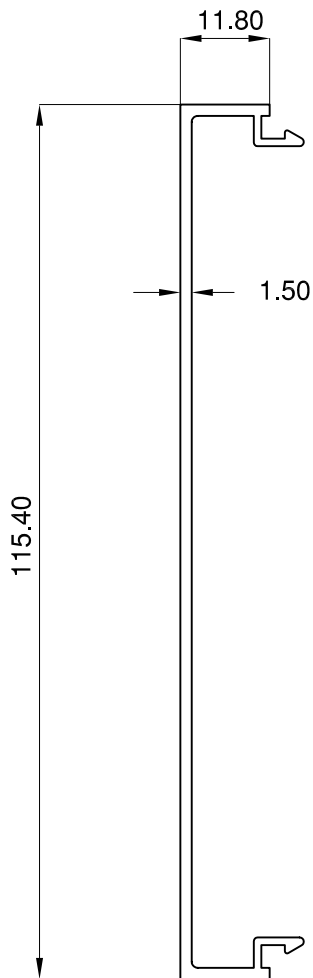
CURTAIN WALL

COMWALL™ U2

REF : CW U2 Page: 13

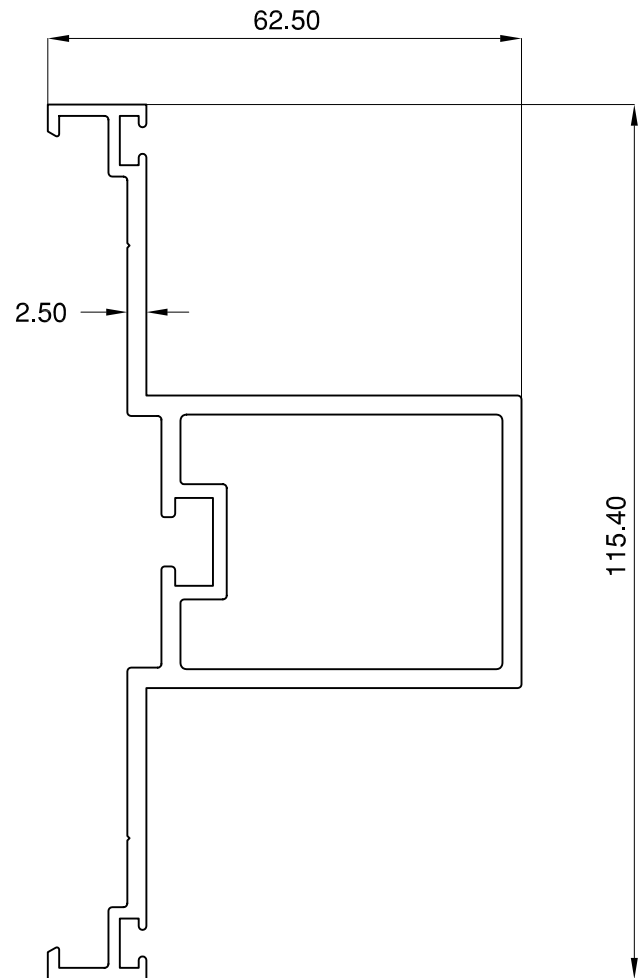
DATE : 1.1.2015

REPLACES :



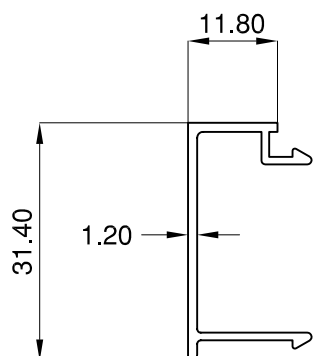
14996

WT : 0.613 Kg/m
AP : 314.03 mm



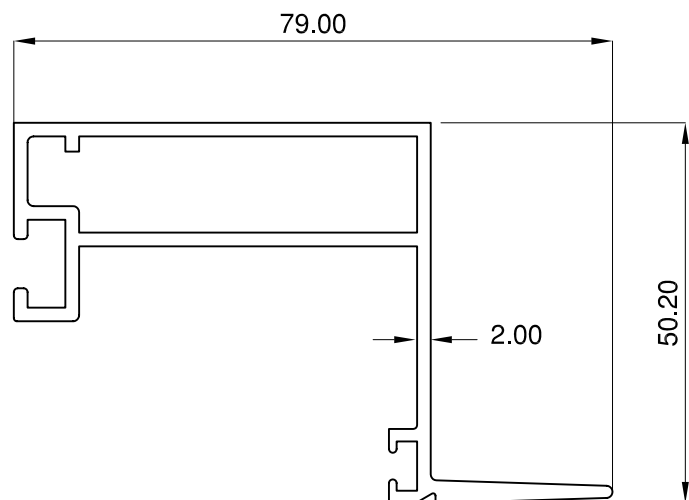
14992

WT : 1.853 Kg/m
AP : 440.62 mm



14995

WT : 0.212 Kg/m
AP : 136.69 mm



14994

WT : 1.126 Kg/m
AP : 319.32 mm



PRESS METAL
ACE High Performance Systems

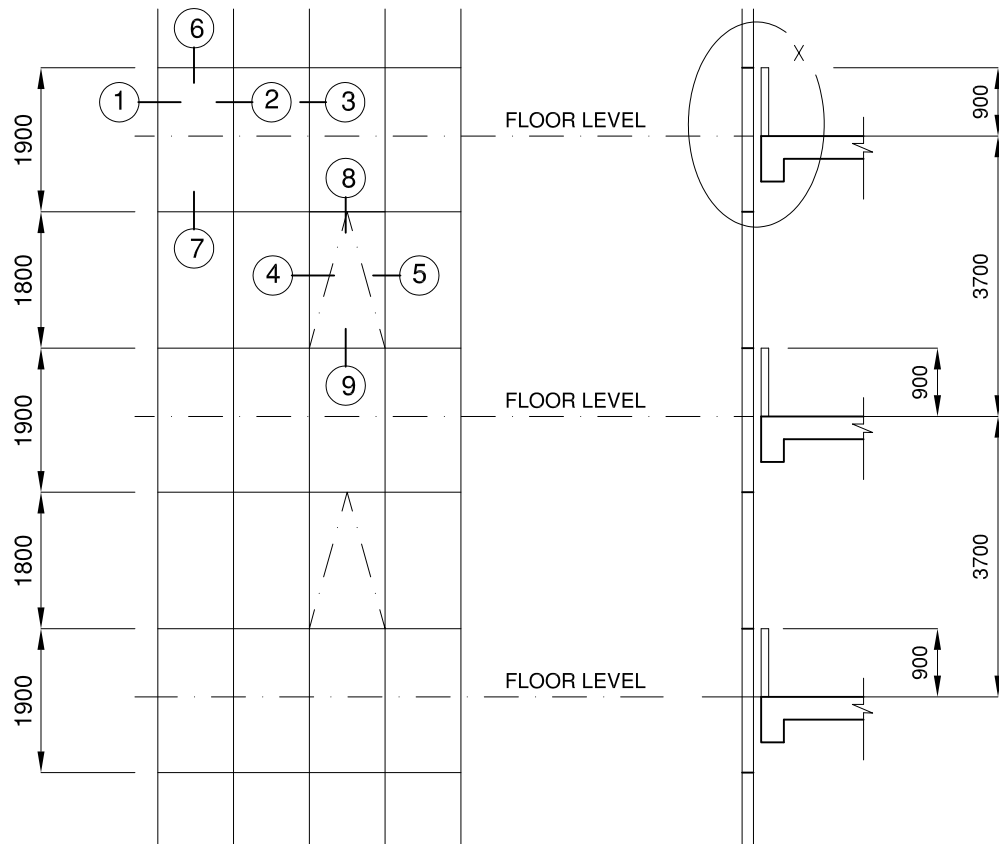
CURTAIN WALL

COMWALL™ U3

REF : CW U3 Page: 1

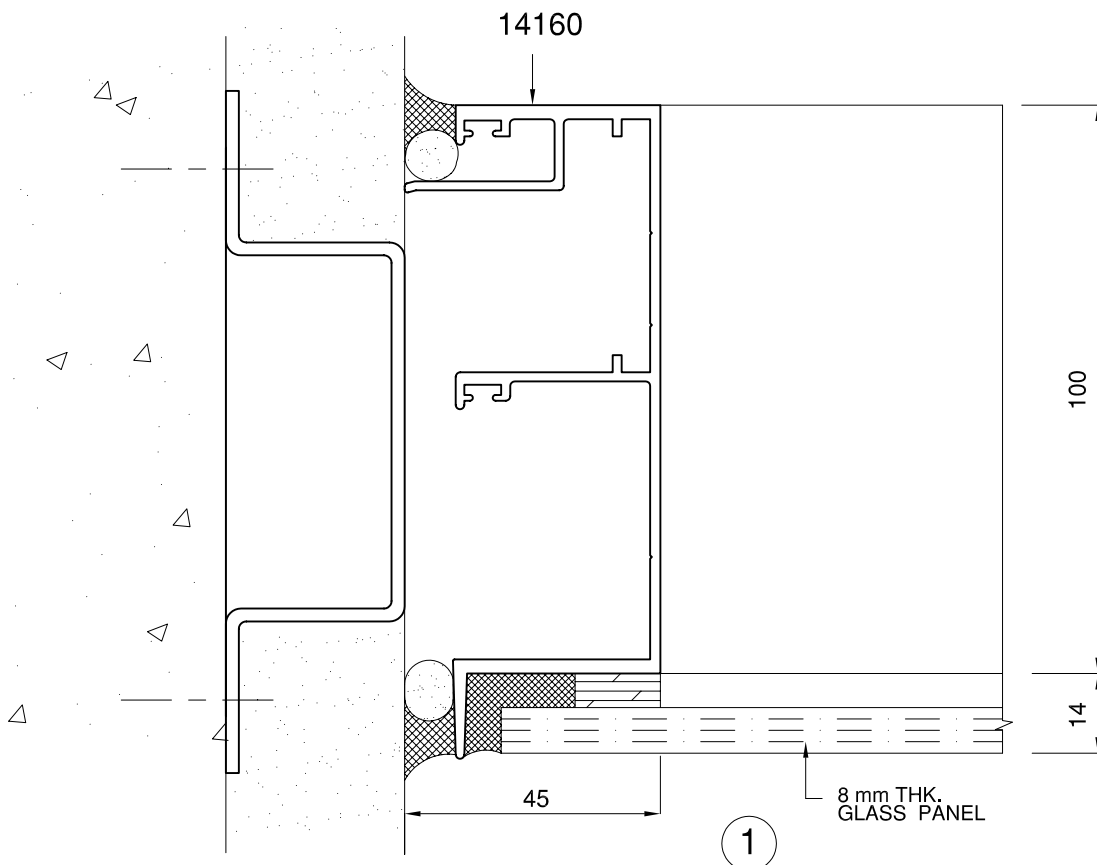
DATE : 1.1.2015

REPLACES :



ELEVATION

SCALE : N.T.S





PRESS METAL
ACE High Performance Systems

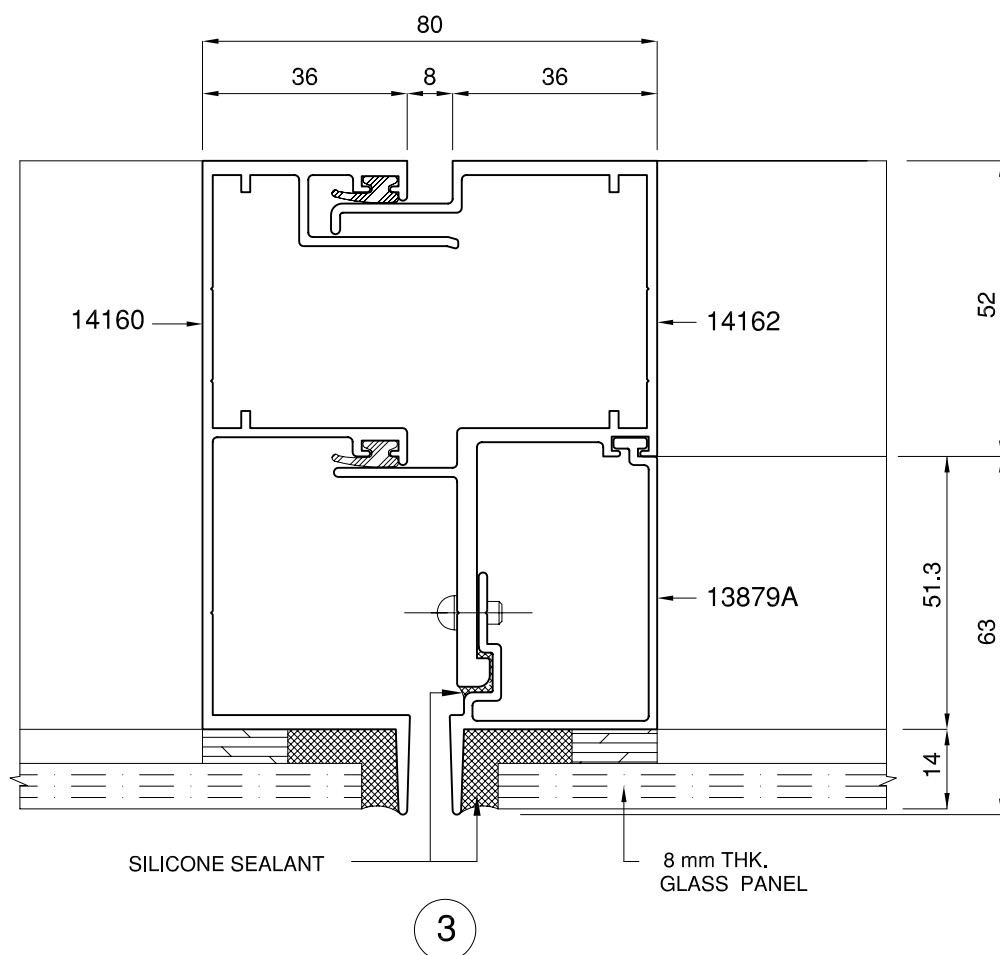
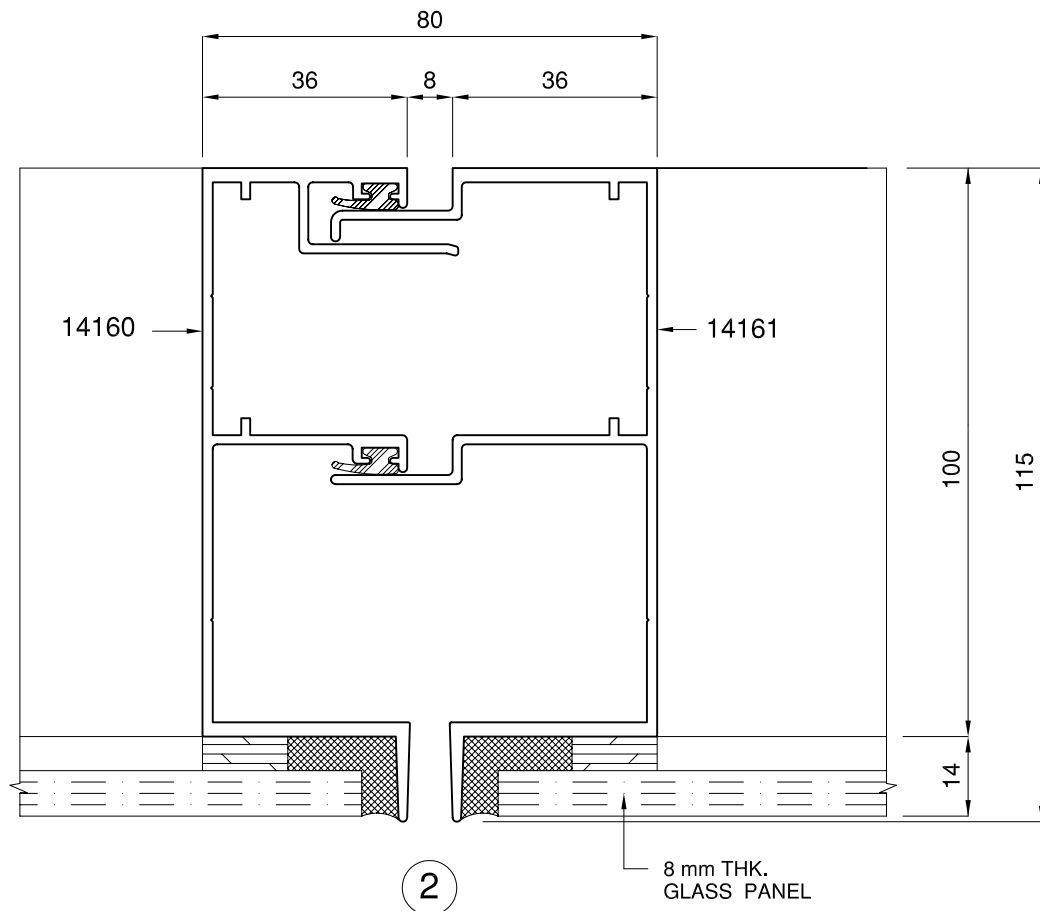
CURTAIN WALL

