

# Clad Commercial Door

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# Clad Commercial Door

## Unit Features

Clad 1 3/4" Commercial Door: CCD

Clad 2 1/4" Commercial Door: CMCD

### Frame:

- Frame thickness: 1 1/16" (27).
- Frame width: 4 9/16" (116).
- Optional Steel Frame - 1 3/4" (44) panel door only: 16 gauge with unequal rabbet. 4 3/4" (121), 5 3/4" (146), 6 3/4" (171), 7 3/4" (197) frame width.
- Sill: Standard factory installed thermal barrier saddle low profile .500" (13) by 7.125" (181) sill. Optional; thermal barrier saddle low profile .250" (6) by 7.125" (181) sill. Offset saddle low profile .500" (13) by 7.00" (178) sill with .250" (6) offset. Standard finish: Mill Finish Aluminum.
  - Optional Finish: Dark Bronze Anodized Aluminum, Gold Anodized Aluminum.
  - Optional: No sill.

### Panel:

- Panel thickness: CCD 1 3/4" (44) and CMCD 2 1/4" (57).
- Top rail height:
  - CCD panel: 6" (152).
  - CMCD panel: 8 1/8" (206).
    - Panel core material is solid Pine or follows the species of the door.
- Stile width, locking and hinge stiles are 6" (153) wide with LVL core.
- Bottom rail height: 11 3/8" (289) is solid pine or follows the species of the door.
- Optional 6" (152) intermediate rail is solid pine or follows the species of the door, is centered 26" (660) or 40 5/16" (1024) from bottom of door sill.

### Glass and Glazing:

- Select quality complying with ASM C 1036. Comply with 16 CFR 1201 Safety Standard for Architectural Glazing Materials. Tempered insulating glass IGMA.IGCC certified to performance level CBA when tested in accordance with ASTM E 774.
- Glazing Seal: Tempered insulating glass hermetically sealed placed into an exterior bed of silicone.
- CCD has 3/4" IG with removable interior vinyl glazing stops with clear wood covers, no visible fasteners.
- CMCD has 1" IG with nailed on glazing stops.
- Glazing Method: Tempered Insulating Glass (Altitude Adjusted)
- Glass Type: Clear; Bronze; Gray; Reflective Bronze; Low E2 Argon or without Argon; Low E3 Argon or without Argon; Obscure; Laminated.

### Hardware:

- Hinges: 4 1/2" (114) x 4 1/2" (114) square corner ball bearing hinges. Standard finish color and substrate: Satin Chrome (US26D) over brass substrate.
  - Optional: Bronze finish over Brass substrate (US10A), Solid Brass (US3), Stainless Steel (US32D).
- CCD panel: Three hinges per panel up to 85 9/16" (2173) high, four hinges per panel on doors over 85 9/16" (2173) rough opening.
- CMCD panel: Three hinges per panel up to 85 9/16" (2173) high, four hinges per panel over 85 9/16" (2173), 5 hinges per panel on units over 95" (2413) high. If panel width is greater than 35 13/16" (910), door has 4 hinges.
- No lock no bore is standard.
  - Optional Commercial Hardware Package:
    - Closer, rim device, mortise lock, removable mullion and kick plate.
  - Optional hardware Routs and Preps.
    - Von Duprin Push pad Rim Devices and Trim Sets.
    - Von Duprin Cross Bar Device and Trim Sets.
    - Schlage L Mortise Lock and Trim Sets.
    - Schlage ND Cylindrical locks.
    - Alarm Lock.

## Clad Commercial Door

### Unit Features

#### **Raised/Flat Panel Option:**

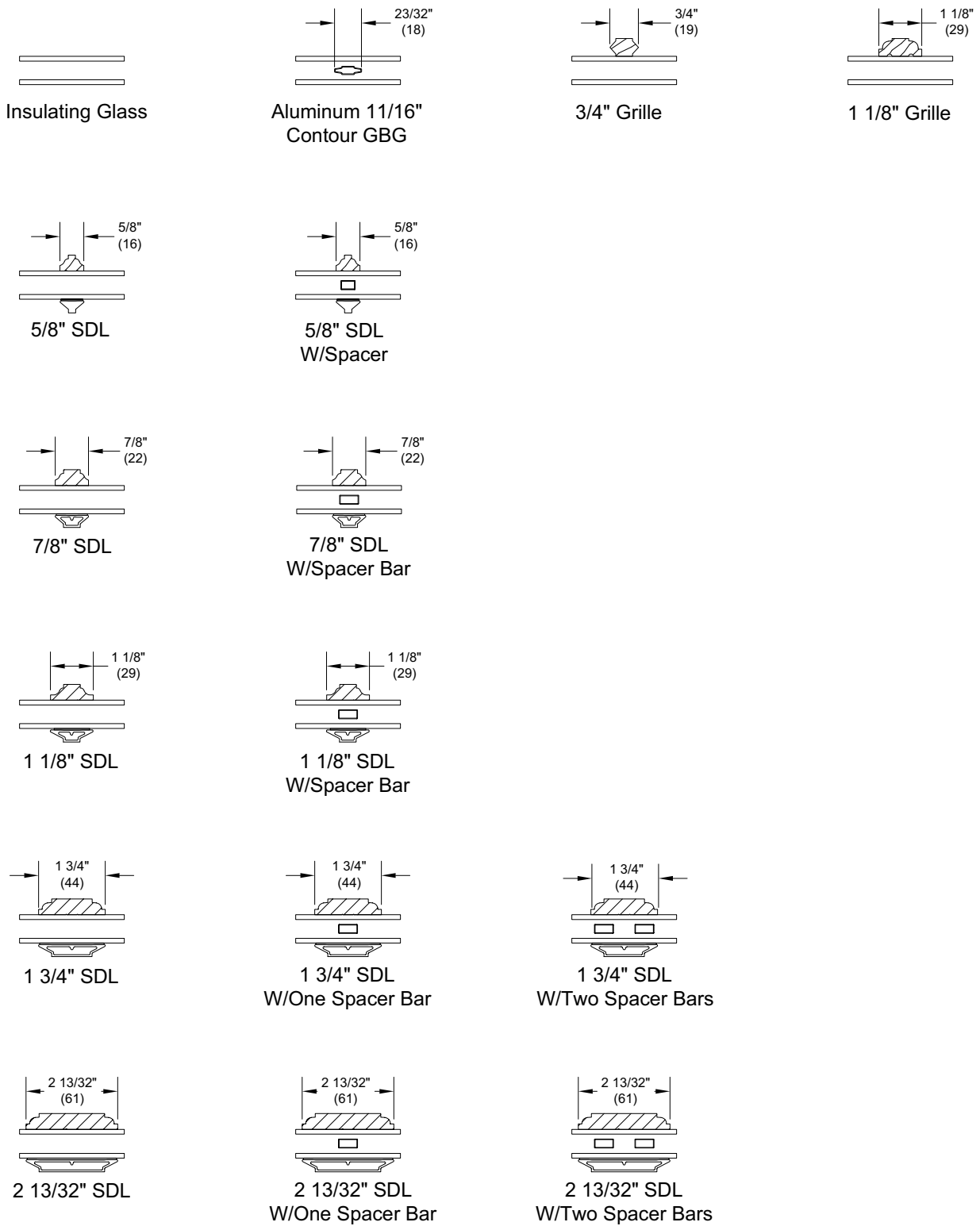
- 6" (152) Intermediate rail is constructed of finger-joint, edge-glued pine, or laminated veneer lumber (LVL) core.
  - Raised or Flat Extira® panel constructed of medium density fiberboard (MDF) core with wood laminate veneer to interior.
  - Exterior Standard Stamped Raised Panel uses .080" (2) aluminum with foam backing.
- Two placement options are available:
  - Low Placement, 26" (660) on center (OC) of 6" (152) intermediate rail from bottom of door sill for a 10 13/16" (275) visible panel height.
  - High Placement, 40 5/16" (1024) OC of 6" (152) intermediate rail from bottom of door sill for a 25 1/8" (638) visible panel height.

#### **Weather Strip:**

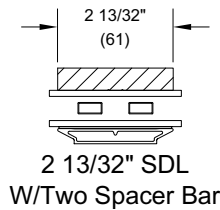
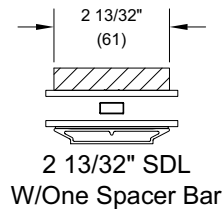
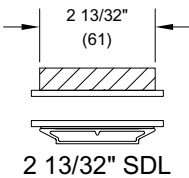
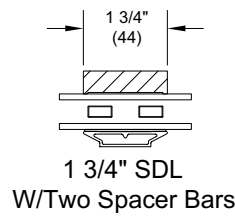
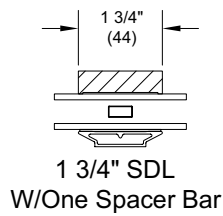
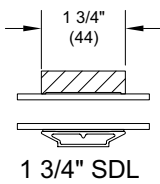
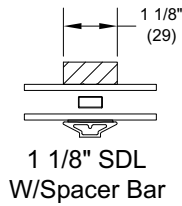
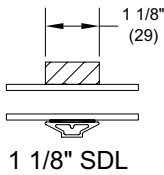
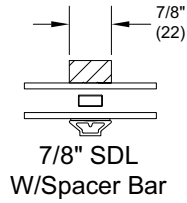
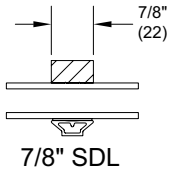
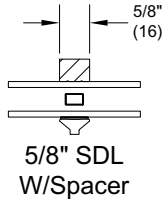
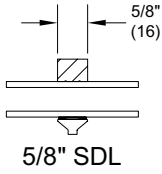
- Beige bulb type weather strip at top rails and hinge stiles.
  - Optional: Black.
- Gray pile type weather strip at locking stiles.
- Clear Anodize aluminum panel drip and sweep across panel bottom.
  - Optional: Bronze or Beige.

