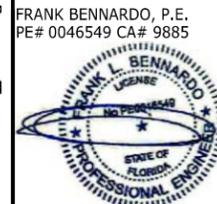


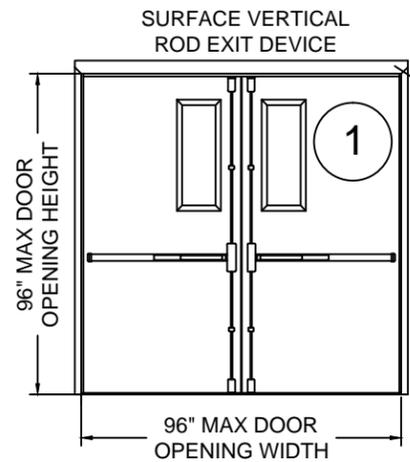


# CURRIES DOOR GLAZED PAIRS OF DOORS

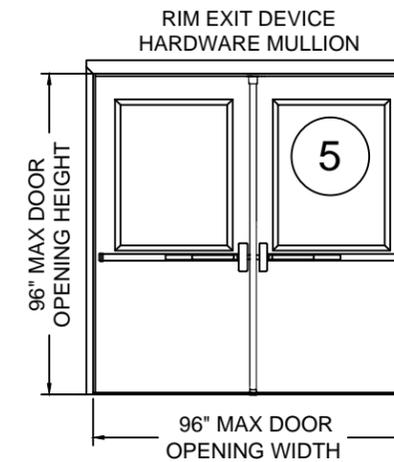
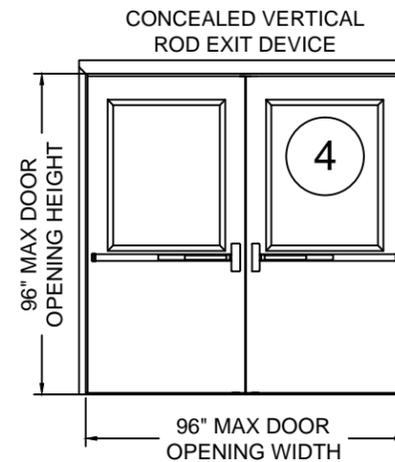
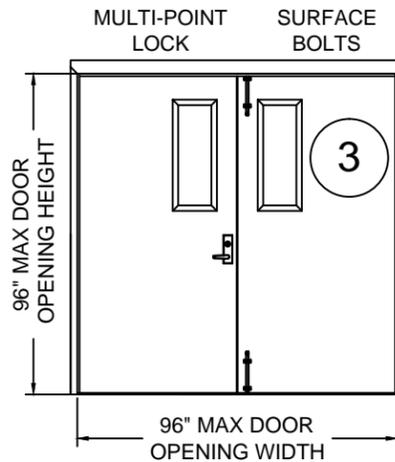
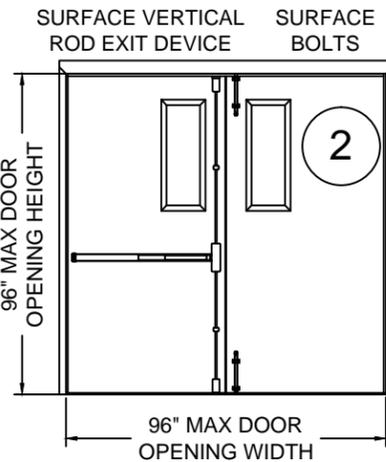
PRODUCTS ILLUSTRATED IN THIS DOCUMENT ARE QUALIFIED FOR LARGE AND SMALL MISSILE IMPACT. LARGE MISSILE IMPACT IS 9 LB 2 X 4 AT 50 FEET PER SECOND OR 350 FT-LBS. (MISSILE LEVEL D) PRODUCT MEETS REQUIREMENTS OF THE HIGH VELOCITY HURRICANE ZONE.



FL#16353.3



HEAD IS 2" MIN., 4" MAX TYPICAL



ASSEMBLY 1	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Required
+/-150 PSF	+/-60 PSF

ASSEMBLY 2	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Required
+/-150 PSF	+/-60 PSF

ASSEMBLY 3	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Required
+/-150 PSF	+/-60 PSF

ASSEMBLY 4	
Design Pressure Where Water Infiltration Is NOT Needed	Design Pressure Where Water Infiltration IS Needed
+/-70 PSF	+/-60 PSF

ASSEMBLY 5	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Required
+/-70PSF	+/-60 PSF

Assembly	Door Series	Minimum Door Gauge	Maximum Design Pressure (psf)		Maximum Door Opening (inches)		Maximum Exposed Glass (inches)		Maximum Area per Leaf (sq. in.)	Door Swing	Latching Hardware Description Active			Latching Hardware Description In-Active		
			Positive	Negative	Width	Height	Width	Height			Type	Brand	Model	Type	Brand	Model
1	707, 747 <sup>a</sup>	14	150	150	96	96	10	30	300	Out Swing	Surface Vertical Rod	Sargent	HC4-8700, 12-HC4-8700	Surface Vertical Rod	Sargent	HC4-8700, 12-HC4-8700
2	707, 747 <sup>a</sup>	14	150	150	96	96	10	30	300	Out Swing	Surface Vertical Rod	Sargent	HC4-8700, 12-HC4-8700	Surface Bolt	Sargent	988
3	707, 747 <sup>a</sup>	14	150	150	96	96	10	30	300	Out Swing or In Swing*	Multi-Point Lock	Corbin Russwin Sargent	FE6600 FM7300	Surface Bolt	Corbin Russwin Sargent	988CR 988
4	707, 727, 747, 777, 777-E, 847 <sup>b,c</sup>	18	70	70	96	96	32	42	1344	Out Swing	Concealed Vertical Rod	Sargent	HC-MD-8600, HC-12-8600, HC-MD-12-8600, WS-MD-8600, WS-12-8600, WS-MD-12-8600	Concealed Vertical Rod	Sargent	HC-MD-8600, HC-12-8600, WS-MD-8600, WS-12-8600, WS-MD-12-8600
5	707, 727, 747, 777, 777-E, 847 <sup>b,c</sup>	18	70	70	96	96	32	42	1344	Out Swing	Rim Exit Device	Corbin Russwin Sargent Yale	ED5200S(A) x M107 HC8800, 12-HC8800 7150(F)WS/7250M(F)WS	Rim Exit Device	Corbin Russwin Sargent Yale	ED5200S(A) x M107 HC8800, 12-HC8800 7150(F)WS/7250M(F)WS
a - Glazing may be Vetrotech Keralite Ultra FR HI; b - Glazing may be Glasslam Safety Plus II;											c - Glazing may be 1/4" thick polycarbonate, Height limited to 42" d - Glazing may be Vetrotech Keralite Ultra FR HI; width is limited to 23" visible, Height is limited to 53" visible					
Hinges**		Butt	McKinney 4-1/2" x 4-1/2" 0.134" thick steel hinges or any FBC approved hinges may be used. Any SDI member hinge locations may be used.													
		Continuous	Markar FM100, FM200, FM300, FM3500, FM100, or FM1111; Pemko CFMSLF-HD continuous hinges may be used. Any FBC approved continuous hinge may be used.													
		Pivots	Rixson 195 Pivot set with M19 intermediate pivots may be used. Any FBC approved pivot may be used.													
Auxiliary Hardware		1" diameter preparations for door position switches, Door position switches that fit in a cutout measuring 1.25" x 4.875", and Securitron EPT, EPTL, CEPT and SEPT may be used. Maglocks may be used in addition to the hardware listed above. Viewers with 1" and smaller hole preparation may be used.														

\*In-Swing Configurations not approved for water infiltration. See Hardware notes for additional Hardware options.

\*\* SUBSTITUTIONS, WITH FBC COMPONENT APPROVALS, MAY BE USED AS LONG AS THE SUBSTITUTIONS ARE WITHIN THE LIMITING DESIGN PARAMETERS OF THIS APPROVAL AND THE COMPONENT APPROVAL.

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**CURRIES**  
 DIVISION OF ASSA ABLOY DOOR GROUP, INC.  
 1502 12TH STREET NW  
 MASON CITY, IA 50401  
 COMMERCIAL STEEL EXTERIOR DOORS  
 GLAZED PAIRS OF DOORS (LMT)  
 FBC SEVENTH EDITION (2020 FLORIDA PRODUCT APPROVALS)

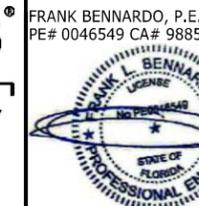
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INT ISSUE (12-CJ-03g-01)	KL	FLB	06/28/13
FBC UPDATE	RWN	CSL	06/12/15
2017 FBC UPDATE	JEM	FLB	10/03/17
2020 FBC UPDATE	TAE	FLB	12/17/20

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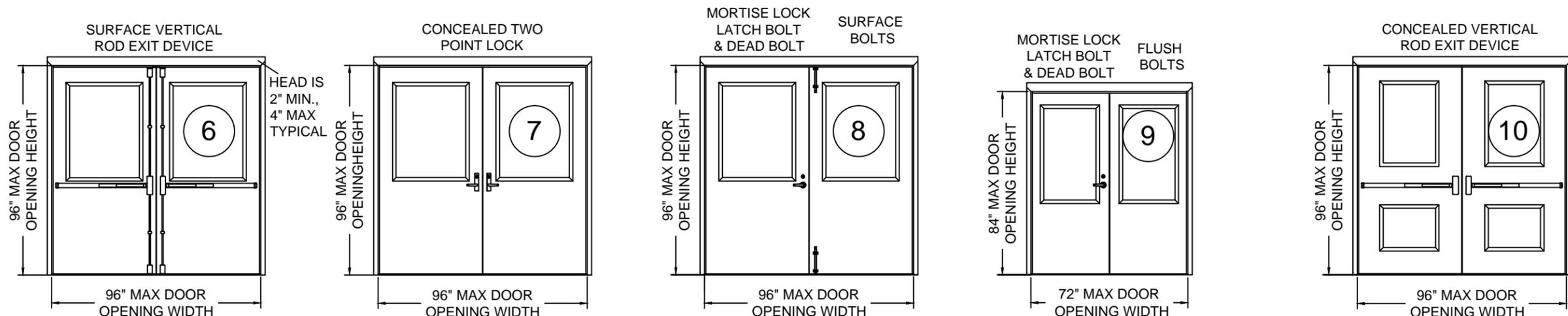
# CURRIES DOOR GLAZED PAIRS OF DOORS

PRODUCTS ILLUSTRATED IN THIS DOCUMENT ARE QUALIFIED FOR LARGE AND SMALL MISSILE IMPACT. LARGE MISSILE IMPACT IS 9 LB 2 X 4 AT 50 FEET PER SECOND OR 350 FT-LBS. (MISSILE LEVEL D) PRODUCT MEETS REQUIREMENTS OF THE HIGH VELOCITY HURRICANE ZONE.



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ASSEMBLY 6	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Required
+/-70 PSF	+/-60 PSF

ASSEMBLY 7	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Needed
+/-70 PSF	+/-60 PSF

ASSEMBLY 8	
Design Pressure Where Water Infiltration Is NOT Needed	Design Pressure Where Water Infiltration IS Required
+/-70 PSF	+/-60 PSF

ASSEMBLY 9	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Required
+/-70 PSF	+/-60 PSF

ASSEMBLY 10	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Required
+/-70 PSF	+/-60 PSF

Assembly	Door Series	Minimum Door Gauge	Maximum Design Pressure (psf)		Maximum Door Opening (inches)		Maximum Exposed Glass (inches)		Maximum Area per Leaf (sq. in.)	Door Swing	Latching Hardware Description Active			Latching Hardware Description In-Active		
			Positive	Negative	Width	Height	Width	Height			Type	Brand	Model	Type	Brand	Model
6	707, 727, 747, 777, 777-E, 847 <sup>b,c</sup>	18	70	70	96	96	32	42	1344	Out Swing	Surface Vertical Rod	Corbin Russwin Yale	ED5470(B) x M107 7170(F)WS	Surface Vertical Rod	Corbin Russwin Yale	ED5470(B) x M107 7170(F)WS
7	707, 727, 747, 777, 777-E, 847 <sup>b,c</sup>	18	70	70	96	96	32	42	1344	Out Swing	Concealed Two Point Lock	Sargent Corbin Russwin	WS-12-7000, HC-12-7000 MP9800 (A/B) x M107	Concealed Two Point Lock	Sargent Corbin Russwin	WS-12-7000, HC-12-7000 MP9800 (A/B) x M107
8	707, 727, 747, 847 <sup>b,c</sup>	16	70	70	96	96	32	42	1344	Out Swing or In Swing*	Mortise Lock Latch Bolt & Dead Bolt	Corbin Russwin Sargent Yale	ML2000, ML20600, ML20700, ML20800, ML20900 7800, 8200, R8200 8800	Surface Bolt	Corbin Russwin Sargent Yale	988CR 988 988Y
9	707, 727, 747, 847 <sup>b,c,d</sup>	16	70	70	72	84	24	42	1344	Out Swing or In Swing*	Mortise Lock Latch Bolt & Dead Bolt	Corbin Russwin Sargent Yale	ML2000, ML20600, ML20700, ML20800, ML20900 7800, 8200, R8200 8800	Flush Bolt	Rockwood	556WS
10	707, 727, 747, 847 <sup>a</sup>	16	70	70	96	96	23	53	1344	Out Swing	Concealed Vertical Rod	Sargent	HC-MD-8600, HC-12-8600, HC-MD-12-8600, WS-MD-8600, WS-12-8600, WS-MD-12-8600	Concealed Vertical Rod	Sargent	HC-MD-8600, HC-12-8600, HC-MD-12-8600, WS-MD-8600, WS-12-8600, WS-MD-12-8600
a - Glazing may be Vetrotech Keralite Ultra FR HI; b - Glazing may be Glasslam Safety Plus II; c - Glazing may be 1/4" thick polycarbonate, Height limited to 42"; d - Glazing may be Vetrotech Keralite Ultra FR HI; width is limited to 23" visible, Height is limited to 53" visible																
Hinges** Butt: McKinney 4-1/2" x 4-1/2" 0.134" thick steel hinges or any FBC approved hinges may be used. Any SDI member hinge locations may be used. Continuous: Markar FM100, FM200, FM300, FM3500, FM100, or FM1111; Pemko CFMSLF-HD continuous hinges may be used. Any FBC approved continuous hinge may be used. Pivots: Rixson 195 Pivot set with M19 intermediate pivots may be used. Any FBC approved pivot may be used.																
Auxiliary Hardware 1" diameter preparations for door position switches, Door position switches that fit in a cutout measuring 1.25" x 4.875", and Securitron EPT, EPTL, CEPT and SEPT may be used. Maglocks may be used in addition to the hardware listed above. Viewers with 1" and smaller hole preparation may be used.																

