CURRIES FLUSH PAIRS OF DOORS

PRODUCT MEETS REQUIREMENTS OF THE HIGH VELOCITY HURRICANE ZONE.
LARGE MISSILE IMPACT (LMI) - LEVEL "D"

INSTRUCTIONS FOR USING THIS APPROVAL

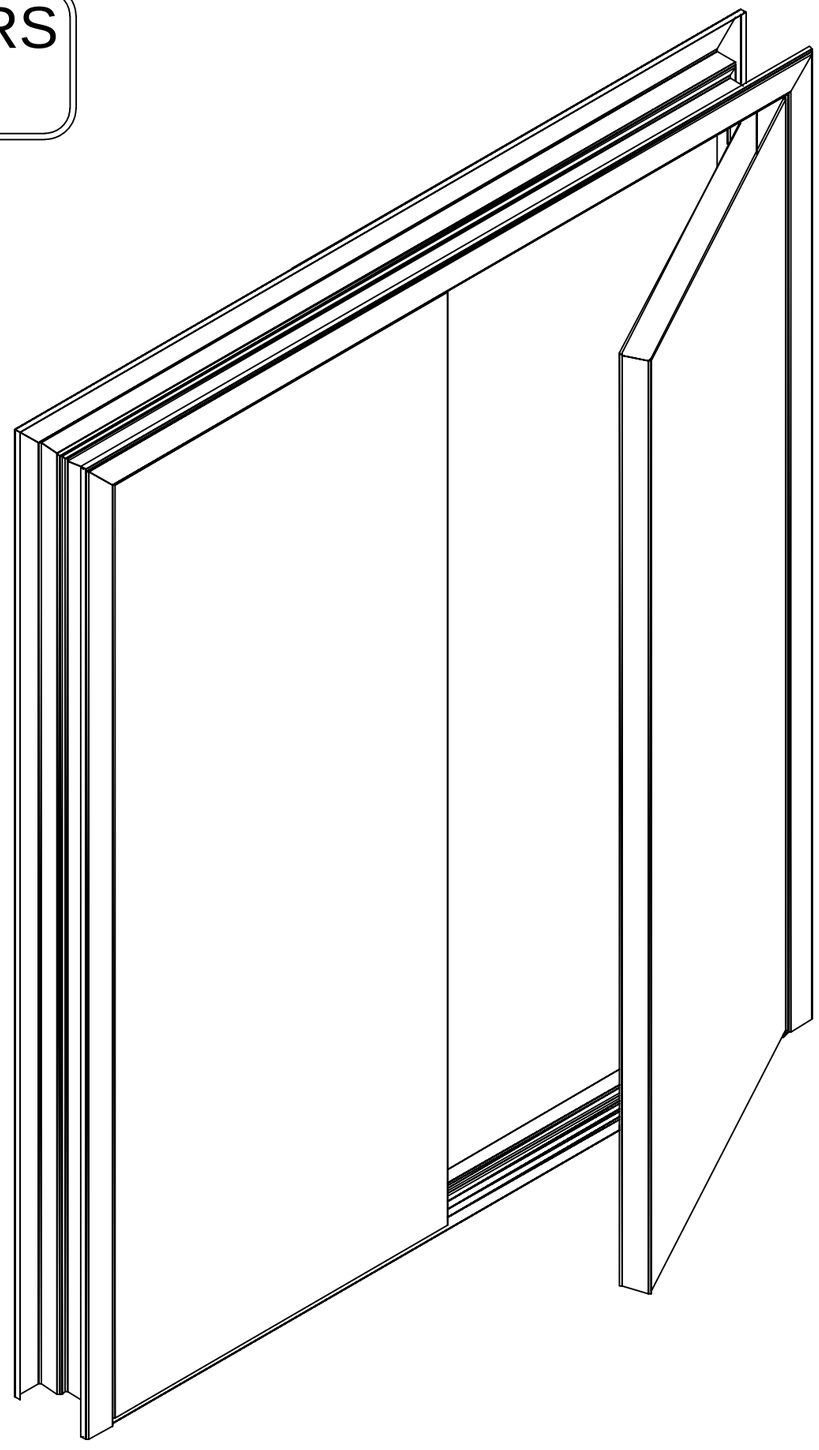
STEP 1: USE THE DOOR ELEVATIONS PROVIDED ON PAGES 2 THROUGH 5 TO DETERMINE THE APPLICABLE ASSEMBLY NUMBER

STEP 2: MOVE TO THE CHART BELOW THE DOOR ELEVATIONS, ALSO ON PAGES 2 THROUGH 5, AND LOCATE YOUR ASSEMBLY NUMBER. BY SCANNING HORIZONTALLY THROUGH THE SAME ROW OF YOUR ASSEMBLY NUMBER, YOU WILL BE ABLE TO DETERMINE THE APPROVED DOOR SERIES, MIN DOOR THICKNESS, MAX DESIGN PRESSURE, MAX DOOR OPENINGS, SWINGING OPTIONS, LATCHING HARDWARE FOR BOTH ACTIVE AND IN ACTIVE PANELS.

STEP 3: USE PAGE 6 TO DETERMINE YOUR FRAMING PROFILES AND FRAMING CONSTRUCTION OPTIONS

STEP 4: USE THE TABLES ON PAGE 7 AND 8 TO DETERMINE THE ANCHOR TYPE AND SPACING, BASED ON THE YOUR PRESSURE AND SUBSTRATE CRITERIA

STEP 5: USE THE DETAILS PROVIDED ON PAGE 9 AND 10 TO DETERMINE YOUR WEATHERSTRIPPING OPTIONS



SHEET INDEX

CURRIES
ASSA ABLOY

Digitally signed by Frank Bennardo
Date: 2020.12.21 15:20:53 -05'00'

VISIT ECALC.IO/assaabloy
FOR HELPFUL RESOURCES, SITE SPECIFIC JOB ORDERING & MORE INFORMATION ABOUT THIS PRODUCT & RELATED SERVICES
SCAN HERE:

FL# 16353.1

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

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CURRIES
DIVISION OF ASSA ABLOY DOOR GROUP, INC.
1502 12TH STREET NW
MASON CITY, IA 50401

COMMERCIAL STEEL EXTERIOR DOORS
FLUSH PAIRS OF DOORS (LMI)
FBC SEVENTH EDITION (2020 FLORIDA PRODUCT APPROVALS)

REMARKS	DRWN	CHKD	DATE
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-	-	-	-