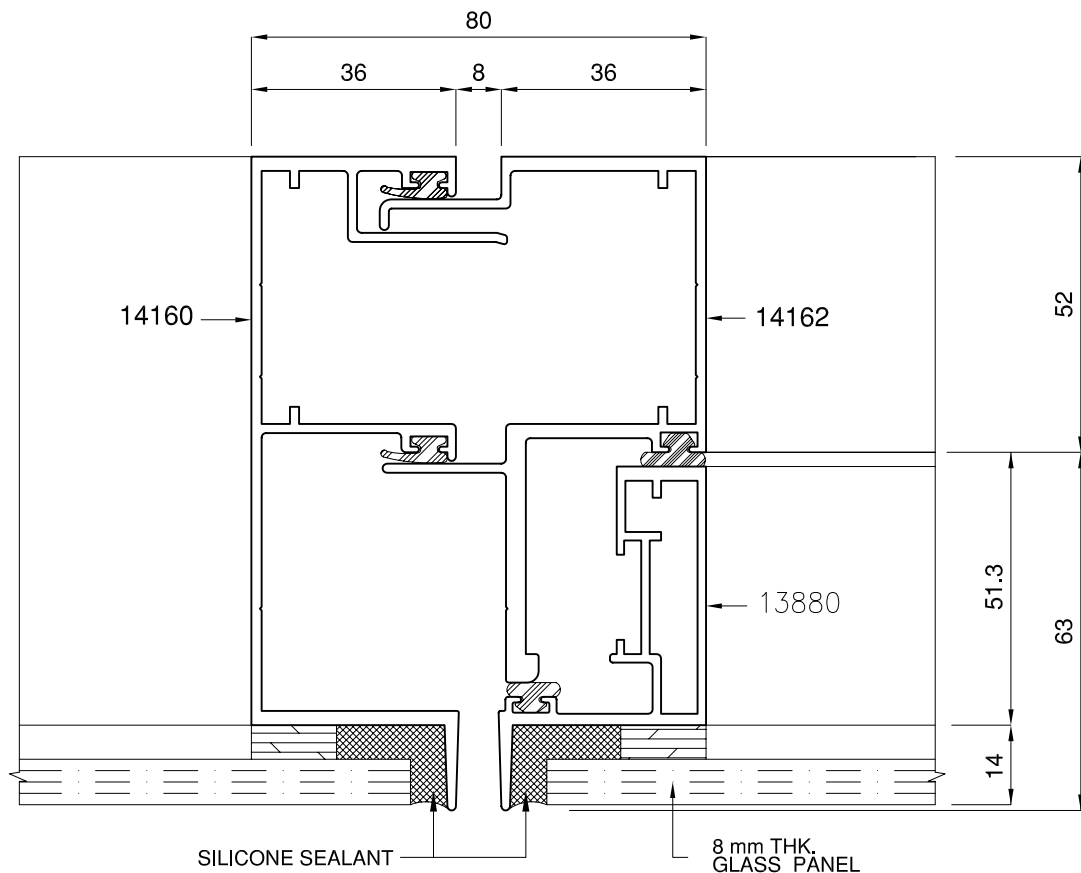
COMWALL™ U3

REF : CW U3 Page: 2

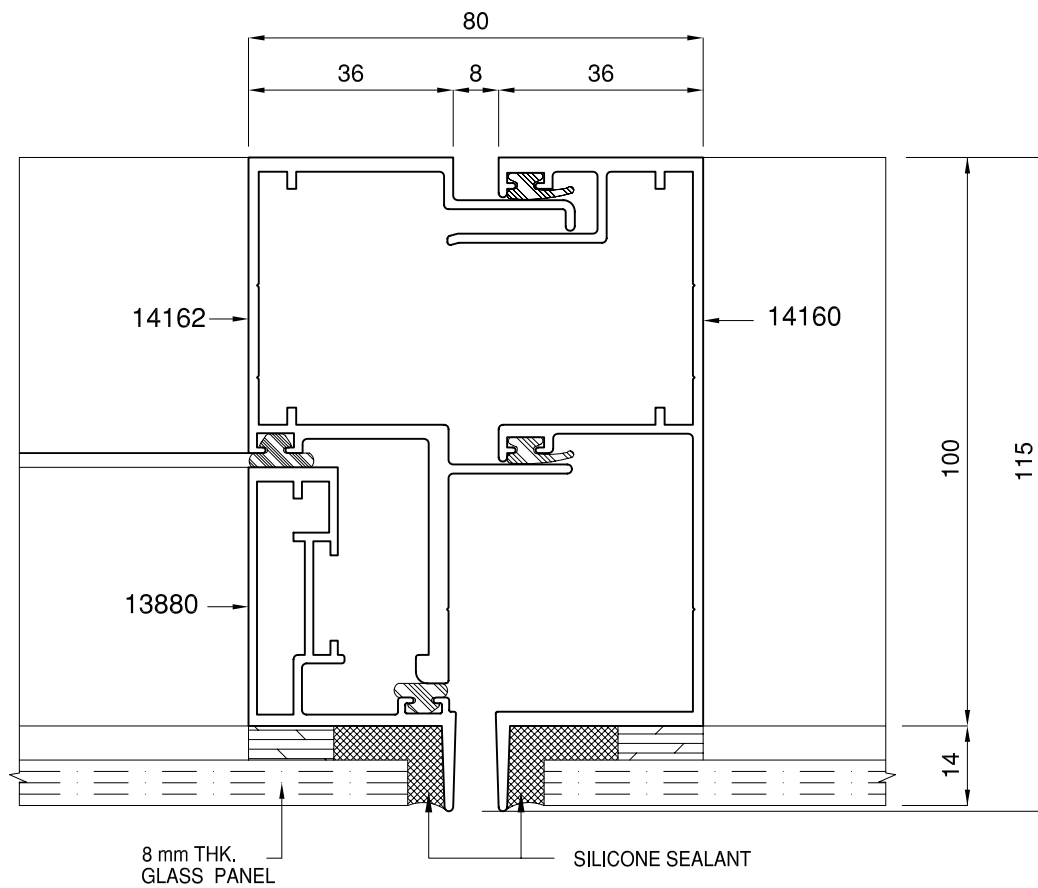
DATE : 1.1.2015

REPLACES :





4



5



PRESS METAL
ACE High Performance Systems

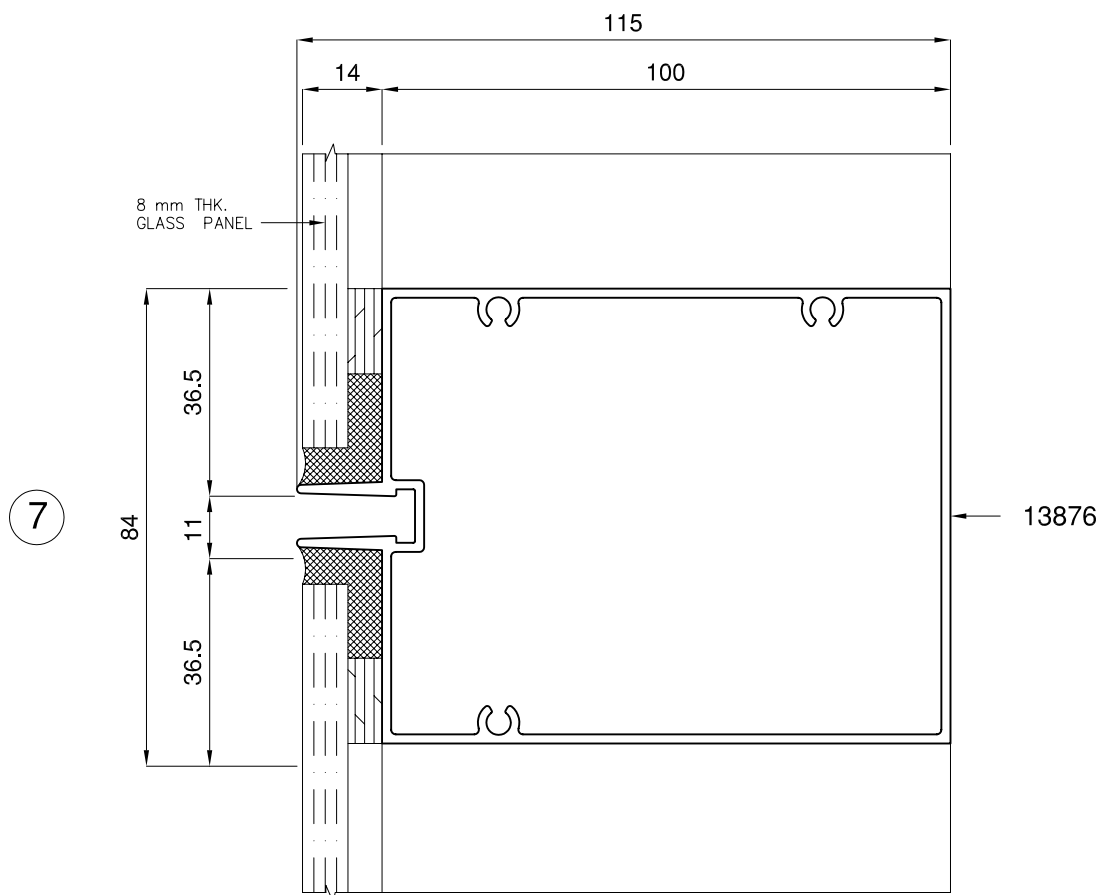
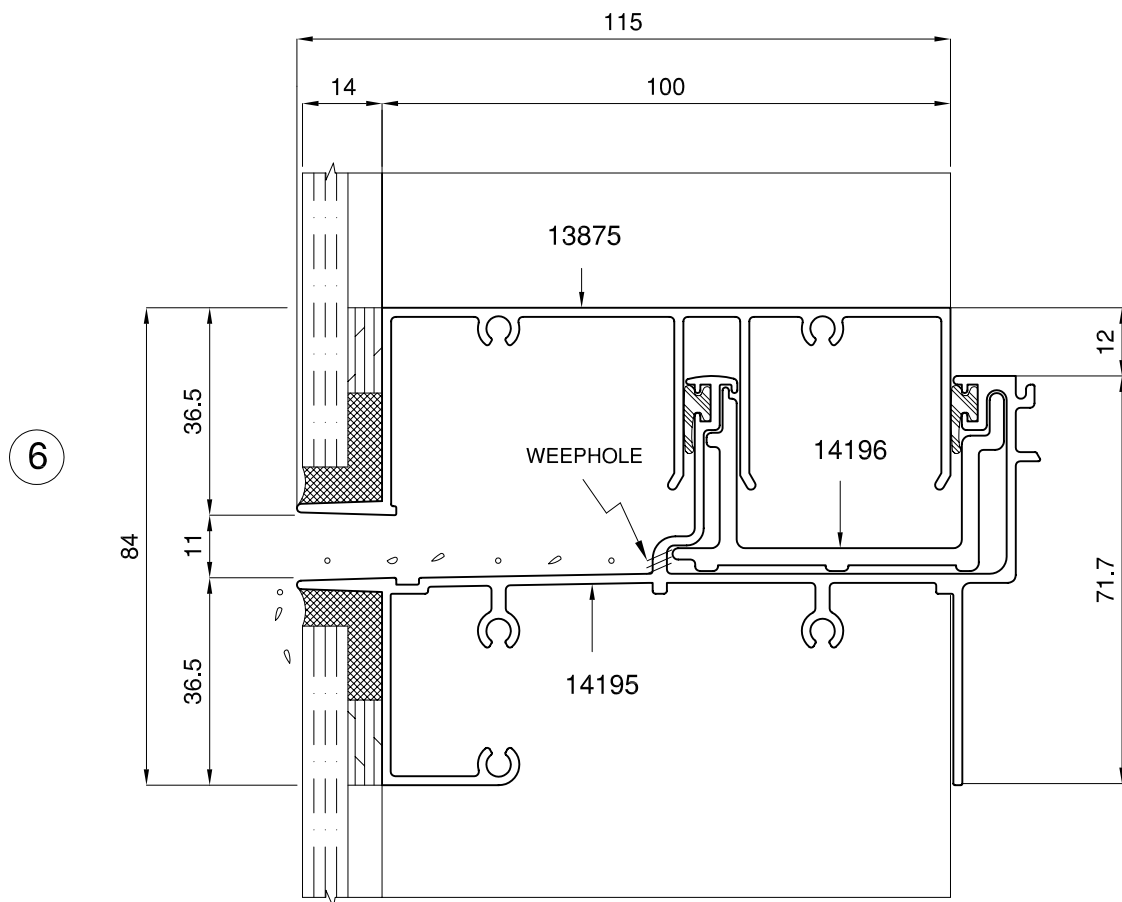
CURTAIN WALL

COMWALL™ U3

REF : CW U3 Page: 4

DATE : 1.1.2015

REPLACES :