\*In-Swing Configurations not approved for water infiltration. See Hardware notes for additional Hardware options.

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 1502 12TH STREET NW  
 MASON CITY, IA 50401  
 COMMERCIAL STEEL EXTERIOR DOORS  
 GLAZED PAIRS OF DOORS (LMT)  
 FBC SEVENTH EDITION (2020 FLORIDA PRODUCT APPROVALS)

REMARKS	DRWN	CHKD	DATE
INT ISSUE (12-CJ-03g-01)	KL	FLB	06/28/13
FBC UPDATE	RWN	CSL	06/12/15
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2020 FBC UPDATE	TAE	FLB	12/17/20

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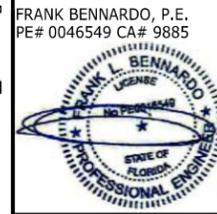
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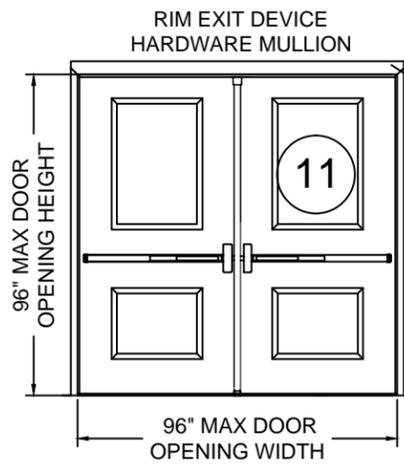
# CURRIES DOOR GLAZED PAIRS OF DOORS

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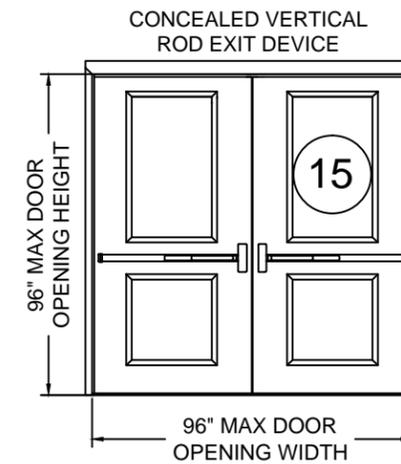
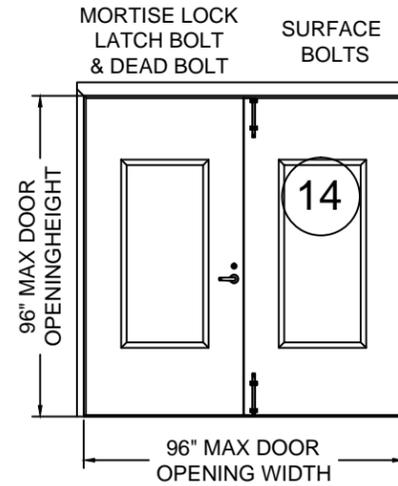
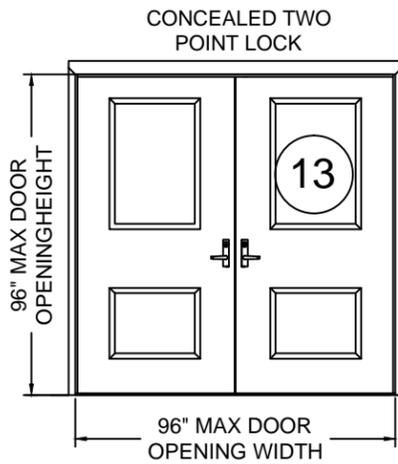
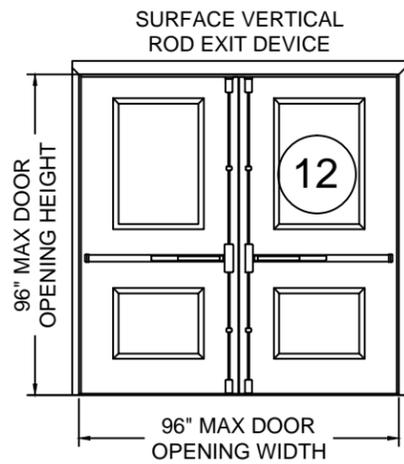


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HEAD IS 2" MIN., 4" MAX TYPICAL



ASSEMBLY 11	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Required
+/-70 PSF	+/-60 PSF

ASSEMBLY 12	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Required
+/-70 PSF	+/-60 PSF

ASSEMBLY 13	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Required
+/-70 PSF	+/-60 PSF

ASSEMBLY 14	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Required
+/-70 PSF	+/-60 PSF

ASSEMBLY 15	
Design Pressure Where Water Infiltration Is NOT Needed	Design Pressure Where Water Infiltration IS Needed
+/-60 PSF	+/-60 PSF

Assembly	Door Series	Minimum Door Gauge	Maximum Design Pressure (psf)		Maximum Door Opening (inches)		Maximum Exposed Glass (inches)		Maximum Area per Leaf (sq. in.)	Door Swing	Latching Hardware Description Active			Latching Hardware Description In-Active		
			Positive	Negative	Width	Height	Width	Height			Type	Brand	Model	Type	Brand	Model
11	707, 727, 747, 847 <sup>a</sup>	16	70	70	96	96	23	53	1219	Out Swing	Rim Exit Device	Corbin Russwin ED5200S(A) x M107	Rim Exit Device	Corbin Russwin ED5200S(A) x M107	Sargent HC8800, 12-HC8800	Yale 7150(F)WS/7250M(F)WS
12	707, 727, 747, 847 <sup>a</sup>	16	70	70	96	96	23	53	1219	Out Swing	Surface Vertical Rod	Corbin Russwin ED5470(B) x M107	Surface Vertical Rod	Corbin Russwin ED5470(B) x M107	Yale 7170(F)WS	
13	707, 727, 747, 847 <sup>a</sup>	16	70	70	96	96	23	53	1219	Out Swing	Concealed Two Point Lock	Sargent WS-12-7000, HC-12-7000	Concealed Two Point Lock	Sargent WS-12-7000, HC-12-7000	Corbin Russwin MP9800 (A/B) x M107	
14	707, 727, 747, 847 <sup>a</sup>	16	70	70	96	96	23	53	1219	Out Swing or In Swing*	Mortise Lock Latch Bolt & Dead Bolt	Corbin Russwin ML2000, ML20600, ML20700, ML20800, ML20900	Surface Bolt	Corbin Russwin 988CR	Sargent 7800, 8200, R8200	Yale 8800
15	707, 727, 747, 847 <sup>b,d,e</sup>	16	60	60	96	96	24	66	1584	Out Swing	Concealed Vertical Rod	Sargent HC-MD-8600, HC-12-8600, HC-MD-12-8600, WS-MD-8600, WS-12-8600, WS-MD-12-8600	Concealed Vertical Rod	Sargent HC-MD-8600, HC-12-8600, HC-MD-12-8600, WS-MD-8600, WS-12-8600, WS-MD-12-8600		

a - Glazing may be Vetrotech Keralite Ultra FR HI; c - Glazing may be 1/4" thick polycarbonate, Height limited to 42"

b - Glazing may be Glasslam Safety Plus II; d - Glazing may be Vetrotech Keralite Ultra FR HI; width is limited to 23" visible, Height is limited to 53" visible

e - 70 psf door design required

Hinges\*\*  
 Butt: McKinney 4-1/2" x 4-1/2" 0.134" thick steel hinges or any FBC approved hinges may be used. Any SDI member hinge locations may be used.  
 Continuous: Markar FM100, FM200, FM300, FM3500, FM100, or FM111; Pemko CFMSLF-HD continuous hinges may be used. Any FBC approved continuous hinge may be used.  
 Pivots: Rixson 195 Pivot set with M19 intermediate pivots may be used. Any FBC approved pivot may be used.

Auxiliary Hardware  
 1" diameter preparations for door position switches, Door position switches that fit in a cutout measuring 1.25" x 4.875", and Securitron EPT, EPTL, CEPT and SEPT may be used.  
 Maglocks may be used in addition to the hardware listed above. Viewers with 1" and smaller hole preparation may be used.

\*In-Swing Configurations not approved for water infiltration. See Hardware notes for additional Hardware options.

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2020 FBC UPDATE	TAE	FLB	12/17/20

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# CURRIES DOOR GLAZED PAIRS OF DOORS

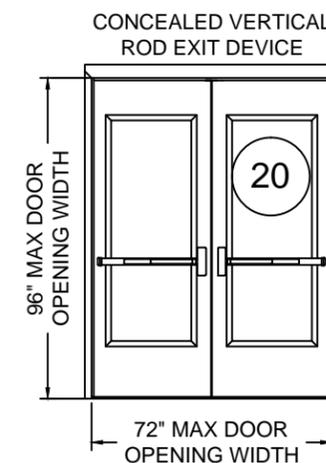
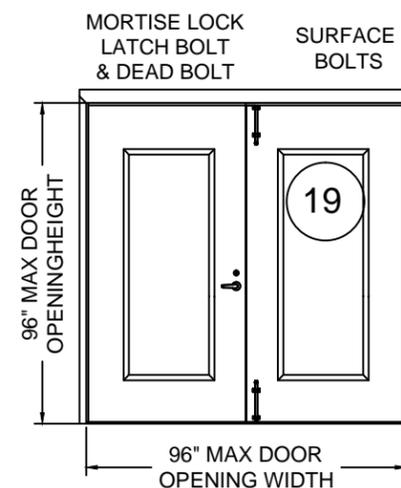
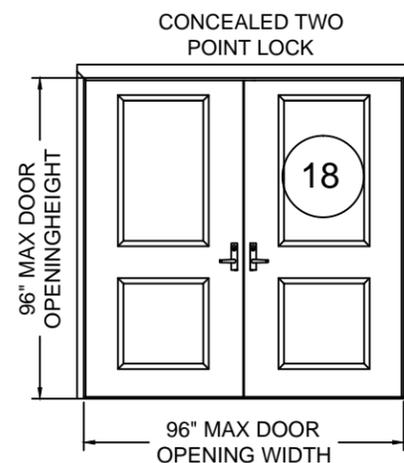
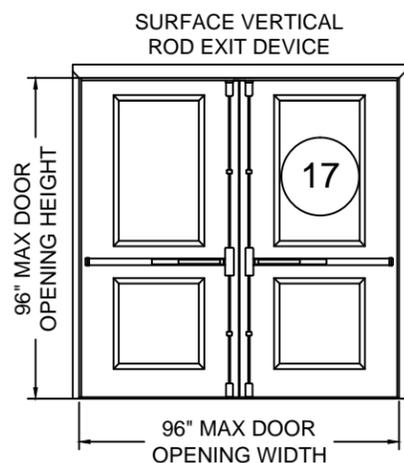
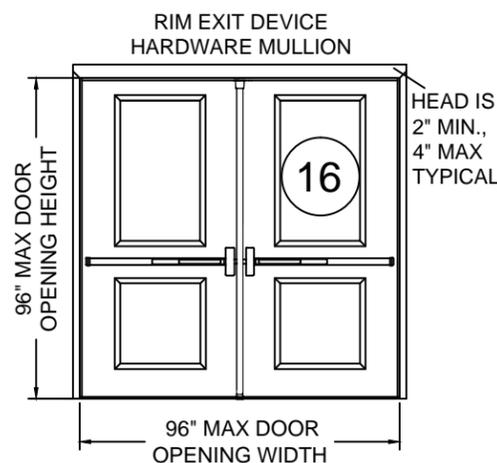
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FRANK BENNARDO, P.E.  
PE# 0046549 CA# 9885



FL#16353.3



ASSEMBLY 16	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Required
+/-60PSF	+/-60 PSF

ASSEMBLY 17	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Required
+/-60 PSF	+/-60 PSF

ASSEMBLY 18	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Needed
+/-60 PSF	+/-60 PSF

ASSEMBLY 19	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Required
+/-60 PSF	+/-60 PSF

ASSEMBLY 20	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Required
+/-60 PSF	+/-60 PSF

