



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

**Jeld-Wen, Inc.
3250 Lakeport Drive
Klamath Falls, OR 97601**

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "Doorcraft® Steel" 6'8 Outswing Opaque Steel Edge Door w/wo Sidelites

APPROVAL DOCUMENT: Drawing No. S-2102, titled "Outswing Opaque Steel Edge Steel Door up to 107" x 6-8 Unit", sheets 1 through 7, prepared by RW Building Consultants, Inc., dated 5/30/02, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



**NOA No 02-0107.02
Expiration Date: July 3, 2007
Approval Date: July 3, 2002
Page 1**

DoorCraft® STEEL EDGE

STEEL EDGE OPAQUE INSULATED STEEL DOOR
OUTSWING 6-8 UNITS W/ & W/O SIDELITES

GENERAL NOTES

- THIS PRODUCT IS DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE.
- WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
- PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- DESIGNED PRESSURE RATING SEE TABLE PAGE 1.
- THIS SYSTEM MEET THE WATER REQUIREMENTS FOR "HIGH VELOCITY HURRICANE ZONES". SEE DESIGN PRESSURE CHART BELOW
- THIS SYSTEM REQUIRES WINDBORNE DEBRIS EXTERNAL PROTECTION AS PRESCRIBED IN SECTION 1626.1 OF THE FLORIDA BUILDING CODE, AT SIDELITES ONLY.

RESIDENTIAL INSULATED STEEL DOOR (Common to all frame conditions)

Door Leaf Construction:

Face sheets: 24 ga. (0.021") minimum thickness, Galvanized steel A-525 commercial quality - AKDQ per ASTM 620 with yield strength $F_y(\text{ave.})=24,600$ psi.

Core design: Expanded polystyrene with 1.0 to 1.25 lbs. density, by Jeld-Wen, Inc.

Panel Construction: The active and inactive door panels are constructed from (2) 24 ga. (0.021") thick galvanized steel skins with roll formed edges to receive the 1.73" wide x 1.219" thick one piece continues roll formed galvanized steel side stiles/top rail. The tops of the steel panels are bent at a ninety-degree angle to overlap 0.25" the steel top rail and side stiles. The bottom rail is 0.021" roll formed steel 1.67" wide x 1.21" high formed to receive door bottom sweeps when required. The steel bottom is butted to the side stiles. The side stiles have a tab, which is bent 90° over the bottom rail and secured with a 0.25" x 0.5" 16ga rivet at each corner. The bottoms of the steel panels are bent at a ninety-degree angle to overlap the bottom rail 0.25". Each hinge location on the hinge stile is internally reinforced with a 1.131" wide x 1.213" deep x 12.404" long piece of pressed fiberboard, (MDF board). The interior cavity of each door is filled with polystyrene. The face sheet is glued to the polystyrene.

Sash Construction: The sash is constructed from 24GA. (0.021" min.) galvanized steel. The edges of the face sheet are bent 90° over the polystyrene core and glued to it. The sashes are routed to receive the ODL (HP Polypropylene Thermofil-P6-30FM0391) lite frame. The units are glazed with .125" tempered glass. The lite frames are sealed with QSD glazing compound on the exterior.

Frame Construction: The frames are constructed from Ponderosa Pine jambs measuring 4.563" x 1.25". The head jambs are mortised and butt joined to the side jambs and attached with (3) 16GA. 2" x 7/16" crown wire staples. The units use a bump face threshold measuring 4.041" x 1.0". The threshold is attached to the frame with (3) 16GA. 2" x 7/16" crown wire staples.

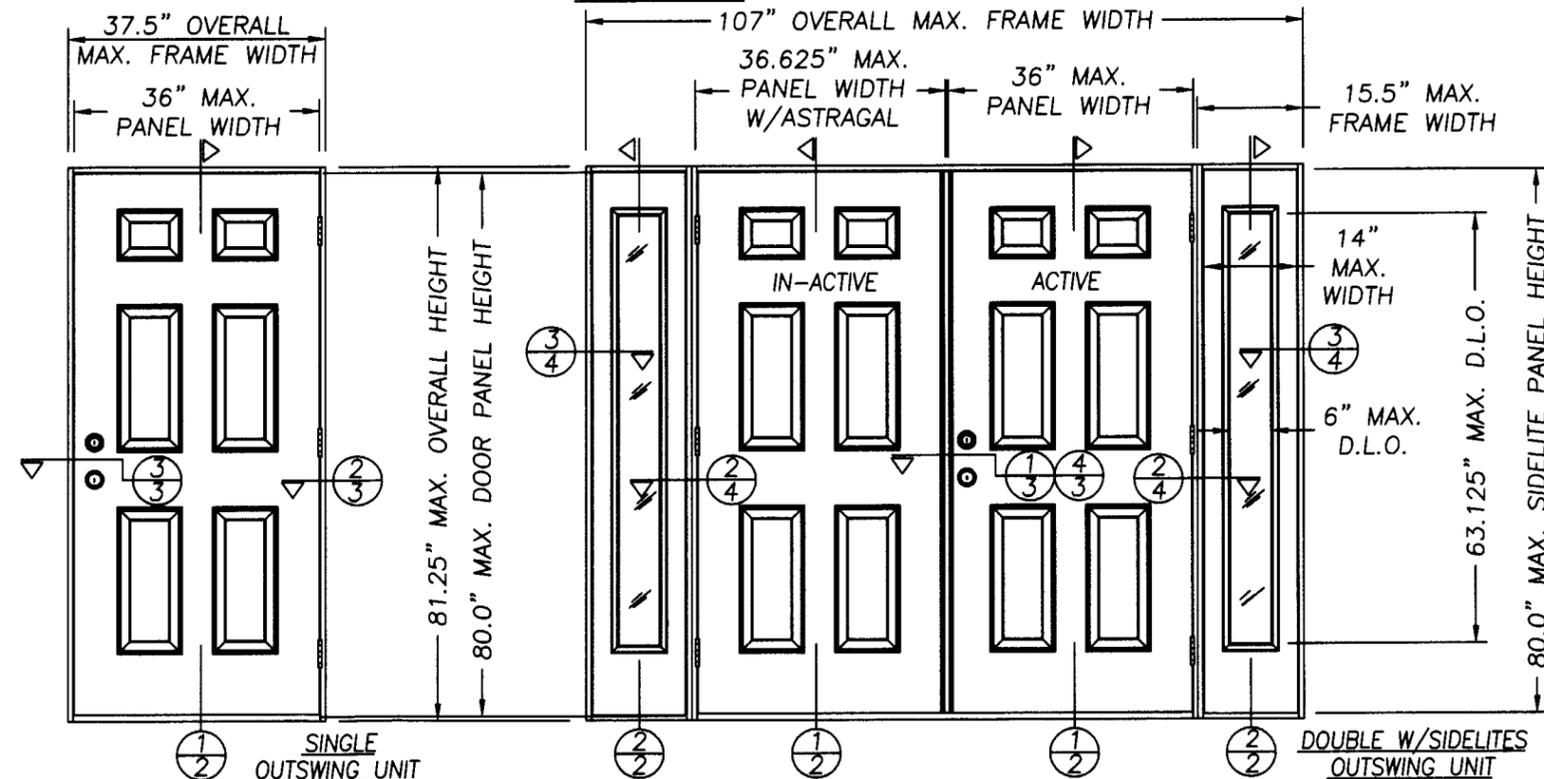
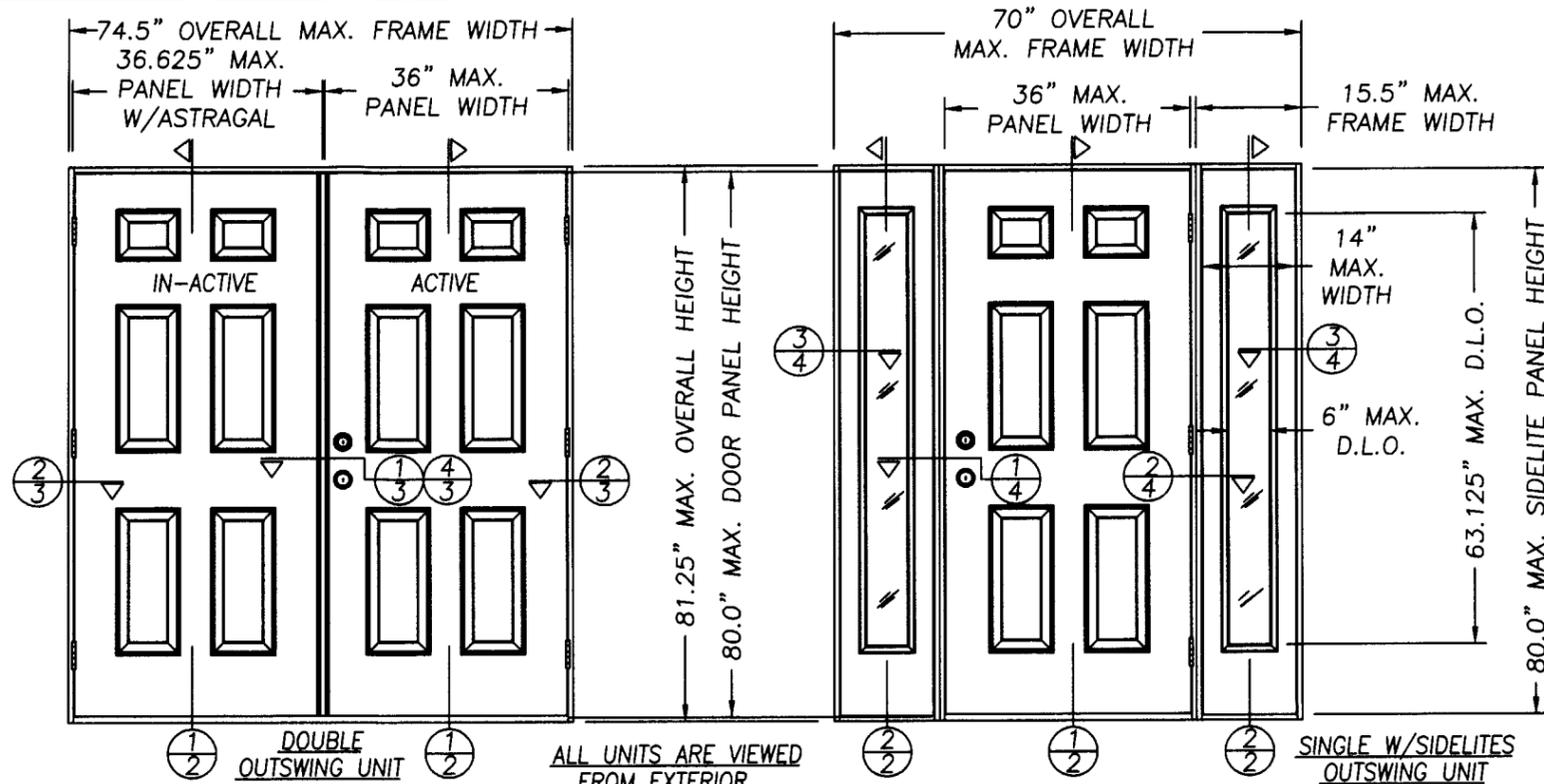