20-34815

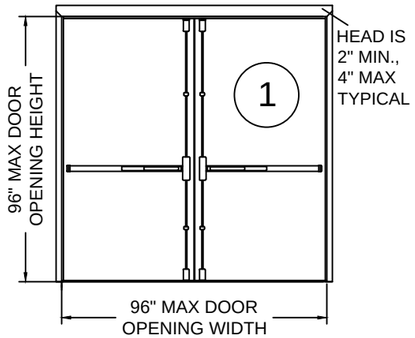
SCALE: NTS UNLESS NOTED

01 OF 11

CURRIES FLUSH PAIRS OF DOORS

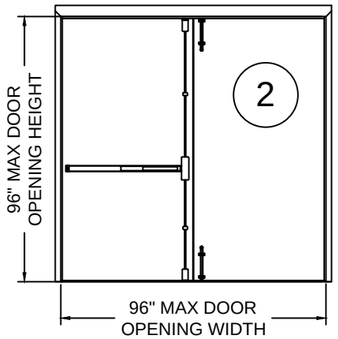
PRODUCTS ILLUSTRATED IN THIS DOCUMENT ARE QUALIFIED FOR LARGE AND SMALL MISSILE IMPACT. LARGE MISSILE IMPACT IS 9 LB 2 X 4 AT 50 FEET PER SECOND OR 350 FT-LBS.
PRODUCT MEETS REQUREMENTS OF HIGH VELOCITY HURRICANE ZONE.

SURFACE VERTICAL ROD EXIT DEVICE



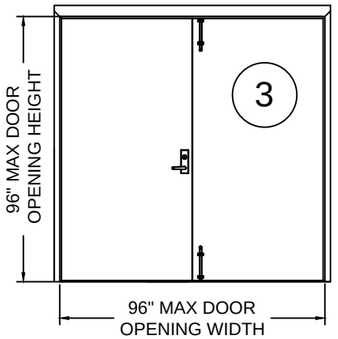
ASSEMBLY 1	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Required
+/-150 PSF	+/-60 PSF

SURFACE VERTICAL ROD EXIT DEVICE / SURFACE BOLTS



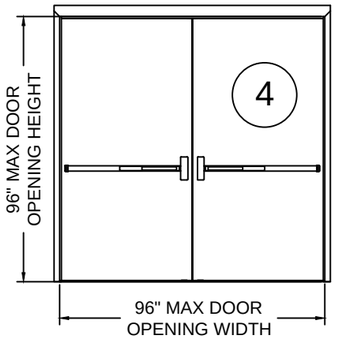
ASSEMBLY 2	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Required
+/-150 PSF	+/-60 PSF

MULTI-POINT LOCK / SURFACE BOLTS



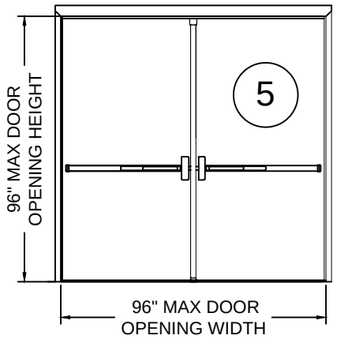
ASSEMBLY 3	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Required
+/-150 PSF	+/-60 PSF

CONCEALED VERTICAL ROD EXIT DEVICE



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

RIM EXIT DEVICE HARDWARE MULLION



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)		Door Swing	Latching Hardware Description Active			Latching Hardware Description In-Active		
			Positive	Negative	Width	Height		Type	Brand	Model	Type	Brand	Model
1	707, 747	14	150	150	96	96	Out Swing	Surface Vertical Rod	Sargent	HC4-8700, 12-HC4-8700	Surface Vertical Rod	Sargent	HC4-8700, 12-HC4-8700
2	707, 747	14	150	150	96	96	Out Swing	Surface Vertical Rod	Sargent	HC4-8700, 12-HC4-8700	Surface Bolt	Sargent	988
3	707, 747	14	150	150	96	96	Out Swing or In Swing	Multi-Point Lock	Corbin Russwin	FE6600	Surface Bolt	Corbin Russwin	988CR
									Sargent	FM7300		Sargent	988
4	707, 747, 777	16 777 -18	70	70	96	96	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-MD-12-8600, WS-MD-8600, WS-MD-12-8600
5	707, 727, 747, 777, 847	16 777 -18	70	70	96	96	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
Hinges**	Butt	McKinney 4-1/2" x 4-1/2" 0.134" thick steel hinges or any FBC approved butt 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.

FL# 16353.1

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PE# 0046549 CA# 9885

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COMMERCIAL STEEL EXTERIOR DOORS
FLUSH PAIRS OF DOORS (LM1)
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CURRIES FLUSH PAIRS OF DOORS

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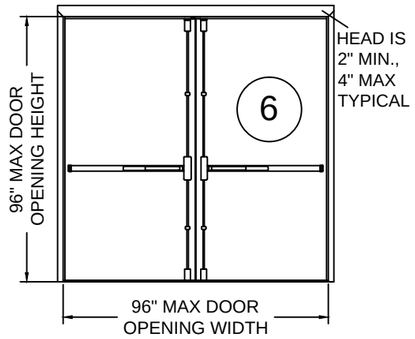
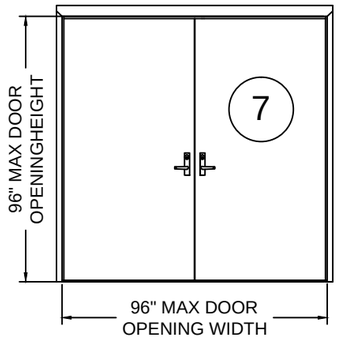
SURFACE VERTICAL ROD EXIT DEVICE



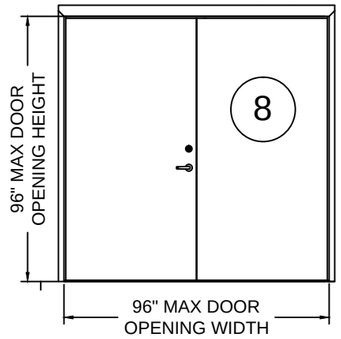
ASSEMBLY 6	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Required
+/-70 PSF	+/-60 PSF

CONCEALED TWO POINT LOCK



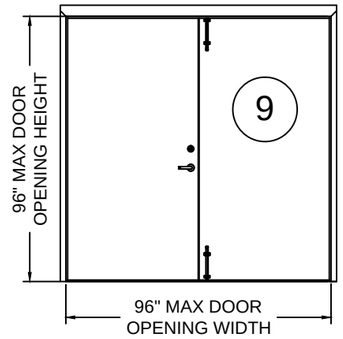
ASSEMBLY 7	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Needed
+/-70 PSF	+/-60 PSF