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DRWN	CHKD	DATE
KL	FLB	06/28/13
RWN	CSL	06/12/15
JEM	FLB	10/03/17
TAE	FLB	12/17/20

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Assembly	Door Series	Minimum Door Gauge	Maximum Design Pressure (psf)		Maximum Door Opening (inches)		Maximum Exposed Glass (inches)		Maximum Area per Leaf (sq. in.)	Door Swing	Latching Hardware Description Active			Latching Hardware Description In-Active		
			Positive	Negative	Width	Height	Width	Height			Type	Brand	Model	Type	Brand	Model
16	707, 727, 747, 847 <sup>b,c,d,e</sup>	16	60	60	96	96	24	66	1584	Out Swing	Rim Exit Device	Corbin Russwin Sargent Yale	ED5200S(A) x M107 HC8800, 12-HC8800 7150(F)WS/7250M(F)WS	Rim Exit Device	Corbin Russwin Sargent Yale	ED5200S(A) x M107 HC8800, 12-HC8800 7150(F)WS/7250M(F)WS
17	707, 727, 747, 847 <sup>b,c,d,e</sup>	16	60	60	96	96	24	66	1584	Out Swing	Surface Vertical Rod	Corbin Russwin Sargent Yale	ED5470(B) x M107 HC8700, 12-HC8700 7170(F)WS	Surface Vertical Rod	Corbin Russwin Sargent Yale	ED5470(B) x M107 HC8700, 12-HC8700 7170(F)WS
18	707, 727, 747, 847 <sup>b,c,d</sup>	16	70	70	96	96	23	53	1219	Out Swing	Concealed Two Point Lock	Sargent Corbin Russwin	WS-12-7000, HC-12-7000 MP9800 (A/B) x M107	Concealed Two Point Lock	Sargent Corbin Russwin	WS-12-7000, HC-12-7000 MP9800 (A/B) x M107
19	707, 727, 747, 847 <sup>a,e</sup>	16	60	60	96	96	24	66	1584	Out Swing or In Swing*	Mortise Lock Latch Bolt & Dead Bolt	Corbin Russwin Sargent Yale	ML2000, ML20600, ML20700, ML20800, ML20900 7800, 8200, R8200 8800	Surface Bolt	Corbin Russwin Sargent Yale	988CR 988 988Y
20	707, 727, 747, 847 <sup>b,c,d</sup>	16	60	60	72	96	24	66	1584	Out Swing	Concealed Vertical Rod	Sargent	HC-MD-8600, HC-12-8600, HC-MD-12-8600, WS-MD-8600, WS-12-8600, WS-MD-12-8600	Concealed Vertical Rod	Sargent	HC-MD-8600, HC-12-8600, HC-MD-12-8600, WS-MD-8600, WS-12-8600, WS-MD-12-8600

a - Glazing may be Vetrotech Keralite Ultra FR HI; c - Glazing may be 1/4" thick polycarbonate, Height limited to 42"  
b - Glazing may be Glasslam Safety Plus II; d - Glazing may be Vetrotech Keralite Ultra FR HI; width is limited to 23" visible, Height is limited to 53" visible  
e - 70 psf door design required

Hinges\*\*  
Butt: McKinney 4-1/2" x 4-1/2" 0.134" thick steel hinges or any FBC approved hinges may be used. Any SDI member hinge locations may be used.  
Continuous: Markar FM100, FM200, FM300, FM3500, FM100, or FM1111; Pemko CFMSLF-HD continuous hinges may be used. Any FBC approved continuous hinge may be used.  
Pivots: Rixson 195 Pivot set with M19 intermediate pivots may be used. Any FBC approved pivot may be used.  
Auxiliary Hardware: 1" diameter preparations for door position switches, Door position switches that fit in a cutout measuring 1.25" x 4.875", and Securitron EPT, EPTL, CEPT and SEPT may be used. Maglocks may be used in addition to the hardware listed above. Viewers with 1" and smaller hole preparation may be used.

\*In-Swing Configurations not approved for water infiltration. See Hardware notes for additional Hardware options.

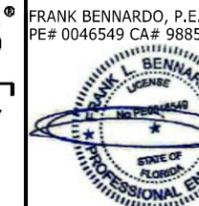
\*\* SUBSTITUTIONS, WITH FBC COMPONENT APPROVALS, MAY BE USED AS LONG AS THE SUBSTITUTIONS ARE WITHIN THE LIMITING DESIGN PARAMETERS OF THIS APPROVAL AND THE COMPONENT APPROVAL.

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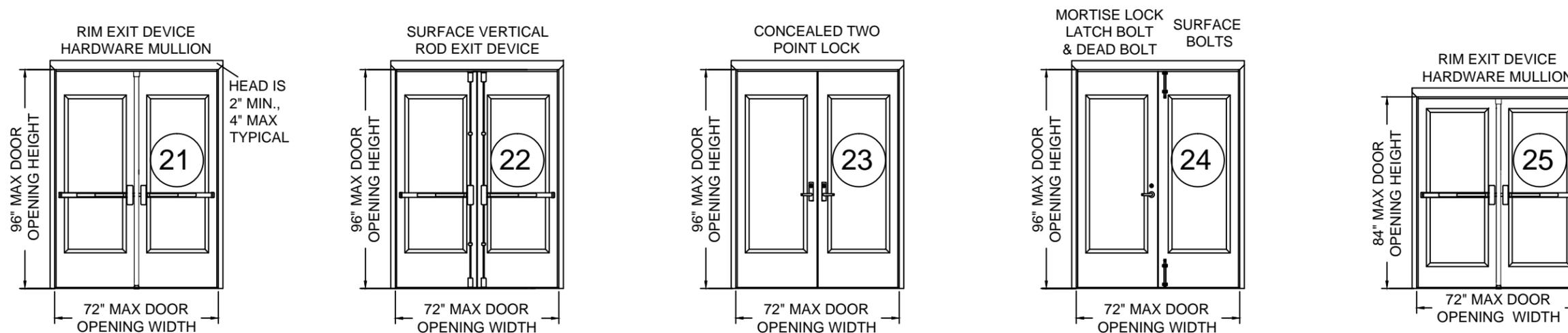
# CURRIES DOOR GLAZED PAIRS OF DOORS

PRODUCTS ILLUSTRATED IN THIS DOCUMENT ARE QUALIFIED FOR LARGE AND SMALL MISSILE IMPACT. LARGE MISSILE IMPACT IS 9 LB 2 X 4 AT 50 FEET PER SECOND OR 350 FT-LBS. (MISSILE LEVEL D) PRODUCT MEETS REQUIREMENTS OF THE HIGH VELOCITY HURRICANE ZONE.



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ASSEMBLY 21	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Required
+/-60PSF	+/-60 PSF

ASSEMBLY 22	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Required
+/-60 PSF	+/-60 PSF

ASSEMBLY 23	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Required
+/-60 PSF	+/-60 PSF

ASSEMBLY 24	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Required
+/-60 PSF	+/-60 PSF

ASSEMBLY 25	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Required
+/-60PSF	+/-60 PSF

Assembly	Door Series	Minimum Door Gauge	Maximum Design Pressure (psf)		Maximum Door Opening (inches)		Maximum Exposed Glass (inches)		Maximum Area per Leaf (sq. in.)	Door Swing	Latching Hardware Description Active			Latching Hardware Description In-Active		
			Positive	Negative	Width	Height	Width	Height			Type	Brand	Model	Type	Brand	Model
21	707, 727, 747, 847 <sup>b,c,d</sup>	16	60	60	72	96	24	66	1584	Out Swing	Rim Exit Device	Corbin Russwin	ED5200S(A) x M107	Rim Exit Device	Corbin Russwin	ED5200S(A) x M107
											Sargent	HC8800, 12-HC8800	Sargent	HC8800, 12-HC8800		
											Yale	7150(F)WS/7250M(F)WS	Yale	7150(F)WS/7250M(F)WS		
22	707, 727, 747, 847 <sup>b,c,d</sup>	16	60	60	72	96	24	66	1584	Out Swing	Surface Vertical Rod	Corbin Russwin	ED5470 x M107	Surface Vertical Rod	Corbin Russwin	ED5470 x M107
											Sargent	HC8700, 12-HC8700	Sargent	HC8700, 12-HC8700		
											Yale	7170(F)WS	Yale	7170(F)WS		
23	707, 727, 747, 847 <sup>b,c,d</sup>	16	60	60	72	96	24	66	1584	Out Swing	Concealed Two Point Lock	Sargent	WS-12-7000, HC-12-7000	Concealed Two Point Lock	Sargent	WS-12-7000, HC-12-7000
											Corbin Russwin	MP9800 (A/B) x M107	Corbin Russwin	MP9800 (A/B) x M107		
24	707, 727, 747, 847 <sup>b,c,d</sup>	16	60	60	72	96	24	66	1584	Out Swing or In Swing*	Mortise Lock Latch Bolt & Dead Bolt	Corbin Russwin	ML2000, ML20600, ML20700, ML20800, ML20900	Surface Bolt	Corbin Russwin	988CR
											Sargent	7800, 8200, R8200	Sargent	988		
25	707, 727, 747, 847 <sup>b,c,d</sup>	18	60	60	72	84	24	66	1584	Out Swing	Rim Exit Device	Corbin Russwin	ED5200S(A) x M107	Rim Exit Device	Corbin Russwin	ED5200S(A) x M107
											Sargent	12-HC8800, HC8800	Sargent	12-HC8800, HC8800		
											Yale	7150(F)WS/7250M(F)WS	Yale	7150(F)WS/7250M(F)WS		

a - Glazing may be Vetrotech Keralite Ultra FR HI;

b - Glazing may be Glasslam Safety Plus II;

c - Glazing may be 1/4" thick polycarbonate, Height limited to 42"

d - Glazing may be Vetrotech Keralite Ultra FR HI; width is limited to 23" visible, Height is limited to 53" visible

Hinges\*\*  
 Butt McKinney 4-1/2" x 4-1/2" 0.134" thick steel hinges or any FBC approved hinges may be used. Any SDI member hinge locations may be used.  
 Continuous Markar FM100, FM200, FM300, FM3500, FM100, or FM1111; Pemko CFMSLF-HD continuous hinges may be used. Any FBC approved continuous hinge may be used.  
 Pivots Rixson 195 Pivot set with M19 intermediate pivots may be used. Any FBC approved pivot may be used.

Auxiliary Hardware  
 1" diameter preparations for door position switches, Door position switches that fit in a cutout measuring 1.25" x 4.875", and Securitron EPT, EPTL, CEPT and SEPT may be used.  
 Maglocks may be used in addition to the hardware listed above. Viewers with 1" and smaller hole preparation may be used.

\*In-Swing Configurations not approved for water infiltration. See Hardware notes for additional Hardware options.

\*\* SUBSTITUTIONS, WITH FBC COMPONENT APPROVALS, MAY BE USED AS LONG AS THE SUBSTITUTIONS ARE WITHIN THE LIMITING DESIGN PARAMETERS OF THIS APPROVAL AND THE COMPONENT APPROVAL.

**CURRIES**  
 DIVISION OF ASSA ABLOY DOOR GROUP, INC.  
 1502 12TH STREET NW  
 MASON CITY, IA 50401  
 COMMERCIAL STEEL EXTERIOR DOORS  
 GLAZED PAIRS OF DOORS (LMT)  
 FBC SEVENTH EDITION (2020 FLORIDA PRODUCT APPROVALS)

REMARKS	DRWN	CHKD	DATE
INT ISSUE (12-CU-03g-01)	KL	FLB	06/28/13
FBC UPDATE	RWN	CSL	06/12/15
2017 FBC UPDATE	JEM	FLB	10/03/17
2020 FBC UPDATE	TAE	FLB	12/17/20