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4	HORIZONTAL CROSS SECTIONS & NOTES
5	ANCHORING LOCATIONS & DETAILS
6	ANCHORING LOCATIONS & GLAZING DETAIL
7	UNIT COMPONENTS

DESIGN PRESSURE RATING WHERE WATER INFILTRATION REQUIREMENT IS NEEDED		
UNIT TYPE	POSITIVE	NEGATIVE
SINGLE WITH OR WITHOUT SIDELITES	+67.0psf	-67.0psf
DOUBLE W/O SIDELITE (WINDJAMBER II ASTRAGAL)	+67.0psf	-67.0psf
DOUBLE W/O SIDELITES (IMPERIAL HURRICANE ASTRAGAL)	+60.0psf	-60.0psf

Approved as complying with the
Florida Building Code
Date July 3, 2002
NOA# 021-0107.02
Miami Dade Product Control
Division
By Manuel Perez

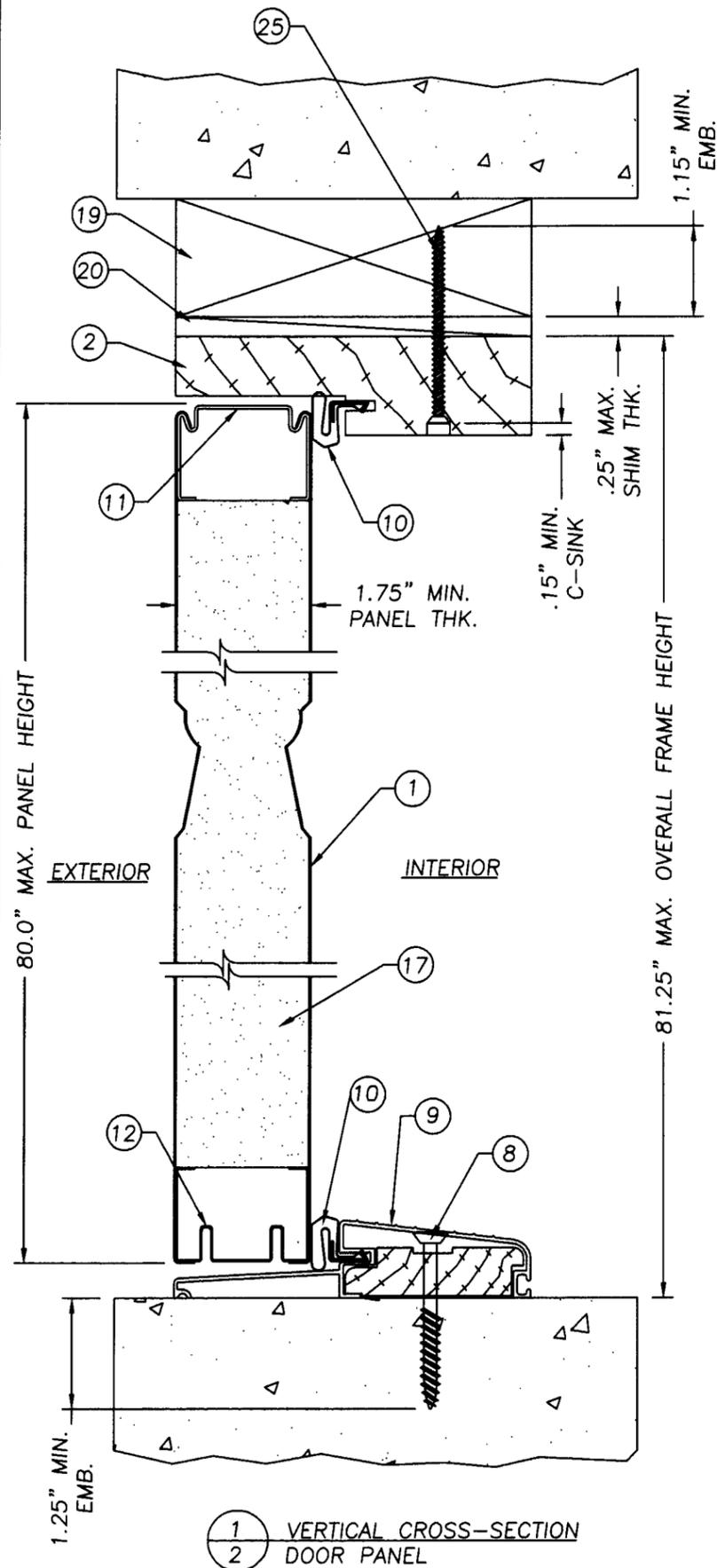
DATE: 12/26/01
SCALE: N.T.S.
DWG. BY: WLN
CHK. BY: RW
DRAWING NO.: S-2102
SHEET 1 OF 7

PRODUCT:
OUTSWING OPAQUE STEEL
EDGE STEEL DOOR UP TO
107" x 6-8 UNIT
PART OR ASSEMBLY:
GENERAL NOTES &
TYPICAL ELEVATIONS