CYLINDRICAL LOCK & CYLINDRICAL DEAD BOLT — FLUSH BOLTS



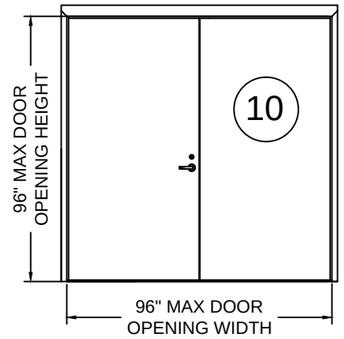
ASSEMBLY 8	
Design Pressure Where Water Infiltration Is NOT Needed	Design Pressure Where Water Infiltration IS Required
+/-70 PSF	+/-60 PSF

CYLINDRICAL LOCK & CYLINDRICAL DEAD BOLT — SURFACE BOLTS



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

MORTISE LOCK LATCH BOLT & DEAD BOLT — FLUSH BOLTS



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)		Door Swing	Latching Hardware Description Active			Latching Hardware Description In-Active		
			Positive	Negative	Width	Height		Type	Brand	Model	Type	Brand	Model
(6)	707, 727, 747, 777, 847	16 777 -18	70	70	96	96	Out Swing	Surface Vertical Rod	Corbin Russwin	ED5470(B) x M107	Surface Vertical Rod	Corbin Russwin	ED5470(B) x M107
									Sargent	HC4-8700, 12-HC4-8700		Sargent	HC4-8700, 12-HC4-8700
									Yale	7170(F)WS		Yale	7170(F)WS
(7)	707, 727, 747, 777, 847	16 777 -18	70	70	96	96	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
(8)	777	18	70	70	96	96	In Swing or Out Swing	Cylindrical Lock & Cylindrical Dead Bolt	Corbin Russwin	CL3100 DL3200 Dead Bolt	Flush Bolt	Rockwood	556WS
									Sargent	11 Line 480 Dead Bolt			
(9)	777	18	70	70	96	96	In Swing or Out Swing	Cylindrical Lock & Cylindrical Dead Bolt	Corbin Russwin	CL3100 DL3200 Dead Bolt	Surface Bolt	Corbin Russwin	988CR
									Sargent	11 Line 480 Dead Bolt		Sargent	988
(10)	777	18	70	70	96	96	In Swing or Out Swing	Mortise Lock Latch Bolt & Dead Bolt	Corbin Russwin	ML2000, ML20600, ML20700, ML20800, ML20900	Flush Bolt	Rockwood	556WS
									Sargent	7800, 8200, R8200			
									Yale	8800			
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 pivots 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.											

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See Hardware notes for additional Hardware options.

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FL# 16353.1

CURRIES
ASSA ABLOY

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PE# 0046549 CA# 9885

FL#16353.1

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SCALE: NTS UNLESS NOTED

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CURRIES FLUSH PAIRS OF DOORS

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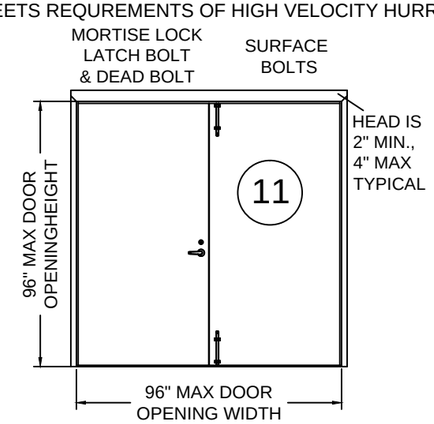
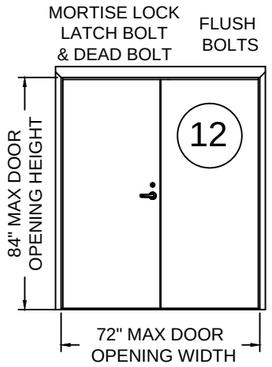
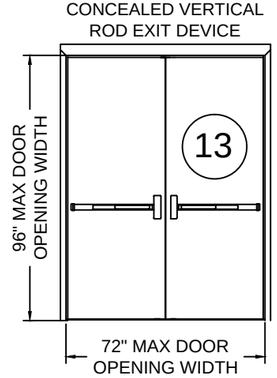


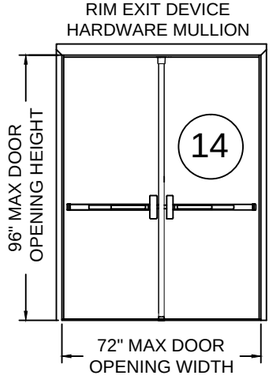
ASSEMBLY 11	
Design Pressure Where Water Infiltration Is NOT Required	Design Pressure Where Water Infiltration IS Required
+/-70 PSF	+/-60 PSF



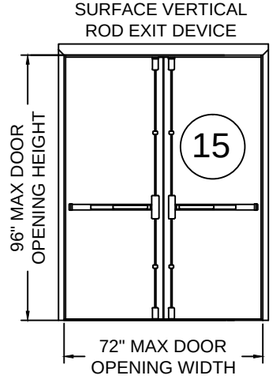
ASSEMBLY 12	
Design Pressure Where Water Infiltration Is NOT Needed	Design Pressure Where Water Infiltration IS Needed
+/-70 PSF	+/-60 PSF



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



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



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

Assembly	Door Series	Minimum Door Gauge	Maximum Design Pressure (psf)		Maximum Door Opening (inches)		Door Swing	Latching Hardware Description Active			Latching Hardware Description In-Active		
			Positive	Negative	Width	Height		Type	Brand	Model	Type	Brand	Model
11	707, 727, 747, 777, 847	16 777 -18	70	70	96	96	In Swing or Out 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
									Yale	8800		Yale	988Y
12	707, 727, 747, 777, 847	16 777 -18	70	70	72	84	In Swing or Out Swing	Mortise Lock Latch Bolt & Dead Bolt	Corbin Russwin	ML2000, ML20600, ML20700, ML20800, ML20900	Flush Bolt	Rockwood	556WS
									Sargent	7800, 8200, R8200			
									Yale	8800			
13	707, 727, 747, 847	16	60	60	72	96	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
14	707, 727, 747, 847	16	60	60	72	96	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
15	707, 727, 747, 847	16	60	60	72	96	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
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 continuous hinge 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.											