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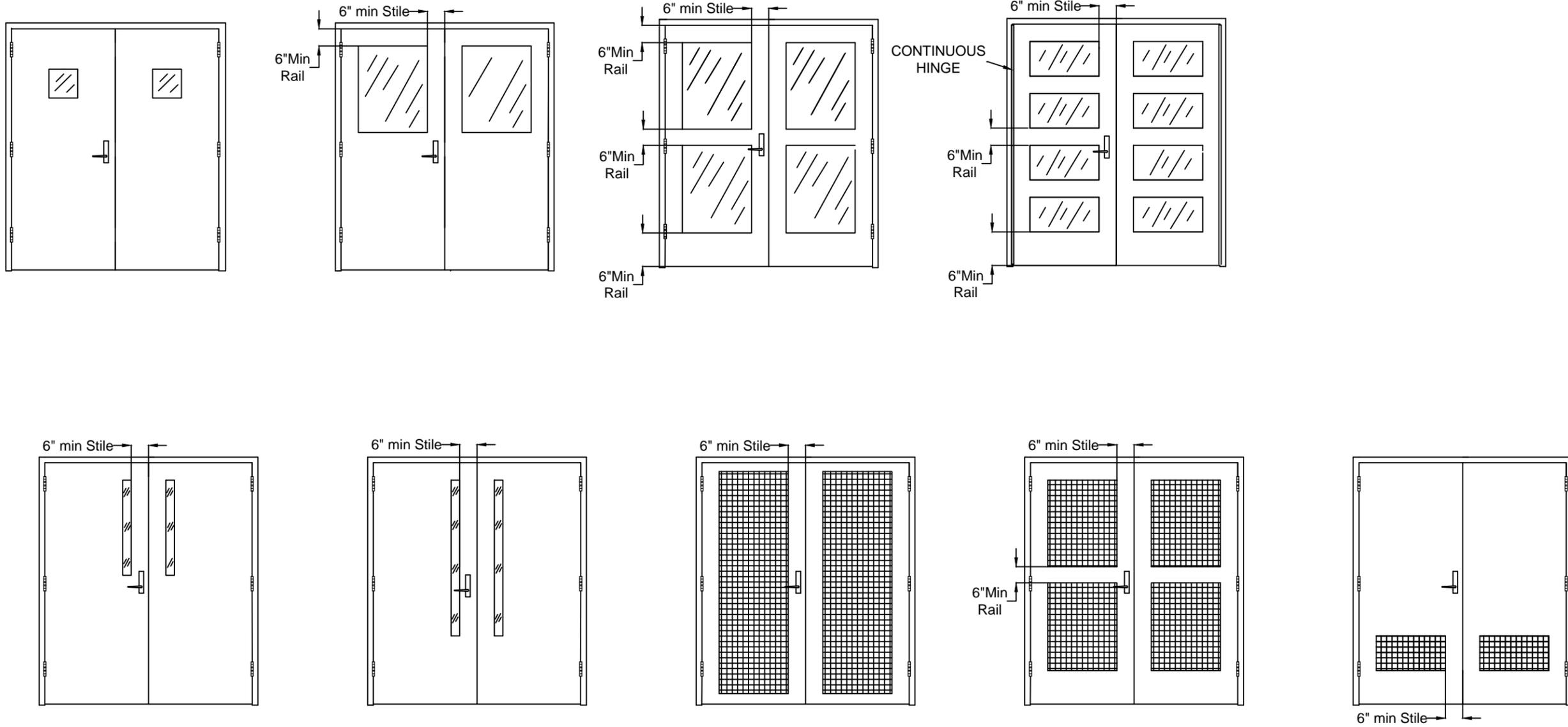
# CURRIES GLAZED PAIRS OF DOORS ADDITIONAL ELEVATIONS

PRODUCTS ILLUSTRATED IN THIS DOCUMENT ARE QUALIFIED FOR LARGE AND SMALL MISSILE IMPACT. LARGE MISSILE IMPACT IS 9 LB 2 X 4 AT 50 FEET PER SECOND OR 350 FT-LBS. PRODUCT MEETS REQUIREMENTS OF HIGH VELOCITY HURRICANE ZONE.



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## OPTIONAL ELEVATIONS



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# CURRIES GLAZED DOORS INFORMATION FOR SINGLE DOORS OR PAIRS OF DOORS

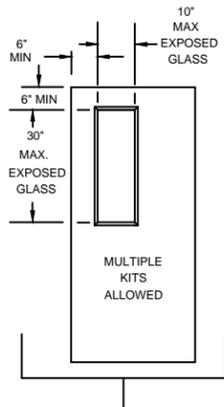
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## GLAZING OPTION VETROTECH KERALITE ULTRA IGU HI

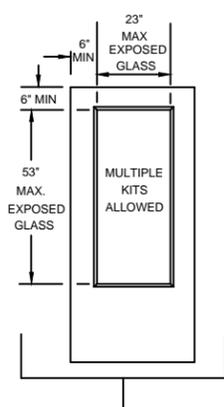


MAX DESIGN PRESSURE +/- 150 PSF

## VETROTECH KERALITE ULTRA HI

- 1.) DESIGN PRESSURE 150 PSF
- 2.) MAXIMUM SIZE 10" X 30".
- 3.) MAXIMUM AREA PER LEAF IS 300 SQ. IN.
- 4.) MULTIPLE LIGHTS ALLOWED

## GLAZING OPTION VETROTECH KERALITE ULTRA IGU HI

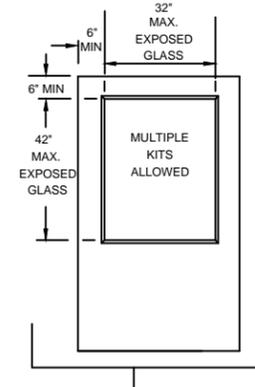


MAX DESIGN PRESSURE +/- 70 PSF

## VETROTECH KERALITE ULTRA HI

- 1.) DESIGN PRESSURE 70 PSF
- 2.) MAXIMUM SIZE 23" X 53".
- 3.) MAXIMUM AREA PER LEAF IS 1214 SQ. IN.
- 4.) MULTIPLE LIGHTS ALLOWED

## GLAZING OPTION GLASSLAM SAFETY PLUS II LAMINATED GLASS OR 1/4" THICK MAKROLON POLYCARBONATE SHEET BY BAYER MATERIAL SCIENCE, LLC

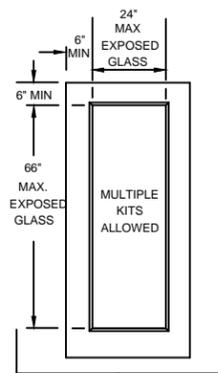


MAX DESIGN PRESSURE +/- 70 PSF

## GLASSLAM SAFETY PLUS II AND POLYCARBONATE

- 1.) DESIGN PRESSURE 70 PSF
- 2.) MAXIMUM SIZE 32" X 42".
- 3.) MAXIMUM AREA PER LEAF IS 1344 SQ. IN.
- 4.) MULTIPLE LIGHTS ALLOWED
- 5.) POLYCARBONATE USED IN THE HVHZ MUST HAVE A VALID NOA.

## GLAZING OPTION GLASSLAM SAFETY PLUS II LAMINATED GLASS

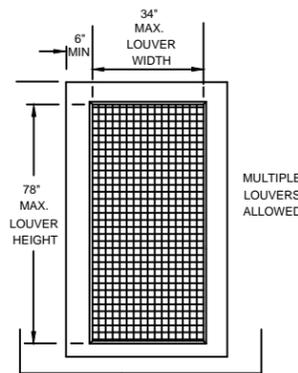


MAX DESIGN PRESSURE +/- 60 PSF

## GLASSLAM SAFETY PLUS II

- 1.) DESIGN PRESSURE 60 PSF
- 2.) MAXIMUM GLASS SIZE 24" X 66"
- 3.) MAXIMUM GLASS AREA PER LEAF IS 1584 SQ. IN.
- 4.) MULTIPLE LIGHTS ALLOWED.

## GLAZING OPTION ROCKWOOD LV-WS LOUVER

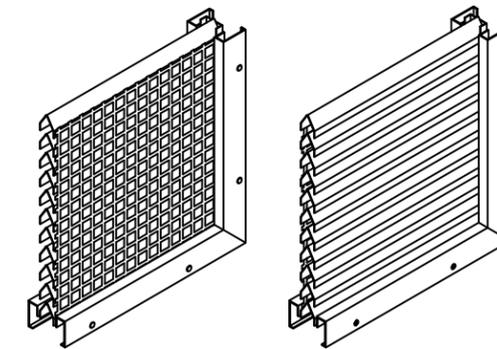


MAX DESIGN PRESSURE +/- 70 PSF

## PEMCO LV-WS LOUVER

- 1.) DESIGN PRESSURE - 70 PSF MAX.
- 2.) MAXIMUM LOUVER SIZE IS 34" X 78". MAY BE USED WITH CYLINDRICAL LOCKS AND MORTISE LOCKS. CONTACT FACTORY FOR LIMITATIONS WHEN USING EXIT DEVICES.
- 3.) 6" MINIMUM STILES AND RAILS REQUIRED.
- 4.) MULTIPLE LOUVERS ALLOWED PER DOOR UP TO 3652 SQ. IN.
- 5.) SURROUND CHANNEL REQUIRED.
- 6.) LOUVER NOT APPROVED FOR AIR OR WATER INFILTRATION

## ROCKWOOD LV-WS LOUVER



SECURITY GRILLE

EXTERIOR

INTERIOR

18 GA. MIN. SURROUND CHANNEL



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FBC UPDATE	RWN	CSL	06/12/15
2017 FBC UPDATE	JEM	FLB	10/03/17
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# CURRIES GLAZED DOORS - GLASSLAM SAFETY PLUS II INSTALLATION INSTRUCTIONS

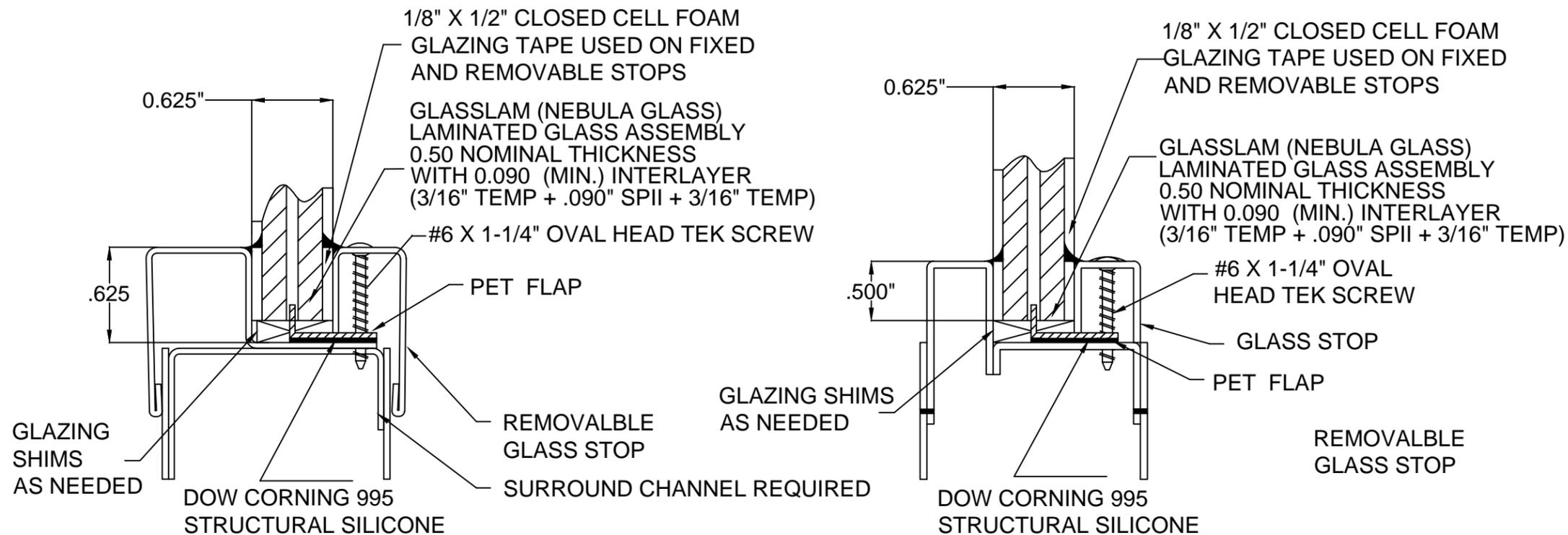
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**CURRIES**  
**ASSA ABLOY**



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## GLAZING INSTRUCTIONS

- 1) Before removing the removable stops, check to be sure there are screws in every hole. Pre-drill holes with a #36 bit where there are screw holes but no screws. Do not remove stops.
- 2) Using a pencil, mark alignment marks on the removable stops and the door.
- 3) Unscrew the oval head TEK screws from the removable stops and remove the removable stops. Keep the screws.
- 4) Apply 1/8" x 1/2" closed cell foam glazing tape to the fixed stop.
- 5) If there is plastic release on the foam glazing tape, pull the plastic release back about 2" from each end of the foam tape. Pull the plastic release around the fixed stop so it can be grasped after placing the Glasslam on the unexposed foam tape.
- 6) If there is paper release on the foam glazing tape, remove the paper release before glazing. Spray the exposed foam tape with a mild soap solution immediately before placing the Glasslam on the exposed foam tape.
- 7) Place glazing shims, as needed, then set the Glasslam on the foam glazing tape.
- 8) Adjust the Glasslam assembly, as necessary, to center the assembly in the cutout.
- 9) If the release is plastic, grasp the free end of the plastic release, while holding the Glasslam to keep it from moving. Then slowly pull the plastic release off the foam tape that was applied to the fixed stop.
- 10) Trim the PET flap so it does not extend beyond the removable glass stop.
- 11) Take a putty knife and insert it between the PET flap and the edge of the cutout in the door. Using the putty knife pull the PET flap away from the cutout in the door.
- 12) While holding the PET flap back away from the cutout with the putty knife, use a caulking gun to apply Dow Corning 995 silicone between the PET flap and the steel in the cutout of the door.

**IMPORTANT: Ensure that the Dow Corning 995 silicone fully wets out or covers the PET flap and comes in contact with the steel around the cutout in the door.**

- 13) Slowly move the putty knife around the door ahead of the caulking gun and apply the 995 silicone around the entire cutout in the door.
- 14) Apply 1/8" x 1/2" closed cell foam glazing tape to the removable stop.
- 15) If there is plastic release on the foam glazing tape, pull the plastic release back about 2" from each end of the foam tape. Pull the plastic release around the removable stop so it can be grasped after placing the removable stop on the polycarbonate.
- 16) If there is paper release on the foam glazing tape, remove the paper. Spray the exposed foam tape with a mild soap solution immediately before placing the removable stops against the Glasslam.
- 17) Using the alignment marks, position the removable stops against the Glasslam.
- 18) Install and tighten the oval head TEK screws in the removable stops. Be careful not to over tighten.
- 19) If the release is plastic, grasp the free end of the plastic release, and slowly pull the plastic release off the foam tape that was applied to the removable stop.