PRESS METAL
ACE High Performance Systems

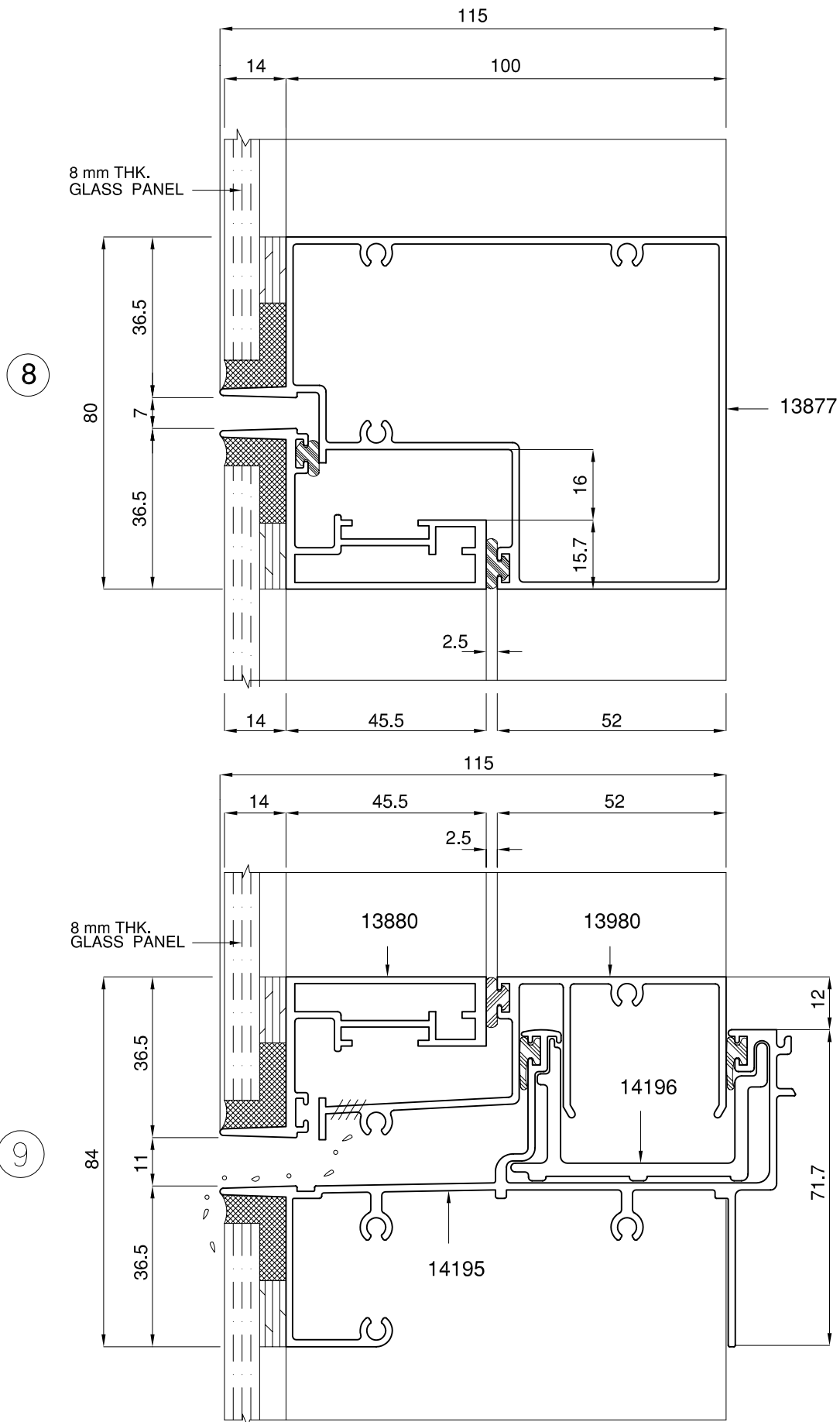
CURTAIN WALL

COMWALL™ U3

REF : CW U3 Page: 5

DATE : 1.1.2015

REPLACES :





PRESS METAL
ACE High Performance Systems

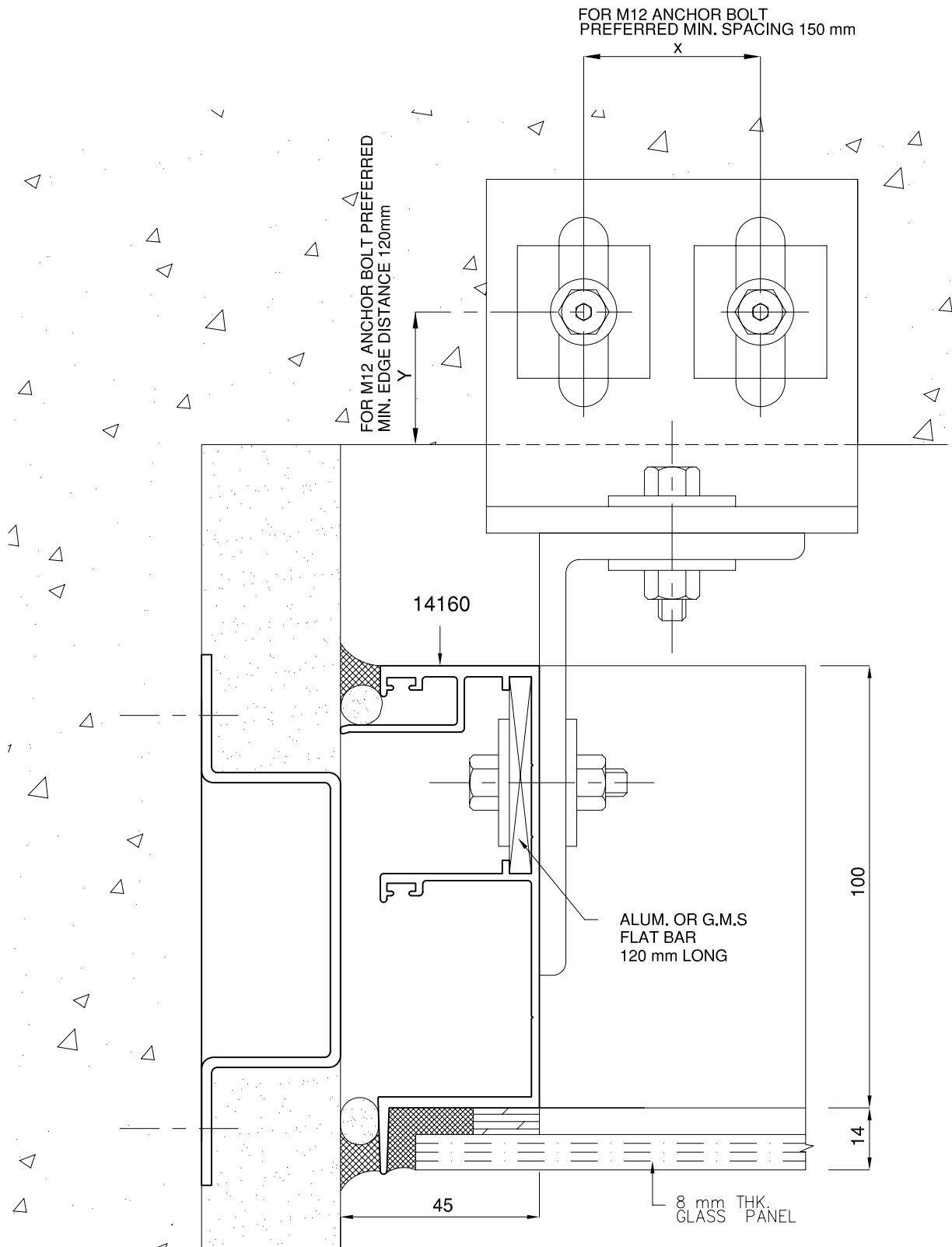
CURTAIN WALL

COMWALL™ U3

REF : CW U3 Page: 6

DATE : 1.1.2015

REPLACES :



DETAIL 1



PRESS METAL
ACE High Performance Systems

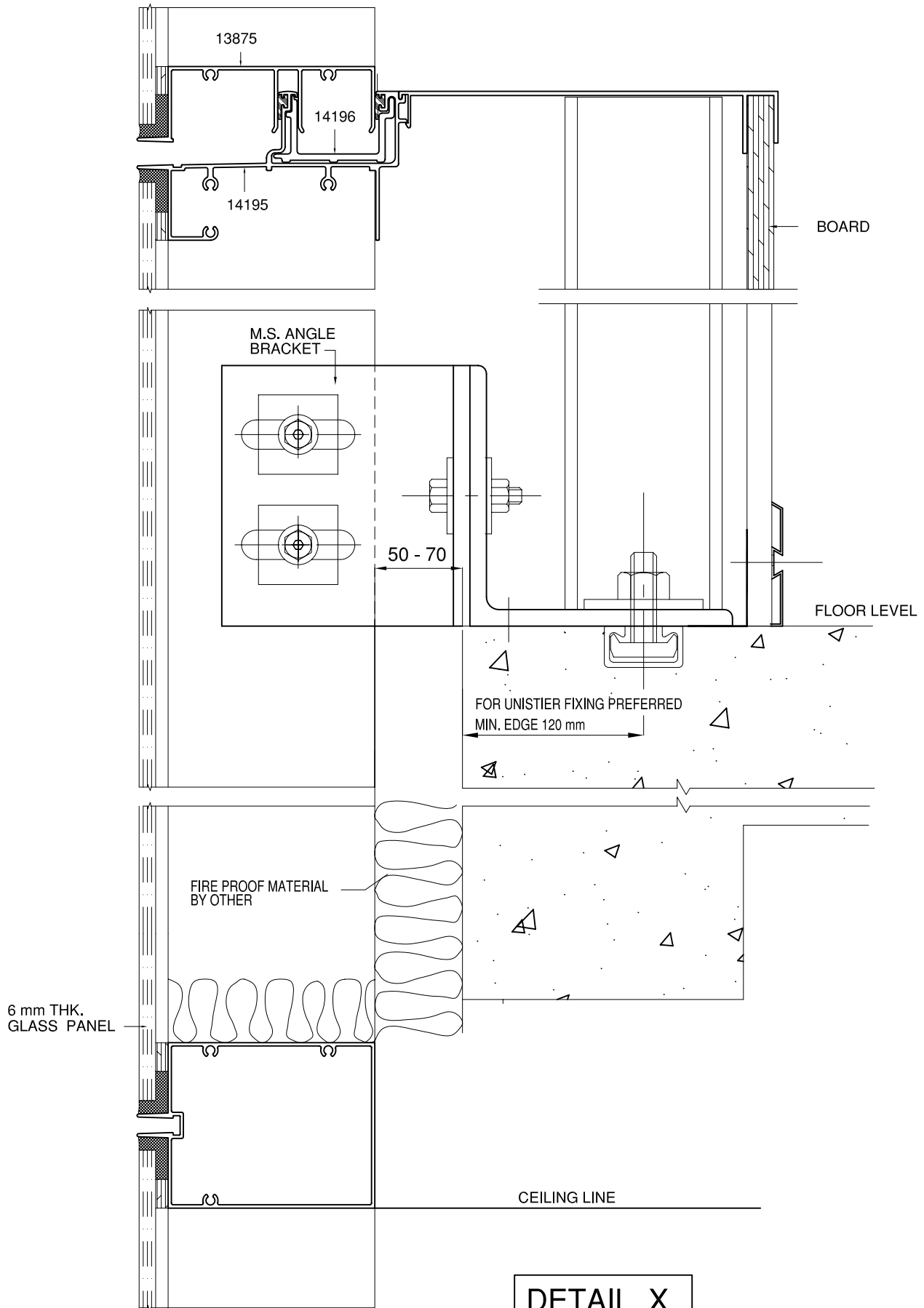
CURTAIN WALL

COMWALL™ U3

REF : CW U3 Page: 7

DATE : 1.1.2015

REPLACES :





PRESS METAL
ACE High Performance Systems

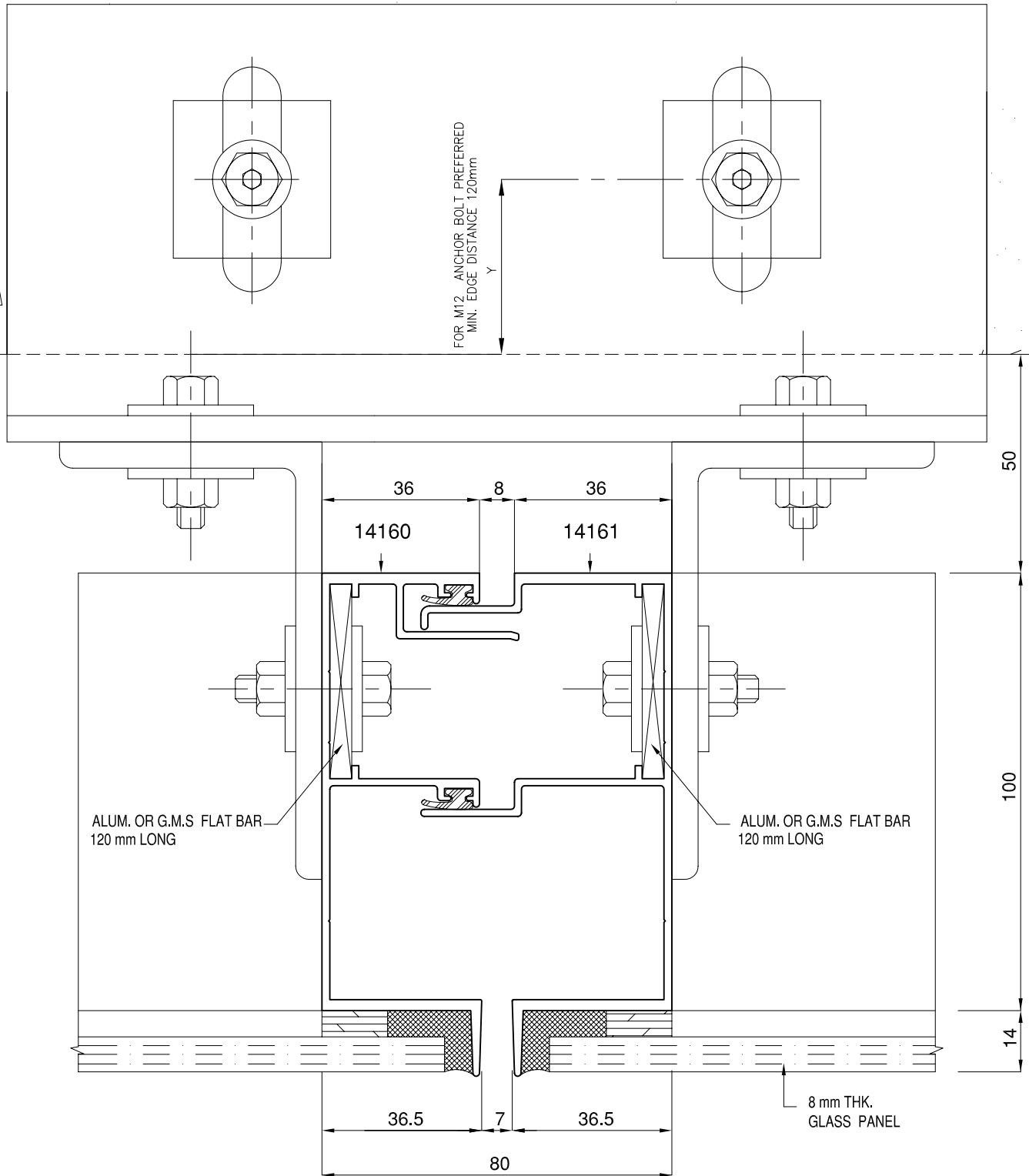
CURTAIN WALL

COMWALL™ U3

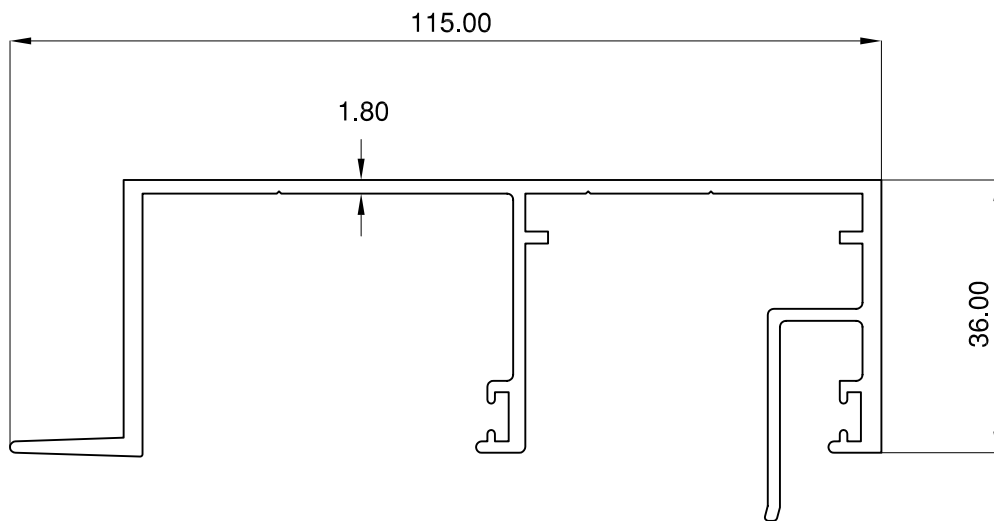
REF : CW U3 Page: 8

DATE : 1.1.2015

REPLACES :