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CURRIES FLUSH PAIRS OF DOORS

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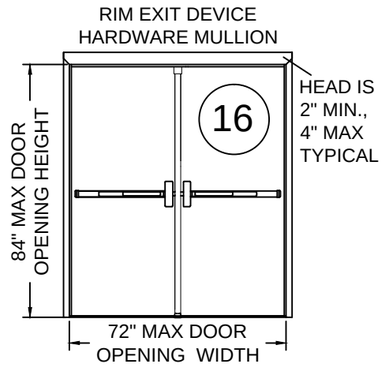
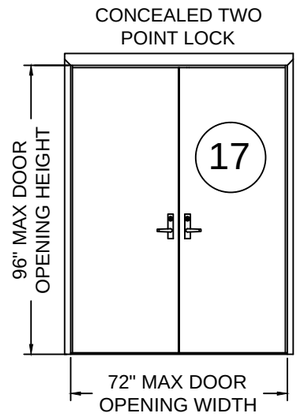
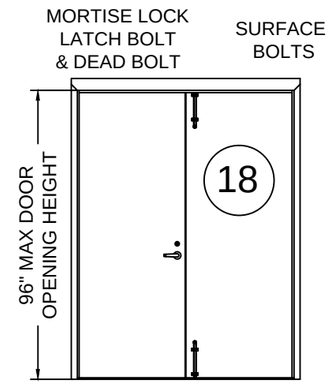
ASSA ABLOY







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 Required
+/-60 PSF	+/-60 PSF

Assembly	Door Series	Minimum Door Gauge	Maximum Design Pressure (psf)		Maximum Door Opening (inches)		Door Swing	Latching Hardware Description Active			Latching Hardware Description In-Active		
			Positive	Negative	Width	Height		Type	Brand	Model	Type	Brand	Model
16	607, 707, 727, 747, 847	18	60	60	72	84	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
17	707, 727, 747, 847	16	60	60	72	96	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
18	707, 727, 747, 847	16	60	60	72	96	In Swing or Out 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
									Yale	8800		Yale	988Y
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 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.

FL# 16353.1

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CURRIES
DIVISION OF ASSA ABLOY DOOR GROUP, INC.
1502 12TH STREET NW
MASON CITY, IA 50401

COMMERCIAL STEEL EXTERIOR DOORS
FLUSH PAIRS OF DOORS (LM1)
FBC SEVENTH EDITION (2020 FLORIDA PRODUCT APPROVALS)

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-	-	-	-

20-34815

SCALE: NTS UNLESS NOTED

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CURRIES DOOR FRAME INFORMATION

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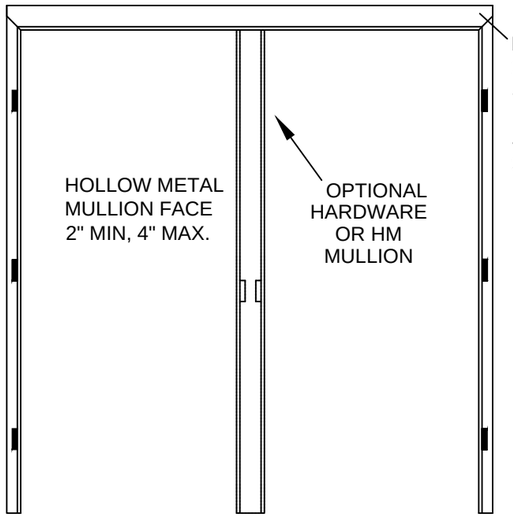
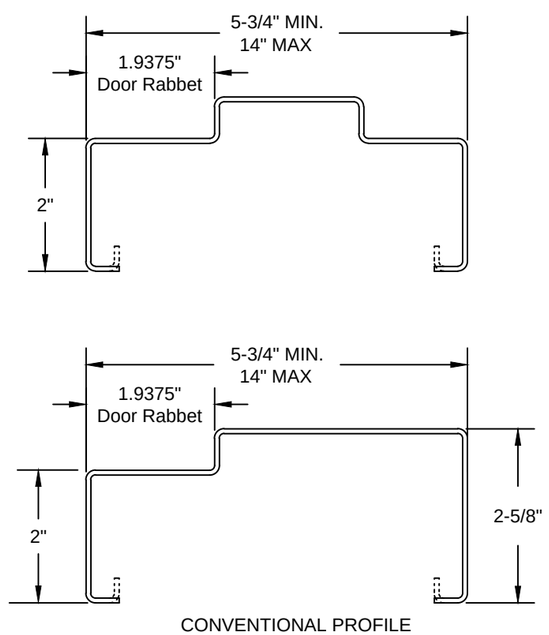
PRODUCT MEETS REQUREMENTS OF HIGH VELOCITY HURRICANE ZONE.

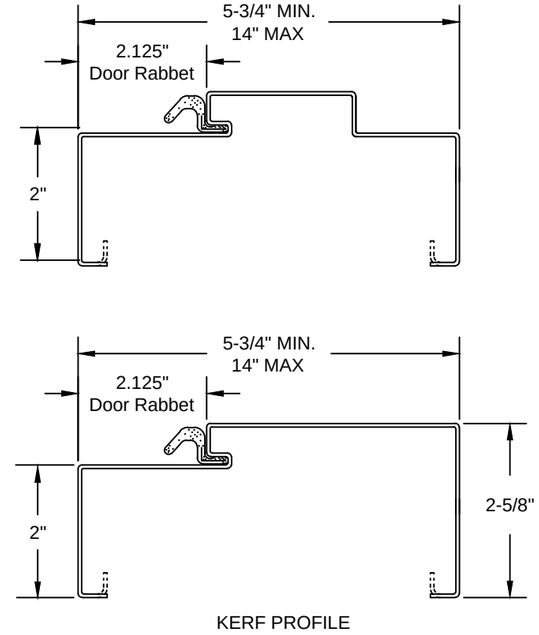


8'0" X 8'0" MAX.
4" MIN./14" MAX. DEPTH
KD 16 GA. MIN.
WELDED 16 GA MIN., 12 GA. MAX.
MAX DESIGN PRESSURE WITHOUT MULLIONS +/-150 PSF
MAX DESIGN PRESSURE WITH MULLIONS +/-70 PSF
FOUR SIDED DOOR FRAME WITH FACE WELDED CORNERS ALSO PERMITTED

