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EFCO CORPORATION  
1000 COUNTY RD  
MONETT, MO 65708  
800.221.4169



## **System 960** **1 3/4" Thermal Clip Storefront System**

### **Configurations** Shear Block • Screw Spline

System 960 has a face dimension of 1 3/4" and system depths from 2 3/4" to 8 1/8". The 960 thermal clip storefront system is an exterior glazed system with glazing available from 1/4" to 1" thick. System 960 is compatible with all EFCO entrances. Two fabrication and erection options are available, providing versatility and labor savings.

### **Features**

Celcon clip thermal barrier

Glazing retaining leg on thermal clip

Face cap

Vertical mullions accept steel reinforcement

Butt glazed vertical mullions

Water deflectors used at intermediate horizontals

Uniform glazing gasket is used for exterior and interior

Door framing members available in various system depths

Accessory line of subframes, pocket fillers, vent adaptors, steel reinforcements, etc

Anodized or painted finishes available

### **Benefits**

Better U-Value performance  
Enhances energy savings potential

Permits easy temporary glazing of the system

Allows dual finish capability  
Designer profiles for custom look with standard product

Enhanced structural performance

Increased design options

Directs moisture out to the face cap and out the weep holes

Allows optimized use of gasket  
Simplifies ordering and installation

Compatible with all 1 3/4" EFCO entrances  
Contact EFCO Applications Department for 2" entrances

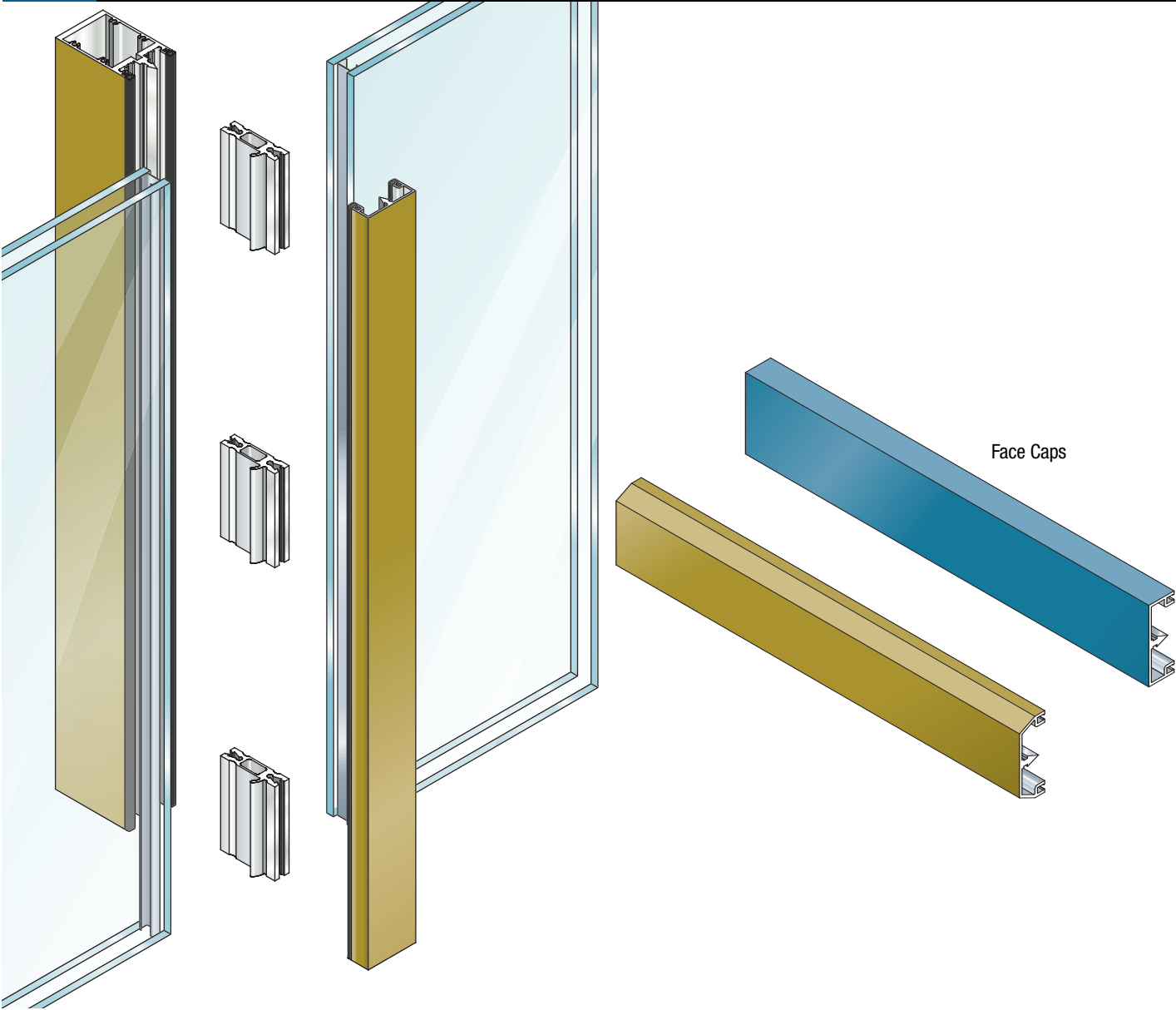
Makes custom design options available at a lower cost

