



Ratings Help Sheet

Series 3900-T Hinged Door

Specifications:

AAMA/WDMA/CSA/IS101/A440-08 (Non-Impact)
 CSA A440S1-09
 TAS 201,202,203 (FL#17954) (HVHZ)
 ASTM 1886e/1996e (Impact Non-HVHZ)

Frame:

Performance Chart

Configuration	Description	DP (psf)	Air (psf)	Water (lbs/psf)		(spec#)	FL#
				(Dry)	(Wet)		
Pair	80"-Outswing	+55/-50	1.57	3.75	5.25	1,1a	.2
Pair	80"-Inswing	+55/-65	1.57	2.25	2.25	2, 2a	.2
Pair	80"-Outswing w/drip	+55/-50	1.57	3.75	6.0	1,1a	.2
Pair	80"-Inswing w/drip	+55/-65	1.57	3.75	3.75	2, 2a	.2
Single	48"-Outswing	+65/-65	6.24	3.75	9.75	12,14,15	.1
Single	42"-Inswing	+55/-60	1.57	3.75	5.25	2	.1

		DP (psf)	Air (psf)	Water (lbs/psf)		(spec#)	
Mulled Sidelites	3800-T Narrow Style, 60"x120" (In/Outside glazed)	+50/-50	6.24	3.75	9.75	1,2,6	.4/.6
Mulled Sidelites	3900-T Wide Style, 60"x120" (In/Outside glazed)	+65/-65	6.24	3.75	9.75	6c,d,e	.3/.5
Integral Sidelites	3900-T Narrow , 60"x120" (Outside glazed) - Center Lock	+50/-55	6.24psf	3.75	9.75	9, 10	.7
Integral Sidelites	3900-T Narrow , 60"x120" (Outside glazed) - Jamb Lock	+50/-50	6.24psf	3.75	9.75	9, 10	.7
Transom	3900-T Narrow, 108"x48"	+50/-55	6.24psf	3.75	9.75	9, 10	.7

Glazing Options:

HVHZ / Impact Non-HVHZ:

1.5" IG: ¼" -t/space/(3/16"/.090 SGP/3/16"-HS).....(G2/G4/G5)

1" IG: 3/16" -t/space/(5/32"/.090 SGP/3/16"-HS)..(G1/G3)... (Glass stop for 1" glazing on 3900-T sash assembly must be mechanically fastened for impact option)

Non-Impact:

1" IG: 6mm-T/space/6mm-T

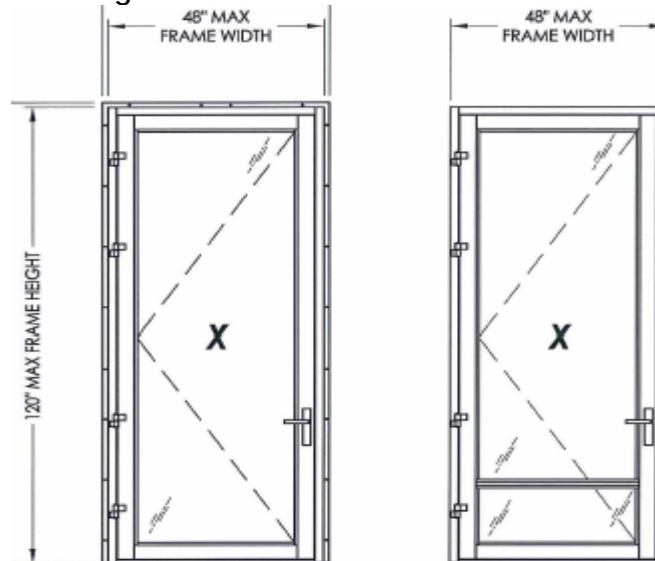
Configurations: (Inswing or Outswing)

H (48x120 FL.1) HH (80x120 FL.2) OH (108x120 FL.7) OHO (169x120 FL.3,.4) OOH(169x120 FL.3,.4)
 O/OH (108x120 FL.7) OHHO (201x120 FL.5,.6)

