E F C O C O R P O R A T I O N

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Series 6555 Thermal • Series 6620 Fixed Thermal 3 ⅞" Heavy Commercial Horizontal Sliding Window

Manufacturer Of Architectural And Commercial Grade Windows, Curtain Walls, Entrances, And Storefronts

EFCO CORPORATION
1000 COUNTY RD
MONETT, MO 65708
800.221.4169

Configurations OX • XO • OXO • XOX

Series 6555 and 6620 retains an AAMA Heavy Commercial and Architectural Grade rating to meet the most demanding specifications. The 6555 and 6620 window system is an attractive product for a wide range of applications. Multiple glazing options provide flexibility to meet specific design requirements. E-Strut™ thermal isolators provide outstanding thermal performance and dual finish capability. Offered with a complete line of sub frames, mullions and architectural sills, the 6555 and 6620 window provides the complete solution for your fenestration needs.

Features	*Benefits*
Thermally isolated system uses EFCO E-Strut™	Dual finish capability Improved thermal performance Completely eliminates dry shrinkage
Continuous interlock at the sash meeting rail	Offers superior weathering and structural performance
Three sill heights available	Water resistance performance customized to project requirements
Accommodates glazing units from ⅛" to 1 ¼" depth	Expands design and energy saving options
Dual glazing with optional integral blinds	Improved energy savings and interior light or privacy control with low maintenance
Sash glides on tandem steel ball bearing rollers over a raised sill track	The raised sill track minimizes the effect of dirt and debris build-up on the sill
Trim-All® panning available	Allows matching of existing sight lines in restoration projects
Accessory line of subframes, mullions, and architectural sills	Allows custom designs with standard product
Anodized or painted finishes available	Unlimited options to answer economic and aesthetic concerns

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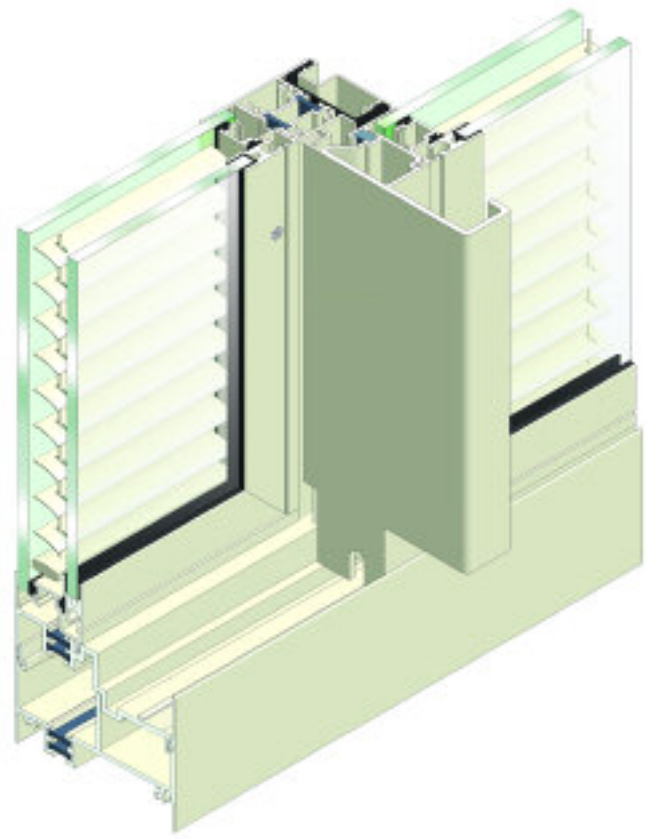
Series 6555 Thermal • Series 6620 Fixed Thermal
3 ⅞" Heavy Commercial Horizontal Sliding Window



Performance Data

S-6555 Horizontal Sliding Window Architectural Grade

AAMA Rating (NAFS-02)	HS-AW55
Air Infiltration	<.18 cfm/sf @ 6.24 psf
Water	No Leakage @ 15.0 psf
Structural	±85.5
CRF-Frame (1503-98)	60[D]
CRF-Glass (1503-98)	62[D]
U-Value (1503-98)	.62[D]
U-Value (NFRC-97)	.61[D]

S-6620 Corresponding Fixed Window Architectural Grade

AAMA Rating (101-97)	F-AW80
Air Infiltration	<.06 cfm/sf @ 6.24 psf
Water	No Leakage @ 15.0 psf
Structural	±120 psf
CRF-Frame (1503-98)	69[D]
CRF-Glass (1503-98)	59[D]
U-Value (1503-98)	.61[D]
U-Value (NFRC-97)	.56[D]