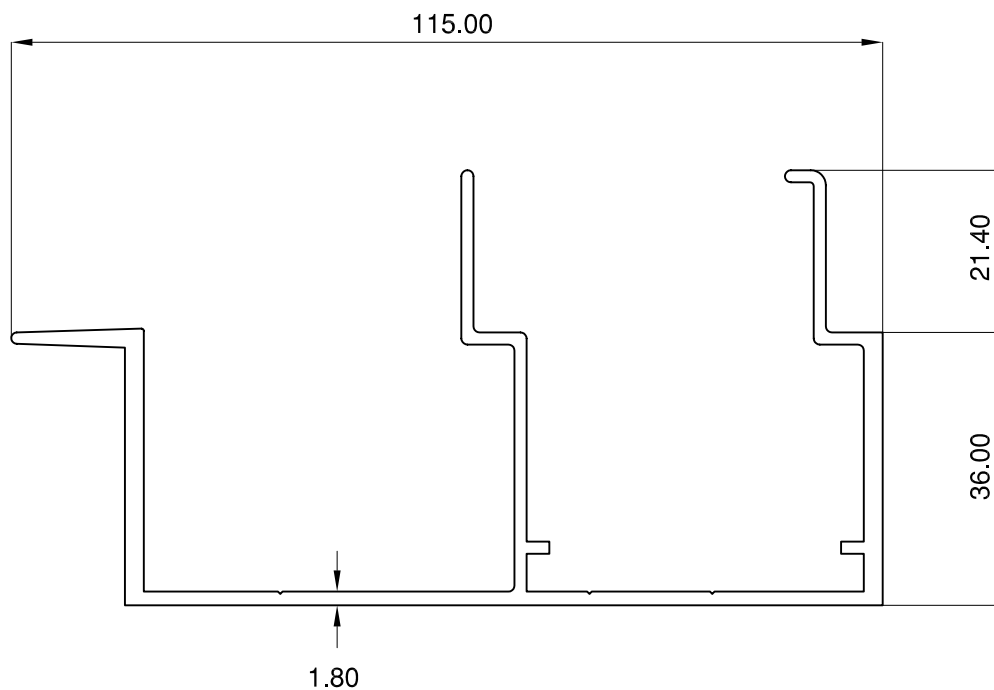
DETAIL 2



14160

WT : 1.463 Kg/m

AP : 564.18 mm



14161

WT : 1.459 Kg/m

AP : 566.00 mm



PRESS METAL
ACE High Performance Systems

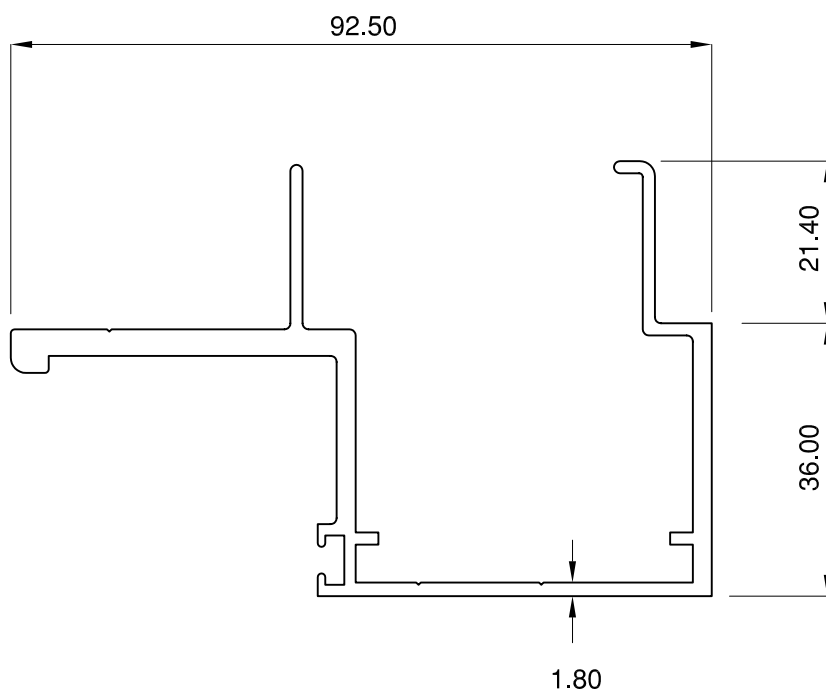
CURTAIN WALL

COMWALL™ U3

REF : CW U3 Page: 10

DATE : 1.1.2015

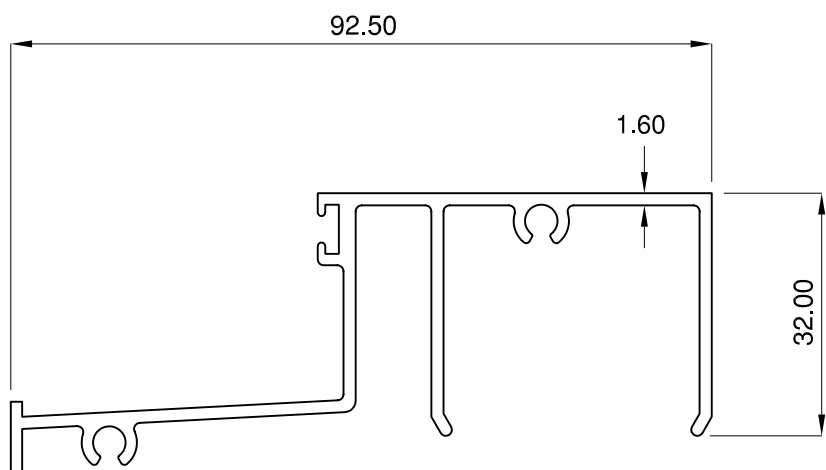
REPLACES :



14162

WT : 1.395 Kg/m

AP : 458.71 mm



13980

WT : 0.954 Kg/m

AP : 430.92 mm



PRESS METAL
ACE High Performance Systems

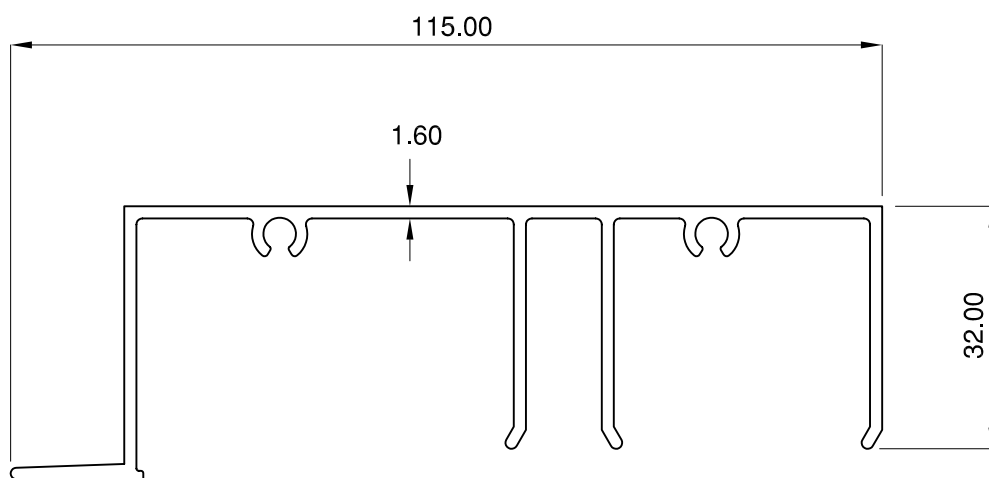
CURTAIN WALL

COMWALL™ U3

REF : CW U3 Page: 11

DATE : 1.1.2015

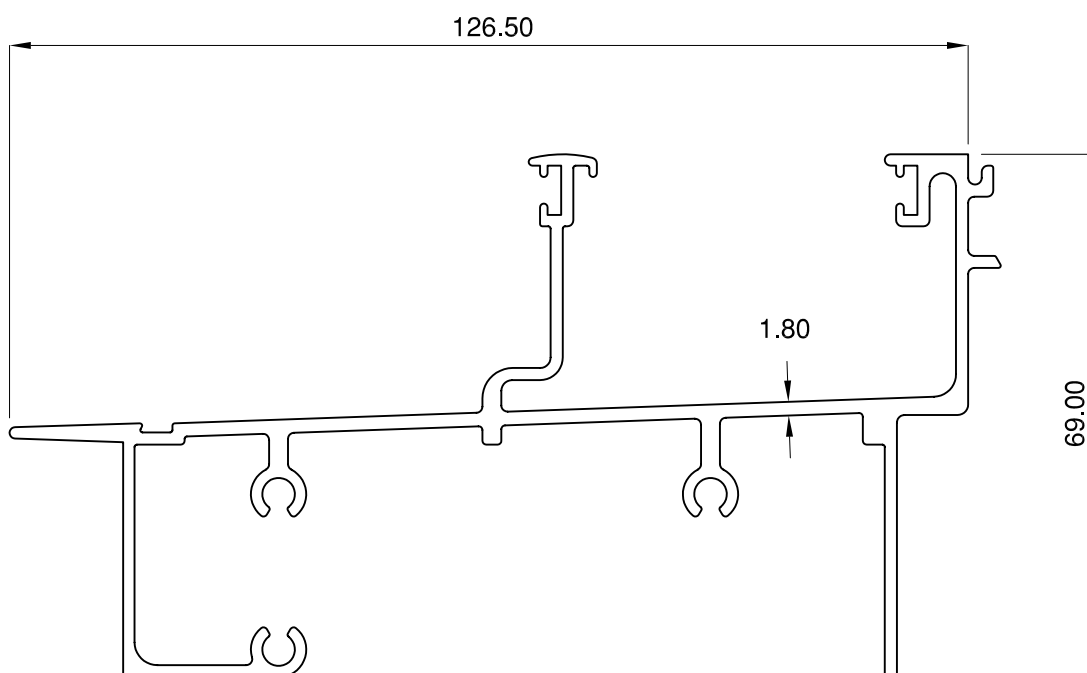
REPLACES :



13875

WT : 1.151 Kg/m

AP : 518.19 mm



14195

WT : 1.827 Kg/m

AP : 753.74mm



PRESS METAL
ACE High Performance Systems

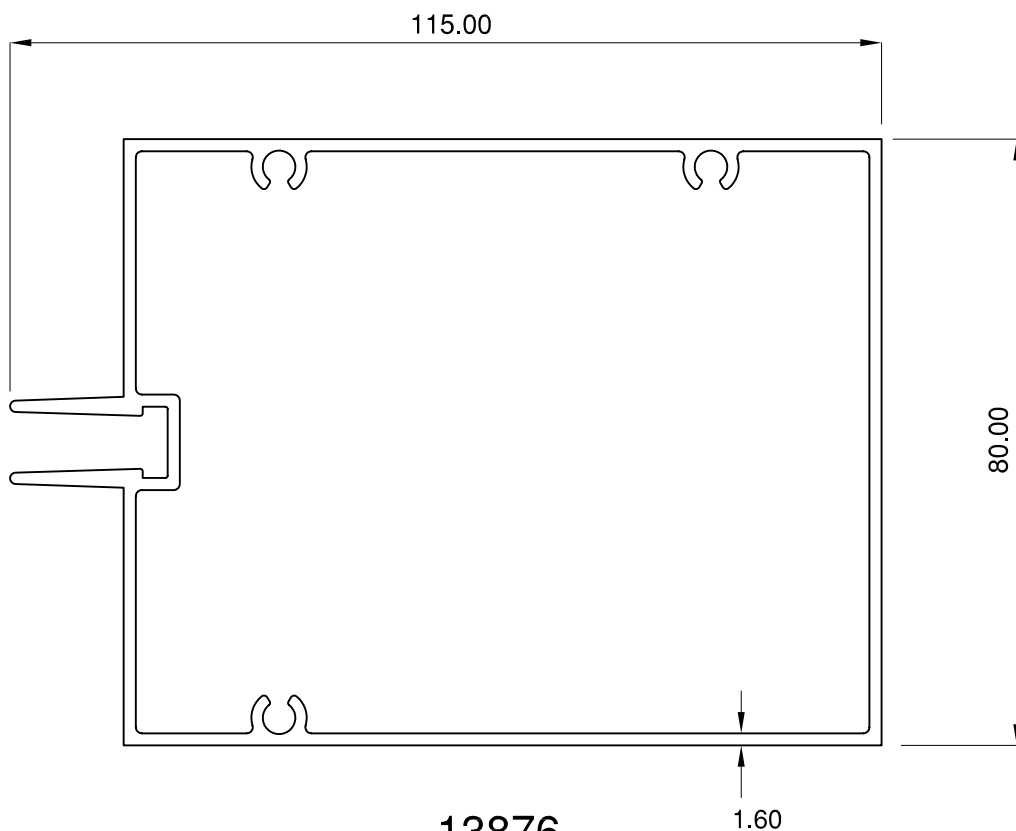
CURTAIN WALL

COMWALL™ U3

REF : CW U3 Page: 12

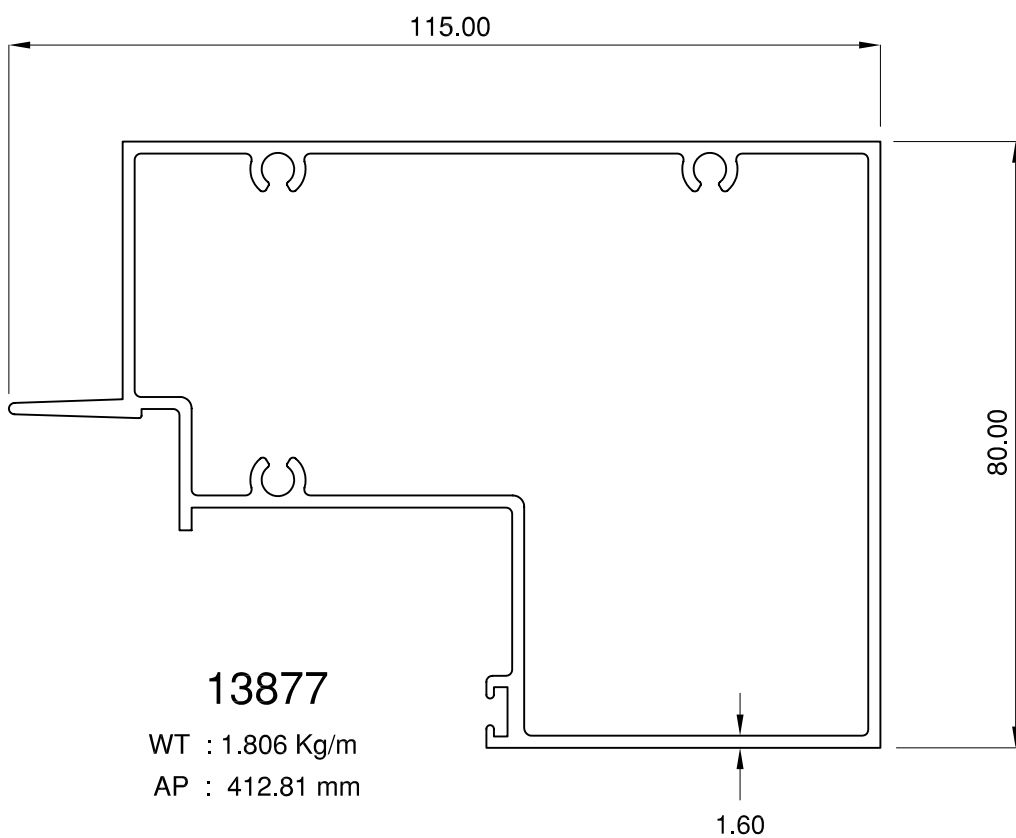
DATE : 1.1.2015

REPLACES :



