



**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)

**Benchmark HMF
2501 Northcase Parkway, S.E.
Wilmington, NC 28405**

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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: 16 & 18 ga. Opaque Flush Outswing Steel Commercial Door

APPROVAL DOCUMENT: Drawing No "S-2345", titled "Outswing Double Door 6'0 X 7'2 Commercial Steel Door in A.H.M.F.", sheets 1 through 12 of 12 prepared by RW Building Consultants, Inc., dated 08/12/03 with revision "2" on 07/21/04, signed and sealed by Wendell W. Haney, P. E., 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 and evidence page E-1 and E-2, as well as approval document mentioned above. The submitted documentation was reviewed by **Herminio F. Gonzalez, P.E., Director, BCCO**

*JGJ
9/4/04*



**NOA No 03-0916.01
Expiration Date: August 26, 2009
Approval Date: August 26, 2004
Page 1**

Benchmark HMF

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's parts and sections drawings.
2. Drawing No "S-2345", titled "Outswing Double Door 6'0 X 7'2 Commercial Steel Door in A H.M.F", sheets 1 through 12 of 12, dated 08/12/03 with revision "2" on 07/21/04, prepared by RW Building Consultants, Inc., signed and sealed by Wendell W. Haney, P.E.

B. TESTS

1. Test reports on
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test, per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC, TAS 202-94along with marked-up drawings and installation diagram of outswing steel door, prepared by Certified Testing Laboratories Architectural Division, Test Report No. **CTLA-1089W** dated 04/21/03, signed and sealed by Ramesh Patel, P.E.
2. Test Report on Tensile Test, along with marked up drawings and installation diagram of outswing steel door, prepared by Certified Testing Laboratories Architectural Division, Test Report No. **CTLA- 1089W** dated 06/26/03, signed and sealed by Ramesh Patel, P.E.

C. CALCULATIONS:

1. Anchor Calculations, ASTM-E1300, and structural analysis, prepared by Product Technology Corporation, dated 07/21/04, signed and sealed by Wendell W. Haney, P. E.

D. QUALITY ASSURANCE

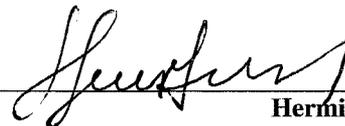
1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. None

F. STATEMENTS

1. Statement letter of conformance, dated 08/13/03, signed and by Lyndon F. Schmidt, P.E.
2. Statement letter of no financial interest, dated 07/25/03, issued by Therma Tru Doors, signed by Steve Jasperson.



Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 03-0916.01
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G. OTHER

1. Letter from consultant stating that the product is in compliance with the Florida Building Code (FBC).



Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
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BENCHMARKMF

Commercial Door Systems

2501 Nothchase Parkway S.E. Wilmington NC. 28405, Phone: (260) 868-5811

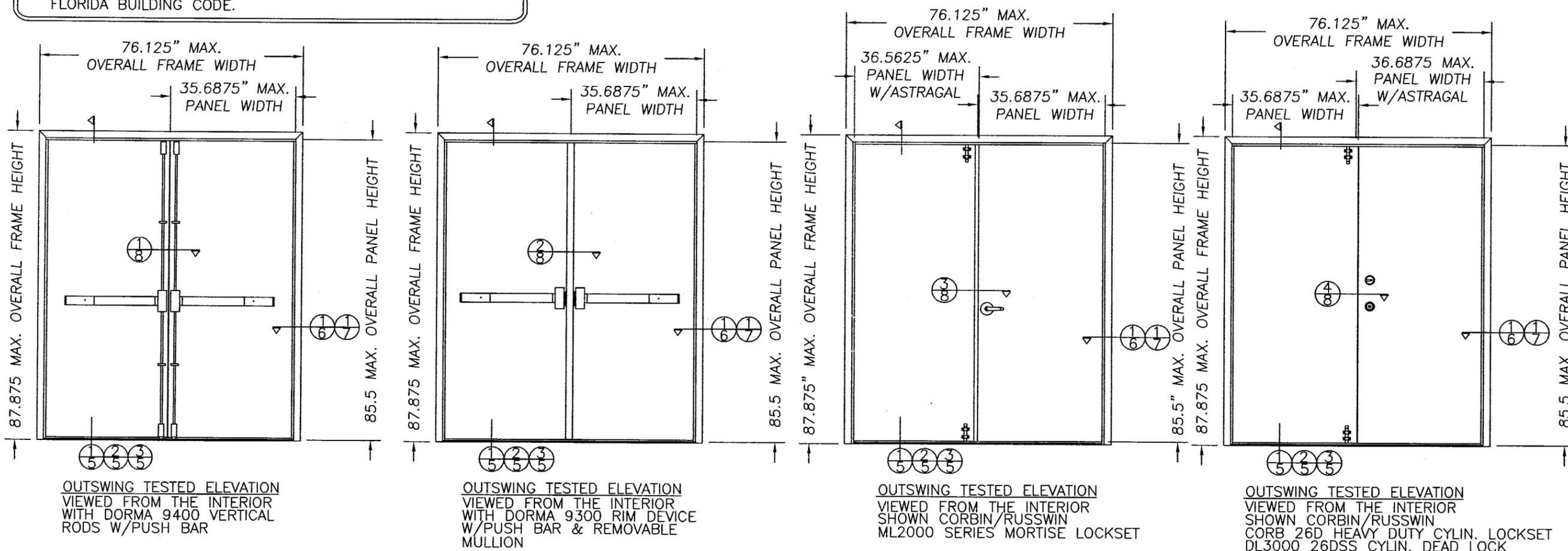
OUTSWING FLUSH OPAQUE COMMERCIAL STEEL DOOR IN A 16ga. H.M.F.

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE.
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
3. DESIGNED PRESSURE RATING SEE TABLE PAGE 1.
4. THIS PRODUCT DOES NOT MEET THE WATER REQUIREMENTS.
5. THIS SYSTEM MEETS WINDBORNE DEBRIS EXTERNAL REQUIREMENTS AS PRESCRIBED IN SECTIONS 1606 & 1626 "HVHZ" OF THE FLORIDA BUILDING CODE.

DESIGN PRESSURE RATING		
HARDWARE TYPE	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED OR PROTECTED BY OVERHANG*
CORBIN/RUSSWIN 26D HEAVY DUTY LOCKSET CORBIN/RUSSWIN DL3000 SERIES CYLIN. DEAD LOCK	NOT APPROVED	+ 80.0 PSF - 80.0 PSF
CORBIN/RUSSWIN CL2000 SERIES MORTISE W/LEVER	NOT APPROVED	+ 80.0 PSF - 80.0 PSF
DORMA 9300 SERIES RIM DEVICE W/PUSH BAR	NOT APPROVED	+ 80.0 PSF - 80.0 PSF
DORMA 9400 SERIES VERTICAL RODS W/PUSH BAR	NOT APPROVED	+ 80.0 PSF - 80.0 PSF

* UNIT SHALL BE INSTALLED AT LOCATION PROTECTED BY OVERHANG SUCH THAT OVERHANG RATIO (OH) = OH LENGTH/OH HEIGHT GREATER THAN 1.



OUTSWING TESTED ELEVATION VIEWED FROM THE INTERIOR WITH DORMA 9400 VERTICAL RODS W/PUSH BAR

OUTSWING TESTED ELEVATION VIEWED FROM THE INTERIOR WITH DORMA 9300 RIM DEVICE W/PUSH BAR & REMOVABLE MULLION

OUTSWING TESTED ELEVATION VIEWED FROM THE INTERIOR SHOWN CORBIN/RUSSWIN ML2000 SERIES MORTISE LOCKSET

OUTSWING TESTED ELEVATION VIEWED FROM THE INTERIOR SHOWN CORBIN/RUSSWIN CORB 26D HEAVY DUTY CYLIN. LOCKSET DL3000 26DSS CYLIN. DEAD LOCK

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Approved as complying with the Florida Building Code
 Date 08/26/04
 NOAF 03-0916-01
 Miami Code Product Control Division
 By *[Signature]*

Product Approval Documents Prepared By:

RW
 BUILDING CONSULTANTS, INC.
 P.O. Box 230 Valrico FL. 33595
 Phone No.: 813.659.9197

Florida Board of Professional Engineers
 Certificate of Authorization No. 9873
[Signature]
 Wendell W. Haines, P.E. No. 54148

PRODUCT: OUTSWING DOUBL 6'0 x 7'2 COMMERCIAL STEEL DOOR IN A H.M.F.

PART OR ASSEMBLY: GENERAL NOTES & TYPICAL ELEVATIONS

NO	DATE	BY
2	7/21/04	REV. ANCHORS, SHT 9, PER DADE EW
1	10/7/03	PER DADE LETTER TJH

DATE: 8/12/03

SCALE: N.T.S.

DWG. BY: ROF

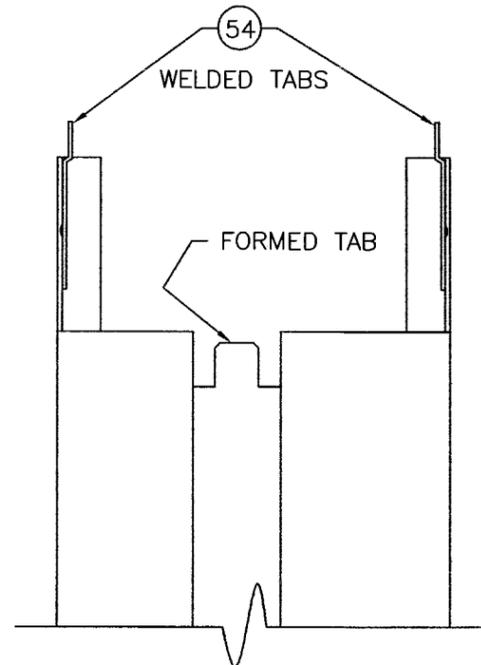
CHK. BY: TJH

DRAWING NO.: S-2345

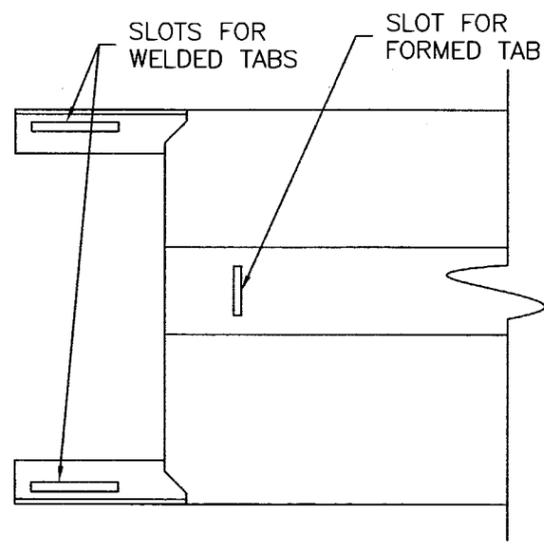
SHEET 1 OF 12

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Item	DESCRIPTION	Material
1	18ga. (0.043" MIN.) VA DOOR SLAB	STEEL
2	18ga. (0.048" MIN.) NC DOOR SLAB	STEEL
3	16ga. (0.053" MIN.) STIFFENED NC DOOR SLAB	STEEL
4	H.M.F. HEADER 16GA. (0.053" MIN.) C.R.S.	STEEL
5	H.M.F. HINGE JAMB 16GA. (0.053" MIN.) C.R.S.	STEEL
6	PANIC THRESHOLD NATIONAL GUARD PROD. .125" ALUM. WALL	ALUM.
7	THRESHOLD WEATHERSTRIP (EXTRUDED VINYL)	VINYL
8	ADA PASS OVER THRESHOLD #415S BY HAGER .140" ALUM. WALL	ALUM.
9	DORMA F1300 FIRE MULLION 21" x 3" x .116" THK. STEEL	STEEL
10	4 1/2" TEMPLET HINGE BY HAGAR .130" THK.	STEEL
11	CONTINUOUS STEEL HINGE 3.282" WIDE ROTON HINGE BY HAGER	STEEL
12	SURFACE MOUNTED FRAME WEATHERSTRIP (NATIONAL GUARD PROD. #137NA)	-
13	SURFACE MOUNTED FRAME WEATHERSTRIP (NATIONAL GUARD PROD. #130NA)	-
14	SURFACE MOUNTED DOOR BOTTOM SWEEP (NATIONAL GUARD PROD. #200NA)	-
15	SURFACE MOUNTED DOOR MEETING STILE SEAL (NATIONAL GUARD PROD. #125NA)	-
16	SURFACE MOUNTED DOOR BOTTOM SWEEP (PEMCO #321CN49)	-
17	ASTRAGAL FACE WEATHERSTRIP, #63644 BY M-D BUILDING PRODUCTS	CELLULAR RUBBER
18	ASTRAGAL FACE WEATHERSTRIP, #02873 BY M-D BUILDING PRODUCTS	FOAM
19	2PART STEEL DOOR HINGE REIN. 16ga./7ga. BY BENCHMARKHMF	STEEL
20	7ga. (0.171" MIN.) H.R.S. FRAME HINGE REIN. BY BENCHMARKHMF	STEEL
21	"DAYTON" MORTISE LOCK BOX STEEL BY BENCHMARKHMF #ML B-SQ-P 1164	STEEL
22	2PART 161 LOCK REIN. STEEL BY BENCHMARKHMF	STEEL
23	DORMA HARDWARE #9400 VERTICAL RODS W/PUSH BAR	-
24	DORMA HARDWARE #9300 RIM DEVICE W/PUSH BAR	-
25	CORBIN/RUSSWIN CORB CK 4251 GRC 26D HEAVY DUTY CYLINDRICAL LOCKSET	-
26	CORBIN/RUSSWIN CORB DL3000 26DSS HEAVY DUTY CYLINDRICAL DEADBOLT	-
27	CORBIN/RUSSWIN CORB ML2000 SERIES MORTISE LOCKSET	-
28	SURFACE BOLT IVES #454 5" LONG BOLT	STEEL
29	14ga. TOP & BOTTOM CHANNEL BY BENCHMARKHMF	STEEL
30	FOAM STOPPER BY BENCHMARKHMF	FOAM
31	COMMERCIAL Z-ASTRAGAL .082" MIN STEEL BY BENCHMARKHMF	STEEL
32	COMMERCIAL FLAT ASTRAGAL 0.125" STEEL BY BENCHMARKHMF #W030317028	STEEL
33	#8 x 1/2" PPH SELF TAPING SHEET METAL SCREW (WEATHERSTRIP TO FRAME)	STEEL
34	#10 x 3/4" PPH SELF TAPING SHEET METAL SCREW (SWEEP TO DOOR)	STEEL
35	3/8" x 4" FASTNAL BY REDHEAD (MULLION ANCHOR BRACKET TO FRAME & SILL)	STEEL
36	#12-24 x 5/8" LG. MACHINE SCREW (RIM DEVICE STRIKE TO MULLION)	STEEL
37	#12-24 x 1/2" MACHINE SCREW (HINGE TO FRAME & DOOR)	STEEL
38	#12 x 1 1/2" PFH WOOD SCREW (SURFACE BOLT STRIKE TO BUCK AT SILL)	STEEL
39	3/8" x 1 1/2" PPH SCREW W/ 3/8" SEX BOLT (SURFACE BOLT ATTACHMENT)	STEEL
40	MASONRY 'TEE' ANCHOR 0.058" MIN. STEEL BY BENCHMARKHMF	STEEL
41	MASONRY WIRE ANCHOR 0.185" DIA. STEEL BY BENCHMARKHMF	STEEL
42	EMA WELDED ANCHOR 0.058" MIN. STEEL BY BENCHMARKHMF	STEEL
43	EMA BUTTERFLY ANCHOR 0.048" MIN. STEEL BY BENCHMARKHMF	STEEL
44	MASONRY ADJUSTABLE STRAP ANCHOR 0.038" MIN. STEEL BY BENCHMARKHMF	STEEL
45	WOOD/METAL STUD ANCHOR 0.042" MIN. STEEL BY BENCHMARKHMF	STEEL
46	3/8" x 5" FASTNAL BY REDHEAD (USED W/EMA WELDED & EMA BUTTERFLY ANCHORS)	STEEL
47	EXPANDED POLYSTYRENE (EPS) FOAM CORE USED IN THE NC 18ga. DOOR	FOAM
48	POLYURETHANE FOAM CORE (USED IN THE VA 18ga. DOOR)	FOAM
49	FIBERGLASS INSULATION CORE (USED IN THE NC 16ga. DOOR)	F-GLASS
50	STEEL STIFFENERS 22ga. FORMED STEEL (USED IN THE NC 16ga. DOOR)	STEEL
51	3/16 x 1 3/4" ELCO TAPCON ANCHOR	STEEL
52	6d x 2.0" COMMON BRIGHT NAIL	STEEL
53	3/8" x 5.0" SLOTTED FLAT HEAD LAG SCREW	STEEL
54	WELDED FRAME TAB BY BENCHMARKHMF	STEEL
55	#12 X 1/2" PAN HEAD SELF DRILL & TAPPING SCREW	STEEL
56	1/4-20 SEX BOLT	STEEL