# Clad Commercial Door

## Standard Divided Lite Option



**Optional Interior Square Simulated Divided Lite**



**Standard Unit Measurements: 1 3/4" and 2 1/4" Doors**

Standard 1 3/4" Commercial Unit Measurements													
Width													
Unit Type	Call Number	Masonry Opening		Rough Opening		Frame Size		Panel OM		Daylight Opening		Glass Size	
		ft - in	mm	ft - in	mm	ft - in	mm	ft-in	mm	ft - in	mm	ft-in	mm
Sidelite	1-6	1-8 5/8	(524)	1-9 1/8	(537)	1-8 1/8	(511)	1-5 3/4	(451)	0-11 25/32	(299)	1-1 3/32	(333)
1 Panel	3-0	3-2 11/16	(982)	3-3 3/16	(995)	3-2 3/16	(969)	2-11 13/16	(910)	1-11 27/32	(606)	2-1 5/32	(639)
	3-6	3-8 11/16	(1134)	3-9 3/16	(1147)	3-8 3/16	(1122)	3-5 13/16	(1062)	2-5 27/32	(758)	2-7 5/32	(791)
2 Panel	6-0	6-2 11/16	(1897)	6-3 3/16	(1909)	6-2 3/16	(1884)	2-11 13/16	(910)	1-11 27/32	(606)	2-1 5/32	(639)
	7-0	7-2 11/16	(2202)	7-3 3/16	(2214)	7-2 3/16	(2189)	3-5 13/16	(1062)	2-5 27/32	(758)	2-7 5/32	(791)
Height													
Unit Type	Call Number	Masonry Opening		Rough Opening		Frame Size		Panel OM		Daylight Opening		Glass Size	
		ft - in	mm	ft - in	mm	ft - in	mm	ft-in	mm	ft - in	mm	ft - in	mm
All Configurations	7-0	7-1 5/16	(2167)	7-1 9/16	(2173)	7-1 1/16	(2161)	6-11	(2108)	5-5 5/8	(1667)	5-6 15/16	(1700)
	8-0	8-1 5/16	(2472)	8-1 9/16	(2478)	8-1 1/16	(2465)	7-11	(2413)	6-5 5/8	(1972)	6-6 15/16	(2005)

Standard 2 1/4" Commercial Unit Measurements													
Width													
Unit Type	Call Number	Masonry Opening		Rough Opening		Frame Size		Panel OM		Daylight Opening		Glass Size	
		ft - in	mm	ft - in	mm	ft - in	mm	ft-in	mm	ft - in	mm	ft-in	mm
Sidelite	1-6	1-8 5/8	(524)	1-9 1/8	(537)	1-8 1/8	(511)	1-5 3/4	(451)	0-11 13/16	(299)	1-1 3/32	(333)
1 Panel	3-0	3-2 11/16	(982)	3-3 3/16	(995)	3-2 3/16	(969)	2-11 13/16	(910)	1-11 27/32	(606)	2-1 5/32	(639)
	3-6	3-8 11/16	(1134)	3-9 3/16	(1147)	3-8 3/16	(1122)	3-5 13/16	(1062)	2-5 27/32	(758)	2-7 5/32	(792)
	4-0	4-2 11/16	(1287)	4-3 3/16	(1299)	4-2 3/16	(1274)	3-11 13/16	(1215)	2-11 27/32	(911)	3-1 5/32	(944)
2 Panel	6-0	6-2 11/16	(1897)	6-3 3/16	(1909)	6-2 3/16	(1884)	2-11 3/4	(907)	1-11 3/4	(603)	2-1 1/16	(636)
	7-0	7-2 11/16	(2202)	7-3 3/16	(2214)	7-2 3/16	(2189)	3-5 13/16	(1062)	2-5 27/32	(758)	2-7 5/32	(791)
	8-0	8-2 11/16	(2506)	8-3 3/16	(2519)	8-2 3/16	(2494)	3-11 13/16	(1214)	2-11 27/32	(910)	3-1 5/32	(944)
Height													
Unit Type	Call Number	Masonry Opening		Rough Opening		Frame Size		Panel OM		Daylight Opening		Glass Size	
		ft - in	mm	ft - in	mm	ft - in	mm	ft-in	mm	ft - in	mm	ft - in	mm
All Configurations	7-0	7-1 5/16	(2167)	7-1 9/16	(2173)	7-1 1/16	(2161)	6-11	(2108)	5-3 1/2	(1613)	5-4 13/16	(1646)
	8-0	8-1 5/16	(2472)	8-1 9/16	(2478)	8-1 1/16	(2465)	7-11	(2413)	6-3 1/2	(1918)	6-4 13/16	(1951)
	10-0	10-1 5/16	(3081)	10-1 9/16	(3088)	10-1 1/16	(3075)	9-11	(3023)	8-3 1/2	(2527)	8-4 13/16	(2560)

**Standard Unit Measurements: Direct Glaze and In-Sash Transoms**

Clad Direct Glaze Commercial Door Transom											
Width											
Unit Type	Call Number	Masonry Opening		Rough Opening		Frame Size		Daylight Opening		Glass Size	
		ft-in	mm	ft-in	mm	ft-in	mm	ft-in	mm	in	mm
1 Lite Direct Glaze Commercial Door Transom	3-0	3-2 11/16	(982)	3-3 3/16	(995)	3-2 3/16	(969)	2-10 7/32	(869)	35 19/32	(904)
	3-6	3-8 11/16	(1134)	3-9 3/16	(1147)	3-8 3/16	(1122)	3-4 7/32	(1022)	41 19/32	(1057)
	4-0	4-2 11/16	(1287)	4-3 3/16	(1299)	4-2 3/16	(1274)	3-10 7/32	(1174)	47 19/32	(1209)
	6-0	6-2 11/16	(1897)	6-3 3/16	(1909)	6-2 3/16	(1884)	5-10 1/4	(1784)	71 5/8	(1819)
	7-0	7-2 11/16	(2202)	7-3 3/16	(2214)	7-2 3/16	(2189)	6-10 1/4	(2089)	83 5/8	(2124)
	8-0	8-2 11/16	(2506)	8-3 3/16	(2519)	8-2 3/16	(2494)	7-10 1/4	(2394)	95 5/8	(2429)
Height											
Unit Type	Call Number	Masonry Opening		Rough Opening		Frame Size		Daylight Opening		Glass Size	
		ft-in	mm	ft-in	mm	ft-in	mm	ft-in	mm	in	mm
All Configurations	1-0	1-0 1/4	(311)	1-0 1/2	(318)	1-0	(305)	0-8 1/16	(205)	9 7/16	0-9 7/16
	1-2	1-2 1/4	(362)	1-2 1/2	(368)	1-2	(356)	0-10 1/16	(256)	11 7/16	0-11 7/16
	1-6	1-6 1/4	(464)	1-6 1/2	(470)	1-6	(457)	1-2 1/16	(357)	15 7/16	1-3 7/16

Standard Measurements for In-Sash Transoms for Commercial Units													
Width													
Unit Type	Call Number	Masonry Opening		Rough Opening		Frame Size		Panel OM		Daylight Opening		Glass Size	
		ft - in	mm	ft - in	mm	ft - in	mm	ft-in	mm	ft - in	mm	ft-in	mm
1 Sash	3-0	3-2 11/16	(982)	3-3 3/16	(995)	3-2 3/16	(969)	2-11 13/16	(910)	1-11 27/32	(606)	2-1 5/32	(639)
	3-6	3-8 11/16	(1134)	3-9 3/16	(1147)	3-8 3/16	(1122)	3-5 13/16	(1062)	2-5 27/32	(758)	2-7 5/32	(791)
	4-0	4-2 11/16	(1287)	4-3 3/16	(1299)	4-2 3/16	(1274)	3-11 13/16	(1215)	2-11 27/32	(911)	3-1 5/32	(944)
2 Sash	6-0	6-2 11/16	(1897)	6-3 3/16	(1909)	6-2 3/16	(1884)	2-11 13/16	(910)	1-11 27/32	(606)	2-1 5/32	(639)
	7-0	7-2 11/16	(2202)	7-3 3/16	(2214)	7-2 3/16	(2189)	3-5 13/16	(1062)	2-5 27/32	(758)	2-7 5/32	(791)
	8-0	8-2 11/16	(2506)	8-3 3/16	(2519)	8-2 3/16	(2494)	3-11 13/16	(1215)	2-11 27/32	(911)	3-1 5/32	(944)
Height													
Unit Type	Call Number	Masonry Opening		Rough Opening		Frame Size		Panel OM		Daylight Opening		Glass Size	
		ft - in	mm	ft - in	mm	ft - in	mm	ft-in	mm	ft - in	mm	ft - in	mm
In-Sash Configurations	1-6	1-6 1/4	(464)	1-6 1/2	(470)	1-6	(457)	1-3 5/16	(389)	0-9 5/16	(237)	0-10 5/8	(270)
	2-0	2-0 1/4	(616)	2-0 1/2	(622)	2-0	(610)	1-9 5/16	(541)	1-3 5/16	(389)	1-4 5/8	(422)
	2-6	2-6 1/4	(768)	2-6 1/2	(775)	2-6	(762)	2-3 5/16	(694)	1-9 5/16	(541)	1-10 5/8	(575)



**Minimum and Maximum Guidelines - Doors and In-Sash Transoms**

Minimum and Maximum Guidelines - 1 3/4" Panel								
Unit Type	Frame Size							
	Min Width		Min Height		Max Width		Max Height	
	in	mm	in	mm	in	mm	in	mm
SidelightStationary	13 1/16	(332)	39 9/16	(1005)	50 3/8	(1280)	97 1/16	(2465)
1 - PanelOperator	19	(483)	39 9/16	(1005)	44 3/16	(1122)	97 1/16	(2465)
2 - PanelOperator	35 7/8	(911)	39 9/16	(1005)	86 3/16	(2189)	97 1/16	(2465)

Note: Maximum Square Footage 25 (635) Sq. ft of Glass per Panel

Minimum and Maximum Guidelines - 2 1/4" Panel								
Unit Type	Frame Size							
	Min Width		Min Height		Max Width		Max Height	
	in	mm	in	mm	in	mm	in	mm
SidelightStationary	13 1/16	(332)	39 9/16	(1005)	50 3/8	(1280)	121 1/16	(3075)
1 - PanelOperator	19	(483)	39 9/16	(1005)	50 3/16	(1275)	121 1/16	(3075)
2 - PanelOperator	35 7/8	(911)	39 9/16	(1005)	98 3/16	(2494)	121 1/16	(3075)

Note: Maximum Square Footage 60.99 (1778) Sq. ft of Glass per Panel

Minimum and Maximum Guidelines -In-Sash Transom Units								
Unit Type	Frame Size							
	Min Width		Min Height		Max Width		Max Height	
	in	mm	in	mm	in	mm	in	mm
1 Frame1 Sash	19	(483)	13 11/16	(348)	50 3/8	(1280)	60	(1524)
1 Frame2 Sash	35 7/8	(911)	13 11/16	(348)	98 1/2	(2502)	48	(1219)

## Minimum and Maximum Guidelines - Direct Glaze Rectangle / Transoms

Minimum Guidelines - Direct Glaze Transoms				
Unit Type	Min Width		Min Height	
	in	mm	in	mm
Single Glaze	9 7/16	(240)	8 15/16	(227)
Insulating Glass	9 7/16	(240)	8 15/16	(227)