FRAME PROFILES

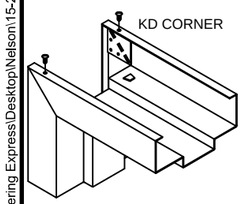


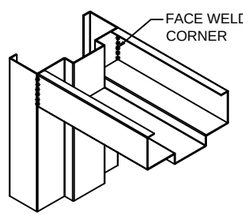
CONVENTIONAL PROFILE

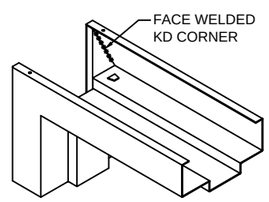


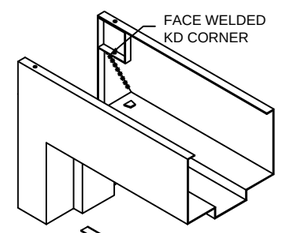
KERF PROFILE

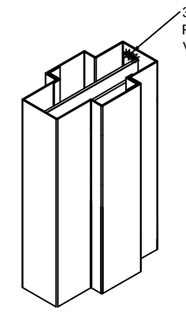
FRAME CONSTRUCTION OPTIONS

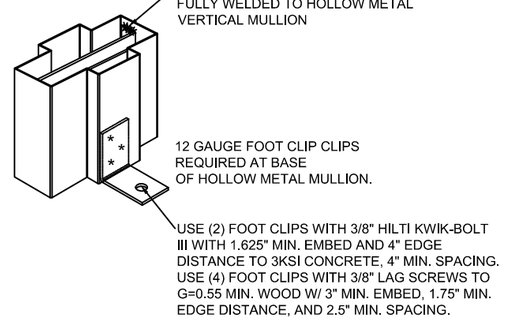


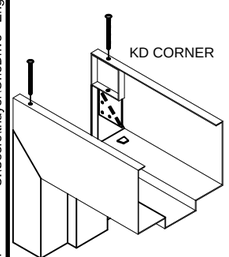


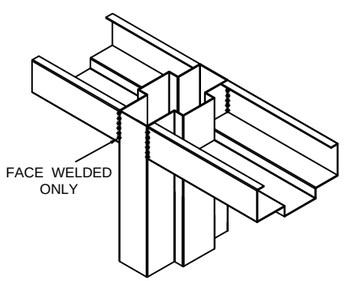


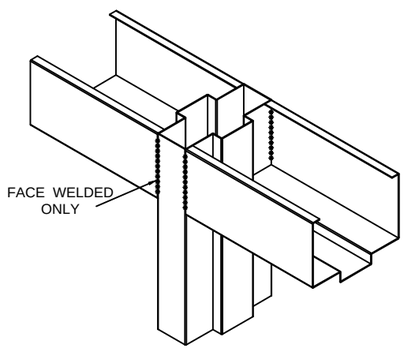


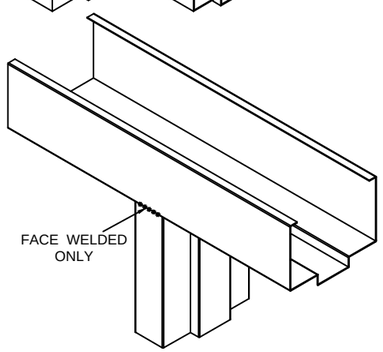


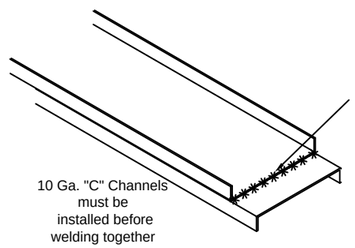












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FRANK L. BENNARDO LICENSE No. PE0046549 STATE OF FLORIDA PROFESSIONAL ENGINEER

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20-34815

SCALE: NTS UNLESS NOTED

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CURRIES FRAME ANCHOR INFORMATION

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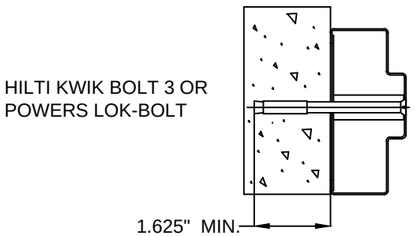
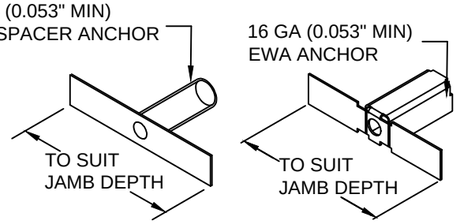
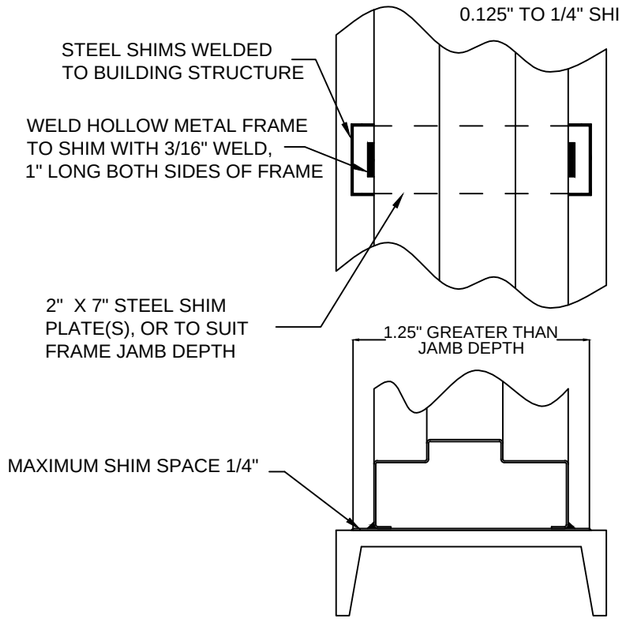
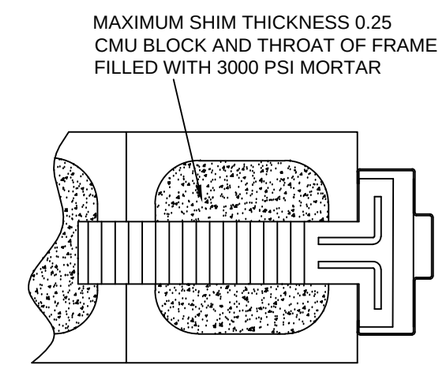
PRODUCT MEETS REQUIREMENTS OF THE HIGH VELOCITY HURRICANE ZONE.