DETAIL A
JAMB DETAIL W/
FORMED & WELDED
TABS



DETAIL B
HEADER DETAIL W/PUNCHED
SLOTS FOR JAMB TABS

FRAME CONSTRUCTION NOTE:

- K.D. AND WELDED FRAME - THE HEADER, ITEM #4 AND THE SIDE JAMBS, ITEM #5 ARE A ONE-PIECE BRAKE PRESS FORMED STEEL FRAME FROM 16GA. (0.053" MIN.) COLD ROLLED STEEL. THE CORNERS OF BOTH THE HEADER AND SIDE JAMBS ARE MITERED AND BUTTED. THE HEADER HAS SLOTS PUNCHED IN BOTH RETURN LEGS (SEE DETAIL B SHEET 2) FOR THE 18GA. (0.048" MIN.) FRAME TABS, ITEM #54, THAT ARE WELDED TO SIDE JAMBS. THE TABS ARE BENT 90° OVER THE HEADER AFTER BEING SLIPPED THROUGH THE SLOTS TO CREATE A MECHANICAL JOINT. THE HEADER ALSO HAS A PUNCHED SLOT IN THE HAT SECTION, SEE DETAIL B SHEET 2. THE SIDE JAMBS HAVE ONE FORMED TAB IN THE HAT SECTION, SEE DETAIL A SHEET 2. THE FORMED TABS ON THE SIDE JAMBS ARE SLID INTO THE PUNCHED SLOTS IN THE HEADER AND BENT OVER 90° TO CREATE A MECHANICAL LOCK. WELDED FRAME ONLY AT THE HEADER AND SIDE JAMBS ARE ASSEMBLED THEY ARE SEAM WELDED ON THE FRAME FACE AND CONTINUOUS WELDED ON THE INTERIOR SURFACES.

- EACH HINGE LOCATION ON BOTH THE WELDED FRAME AND THE K.D. FRAME HAVE A 7ga. (0.179") HOT ROLLED STEEL HINGE REINFORCEMENT, ITEM #20, WELDED TO THE FRAME. EACH SIDE JAMB HAS A 16ga. (0.053") STEEL L-SHAPED FLOOR ANCHOR PLATE WELDED TO THE INSIDE BOTTOM OF THE FRAME. THE SYSTEM CAN BE FITTED WITH AN EXTRUDED ALUMINUM OUT-SWING ADA BUMP FACE THRESHOLD MANUFACTURED BY NATIONAL GUARD PRODUCTS #896N, ITEM #6, OR AN EXTRUDED ALUMINUM ADA PASS OVER THRESHOLD #415S BY HAGAR, ITEM # 8. THE FRAME SYSTEM CAN UTILIZE A SOLID STEEL REMOVABLE MULLION BY DORMA #F1300, ITEM #9, COLD ROLLED STEEL. THE MULLION IS HELD INTO THE FRAME WITH A SOLID STEEL TOP AND BOTTOM MULLION FITTING. THE FITTING AT THE TOP IS SECURED TO THE FRAME HEADER WITH (4) 3/8" X 5.0" LONG FASTNAL CONCRETE ANCHORS BY REDHEAD, ITEM #46. THE FITTING AT THE BOTTOM IS SECURED TO THE CONCRETE FLOOR WITH (2) 3/8" X 5.0" LONG FASTNAL CONCRETE ANCHORS BY REDHEAD, ITEM #46.

Approved as complying with the
Florida Building Code
Date 08/26/04
NOA# 03-0916.01
Miami-Dade Product Control
Division
By *[Signature]*

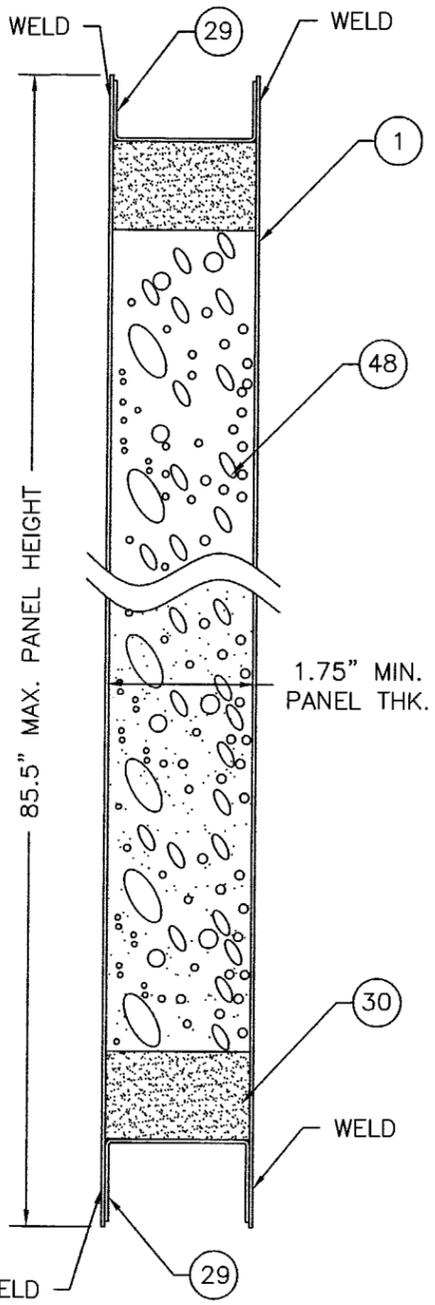
Product Approval Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Vairico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
[Signature]
Wendell W. Haney, P.E. No. 54148

PRODUCT: OUTSWING DOUBL
6'0 x 7'2 COMMERCIAL
STEEL DOOR IN A H.M.F.
PART OR ASSEMBLY: FRAME
CONSTRUCTION

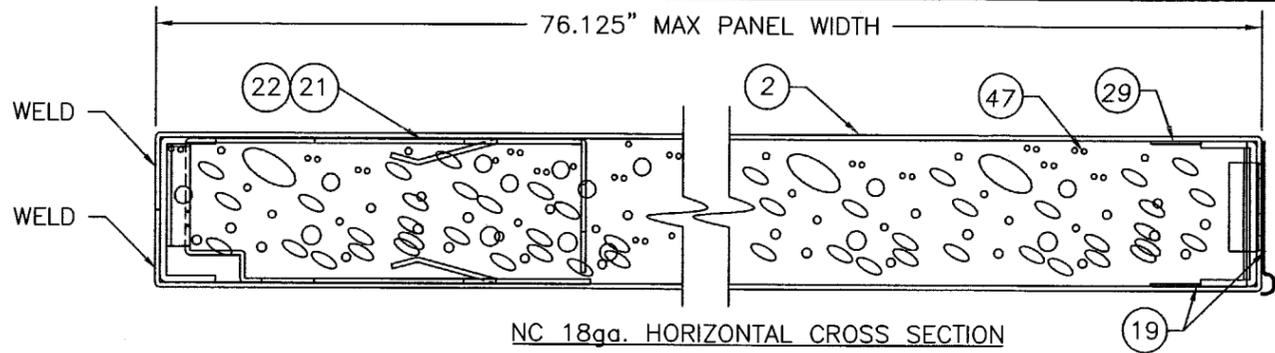
NO.	DATE	REVISIONS
2	7/21/04	REV. ANCHORS, SHT 9, PER DADE
1	10/7/03	PER DADE LETTER

DATE: 8/12/03
SCALE: N.T.S.
DWG. BY: ROF
CHK. BY: TJH
DRAWING NO.: S-2345
SHEET 2 OF 12

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VA 18ga. VERTICAL CROSS SECTION



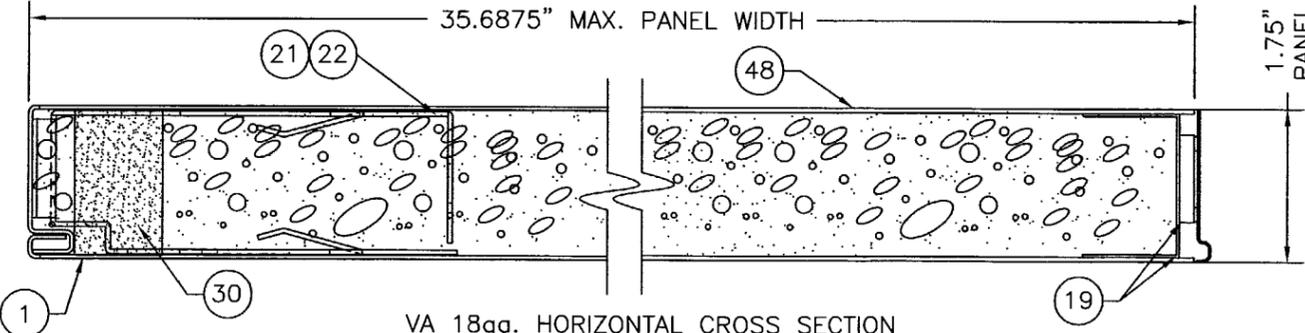
NC 18ga. HORIZONTAL CROSS SECTION

DOOR PANEL CONSTRUCTION

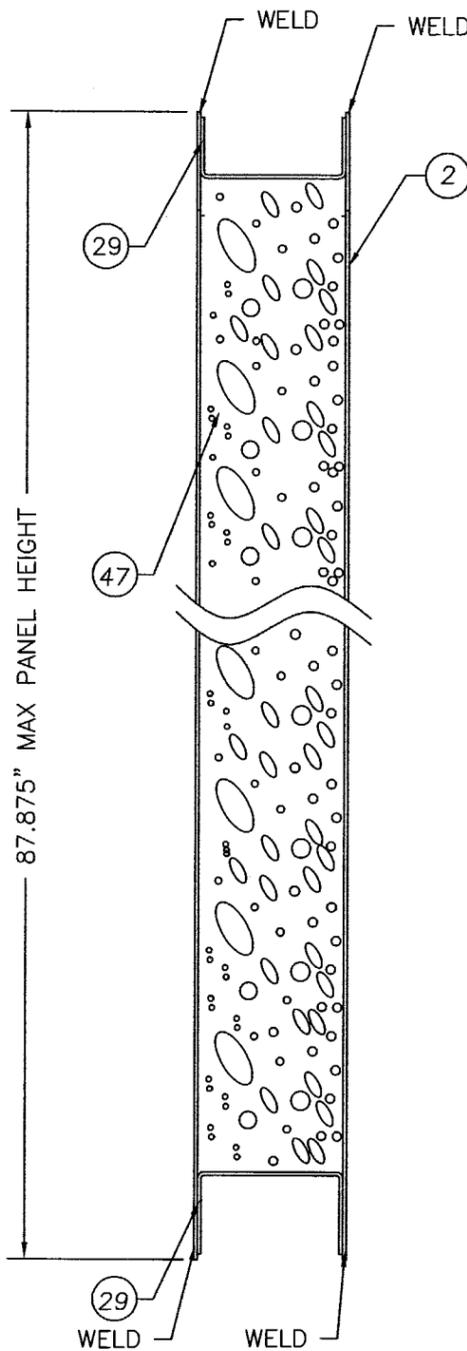
- THE NC 18ga. PANELS ARE CONSTRUCTED FROM (2) 18ga. (0.048" MIN.) COLD ROLLED STEEL FACE SHEETS, ITEM #2. THE VERTICAL EDGES OF THE FACE SHEETS ARE BENT 90° X 0.860" IN TOWARD THE CENTER. THE HORIZONTAL EDGES ARE CUT UP STRAIGHT. THE OUTSIDE PERIMETER OF THE PANEL, ON THE INTERIOR, IS REINFORCED WITH A 14ga. (0.074" MIN.) STEEL "U" CHANNEL, ITEM #29. THE "U" CHANNEL IS PLACED IN THE PANEL ON THE SIDES WITH THE OPEN END FACING INWARD AGAINST THE 90° X 0.860" BEND IN THE FACE SHEETS. EACH FACE SHEET IS SPOT WELDED TO THE "U" CHANNEL 0.430" IN FROM THE EDGE AND 2.0" UP FROM THE BOTTOM AND 4.0" MAXIMUM ON CENTER. THE TOP & BOTTOM "U" CHANNELS ARE PLACED IN THE PANEL WITH THE OPEN EDGE FACING OUTWARD. THE "U" CHANNEL IS 0.125" BELOW THE HORIZONTAL EDGES OF THE PANEL AND IS SPOT/PROJECTION WELDED IN (5) PLACES ON EACH SIDE OF THE PANEL. THE INTERIOR CAVITY OF EACH PANEL IS FILLED WITH EXPANDED POLYSTYRENE, (EPS) 1.0lbs DENSITY, ITEM #47. THERE ARE THREE HINGE REINFORCEMENTS, ITEM #19, WELDED TO THE FACE SHEETS BEFORE BOTH FACE SHEETS ARE ASSEMBLED. THE REINFORCEMENT IS CONSTRUCTED FROM A 7ga. (0.179") HOT ROLLED STEEL MEASURING 1.25" X 8.5". THE REINFORCEMENTS ARE LOCATED AT 7.125", 39.375" AND 71.625" FROM THE TOP OF THE DOOR TO THE CENTER OF THE REINFORCEMENTS.