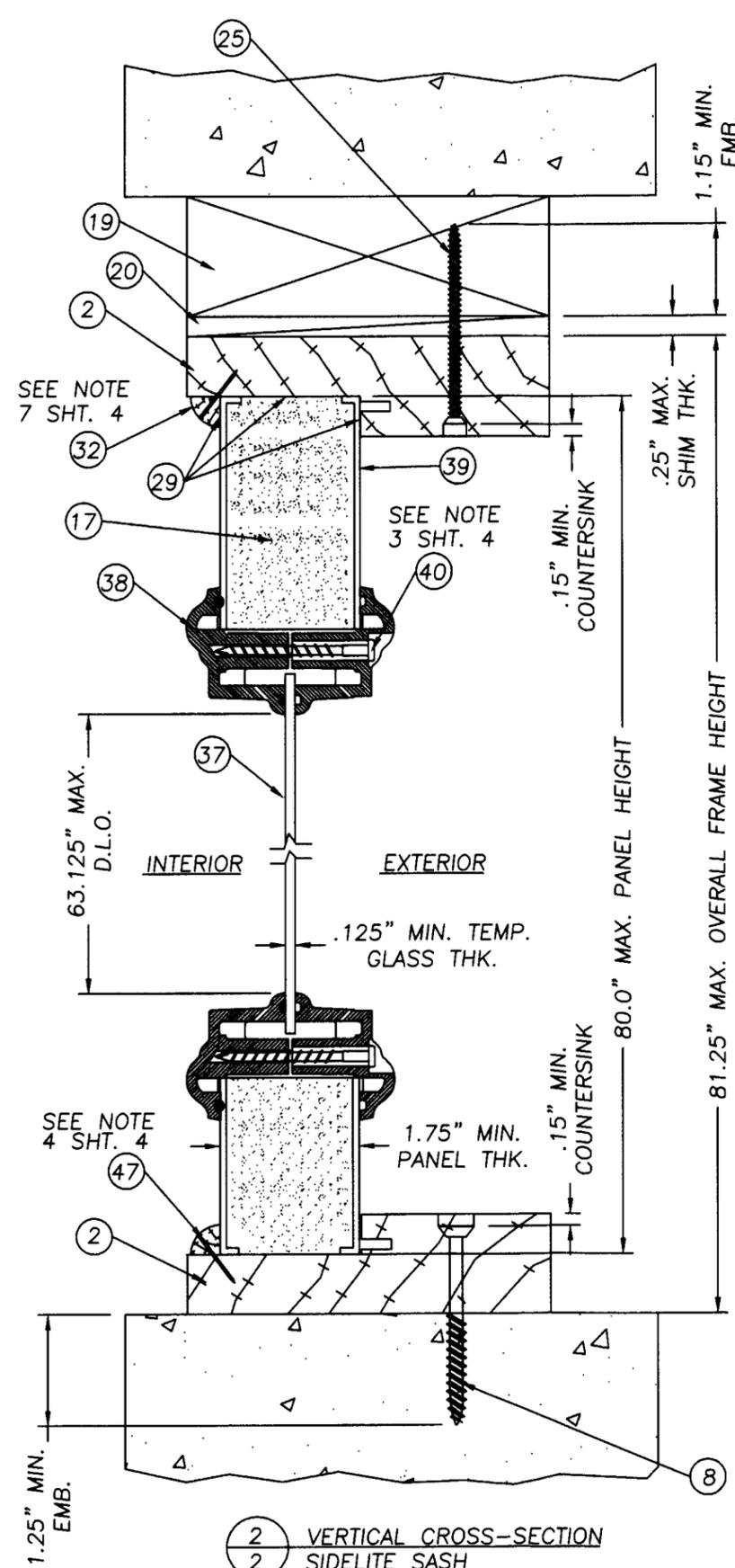
NO.	DATE	REVISIONS	BY
2	05/30/02	CORRECT B.O.M.	RW
1	03/13/02	GENERAL REVISION	TJH

RW BUILDING
CONSULTANTS, INC.
813.684.3831

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057



1 VERTICAL CROSS-SECTION
 2 DOOR PANEL



2 VERTICAL CROSS-SECTION
 2 SIDELITE SASH

ITEM	DESCRIPTION	MATERIAL
1	DOOR, STEEL EDGE 1.75" THK. 24GA. (.021" MIN.)	STEEL
2	HEAD JAMB (1 1/4" x 4 9/16" FINGER JOINTED PINE)	PINE
3	HINGE JAMB (1 1/4" x 4 6/16" FINGER JOINTED PINE)	PINE
4	SIDELITE BLANK JAMB (1 1/4" x 4 9/16" FINGER JOINTED PINE)	PINE
5	4" x 4" BUTT HINGE 12ga. (.097" HAGER)	STEEL
6	#9 x 1" PFH WOOD SCREW (HINGE TO DOOR)	STEEL
7	#10 x 1" PFH WOOD SCREW	STEEL
8	1/4" x 2 1/2" TAPCON	-
9	OUTSWING BUMPER THRESHOLD (.050" EXTRUDED ALUM.)	ALUM.
10	COMPRESSION WEATHERSTRIP (SCHLEGEL Q-LON QDS 650)	FOAM
11	TOP RAIL (1.73" x 1.21" x 0.021" MIN. THK.)	STEEL
12	BOTTOM RAIL (1.73" x 1.21" x 0.021" MIN. THK.)	STEEL
13	SIDE STILE (1.73" x 1.21" x 0.021" MIN. THK.)	STEEL
14	#10 x 1 3/4" PFH WOOD SCREW	STEEL
15	WOOD LOCK BLOCK (1.71" x 4.0" x 11.875")	WOOD
16	1.131" x 1.131" x 12.4" MDF BOARD	-
17	EXPANDED POLYSTYRENE (1.0 to 1.25 lb. DENSITY) BY JELD-WEN	FOAM
18	1/4" x 1 3/8" WOOD MULLION CAP	WOOD
19	2x WOOD SUB BUCK	WOOD
20	SHIM MATERIAL (.25" MAX. THK.)	-
21	KWIKSET 400 SERIES KNOB	-
22	KWIKSET TITAN 700 SERIES DEADBOLT	-
23	NOT USED	-
24	# 8 x 2" PHILL. FLATHEAD WOOD SCREW	STEEL
25	# 8 x 2 1/2" PHILL. FLATHEAD WOOD SCREW	STEEL
26	ASTRAGAL EXTRUDED ALUM. (WR68J WINDJAMBER II)	ALUM.
27	GLAZING COMPOUND DOW 1199 SILICONE	SILICONE
28	EXTRUDED ALUMINUM ASTRAGAL BY IMPERIAL	ALUM.
29	SILICONE CAULK (CR LAWRENCE 33C)	SILICONE
30	GLAZING COMPOUND (QSD BY ODL)	SILICONE
31	#8 x 1" PHILLIPS PANHEAD WOOD SCREW (ASTRAGAL WR68J TO DOOR)	STEEL
32	3/8" x 3/8" 1/4" ROUND SIDELITE STOP	WOOD
33	NOT USED	-
34	SCHLAGE KNOB SET #F51	-
35	SCHLAGE DEADBOLT #B360	-
36	NOT USED	VINYL
37	1/8" TEMPERED GLASS (BY PPG)	-
38	LITE FRAME (ODL HP POLYPROP. THERMOFIL-P6-30FM0391)	POLYPROP.
39	STEEL SIDELITE PANEL 24GA. (.021" MIN. STEEL)	STEEL
40	#8 x 1 1/2" PLASCREW (LITE FRAME)	STEEL
41	LATCH JAMB (1 1/4" x 4 9/16" FINGER JOINTED PINE)	-
42	YALE KNOB HERITAGE SERIES	WOOD
43	YALE DEADBOLT HERITAGE SERIES	-
44	16GA. BRAD TRIM NAIL 1" L.	STEEL
45	NOT USED	-
46	#10 x 2" PHILLIPS FLATHEAD WOOD SCREW	STEEL
47	16GA. BRAD TRIM NAIL 3/4" L.	STEEL
48	3/4" PRESSURE TREATED REINFORCEMENT	WOOD