Unlimited options to answer economic and aesthetic concerns



# System 960

## 1 3/4" Thermal Clip Storefront System



### Performance Data

| System 960 Wall Storefront Screw Spline Framing |                        |
|-------------------------------------------------|------------------------|
| Air Infiltration                                | <.06 cfm/sf @ 6.24 psf |
| Water                                           | No Leakage @ 12.0 psf  |
| Structural                                      | See wind load charts   |
| CRF-Frame (1503-98)                             | 75 <sup>E</sup>        |
| CRF-Glass (1503-98)                             | 71 <sup>E</sup>        |
| U-Value (1503-98)                               | .46 <sup>E</sup>       |
| U-Value (NFRC-102)                              | .42 <sup>E</sup>       |

| System 960 Wall Storefront Shear Block Framing |                        |
|------------------------------------------------|------------------------|
| Air Infiltration                               | <.06 cfm/sf @ 6.24 psf |
| Water                                          | No Leakage @ 12.0 psf  |
| Structural                                     | See wind load charts   |
| CRF-Frame (1503-98)                            | 75 <sup>A, E</sup>     |
| CRF-Glass (1503-98)                            | 71 <sup>A, E</sup>     |
| U-Value (1503-98)                              | .46 <sup>A, E</sup>    |
| U-Value (NFRC-102)                             | .42 <sup>A, E</sup>    |

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)

**Glazing**  
System 960 Wall is dry glazed with preset EPDM gasket. The gaskets are installed in extruded raceways in the cover and structural members. Glazing of 1/4" to 1-1/16" infill panels are accommodated. See Glazing Chart below for exact size.

| System 960 Wall Glazing Chart | Polycarbonate |      |       | Glass or Panel |      |         |       |       |      |       |      |      |      |        |    |         |
|-------------------------------|---------------|------|-------|----------------|------|---------|-------|-------|------|-------|------|------|------|--------|----|---------|
|                               | 3/16"         | 1/4" | 5/16" | 3/16"          | 1/4" | 1/4"*** | 5/16" | 7/16" | 1/2" | 9/16" | 5/8" | 3/4" | 7/8" | 15/16" | 1" | 1-1/16" |
| Monolithic Glass              |               | C    | C     |                | C    | C       | C     |       |      |       |      |      |      |        |    |         |
| Insulated Glass               |               |      |       |                |      |         |       |       |      |       |      |      | C    | C      | A  | C       |

\*\*-Laminated Glass Thickness  
A -Available Glazing Option  
C -Adaptor and/or gasket required  
blank - N/A

## System 960

### 1 3/4" Thermal Clip Storefront System



#### Frame Construction

Members are extruded 6063-T6 aluminum alloy with a nominal wall thickness of .080". Corner construction employs screw spline or shear block methods. 1 3/4" sightline with four depths of back members are available (1 9/16", 2 9/16", 4 1-16", and 4 13-16") with a large selection of covers, making this a very versatile system. Depths of 2 3/4" to 8 1/8" can be achieved. See Illustration 1.

#### Door Frames

System 960 Wall offers integral door frames as a part of the framing system. Members are nominally .080" in thickness.

#### Weather Stripping

All entrance frames are weather-stripped with EPDM bulb gasket.