**CURRIES**  
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GLAZED PAIRS OF DOORS (LMT)  
FBC SEVENTH EDITION (2020 FLORIDA PRODUCT APPROVALS)

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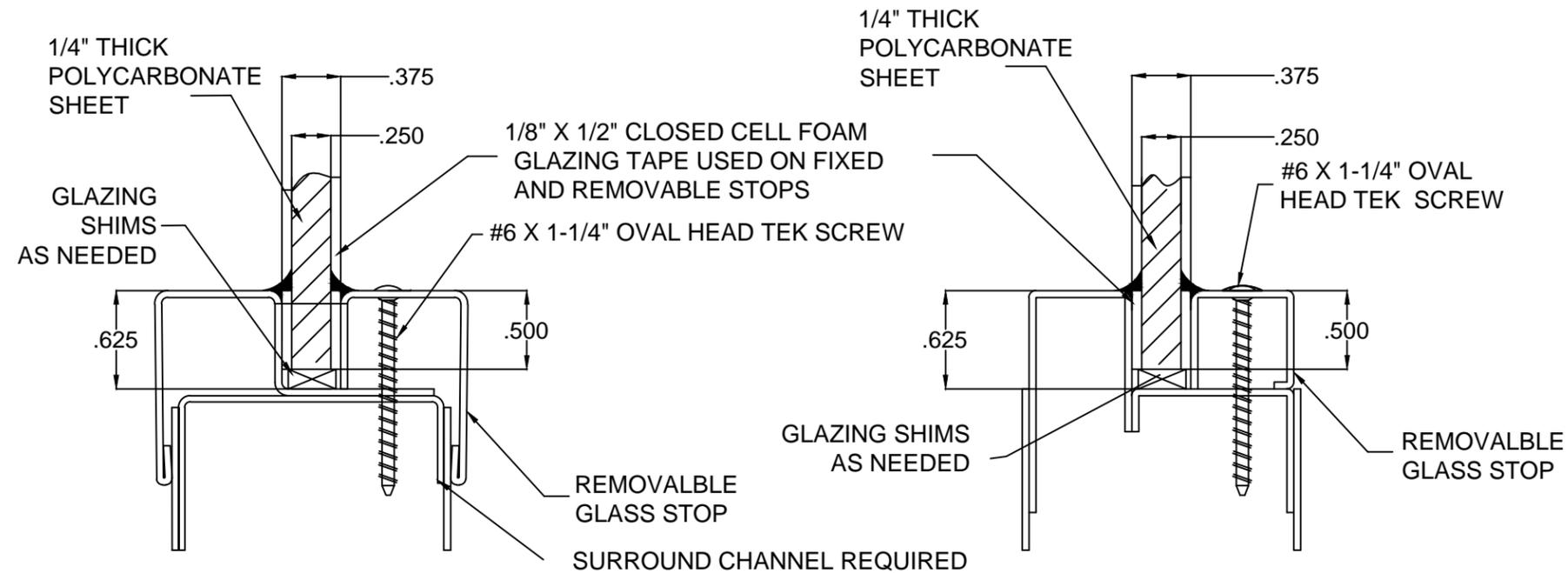
# CURRIES GLAZED DOORS - 1/4" POLYCARBONATE INSTALLATION INSTRUCTIONS

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**CURRIES**  
**ASSA ABLOY**



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## GLAZING INSTRUCTIONS

- 1) Before removing the removable stops, check to be sure there are screws in every hole. Pre-drill holes with a #36 bit where there are screw holes but no screws. Do not remove stops.
- 2) Using a pencil, mark alignment marks on the removable stops and the door.
- 3) Unscrew the oval head TEK screws from the removable stops and remove the removable stops. Keep the screws.
- 4) Apply 1/8" x 1/2" closed cell foam glazing tape to the fixed stop.
- 5) If there is plastic release on the foam glazing tape, pull the plastic release back about 2" from each end of the foam tape. Pull the plastic release around the fixed stop so it can be grasped after placing the Glasslam on the unexposed foam tape.
- 6) If there is paper release on the foam glazing tape, remove the paper release before glazing. Spray the exposed foam tape with a mild soap solution immediately before placing the Glasslam on the exposed foam tape.
- 7) Place glazing shims, as needed, then set the Glasslam on the foam glazing tape.
- 8) Adjust the Glasslam assembly, as necessary, to center the assembly in the cutout.
- 9) If the release is plastic, grasp the free end of the plastic release, while holding the Glasslam to keep it from moving. Then slowly pull the plastic release off the foam tape that was applied to the fixed stop.
- 10) Trim the PET flap so it does not extend beyond the removable glass stop.
- 11) Take a putty knife and insert it between the PET flap and the edge of the cutout in the door. Using the putty knife pull the PET flap away from the cutout in the door.
- 12) While holding the PET flap back away from the cutout with the putty knife, use a caulking gun to apply Dow Corning 995 silicone between the PET flap and the steel in the cutout of the door.

**IMPORTANT: Ensure that the Dow Corning 995 silicone fully wets out or covers the PET flap and comes in contact with the steel around the cutout in the door.**

- 13) Slowly move the putty knife around the door ahead of the caulking gun and apply the 995 silicone around the entire cutout in the door.
- 14) Apply 1/8" x 1/2" closed cell foam glazing tape to the removable stop.
- 15) If there is plastic release on the foam glazing tape, pull the plastic release back about 2" from each end of the foam tape. Pull the plastic release around the removable stop so it can be grasped after placing the removable stop on the polycarbonate.
- 16) If there is paper release on the foam glazing tape, remove the paper. Spray the exposed foam tape with a mild soap solution immediately before placing the removable stops against the Glasslam.
- 17) Using the alignment marks, position the removable stops against the Glasslam.
- 18) Install and tighten the oval head TEK screws in the removable stops. Be careful not to over tighten.
- 19) If the release is plastic, grasp the free end of the plastic release, and slowly pull the plastic release off the foam tape that was applied to the removable stop.
- 20) Using the Dow Corning 995 silicone or other high quality silicone, apply a cap bead over the closed cell foam tape on the exterior side of the door vision light kit.

**CURRIES**  
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FBC SEVENTH EDITION (2020 FLORIDA PRODUCT APPROVALS)

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# CURRIES DOOR GLAZED PAIRS OF DOORS

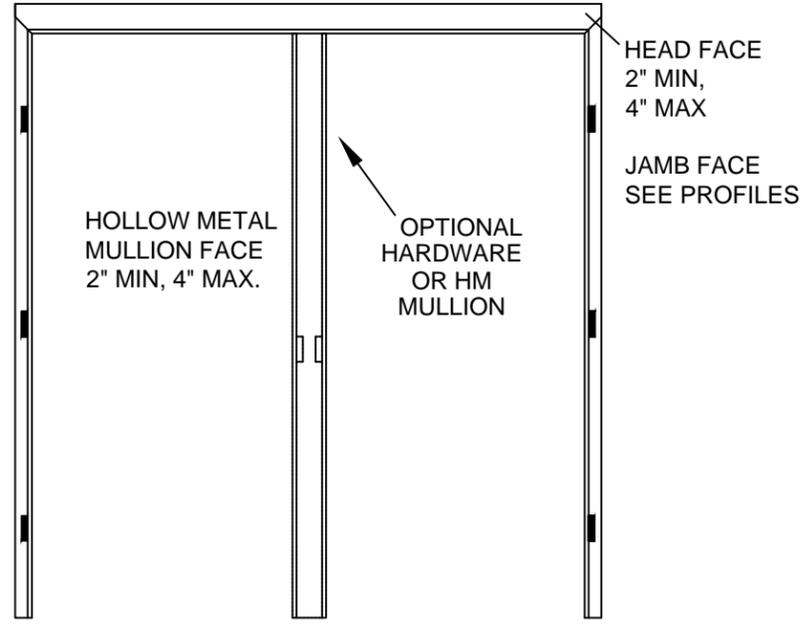
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 PRODUCT MEETS REQUIREMENTS OF THE HIGH VELOCITY HURRICANE ZONE.



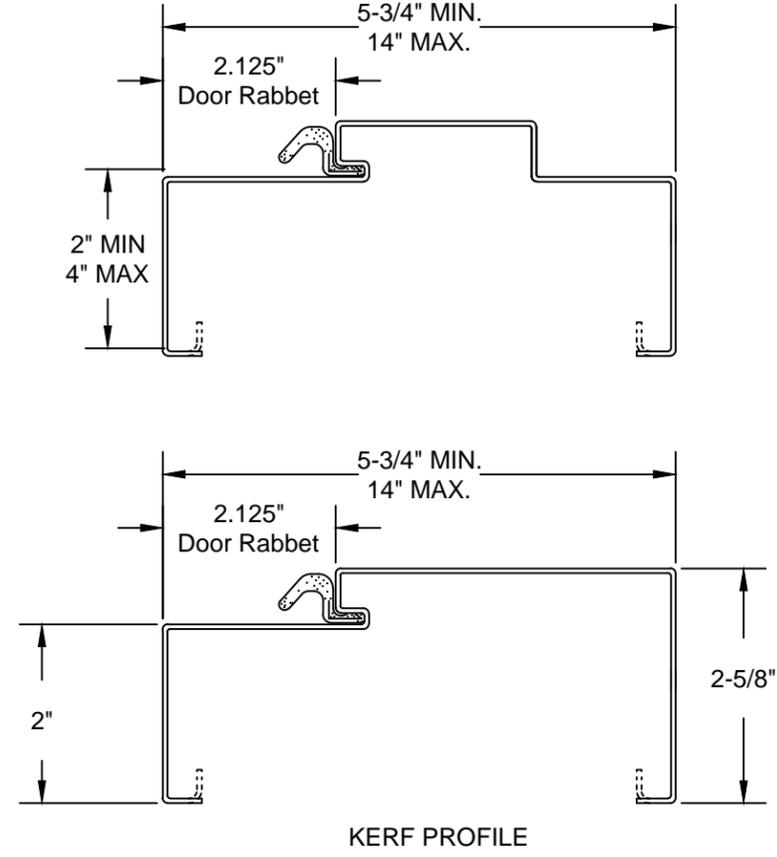
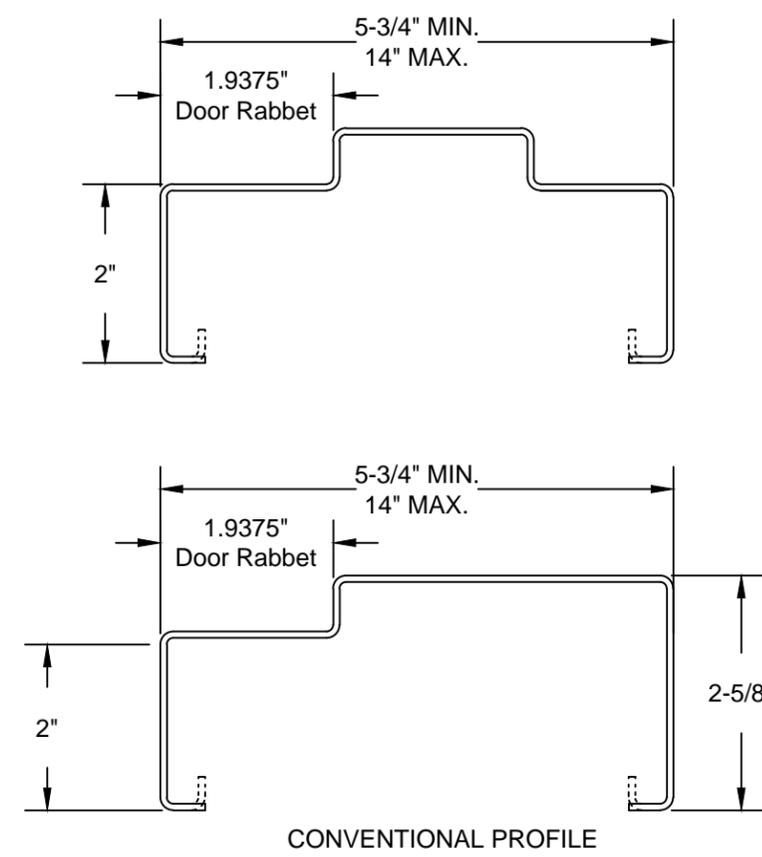
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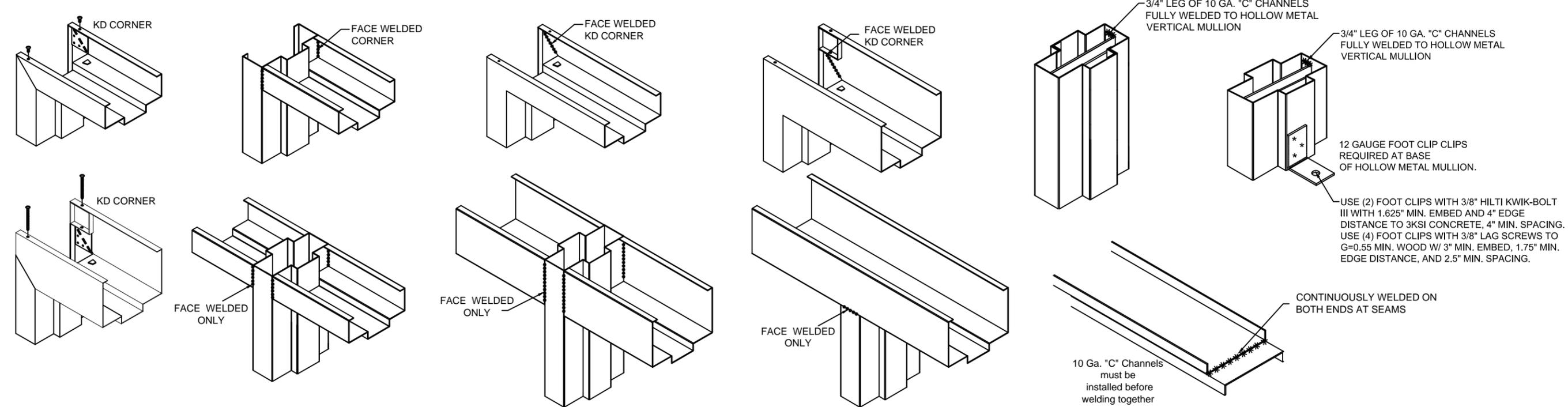
## FRAME PROFILES