Max Sizes: Single 48x120; Pair 80x120; Sidelight 60x120; Transom 108x48

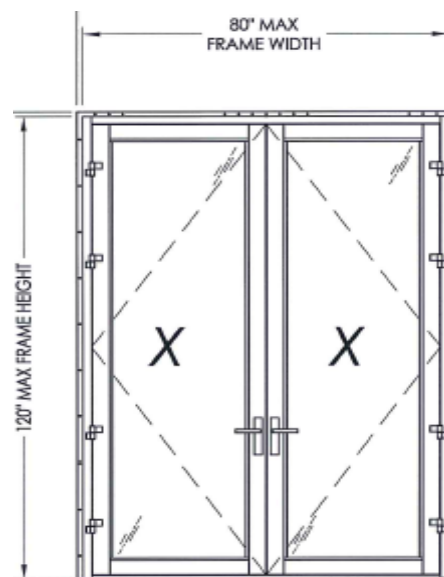
Series 3900-T Hinged Door

Sample Illustrations: Single and Single with TDL



SWING	MAX O.A. FIN DIMENSION	MAX O.A. FRAME DIMENSION	MAX DOOR D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
INSWING	44.5" X 121.25"	42.0" X 120.0"	29.0" X 108.0"	G1, G2 G3, G4	+55.0	-60.0
OUTSWING	50.5" X 121.25"	48.0" X 120.0"	35.0" X 108.0"		+65.0	-65.0

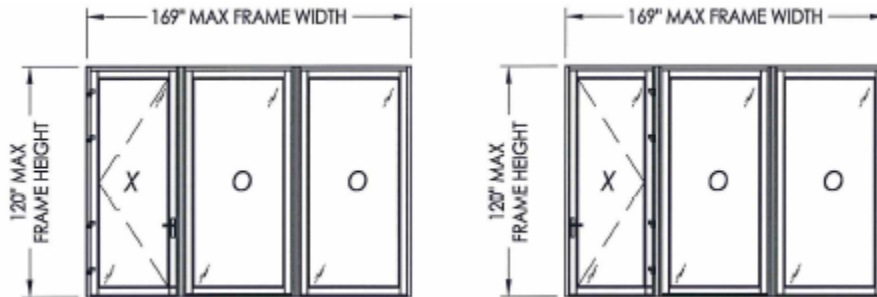
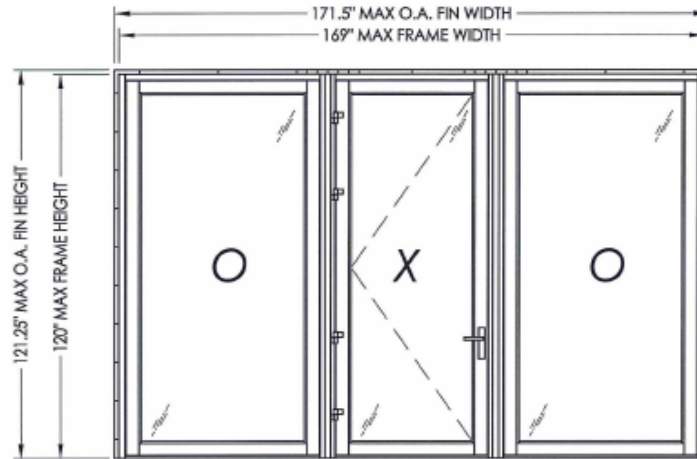
Sample Illustration: Pair



SWING	MAX O.A. FIN DIMENSION	MAX O.A. FRAME DIMENSION	MAX DOOR D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
OUTSWING	82.5" X 121.25"	80.0" X 120.0"	29.0" X 108.0"	G1, G2, G3, G4	+55.0*	-55.0*
INSWING	82.5" X 121.25"	80.0" X 120.0"	29.0" X 108.0"	G1, G2, G3, G4	+55.0*	-65.0*

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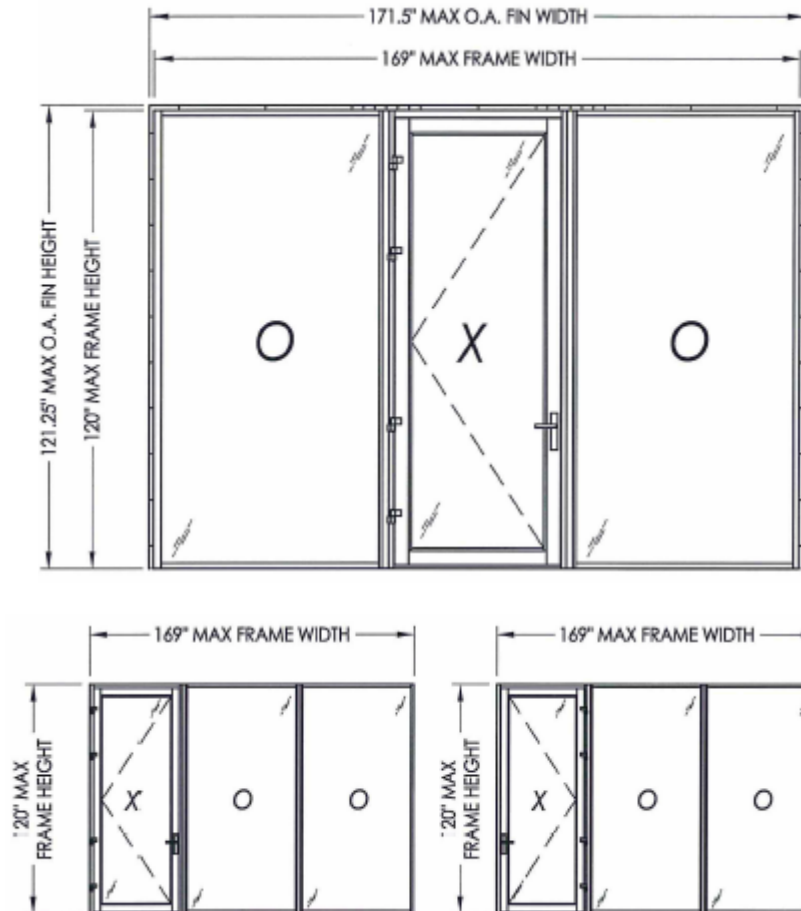
Sample Illustrations: Shown MULLED to Wide Style Sidelites