#### Glazing

System 960 Wall is dry glazed with preset EPDM gasket. The gaskets are installed in extruded raceways in the cover and structural members. Glazing of 1/4" to 1 1/16" infill panels are accommodated. See Glazing Chart for exact size.

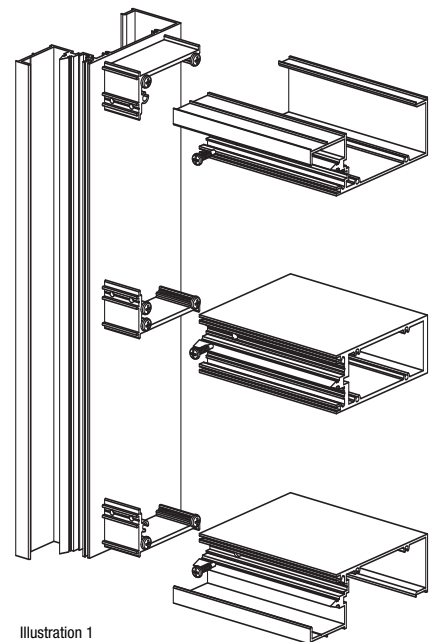
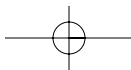
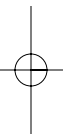
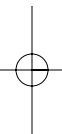
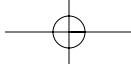


Illustration 1

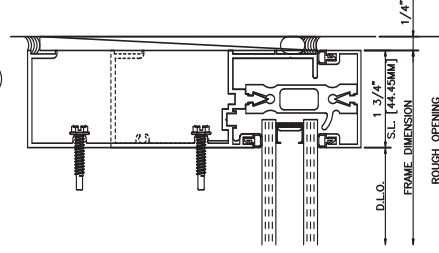
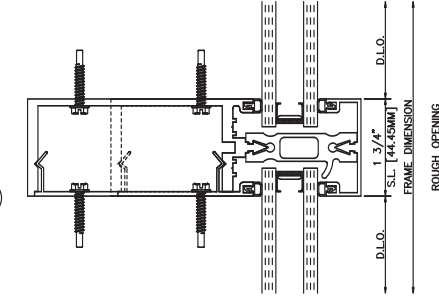
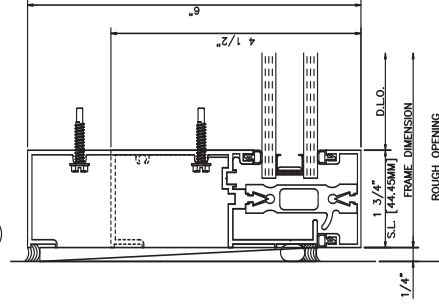


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412 LEFT JAMB

605 VERTICAL

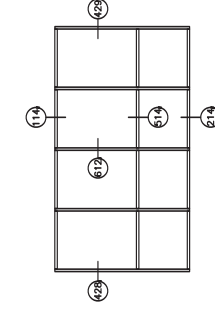
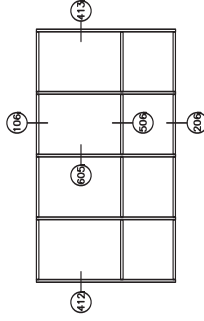
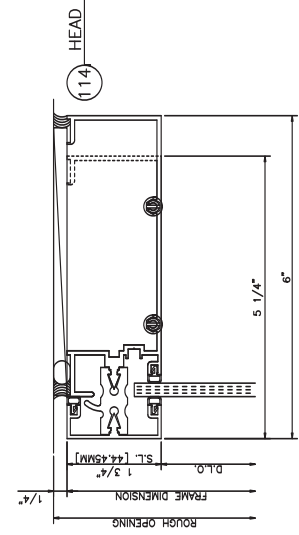
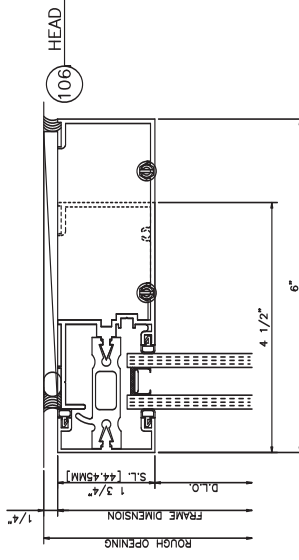
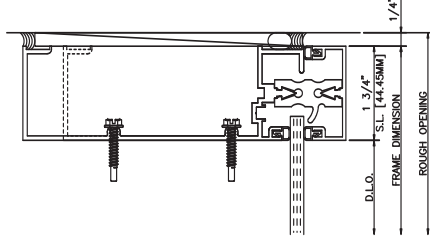
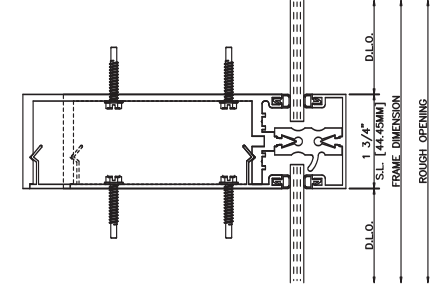
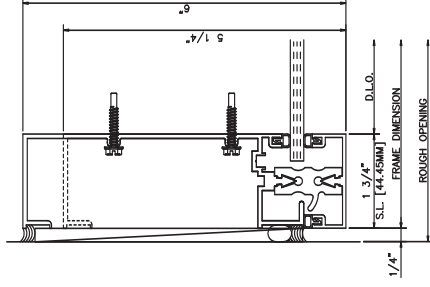
413 RIGHT JAMB