DOOR PANEL CONSTRUCTION

- THE VA 18ga. PANELS, ARE CONSTRUCTED FROM (2) 18ga. (0.043" MIN.) COLD ROLLED STEEL FACE SHEETS, ITEM #1. THE VERTICAL EDGES OF BOTH FACE SHEETS HAVE ROLL FORMED EDGES AND ARE PLACED TOGETHER AT PANEL CONSTRUCTION TO FORM A MECHANICAL INTER-LOCK. THE HORIZONTAL EDGES ARE CUT STRAIGHT AND ARE CLOSED WITH A 14ga. (0.074") STEEL TOP & BOTTOM "U" CHANNEL CLOSER, ITEM #29. THE "U" CHANNEL IS 0.125" BELOW THE HORIZONTAL EDGES OF THE PANEL AND SPOT/PROTECTION WELDED IN (9) PLACES ON EACH SIDE OF THE PANEL. EACH HORIZONTAL CORNER OF THE PANEL HAS A 1.6875" WIDE X 1.0" DEEP X 10.0" LONG FOAM STOPPER, ITEM #29, ATTACHED TO THE "U" CHANNEL USING HOT MELT GLUE. THE INTERIOR CAVITY OF EACH DOOR IS FILLED WITH POLYURETHANE 2.0lbs DENSITY, ITEM #48. EACH PANEL HAS THREE 2 PART STEEL HINGE REINFORCEMENTS, ITEM #19, WELDED TO ONE OF THE FACE SHEETS BEFORE BOTH FACE SHEETS ARE ASSEMBLED. THE 2 PART REINFORCEMENT IS CONSTRUCTED FROM A 7ga. (0.179" MIN.) HOT ROLLED REINFORCEMENT AND A 16ga. (0.054" MIN.) COLD ROLLED STEEL "U" REINFORCEMENT. THE 16ga. "U" IS PLACED TO THE BACK SIDE OF THE 7ga. REINFORCEMENT AND SPOT WELDED IN TWO PLACES. THE ASSEMBLED REINFORCEMENTS ARE LOCATED AT 7.125", 39.375" AND 71.625" FROM THE TOP OF THE DOOR TO THE CENTER OF THE REINFORCEMENTS.



VA 18ga. HORIZONTAL CROSS SECTION



NC 18ga. VERTICAL CROSS SECTION

Approved as complying with the Florida Building Code
 Date 08/26/04
 NOA# 03-0916-01
 Miami Dade Product Control Division
 By *[Signature]*

Product Approval Documents Prepared By:

RW
 BUILDING CONSULTANTS, INC.
 P.O. Box 230 Valrico FL 33595
 Phone No.: 813.659.9197

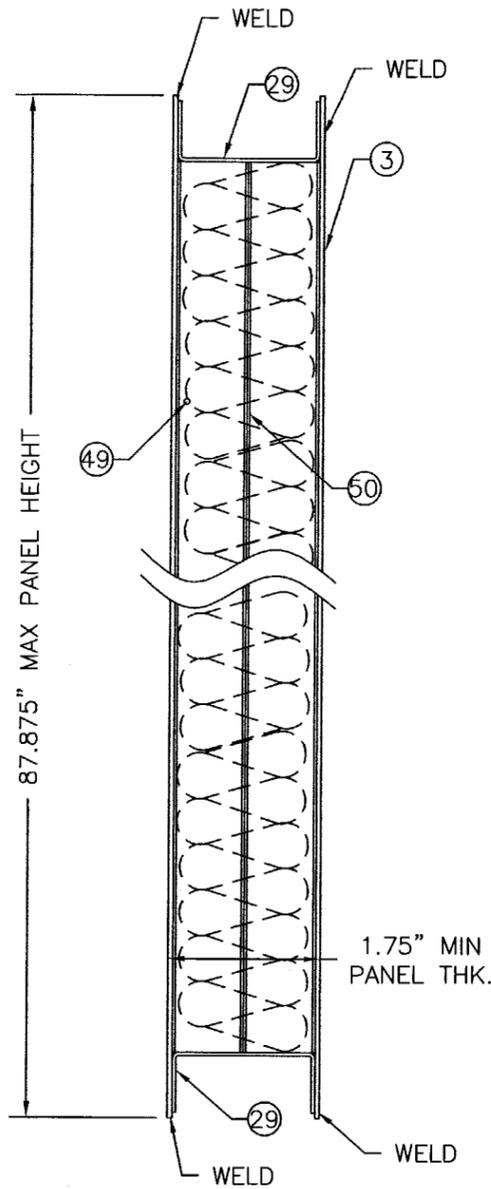
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PRODUCT:	OUTSWING DOUBL 6'0 x 7'2 COMMERCIAL STEEL DOOR IN A H.M.F.
PART OR ASSEMBLY:	DOOR PANEL CONSTRUCTION NC & VA 18ga. DOOR SLAB

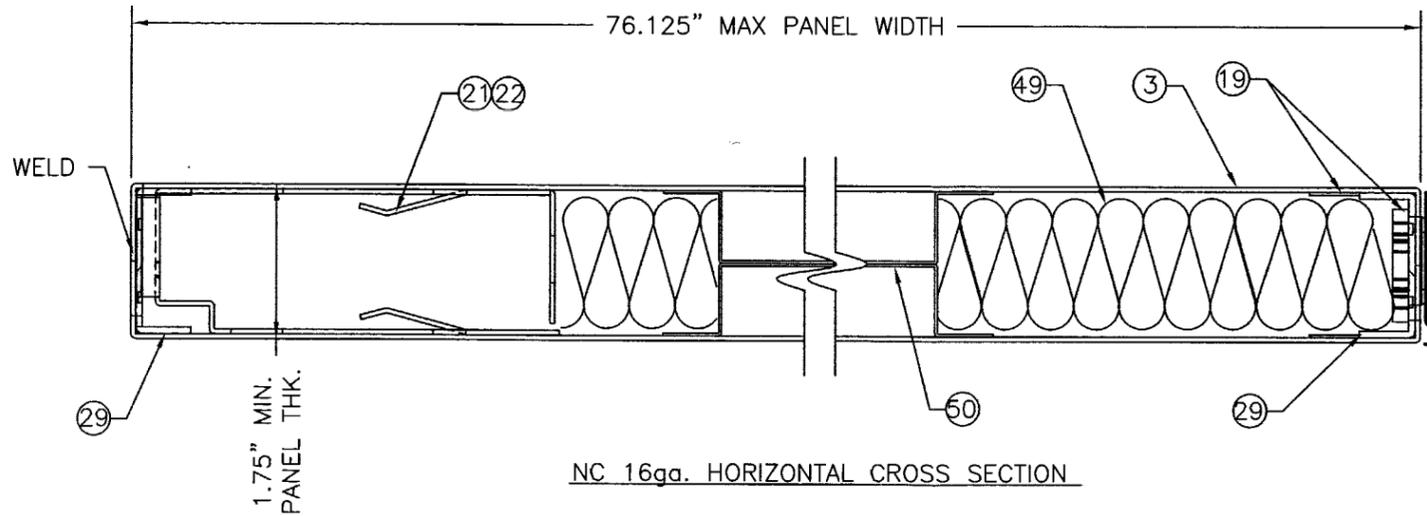
NO.	DATE	BY	REVISIONS
2	7/21/04	EW	REV. ANCHORS, SHT 9, PER DADE
1	10/7/03	TJH	PER DADE LETTER

DATE:	8/12/03
SCALE:	N.T.S.
DWG. BY:	ROF
CHK. BY:	TJH
DRAWING NO.:	S-2345
SHEET	3 of 12

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NC 16ga. VERTICAL CROSS SECTION



NC 16ga. HORIZONTAL CROSS SECTION

DOOR PANEL CONSTRUCTION

- THE NC 16ga. STEEL STIFFEND PANELS, ARE CONSTRUCTED FROM (2) 16ga. (0.053" MIN.) COLD ROLLED STEEL FACE SHEETS ITEM #3. THE VERTICAL EDGES OF THE FACE SHEETS ARE BENT 90° X 0.860" IN TOWARD THE CENTER. THE HORIZONTAL EDGES ARE CUT STRAIGHT. THE OUTSIDE PERIMETER OF THE PANEL, ON THE INTERIOR, IS REINFORCED WITH A 14ga. (0.074" MIN.) STEEL "U" CHANNEL ITEM #29. THE "U" CHANNEL IS PLACED IN THE PANEL ON THE SIDES WITH THE OPEN END FACING INWARD AGAINST THE 90° X 0.860" BEND IN THE FACE SHEETS. EACH FACE SHEET IS SPOT WELDED TO THE "U" CHANNEL 0.430" IN FROM THE EDGE AND 2.0" UP FROM THE BOTTOM AND 4.0" MAXIMUM OF CENTER. THE TOP & BOTTOM "U" CHANNELS ARE PLACED IN THE PANEL WITH THE OPEN EDGE FACING OUTWARD. THE "U" CHANNEL IS 0.125" BELOW THE HORIZONTAL EDGES OF THE PANEL AND IS SPOT/PROJECTION WELDED IN (5) PLACES ON EACH SIDE OF THE PANEL. THE PANEL IS REINFORCED ON THE INTERIOR WITH (3) 22ga. (0.025" MIN.) STEEL STIFFENERS, ITEM #50, RUNNING VERTICAL FROM TOP TO BOTTOM. THE TWO OUTBOARD STIFFENERS ARE LOCATED 6.5" MAXIMUM IN FROM THE EDGE OF THE PANEL. THE MIDDLE STIFFENER IS LOCATED IN THE CENTER OF THE PANEL. THE THREE STIFFENERS CAN ONLY BE A MAXIMUM 6.0" APART. THE STIFFENERS ARE WELDED AT EACH SIDE OF THE STIFFENER UP 3.0" FROM THE BOTTOM AND A MAXIMUM OF 6.0" ON CENTER. THE SPACES BETWEEN THE THREE STIFFENERS AND THE EDGES OF THE PANEL ARE FILLED WITH FIBERGLASS INSULATION, ITEM #49. EACH PANEL HAS THREE STEEL HINGE REINFORCEMENTS, ITEM #19, WELDED TO ONE OF THE FACE SHEETS BEFORE BOTH FACE SHEETS ARE ASSEMBLED. THE REINFORCEMENT IS CONSTRUCTED FROM A 7ga. (0.171" MIN.) HOT ROLLED STEEL. THE REINFORCEMENTS ARE LOCATED 7.125", 39.375" AND 71.625" FROM THE TOP OF THE DOOR TO THE CENTER OF THE REINFORCEMENTS.

Approved as complying with the
 Florida Building Code
 Date 08/26/04
 NOA# 03-0916-01
 Miami Dade Product Control
 Division
 By *[Signature]*

Product Approval Documents Prepared By:

RW
 BUILDING CONSULTANTS, INC.
 P.O. Box 230 Valrico FL 33595
 Phone No.: 813.659.9197

Florida Board of Professional Engineers
 Certificate of Authorization No. 9813

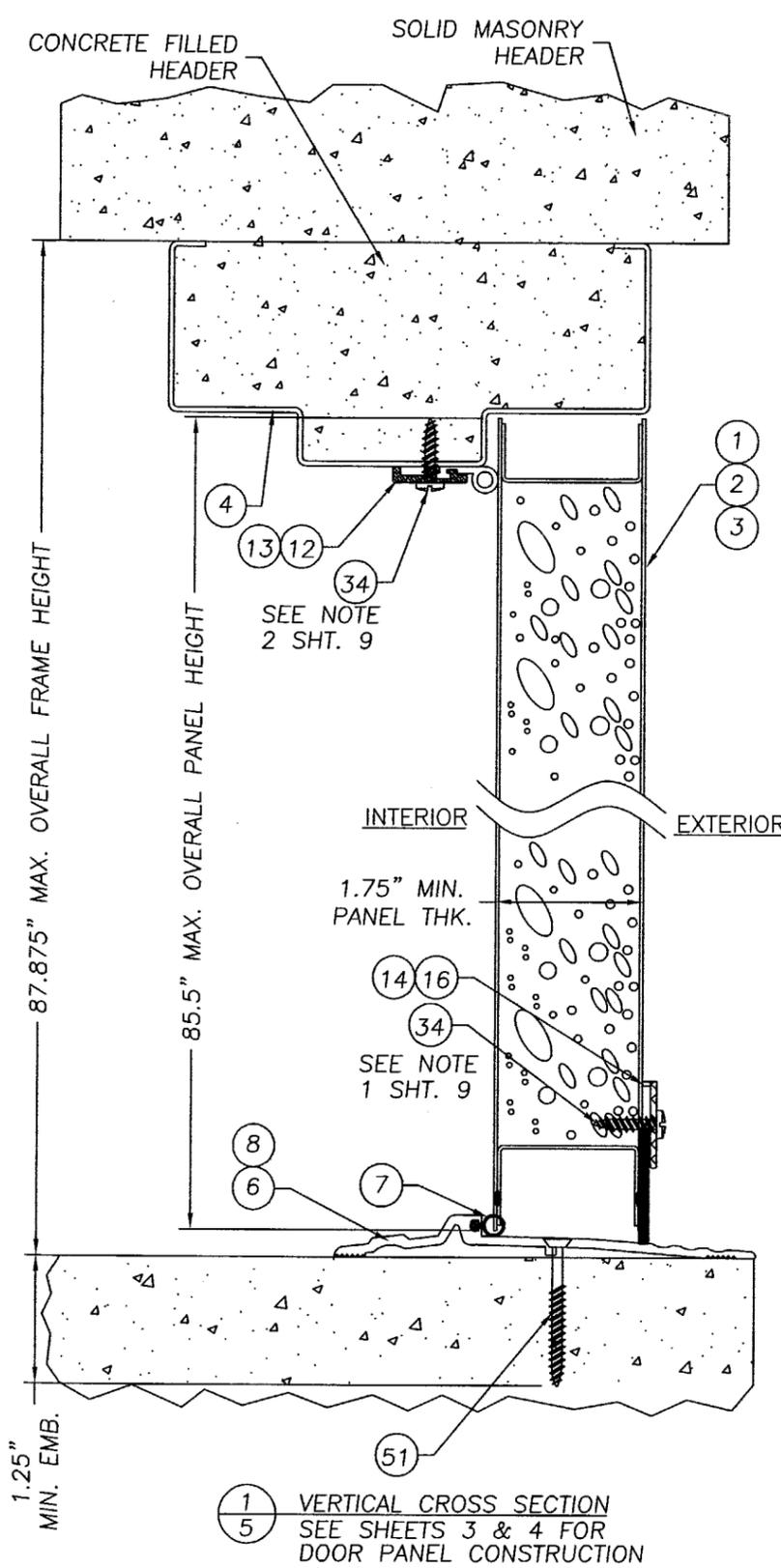
[Signature]
 Wendell W. Haney, P.E. No. 54148

