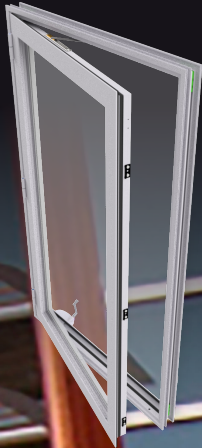


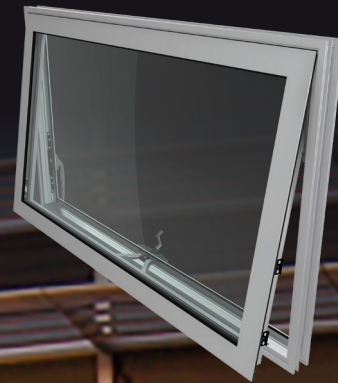
Casement



Hopper



Awning



UniVent 1375AW

Dual and triple glazed project-in and project-out insert vent



Catalogue Pages



Specifications



CAD Details

www.alumicor.com

UniVent 1375AW Insert Vent



Dual and triple glazed project-in and project-out insert vent

Features & Benefits

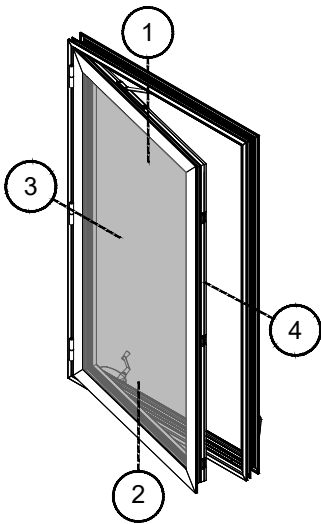
- Dual and triple glazing
- EPDM wedge type gaskets and glazing tape for 1" glass or panel thickness
- Multi-point locking handles with 4-bar and butt hinges, CAM locking
- CSA-AAMA-NAFS-17
- Mitered, mitered crimped frame and Sash with sealed joints
- Awning, Hopper and Casement window types
- Easily integrates with storefront or curtainwall framing systems and fixed window
- 7 anodized standard finishes and a variety of custom painted finishes
- Polyamide Thermal Break permits two-colour interior/exterior finishes



UniVent 1375AW Insert Vent	Awning	Casement	Hopper	Casement
Application	Project Out	Project Out	Project In	Project In
Frame Joints	Mitered, 2 Corner Keys			
Window Joints	Mitered, 2 Corner Keys			
Glass Thickness	1" [25.4mm], 1 1/16" [27mm], 1 ¾ [44.5mm]			
Face Width	2-3/4" (70mm) Dual 3-7/16" (87mm) Triple	2-3/4" (70mm) Dual 3-7/16" (87mm) Triple	2-7/16" (62mm) Dual 3-7/16" (87mm) Triple	2-3/4" (70mm) Dual 3-7/16" (87mm) Triple
Frame Depth	2-3/4" (70mm) Dual	2-7/16" (62mm) Dual	2-7/16" (62mm) Dual	2-3/4" (70mm)
Hardware	4-bar hinges, Cam Lock or optional roto operator with Multi-point lock or optional custodial lock with removable handle	Butt hinges, Cam lock, optional roto operator with Multi-point lock handle or optional custodial lock with removable handle, optional egress lock with opening restrictor	4-Bar hinges, Multi point lock handle, optional custodial lock with removable handle.	4-Bar hinge or concealed Euro Hinge with Multi point lock handle, optional custodial lock with removable handle. Optional Egress with opening restrictor
ASTM E331 AND E547 Uniform and Cyclic Static Water	15 PSF (720Pa)			
U-Factor**	Dual: 2,10W/m² • K Triple: 1,48W/m² • K		Dual: 2,10W/m² • K Triple: 1,41W/m² • K	
Air Infiltration and Exfiltration @300pa	0,3 L/s•m² A3	0,3 L/s•m² A3	0,5 L/s•m² A3	0,3 L/s•m² A3
AAMA/WDMA/CSA 101 I.5.2/A440-17, NAFS Testing	AW-PG80*	AW-PG80*	AW-PG80	AW-PG80
AAMA910 Life Cycle	4000 Cycles			
CRF (AAMA 1503-2010) Condensation Resistance Factor	Dual: 69 / Triple: 72		Dual: 62 / Triple: 70	
Temperature Index (CSA A440.2/A440.3)	Dual: 57 / Triple: 67		Dual: 49 / Triple: 56	
Acoustic:	1" 35 STC/29 OITC, 1 1/16" 39 STC/34 OITC, 1 3/4" 36 STC/29 OITC		1" 36 STC/30 OITC, 1 1/16" 39 STC/33 OITC, 1 3/4" 36 STC/29 OITC	
ASTM F588	Grade 40 Forced Entry			

*AW PG60 for CAM lock ** U-Factor per NFRC 100. Refer to the U-Value table at www.alumicor.com