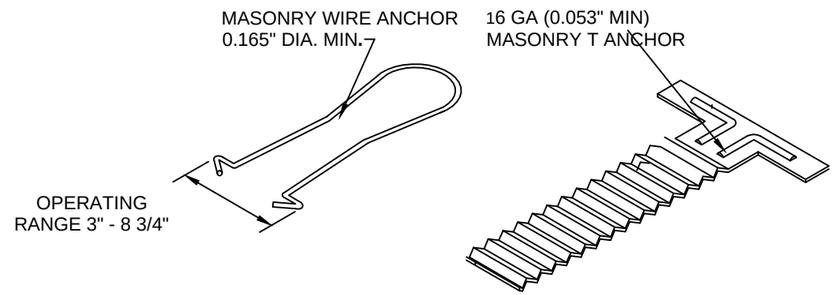
EXISTING MASONRY OR POURED CONCRETE, 3000 psi MIN.
WELDED PIPE SPACER OR EWA ANCHOR WITH 3/8"
EXPANSION ANCHOR BOLTS USING 3/8" GRADE 5 BOLT
MINIMUM EDGE DISTANCE = 4.0" FOR CONCRETE
MINIMUM EDGE DISTANCE = 3 3/4" FOR C.M.U
MAXIMUM SHIM THICKNESS = 0.25"

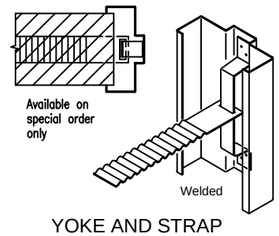




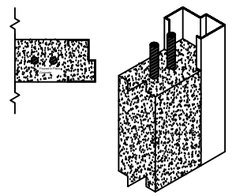








YOKE AND STRAP
MASONRY ANCHOR



CAST IN PLACE FRAME

Expansion Shell Anchors Into 1500 psi Grout filled Concrete Masonry Requirements for Jambs						
	Up to an including 70 psf			150 psf		
Opening Height (inches)	Max. Distance From End of Jamb	Min. Anchor Quantity	Maximum Spacing (inches)	Max. Distance From End of Jamb	Min. Anchor Quantity	Maximum Spacing (inches)
Up to 84"	12	5	19	12	5	15
90	12	5	19	12	6	15
96	12	6	19	12	6	15
Expansion Shell Anchor Requirements for Heads of Paired Frames						
70 psf	2 anchors in the head		150 psf	4 anchors in the head		

Expansion Shell Anchors Into 3000 psi Concrete Requirements for Jambs						
	Up to an including 70 psf			150 psf		
Opening Height (inches)	Max. Distance From End of Jamb	Min. Anchor Quantity	Maximum Spacing (inches)	Max. Distance From End of Jamb	Min. Anchor Quantity	Maximum Spacing (inches)
Up to 84"	12	5	19	12	5	19
90	12	5	19	12	5	19
96	12	6	19	12	6	19
Expansion Shell Anchor Requirements for Heads of Paired Frames						
70 psf	2 anchors in the head		150 psf	4 anchors in the head		

Masonry Strap, Masonry T, Masonry Wire, and Welded to the Building Structure Anchor Requirements for Jambs of Paired Frames						
	Up to an including 70 psf			150 psf		
Opening Height (inches)	Max. Distance From End of Jamb	Min. Anchor Quantity	Maximum Spacing (inches)	Max. Distance From End of Jamb	Min. Anchor Quantity	Maximum Spacing (inches)
Up to 84"	12	4	24	12	4	24
90"	12	5	24	12	5	24
92"-96"	12	5	24	12	5	24
Expansion Shell Anchor Requirements for Heads of Paired Frames						
70 psf	2 anchors in the head		150 psf	4 anchors in the head		
Welded to the Building Structure Anchor Requirements for Heads of Paired Frames						
70 psf	2 anchors in the head		150 psf	2 anchors in the head		

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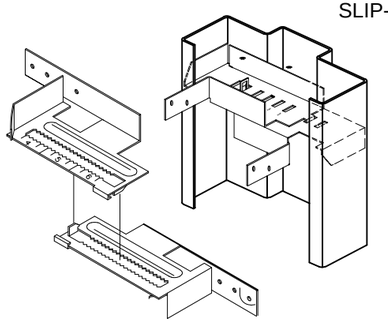
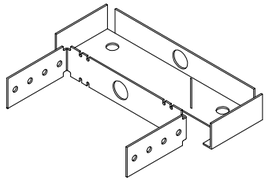
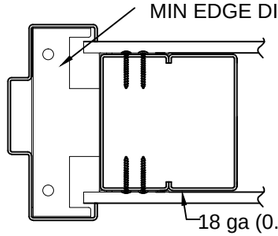
18 ga. (0.041" MIN.)
SLIP-IN STUD ANCHORS

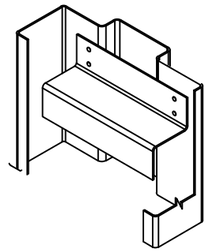




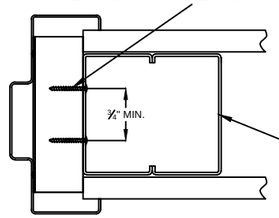
SLIP -IN STUD ANCHOR WELDEED TO
FRAME CONNECT TO STEEL
WITH #8 X 1" GRADE 5 SHEET METAL SCREW;
4 SCREWS REQUIRED PER ANCHOR;
MIN EDGE DISTANCE - 0.328"



18 ga (0.041" min.)
STEEL STUDS

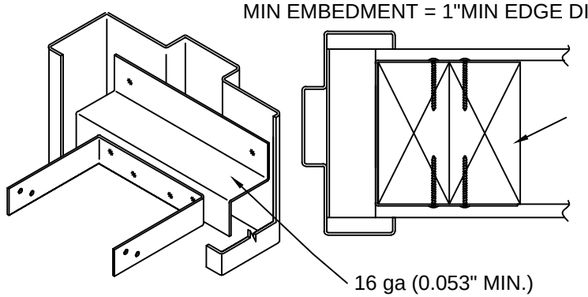


#14 x 1" GRADE 5 SHEET METAL SCREW;
2 SCREWS REQUIRED
PER ANCHOR LOCATION;



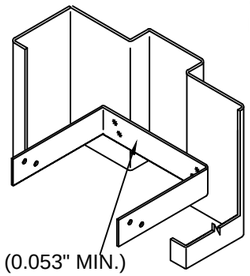
18 ga (0.041" min.)
STEEL STUDS

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"

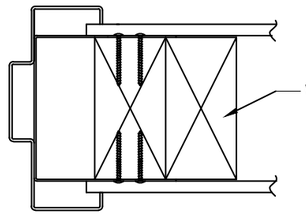


WOOD STUD

16 ga (0.053" MIN.)
WOOD STUD ANCHOR



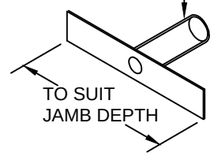
WELED WOOD STUD ANCHOR
WITH #8 X 1" GRADE 5 SHEET METAL SCREW;
4 SCREWS REQUIRED PER ANCHOR;
MIN EMBEDMENT = 1"MIN EDGE DISTANCE = 0.524