PRODUCT:	OUTSWING DOUBL 6'0" x 7'2" COMMERCIAL STEEL DOOR IN A H.M.F.	
PART OR ASSEMBLY:	DOOR PANEL CONSTRUCTION NC 16ga. DOOR SLAB	
NO.	DATE	BY
2	7/21/04 REV. ANCHORS, SHT 9, PER DADE	EW
1	10/7/03 PER DADE LETTER	TJH

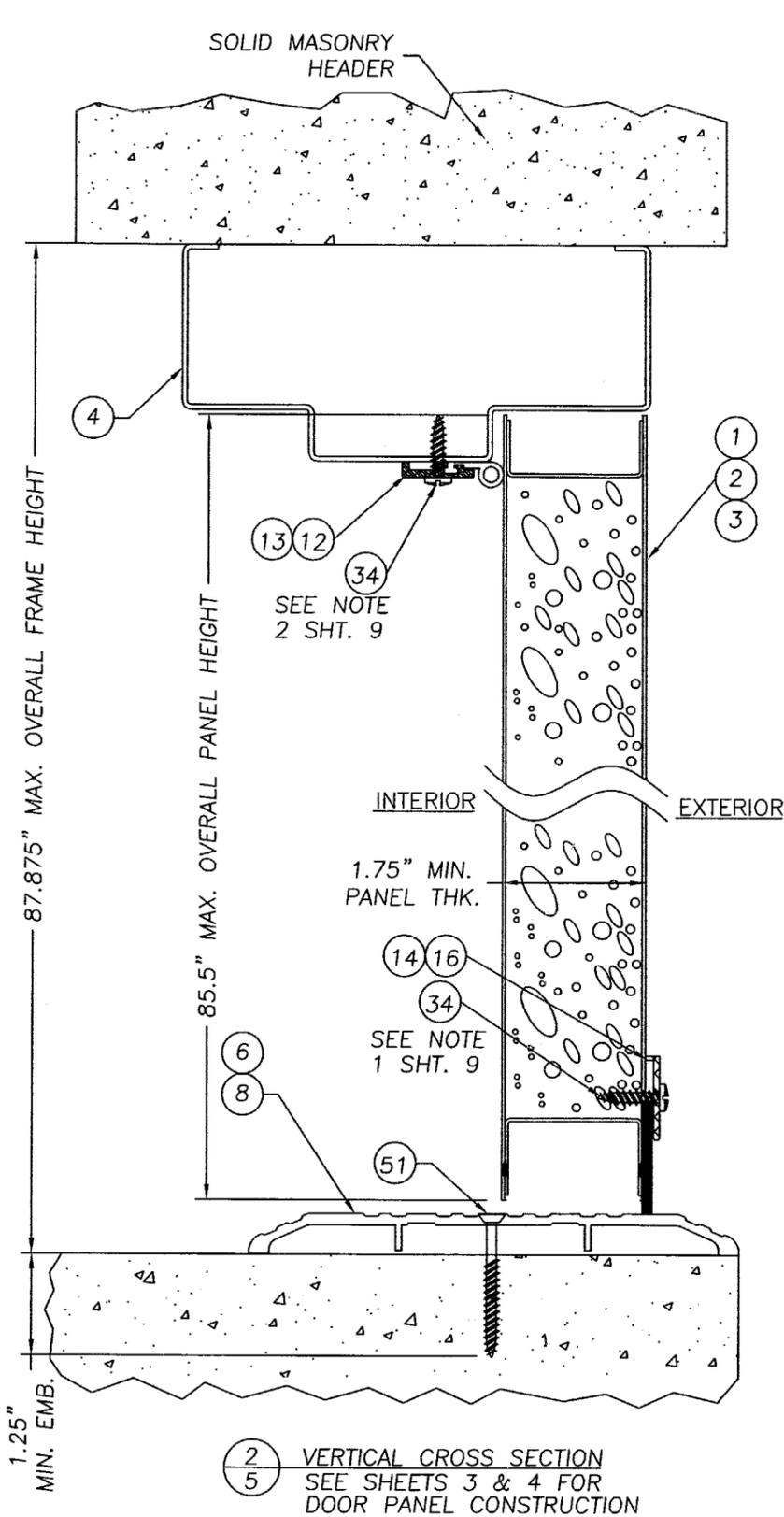
REVISIONS

DATE:	8/12/03
SCALE:	N.T.S.
DWG. BY:	ROF
CHK. BY:	TJH
DRAWING NO.:	S-2345
SHEET	4 of 12

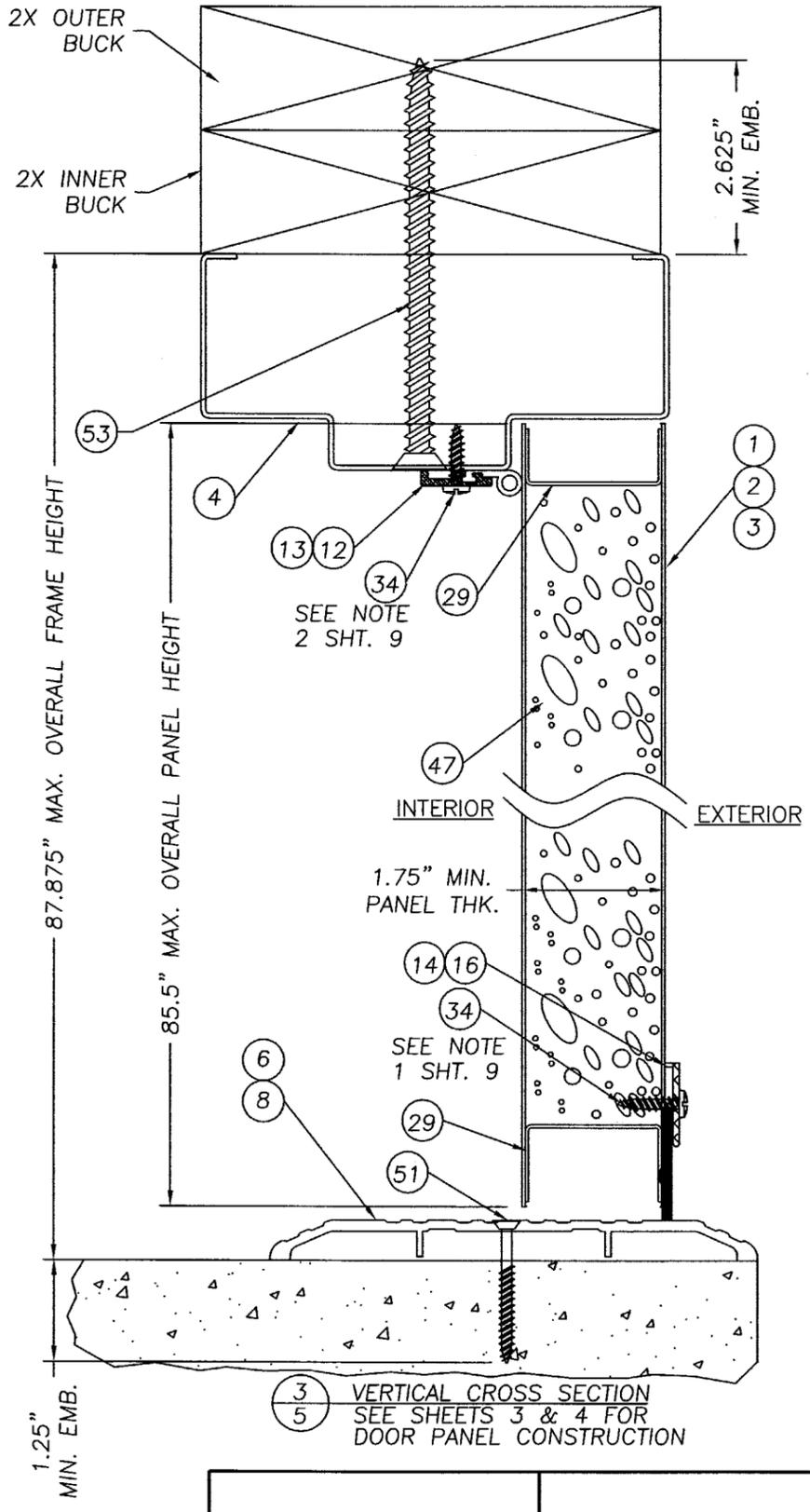
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1 VERTICAL CROSS SECTION
5 SEE SHEETS 3 & 4 FOR DOOR PANEL CONSTRUCTION



