CURRIES
Product Summary

General Information

1) Product is qualified for Large and Small Missile Impact unless noted.
2) Not approved for Water Infiltration unless noted.
3) Product meets the requirements of the High Velocity Hurricane Zone.
4) Substitution of hardware components must be in compliance with the Florida Building Code.

Hardware

Assembly Ref.	Rating PSF	Size Opening	Door Series	Door Face	Hardware	Notes
A	50	8'0" x 8'0"	707	Louver	Sargent 10 Line or 6500 Series Cylindrical w/ Sargent 480 Series Dead Bolt, and Ives 360 (12") surface bolts on each leaf	Anemostat FPL2 Louver per Leaf
B	57.2	4'0" x 7'0"	747	Flush	Sargent HC8800 Rim Exit	
C	60	6'0" x 7'0"	707	Flush	Sargent 8200 Mortise w/ Deadbolt and Ives 360 (12") Surface Bolts on inactive leaf	12 Ga Min x 16" Head Reinf. For Surface Bolt
D	62	8'0" x 8'0"	747	Flush	HC8700 Exit Device on both leafs	1 anchor per leaf in head @ 16" from center
E	72	3'0" x 7'0"	707	1/2 Glass	Sargent 8200 Mortise, or Sargent 10 Line Cylindrical, or Schlage D Series Cylindrical	12" x 12" min window, 24" x 32" max window
F	80	3'0" x 7'0"	707	Flush	Sargent 8900 Mortise Exit Device	7 Ga Strike Reinforcement
G	85	3'0" x 7'0"	707	Flush	Sargent 6500 Cylindrical Lock	
H	100	3'0" x 7'0"	707	Flush	Sargent 8200 Mortise w/ Deadbolt	7 Ga Strike Reinforcement

Doors

1) Curries Embossed or CURRIStain doors may be used when a 707 is listed.
2) Curries single doors as shown in the drawings are qualified as Outswing only.
3) Minimum 18 gauge (0.041") Cold rolled, Galvanized, or Stainless Steel doors unless noted.
4) Minimum 16 gauge (0.053") end channels unless noted.
5) Minimum 14 gauge (0.073") lock channel and hinge channel unless noted.

Frames

1) KD mitered or welded three-sided door frames may be used.
2) Minimum 16 gauge (0.053"min) frames unless noted.
3) Frame jamb depth 5-3/4" min, 14" max unless noted.
4) Face dimensions of 2" on jambs. Heads with 2" min - 4" max face unless noted.
5) Minimum 7 gauge (0.171") hinge reinforcement unless noted.

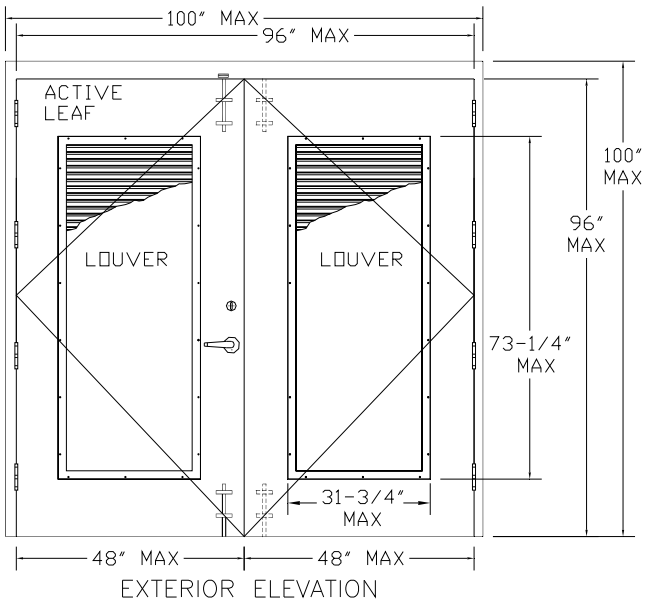
Thresholds and Weather-strip

1) Thresholds
   McKinney Products Part Nos. MCK177, MCK181, MCK2005;
   National Guard Part Nos. 803, 804, 896, 8315; Pemko Part Nos. 177, 181, 20
2) Weather-strips
   MCKS88, MCK303 (Use MCK303 with continuous hinges)
   National Guard Part Nos. 160, 5050 (Use 160 with continuous hinges)
   Pemko Part Nos. S88, 303 (Use 303 with continuous hinges)

