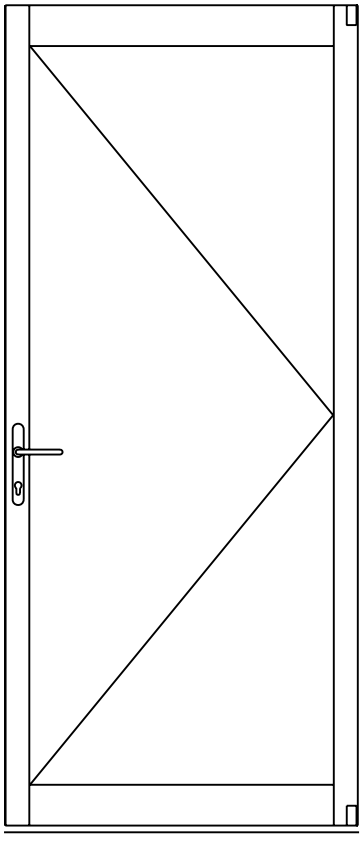
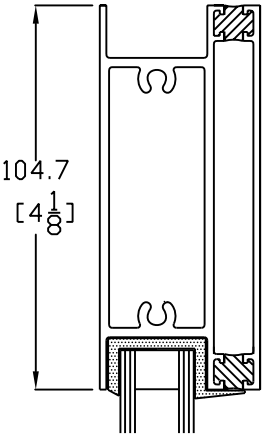


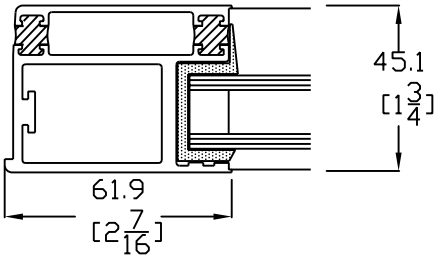
- The insulated WestCoast Door system was designed to create a new slim-line door appropriate for the west coast lifestyle, a lifestyle which demands more light being let into the living and work areas, and the ability style to enjoy spectacular views.
- The Door is well-suited for office applications, especially where visibility to and from an office is required, and for moderate traffic areas such as smaller storefronts, small offices, light commercial projects, or applications where a see-through door is desirable.
- Our reversible aluminum doors are ideal in high-rise or in low-rise apartments where layouts will not permit a sliding door.
- The WestCoast door offers considerable flexibility in design.
- The narrow extrusions used for the WestCoast doors allow maximum viewing area of the exterior.
- One major benefit of this system for our distribution is the readiness of our doors for job sites; the WestCoast door system is pre-hung, pre-glazed and pre-finished.

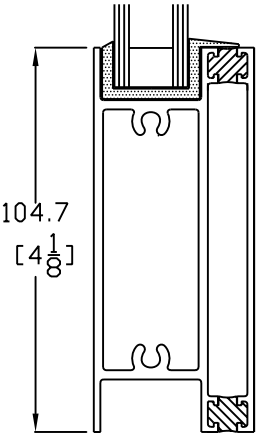
Other areas in which the WestCoast door stands out are the following:

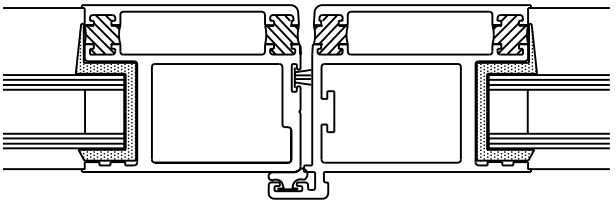
- Excellent thermal ratings and its fully weathered frame exceeds CAN/CGSB and ASTM performance standards.
- Its patented thermal barrier assembly uses two separate extrusions instead of the traditional "pour and de=bridge" system. That inhibits the transfer or loss of heat between the inner and outer aluminum surfaces.
- Aluminex uses high density polyurethane as a thermal material to ensure the assembly maintains its maximum strength. In addition, "Azo-Brading" of the extrusions is done whenever required.
- Our baked enamel or anodized doors don't require painting at the job site, or regular upkeep like wood doors.