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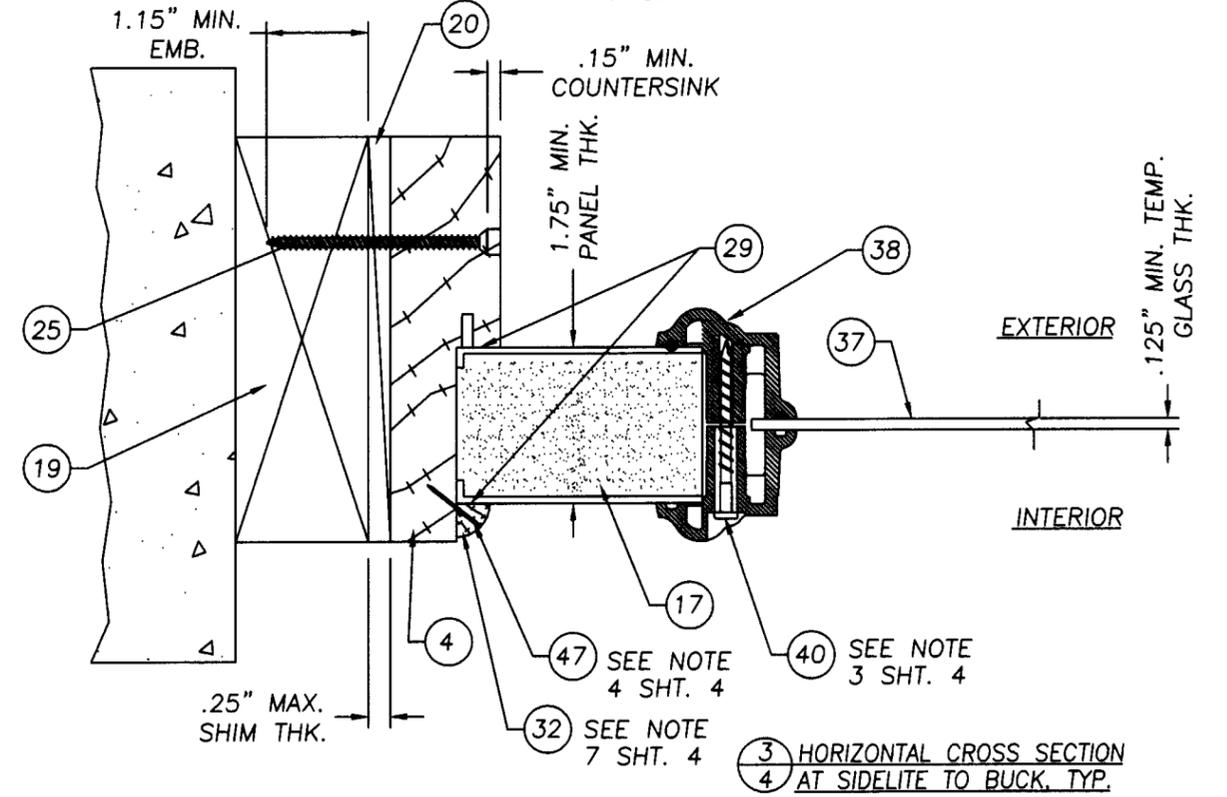
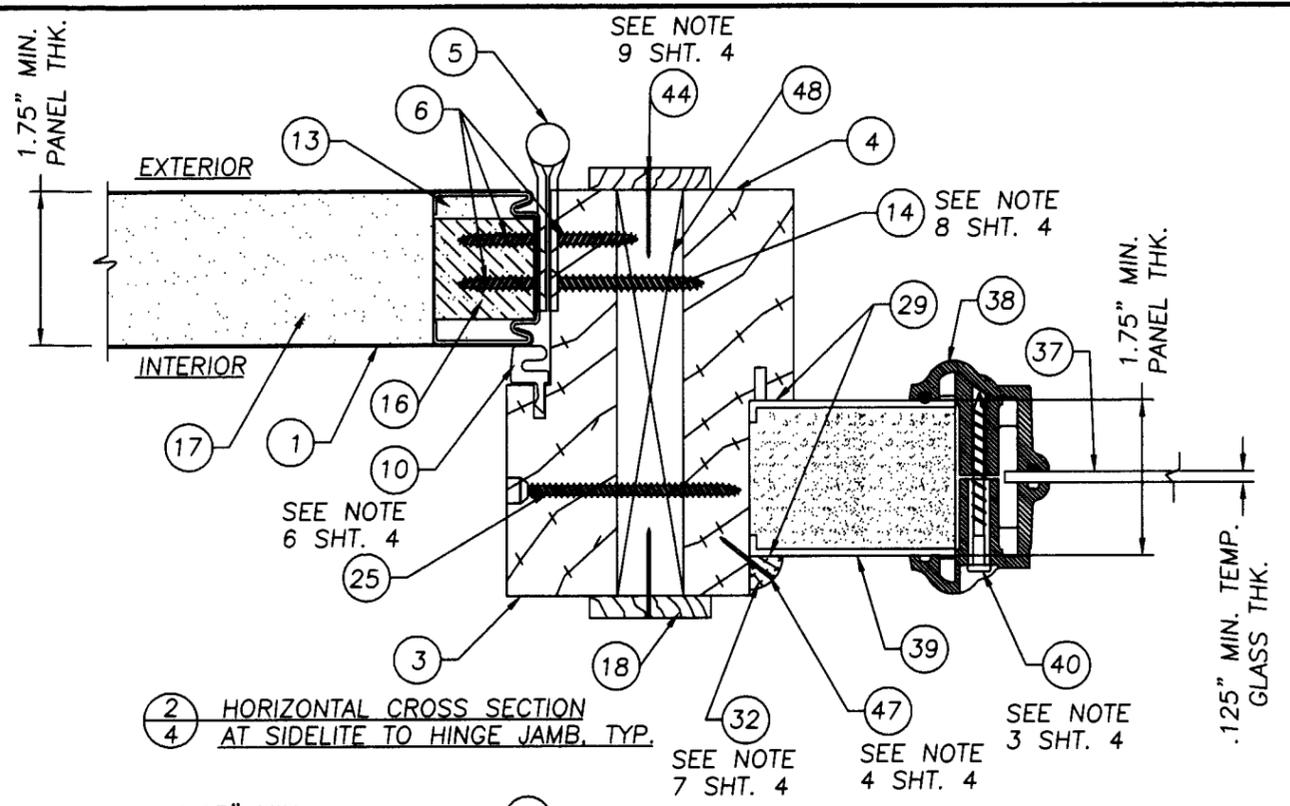
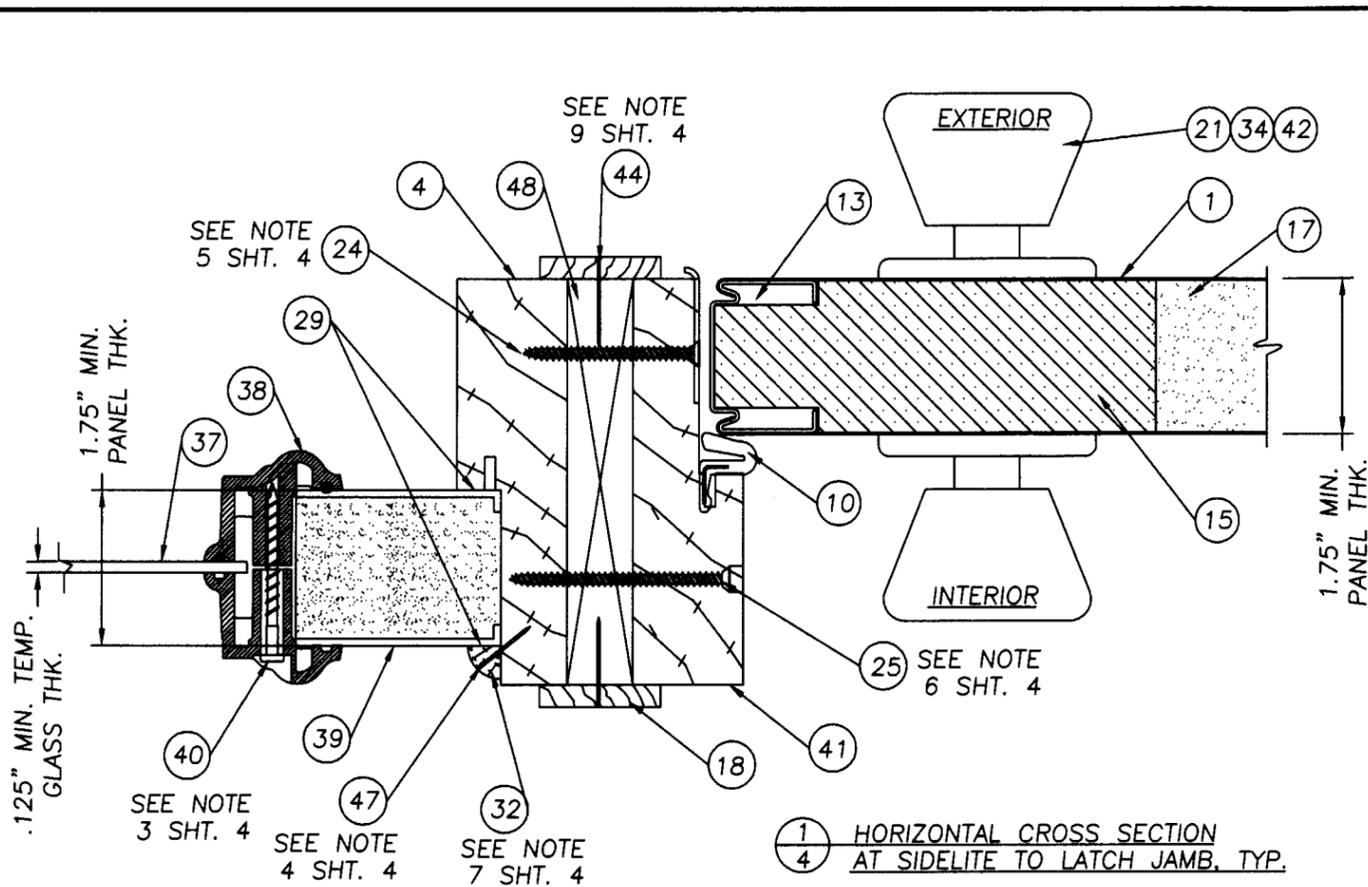
PRODUCT:
 OUTSWING OPAQUE STEEL
 EDGE STEEL DOOR UP TO
 107" x 6-8 UNIT
 PART OR ASSEMBLY:
 VERTICAL CROSS SECTIONS
 & BILL OF MATERIALS