Tested Protocols Used

1) TAS 201-94, Impact Test Procedures
2) TAS 202-94, Criteria for Testing Impact and Non-Impact Resistant Building Envelope Components Using Uniform Static Air Pressure.
3) TAS 203-94, Criteria For Testing Products Subject to Cyclic Wind Pressure Loading.

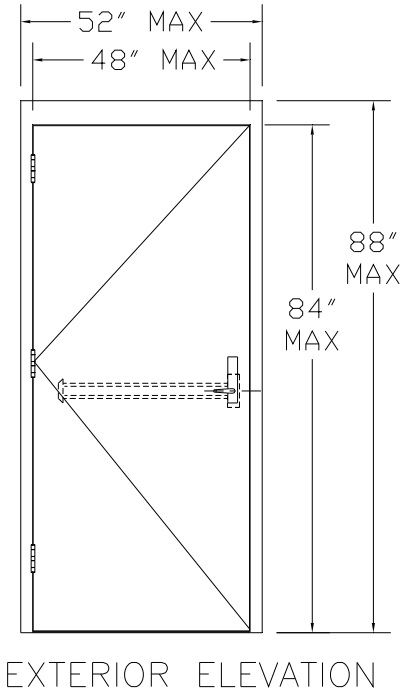
Assembly A



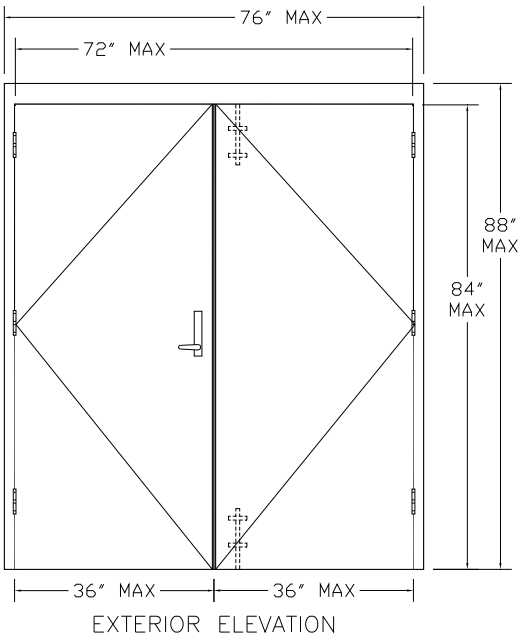
1) Head Reinforcement required for surface bolt, Minimum 12 gauge (0.105") x 16".
2) Surround Channel required, Minimum 14 gauge (0.073").
3) Door Surface Bolt Reinforcement required, Minimum 12 gauge (0.105").
4) Product does not meet "Large Missile Impact".
5) Curries Model 707 door, 16 gauge (0.053") minimum.
6) Latch Bolt and Dead Bolt required

Assembly B

1) Curries Model 747 Flush door, 16 gauge (0.053") minimum.
2) Hinge channel to be 12 gauge (0.110") minimum.
3) Ribs to be 20 gauge (0.032") minimum.
4) Rim Exit Strike reinforcement 12 gauge (0.110") minimum.