WT : 1.884 Kg/m

AP : 432.63 mm



WT : 1.806 Kg/m

AP : 412.81 mm



PRESS METAL
ACE High Performance Systems

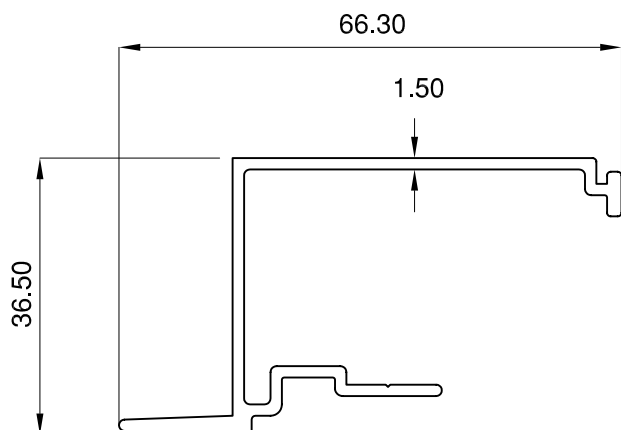
CURTAIN WALL

COMWALL™ U3

REF : CW U3 Page: 13

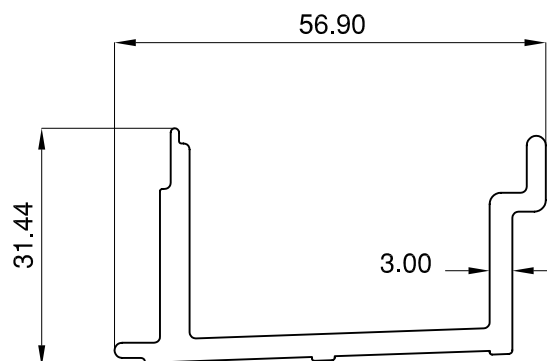
DATE : 1.1.2015

REPLACES :



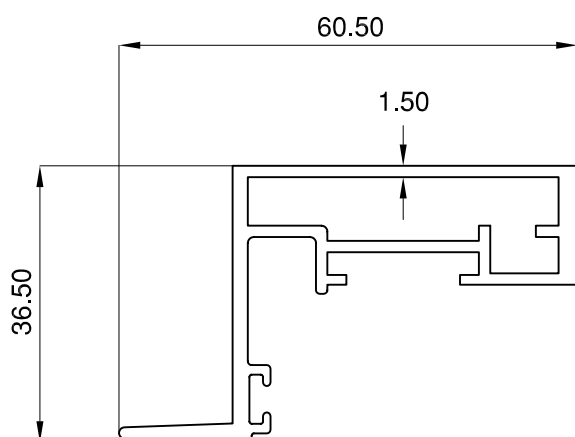
13879A

WT : 0.604 Kg/m
AP : 281.10 mm



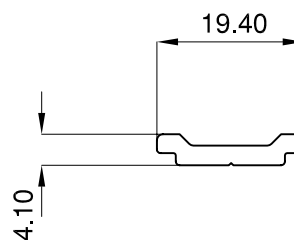
14196

WT : 0.900 Kg/m
AP : 221.26 mm



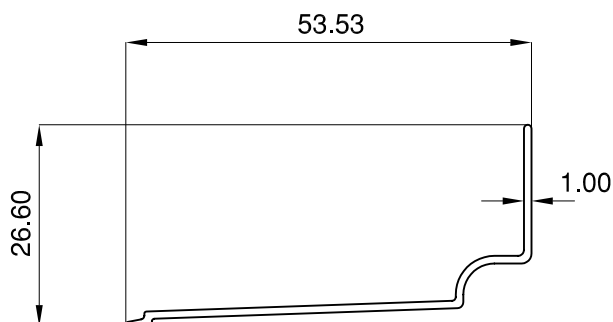
13880

WT : 0.832 Kg/m
AP : 240.18 mm



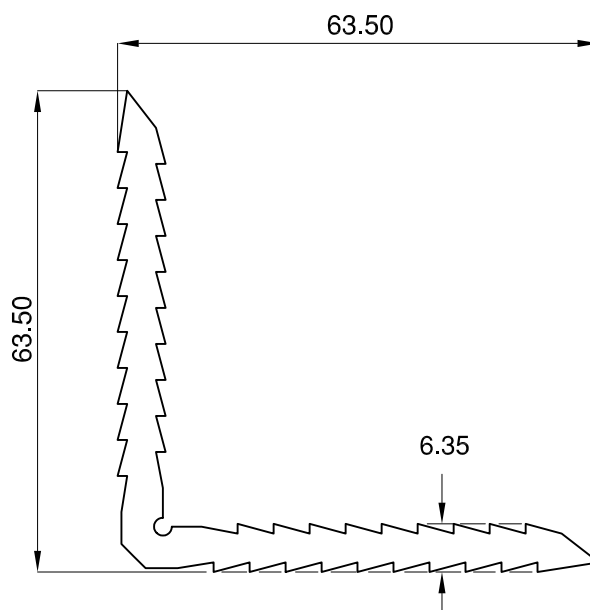
13881

WT : 0.144 Kg/m
AP : 46.62 mm



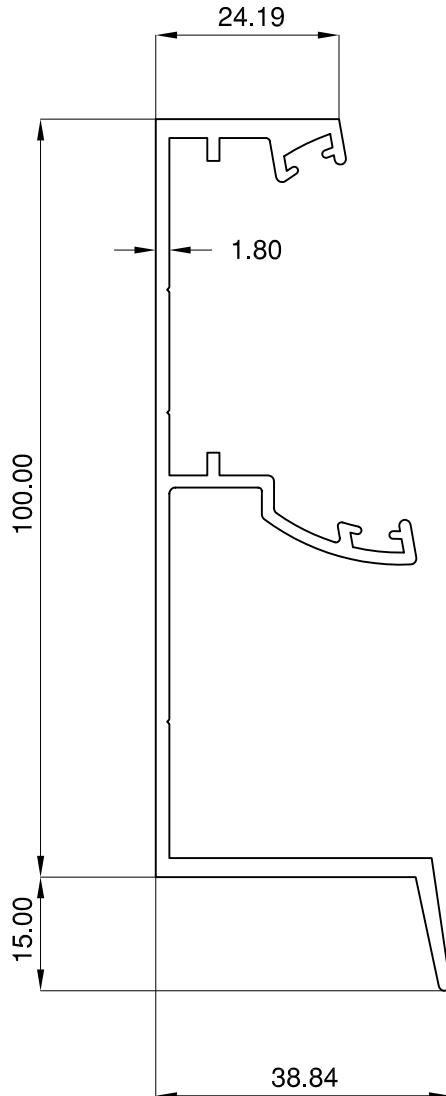
14197

WT : 0.202 Kg/m
AP : 150.44 mm



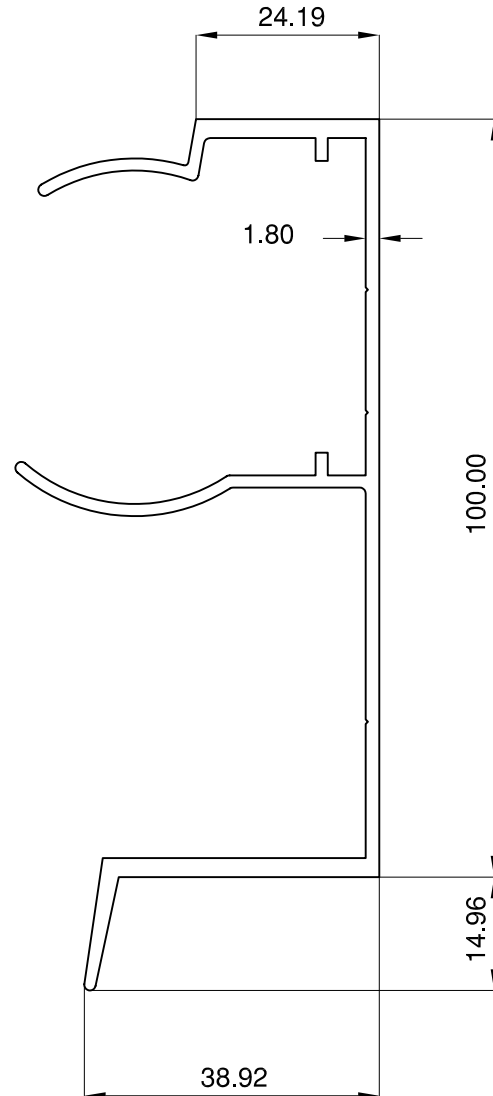
1374A

WT : 1.574 Kg/m
AP : 300.15 mm



14945

WT : 1.244 Kg/m
AP : 474.32 mm



14946

WT : 1.303 Kg/m
AP : 506.01 mm



PRESS METAL
ACE High Performance Systems

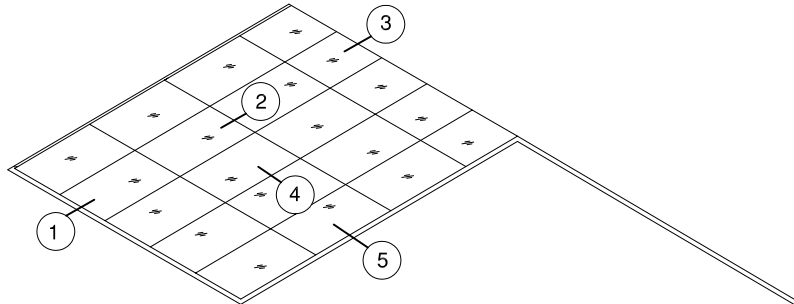
SKYLITE

COMLITE™

REF : SL COMLITE Page: 1

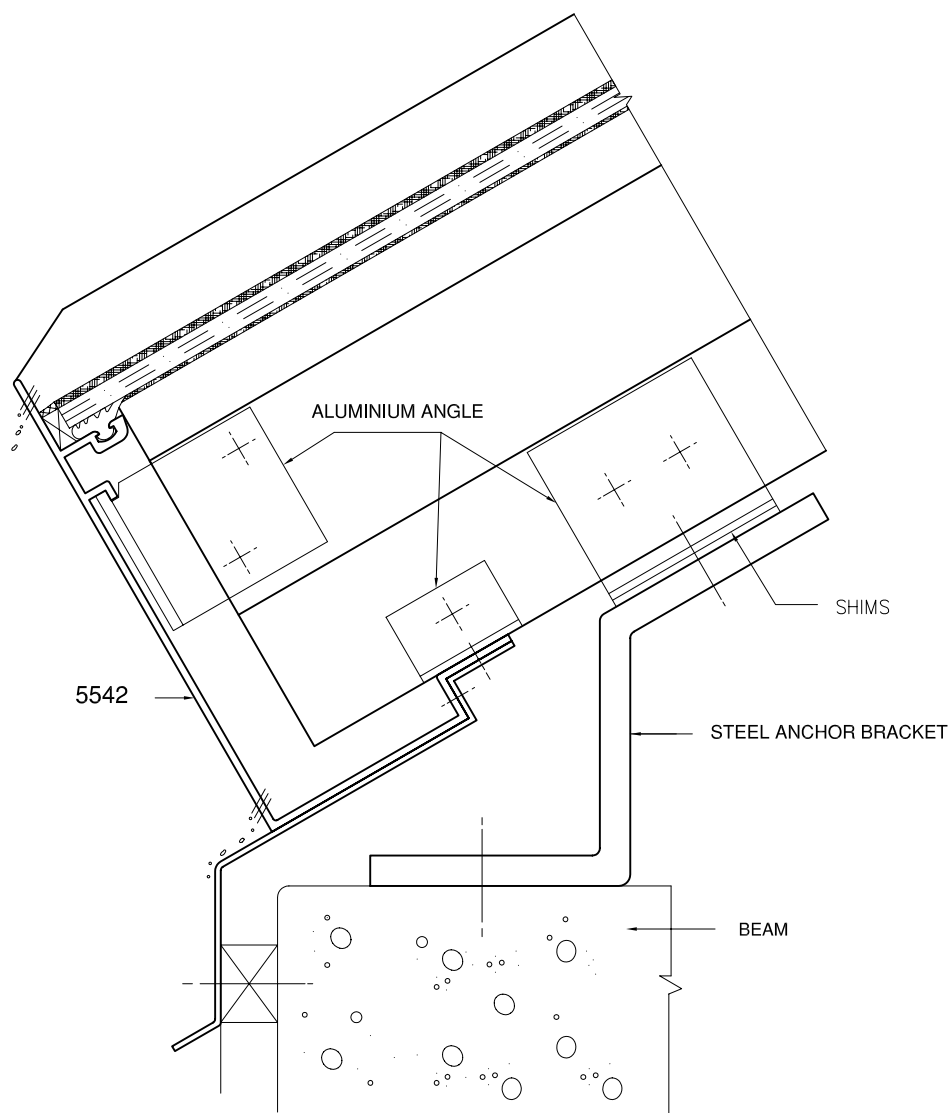
DATE : 1.1.2015

REPLACES :