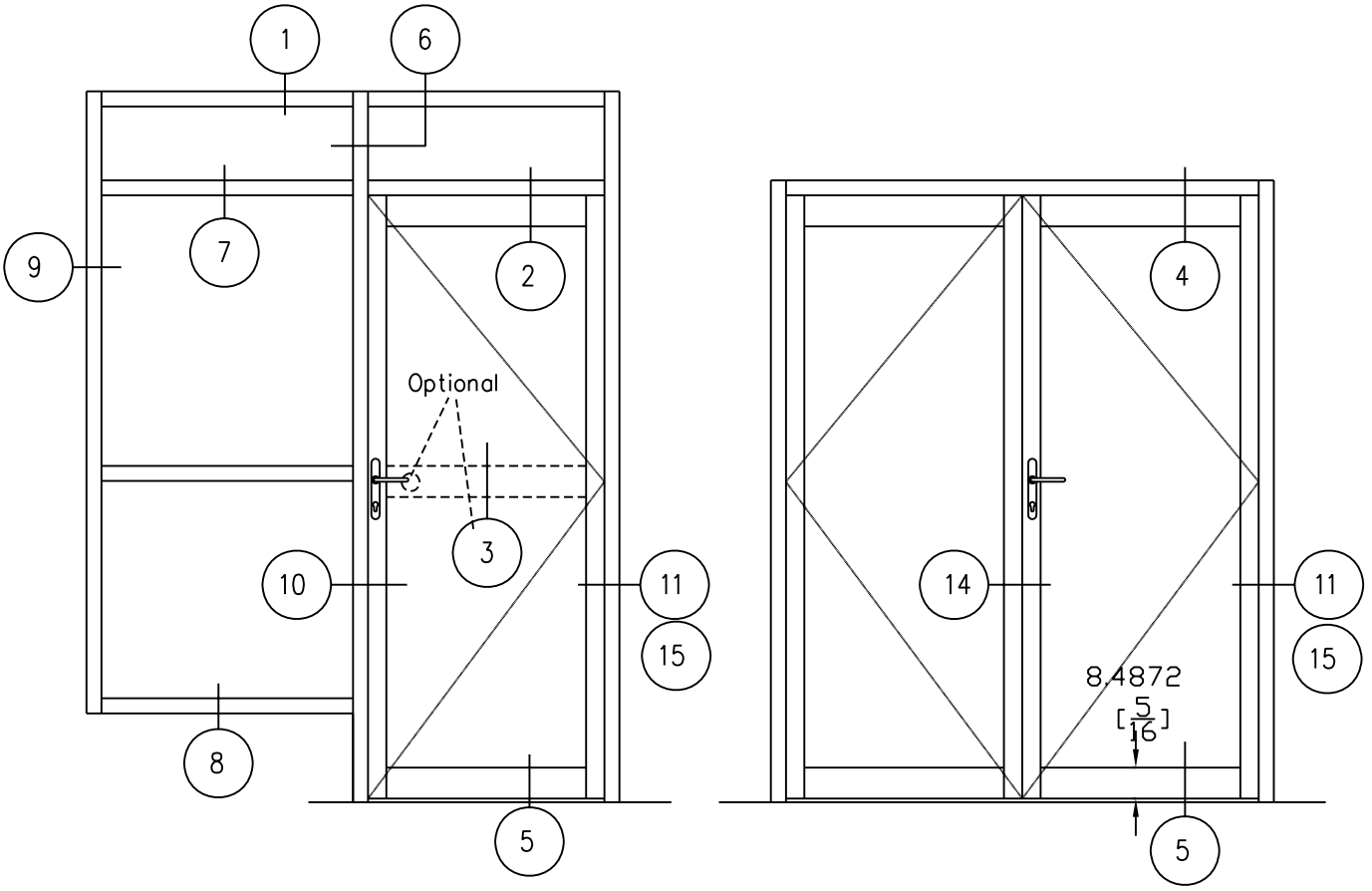
Another innovation is the Gemini System in our WestCoast Doors which allows the choice of one colour for the interior decor, and another to provide the exterior look you want.