A = Estimated values and/or designations
B = Non-standard size or configuration
C = Dual glazed
D = 1" Insulated - 1/4" clear, 1/2" air, 1/4" clear
E = 1" Insulated - 1/4" clear (Low Emissivity), 1/2" air, 1/4" clear
F = 1" Insulated - 1/4" clear (Low Emissivity), 1/2" argon, 1/4" clear
G = 1" Insulated - 1/4" clear, 1/2" air, 1/4" clear (Low Emissivity)

S-6555 Hardware Chart	Concealed Plunger Lock	Sweep Lock	Auto Jamb Lock	Pole Ring Sweep Lock	Pole Socket	Access Controlled Sweep Handle	Zinc Plated Steel Ball Bearing Rollers	Stainless Plated Steel Ball Bearing Rollers
Horizontal Sliding	S	0		0	0	0	S	0

Some size restrictions may apply depending on hardware selected.

0 -Optional
S--Standard
blank - N/A

Horizontal Sliding S-6555 Glazing Chart		Polycarbonate			Glass or Panel															
		1/8"	3/16"	1/4"	1/8"	.156"*	3/16"	.200"*	1/4"	1/4"**	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-1/2"	1-3/4"	2"
Monolithic & Insulated Glass						A	A	A	A		A		A	A	A	A	A			
Dual Glazing	Exterior Lite						I	I	I											
	Interior Lite						A	A	A											

*-Obscure Glass Thickness
**-Laminated Glass Thickness
A -Available Glazing Option
blank - N/A

Fixed S-6620 Glazing Chart		Polycarbonate			Glass or Panel															
		1/8"	3/16"	1/4"	1/8"	.156"*	3/16"	.200"*	1/4"	1/4"**	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-1/2"	1-3/4"	2"
Monolithic & Insulated Glass			A	A			A	A	A	A	A	A	A		A	A	A	A	A	A
Dual Glazing	Exterior Lite	I	I	I	I	I	I	I	I	I	I	I					A			
	Interior Lite						A	A	A											

Series 6555 Thermal • Series 6620 Fixed Thermal
3 ⅞" Heavy Commercial Horizontal Sliding Window

Frame Construction

The frame has a depth of 3 7/8" and is constructed of 6063-T6 aluminum alloy. The nominal material wall thickness for the frame is .062", or greater, and the sill has a nominal wall thickness of .094". Corners are of screw spline construction and sealed. See Illustration 1.

Sash Frame Construction

The sash consists of aluminum members with .062" nominal material wall thickness of 6063-T6 alloy. Corners are of screw spline construction and sealed. Sash verticals telescope into sash horizontals. A cam sash design and continuous interlock at the sash meeting rail offer superior weathering and structural performance. See Illustration 2.

Weather Stripping

Perimeter of sash is weather-stripped with Q-Lon®. Two holes or slots through the window sill facilitate weepage.

Screens

Half screens are mounted inset within the window frame. Screen frames are extruded 6063-T6 aluminum alloy. 18 x 16 mesh screens are available in fiberglass and .011" diameter aluminum. 18 x 18 mesh screens are available in .009" diameter stainless steel.

Thermal Barrier

All thermally isolated members use two thermal struts, consisting of glass reinforced polyamide nylon, mechanically crimped in raceways extruded in the exterior and interior extrusions. See Illustration 3.

Hardware

A concealed plunger lock at sash meeting rail with a flush mounted actuating handle is standard. Optional sweep locks, access controlled sweep locks, pole ring sweep locks, and keepers are of cast white bronze with a US25D finish. The sash glides on steel ball bearing rollers over a raised sill track ensuring smooth operation and minimizing the effects of debris and dirt build-up on the sill. See the Hardware Chart for available hardware types.

Glazing

Windows are inside glazed with an extruded aluminum snap-in glazing bead. Glazings of 1/8" to 1 1/4" are accommodated. Dual glazing is also available with 3/16" and 1/4" glass. 5/8" blinds between the glass are available with dual glazed windows. See the Glazing Chart for the exact size.