Maximum Guidelines - Direct Glaze Rectangles / Transoms				
Unit Type	Max Width		Max Height	
	in	mm	in	mm
Single Glaze	<b>Certified Frame Size</b>			
	84	(2134)	87	(2210)
	75	(1905)	97	(2464)
	87	(2210)	84	(2134)
	97	(2464)	75	(1905)
	<b>Non-Certified Frame Size</b>			
	145 9/16	(3697)	53 7/8	(1368)
	90 1/2	(2299)	86 1/16	(2186)
	86 1/16	(2186)	90 1/2	(2299)
	53 7/8	(1368)	145 9/16	(3697)
Insulating Glass	<b>Certified Frame Size</b>			
	84	(2134)	97	(2464)
	97	(2464)	84	(2134)
	<b>Non-Certified Frame Size</b>			
	145 9/16	(3697)	63 15/16	(1624)
	107 3/4	(2737)	86 1/16	(2186)
	86 1/16	(2186)	107 3/4	(2737)
	63 15/16	(1624)	145 9/16	(3697)

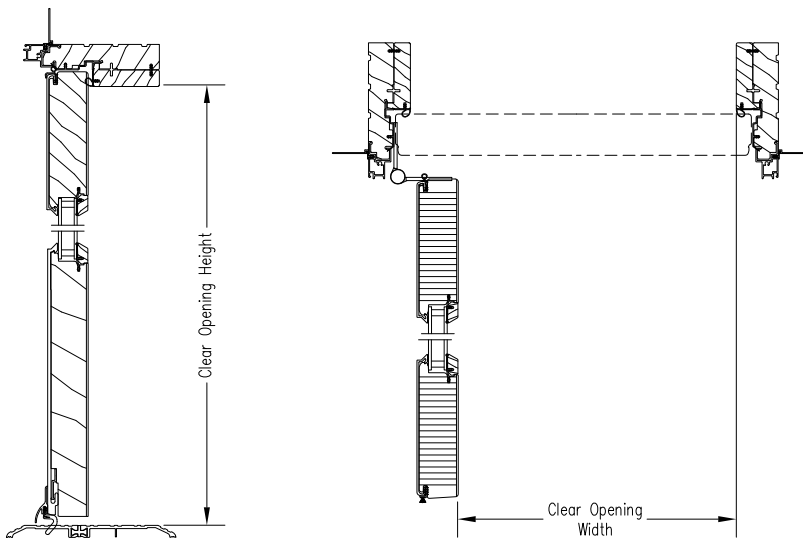
# Clad Commercial Door

## Net Clear Openings

Scale: 1 1/2" = 1'

Net Clear Opening 1 3/4" Commercial Door			
Width			
Unit Type	Call Number	Net Clear Openings	
		ft-in	mm
1 Panel	3-0	2-8 27/32	(835)
	3-6	3-2 27/32	(987)
2 Panel	6-0	5-7 1/16	(1704)
	7-0	6-7 1/16	(2008)
Height			
Unit Type	Call Number	Net Clear Openings	
		ft - in	mm
All Configurations	7-0	6-10 13/16	(2103)
	8-0	7-10 13/16	(2408)

Net Clear Opening 2 1/4" Commercial Door			
Width			
Unit Type	Call Number	Net Clear Openings	
		ft-in	mm
1 Panel	3-0	2-8 11/32	(822)
	3-6	3-2 11/32	(974)
	4-0	3-8 11/32	(1126)
2 Panel	6-0	5-6 1/16	(1678)
	7-0	6-6 1/16	(1983)
	8-0	7-6 1/16	(2287)
Height			
Unit Type	Call Number	Net Clear Openings	
		ft - in	mm
All Configurations	7-0	6-10 13/16	(2103)
	8-0	7-10 13/16	(2408)
	10-0	9-10 13/16	(3018)



**Measurements Conversions**

1 3/4" Door Unit Measurements		Width			Height	
From	To					
Rough Opening		in	mm		in	mm
OM of Frame	Rough Opening	+ 1	(25)		+ 1/2	(13)
Masonry Opening	Rough Opening	+ 1/2	(13)		+ 1/4	(06)
Masonry Opening w/BMC	Rough Opening	-2 1/8	(54)		-1 1/16	(27)
Masonry Opening w/Flat Casing	Rough Opening	-5 1/2	(140)		-2 3/4	(70)
Operating Panel		in	mm		in	mm
OM of Frame	Om of Sidelite	-2 3/8	(60)		-2 1/16	(52)
OM of Frame	OM of Panel (x1)	-2 11/32	(59)		-2 1/16	(52)
OM of Frame	OM of Panel (x2)	-2 9/16	(65)	÷ 2	-2 1/16	(52)
Daylight Opening	Om of Sidelite	+ 4 1/2	(114)		+ 17 3/8	(441)
Daylight Opening	OM of Panel	+ 11 31/32	(304)		+ 17 3/8	(441)
Glass		in	mm		in	mm
Daylight Opening	Glass	+ 1 5/16	(33)		+ 1 5/16	(33)

2 1/4" Door Unit Measurements		Width			Height	
From	To					
Rough Opening		in	mm		in	mm
OM of Frame	Rough Opening	+ 1	(25)		+ 1/2	(13)
Masonry Opening	Rough Opening	+ 1/2	(13)		+ 1/4	(06)
Masonry Opening w/BMC	Rough Opening	-2 1/8	(54)		-1 1/16	(27)
Masonry Opening w/Flat Casing	Rough Opening	-5 1/2	(140)		-2 3/4	(70)
Operating Panel		in	mm		in	mm
OM of Frame	Om of Sidelite	-2 3/8	(60)		-2 1/16	(52)
OM of Frame	OM of Panel (x1)	-2 11/32	(59)		-2 1/16	(52)
OM of Frame	OM of Panel (x2)	-2 9/16	(65)	÷ 2	-2 1/16	(52)
OM of Frame	Om of Sidelite	+ 4 1/2	(114)		+ 19 1/2	(495)
Daylight Opening	OM of Panel	+ 11 31/32	(304)		+ 19 1/2	(495)
Glass		in	mm		in	mm
Daylight Opening	Glass	+ 1 5/16	(33)		+ 1 5/16	(33)

NOTE: The Direct Glaze Door Transom Conversions are covered in the [Clad Direct Glaze Polygon and Round Top Chapter](#)

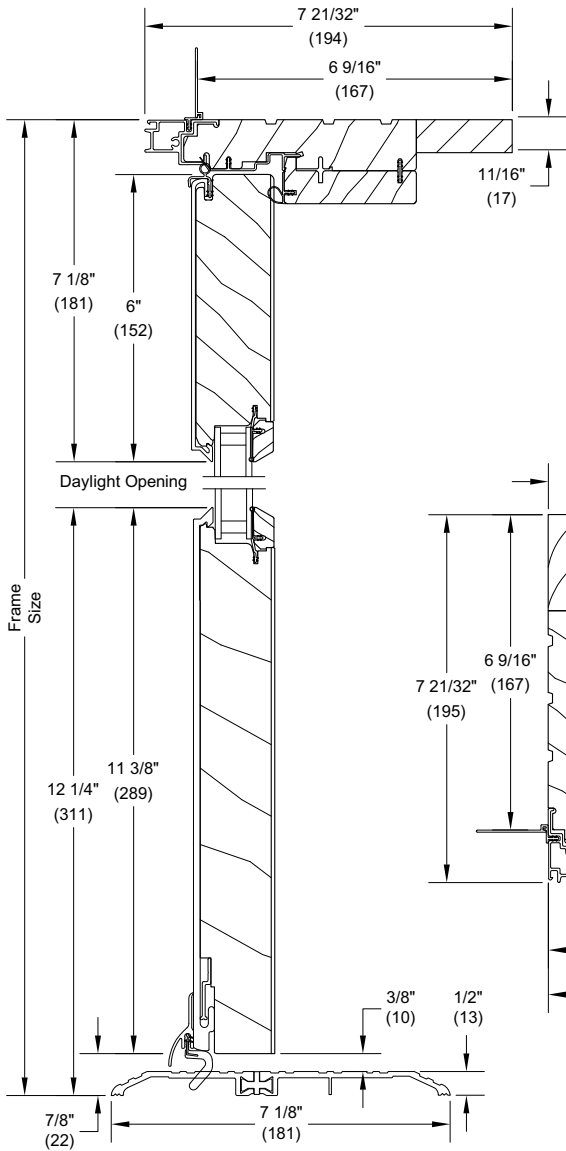
**Measurements Conversions**

In-Sash Transom Unit Measurements		Width			Height	
From	To	in	mm		in	mm
<b>Rough Opening</b>		<b>in</b>	<b>mm</b>		<b>in</b>	<b>mm</b>
OM of Frame	Rough Opening	+ 1	(25)		+ 1/2	(13)
Masonry Opening	Rough Opening	+ 1/2	(13)		+ 1/4	(06)
Masonry Opening w/BMC	Rough Opening	-2 1/8	(54)		-1 1/16	(27)
Masonry Opening w/Flat Casing	Rough Opening	-5 1/2	(140)		-2 3/4	(70)
<b>Stationary Sash</b>		<b>in</b>	<b>mm</b>		<b>in</b>	<b>mm</b>
OM of Frame	OM of Sash (x1)	-2 11/32	(59)		-2 11/16	(68)
OM of Frame	OM of Sash (x2)	-2 9/16	(65)	÷ 2	-2 11/16	(68)
Daylight Opening	OM of Panel	+ 11 31/32	(304)		+ 6	(152)
<b>Glass</b>		<b>in</b>	<b>mm</b>		<b>in</b>	<b>mm</b>
Daylight Opening	Glass	+ 1 5/16	(33)		+ 1 5/16	(33)

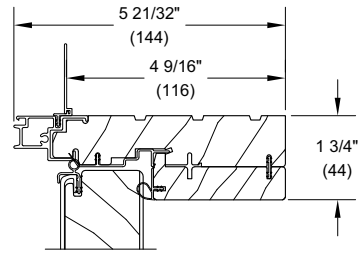
# Clad Commercial Door

## 1 3/4" Commercial Section Details: Operating

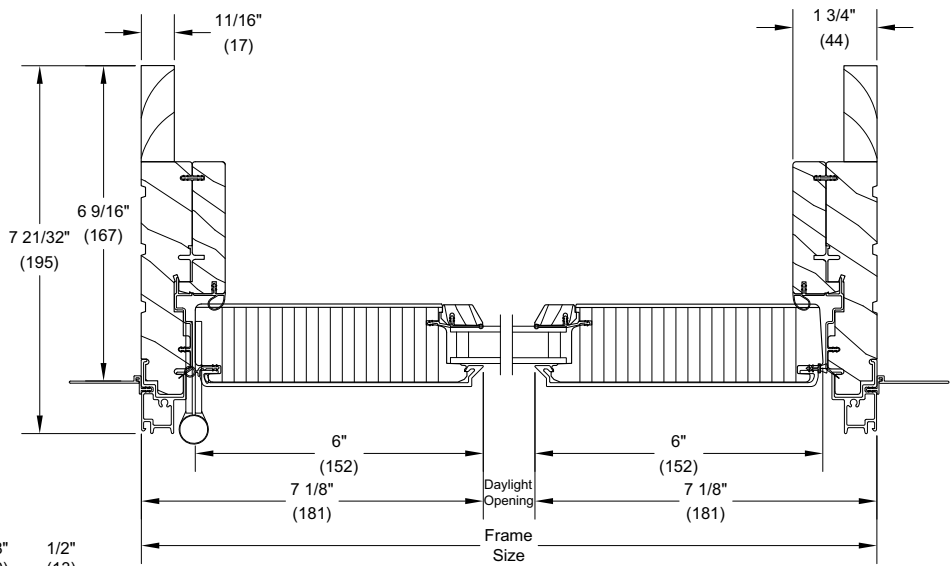
Scale: 3" = 1' 0"