WOOD STUD

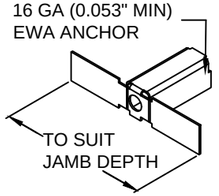
16 ga (0.053" MIN.)
WOOD STUD ANCHOR

16 GA (0.053" MIN)
PIPE SPACER ANCHOR



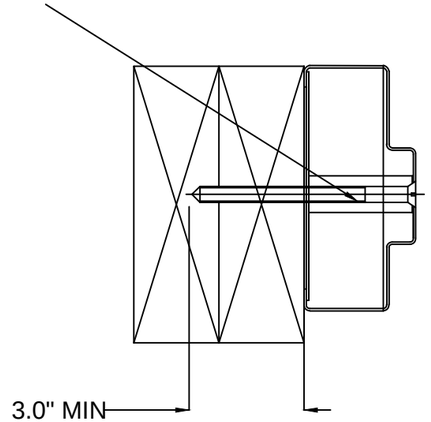
TO SUIT
JAMB DEPTH

16 GA (0.053" MIN)
EWA ANCHOR



TO SUIT
JAMB DEPTH

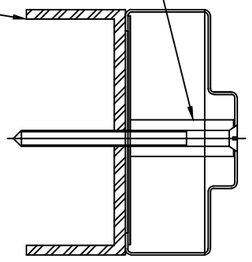
WELDED PIPE SPACER OR EWA ANCHOR
WITH 3/8" WOOD SCREW OR LAG BOLT
MINIMUM EDGE DISTANCE = 1.75"
MAXIMUM SHIM THICKNESS = 0.25"



3.0" MIN

WELDED PIPE SPACER OR EWA ANCHOR
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"

1/4" THK. MIN. A36 MIN.
STEEL SUBSTRATE



Stud Anchor Requirements for Jambs						
	Up to an including 70 psf			150 psf		
Opening Height (inches)	Max. Distance From End of Jamb	Min. Anchor Quantity	Maximum Spacing (inches)	Max. Distance From End of Jamb	Min. Anchor Quantity	Maximum Spacing (inches)
Up to 88"	12	4	22	12	6	12
90"	12	5	22	12	7	12
92"-96"	12	5	22	12	8	12

Stud Anchor Requiremnts for Heads of Paired Frames			
70 psf	4 anchors in the head	150 psf	8 anchors in the head

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CURRIES
DIVISION OF ASSA ABLOY DOOR GROUP, INC.
1502 12TH STREET NW
MASON CITY, IA 50401

COMMERCIAL STEEL EXTERIOR DOORS
FLUSH PAIRS OF DOORS (LM1)
FBC SEVENTH EDITION (2020 FLORIDA PRODUCT APPROVALS)

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20-34815

SCALE: NTS UNLESS NOTED

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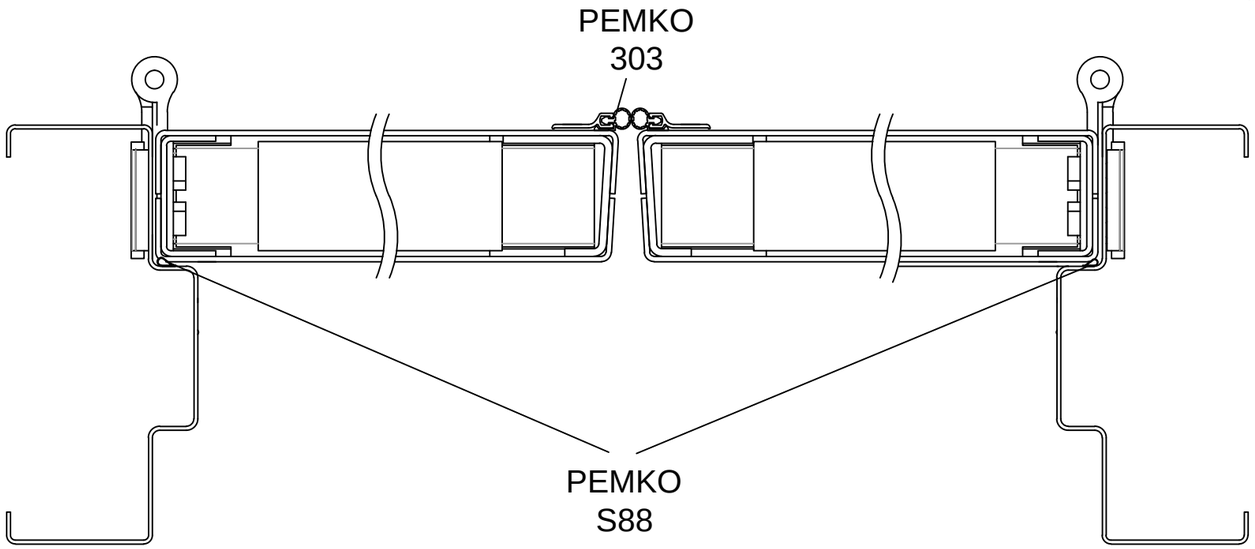
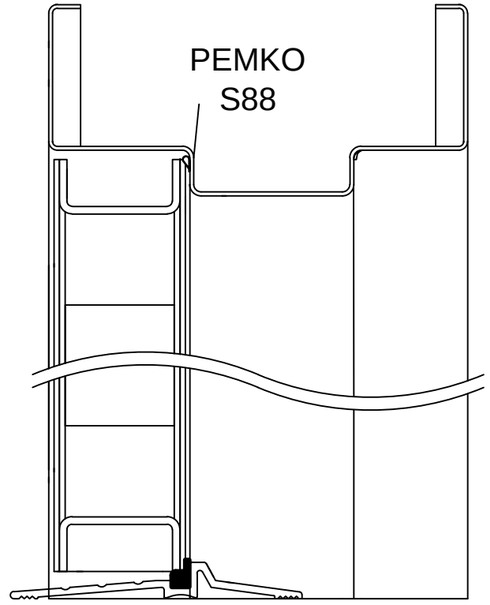
CURRIES WEATHERSTRIP INFORMATION

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-LB.
PRODUCT MEETS REQUIREMENTS OF THE HIGH VELOCITY HURRICANE ZONE.