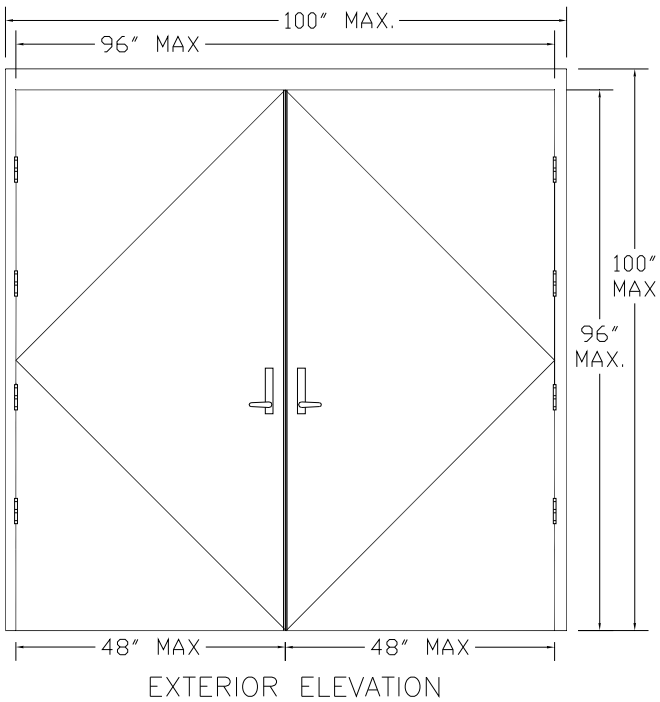
Assembly C



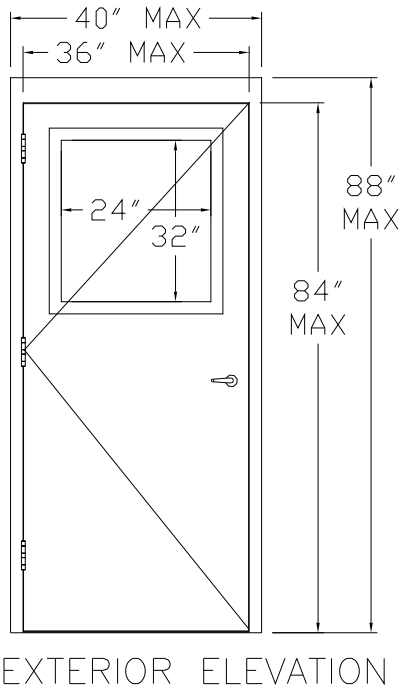
1) Head Reinforcement required for surface bolt, Minimum 12 gauge (0.105”) x 16”.
2) Door Surface Bolt Reinforcement required, Minimum 12 gauge (0.105”).
3) Curries Model 707 Flush door,16 gauge (0.053”) minimum

Assembly D

1) Curries Model 747 Flush door, 16 gauge (0.053”) minimum.
2) Head Reinforcement required, Minimum 12 gauge (0.105”) x 16”.
3) One anchor in the frame head per door leaf, 16” from center on pairs, 14” from the lock centerline on singles.



Assembly E

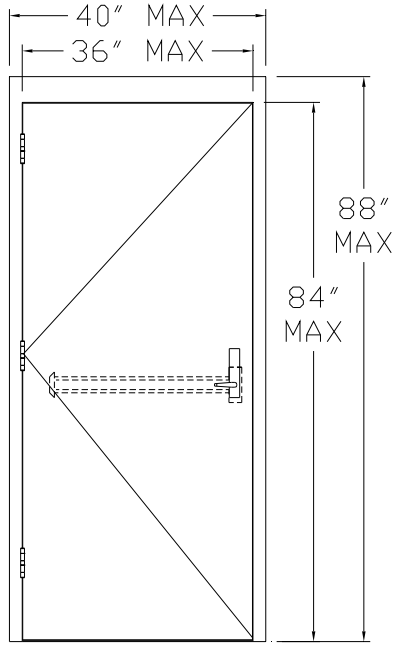


EXTERIOR ELEVATION

1) Minimum 12” x 12” window, Maximum 24” x 32” (768 sq in) window.
2) Curries Type 1, Type 2, or Type 3 vision light kit, 18 gauge (0.041”) minimum.
3) Door surround channel minimum 20 gauge (0.032”).
4) Curries Model 707 door, 18 gauge (0.041”) minimum.