CASEMENT INFORMATION



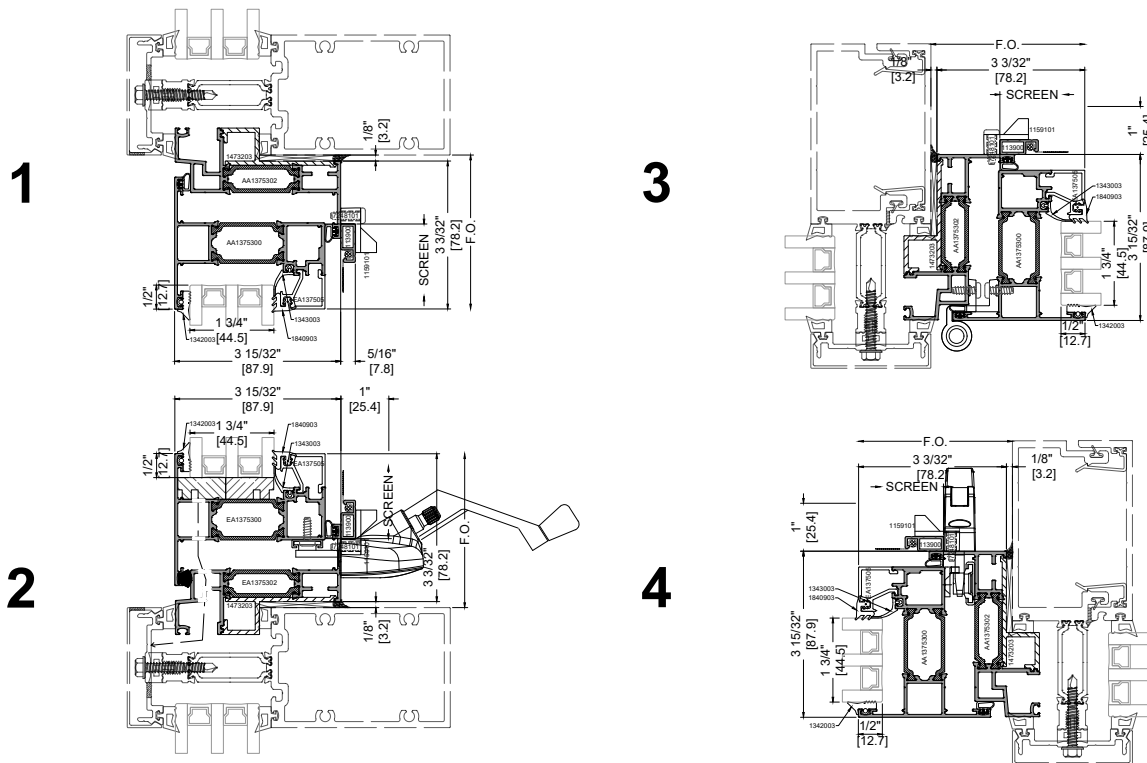
	ROTO-MPL	CAM HANDLES
*MIN DIMENSIONS	**16 5/8" x 24" [422 x 610]	**16" x 24" [406 x 610]
*MAX DIMENSIONS	**36" x 60" [914 x 1524] or 26" x 72" [660 x 1829]	**36" x 54" [914 x 1372]
SCREEN	OPTION	OPT. (wicket)
MAX OPENING	VARIES	VARIES
EGRESS	OPTION	OPTION
LIMITED OPENING	OPTION @ 4"	OPTION @ 4"
CUSTODIAL LOCK	OPTION	N/A

*Based on (DLO) dimensions

**Width/Height ratio exceeding 65% is not recommended

[] Dimensions in brackets are in [mm] millimeters

Curtain Wall Integration

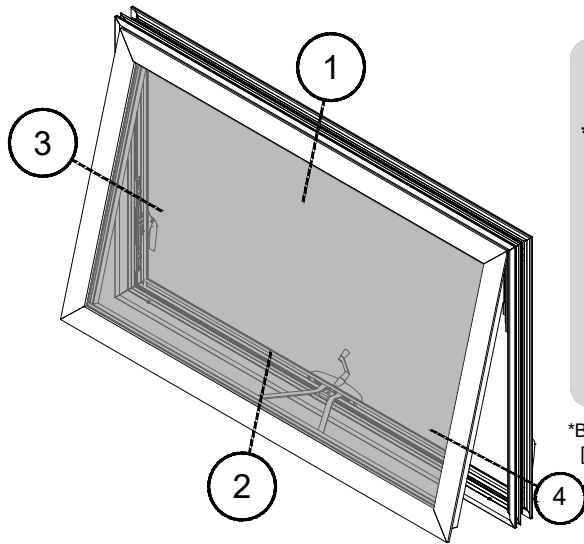


Standard Details

1/4 scale

March 2022

AWNING INFORMATION

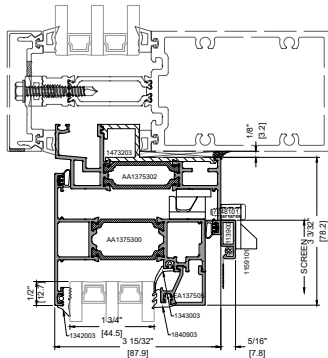


	ROTO-MPL	CAM HANDLES
*MIN DIMENSIONS	19 5/8" x 21" [483 x 533]	16" x 16" [406 x 406]
*MAX DIMENSIONS	66" x 36" [1676 x 914] or 36" x 66" [914 x 1676]	60" x 36" [1524 x 914] or 36" x 54" [914 x 1372]
SCREEN	OPTION	OPT. (wicket)
MAX OPENING	1 1/2" < *30 5/8" W [38 < 778] 6 3/4" > *30 5/8" W [171 > 778]	VARIES VARIES
LIMITED OPENING CUSTODIAL LOCK	OPTION @ 4" [102] OPTION	OPTION @ 4" [102] N/A

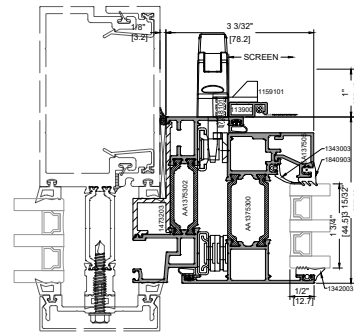
*Based on (DLO) dimensions
[] Dimensions in brackets are in [mm] millimeters