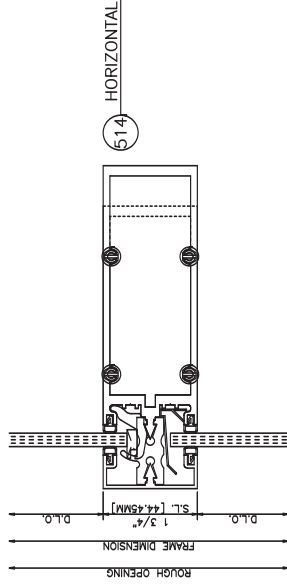
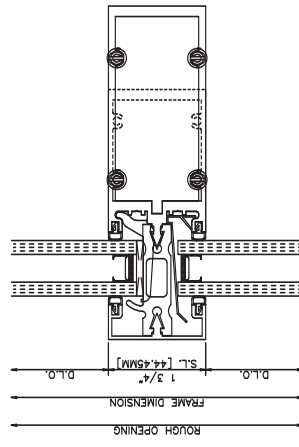
428 LEFT JAMB

612 VERTICAL

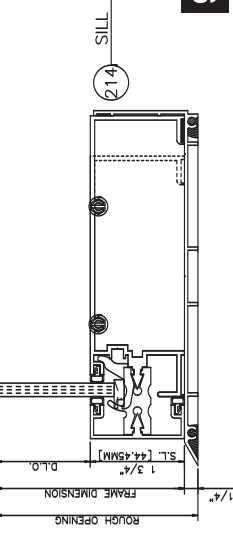
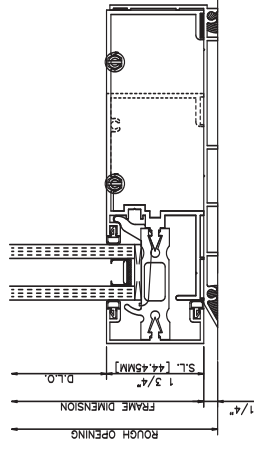
429 RIGHT JAMB