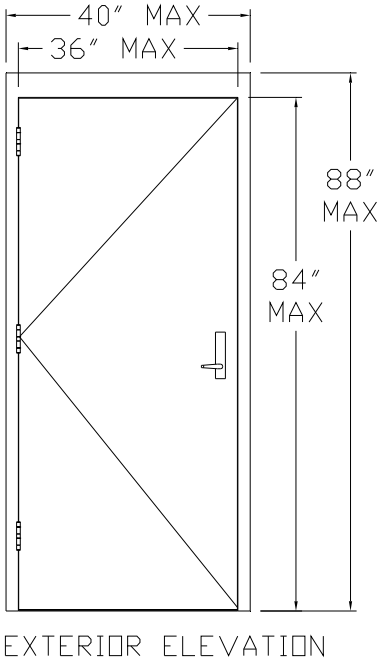
Assembly F

1) Weld perimeter of end channels together on corners of door.
2) Minimum 7 gauge (0.171”) frame strike reinforcement.
3) Mortise Lock Reinforcement 14 gauge minimum (0.073”) x 18”.
4) Mortise reinforcement hinge side 14 gauge minimum (0.073”) x 12”.
5) Curries Model 707 Flush door, 18 gauge (0.041”) minimum.



EXTERIOR ELEVATION

Assembly G

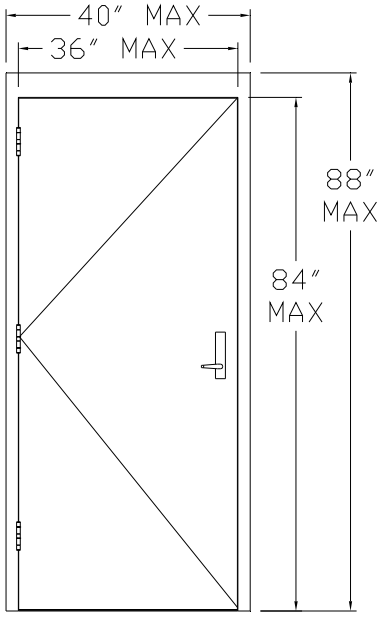


EXTERIOR ELEVATION

1) Weld perimeter of end channels together on corners of door.
2) Curries Model 707 Flush door, 18 gauge (0.041”) minimum.

Assembly # H

1) Weld perimeter of end channels together on corners of door.
2) Curries Model 707 Flush door, 18 gauge (0.041”) minimum.