2 VERTICAL CROSS SECTION
5 SEE SHEETS 3 & 4 FOR DOOR PANEL CONSTRUCTION

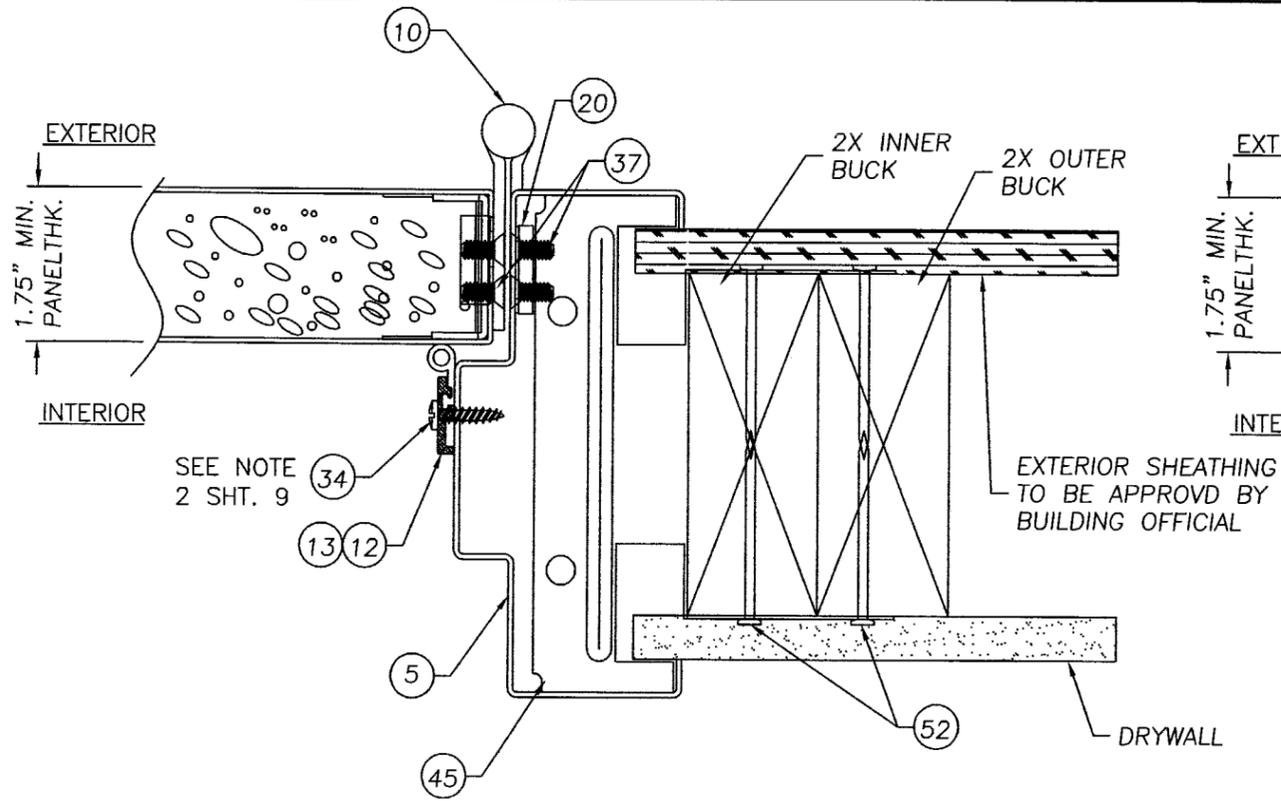


3 VERTICAL CROSS SECTION
5 SEE SHEETS 3 & 4 FOR DOOR PANEL CONSTRUCTION

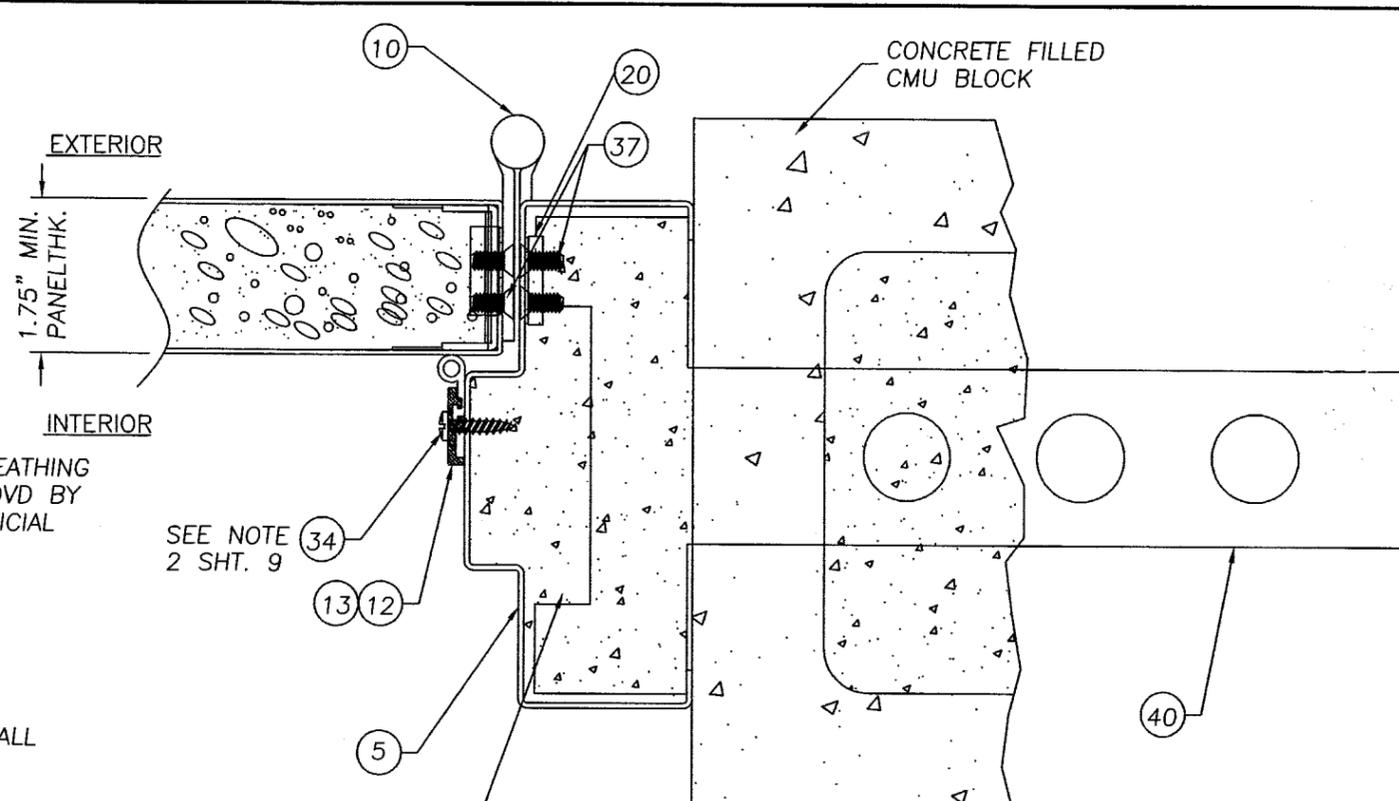
Approved as complying with the
Florida Building Code
Date 08/26/04
NOA# 03-0916.01
Miami-Dade Product Control
Division
By *[Signature]*

Product Approval Documents Prepared By: RW BUILDING CONSULTANTS, INC. P.O. Box 230 Vairico FL 33595 Phone No.: 813.959.9197 Florida Board of Professional Engineers Certificate Of Authorization No. 9813 <i>[Signature]</i> Wendell W. Haney P.E. No. 54148		
PRODUCT:	OUTSWING DOUBL 6'0 x 7'2 COMMERCIAL STEEL DOOR IN A H.M.F.	
PART OR ASSEMBLY:	VERTICAL CROSS SECTIONS	
NO.	DATE	REVISIONS
2	7/21/04	REV. ANCHORS, SHT 9, PER DADE EW
1	10/7/03	PER DADE LETTER
		TJH
		BY
DATE: 8/12/03		
SCALE: N.T.S.		
DWG. BY: ROF		
CHK. BY: TJH		
DRAWING NO.: S-2345		
SHEET 5 OF 12		

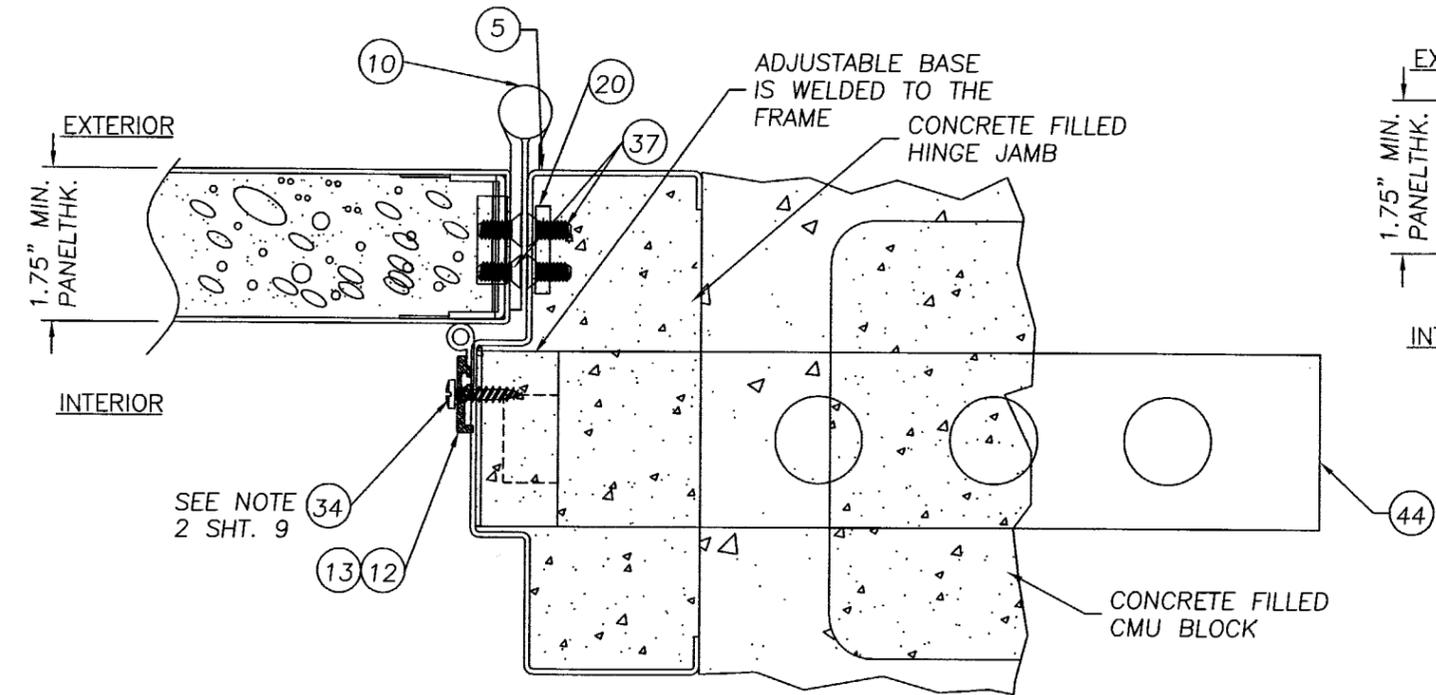
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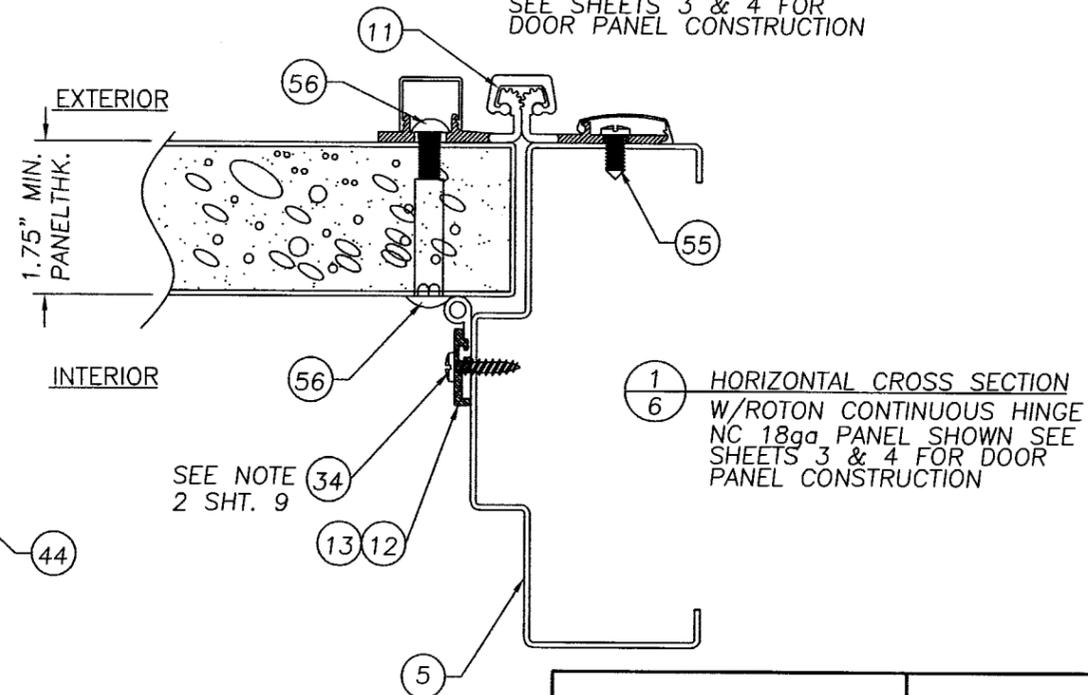
1 HORIZONTAL CROSS SECTION
6 W/ WOOD/METAL STUD ANCHOR
W/NC 18ga PANEL SEE SHEETS
3 & 4 FOR DOOR PANEL
CONSTRUCTION



1 HORIZONTAL CROSS SECTION
6 W/ WIRE ANCHOR TO MASONRY
SHOWN W/NC 18ga. PANEL
SEE SHEETS 3 & 4 FOR
DOOR PANEL CONSTRUCTION



1 HORIZONTAL CROSS SECTION
6 W/ ADJUSTABLE STRAP ANCHOR
TO MASONRY SHOWN W/NC
18ga PANEL SEE SHEETS
3 & 4 FOR DOOR PANEL
CONSTRUCTION