506 HORIZONTAL



206 SILL



## 960 Screw Spline 1" Glazing

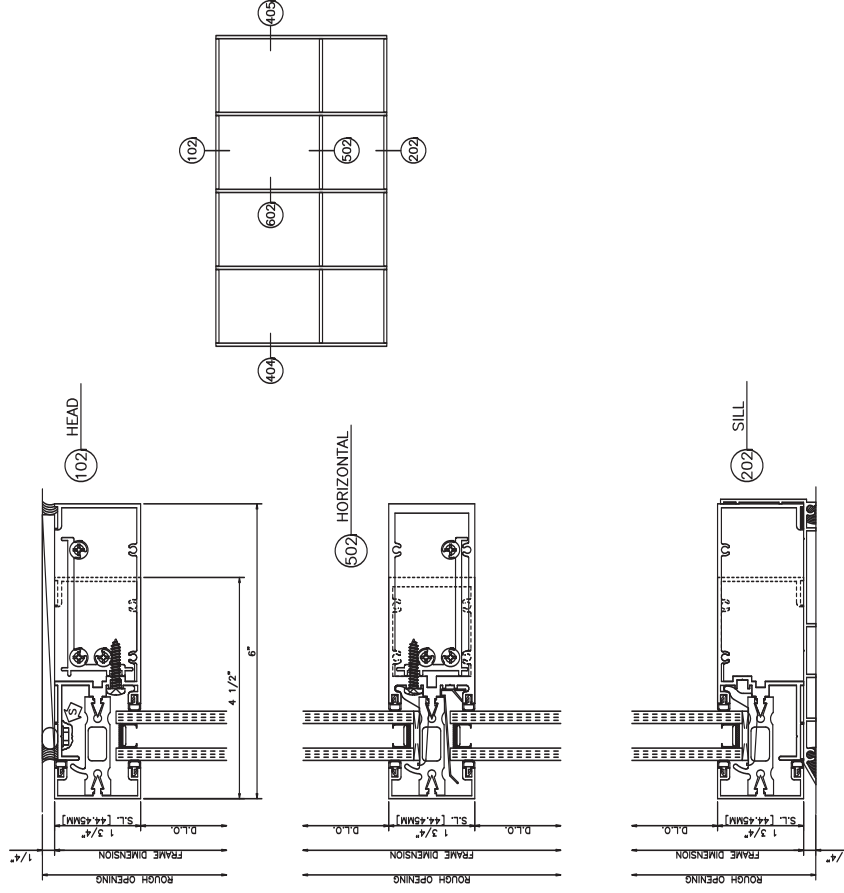
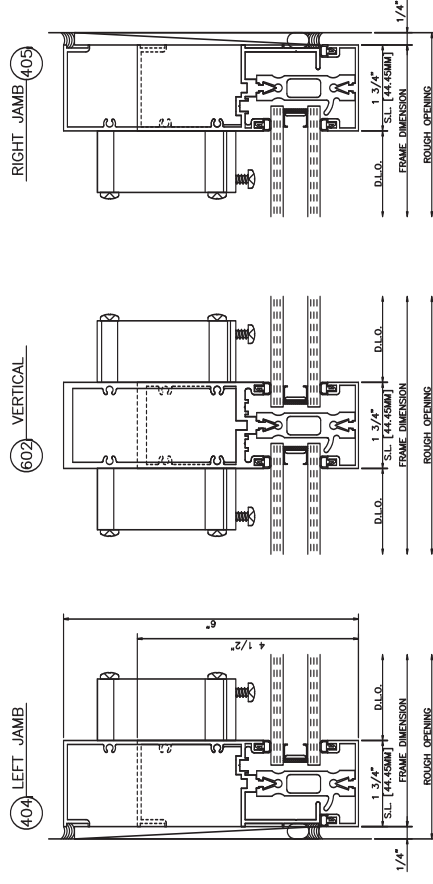
4 1/2" and 6" Depth