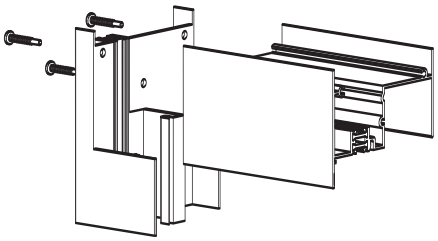


Illustration 1

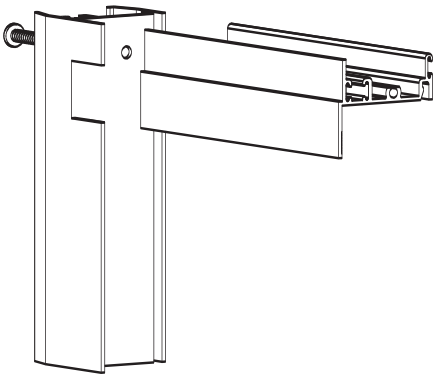


Illustration 2

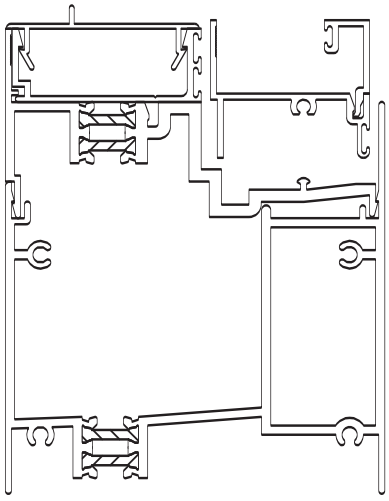


Illustration 3

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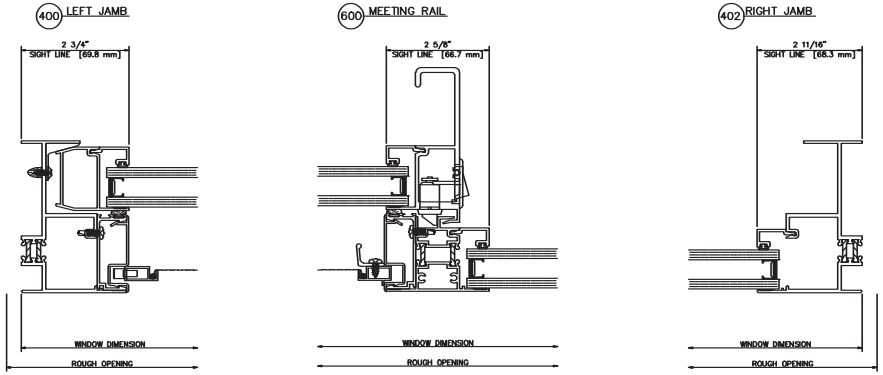
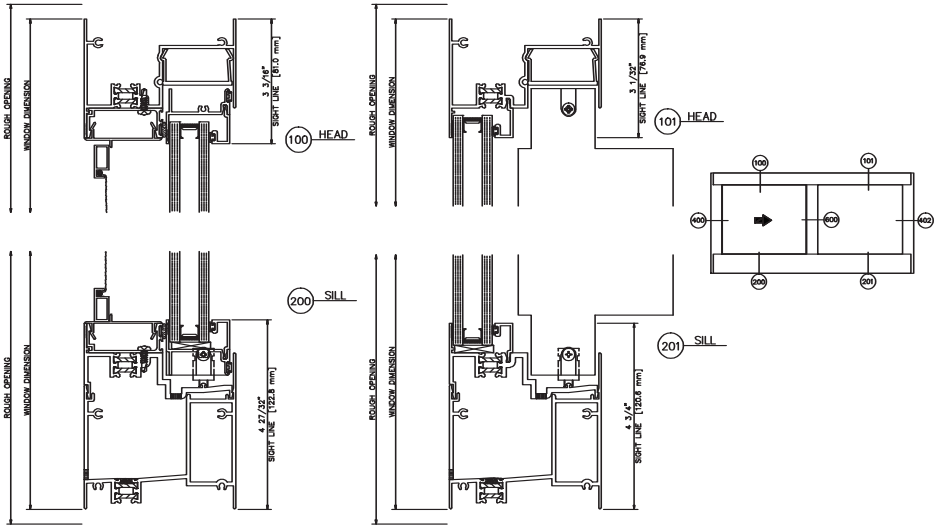
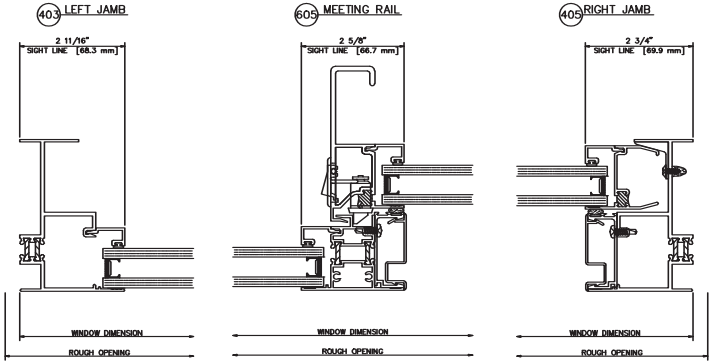
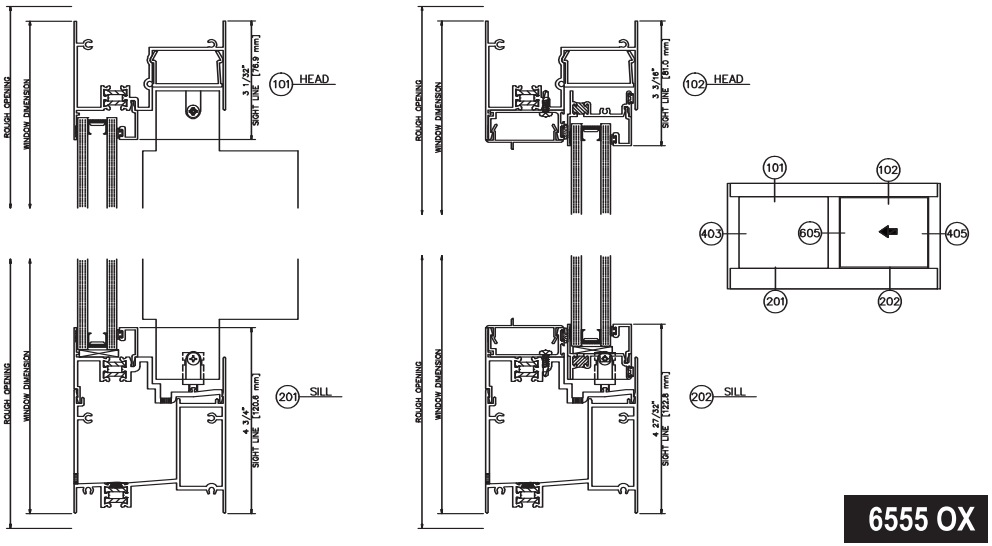