ELEVATION

SCALE: NTS





PRESS METAL
ACE High Performance Systems

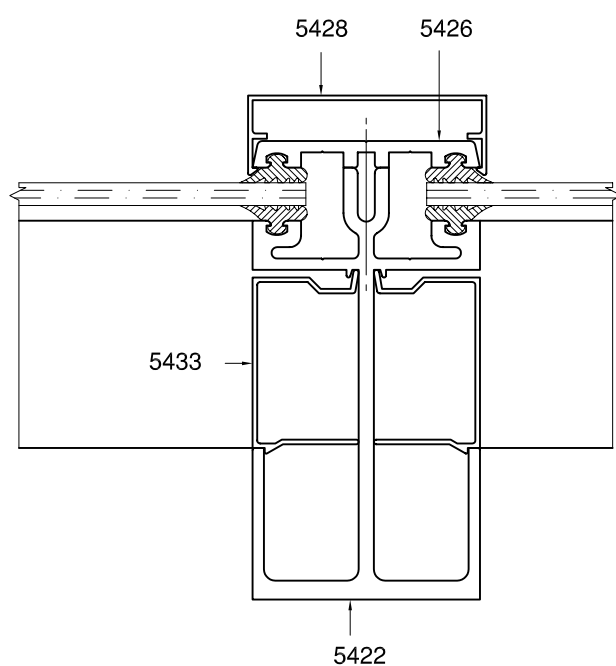
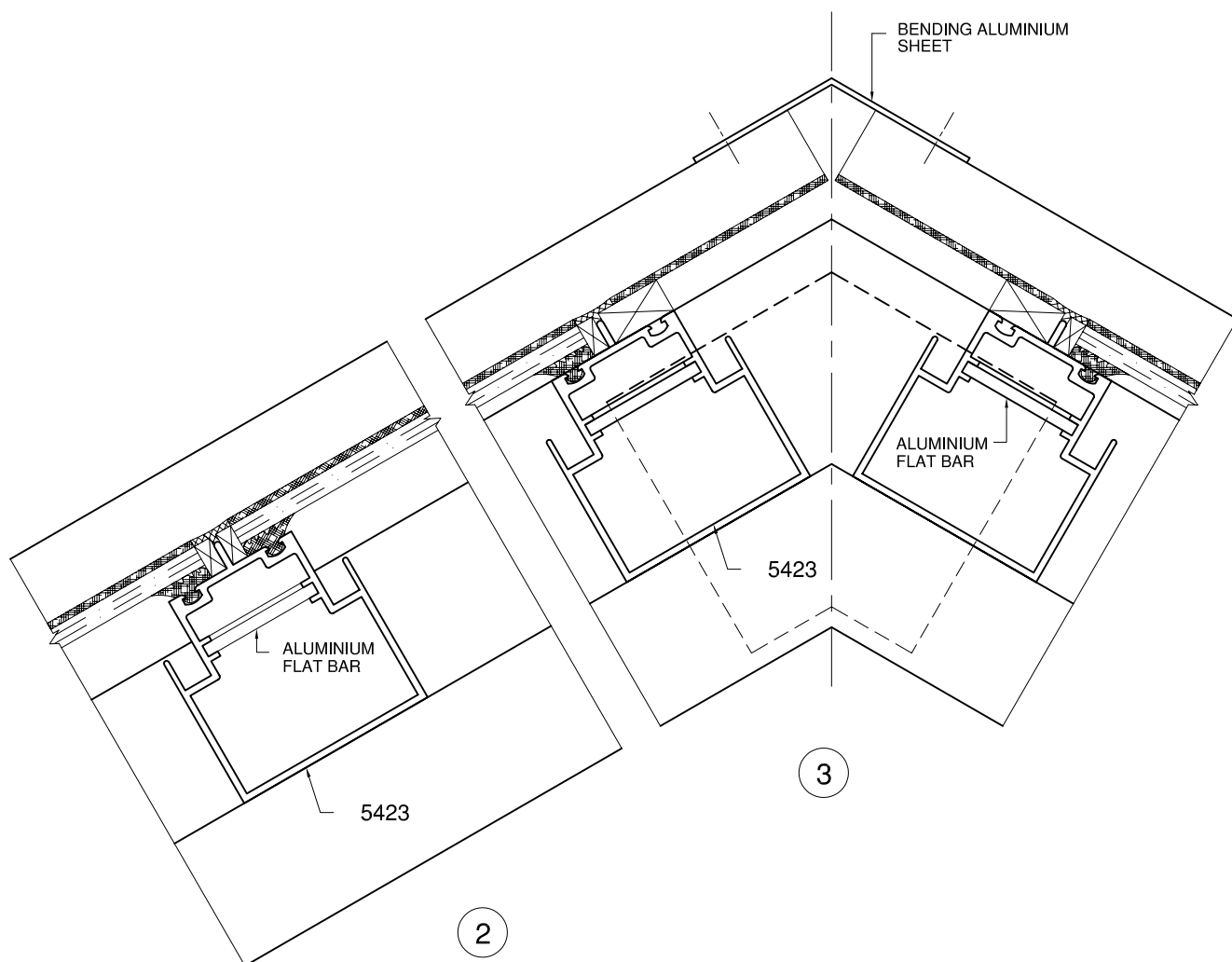
SKYLITE

COMLITE™

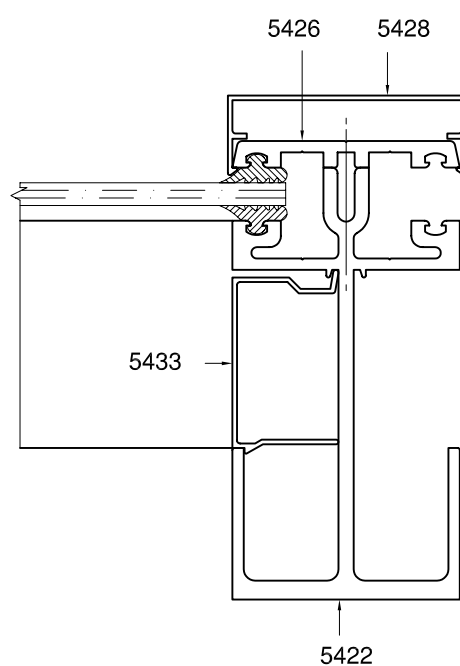
REF : SL COMLITE Page: 2

DATE : 1.1.2015

REPLACES :



4



5



PRESS METAL
ACE High Performance Systems

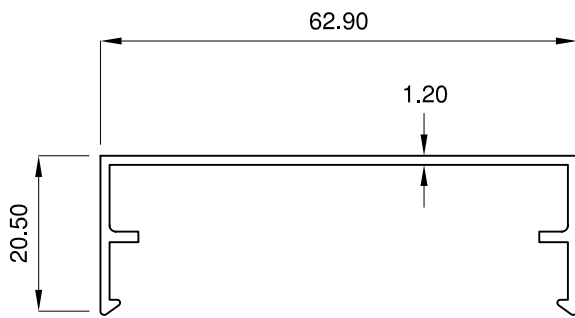
SKYLITE

COMLITE™

REF : SL COMLITE Page: 3

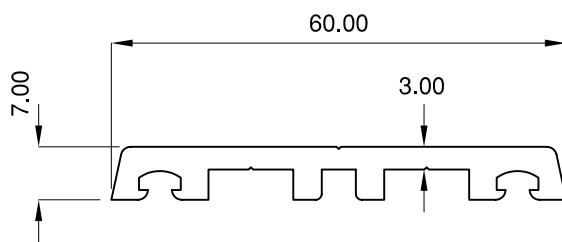
DATE : 1.1.2015

REPLACES :



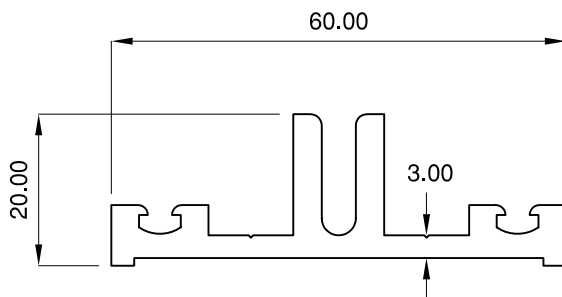
5428

WT : 0.369 Kg/m
AP : 224.20 mm



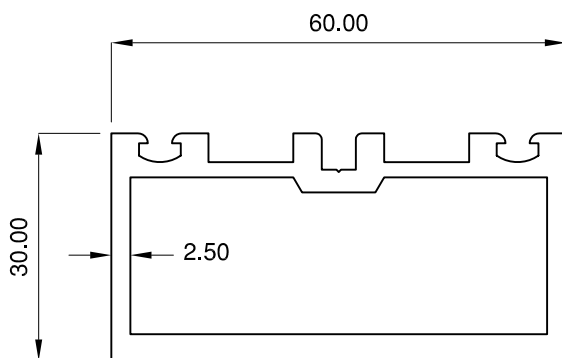
5426

WT : 0.723 Kg/m
AP : 174.80 mm



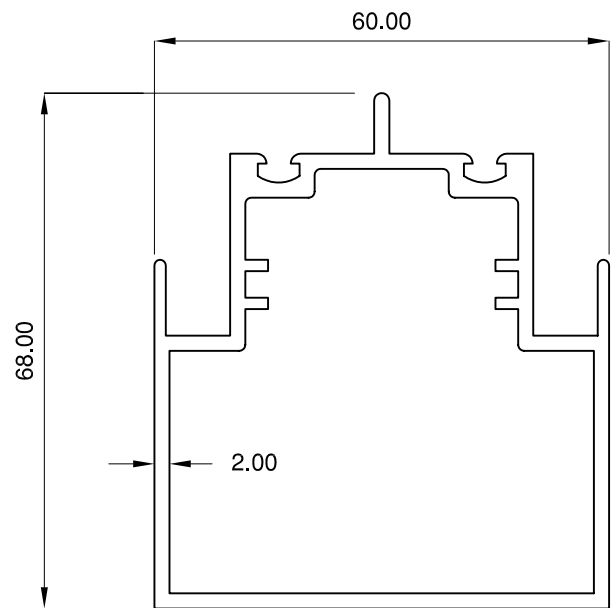
5425

WT : 1.017 Kg/m
AP : 226.80 mm



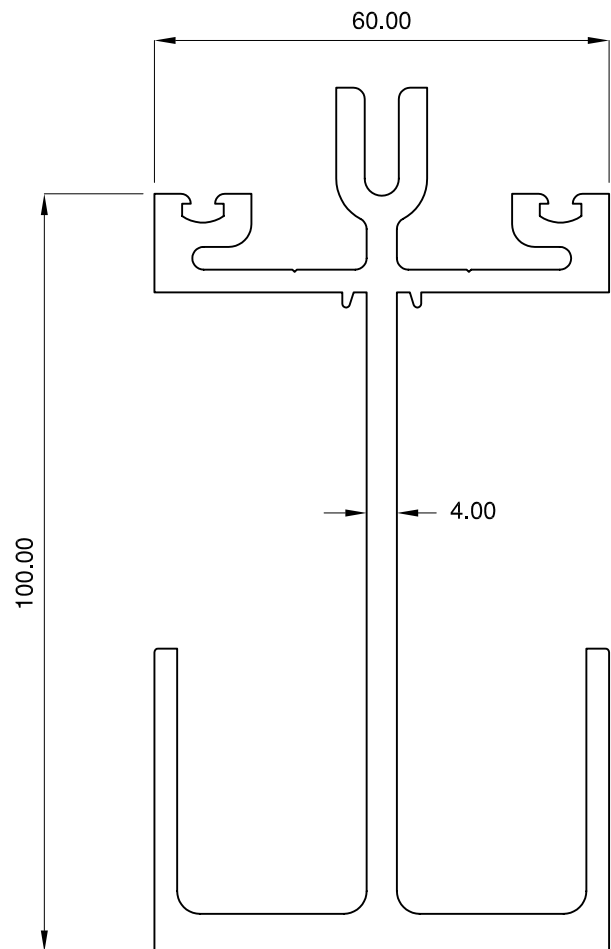
5424A

WT : 1.467 Kg/m
AP : 224.50 mm



5423

WT : 1.524 Kg/m
AP : 313.20 mm



5422

WT : 3.709 Kg/m
AP : 719.95 mm



PRESS METAL
ACE High Performance Systems

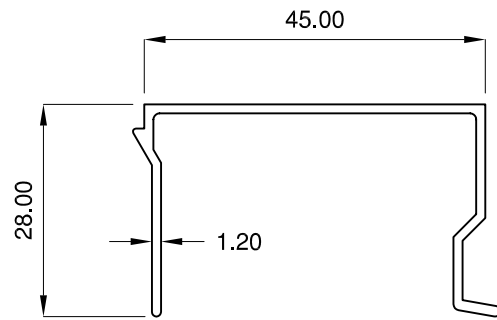
SKYLITE

COMLITE™

REF : SL COMLITE Page: 4

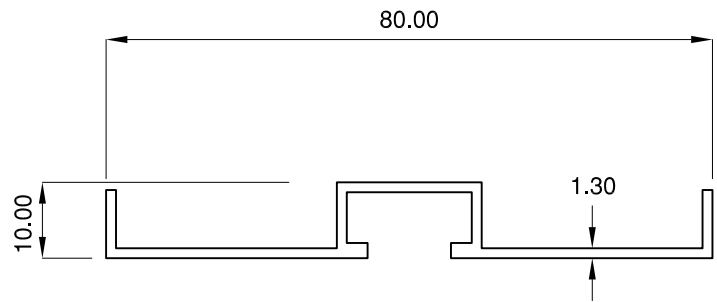
DATE : 1.1.2015

REPLACES :