## 960 Screw Spline 1/4" Glazing

5 1/4" and 6" Depth

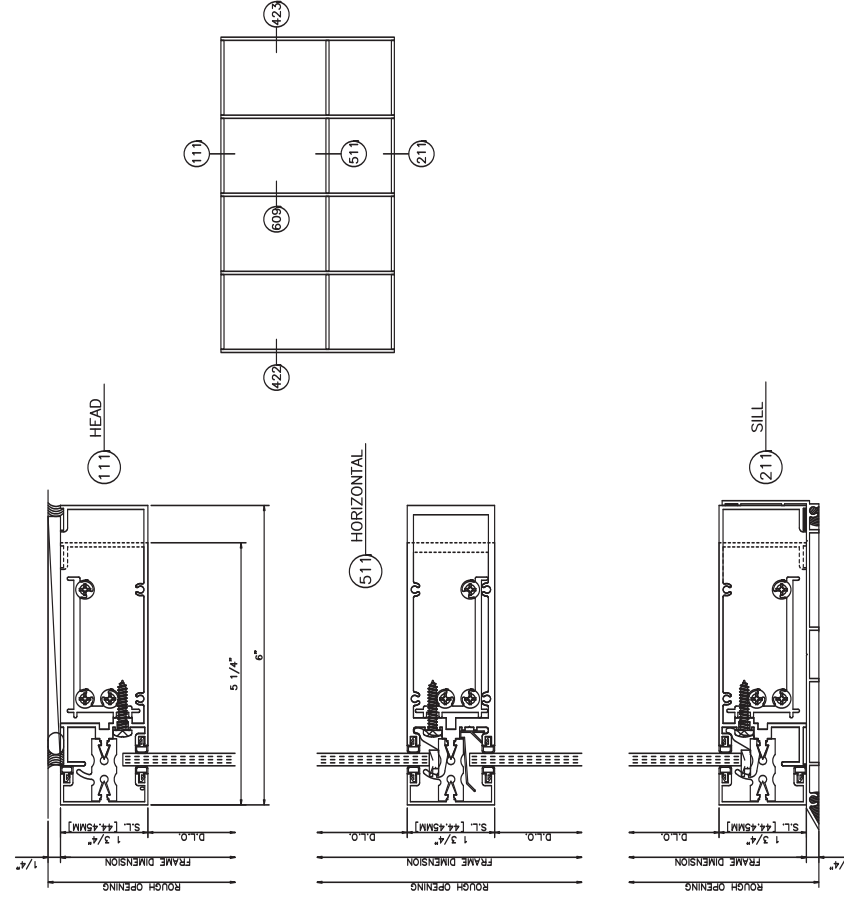
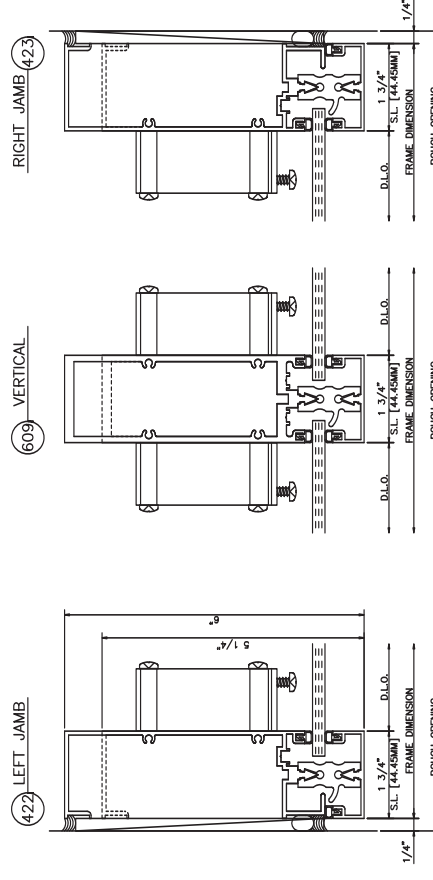
## 960 Shear Block 1" Glazing