NO.	DATE	REVISIONS
2	05/30/02	CORRECT B.O.M.
1	03/13/02	GENERAL REVISION
		TJH
		BY

RW BUILDING
 CONSULTANTS, INC.
 813.684.3831

Approved as complying with the
 Florida Building Code
 Date July 3, 2002
 NOA# 02-0107-02
 Miami Dade Product Control
 Division
 By *Manned*

DATE: 12/26/01
 SCALE: N.T.S.
 DWG. BY: WLN
 CHK. BY: RW
 DRAWING NO.:
 S-2102
 SHEET 2 OF 7



- NOTES:
1. SPACING FOR THE (9) #8 x 1" PFH SCREW ATTACHING THE WINDJAMBER ASTRAGAL TO THE INACTIVE DOOR IS AS FOLLOWS: TOP DOWN; 1.0", 3.0" 5.0" & 19.0". FROM THE BOTTOM UP; 1.0", 3.0", 5.0", 19.0" & 38.0".
 2. SPACING FOR THE (14) #10 x 1" PFH SCREW ATTACHING THE IMPERIAL ASTRAGAL TO THE INACTIVE DOOR IS AS FOLLOWS: FROM THE TOP DOWN & BOTTOM UP; 1.0", 2.5", 4.0", 5.5", 13.0", 18.0" & 26.0".
 3. SPACING FOR #8 x 1 1/2" PLASCREW IS AS FOLLOWS; TOP & BOTTOM; (3) SCREWS (1) 3.0" IN FROM EACH HORIZONTAL CORNER (1) MORE IN THE CENTER. FROM THE TOP OF THE FRAME DOWN ON THE SIDES; 3.0", 13.0", 26.0", 39.0", 52.0" & 63.0".
 4. SPACING FOR BRAD TRIM NAIL 3/4" L. ATTACHING THE QUARTER ROUND TO THE SIDELITE IS AS FOLLOWS; TOP & BOTTOM; 1.25" IN FROM EACH HORIZONTAL CORNER WITH (1) MORE NAIL IN THE MIDDLE. SIDES; 1.25" FROM EACH END & SIX MORE EQUALLY SPACED ON THE FIELD.
 5. WHEN ATTACHING THE STRIKE PLATE TO THE JAMB AND BUCK USE #8 x 2 1/2" PFH WOOD SCREW. WHEN ATTACHING THE STRIKE PLATE TO THE JAMB AND SIDELITE JAMB AT THE MULLION USE #8 x 2." PFH WOOD SCREW.
 6. SPACING FOR #8 x 2.5" PFH WOOD SCREW ATTACHING THE MULLIONS TOGETHER IS AS FOLLOWS; 6.0" FROM EACH VERTICAL CORNER WITH (4) MORE SCREWS EQUALLY SPACED, A TOTAL OF (6) SCREWS PER EACH VERTICAL MULLION.
 7. THE SIDELITE IS SECURED INTO THE SIDELITE JAMB WITH SILICONE CAULK ON THREE SIDES & 3/8" x 3/8" 1/4 ROUND & BRAD TRIM NAIL x 3/4" L.
 8. WHEN ATTACHING THE HINGE TO THE JAMB AND BUCK USE #10 x 2" PFH WOOD SCREW. WHEN ATTACHING THE HINGE TO THE JAMB AND SIDELITE JAMB AT THE MULLION USE #10 x 1 3/4" PFH WOOD SCREW.
 9. THE MULLION CAP IS ATTACHED TO THE PRESSURE TREATED REINFORCEMENT WITH ITEM #18 A 1" TRIM NAIL SPACED A MAX. OF 12" ON CENTER.