Curtain Wall Integration

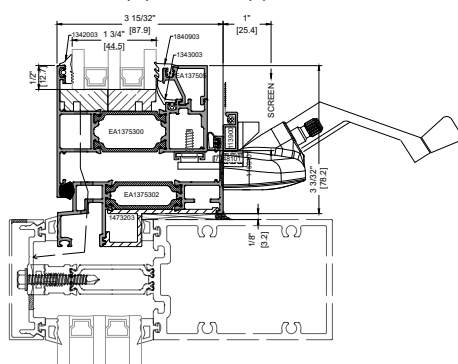
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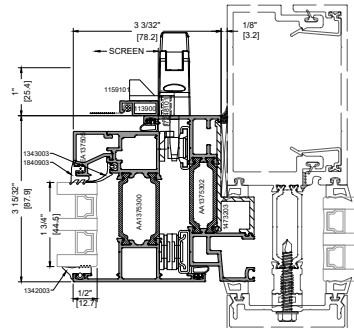
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2



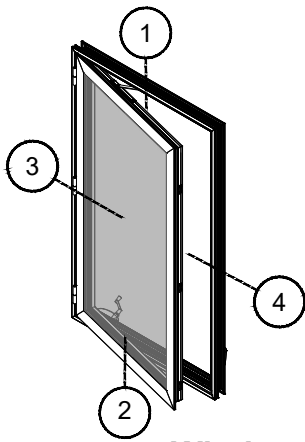
4



Standard Details
1/4 scale

March 2022

CASEMENT INFORMATION



ROTO-MPL

CAM HANDLES

***MIN DIMENSIONS** **16 5/8" x 21" [422 x 533]
***MAX DIMENSIONS** **36" x 62" [914 x 1575] or
 27" x 84" [686 x 2134]

****16" x 24" [406 x 610]**
****36" x 54" [914 x 1372]**

SCREEN OPTION
MAX OPENING VARIES
EGRESS OPTION
LIMITED OPENING OPTION @ 4"
CUSTODIAL LOCK OPTION

OPT. (wicket)
VARIES
OPTION
OPTION @ 4"
N/A

*Based on (DLO) dimensions

**Width/Height ratio exceeding 65% is not recommended

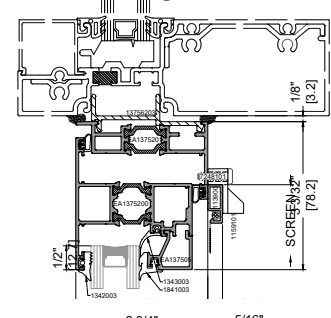
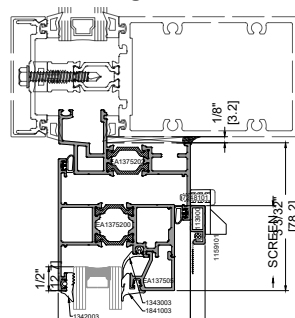
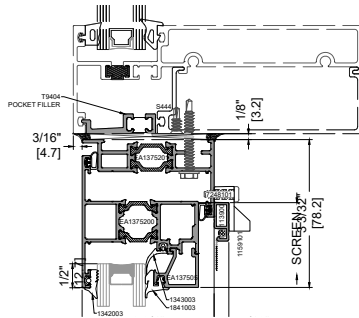
[] Dimensions in brackets are in [mm] millimeters

Window Wall Integration

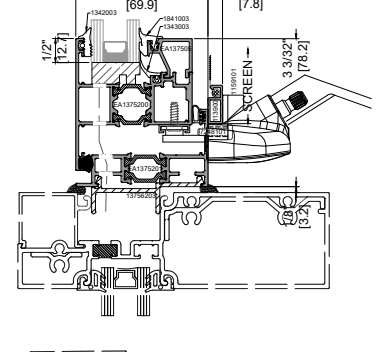
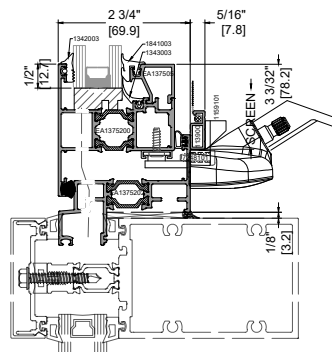
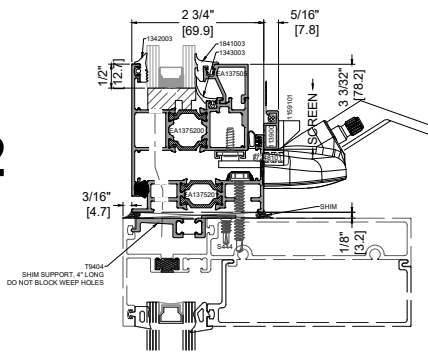
Curtain Wall Integration

Storefront Integration

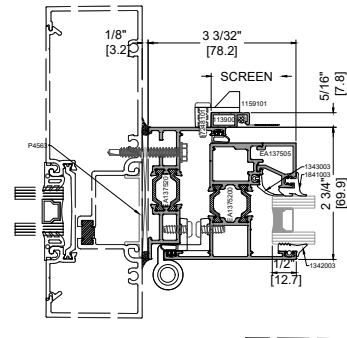
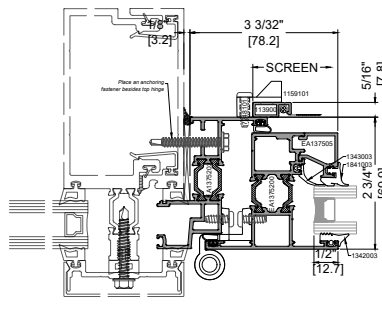
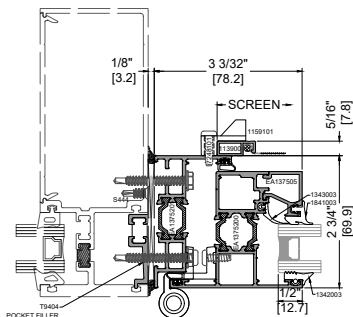
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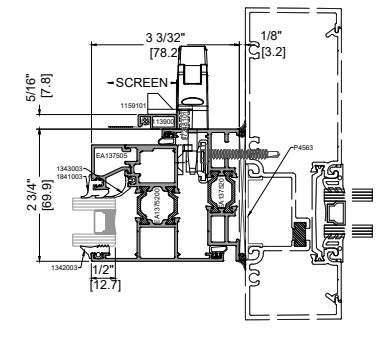
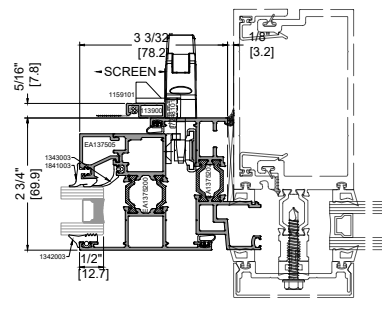
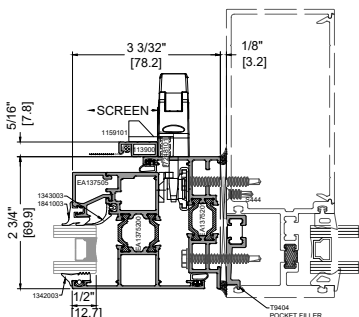
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3