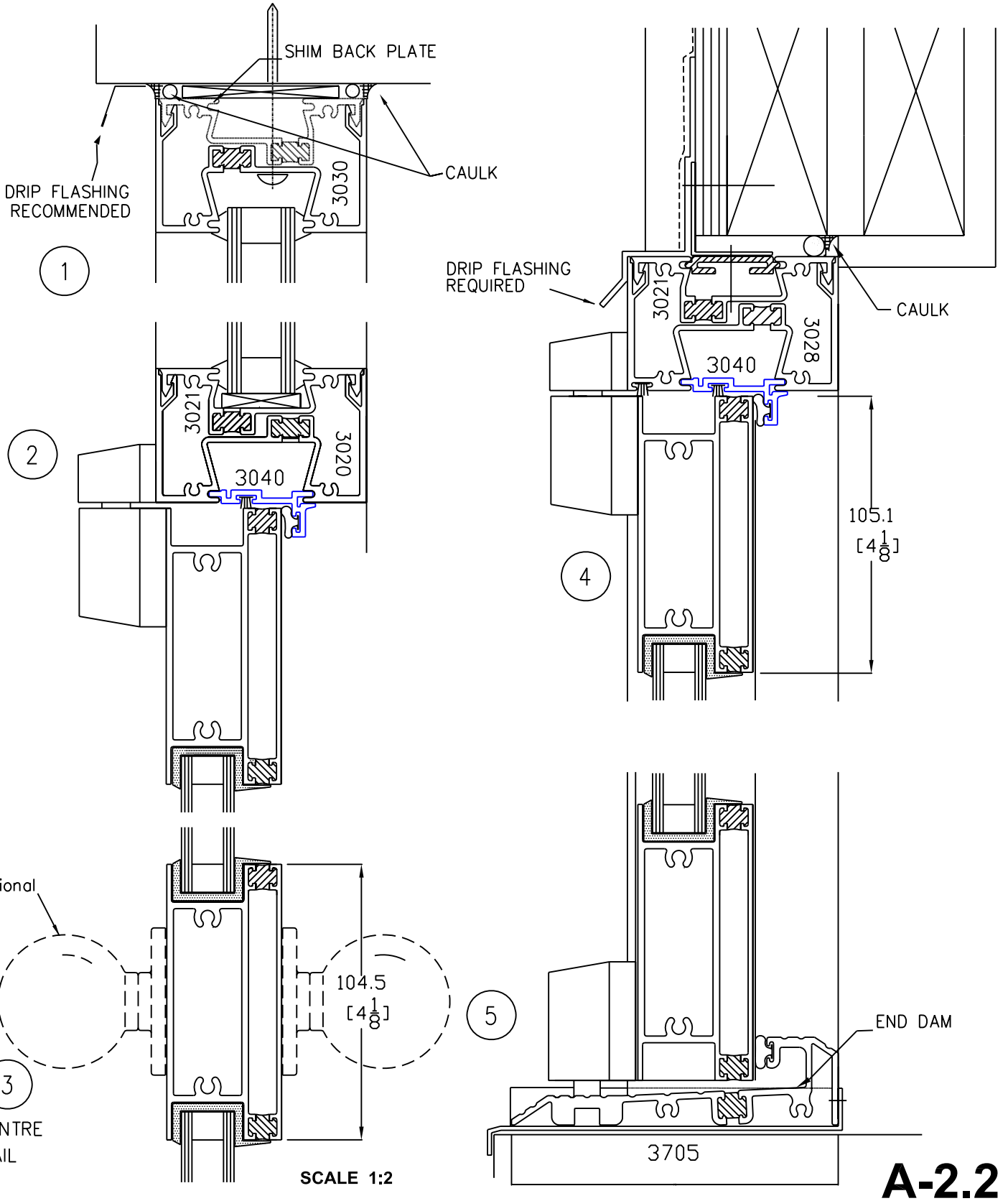
ELEVATIONS
NTS

FRAMING SYSTEM – 3020TB SERIES

1. A CANOPY OR OVERHANG SHOULD BE INCORPORATED OVER THE DOORS TO AVOID ANY EXPOSURE TO DRIVING RAIN.
2. DRIP FLASHING AT THE HEAD AND FLASHING AT THE SILL SHOULD BE INCORPORATED TO FURTHER IMPROVE WEATHER SEAL OF THE DOOR SYSTEM.
   AN END DAM AT THE SILL FLASHING IS RECOMMENDED.
3. THE FRAMING UTILIZES A DRY GASKET STOREFRONT SYSTEM THEREFORE A SMALL AMOUNT OF MOISTURE CAN GET INTO THE GLAZING CAVITIES.
   CAULKING AT THE SILL SHOULD ONLY BE APPLIED INSIDE TO ALLOW MOISTURE TO DRAIN OUT TO THE EXTERIOR.