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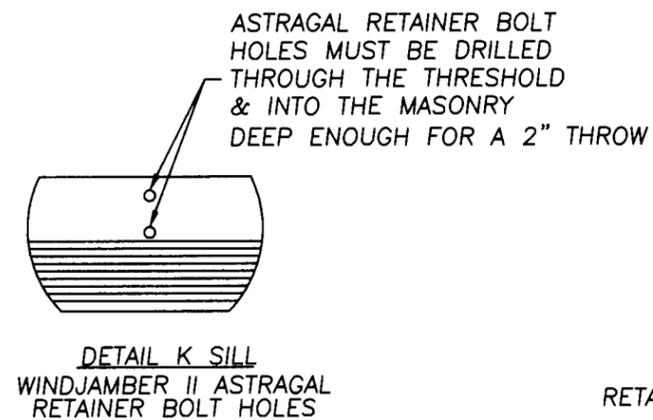
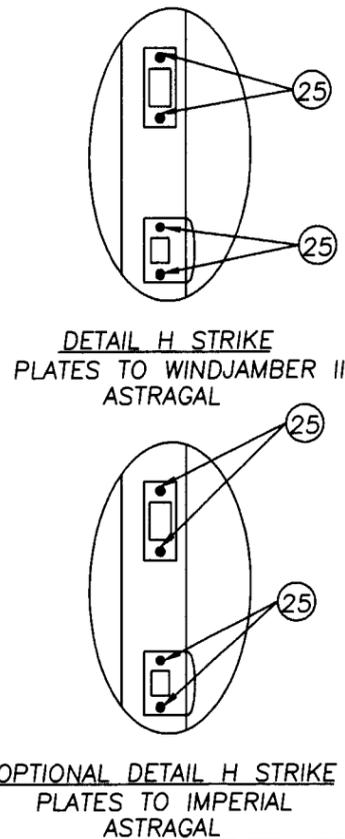
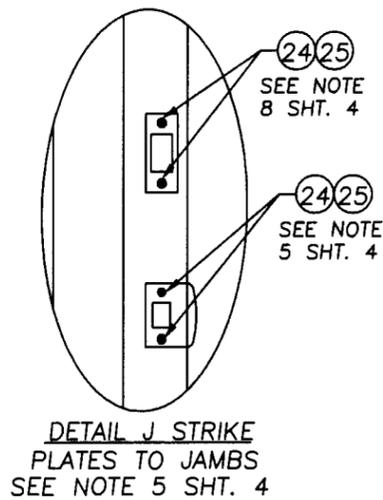
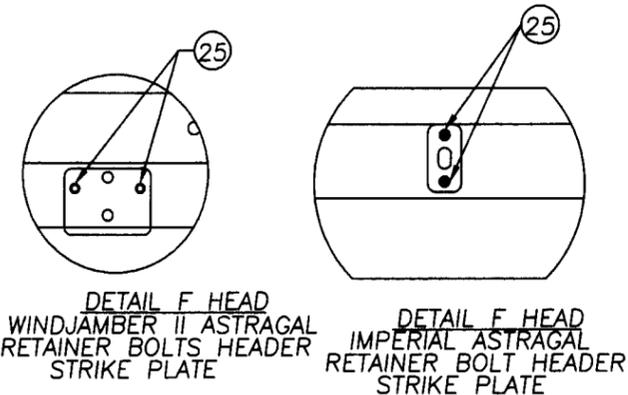
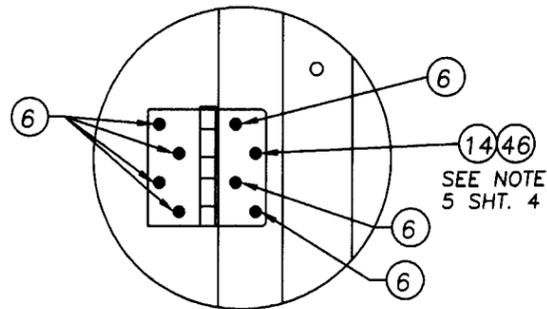
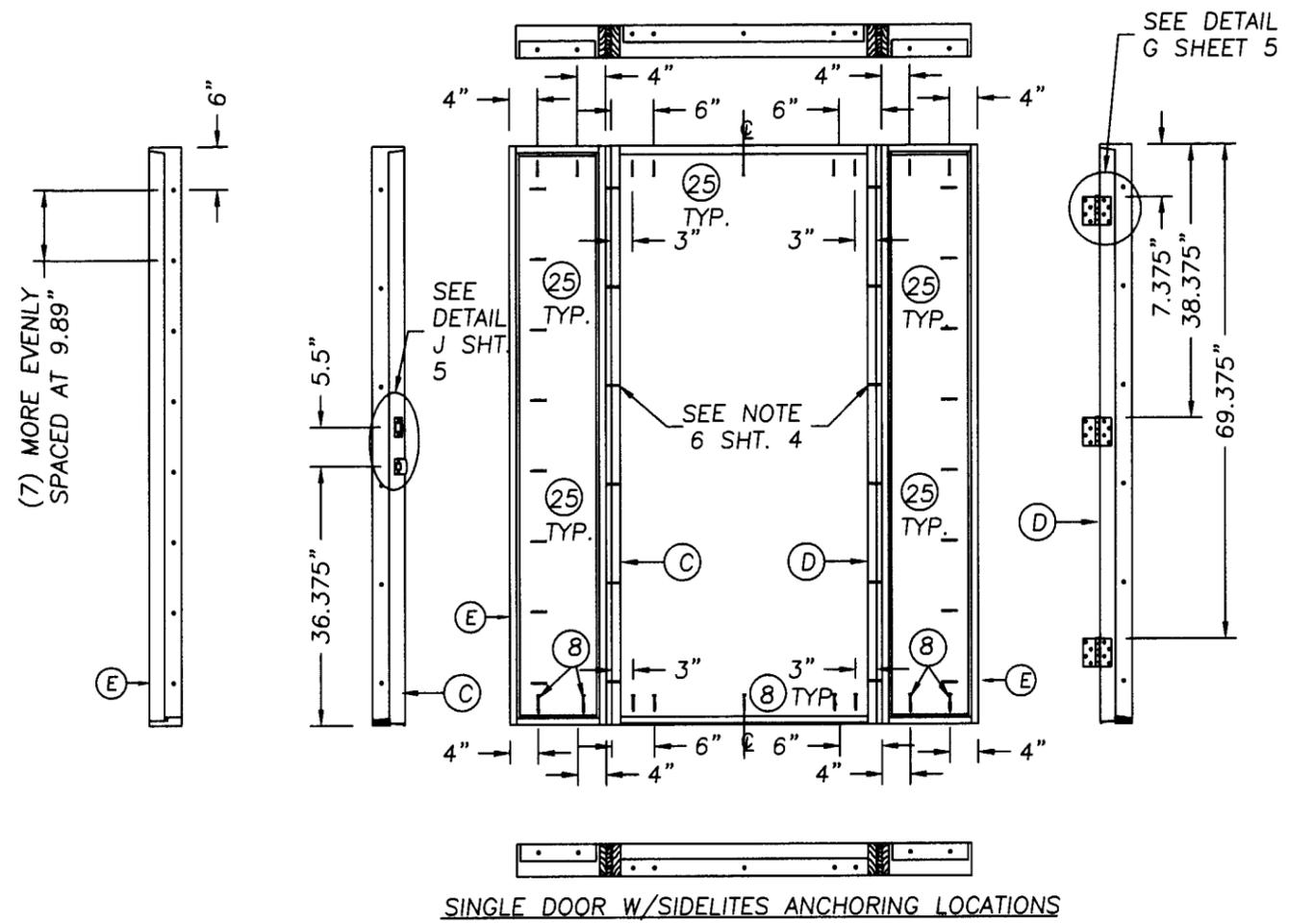
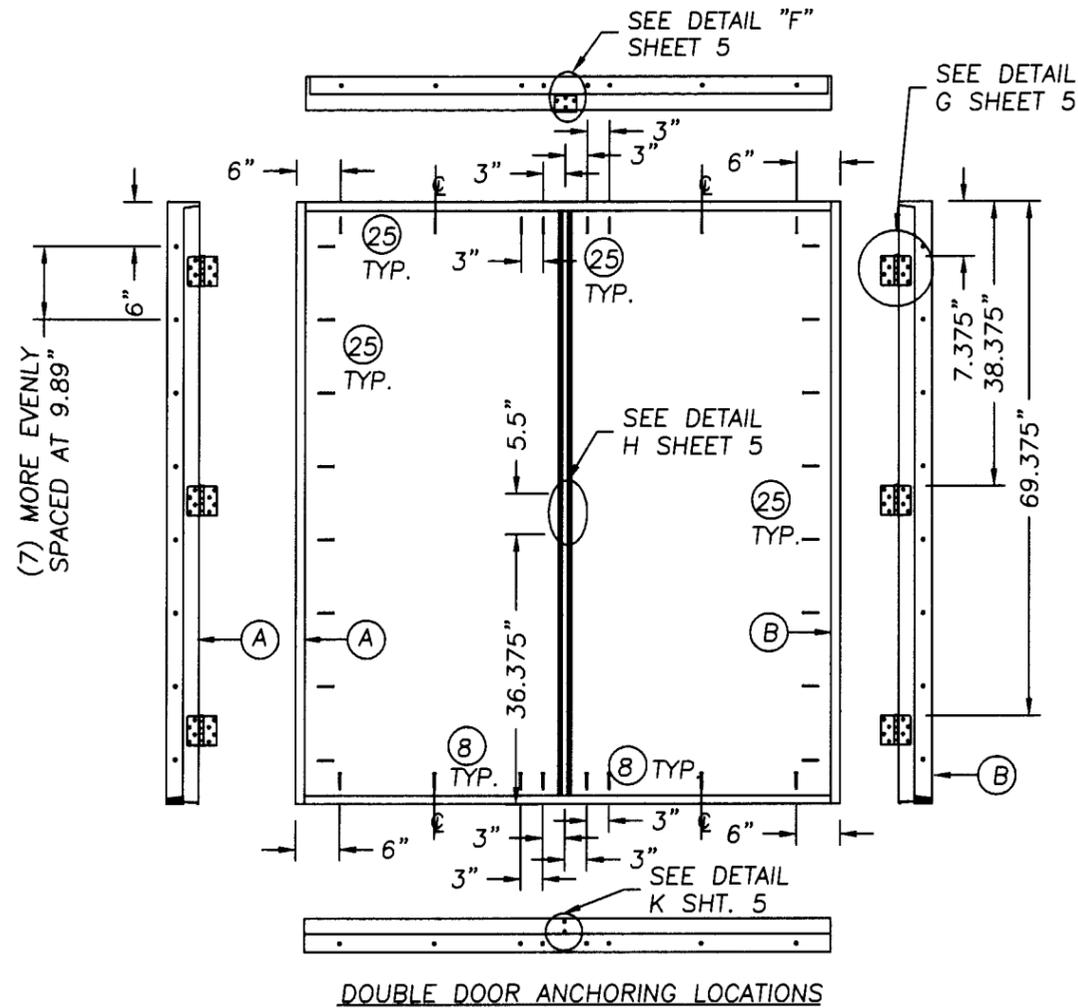
PRODUCT: OUTSWING OPAQUE STEEL EDGE STEEL DOOR UP TO 107" x 6-8 UNIT
 PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS & NOTES

NO.	DATE	REVISIONS	BY
2	05/30/02	CORRECT B.O.M.	RW
1	03/13/02	GENERAL REVISION	TJH

RW BUILDING CONSULTANTS, INC.
 813.684.3831

DATE: 12/26/01
 SCALE: N.T.S.
 DWG. BY: WLN
 CHK. BY: RW
 DRAWING NO.: S-2102
 SHEET 4 OF 7

Approved as complying with the Florida Building Code
 Date July 3, 2002
 NOA# 02-0107-02
 Miami Dade Product Control Division
 By *Maureen Perry*