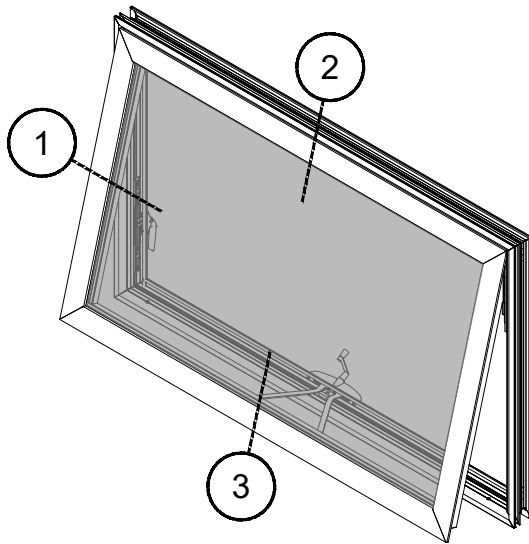
4



Standard Details
 1/4 scale

March 2022

AWNING INFORMATION



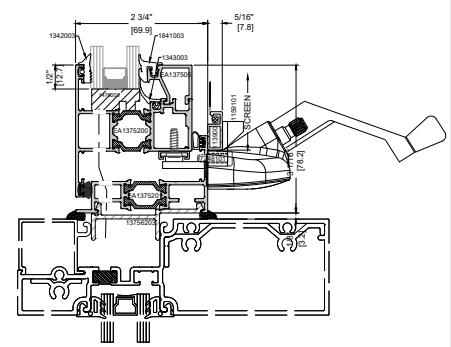
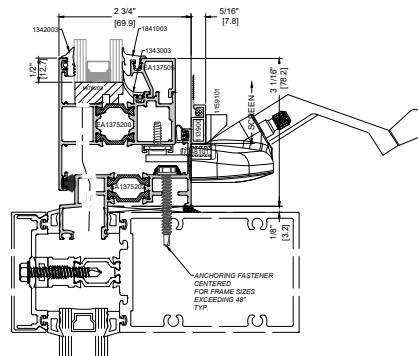
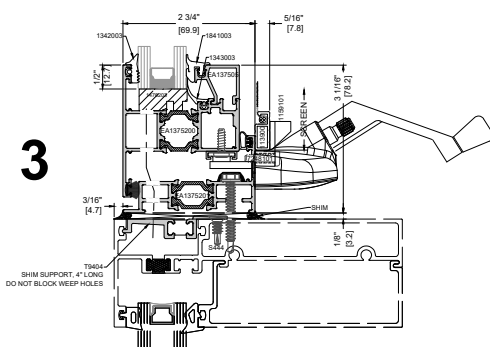
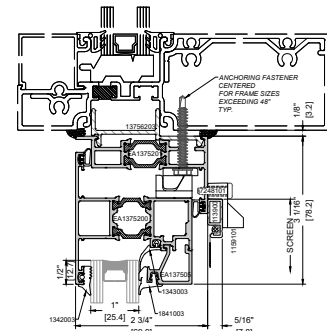
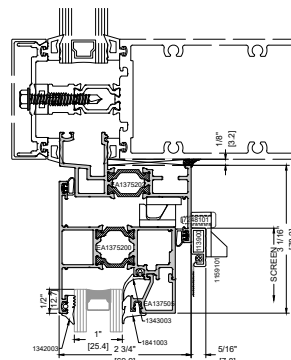
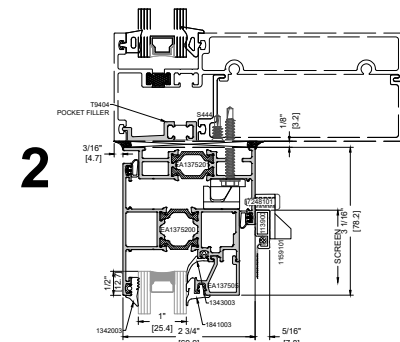
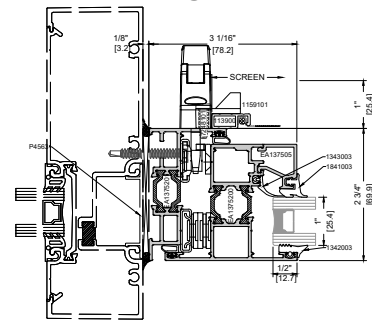
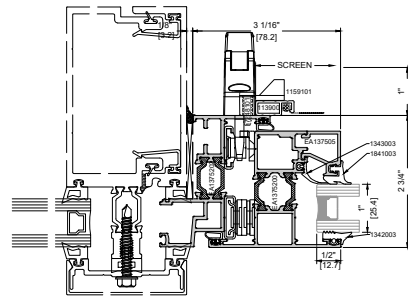
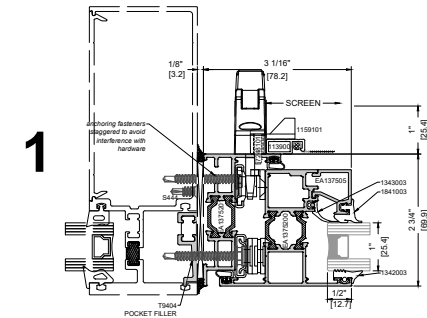
	ROTO-MPL	CAM HANDLES
*MIN DIMENSIONS	19 5/8" x 21" [498 x 533]	16" x 16" [406 x 406]
*MAX DIMENSIONS	66" x 36", [1676 x 914] or 60" x 36" [1524 x 914] 36" x 78", [914 x 1981]	36" x 54" [914 x 1372]
SCREEN	OPTION	OPT. (wicket)
MAX OPENING	2 1/4" < 30 5/8" W [57 < 778] 7 1/2" > 30 5/8" W [191 > 778]	VARIES
LIMITED OPENING	OPTION @ 4" [102]	OPTION @ 4" [102]
CUSTODIAL LOCK	OPTION	N/A