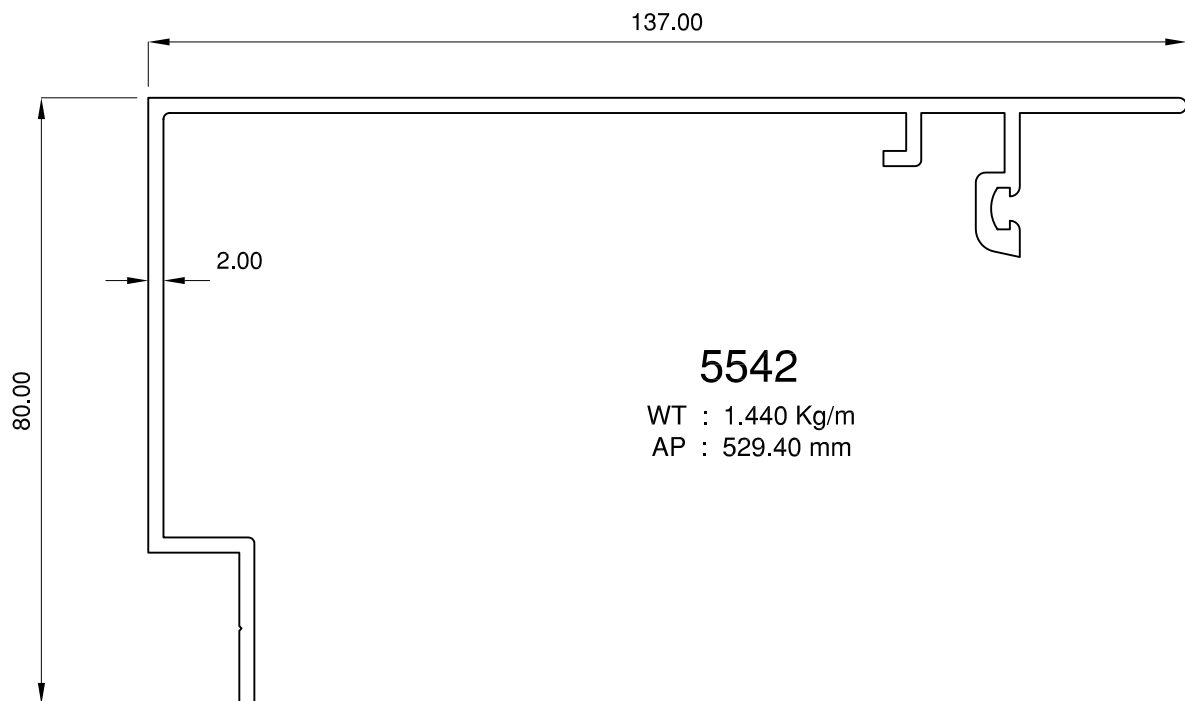
5427

WT : 0.356 Kg/m
AP : 205.30 mm



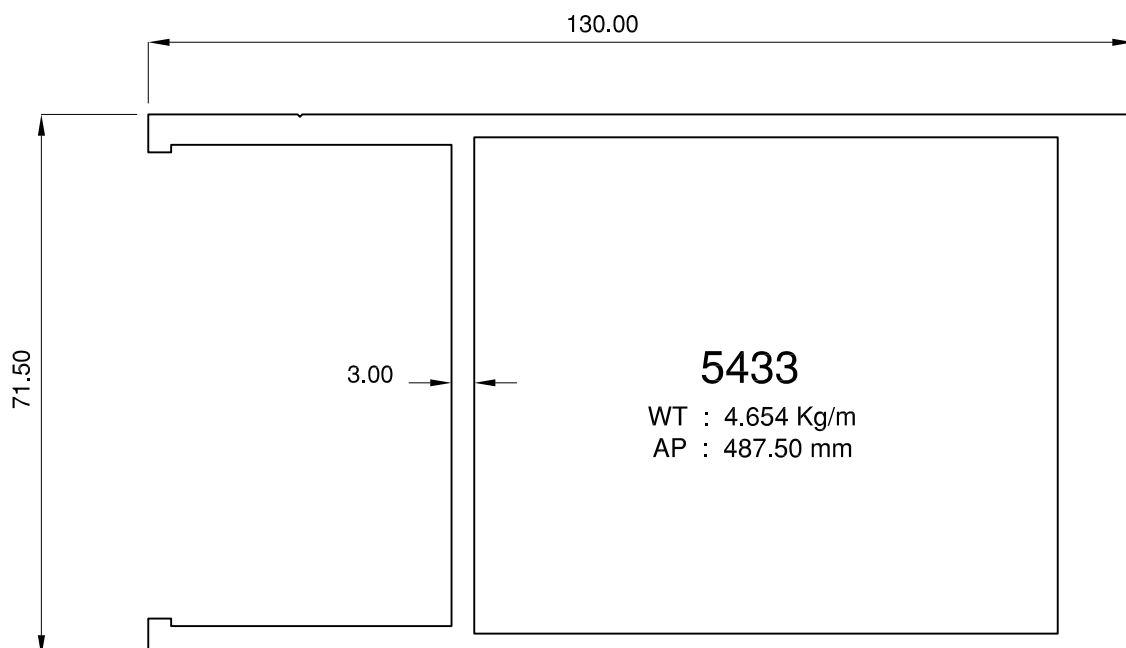
5543

WT : 0.427 Kg/m
AP : 239.20 mm



5542

WT : 1.440 Kg/m
AP : 529.40 mm



5433

WT : 4.654 Kg/m
AP : 487.50 mm



PRESS METAL
ACE High Performance Systems

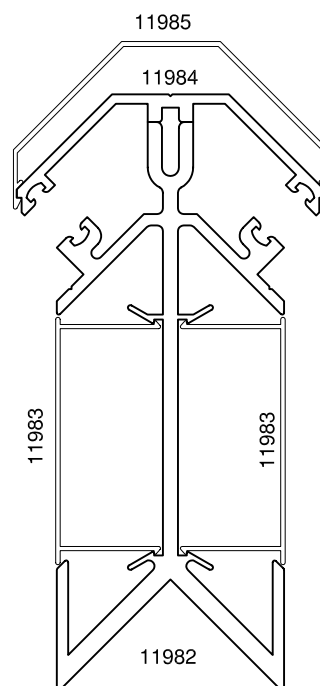
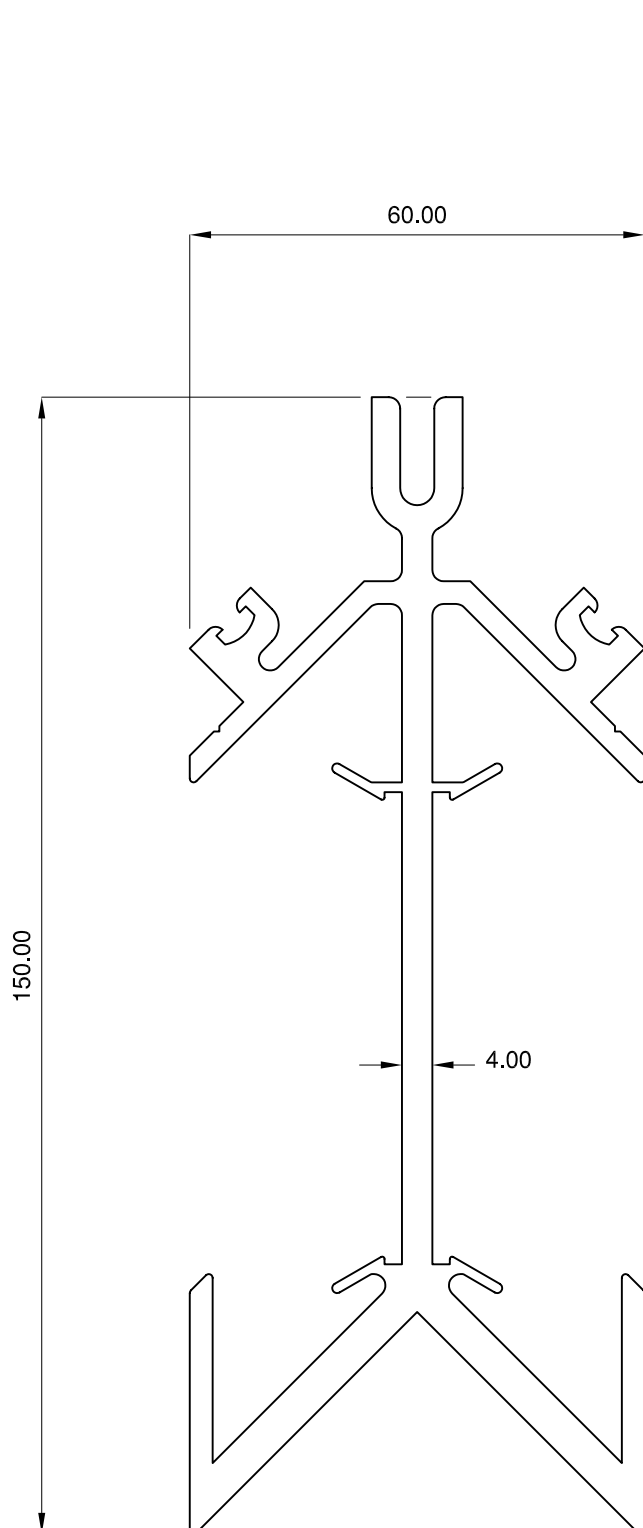
SKYLITE

COMLITE™

REF : SL COMLITE Page: 5

DATE : 1.1.2015

REPLACES :



HALF SIZE MATING

11982

WT : 4.167 Kg/m

AP : 850.03 mm



PRESS METAL
ACE High Performance Systems

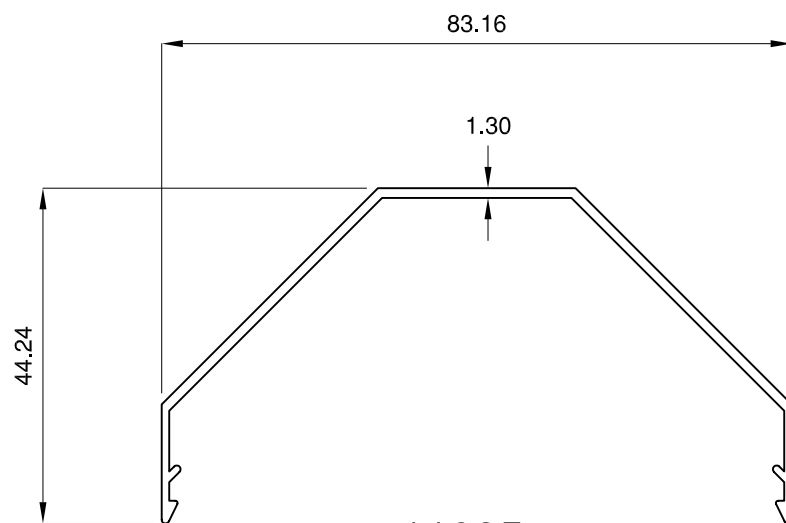
SKYLITE

COMLITE™

REF : SL COMLITE Page: 6

DATE : 1.1.2015

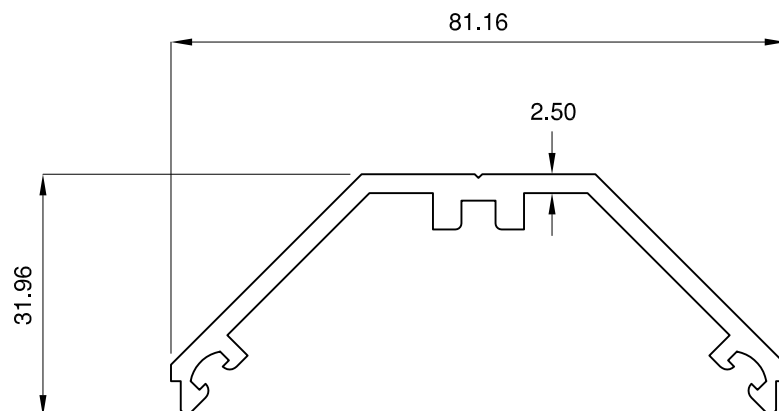
REPLACES :



11985

WT : 0.471 Kg/m

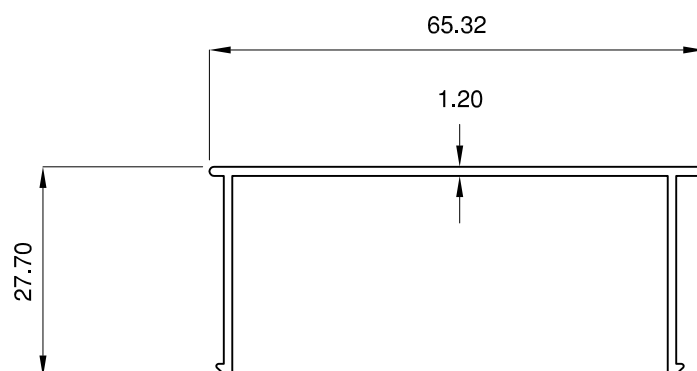
AP : 281.82 mm



11984

WT : 0.913 Kg/m

AP : 266.56 mm



11983

WT : 0.386 Kg/m

AP : 239.64 mm



PRESS METAL
ACE High Performance Systems

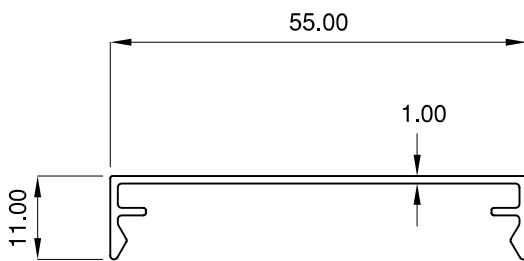
SKYLITE

COMLITE™

REF : SL COMLITE Page: 7

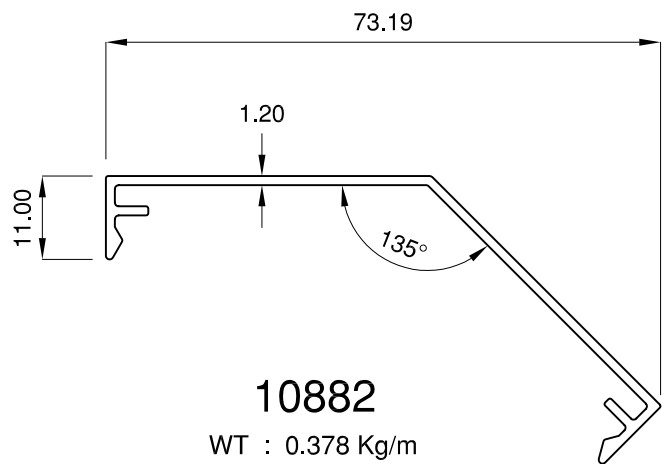
DATE : 1.1.2015

REPLACES :