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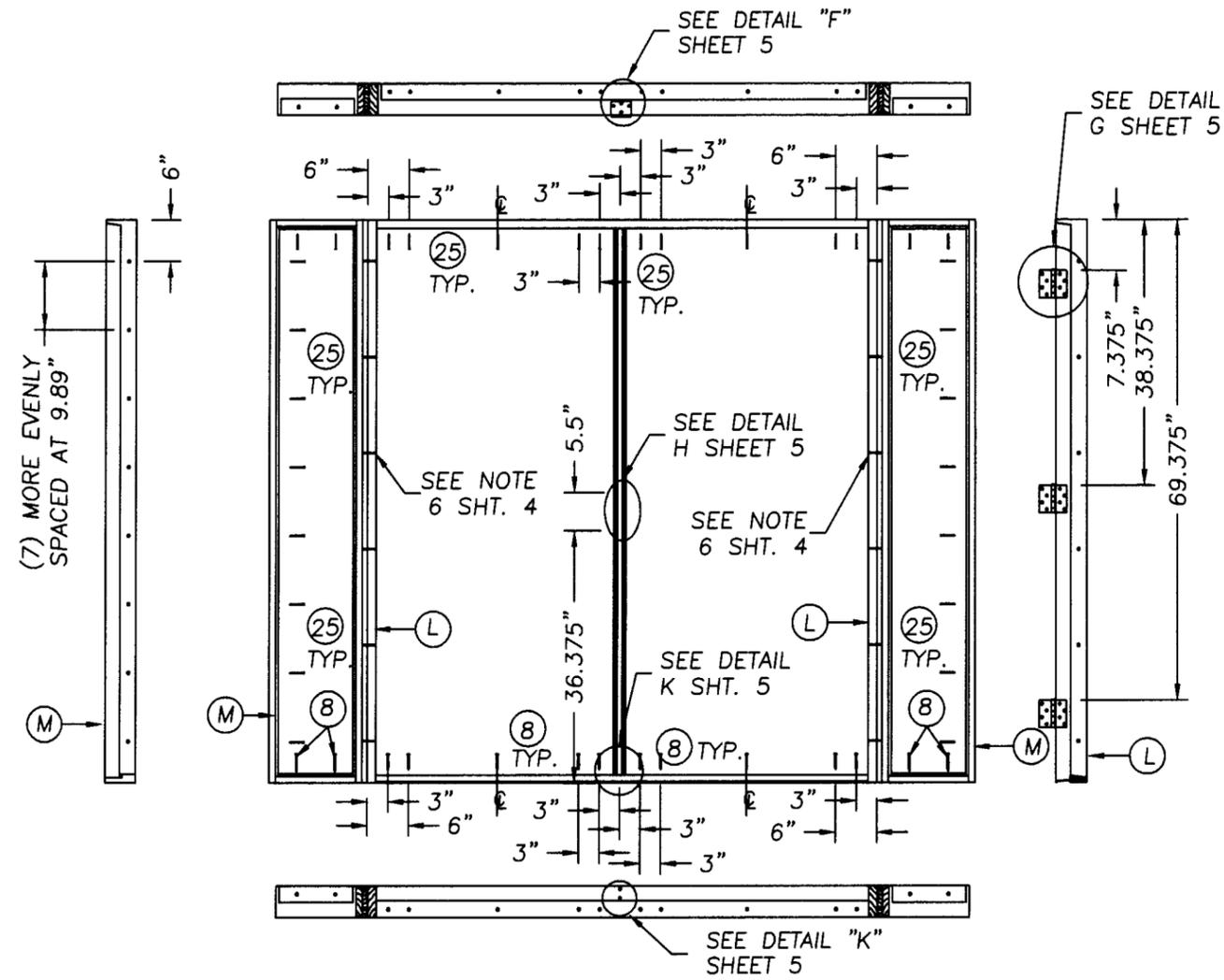
PRODUCT: OUTSWING OPAQUE STEEL EDGE STEEL DOOR UP TO 107 x 6-8 UNIT
PART OR ASSEMBLY: ANCHORING LOCATIONS & DETAILS

NO.	DATE	REVISIONS
2	05/30/02	CORRECT B.O.M.
1	03/13/02	GENERAL REVISION

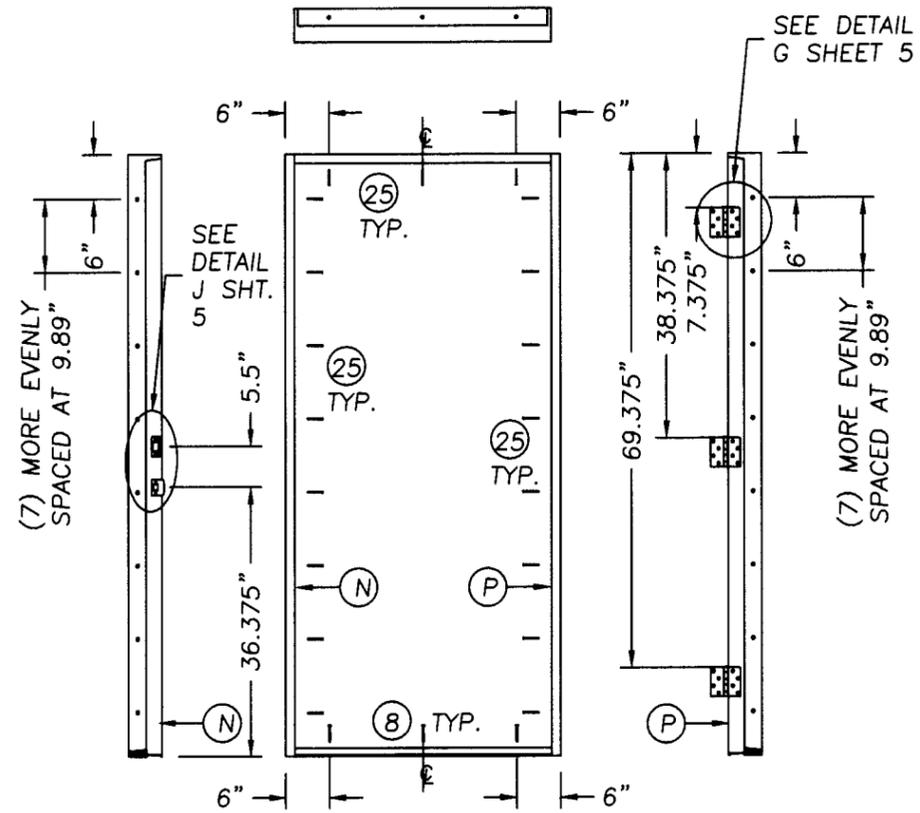
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Date: July 3, 2002
NOA# 02-10167.02
Miami Dade Product Control Division
By: *Marcelo Perez*

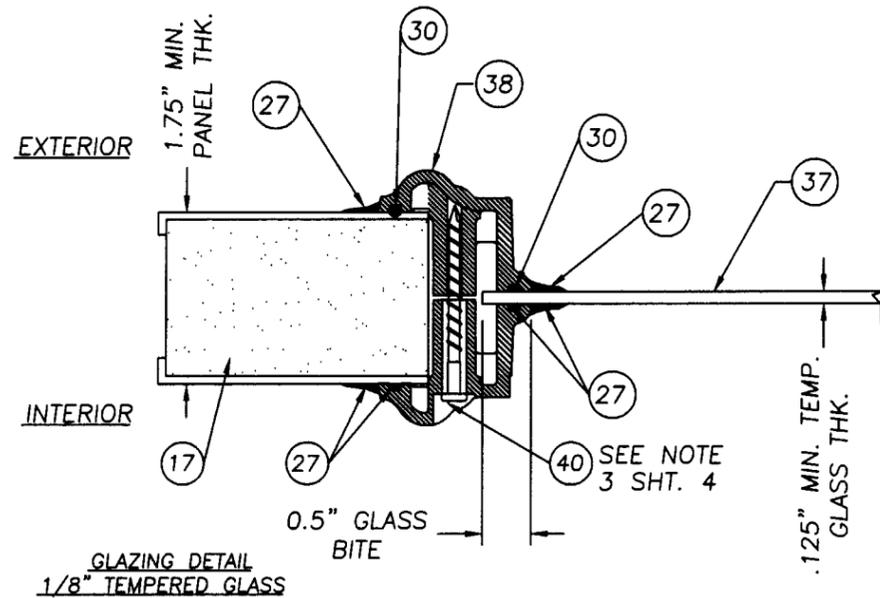
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DWG. BY: WLN
CHK. BY: RW
DRAWING NO.: S-2102
SHEET 5 OF 7



DOUBLE DOOR W/SIDELITES ANCHORING LOCATIONS



SINGLE DOOR ANCHORING LOCATIONS



GLAZING DETAIL
1/8" TEMPERED GLASS

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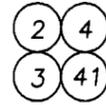
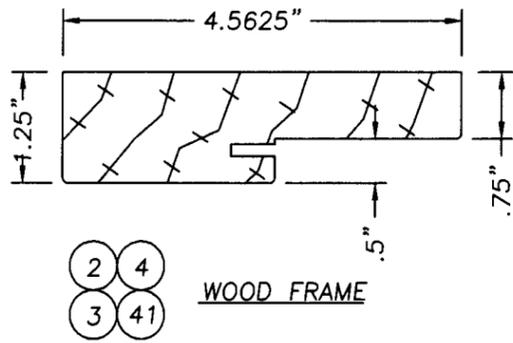
PRODUCT:
OUTSWING OPAQUE STEEL
EDGE STEEL DOOR UP TO
107" X 6-8 UNIT
PART OR ASSEMBLY:
ANCHORING LOCATIONS
& GLAZING DETAILS