MAX O.A FIN DIMENSION	MAX O.A. FRAME DIMENSION	MAX DOOR D.L.O. DIMENSION	MAX SIDELITE D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
171.5" X 121.25"	169.0" X 120.0"	35.0" X 108.0"	47.0" X 108.0"	G1, G2, G3, G4	+65.0	-65.0

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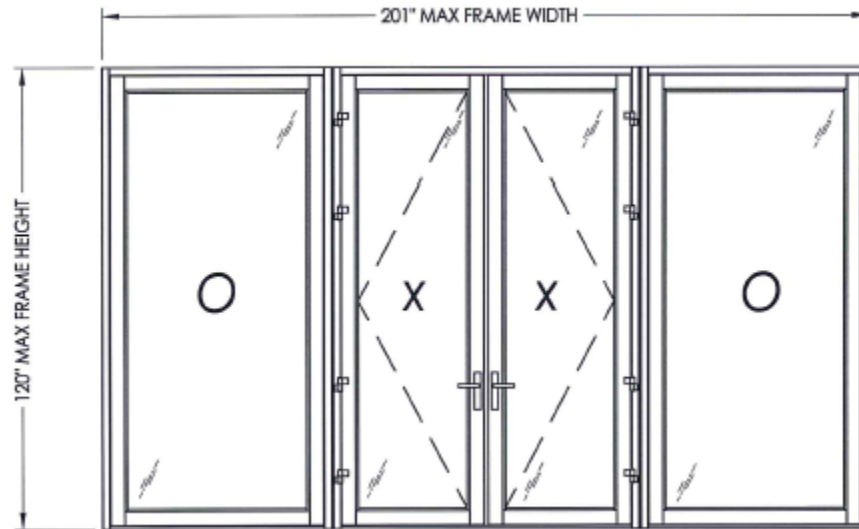
Sample Illustrations: Shown MULLED to 3800-T Narrow Style Sidelites



MAX O.A FIN DIMENSION	MAX O.A. FRAME DIMENSION	MAX DOOR D.L.O. DIMENSION	MAX SIDELITE D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
171.5" X 121.25"	169.0" X 120.0"	35.0" X 108.0"	57.0" X 117.0"	G1, G2, G3, G4, G5	+50.0	-50.0

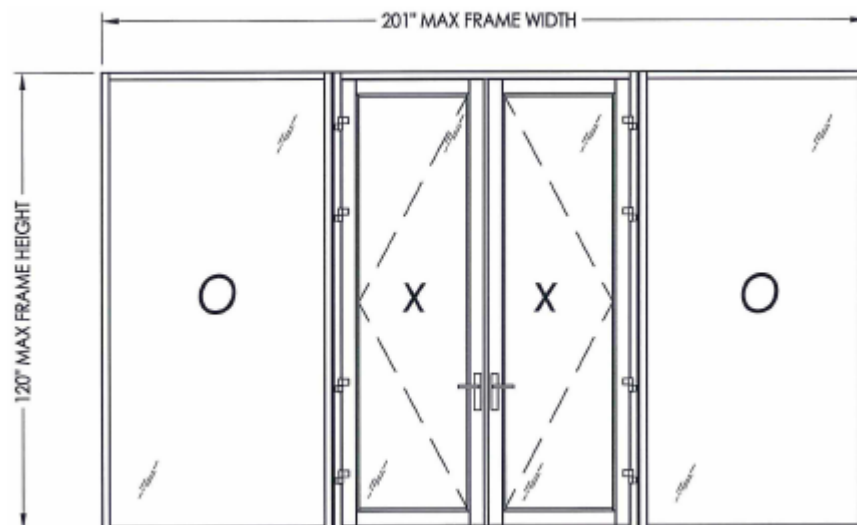
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Sample Illustration: Pair Shown MULLED to Wide Style Sidelites