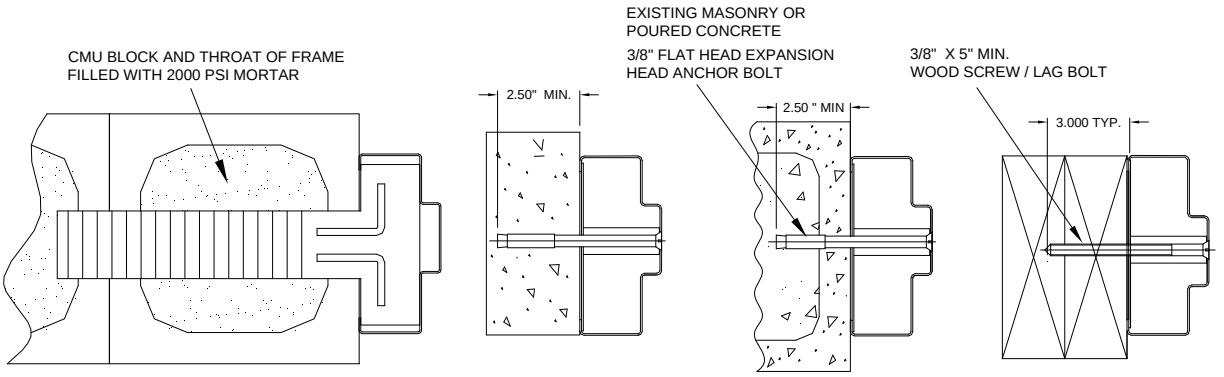
EXTERIOR ELEVATION

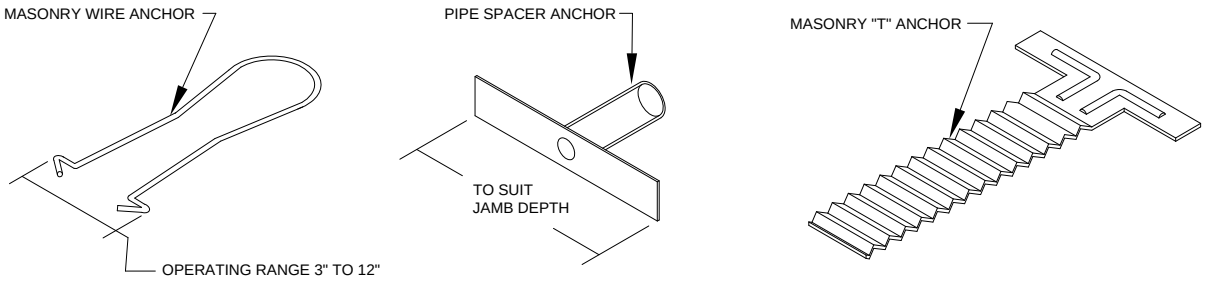
CURRIES
Installation Instructions

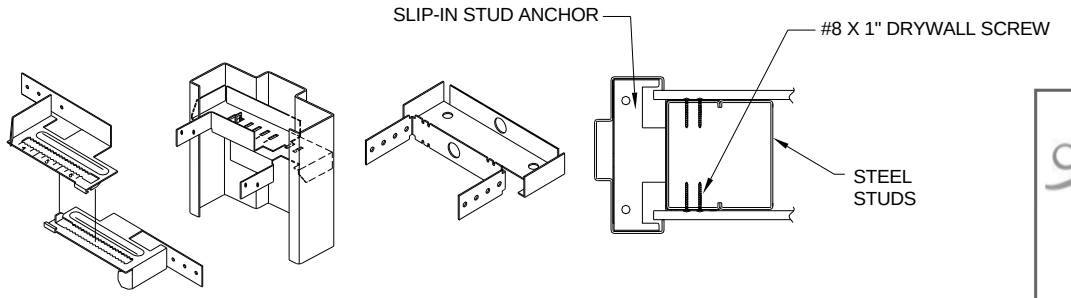
Anchoring

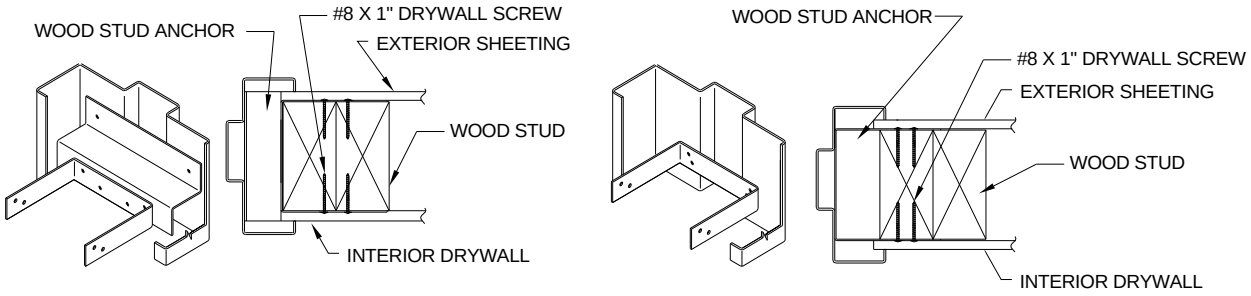
1) Rough opening material, by others, must be installed properly to transfer loads to the building structure.
2) Anchoring or loading conditions not shown in these details are not part of this approval.
3) Building walls must be designed to support and sustain loads developed by the door and frame assembly and transfer loads to the building structure.
4) Anchors shall be as listed and spaced as shown in the table below.
5) Anchor embedment to base material shall be beyond wall dressing or stucco.
6) Masonry "T", Pipe Spacer, wire, welded EWA, wood stud, or steel stud anchors required.

ANCHOR REQUIREMENT TABLE					
OPENING HEIGHT	ANCHORS W/ 3/8" LAG SCREW, STEEL STUD, OR WOOD STUD	ANCHORS W/ 3/8 EXPANSION SHELL	MAX. SPACING	MASONRY "T", OR WIRE ANCHORS	MAX. SPACING
80" – 88"	4	4	22	4	24
90"	5	4	22	4	24
92" – 96"	5	5	22	5	24









Hinges

1) Any Steel Door Institute (SDI) Member hinge spacing.
2) Minimum hinge size is 4-1/2” Std. Wt. unless otherwise noted.