6555 XO

Inside Glazed





6555 OX

Inside Glazed

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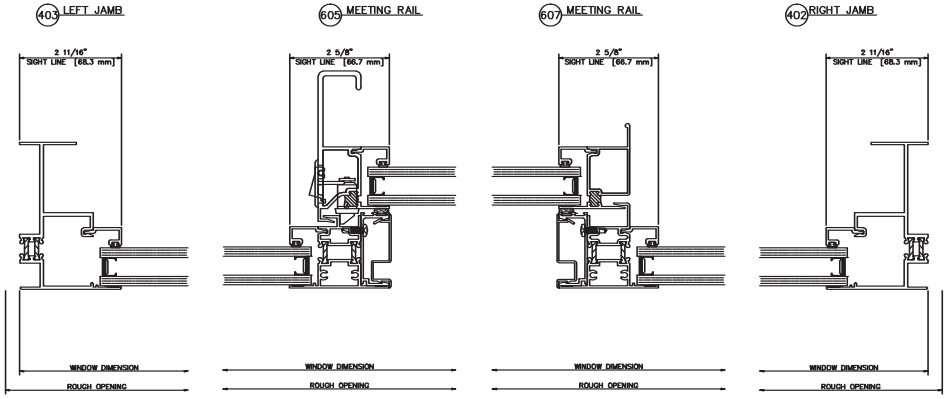
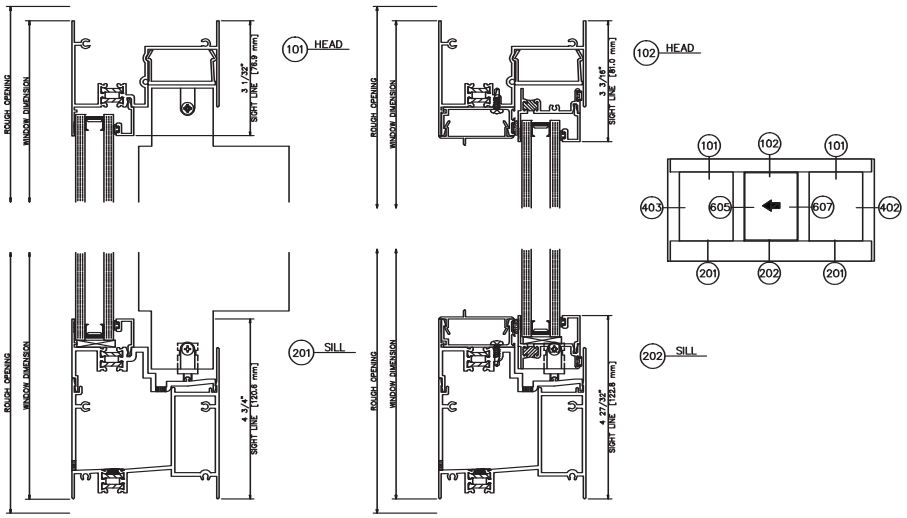
6555 OXO