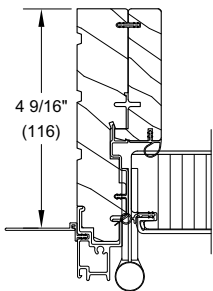
Head Jamb and Sill



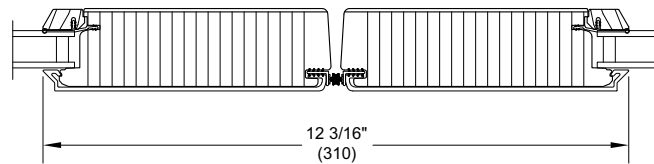
4 9/16" Head Jamb



X - LHR - Jamb



4 9/16" Jamb

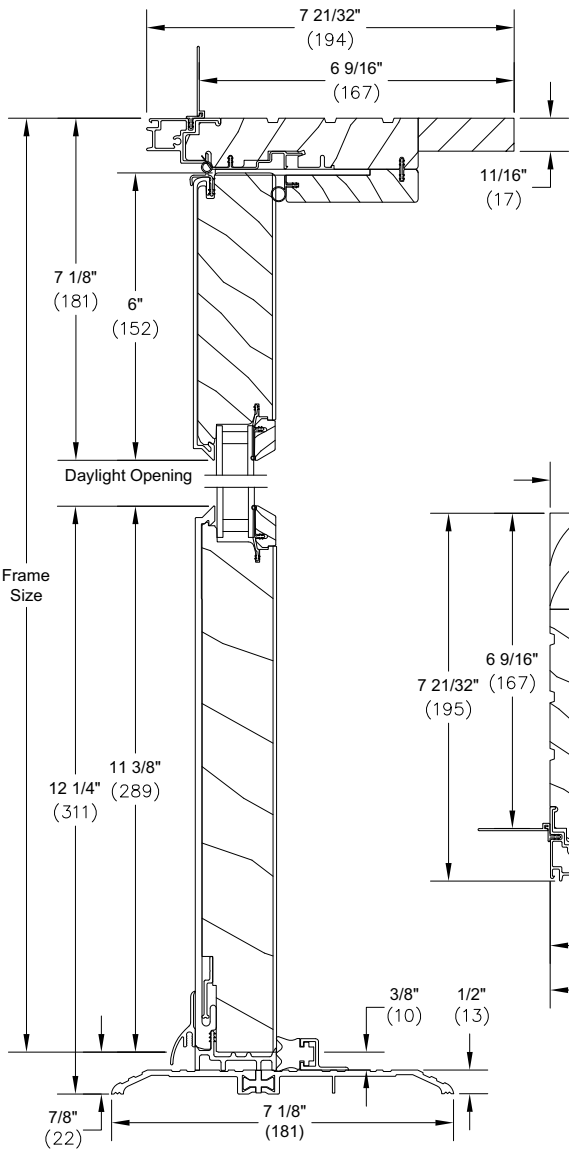


XX - Meeting Stiles

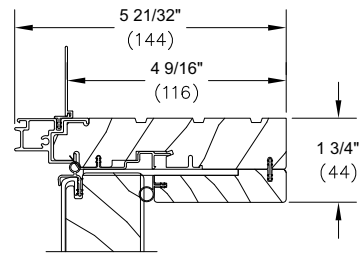
# Clad Commercial Door

## 1 3/4" Commercial Section Details: Stationary and Sidelite

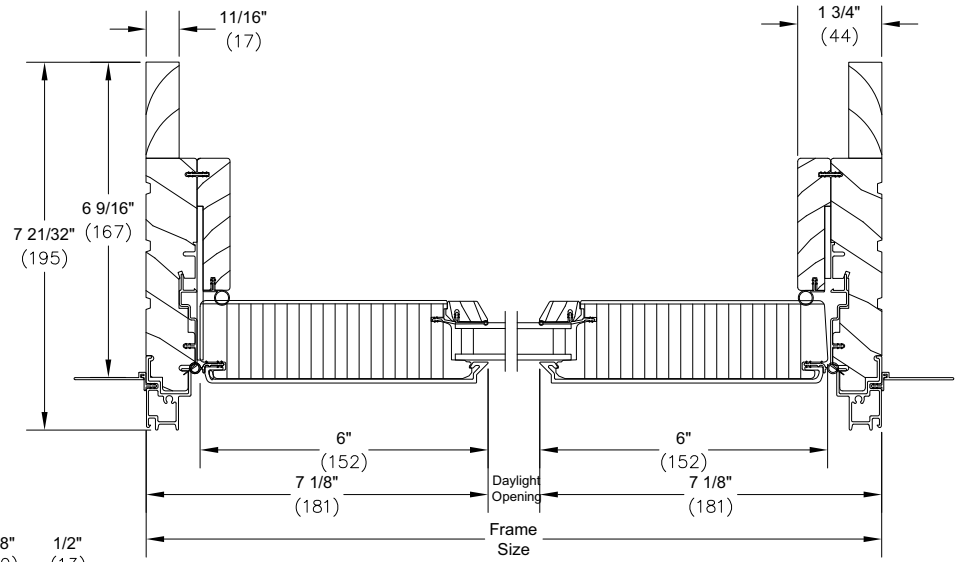
Scale: 3" = 1' 0"



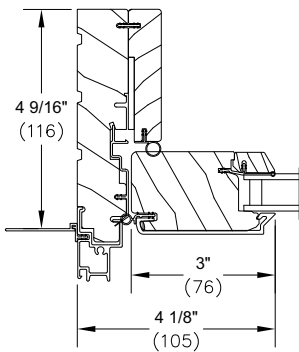
Head Jamb and Sill



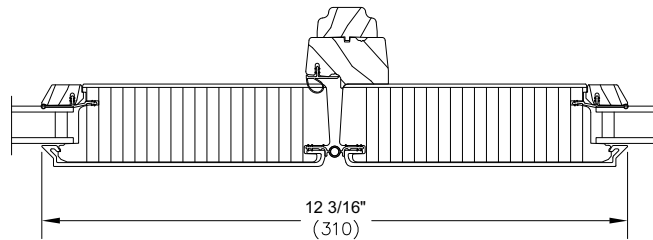
4 9/16" Head Jamb



O - Jamb



O - Jamb 3" Stile

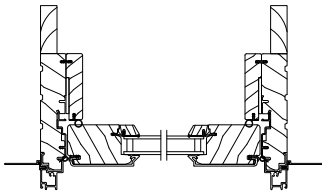


OO Meeting Stiles

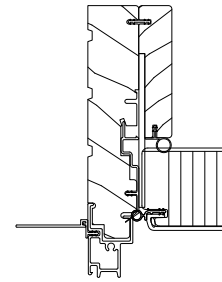
# Clad Commercial Door

## 1 3/4" Commercial Section Details: Panel Configurations

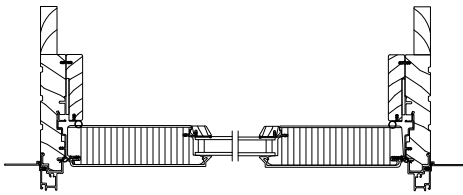
Scale: 1 1/2" = 1'



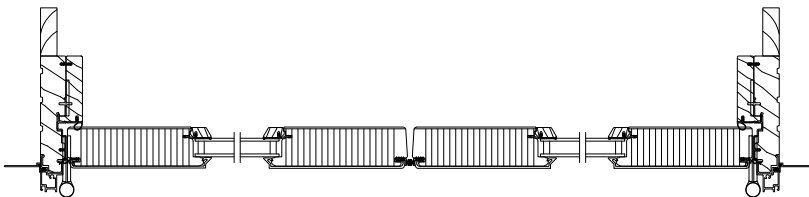
Sidelite Jamb



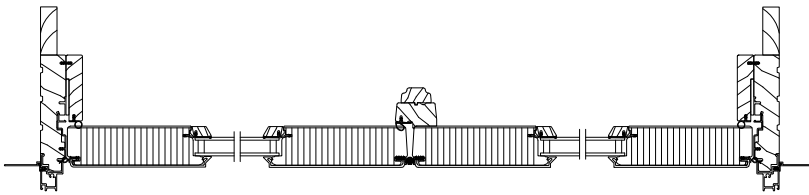
4 9/16" - Jamb  
Scale: 3" = 1'-0"



O Jamb



XX - RHRA Jamb



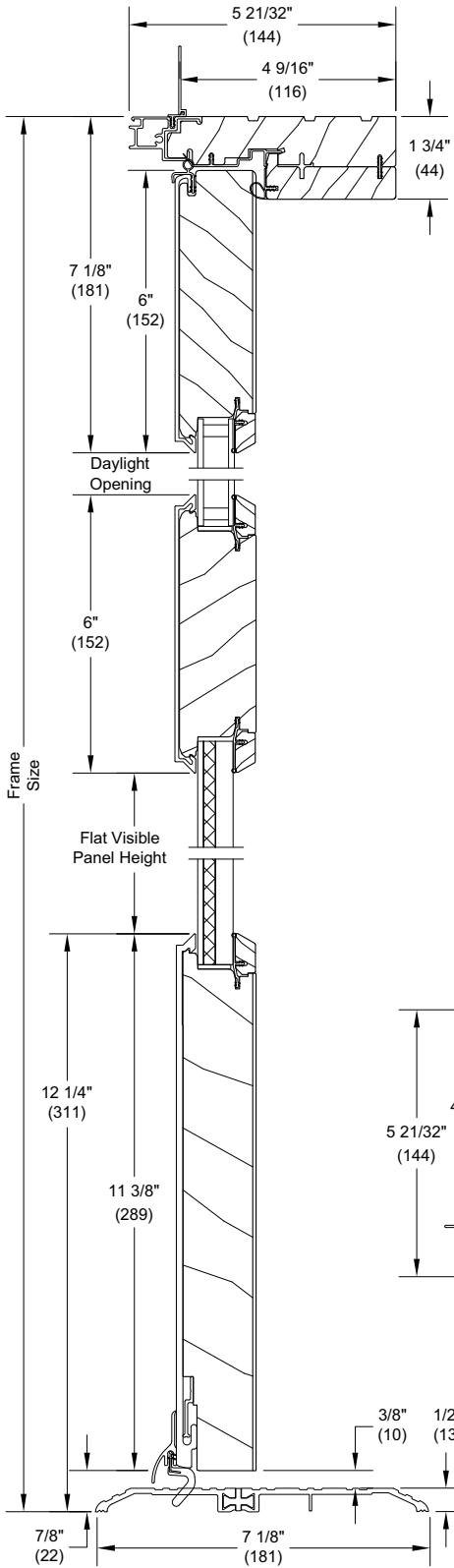
OO Jamb



# Clad Commercial Door

## 1 3/4" Commercial Section Details: Flat Panel Placement

Scale: 3" = 1' 0"