Aluminex™

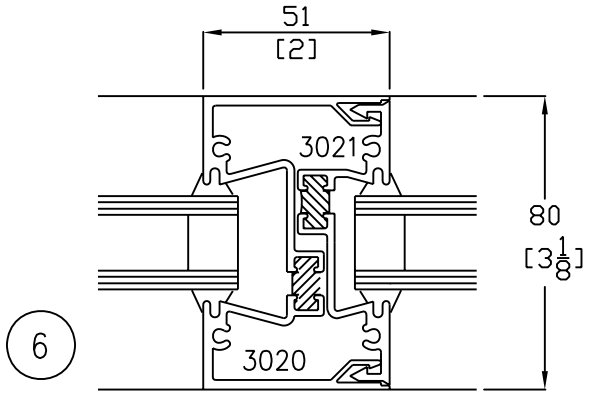
3020 SERIES FLUSH GLAZE THERMALLY BROKEN FRAMING SYSTEM with 140TB WESTCOAST DOOR



SCALE 1:2

Aluminex™

3020 SERIES FLUSH GLAZE THERMALLY BROKEN FRAMING SYSTEM with 140TB WESTCOAST DOOR



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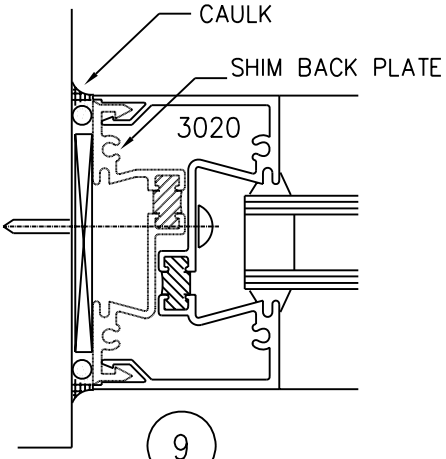

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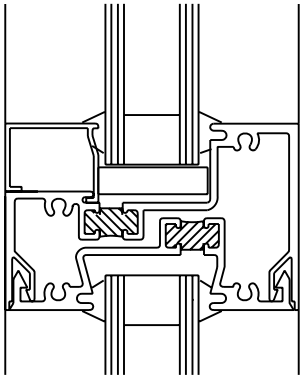

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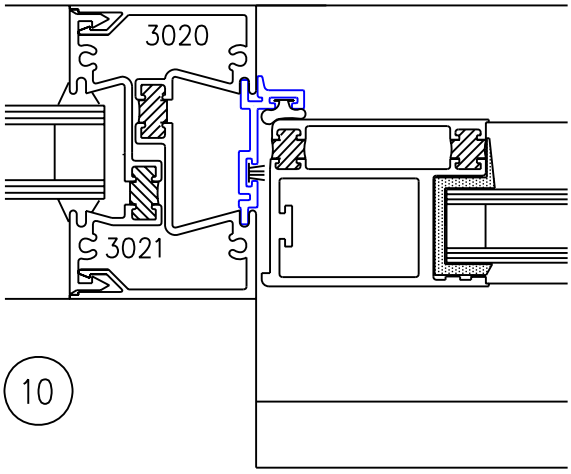

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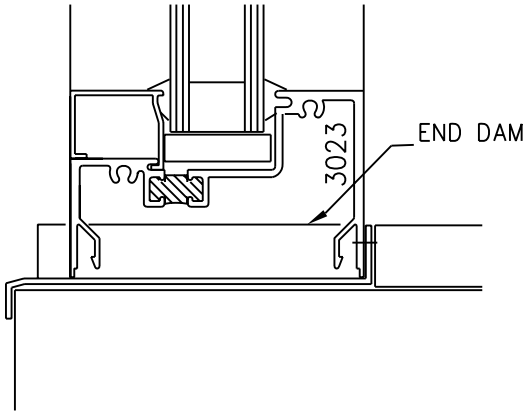

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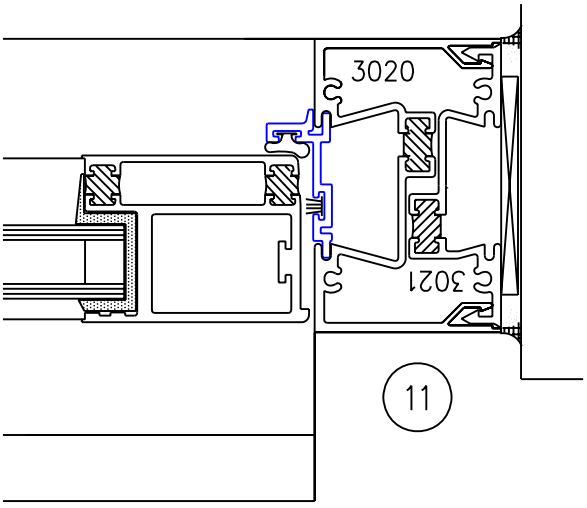
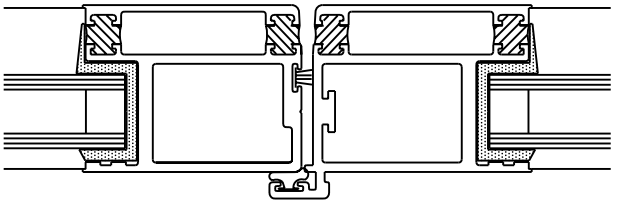