Locks

1) Any SDI Member lock locations.

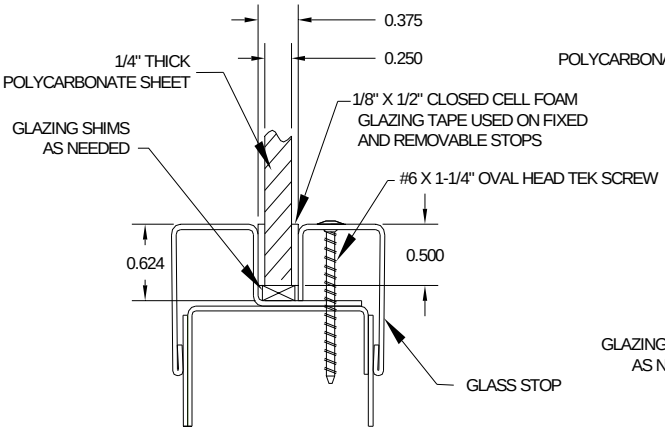
Glazing

1) Curries Vision Light Kit- Minimum 18 gauge (0.041”) when required.
2) Surround Channel – Minimum 20 gauge (0.032”) when required.
3) Approved Polycarbonate (1/4” minimum thickness), or GLASSLAM.

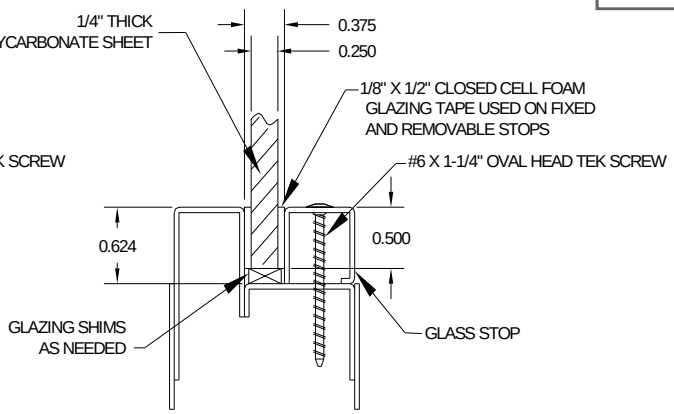
Frame

1) Frame heads with faces greater than 2” must be grouted with 2000 psi concrete.
2) Install frames per ANSI A250.11.