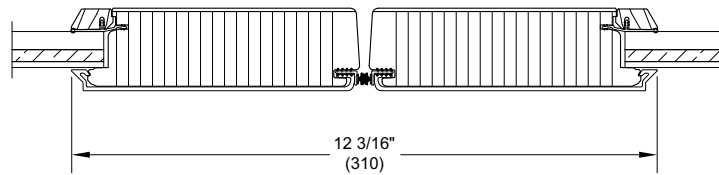
Head Jamb and Sill

### Flat Panel - Standard Configuration/ Low Placement

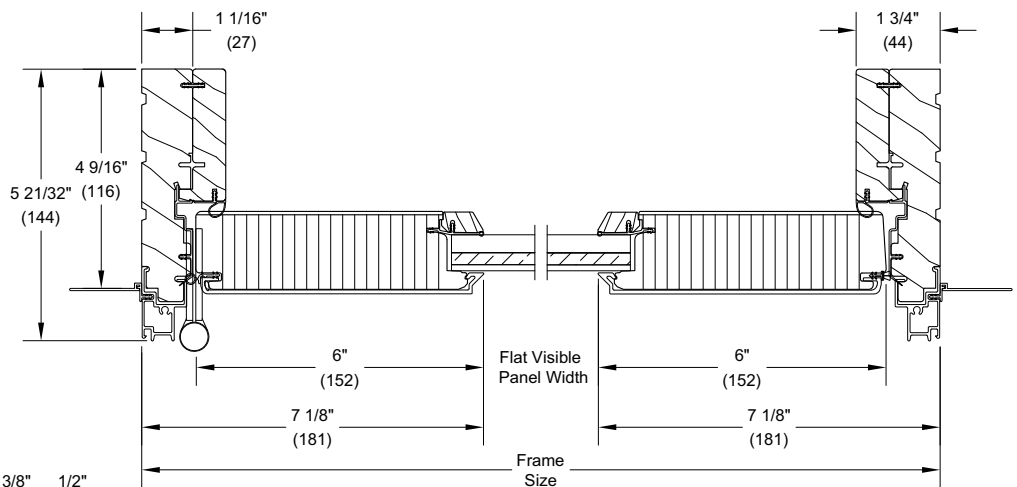
6" intermediate rail placed 26" (660) O.C. from bottom of the door sill with 10 13/16" (275) visible panel height.

### Flat Panel - Standard Configuration/ High Placement

6" intermediate rail placed 40 5/16" (1024) O.C. from bottom of the door sill with 25 1/8" (638) visible panel height.



XX - Meeting Stiles

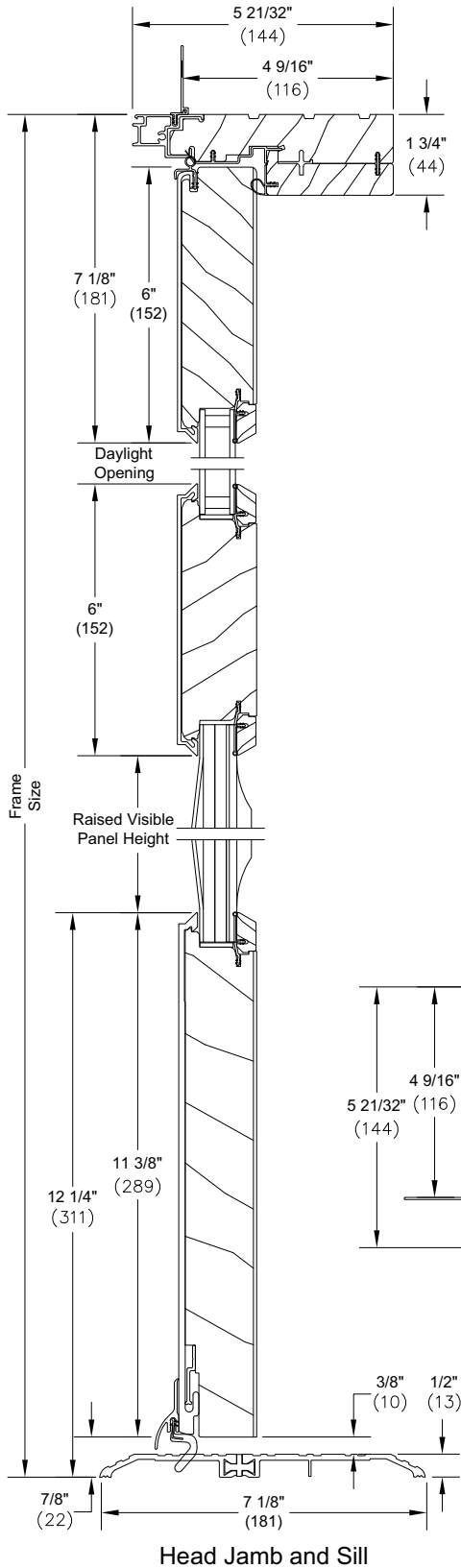


X - LHR - Jamb

# Clad Commercial Door

## 1 3/4" Commercial Section Details: Raised Panel Placement

Scale: 3" = 1' 0"

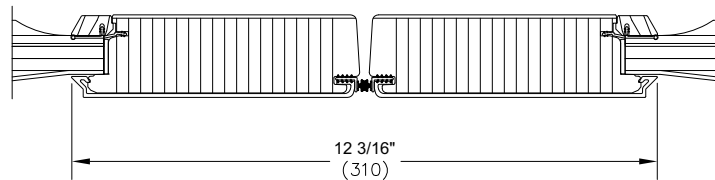


### Raised Panel - Standard Configuration / Low Placement

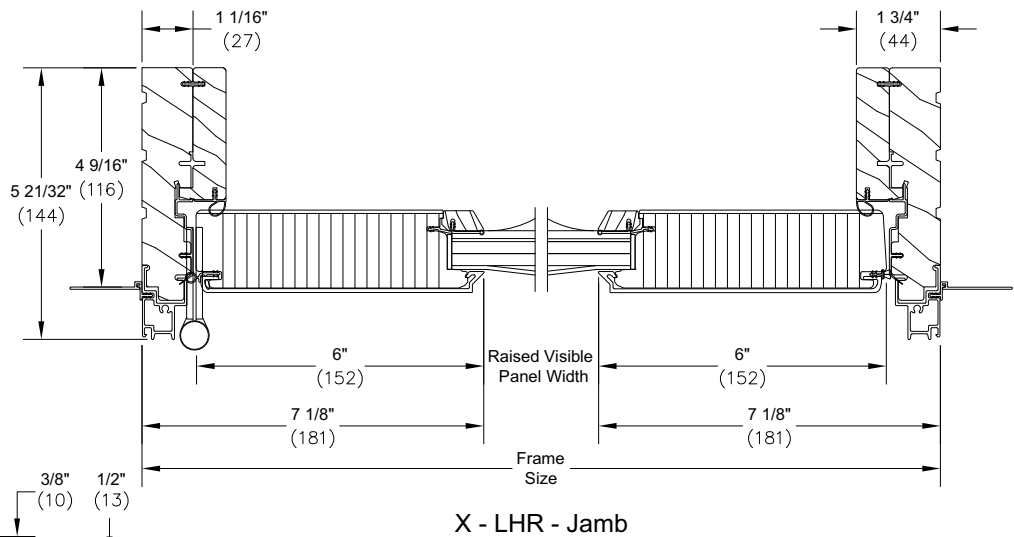
6" intermediate rail placed 26" (660) O.C. from bottom of the door sill with 10 13/16" (275) visible panel height.

### Raised Panel - Standard Configuration / High Placement

6" intermediate rail placed 40 5/16" (1024) O.C. from bottom of the door sill with 25 1/8" (638) visible panel height.