8'0" X 8'0" MAX.  
 4" MIN./14" MAX. DEPTH  
 KD 16 GA. MIN.  
 WELDED 16 GA MIN., 12 GA. MAX.  
 MAX DESIGN PRESSURE WITHOUT MULLIONS +/-150 PSF  
 MAX DESIGN PRESSURE WITH MULLIONS +/-70 PSF  
 FOUR SIDED DOOR FRAME WITH FACE WELDED CORNERS ALSO PERMITTED



## FRAME CONSTRUCTION OPTIONS



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DRWN	CHKD	DATE
KL	FLB	06/28/13
RWN	CSL	06/12/15
JEM	FLB	10/03/17
TAE	FLB	12/17/20

REMARKS  
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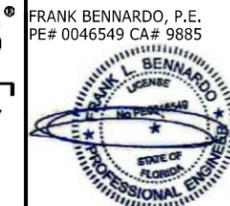
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# CURRIES FRAME ANCHOR INFORMATION

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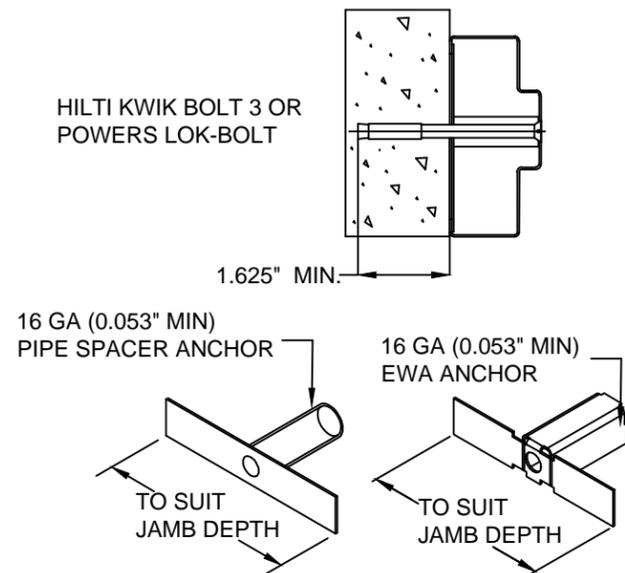
13 OF 17

FL# 16353.3

1/4" MAX. THICK A-36 STEEL SHIMS WELDED TO STRUCTURAL BUILDING MEMBER WITH FILLET WELDS MEASURING 2" LONG AND SIZED AS FOLLOWS USING E6018 ELECTRODES. FILLET WELD SIZE SAME AS SHIM THICKNESS FOR 0.053" TO 0.125" SHIM THICKNESS. WELD SIZE 1/8" FOR > 0.125" TO 1/4" SHIM THICKNESS.

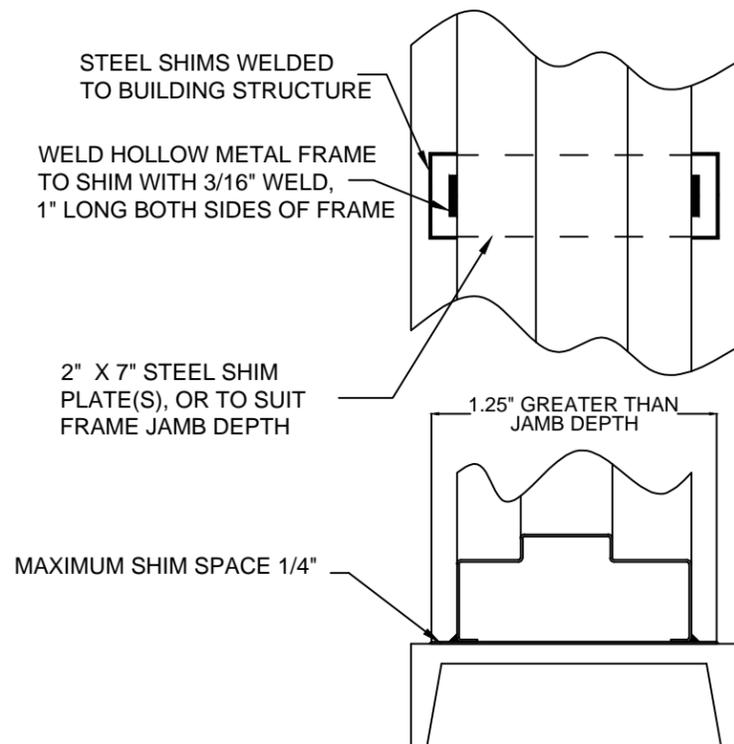
EXISTING MASONRY OR POURED CONCRETE, 3000 psi MIN.  
 WELDED PIPE SPACER OR EWA ANCHOR WITH 3/8" EXPANSION ANCHOR BOLTS USING 3/8" GRADE 5 BOLT  
 MINIMUM EDGE DISTANCE = 4.0" FOR CONCRETE  
 MINIMUM EDGE DISTANCE = 3 3/4" FOR C.M.U  
 MAXIMUM SHIM THICKNESS = 0.25"

HILTI KWIK BOLT 3 OR POWERS LOK-BOLT



STEEL SHIMS WELDED TO BUILDING STRUCTURE

WELD HOLLOW METAL FRAME TO SHIM WITH 3/16" WELD, 1" LONG BOTH SIDES OF FRAME

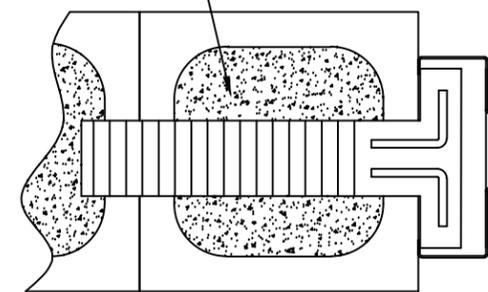


2" X 7" STEEL SHIM PLATE(S), OR TO SUIT FRAME JAMB DEPTH

1.25" GREATER THAN JAMB DEPTH

MAXIMUM SHIM SPACE 1/4"

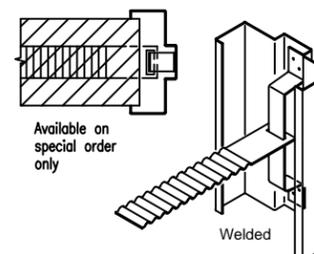
MAXIMUM SHIM THICKNESS 0.25  
 CMU BLOCK AND THROAT OF FRAME FILLED WITH 3000 PSI MORTAR



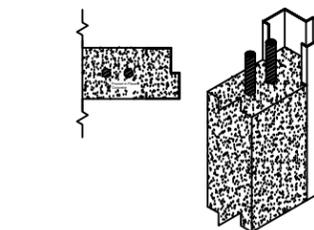
MASONRY WIRE ANCHOR 0.165" DIA. MIN.

16 GA (0.053" MIN) MASONRY T ANCHOR

OPERATING RANGE 3" - 8 3/4"



YOKE AND STRAP MASONRY ANCHOR



CAST IN PLACE FRAME

Expansion Shell, Masonry Strap, Masonry T, Masonry Wire, and Welded to the Building Structure Anchor Requirements for Jamb

Opening Height (inches)	Up to an including 70 psf		
	Max. Distance From End of Jamb	Min. Anchor Quantity	Maximum Spacing (inches)
Up to 84"	12	4	24
90"	12	4	24
92"-96"	12	4	24
<b>Expansion Shell Anchor Requirements for Heads of Paired Frames</b>			
70 psf	2 anchors in the head		
<b>Welded to the Building Structure Anchor Requirements for Heads of Paired Frames</b>			
70 psf	2 anchors in the head		

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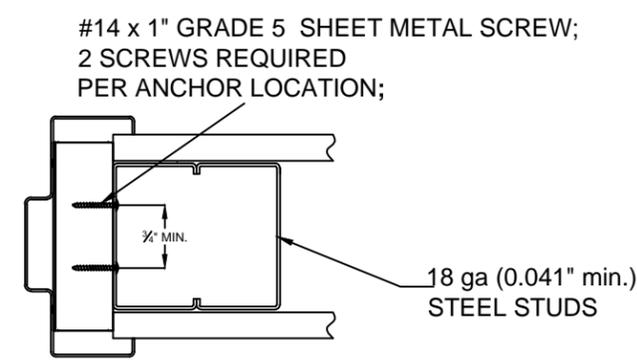
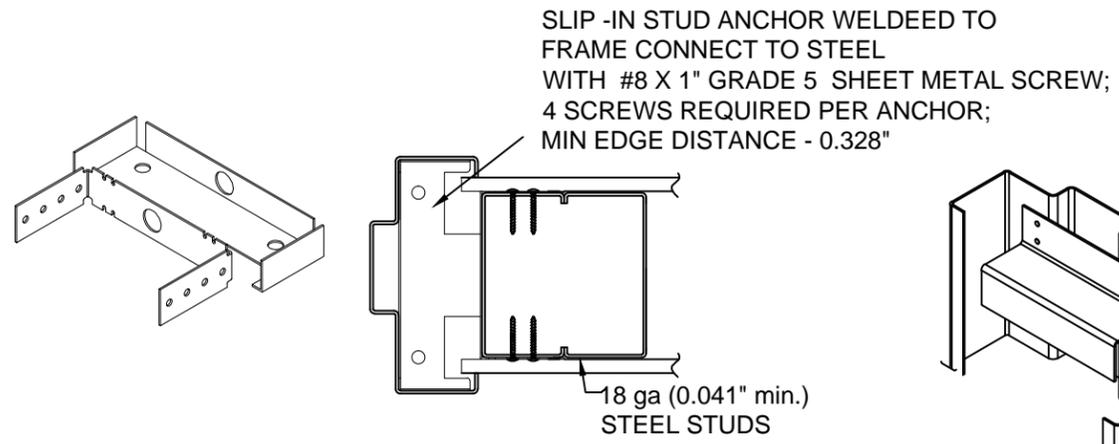
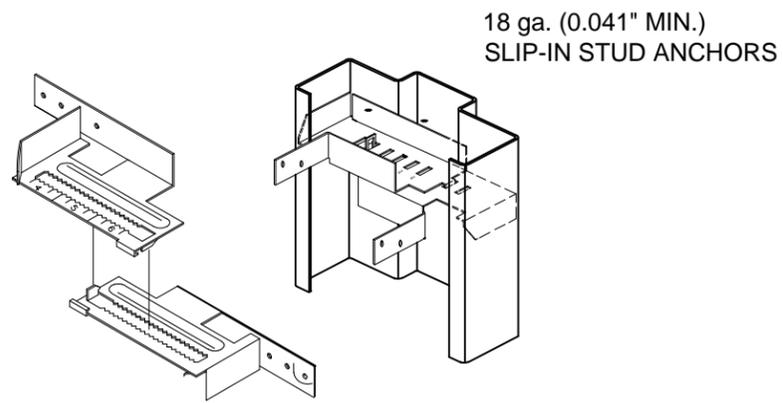
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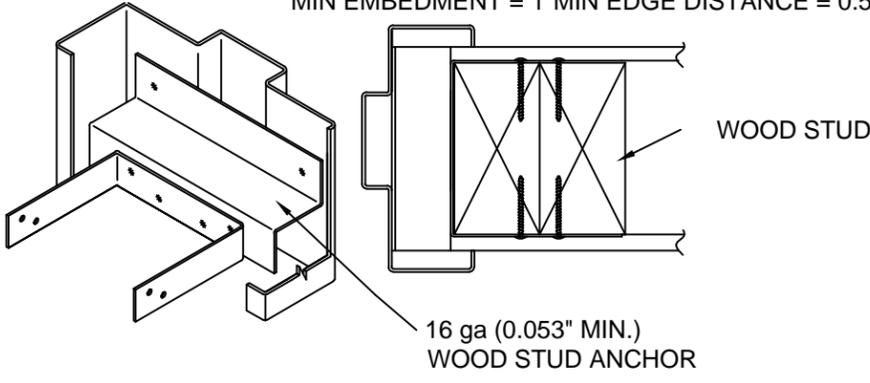