Polycarbonate Glazing Instructions

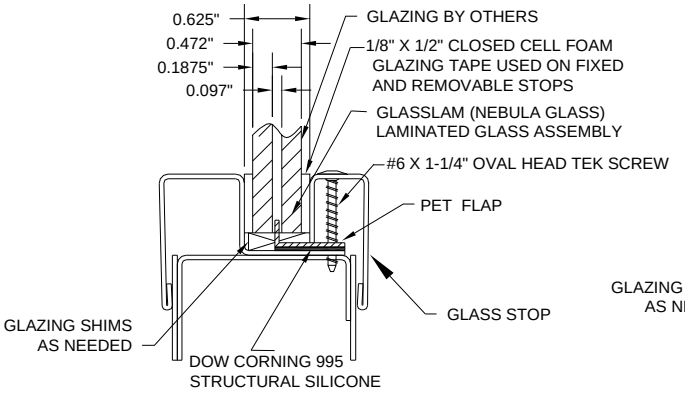


Curries Type 1 Vision Light Kit

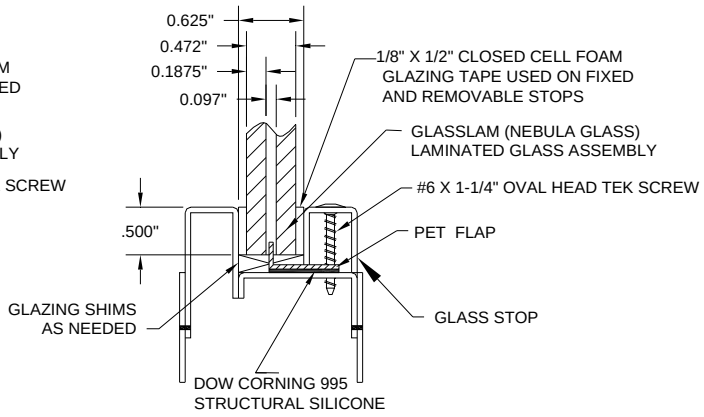


Curries Type 3 Vision Light Kit

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 #6 x 1-1/4” 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 polycarbonate 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 polycarbonate on the exposed foam tape.
7) Place glazing shims, as needed, then set the polycarbonate on the foam glazing tape.
8) Adjust the polycarbonate, as necessary, to center the polycarbonate in the cutout.
9) If the release is plastic, grasp the free end of the plastic release, while holding the polycarbonate to keep it from moving. Then slowly pull the plastic release off the foam tape that was applied to the fixed stop.
10) Apply 1/8” x 1/2” closed cell foam glazing tape to the removable stop.
11) 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.
12) 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 polycarbonate.
13) Using the alignment marks, position the removable stops against the polycarbonate.
14) Install and tighten the #6 x 1-1/4” oval head TEK screws in the removable stops. Be careful not to over tighten.
15) 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.
16) 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 Type 1 Light Kit



Curries Type 3 Vision Light Kit

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 #6 x 1-1/4" 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 is flush with the door face.
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 <u>and</u> 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.

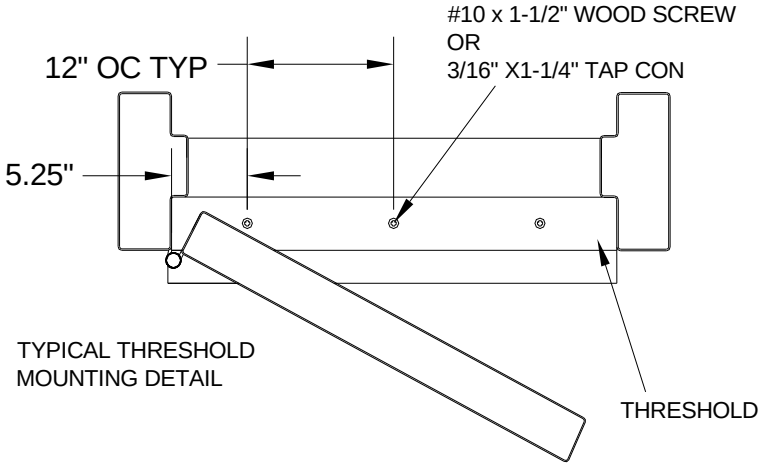
15) If there is plastic release on the foam glazing tape, pull the plastic release back about 2" from each end of the foam tape. Pull the plastic release around the removable stop so it can be grasped after placing the removable stop on the polycarbonate.
16) If there is paper release on the foam glazing 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 #6 x 1-1/4" 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.

Thresholds and Weather-strip

1.) Thresholds
McKinney Products Part Nos. MCK177, MCK181, MCK2005
National Guard Part Nos. 803, 804, 896, 8315
Pemko Part Nos. 177, 181, 2005

2.) Weather-Strips
McKinney Products Part Nos. MCKS88, MCK303 (Use MCK303 with continuous hinges)
National Guard Part Nos. 160, 5050 (Use 160 with continuous hinges)
Pemko Part Nos. S88, 303 (Use 303 with continuous hinges)