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





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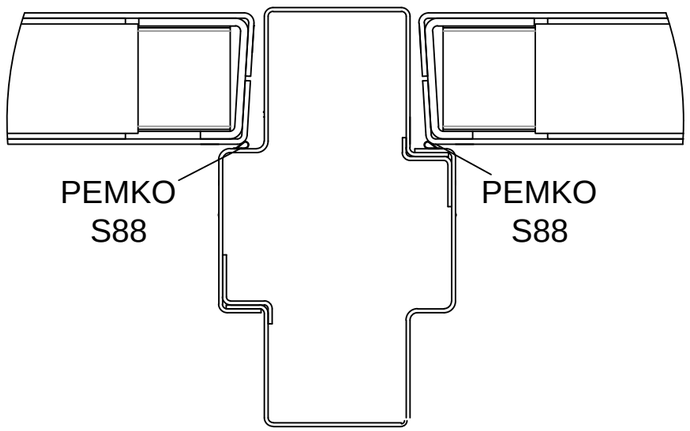

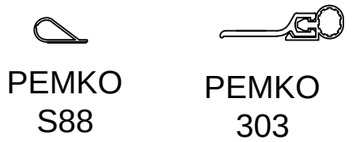

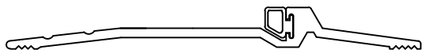

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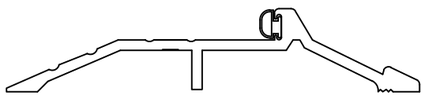

PEMKO 181

PEMKO 177

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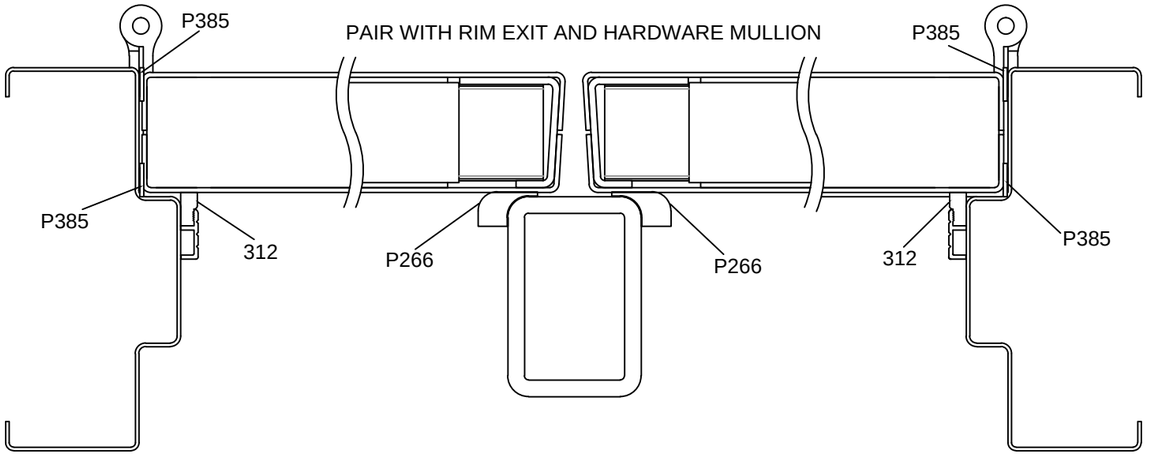

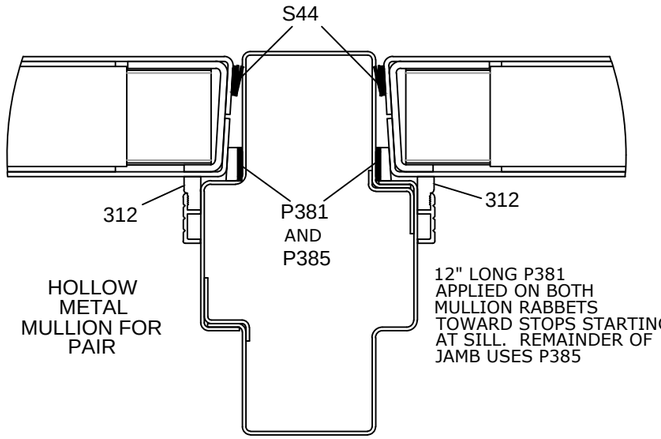


PEMKO 312


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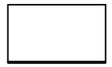
P242


PEMKO
P261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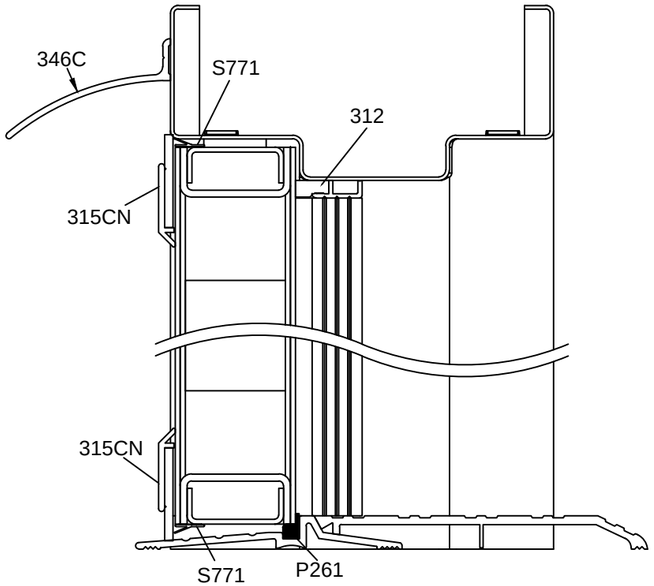
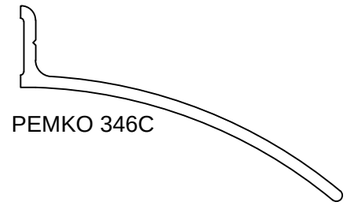


PAIR WITH RIM EXIT AND HARDWARE MULLION


PEMKO 2008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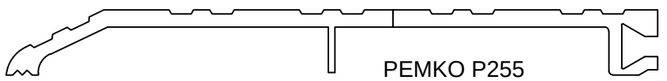
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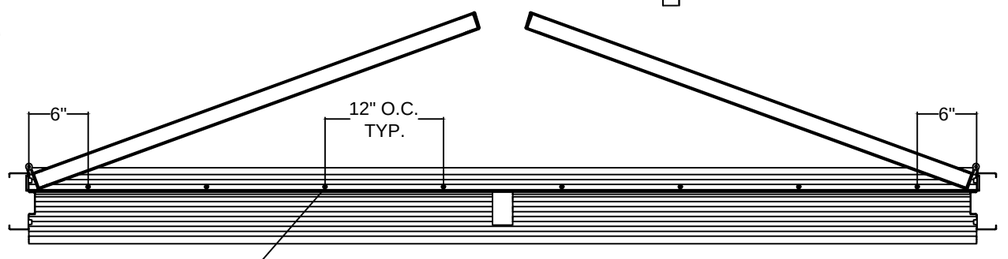

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HARDWARE NOTES

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.

CURRIES®
ASSA ABLOY

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