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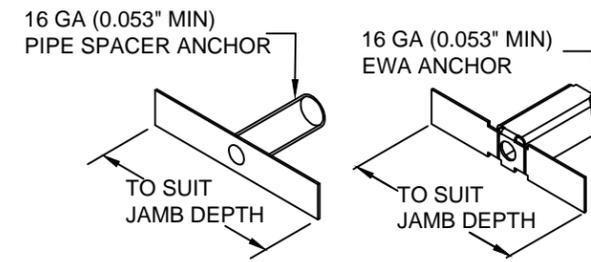
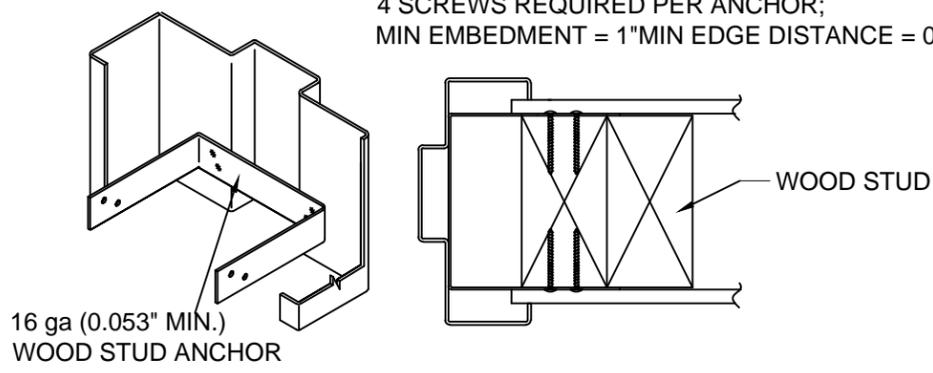
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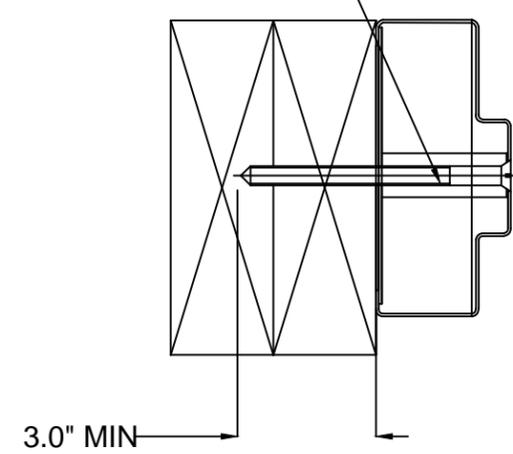
WELDED WOOD STUD ANCHOR  
WITH #8 X 1" GRADE 5 SHEET METAL SCREW;  
4 SCREWS REQUIRED PER ANCHOR;  
MIN EMBEDMENT = 1" MIN EDGE DISTANCE = 0.524"



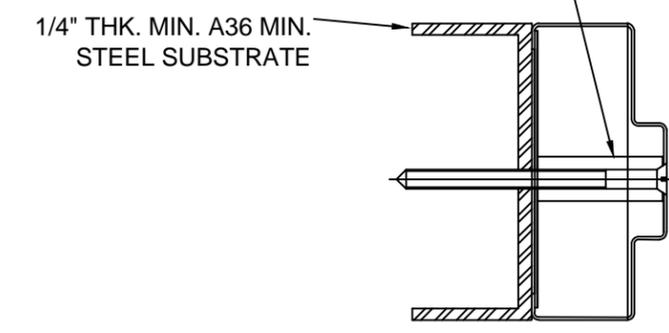
WELED WOOD STUD ANCHOR  
WITH #8 X 1" GRADE 5 SHEET METAL SCREW;  
4 SCREWS REQUIRED PER ANCHOR;  
MIN EMBEDMENT = 1" MIN EDGE DISTANCE = 0.524"



WELDED PIPE SPACER OR EWA ANCHOR WITH 3/8" WOOD SCREW OR LAG BOLT  
MINIMUM EDGE DISTANCE = 1.75" MAXIMUM SHIM THICKNESS = 0.25"



WELDED PIPE SPACER ANCHOR OR EWA WITH 3/8" (GRADE 2 MIN.) TAP-IN BOLT WITH 3 PINCHES PASSED THE THREAD PLANE. MINIMUM EDGE DISTANCE = 1.75" MAXIMUM SHIM THICKNESS = 0.25"



Stud Anchor Requirements for Paired Frame Jamb			
Up to an including 70 psf			
Opening Height (inches)	Max. Distance From End of Jamb	Min. Anchor Quantity	Maximum Spacing (inches)
Up to 88"	12	4	21
90"	12	5	21
92"-96"	12	5	21
Stud Anchor Requirements for Heads of Paired Frames			
70 psf	4 anchors in the head @ 3" O.C		
Note: Stud Anchors May not be Used Above 70 psf.			

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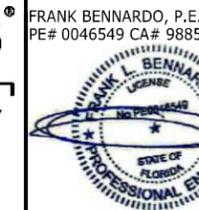
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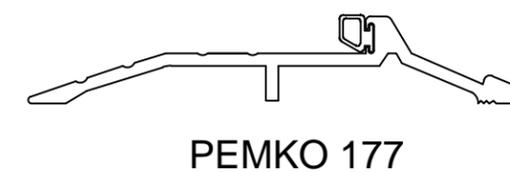
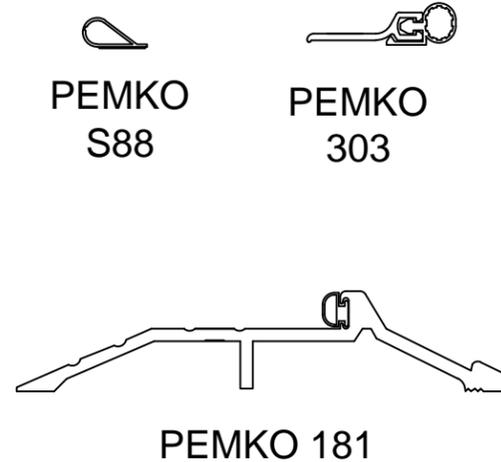
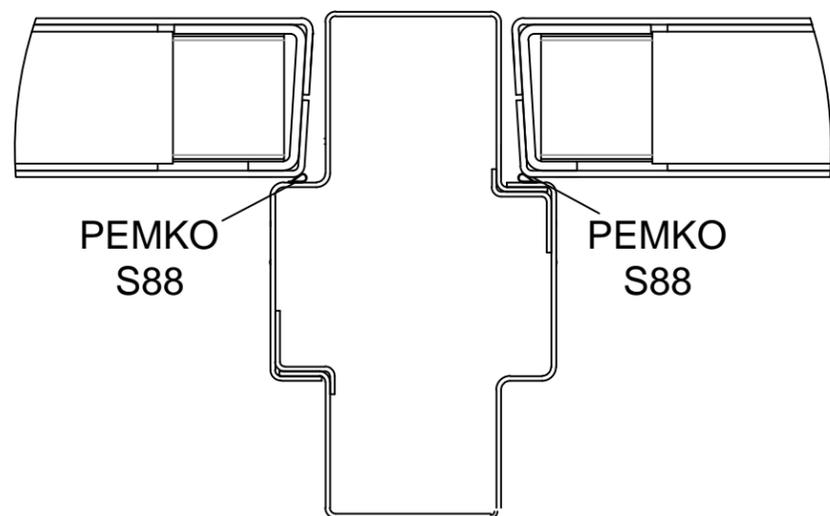
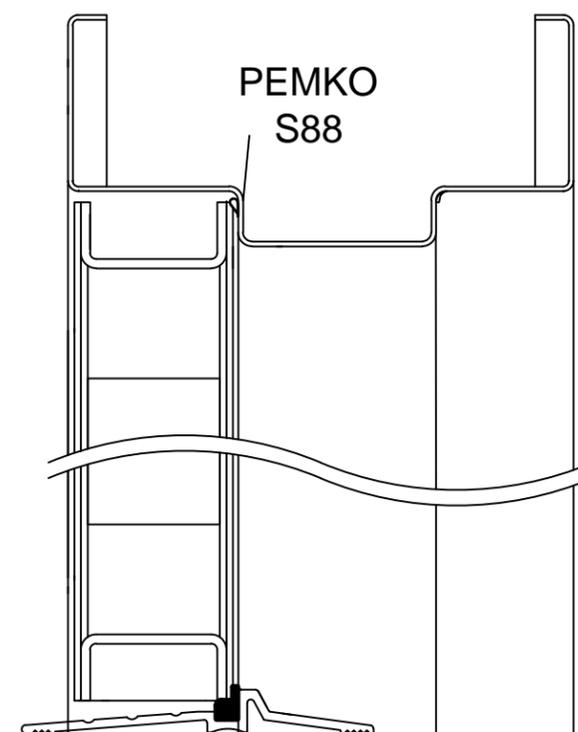
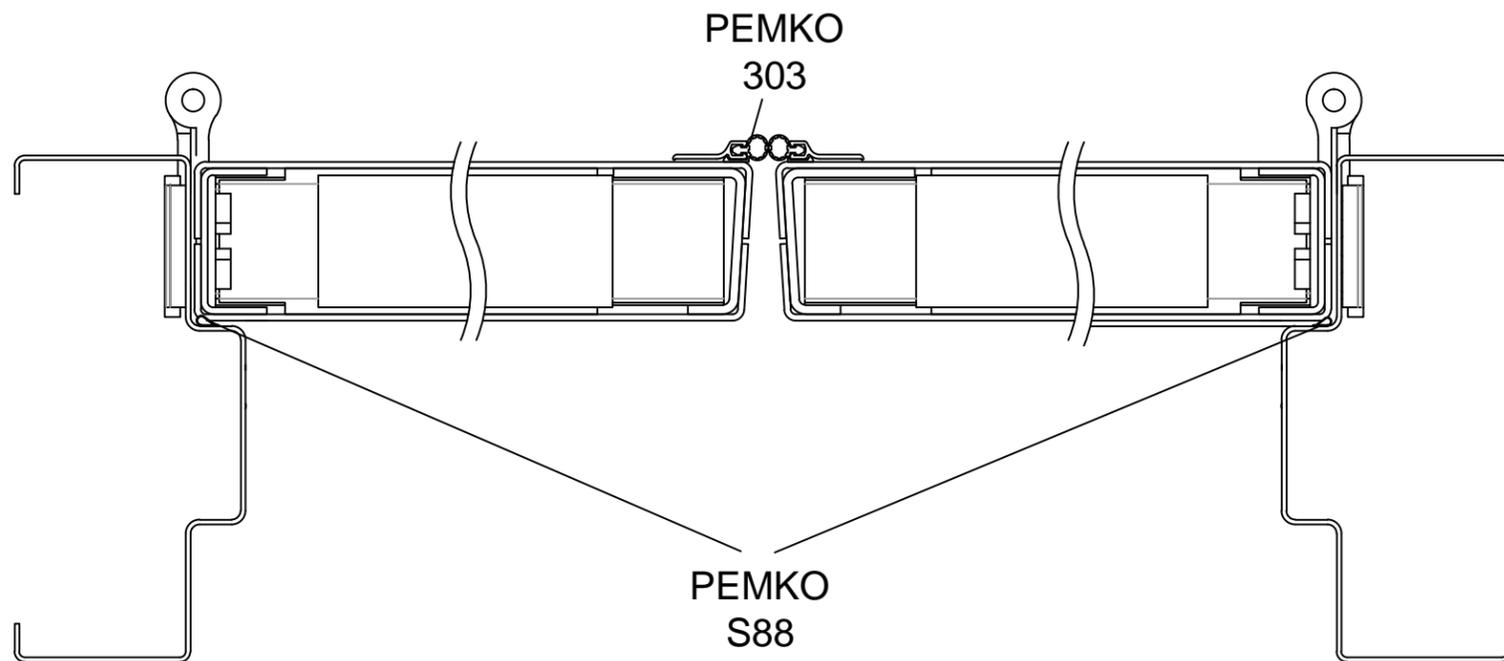
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# CURRIES DOOR GLAZED PAIRS OF DOORS

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PEMKO WEATHERSTRIP USED ON CECO DOORS AND FRAMES WHERE WATER INFILTRATION IS NOT REQUIRED.