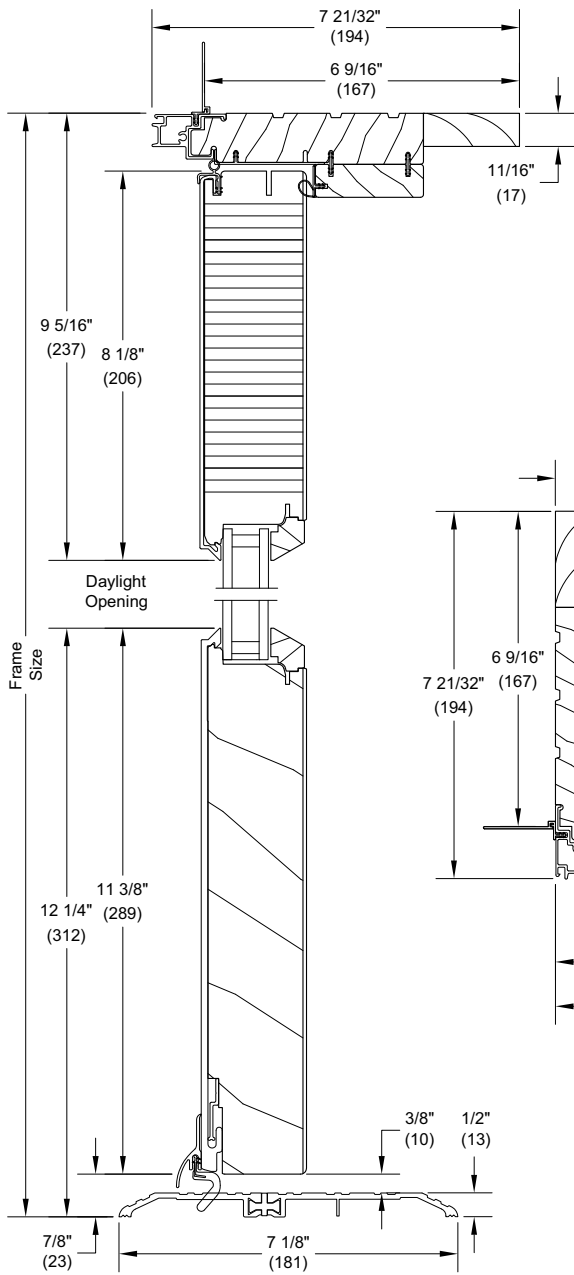
XX - Meeting Stiles



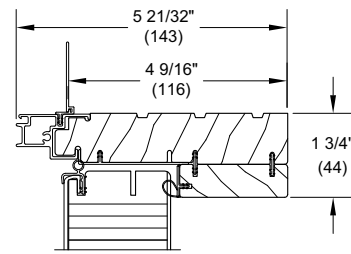
# Clad Commercial Door

## 2 1/4" Commercial Section Details: Operating

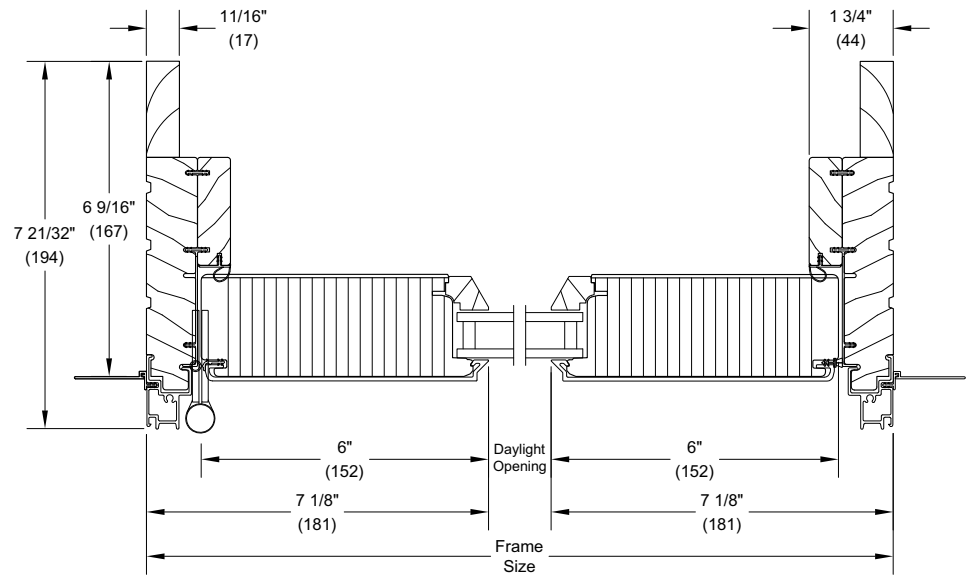
Scale: 3" = 1' 0"



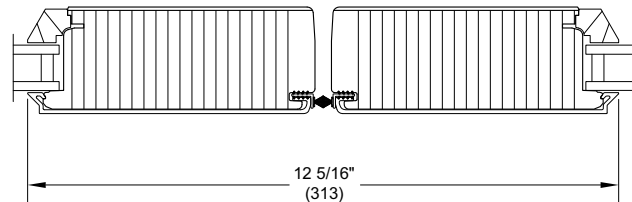
Head Jamb and Sill



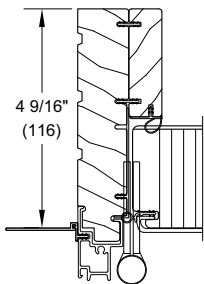
4 9/16" Head Jamb



X - LHR - Jamb



XX - Meeting Stiles

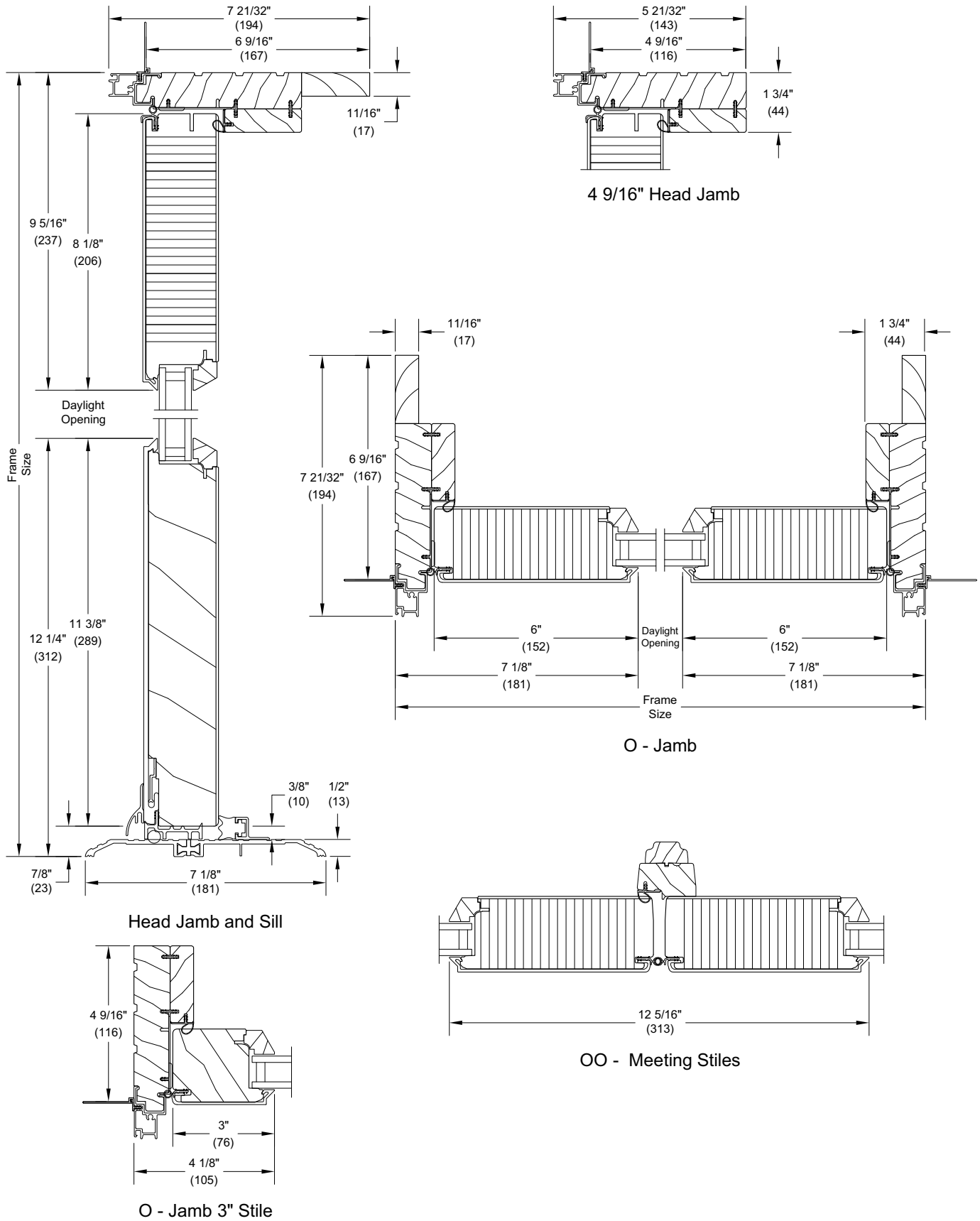


4 9/16" Jamb

# Clad Commercial Door

## 2 1/4" Commercial Section Details: Stationary and Sidelite

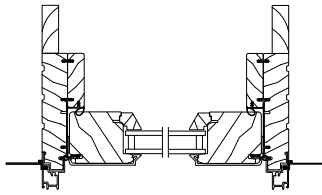
Scale: 3" = 1' 0"



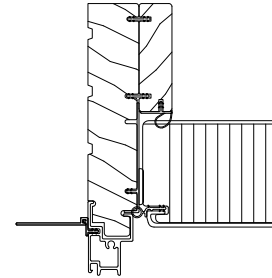
# Clad Commercial Door

## 2 1/4" Commercial Section Details: Panel Configurations

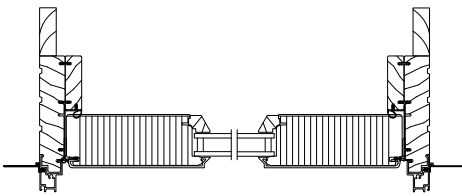
Scale: 1 1/2" = 1'



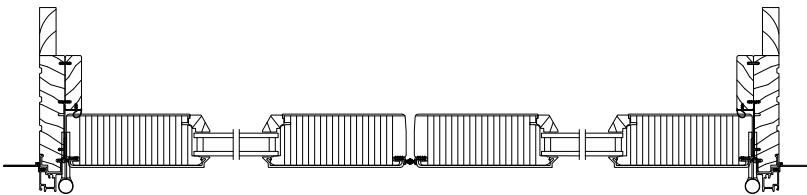
Sidelite Jamb



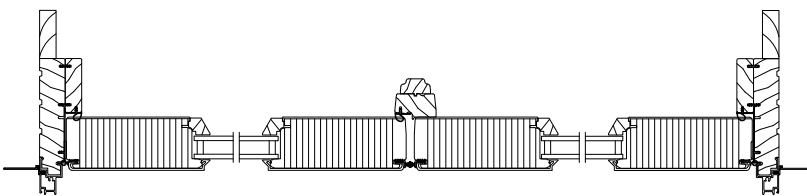
4 9/16" - Jamb  
Scale: 3" = 1'-0"



O Jamb



XX - RHRA Jamb

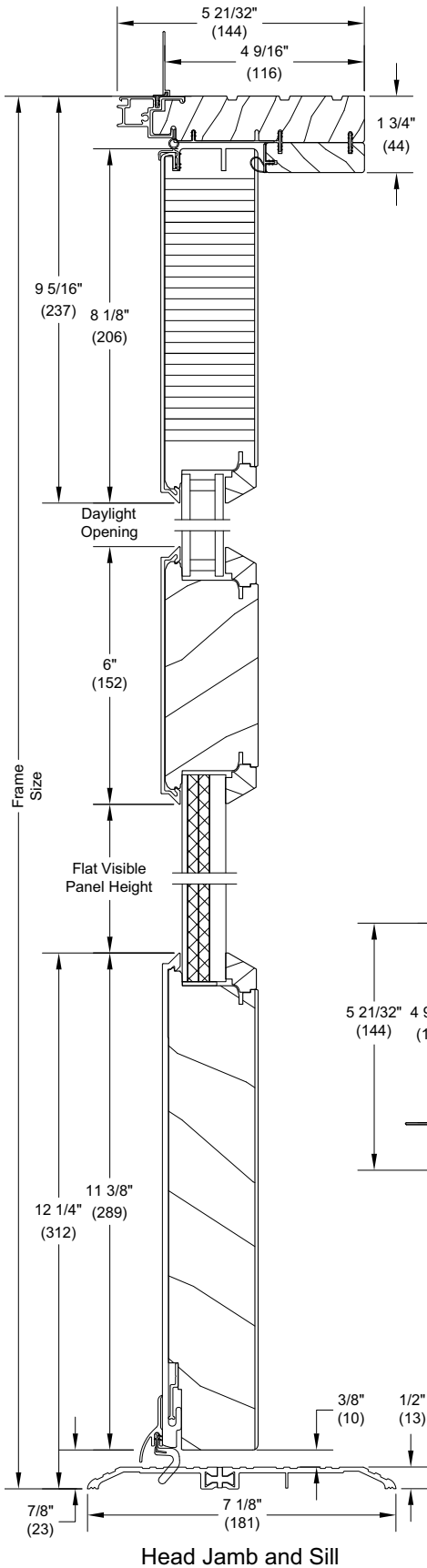


OO Jamb

# Clad Commercial Door

## 2 1/4" Commercial Section Details: Flat Panel Placement

Scale: 3" = 1' 0"