*Based on (DLO) dimensions
[] Dimensions in brackets are in [mm] millimeters

Window Wall Integration

Curtain Wall Integration

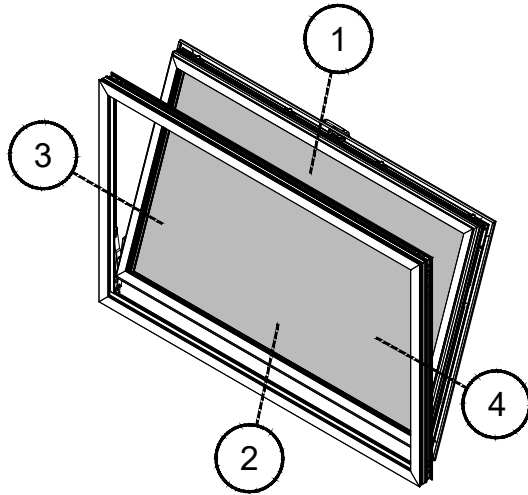
Storefront Integration



Standard Details
1/4 scale

March 2022

HOPPER INFORMATION



*MIN DIMENSIONS

*MAX DIMENSIONS

SCREEN

MAX OPENING

LIMITED OPENING

CUSTODIAL LOCK

MPL

16" x 16" [406 x 406]

66" x 36" [1676 x 914] or

36" x 60" [914 x 1524]

OPTION

VARIES

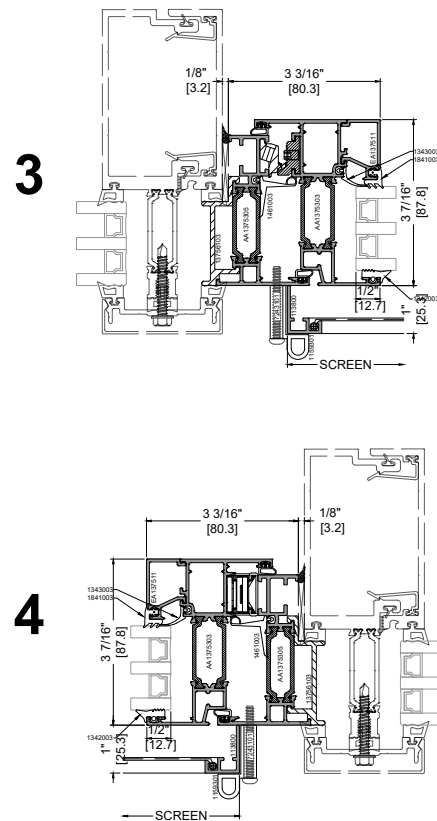
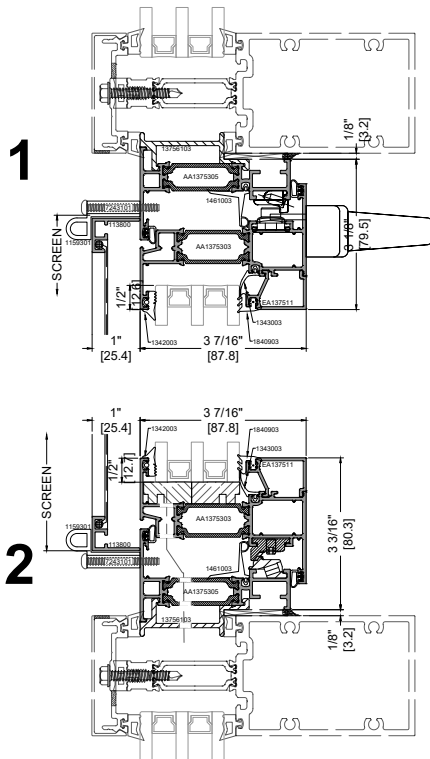
OPTION @ 4" [102]