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# CURRIES DOOR GLAZED PAIRS OF DOORS

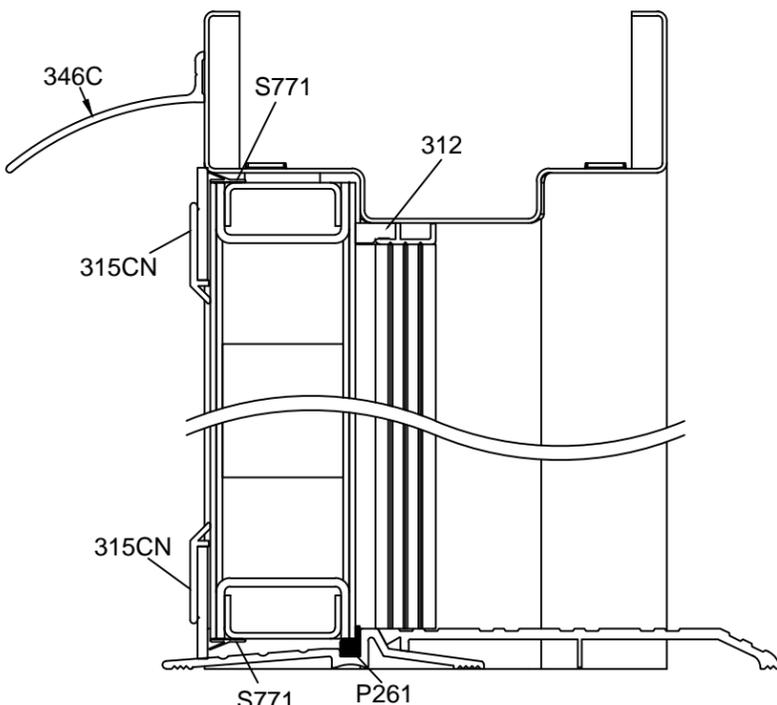
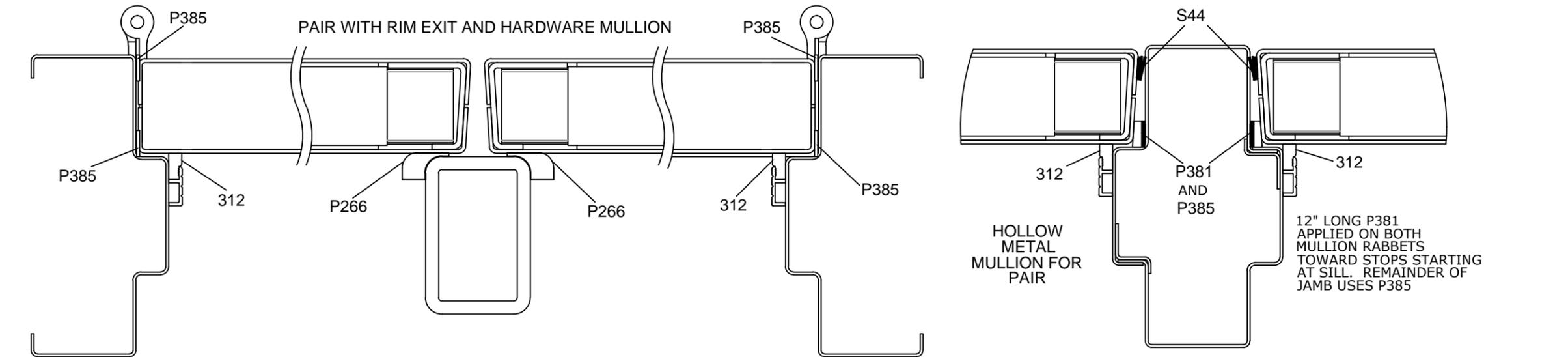
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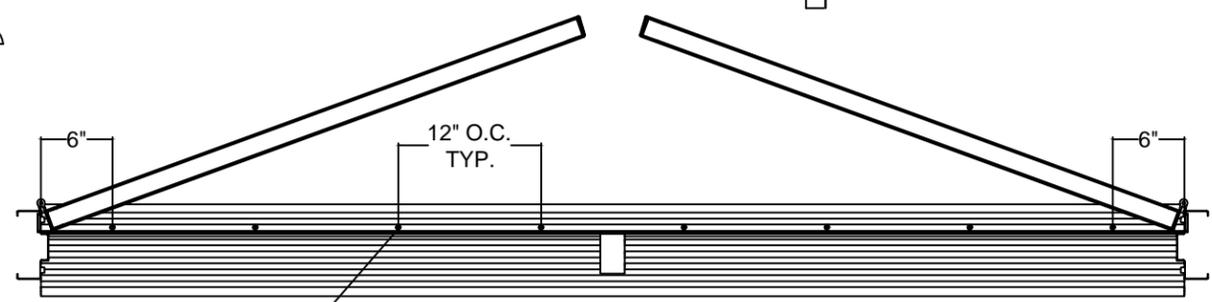
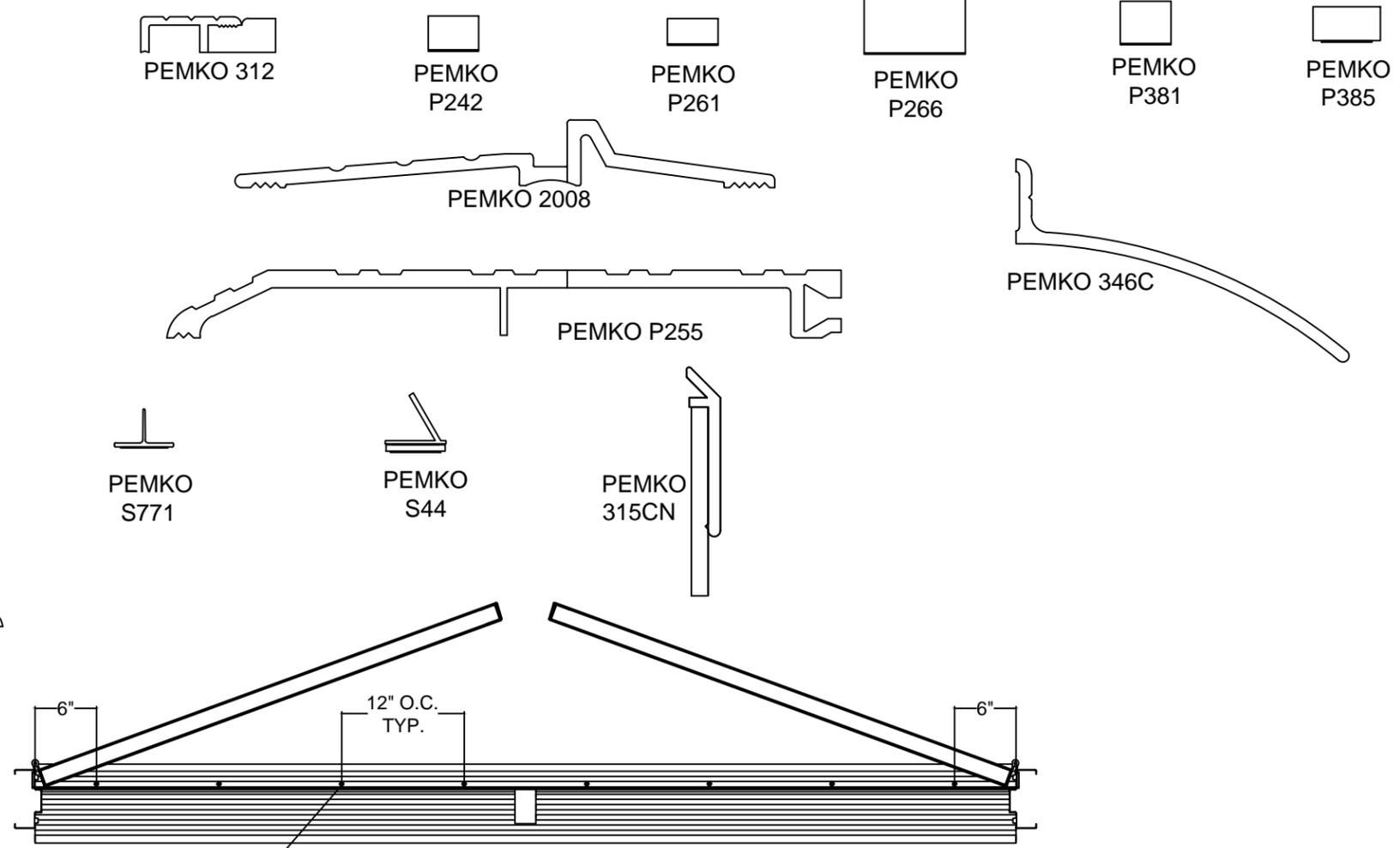
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PAIR WITH RIM EXIT AND HARDWARE MULLION



1/4" ITW TAPCON W/  
 1-3/4" EMBEDMENT AND  
 1" MIN. EDGE DISTANCE  
 TO 3192 PSI CONCRETE

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# HARDWARE NOTES

## Corbin Russwin

The ED5200(S)A / ED4200(S)A x M107 Rim Exit and the ED5470(B) x M107 Surface Vertical Rod maybe suffixed by MER. May use M94 with any combination of the M61, M92, M93, or M1 suffixes.

The ED5200(S)A x M107 Rim Exit and the ED5470(B) x M107 Surface Vertical Rod may include 900 series trims 9600, 9700, 9800 Series Access Control Trims or the 9900 Series Electrified Trims.

The MP9800 (A/B) x M107 Series Concealed Multi-Point Lock may include the options: M91, M92, M93, 903, 904, Access 600, IN, INB, SE.

Use FE707A, FE708A, WS707AKM, or WS708AKM Hardware Mullion with the ED5200(S)A / ED4200(S)A x M107 Rim Exit

On pairs of doors, one leaf of the pair utilizing with the ED5470(B) x M107 Surface Vertical Rod or MP9800 (A/B) x M107 Series Concealed Multi-Point Lock may be replaced with two 988CR surface bolts. The local building official must approve this configuration of hardware for use in a means of egress.

The ML2000 Series Mortise Locks, Series CL3300 Series Cylindrical Locks, ED5200(S)A x M107 Rim Exit, and ED5470(B) x M107 Surface Vertical Rod may be prefixed IN-IP, IN-IPS, IN-CP, IN-IP-MB, IN-IP-MW, IN-IPS-MB, IN-IPS-MW, IN-CP-MP, and IN-CP-MW.

The ML2000 Series Mortise Locks, Series CL3300 Series Cylindrical Locks, ED5200(S)A x M107 Rim Exit may be prefixed PIP1-IPSKM, PWI1-IPSKM, PIP1-CPKM, PWI1-CPKM, PIP1-IPSM, PWI1-IPSM, PIP1-CPM, and PWI1-CPM.

May also use the ML20100 and ML20200 mortise locks.

The SELP10 and IN 120 Access Control may be used with CL3300 Cylindrical Lock or ML2000 Mortise Lock.

## HES

The 1006 Series Electric Strike maybe used on 4'0" x 8'0" and smaller single out swinging doors of 70 psf or less.

The 9600 Series Electric Strike may be used with the Sargent HC8800 Series Rim Exit at design pressures of 70 psf or less.

The 9700 Series Electric Strike may be used with the Corbin Russwin ED5200(S)A and the Yale 7150(F)WS / 7250M(F)WS Rim Exits at design pressures of 70 psf or less.

Securitron 1500 / 1500E Strike may be used on 3'0" x 7'0" and smaller single out swinging assemblies with mortise locks and latch bolt only at design pressures of 60 psf or less.

Securitron 1600 / 1600E Strike may be used on 4'0" x 8'0" and smaller single out swinging assemblies with mortise locks with latch bolt and dead bolt of 70 psf and less.

## Sargent

The HC8800 Series Rim Exit, WS 8800 Series Rim Exit, and WS-8900 Series Mortise Exit maybe prefixed 53, 55, 55-56, 56, 57, 58, AWE, B, BT, ET, H1, H2, KP, LK, LU, M1, N1, N2, PA, PK, PG, P1, P2, IPSKM, CPKM, IPSM, CPM, IM, IKM, PRX, S1, S2, S3, IA, IK, IN, TK, TL, TP and TU.

Use HC980, 12-HC980, HCL980, 12-HCL980 Hardware Mullion with the HC8800 Series Rim Exit.

Series HT-56- can be used same as the 53-56- on the 80 Series devices. Exceptions include the following prefixes either used alone or in combination: 53-, 55-, 57-, 58-, 59- and AL.

All 80 Series employing HiO technology and the 55 option are designated HT-55-.

The MD8600 Series Concealed Vertical Rod Exit and 7000 Series Concealed Multi-point Lock may be prefixed 53, 55, 56, 57, 58, 59, BT, ET, H1, H2 and TL.

On pairs of doors, one leaf of the pair utilizing with the MD8600 Series Concealed Vertical Rod Exit, 7000 Concealed Multi-Point Lock or HC4-8700 / HC-8700 Surface Vertical Rod may be replaced with two 988CR surface bolts. The local building official must approve this configuration of hardware for use in a means of egress.

The 10 Line / 10G77 Cylindrical Locks and 8200 / R8200 mortise Locks may be prefixed AWE, B, PG, P1, P2, IPSKM, CPKM, IPSM, CPM, IM, IKM, PRX, IA, IK, IN, KP, LK, LU, PA, PK, H1, H2, N1, N2, S1, S2, S3, TK, TL, TP and TU.

## Yale

7150(F)WS / 7250M(F)WS Rim Exit and 7170(F)WS Surface Vertical Rod may be suffixed with any combination of A, B, O, or S. These devices may be prefixed by Sym and can include 600F Series Trims.

Use M200FWS or KRM200FWS Mullion with the 7150(F)WS / 7250M(F)WS Rim Exit.

On pairs of doors, one leaf of the pair utilizing with the 7170(F)WS Surface Vertical Rod may be replaced with two 988CR surface bolts. The local building official must approve this configuration of hardware for use in a means of egress

nexTouch Access Control may be used on single 3'0" x 7'0" assemblies with 4700LN cylindrical lock at design pressures of 60 psf or less .

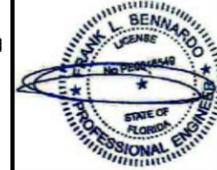
## Securitron

The MUNL may be used on 60 psf rated single 3'0" x 7'0" assemblies with a mortise Corbin Russwin ML2000, Sargent 7800/8200/R8200, or Yale 8800 mortise lock. The UNL may be used on 60 psf rated single 3'0" x 7'0" assemblies with a Corbin Russwin CL3100 / CL3300 / CL3500 / CL3800, Sargent 6500 / 7 /10, or Yale 5300 / 5300LN / 5400 / 5400LN Cylindrical Locks.

The ICPT Wireless Inductive Power Transfer may be used.



FRANK BENNARDO, P.E.  
PE# 0046549 CA# 9885



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