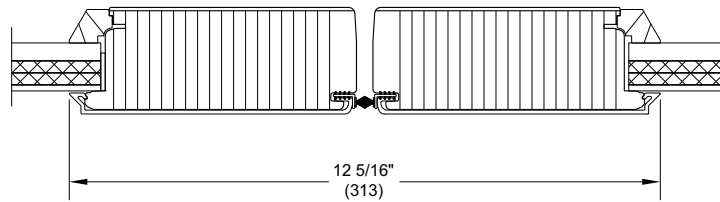


### Flat Panel - Standard Configuration/ Low Placement

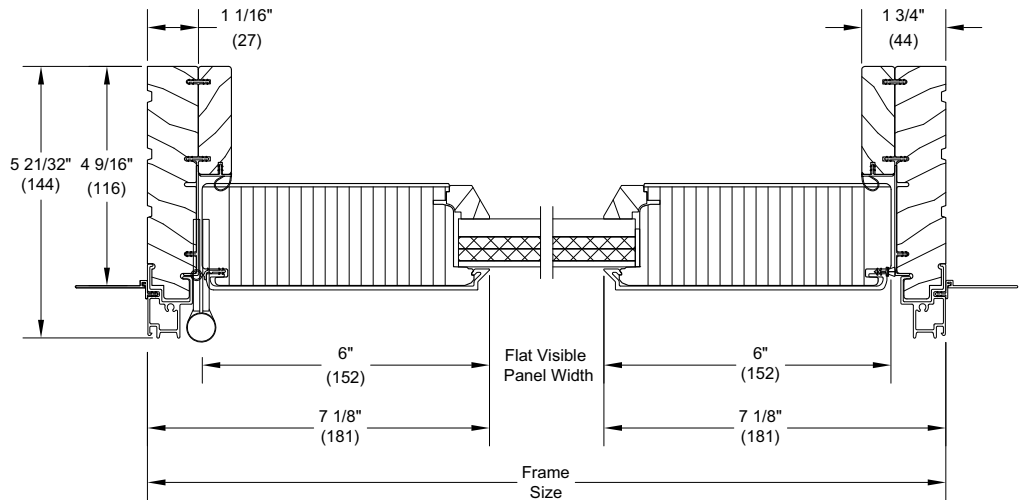
6" intermediate rail placed 26" (660) O.C. from bottom of the door sill with 10 13/16" (275) visible panel height.

### Flat Panel - Standard Configuration/ High Placement

6" intermediate rail placed 40 5/16" (1024) O.C. from bottom of the door sill with 25 1/8" (638) visible panel height.



XX - Meeting Stiles

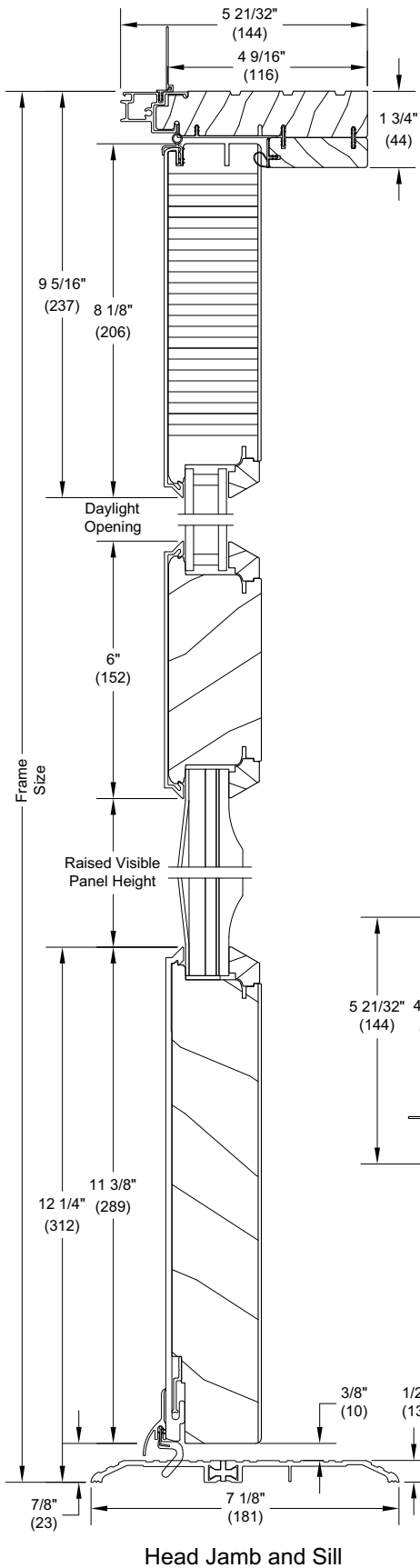


X - LHR - Jamb

# Clad Commercial Door

## 2 1/4" Commercial Section Details: Raised Panel Placement

Scale: 3" = 1' 0"

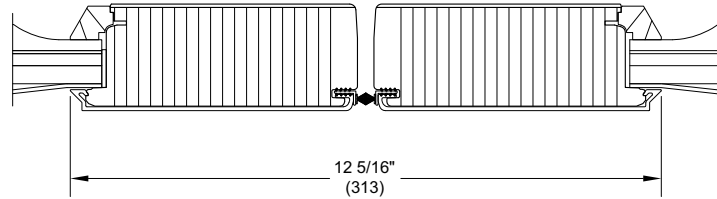


### Raised Panel - Standard Configuration / Low Placement

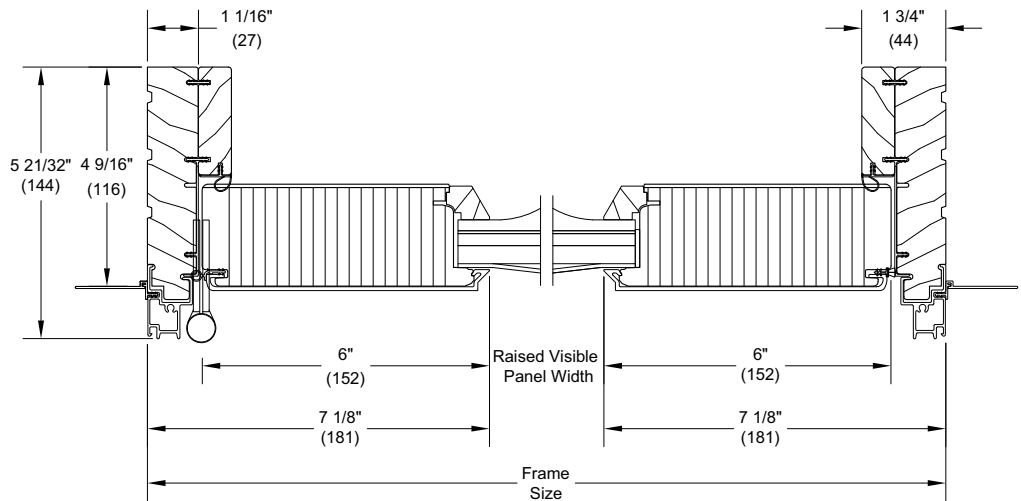
6" intermediate rail placed 26" (660) O.C. from bottom of the door sill with 10 13/16" (275) visible panel height.

### Raised Panel - Standard Configuration / High Placement

6" intermediate rail placed 40 5/16" (1024) O.C. from bottom of the door sill with 25 1/8" (638) visible panel height.



XX - Meeting Stiles



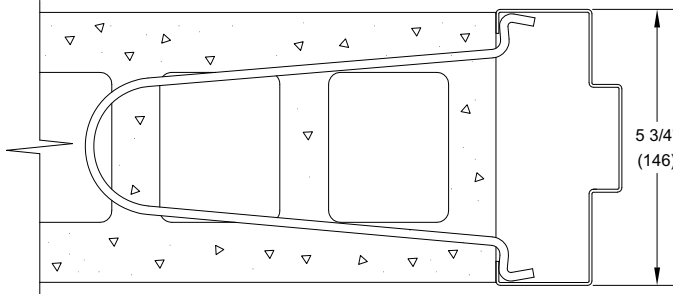
X - LHR - Jamb

*Clad Commercial Door*

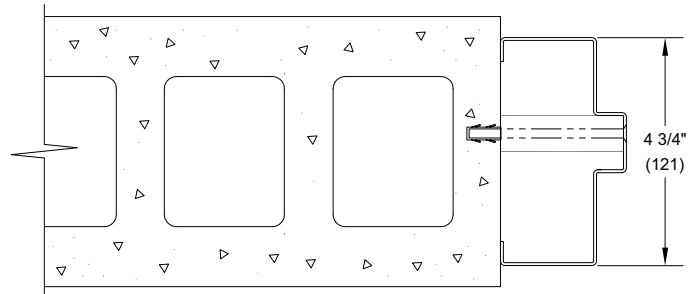
**1 3/4" Commercial Section Details: Steel Frame Option**

Scale: 3" = 1' 0"

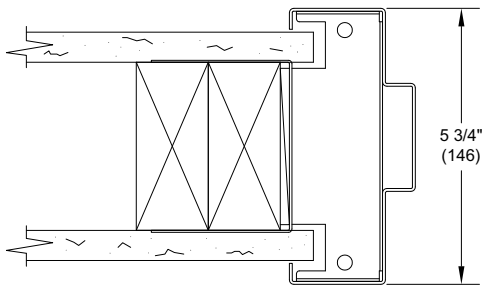
Block Wall - Butt Installation  
5 3/4" Frame Width - New Construction



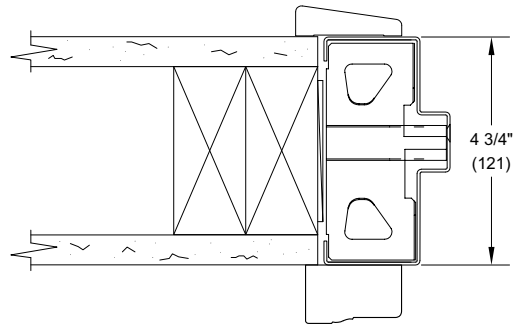
Block Wall - Butt Installation  
4 3/4" Frame Width Existing Opening