OPTION

*Based on (DLO) dimensions

[] Dimensions in brackets are in [mm] millimeters

Curtain Wall Integration



March 2022

Standard Details
1/4 scale

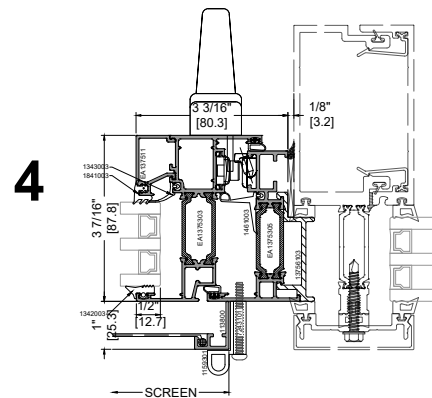
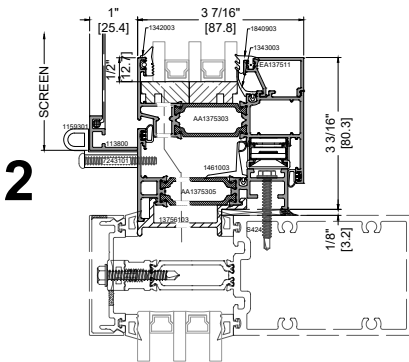
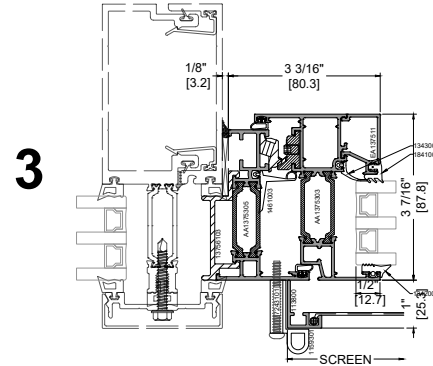
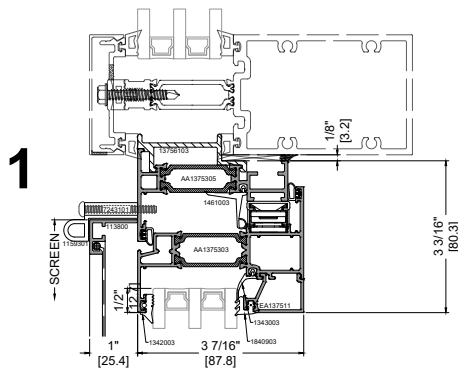
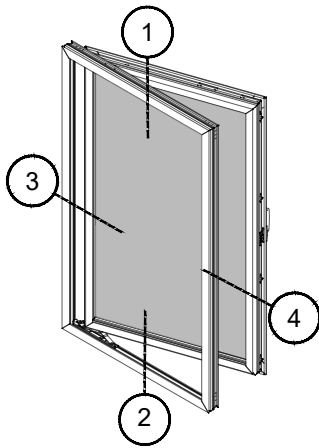
PI CASEMENT INFORMATION

	MPL
*MIN DIMENSIONS	16" x 16" [406 x 406]
*MAX DIMENSIONS	36" x 60" [914 x 1524] or 32" x 72" [813 x 1829]
SCREEN	OPTION
MAX OPENING	VARIES
EGRESS	OPTION
LIMITED OPENING	OPTION @ 4" [102mm]
CUSTODIAL LOCK	OPTION

*Based on (DLO) dimensions

**Width/Height ratio exceeding 65% is not recommended
[] Dimensions in brackets are in [mm] millimeters

Curtain Wall Integration



March 2022

Standard Details
1/4 scale

HOPPER INFORMATION

MPL

*MIN DIMENSIONS

16" x 16" [406 x 406]

*MAX DIMENSIONS

72" x 38" [1829 x 965] or

36" x 60" [914 x 1524]

SCREEN

OPTION

MAX OPENING

VARIES

LIMITED OPENING

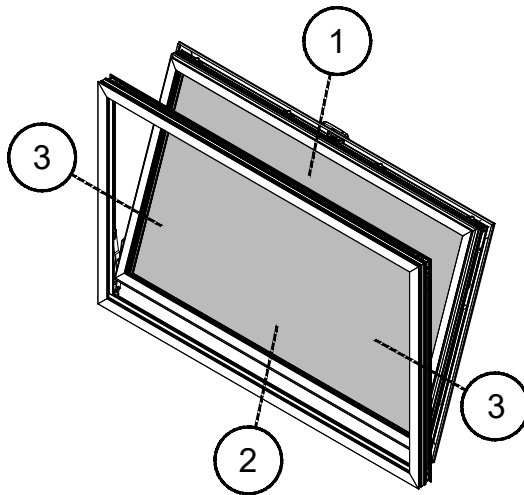
OPTION @ 4" [102]