NO.	DATE	REVISIONS
2	5/30/02	CORRECT B.O.M.
1	03/13/02	GENERAL REVISION

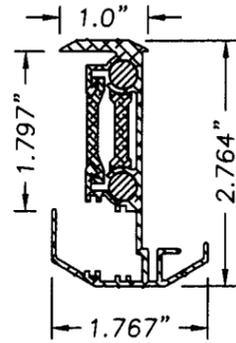
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By [Signature]

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DWG. BY: WLN
CHK. BY: RW
DRAWING NO.: S-2102
SHEET 6 OF 7

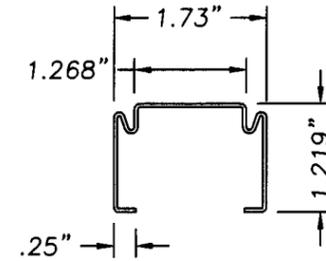


WOOD FRAME



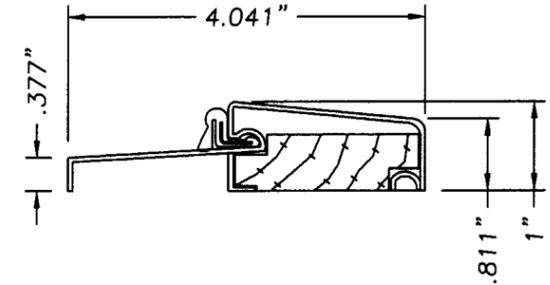
ASTRAGAL HAS
 (2) 8 .0" L. x .312" DIA.
 BOLTS @ BOTTOM &
 (2) 8 .0" L. x .312" DIA.
 BOLTS @ TOP

26 ASTRAGAL WINDJAMBER II
 (WR68J T-6060 EXTRUDED ALUMINUM)

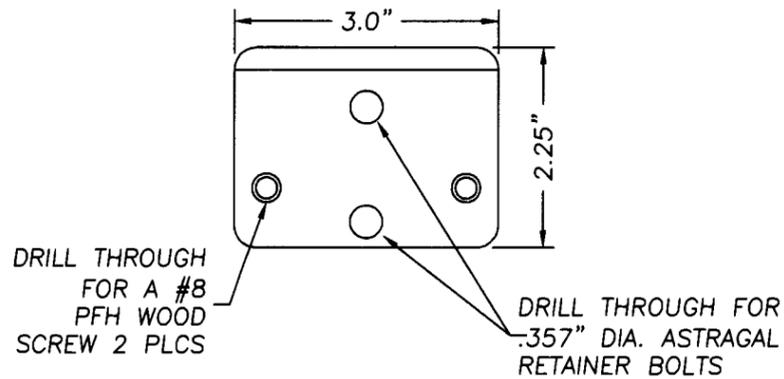


11 13

DOOR STEEL EDGE CAP,
 TOP, LATCH STILE & HINGE STILE
 .021" ROLL FORMED STEEL



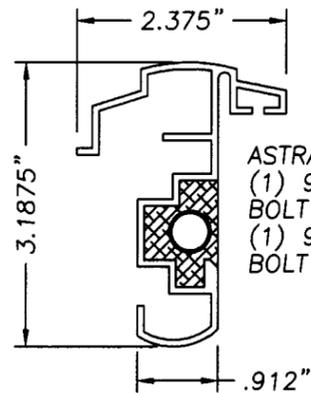
9 OUTSWING BUMPFACE THRESHOLD
 LOW PROFILE
 .050" EXTRUDED ALUMINUM



DRILL THROUGH
 FOR A #8
 PFH WOOD
 SCREW 2 PLCS

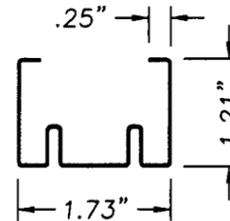
DRILL THROUGH FOR
 .357" DIA. ASTRAGAL
 RETAINER BOLTS

WINDJAMBER II WR68J STRIKE PLATE
 STEEL PLATE



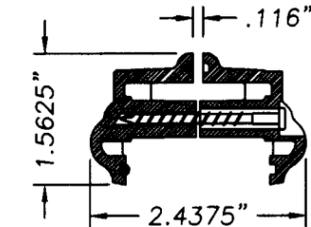
ASTRAGAL HAS
 (1) 9.0" L. x .312" DIA.
 BOLT @ TOP &
 (1) 9.0" L. x .312" DIA.
 BOLT @ BOTTOM

29 OPTIONAL
 IMPERIAL ASTRAGAL
 EXTRUDED ALUMINUM .075" WALL



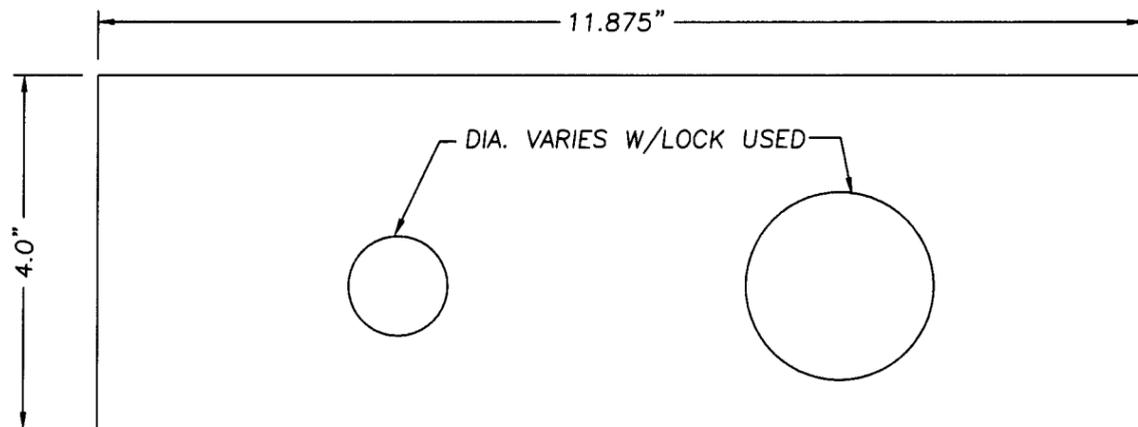
12

DOOR STEEL EDGE CAP, BOTTOM
 .021" ROLL FORMED STEEL

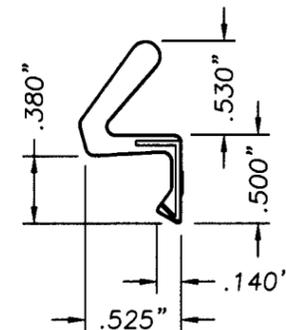


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LITE FRAME ODL
 HP POLYPROPYLENE
 (THERMOFIL-P6-30FM0391)

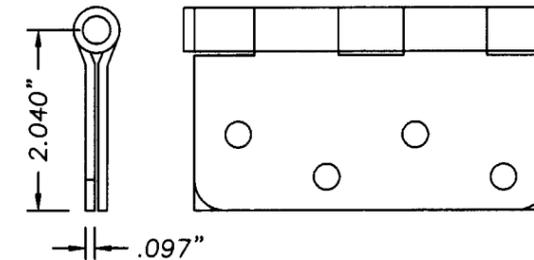


15 WOOD LOCK BLOCK, 1.71" THK.



10

COMPRESSION WEATHERSR TIP
 SCHLEGEL Q-LON QDS 650



5

4 x 4 STEEL DOOR HINGE
 .097" THK. STEEL BY HAGER

JELD-WEN, INC.
 31725 HIGHWAY 97 NORTH
 CHILOQUIN, OR. 97624
 PH. 541.783.2057

PRODUCT:
 OUTSWING OPAQUE STEEL
 EDGE DOOR UP TO
 107" x 6'8 UNIT

PART OR ASSEMBLY:
 UNIT COMPONENTS

NO.	DATE	REVISIONS	BY
1	05/30/02	CORRECT B.O.M.	RW
1	03/13/02	GENERAL REVISION	TJH

RW BUILDING
 CONSULTANTS, INC.
 813.684.3831

Approved as complying with the
 Florida Building Code
 Date July 3, 2002
 NOA# 02-10107.02
 Miami Dade Product Control
 Division
 By *Manuel Diaz*

DATE: 12/26/01
 SCALE: NTS
 DWG. BY: WLN
 CHK. BY: RW
 DRAWING NO.: S-2102
 SHEET 7 OF 7