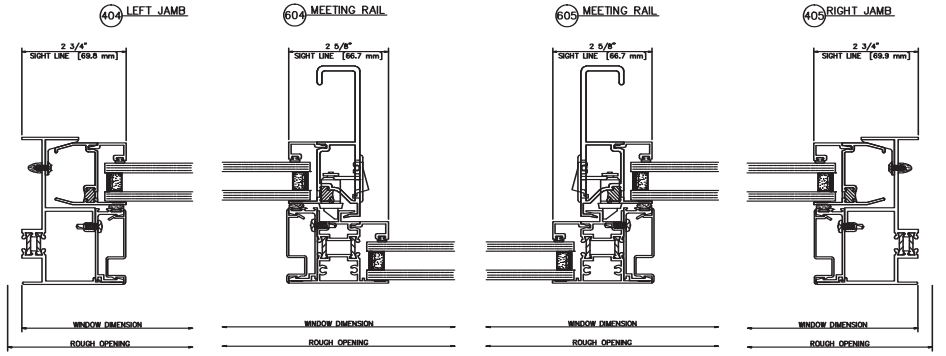
Inside Glazed

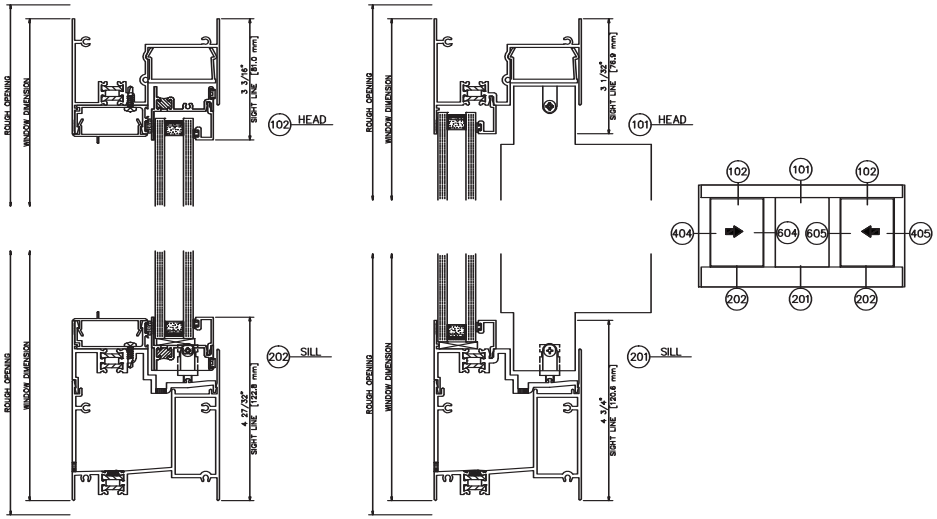




6555 XOX

Inside Glazed





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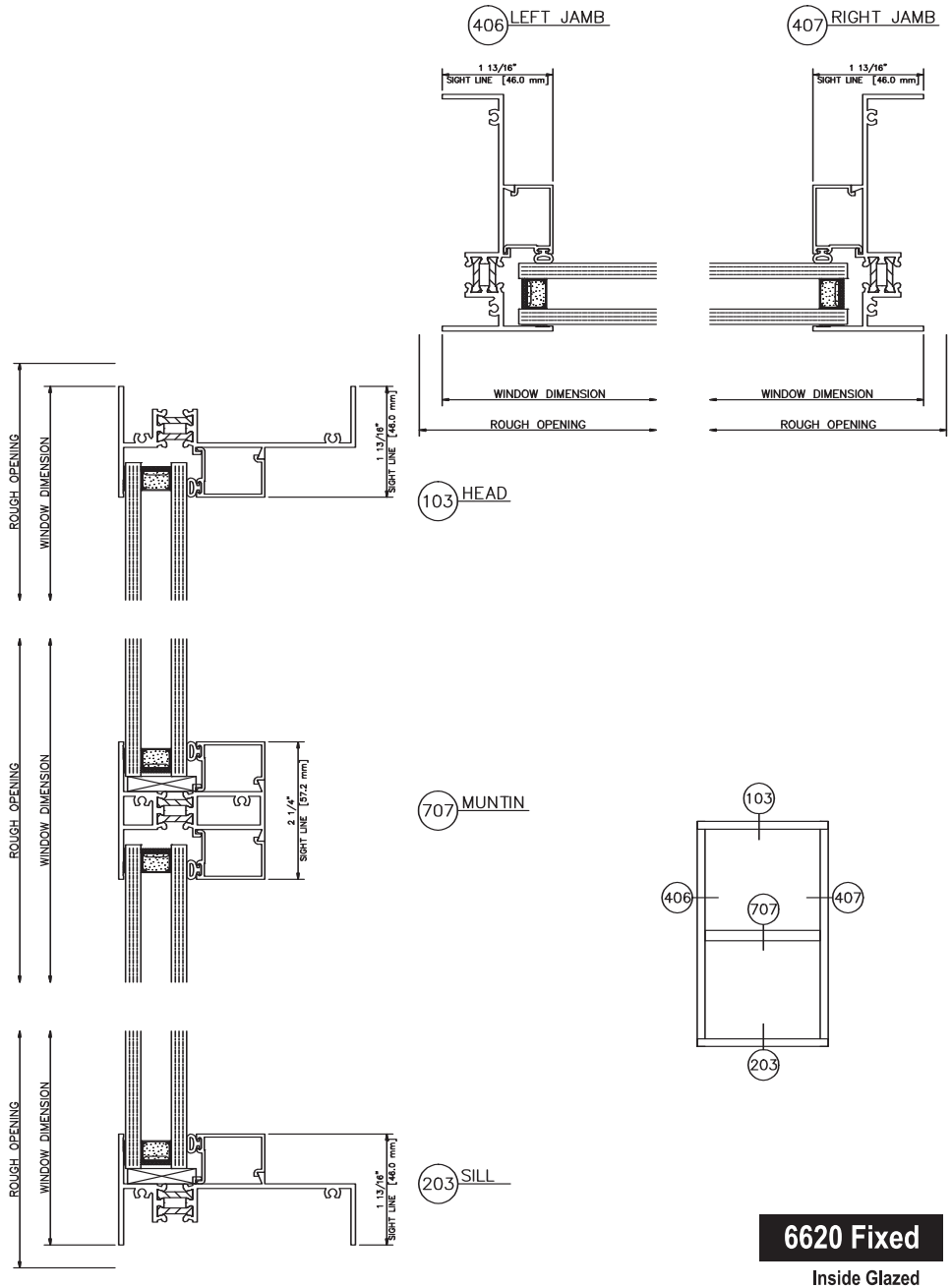
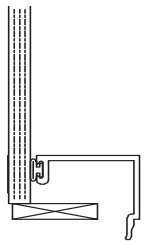


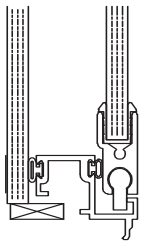
6620 Fixed

Inside Glazed

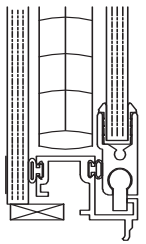
1/4"
MONOLITHIC



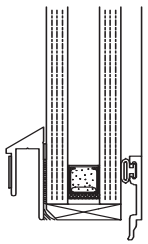
ER65 – 1/4"
INTERIOR PANEL
1/4" MONOLITHIC



ER65 – 1/4"
INTERIOR PANEL
5/8" BLIND
1/4" MONOLITHIC



7/8" INSULATED
1/4"–1/4"
WITH GRID



6555 Glazing