11

SCALE 1:2

Aluminex™

3020 SERIES FLUSH GLAZE THERMALLY BROKEN FRAMING SYSTEM with 140TB WESTCOAST DOOR



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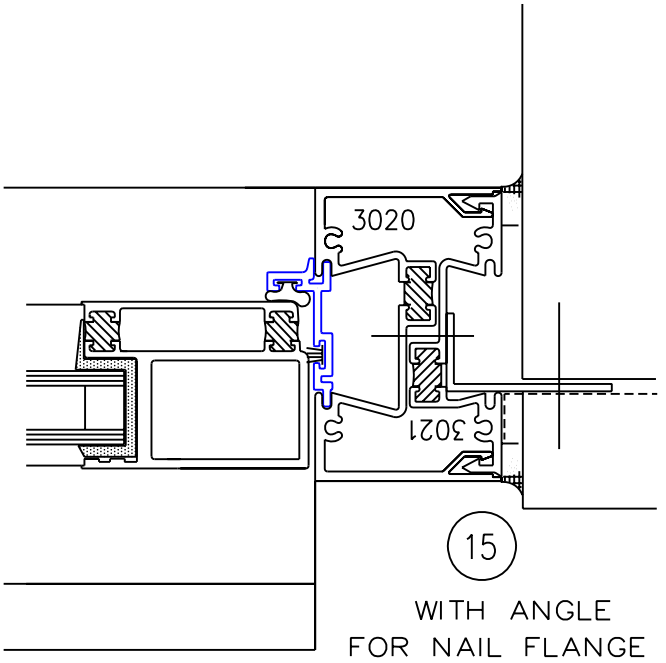
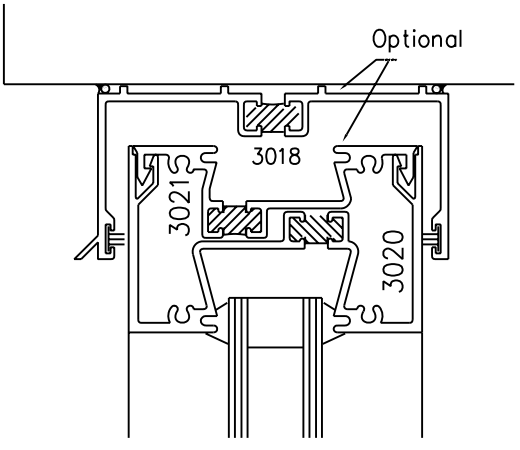


15

WITH ANGLE
FOR NAIL FLANGE



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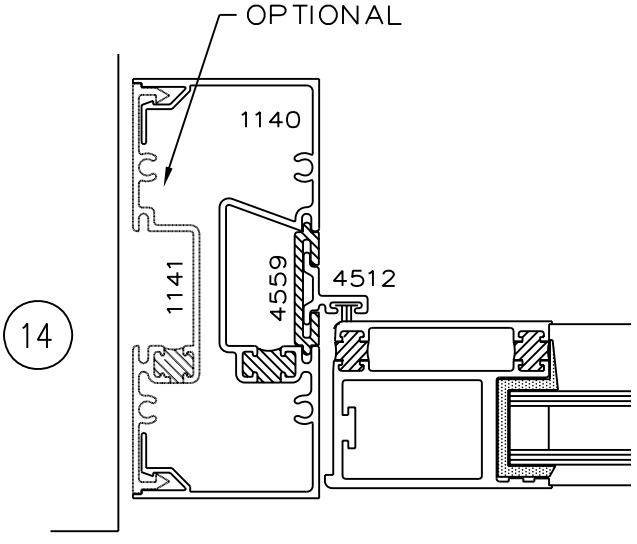
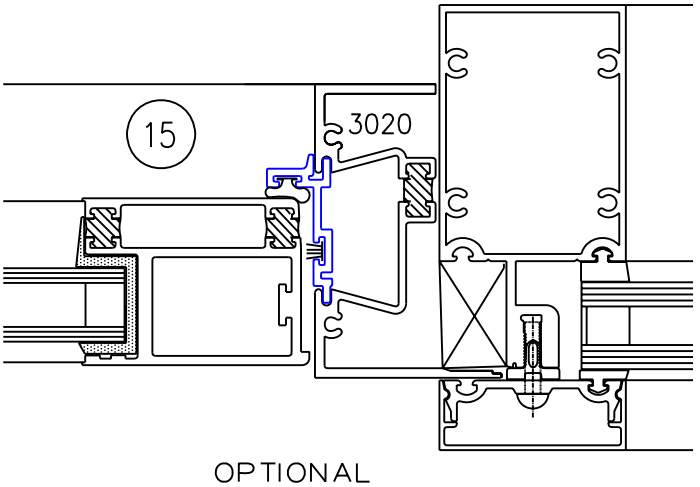