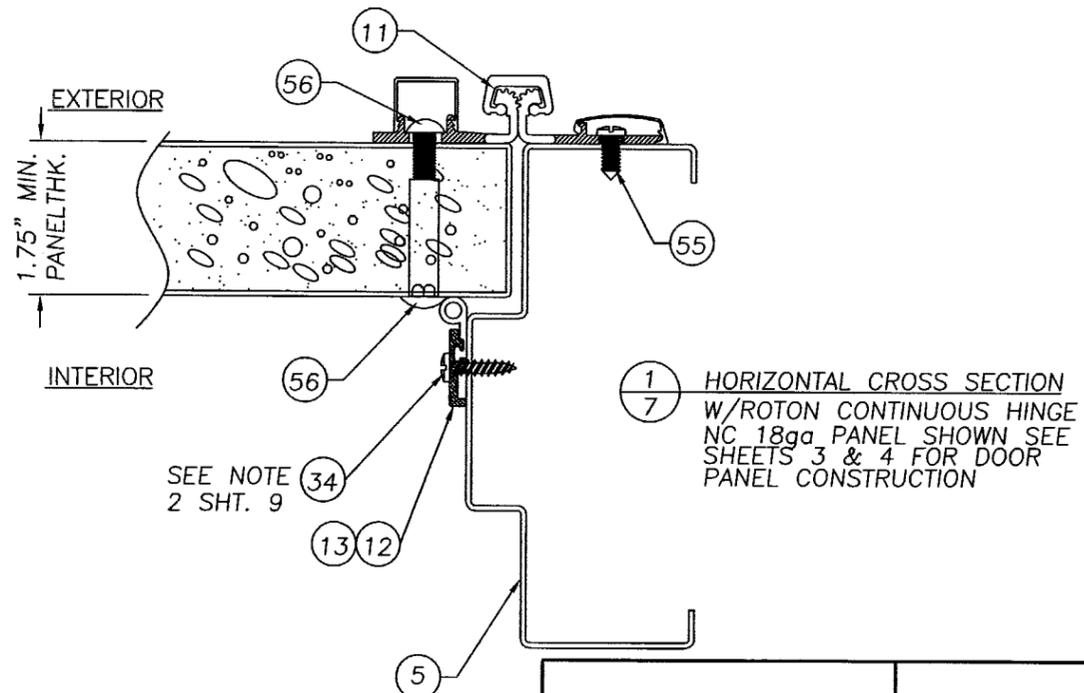
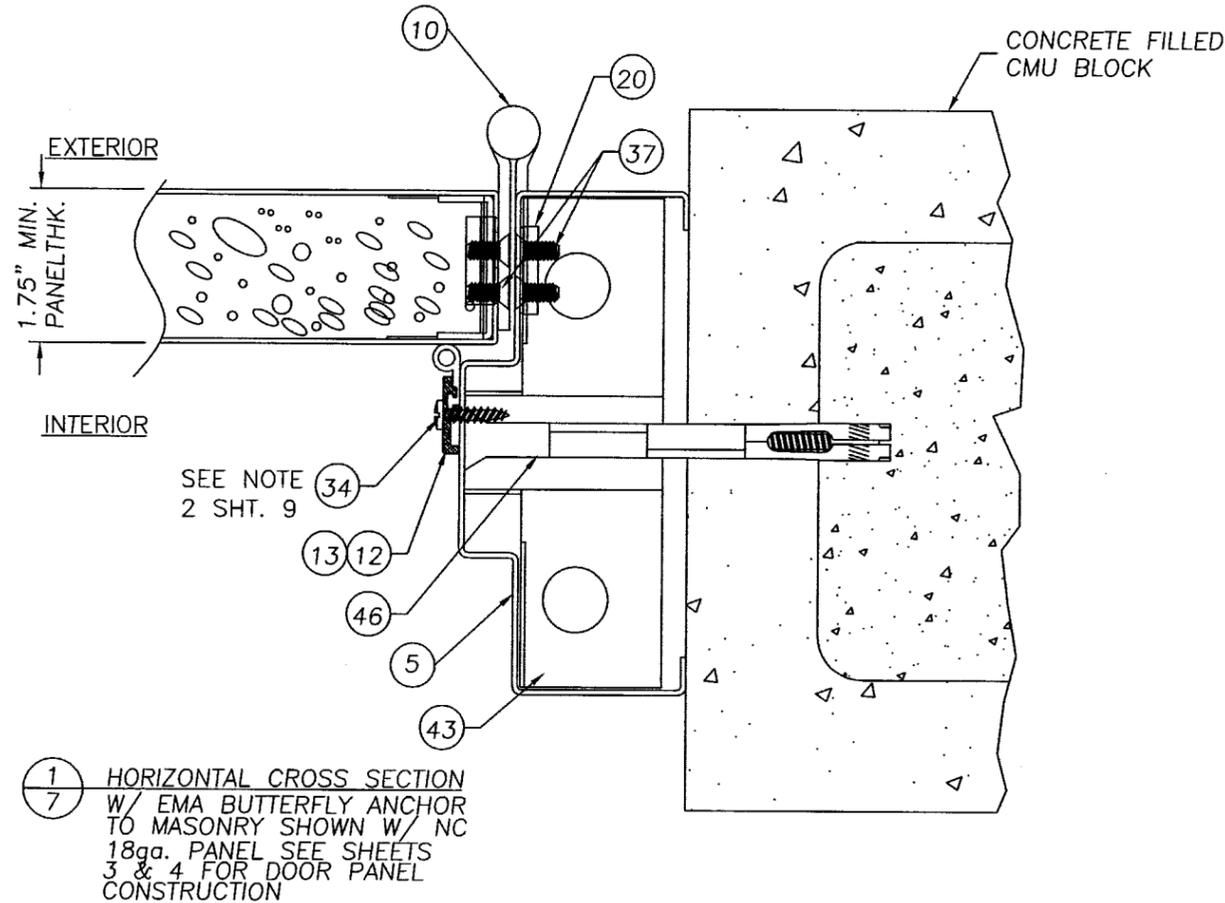
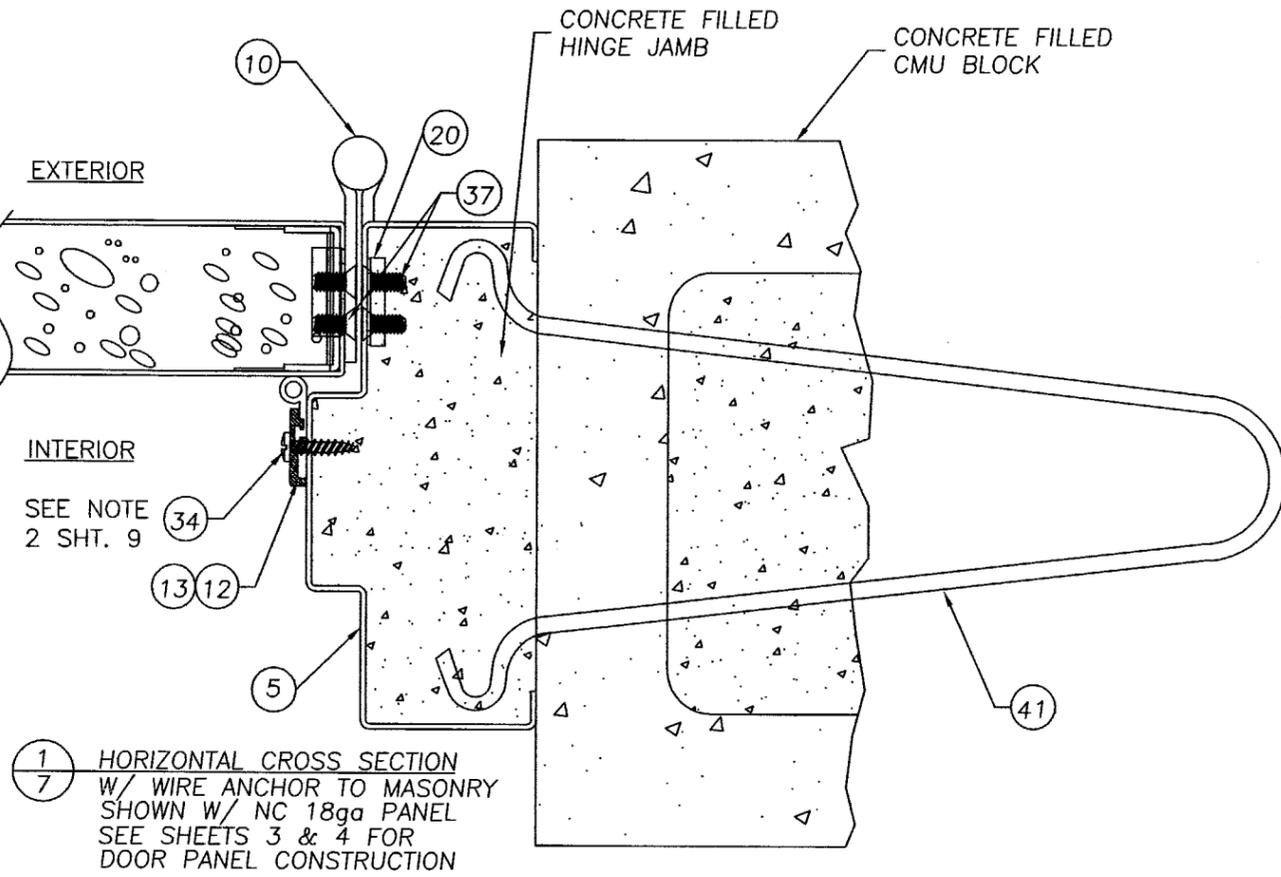
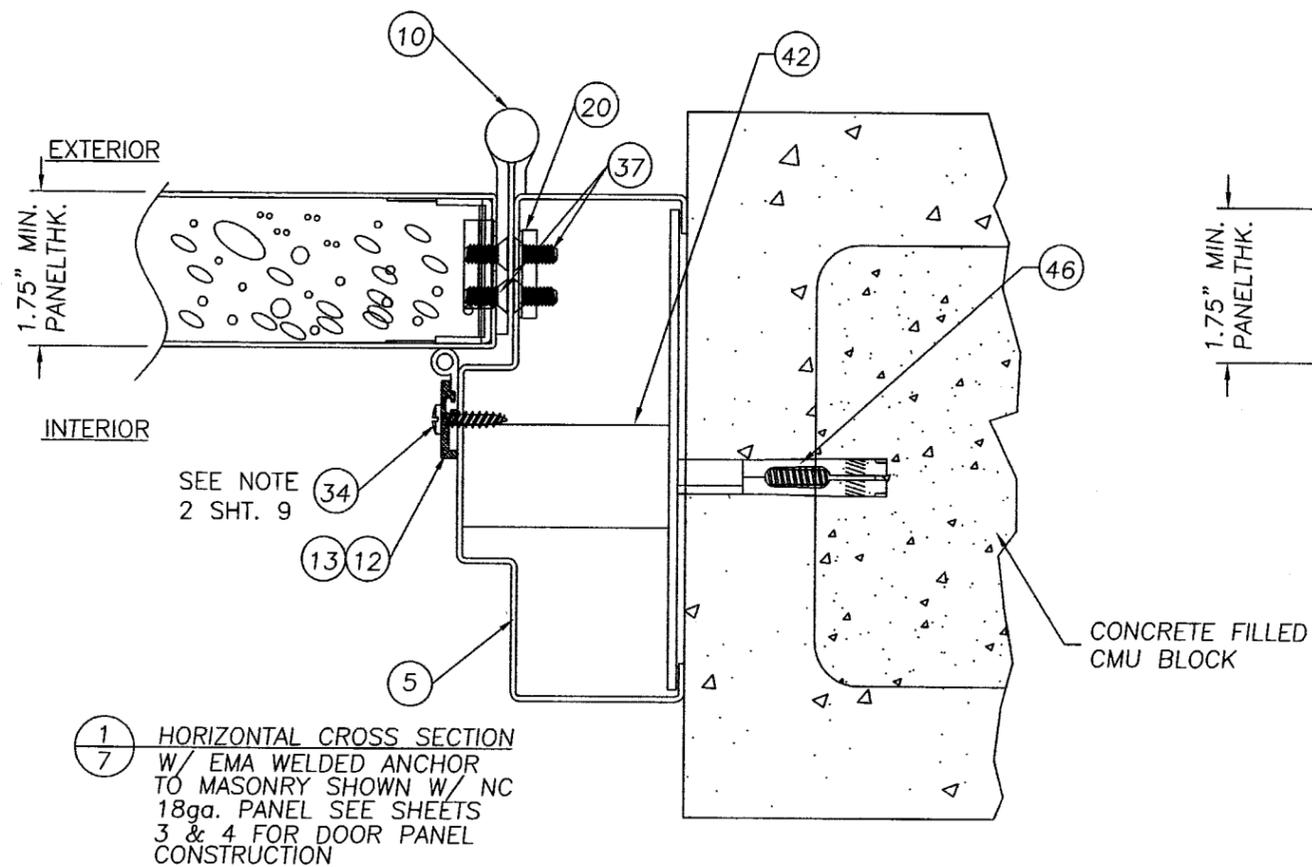


1 HORIZONTAL CROSS SECTION
6 W/ROTON CONTINUOUS HINGE
NC 18ga PANEL SHOWN SEE
SHEETS 3 & 4 FOR DOOR
PANEL CONSTRUCTION

Approved as complying with the
Florida Building Code
Date 08/26/04
NOA# 03-0916-01
Miami Dade Product Control
Division
By *[Signature]*

Product Approval Documents Prepared By:		RW BUILDING CONSULTANTS, INC. P.O. Box 230 Valrico FL, 33595 Phone No.: 813.659.9197 Florida Board of Professional Engineers Certificate Of Authorization No. 9813 <i>[Signature]</i> Wendell W. Harley, P.E. No. 54148	
PRODUCT:	OUTSWING DOUBL 6'0 x 7'2 COMMERCIAL STEEL DOOR IN A H.M.F.	HORIZONTAL CROSS SECTIONS	
PART OR ASSEMBLY:			
NO.	DATE	REV.	BY
2	7/21/04	REV. ANCHORS, SHT 9, PER DADE	EW
1	10/7/03	PER DADE LETTER	TJH
REVISIONS			
DATE: 8/12/03		SCALE: N.T.S.	
DWG. BY: ROF		CHK. BY: TJH	
DRAWING NO.: S-2345		SHEET 6 OF 12	

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Florida Building Code
Date 08/26/04
NOA# 03-0916-01
Miami Dade Product Control
Division
By *[Signature]*

Product Approval Documents Prepared By:

RW
BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico, FL 33595
Phone No.: 813.659.9197

Florida Board of Professional Engineers
Certificate of Authorization No. 9813

[Signature]
Wendell W. Haney, P.E. No. 54148

PRODUCT: OUTSWING DOUBL
6'0 x 7'2 COMMERCIAL
STEEL DOOR IN A H.M.F.
PART OR ASSEMBLY:

HORIZONTAL CROSS SECTIONS

NO. DATE

REVISIONS

NO.	DATE	BY
2	7/21/04	REV. ANCHORS, SHT 9, PER DADE EW
1	10/7/03	PER DADE LETTER TJH

DATE: 8/12/03

SCALE: N.T.S.

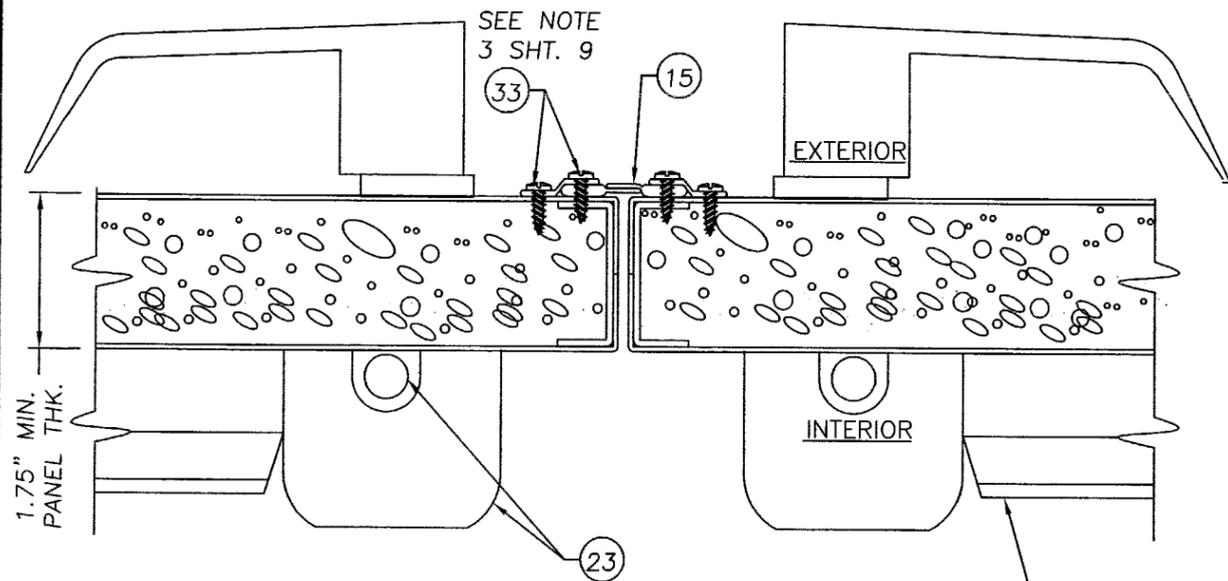
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CHK. BY: TJH