CUSTODIAL LOCK

OPTION

*Based on (DLO) dimensions

[] Dimensions in brackets are in [mm] millimeters

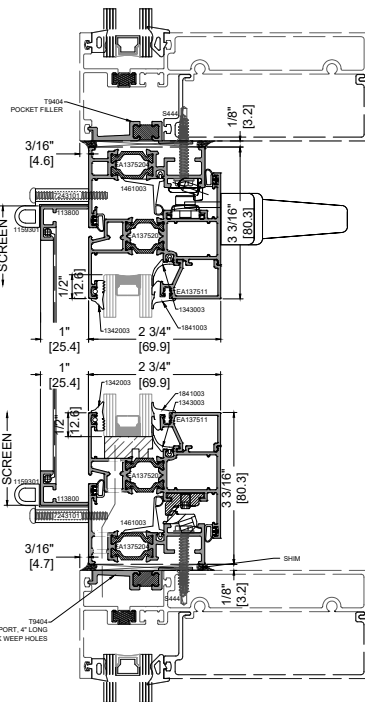


Window Wall Integration

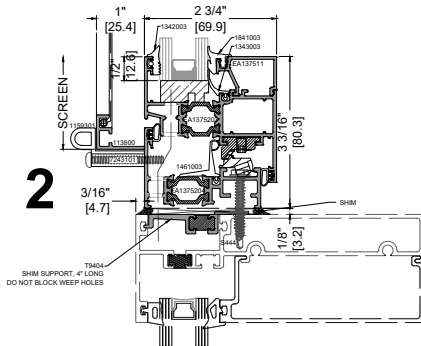
Curtain Wall Integration

Storefront Integration

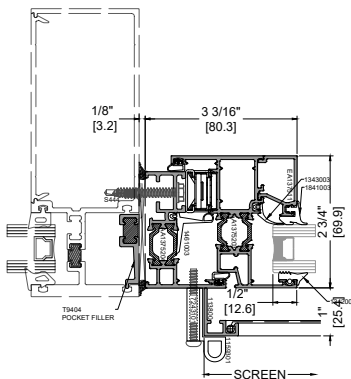
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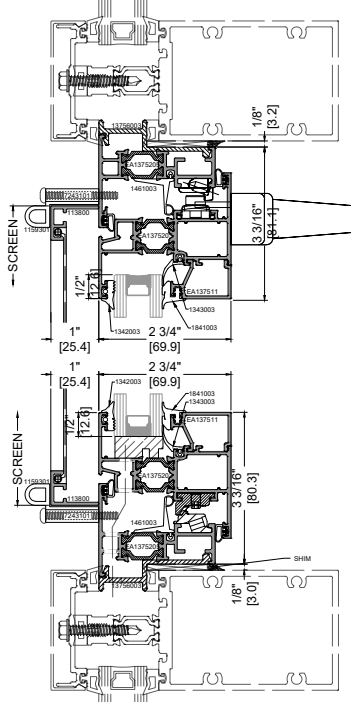
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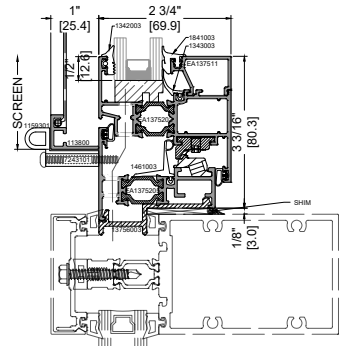
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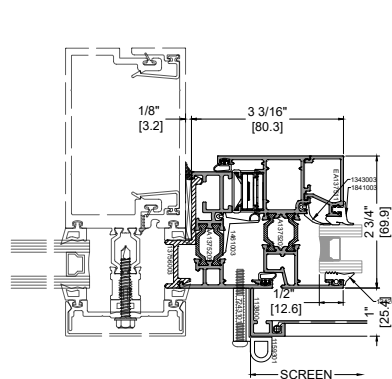
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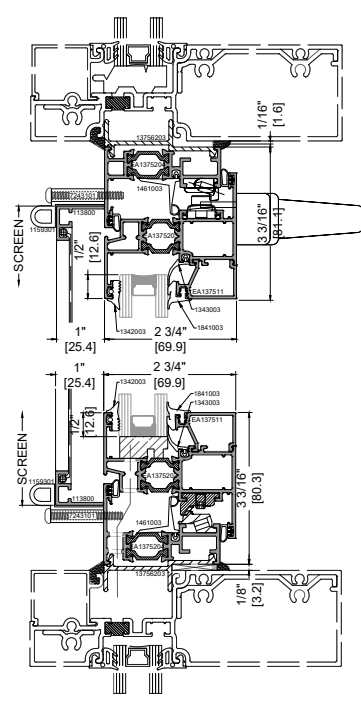
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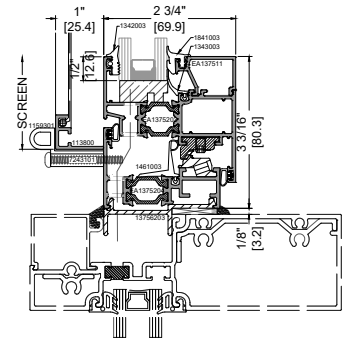
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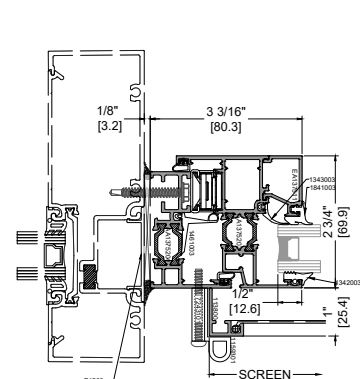
1



2



3


Standard Details
1/4 scale

March 2022

PI CASEMENT INFORMATION

MPL

*MIN DIMENSIONS

16" x 16" [406 x 406]

*MAX DIMENSIONS

36" x 64" [914 x 1626] or
28" x 84" [711 x 2134]

SCREEN

OPTION

MAX OPENING

VARIES

EGRESS

OPTION

LIMITED OPENING

OPTION @ 4" [102]