14

OPTIONAL
Using 1140tb Series (114 mm –4 1/2")



OPTIONAL
Using CURTIAN–WALL

SCALE 1:2

A.T.MARCK & ASSOCIATES
BUILDING SYSTEMS ENGINEERING LTD.
TEL/FAX (604) 469-6566

PROFILE: 3020 + 3021	MATERIAL: AA 6063 T5
A= 1061 mm² (1.645 IN²)	I= 850427 mm⁴ (2.043 IN⁴)
C/L max = 40.01 mm (1.575 IN)	S= 21254 mm³ (1.297 IN³)

SPACING	MAX. ALLOWABLE MULLION LENGTH (m/ft) FOR SPECIFIED WIND LOAD						
	0.72 kPa	0.96 kPa	1.20 kPa	1.44 kPa	1.68 kPa	1.91 kPa	
	15 PSF	20 PSF	25 PSF	30 PSF	35 PSF	40 PSF	
.45 m	4.30	3.90	3.65	3.45	3.25	3.10	m
1.5′	14.1	12.8	12.0	11.3	10.7	10.2	ft
.60 m	3.90	3.55	3.30	3.10	2.95	2.85	
2.0′	12.8	11.6	10.8	10.2	9.7	9.4	
.75 m	3.65	3.30	3.05	2.90	2.75	2.65	
2.5′	12.0	10.8	10.0	9.5	9.0	8.7	
.90 m	3.45	3.10	2.90	2.70	2.60	2.45	
3.0′	11.3	10.2	9.5	8.9	8.5	8.0	
1.05 m	3.25	2.95	2.75	2.60	2.45	2.35	
3.5′	10.7	9.7	9.0	8.5	8.0	7.7	
1.20 m	3.10	2.85	2.60	2.45	2.35	2.20	
4.0′	10.2	9.4	8.5	8.0	7.7	7.2	
1.35 m	3.00	2.70	2.50	2.35	2.20	2.10	
4.5′	9.8	8.9	8.2	7.7	7.2	6.9	
1.50 m	2.90	2.60	2.45	2.25	2.10	1.95	
5.0′	9.5	8.5	8.0	7.4	6.9	6.4	
1.65 m	2.80	2.55	2.35	2.15	2.00	1.90	
5.5′	9.2	8.4	7.7	7.1	6.6	6.2	
1.80 m	2.70	2.45	2.25	2.10	1.90	1.80	
6.0′	8.9	8.0	7.4	6.9	6.2	5.9	
1.95 m	2.65	2.40	2.20	2.00	1.85	1.75	
6.5′	8.7	7.9	7.2	6.6	6.1	5.7	
2.10 m	2.60	2.35	2.10	1.90	1.80	1.65	
7.0′	8.5	7.7	6.9	6.2	5.9	5.4	
2.25 m	2.50	2.25	2.05	1.85	1.70	1.60	
7.5′	8.2	7.4	6.7	6.1	5.6	5.2	
2.40 m	2.45	2.20	1.95	1.80	1.65	1.55	
8.0′	8.0	7.2	6.4	5.9	5.4	5.1	

1/ UNIFORM (RECTANGULAR) LOAD DISTRIBUTION

2/ BASED ON L/175 MAX ALLOWABLE DEFLECTION OR Fy = 110 MPa FOR AA 6063 T5 – WHICHEVER IS LESS – CONFORMING TO CAN3-S157-M83

3/ FOR ESTIMATING PURPOSES ONLY