SWING	MAX O.A FIN DIMENSION	MAX O.A. FRAME DIMENSION	MAX DOOR D.L.O. DIMENSION	MAX SIDELITE D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
						POSITIVE	NEGATIVE
OUTSWING	203.5" X 121.25"	201.0" X 120.0"	29.0" X 108.0"	47.0" X 108.0"	G1, G2, G3, G4	+55.0*	-55.0*
INSWING	203.5" X 121.25"	201.0" X 120.0"	29.0" X 108.0"	47.0" X 108.0"	G1, G2, G3, G4	+55.0*	-65.0*

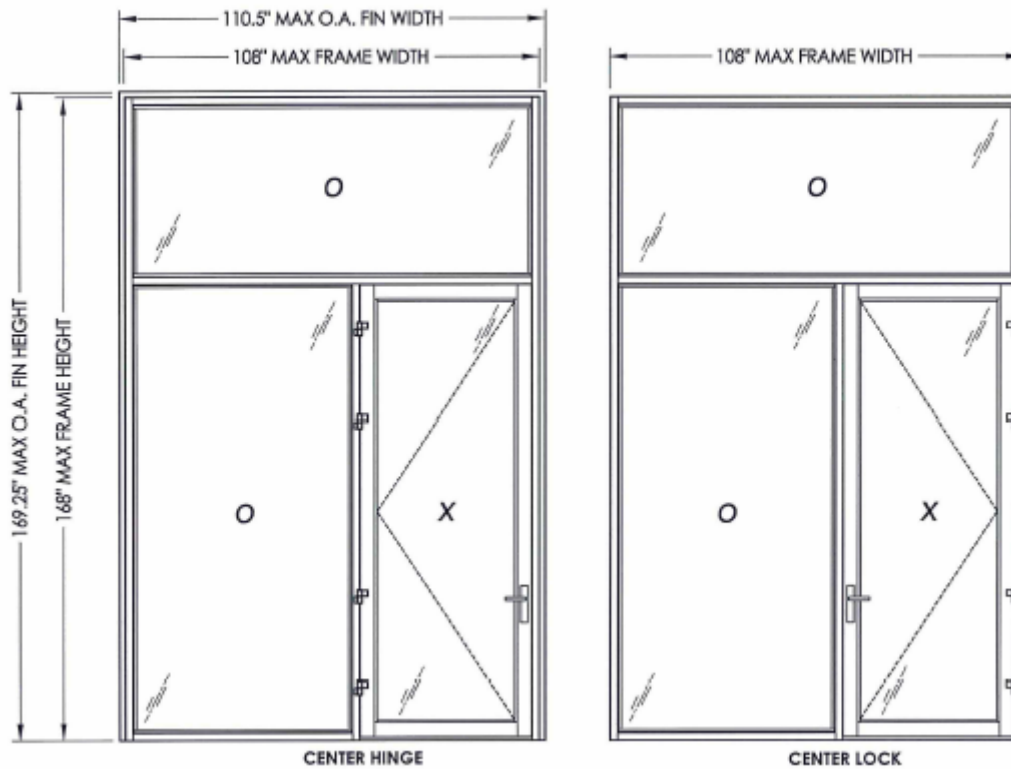
Sample Illustration: Pair Shown MULLED to 3800-T Narrow Style Sidelites



MAX O.A FIN DIMENSION	MAX O.A. FRAME DIMENSION	MAX DOOR D.L.O. DIMENSION	MAX SIDELITE D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
203.5" X 121.25"	201.0" X 120.0"	29.0" X 108.0"	57.0" X 117.0"	G1, G2, G3, G4, G5	+50.0	-50.0

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Sample Illustrations: O/OH With INTEGRAL Narrow Sidelite and Transom



MAX O.A. FIN DIMENSION	MAX O.A. FRAME DIMENSION	MAX DOOR D.L.O. DIMENSION	MAX SIDELITE D.L.O. DIMENSION	MAX TRANSOM D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
						POSITIVE	NEGATIVE
110.5" X 169.25"	108.0" X 168.0"	35.0" X 108.0"	55.25" X 115.25"	102.25" X 43.25"	G1, G2, G3, G4, G5	+50.0	-55.0

NOTE: FRAME ASSEMBLY W/ CENTER LOCK DOOR IS LIMITED TO +/- 50 PSF DESIGN PRESSURE.