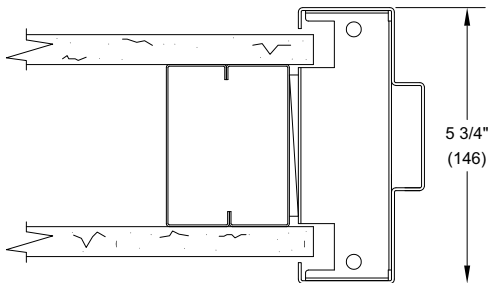
2 x4 Wood Stud Wall - Wrap Mount  
5 3/4" Frame Width - New Construction



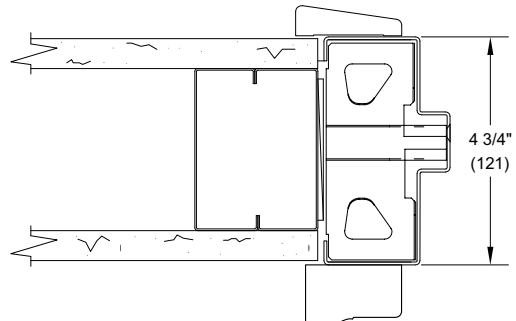
2 x4 Wood Stud Wall - Casing Mount



2 x 3.5 Stud Steel Wall - Wrap Mount  
5 3/4" Frame Width - New Construction



2 x 3.5 Stud Steel Wall - Casing Mount

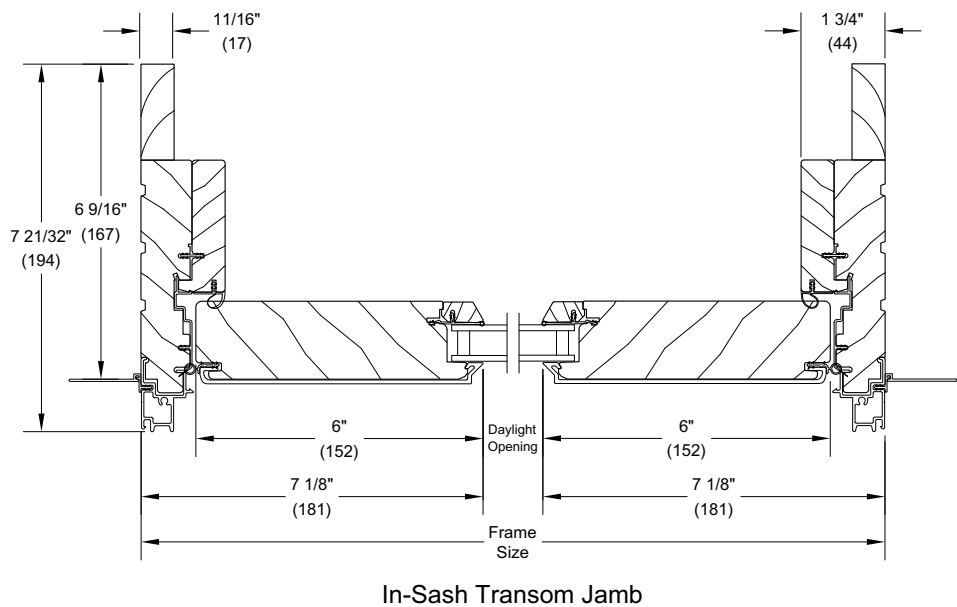
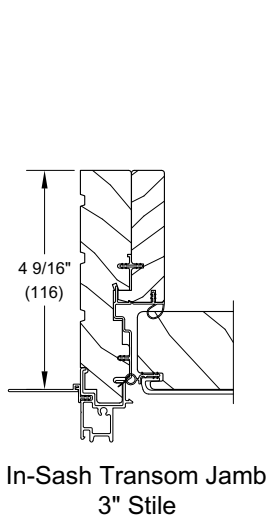
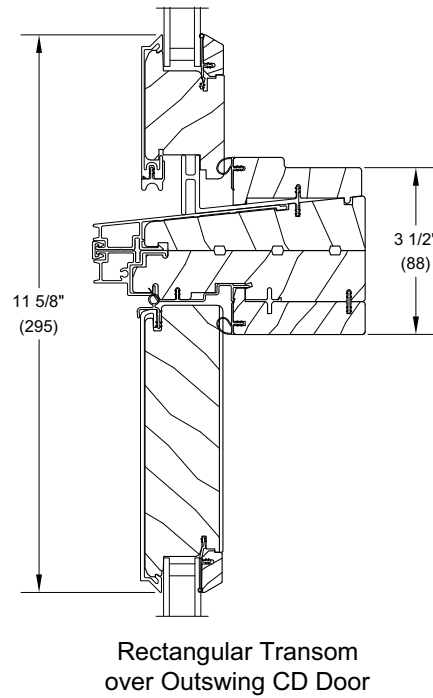
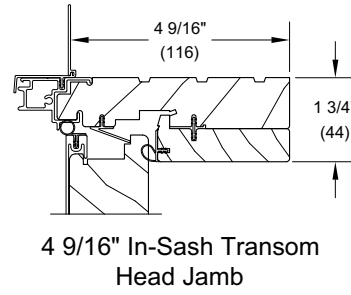
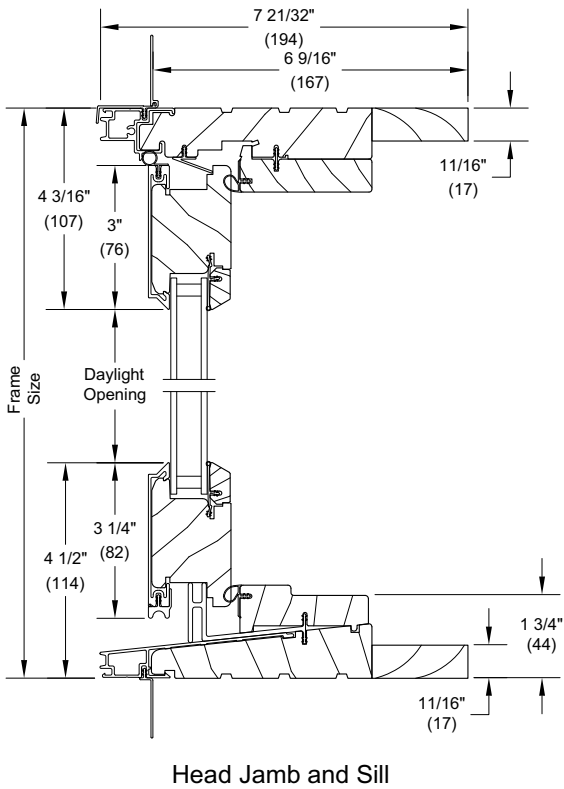




# Clad Commercial Door

## 1 3/4" and 2 1/4" Commercial Section Details: In-Sash Transom

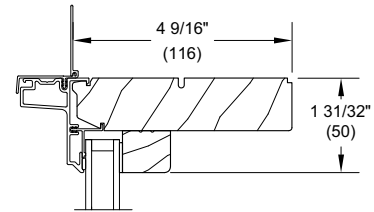
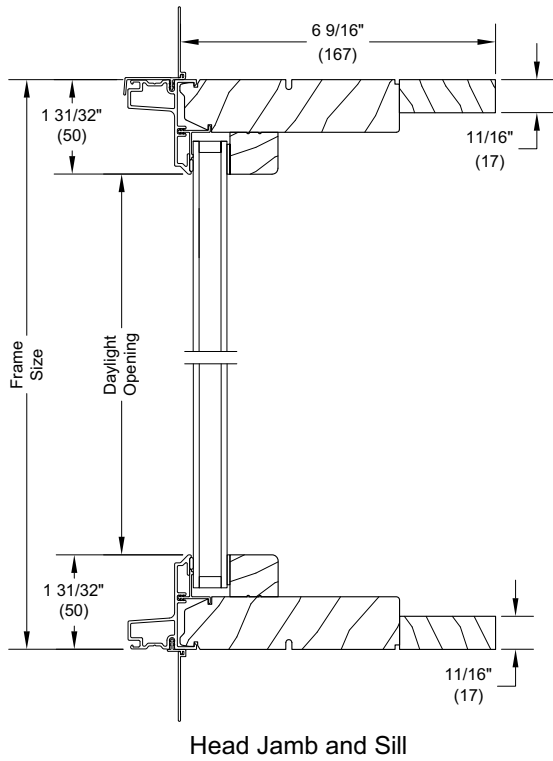
Scale: 3" = 1' 0"



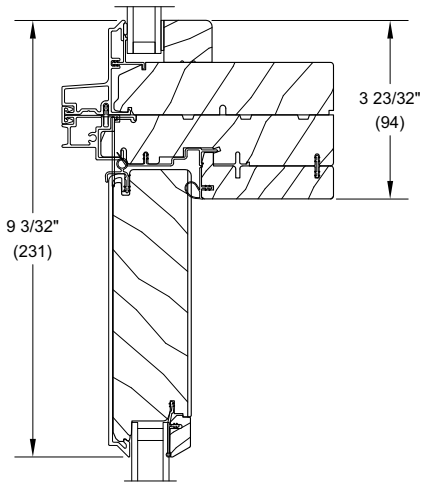
# Clad Commercial Door

## 1 3/4" and 2 1/4" Commercial Section Details: Direct Glaze Transom

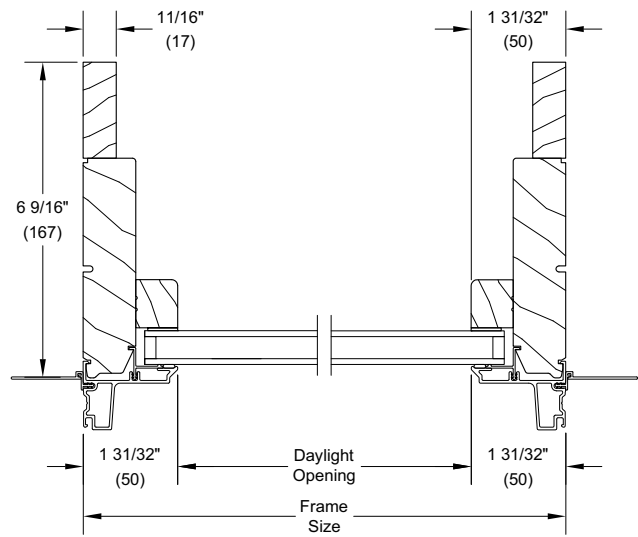
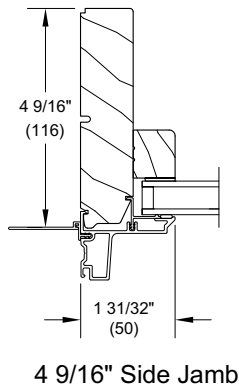
Scale: 3" = 1' 0"



4 9/16" Head Jamb



Rectangular Direct Glaze Transom  
over 1 3/4" Commercial Door w/ 4 9/16" Jamb



Direct Glaze Transom Jamb