Threshold Installation



TYPICAL THRESHOLD MOUNTING DETAIL

NOTE: 1/8" CLEARANCE BETWEEN THE BOTTOM OF THE DOOR AND THE THRESHOLD IS TYPICAL

ZHLA.12
Windstorm-rated Assemblies

Page Bottom

Windstorm-rated Assemblies

See General Information for Windstorm-rated Assemblies

Assembly No. 12

June 05, 2008

Refer to Guide Information for Typical Assemblies A and B

Standard	Rating
TAS-201-94, TAS-202-94, TAS-203-94	Design Pressure- 85 psf (i) Large missile impact - 350 ft-lbs
TAS-201-94, TAS-202-94, TAS-203-94	Design Pressure- 65 psf (ii) Large missile impact - 350 ft-lbs
TAS-201-94, TAS-202-94, TAS-203-94	Design Pressure - 62 psf (iii) Large missile impact - 350 ft-lbs
TAS-201-94, TAS-202-94, TAS-203-94	Design Pressure - 57.2 psf (iv) Large missile impact - 350 ft-lbs
TAS-201-94, TAS-202-94, TAS-203-94	Design Pressure - 100 psf (v) Large missile impact - 350 ft-lbs
TAS-201-94, TAS-202-94, TAS-203-94	Design Pressure- 60 psf (vi) Large missile impact - 350 ft-lbs
TAS-201-94, TAS-202-94, TAS-203-94	Design Pressure- 80 psf (vii) Large missile impact - 350 ft-lbs
TAS-201-94, TAS-202-94, TAS-203-94	Static Load - 50 psf (viii) Large missile impact - 100 mph
TAS-201-94, TAS-202-94, TAS-203-94	Static Load - 72 psf (ix) Large missile impact - 100 mph

1. **Door* —** As follows:

ASSA ABLOY DOOR GROUP L L C CURRIES DIV (View Classification) — Model 707

1A. Max. size 3 ft. 0 in. by 7 ft. 0 in. single door, min. 18 gauge (i, v, vii, ix)

1B. Max. size 6 ft. 0 in. by 7 ft. 0 in. pair of doors, min. 16 gauge (vi)

1C. Max. size 8 ft. 0 in. by 8 ft. 0 in. pair of doors, min. 16 gauge (viii)

ASSA ABLOY DOOR GROUP L L C CURRIES DIV (View Classification) — Model 747

1A. Max. size 4 ft. 0 in. by 7 ft. 0 in. single door, min. 16 gauge (i, iv)

1B. Max. size 8 ft. 0 in. by 8 ft. 8 in. pair of doors, min. 16 gauge (ii, iii)

2. **Frame* —** Knocked-down type or fully welded corners, min. 5-3/4 in. depth, min. 16 Gauge steel; 2 in. face for jambs, 4 in. max. for head, with existing opening Anchors, masonry tee, or wire masonry Anchors. Sized for single doors up to 4 ft. 0 in. by 7 ft. 0 in. or for standard swing door pairs up to 8 ft. 0 in. by 8 ft. 0 in.

ASSA ABLOY DOOR GROUP L L C CURRIES DIV (View Classification) — Hollow metal.

3. **Latch* —**

SARGENT MFG CO (View Classification) — Model 8200 with or without deadbolt function (rating requires this model to have the deadbolt thrown, except for ii and ix)

SARGENT MFG CO (View Classification) — Model 6500 (i. viii)

SARGENT MFG CO (View Classification) — Model HC8700 (ii, iii)

SARGENT MFG CO (View Classification) — Model HC8800 (iv)

SARGENT MFG CO (View Classification) — Model 8900 (vii)

SARGENT MFG CO (View Classification) — Model 10 Line with 480 Series Deadbolt (viii)

SARGENT MFG CO (View Classification) — Model 10 Line (ix)

SARGENT MFG CO (View Classification) — Model 988 surface bolt (i, ii, vi, viii)

4. **Hinges* —** Steel or stainless steel commercial ball bearing hinges, Min 3 hinges measuring 4-1/2 x 4-1/2 x 0.134 in. for 7 ft. doors, 4 hinges measuring 4-1/2 x 4-1/2 x 0.134 in. for 8 ft. doors.

5. **Wall —** Masonry, wood stud, structural steel or concrete.

*Bearing the UL Classification Mark

6. **Gasketing Materials —** (Not Shown - Optional) Pemko Model S88 weatherstripping, Pemko Model 303 for meeting edges of pairs and Pemko Model 2005 for use at the sill.

*Bearing the UL Classification Mark

Last Updated on 2008-06-05