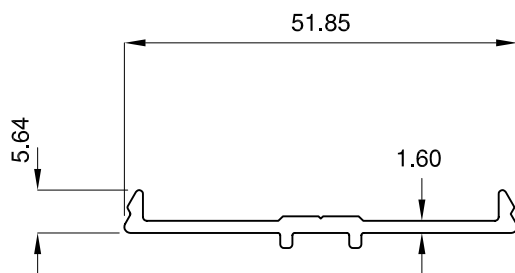
10879

WT : 0.237 Kg/m
AP : 165.14 mm



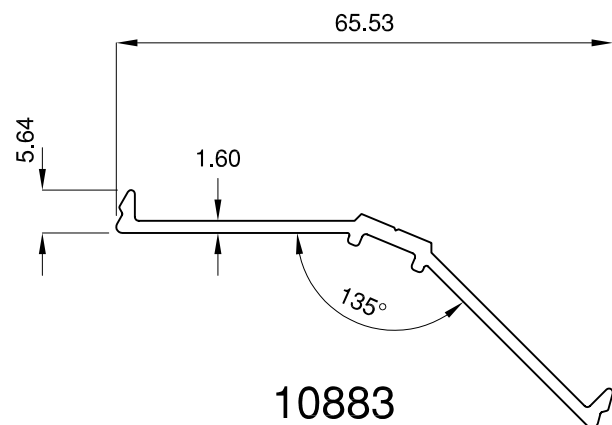
10882

WT : 0.378 Kg/m
AP : 227.81 mm



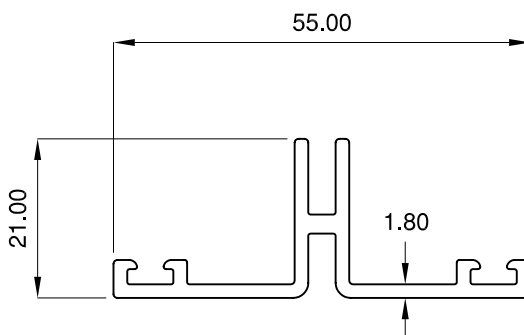
10880

WT : 0.292 Kg/m
AP : 126.81 mm



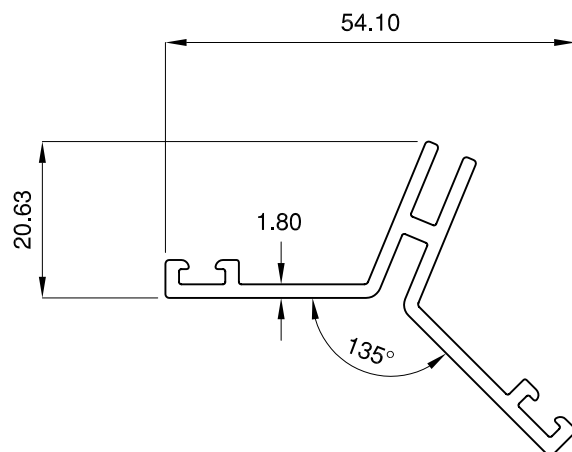
10883

WT : 0.385 Kg/m
AP : 168.95 mm



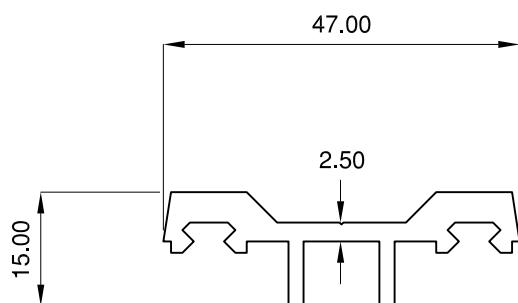
10881

WT : 0.532 Kg/m
AP : 216.82 mm



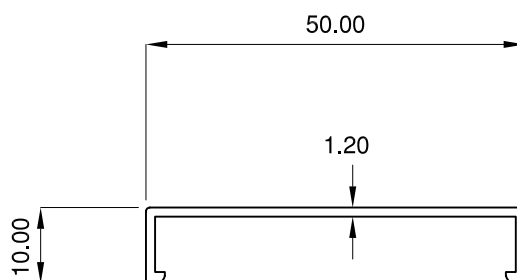
10884

WT : 0.568 Kg/m
AP : 231.90 mm



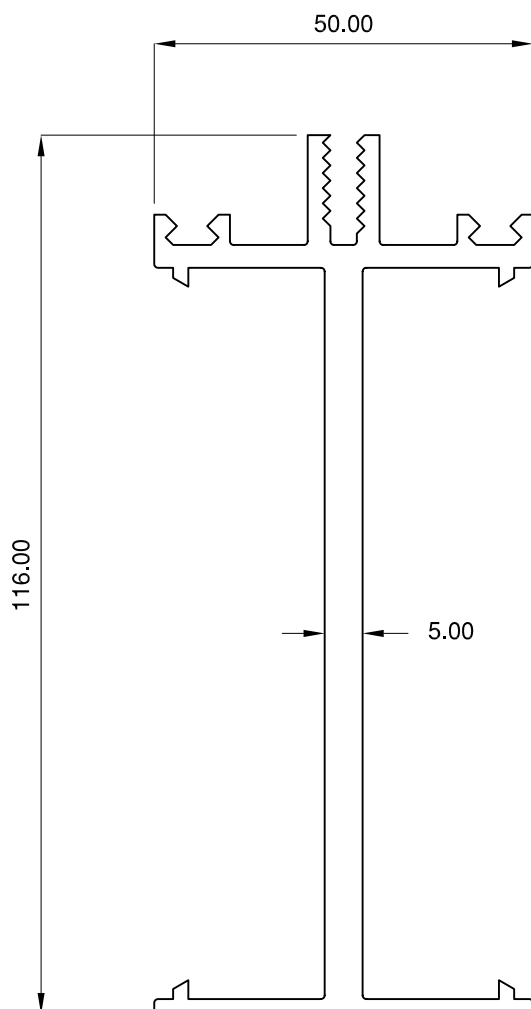
8334

WT : 0.634 Kg/m
AP : 167.09 mm



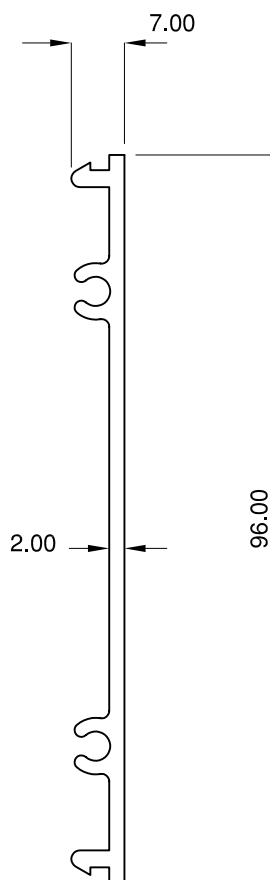
8335A

WT : 0.228 Kg/m
AP : 141.35 mm



9250

WT : 2.310 Kg/m
AP : 506.60 mm



8369B

WT : 0.677 Kg/m
AP : 247.33 mm



PRESS METAL
ACE High Performance Systems

SHOPFRONT

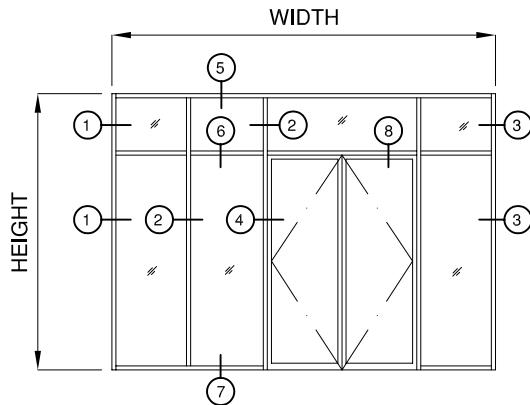
COMFRONT™

REF : SF COMFRONT Page: 1

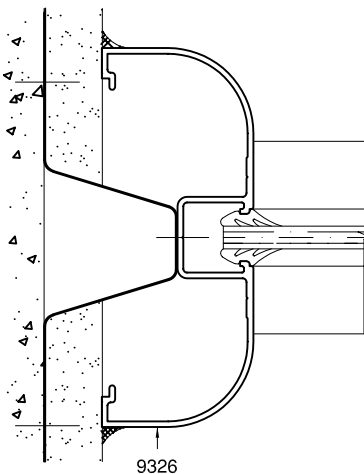
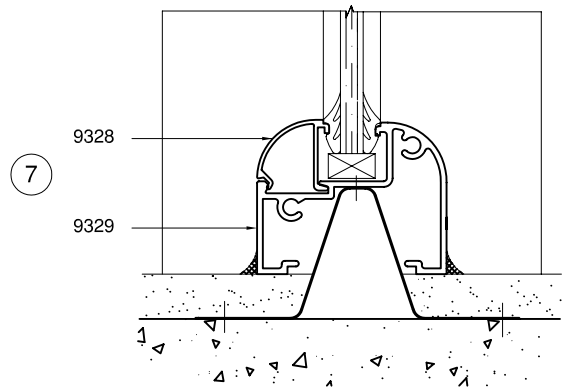
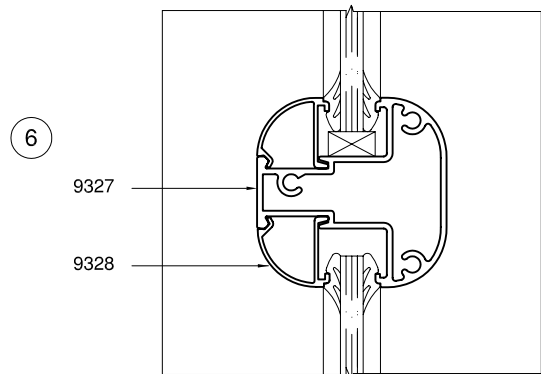
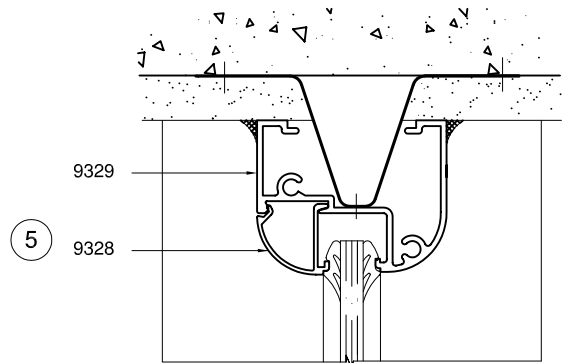
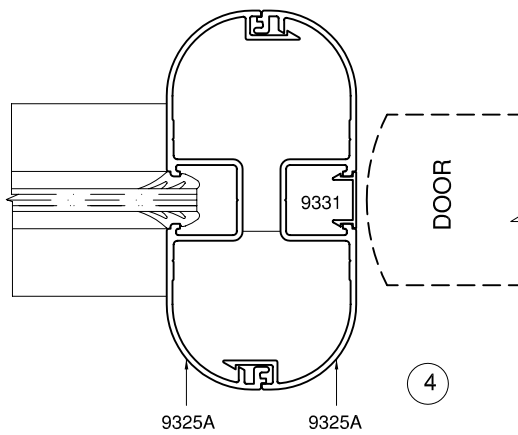
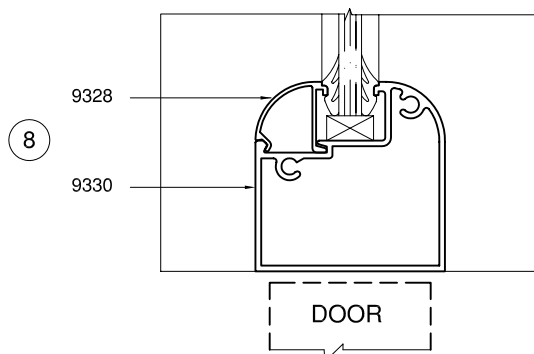
DATE : 1.1.2015

REPLACES :

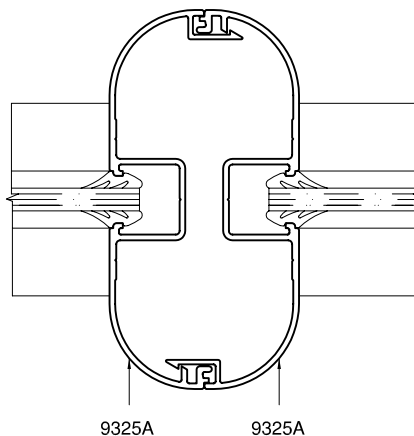
TYPICAL ARRANGEMENT



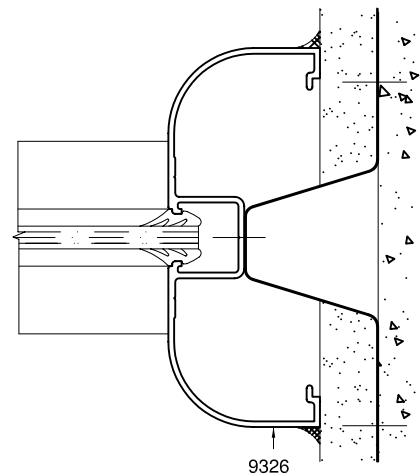
ELEVATION



1



2



3



PRESS METAL
ACE High Performance Systems

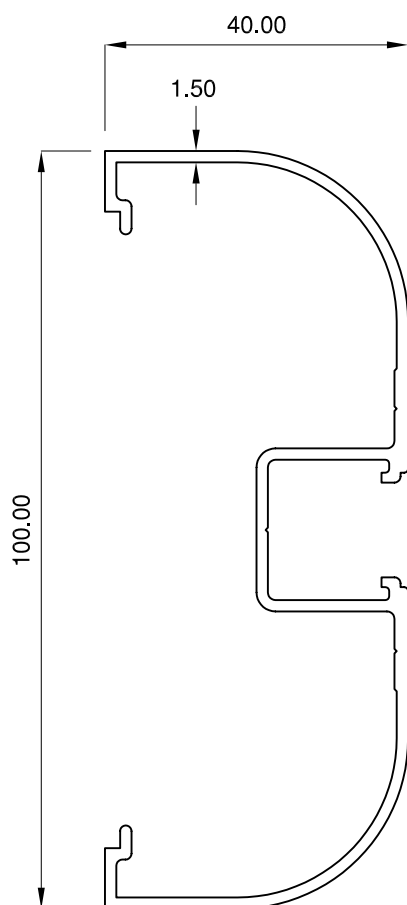
SHOPFRONT

COMFRONT™

REF : SF COMFRONT Page: 2

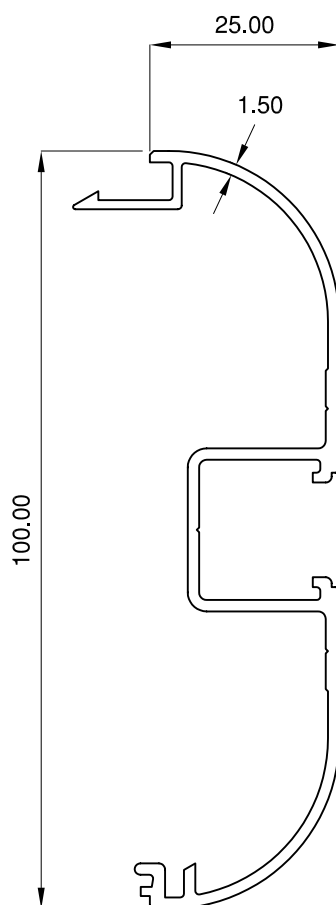
DATE : 1.1.2015

REPLACES :



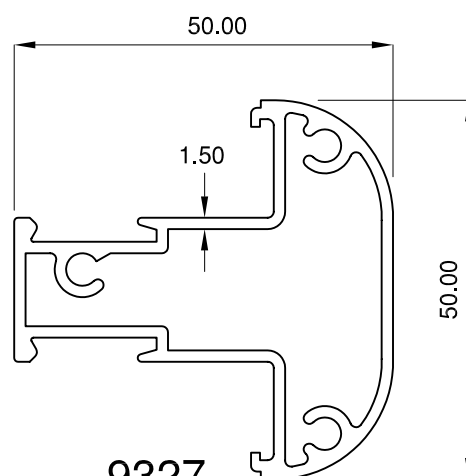
9326

WT : 0.938 Kg/m
AP : 447.56 mm



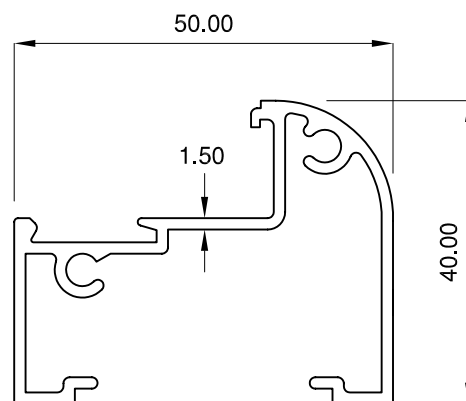
9325A

WT : 0.838 Kg/m
AP : 404.58 mm



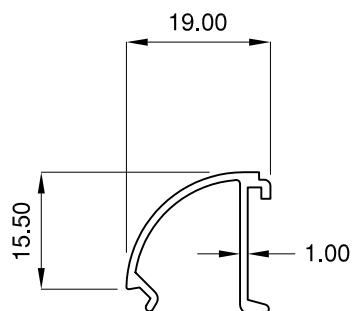
9327

WT : 0.979 Kg/m
AP : 221.55 mm



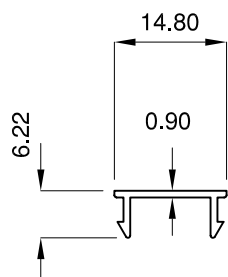
9329

WT : 0.727 Kg/m
AP : 344.29 mm



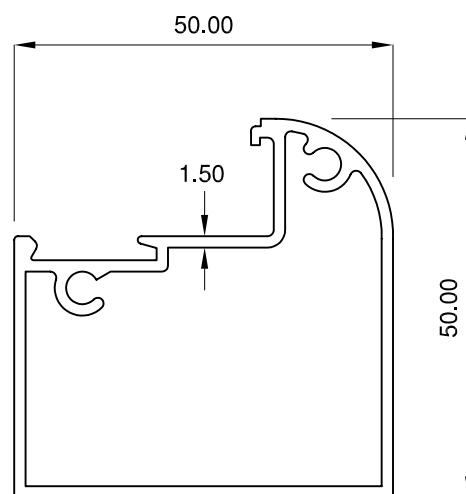
9328

WT : 0.155 Kg/m
AP : 105.83 mm



9331

WT : 0.065 Kg/m
AP : 53.52 mm



9330

WT : 0.907 Kg/m
AP : 210.86 mm