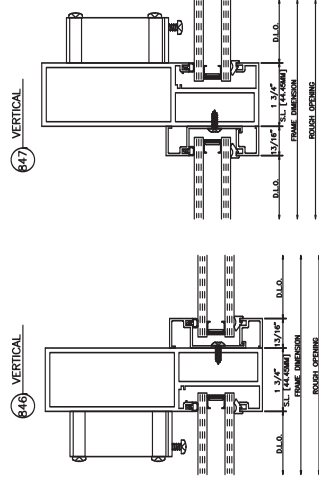
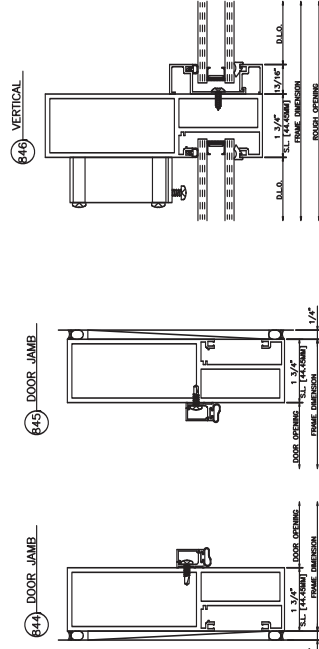
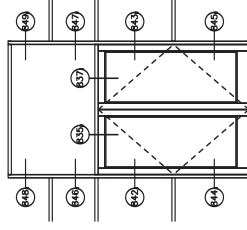
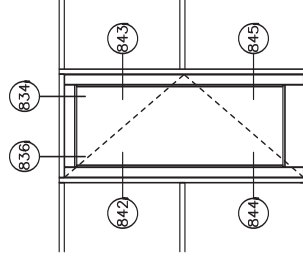
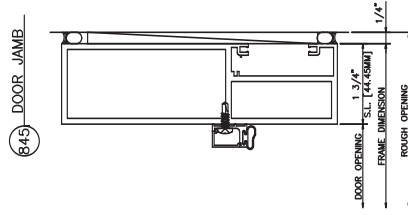
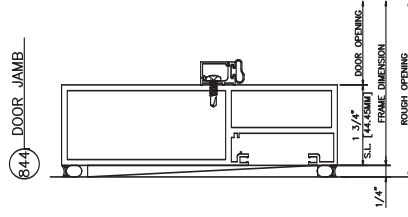
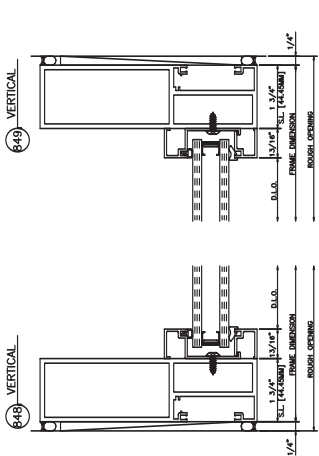
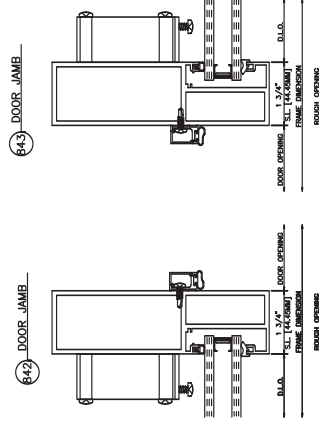
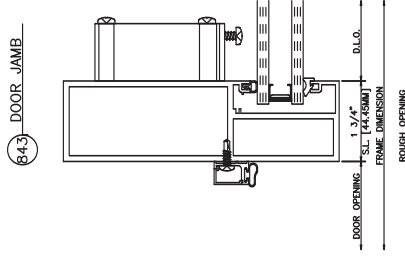
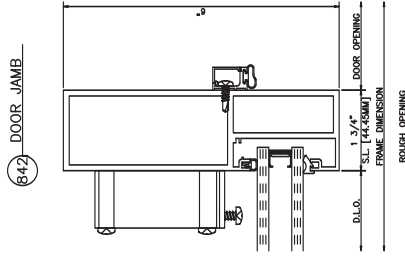
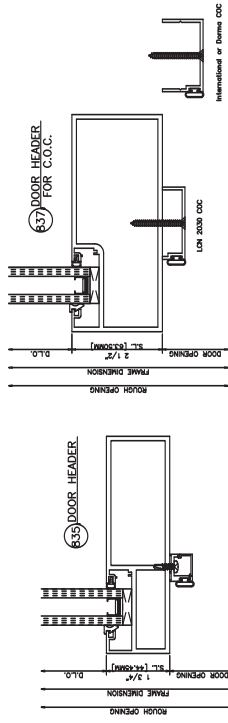
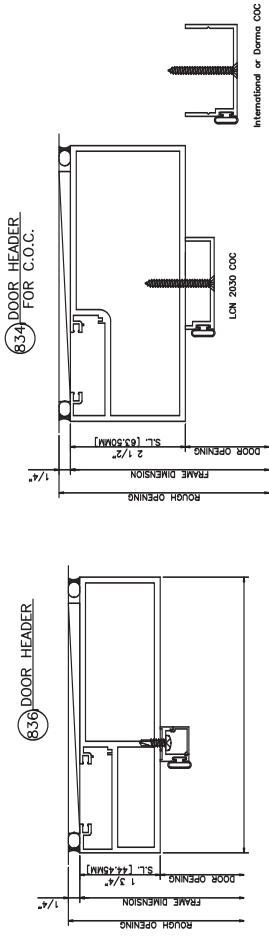
4 1/2" and 6" Depth



## 960 Shear Block 1/4" Glazing

5 1/4" and 6" Depth





960 Door Frames Outside Glazed

6" Depth

960 Double Door Frames w/Transom Outside Glazed

6" Depth

960 Inside Corners

960 Outside Corners