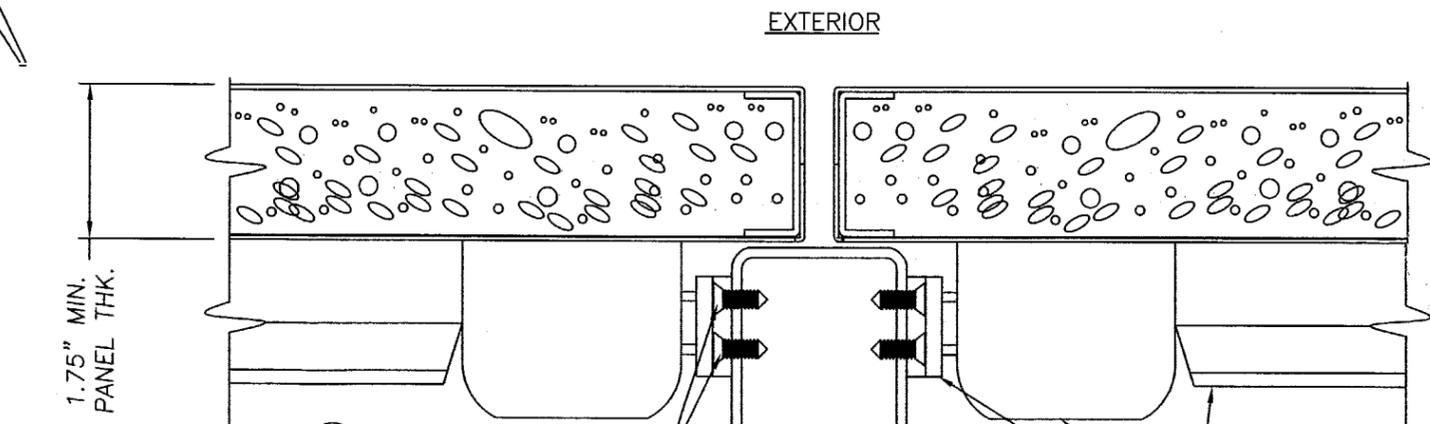
DRAWING NO.: S-2345

SHEET 7 OF 12

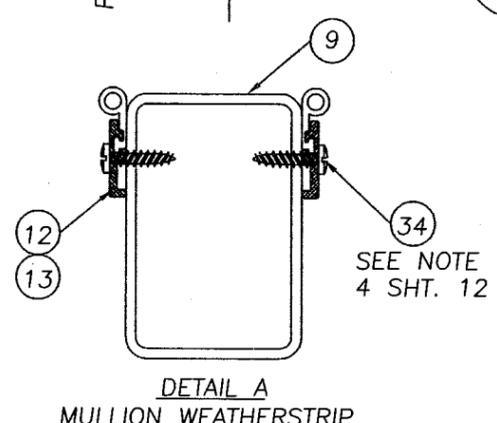
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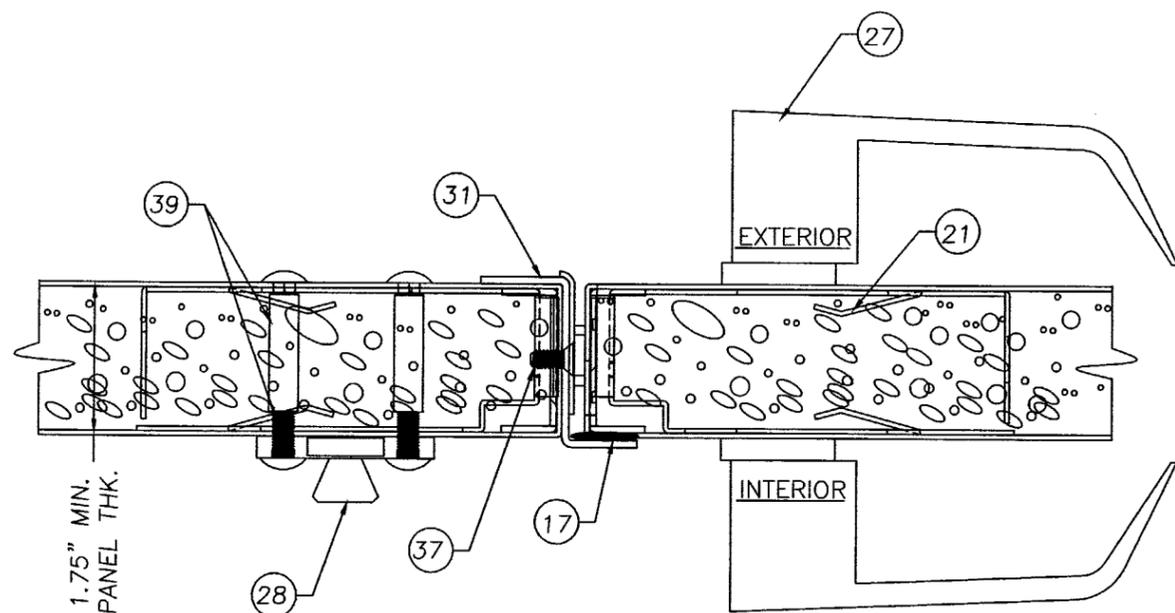
1
8
 HORIZONTAL CROSS SECTION
 W/ DORMA 9400 VERTICAL
 RODS W/PUSH BAR SHOWN
 W/NC 18ga. PANEL SEE
 SHEETS 3 & 4 FOR DOOR
 PANEL CONSTRUCTION



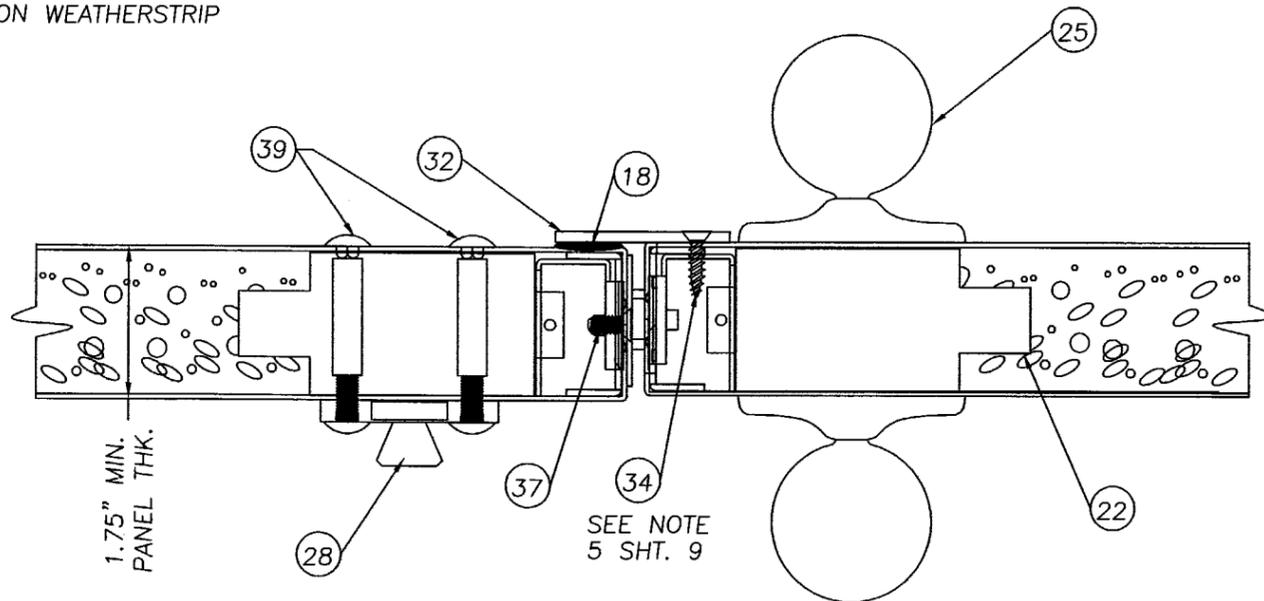
2
8
 HORIZONTAL CROSS SECTION
 W/DORMA 9300 RIM DEVICE
 W/PUSH BAR SHOWN W/NC
 18ga. PANEL SEE SHEETS
 3 & 4 FOR DOOR PANEL
 CONSTRUCTION



DETAIL A
 MULLION WEATHERSTRIP



3
8
 HORIZONTAL CROSS SECTION
 W/ CORBIN/RUSSWIN ML2000
 SERIES MORTISE LOCKSET
 SHOWN W/NC 18ga. PANEL
 SEE SHEETS 3 & 4 FOR
 DOOR PANEL CONSTRUCTION



4
8
 HORIZONTAL CROSS SECTION
 W/ CORBIN/RUSSWIN CORB 26D
 HEAVY DUTY CYLIN. LOCKSET
 DL3000 26DSS CYLIN. DEAD LOCK
 SHOWN W/NC 18ga. DOOR SLAB
 SEE SHEETS 3 & 4 FOR DOOR
 PANEL CONSTRUCTION

Approved as complying with the
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 Date 08/26/04
 NOA# 03-0916-01
 Miami Dade Product Control
 Division
 By [Signature]

Product Approval Documents Prepared By:

RW
 BUILDING CONSULTANTS, INC.
 P.O. Box 230 Vairico FL 33595
 Phone No.: 813.659.9197

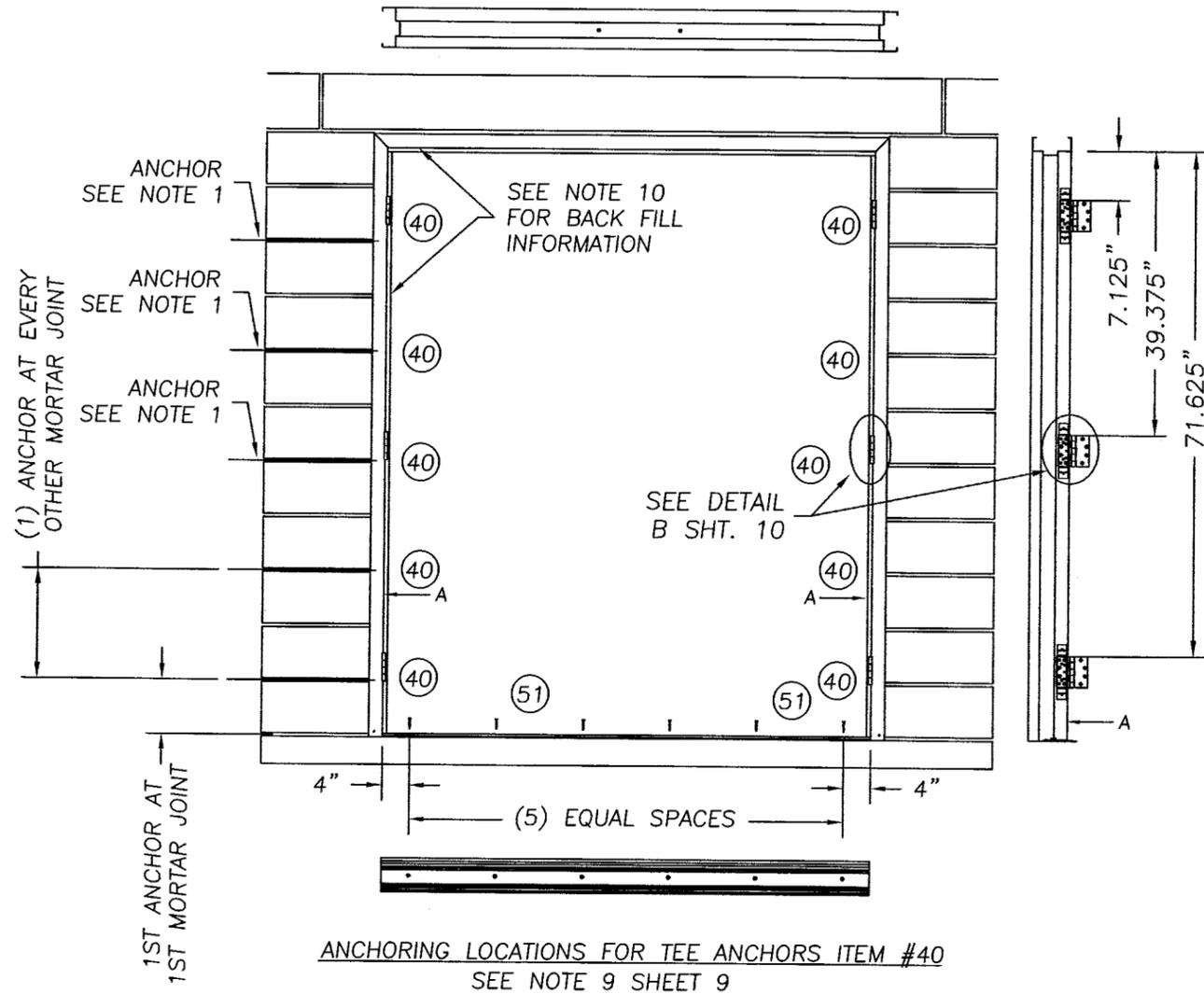
Florida Board of Professional Engineers
 Certificate of Authorization No. 9813
[Signature] 7/22/04
 Wendell W. Haney, P.E. No. 54148

PRODUCT: OUTSWING DOUBL
 6'0 x 7'2 COMMERCIAL
 STEEL DOOR IN A H.M.F.
 PART OR ASSEMBLY:
 HORIZONTAL CROSS SECTIONS

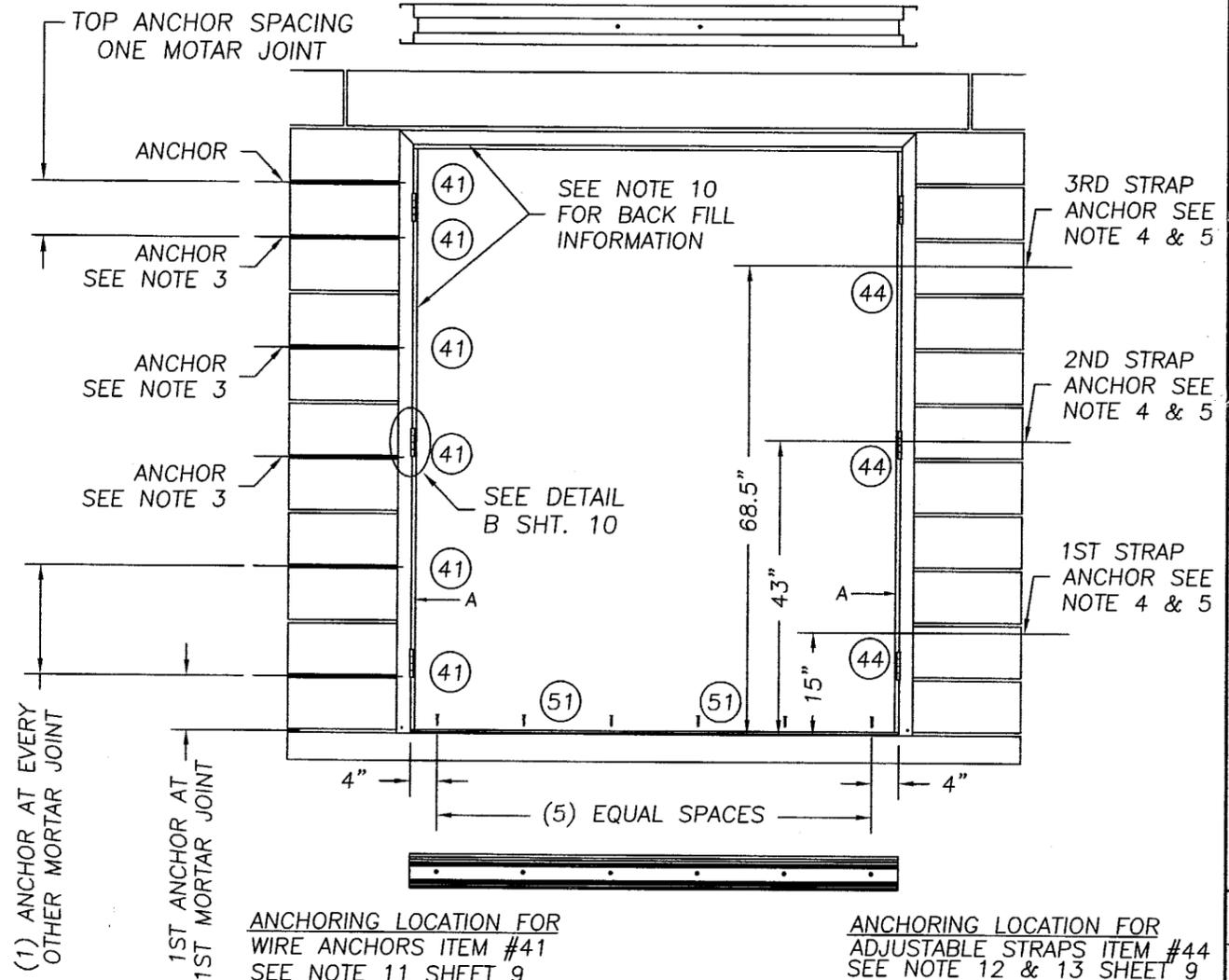
NO.	DATE	BY	REVISIONS
2	7/21/04	EW	REV. ANCHORS, SHT 9, PER DADE
1	10/7/03	TJH	PER DADE LETTER