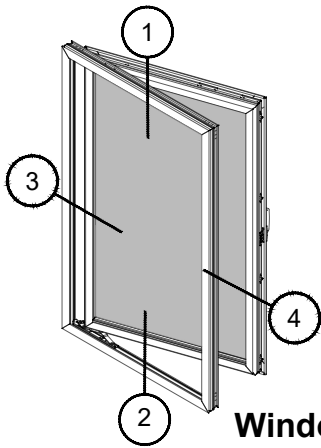
CUSTODIAL LOCK

OPTION

*Based on (DLO) dimensions

**Width/Height ratio exceeding 65% is not recommended

[] Dimensions in brackets are in [mm] millimeters

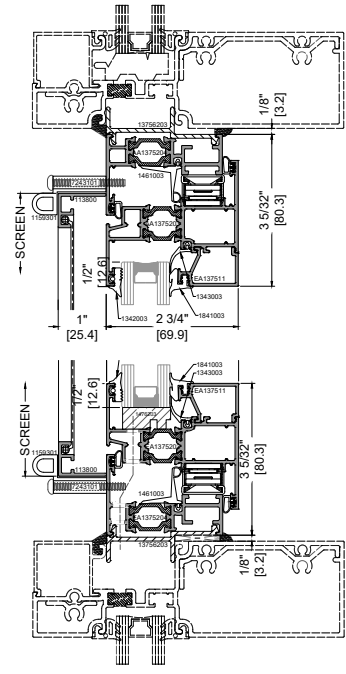
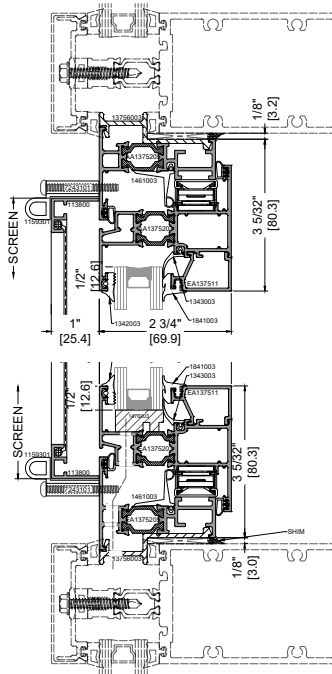
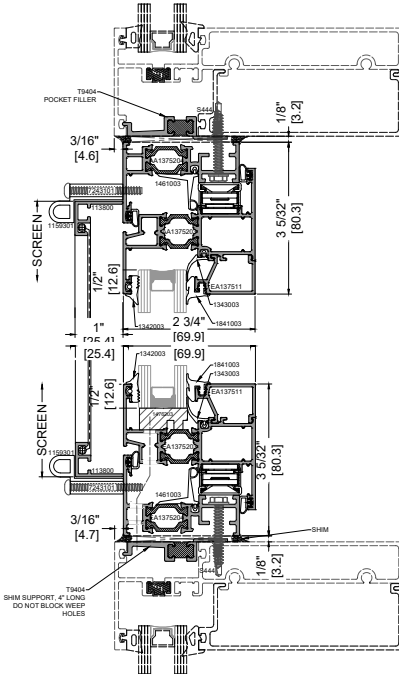


Window Wall Integration

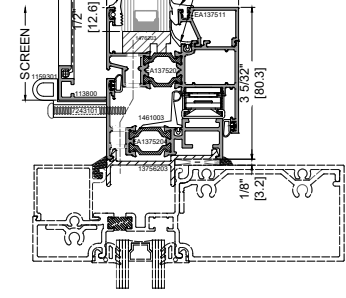
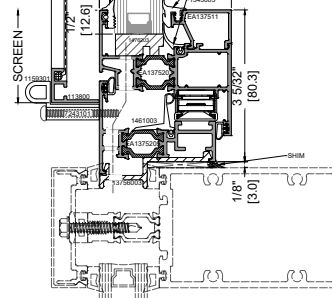
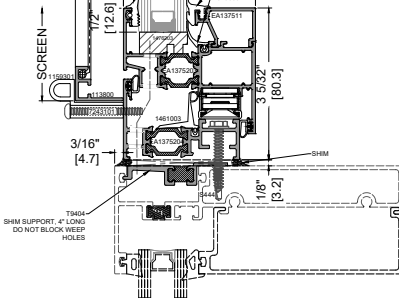
Curtain Wall Integration

Storefront Integration

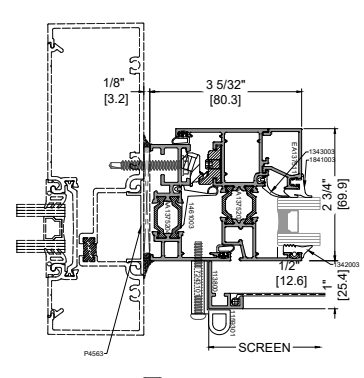
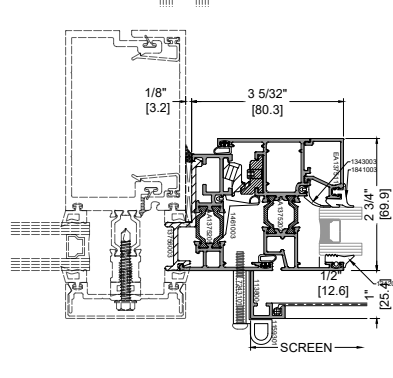
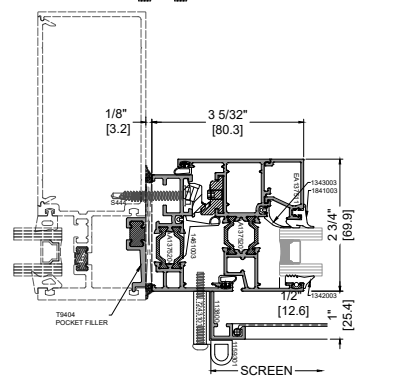
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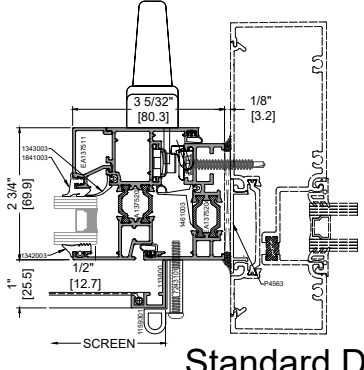
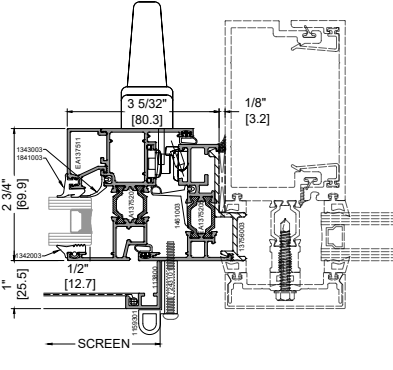
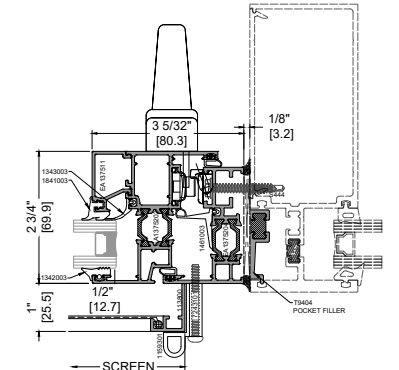
2



3



4



March 2022

Standard Details
1/4 scale