DATE: 8/12/03
 SCALE: N.T.S.
 DWG. BY: ROF
 CHK. BY: TJH
 DRAWING NO.: S-2345
 SHEET 8 OF 12

\\Server\DATA\Active Projects\185_Double Door\S-2345-R2-7-21-04\S-2345-9.dwg



ANCHORING LOCATIONS FOR TEE ANCHORS ITEM #40
SEE NOTE 9 SHEET 9



ANCHORING LOCATION FOR
WIRE ANCHORS ITEM #41
SEE NOTE 11 SHEET 9

ANCHORING LOCATION FOR
ADJUSTABLE STRAPS ITEM #44
SEE NOTE 12 & 13 SHEET 9

NOTES:

- SPACING FOR ITEM #34 THE #10 x 3/4" SMS. ATTACHING THE BOOR BOTTOM SWEEPS TO THE DOORS IS AS FOLLOWS: 2.125" FROM BOTH ENDS AND A MAXIMUM OF 8.0" O.C.
- SPACING FOR ITEM #34 THE #10 x 3/4" SMS. ATTACHING THE FRAME WEATHERSTRIP TO THE FRAME IS AS FOLLOWS: 3.0" FROM BOTH ENDS AND A MAXIMUM OF 8.0" O.C.
- SPACING FOR ITEM #33 THE #8 x 1/2" SMS. ATTACHING THE DOOR FACE SEAL TO THE DOOR PANELS IS AS FOLLOWS: 3.6" FROM BOTH ENDS AND A MAXIMUM OF 8.0" O.C.
- SPACING FOR ITEM #34 THE #10 x 3/4" SMS. ATTACHING THE WEATHERSTRIP TO THE MULLION IS AS FOLLOWS: 2.125" FROM BOTH ENDS AND A MAXIMUM OF 8.0" O.C.
- SPACING FOR ITEM #34 THE #10 x 3/4" SMS. ATTACHING THE FLAT ASTRAGAL, ITEM #32 TO THE INACTIVE PANEL IS AS FOLLOWS: 2.0" FROM THE TOP DOWN WITH (7) MORE EQUALLY SPACED ALONG THE ASTRAGAL.
- ALL ANCHORS ARE TO BE THE BENCHMARKHMF BUTTERFLY ANCHOR, ITEM #43.
- ALL ANCHORS ARE SECURED THROUGH THE FRAME AND INTO THE BLOCK WITH 3/8" x 5" FASTNAL BY REDHEAD.
- ALL ANCHORS IN THE SIDE JAMBS ARE TO BE THE BENCHMARKHMF WOOD/METAL STUD ANCHOR, ITEM #45. EACH ANCHOR IS ATTACHED TO THE WOOD BUCK WITH (4) 6d COMMON BRIGHT NAILS, ITEM #52.

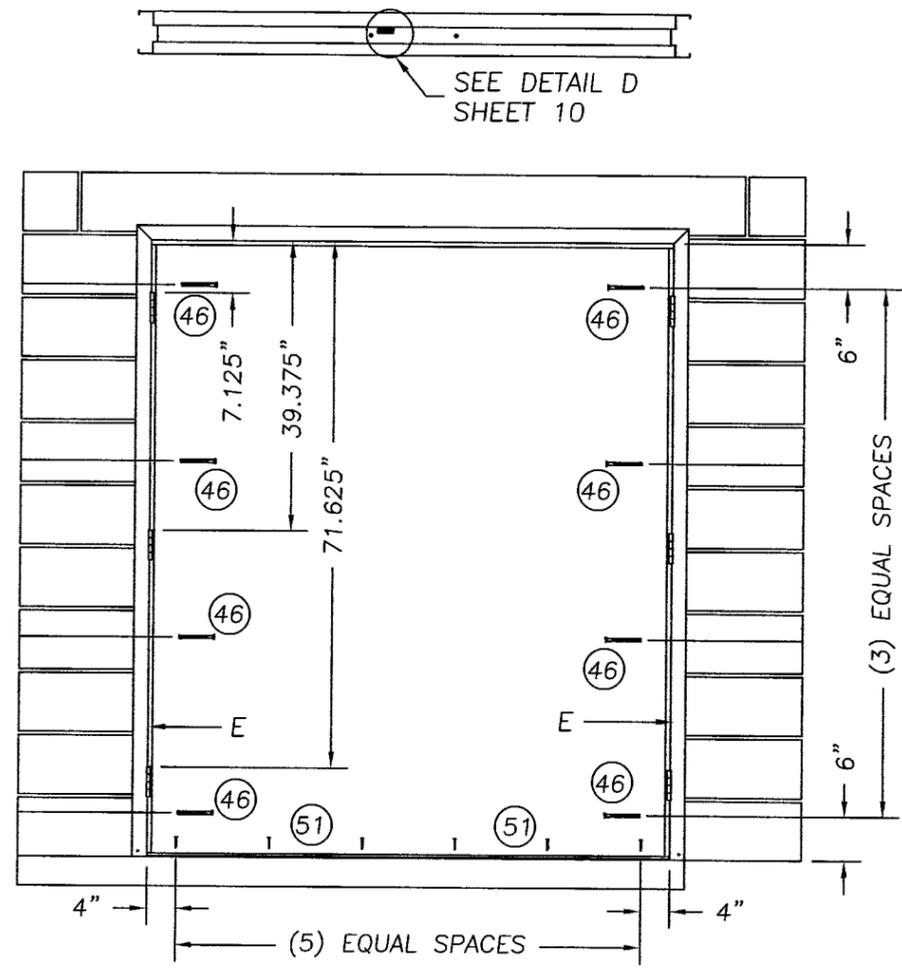
NOTES:

- ALL ANCHORS ARE TO BE THE BENCHMARKHMF TEE ANCHOR, ITEM #40 SUPPLIED BY BENCHMARKHMF.
- ALL BLOCK AND H.M.F. JAMBS AND HEADER ARE TO BE BACK FILLED WITH CONCRETE AS THE OPENING IS BUILT.
- ALL ANCHORS ARE TO BE THE BENCHMARKHMF WIRE ANCHORS, ITEM #41 SUPPLIED BY BENCHMARKHMF.
- THE STRAP ANCHOR BASE IS WELDED INTO THE FRAME AT THE LOCATIONS ABOVE. ADJUST THE STRAP TO FALL INTO A MORTAR JOINT AT INSTALLATION.
- ALL ANCHORS ARE TO BE THE BENCHMARKHMF ADJUSTABLE STRAP ANCHOR, ITEM #44 SUPPLIED BY BENCHMARKHMF.
- ALL ANCHORS ARE TO BE THE BENCHMARKHMF WELDED EMA ANCHORS, ITEM #42 SUPPLIED BY BENCHMARKHMF.

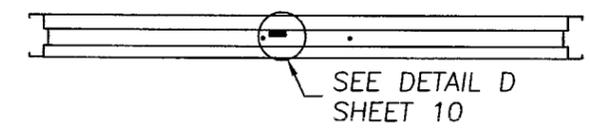
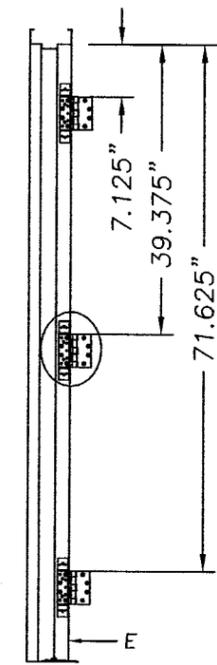
Approved as complying with the
Florida Building Code
Date 08/26/04
NOA# 03-0316.01
Miami Dade Product Control
Division
By *[Signature]*

Product Approval Documents Prepared By: RW BUILDING CONSULTANTS, INC. P.O. Box 230 Valrico FL, 33595 Phone No.: 813.659.9197 Florida Board of Professional Engineers Certificate of Authorization No. 9813 <i>[Signature]</i> Wendell W. Haney, P.E. No. 54148		
PRODUCT: OUTSWING DOUBL 6'0 x 7'2 COMMERCIAL STEEL DOOR IN A H.M.F.	PART OR ASSEMBLY: ANCHORING LOCATIONS WIRE, STRAP, & TEE ANCHORS	
NO.	DATE	REVISIONS
2	7/21/04	REV. ANCHORS, SHT 9, PER DADE LEW
1	10/7/03	PER DADE LETTER TJH
DATE:	8/12/03	
SCALE:	N.T.S.	
DWG. BY:	ROF	
CHK. BY:	TJH	
DRAWING NO.:	S-2345	
SHEET	9 of 12	

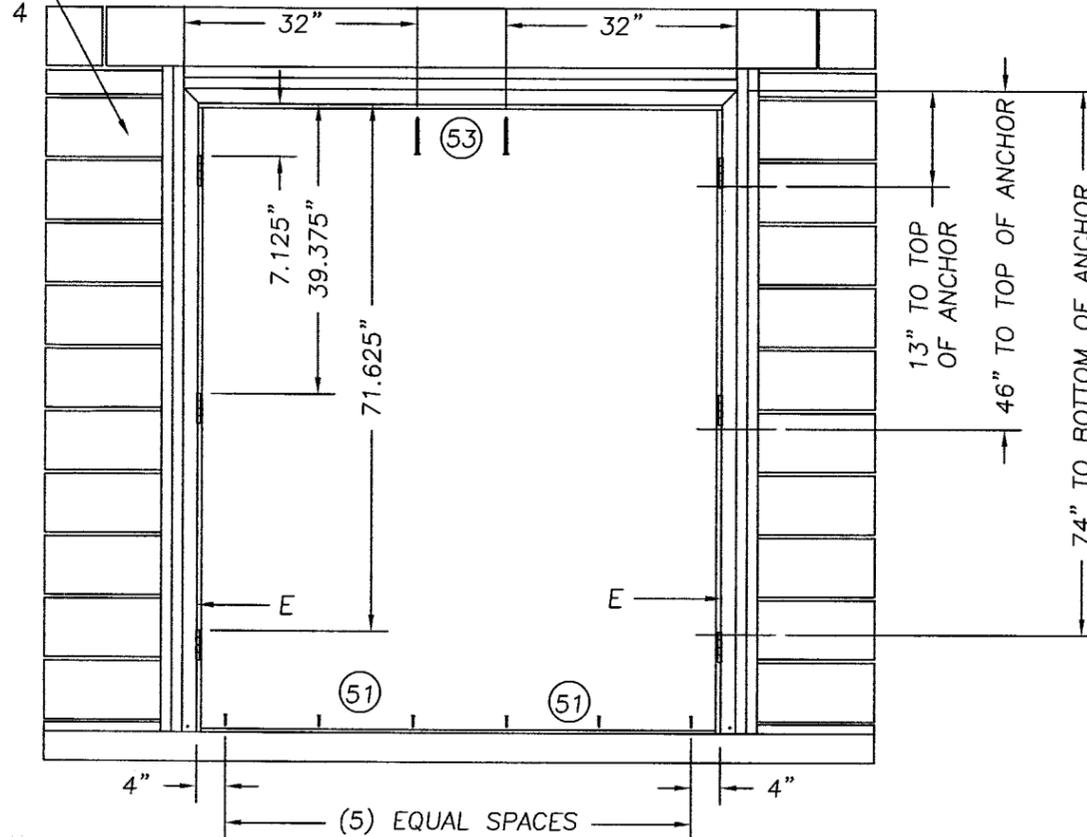
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FOR ANCHORING
SEE NOTE 4



SEE DETAIL D
SHEET 10



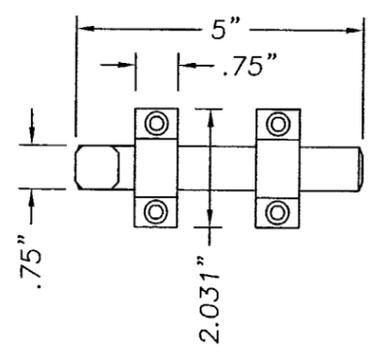
THIS SIDE WAS ANCHORED
WITH WELDED EMA ANCHORS ITEM #42
SEE NOTE 7 & 14 SHEET 9

SEE DETAIL C
SHEET 10

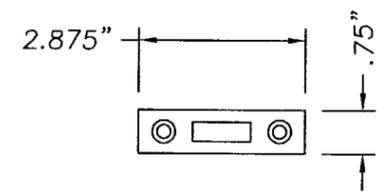
THIS SIDE WAS ANCHORED
WITH BUTTERFLY ANCHORS ITEM #43
SEE NOTE 6 & 7 SHEET 9

SEE DETAIL C
SHEET 10

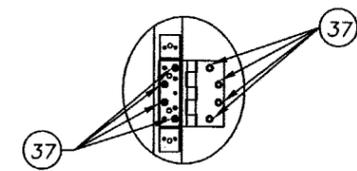
ANCHORING LOCATIONS FOR WOOD/METAL STUD ANCHORS
SEE NOTE 8 SHEET 9



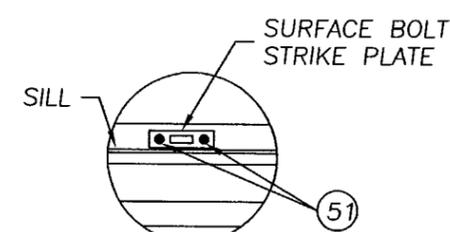
SURFACE BOLT
(IVES, MODEL 454 .25\"/>



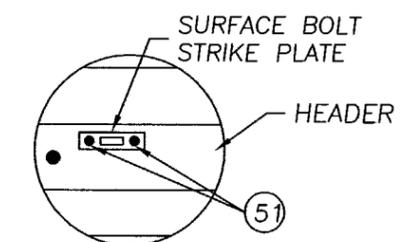
SURFACE BOLT STRIKE
(IVES .125\"/>



DETAIL B
TYP. HINGE DETAIL



DETAIL C
STRIKE PLATE
TO THRESHOLD



DETAIL D
SURFACE BOLT
STRIKE AT HEADER

THE SURFACE BOLTS MUST BE USED WITH
THE CORBIN/RUSSWIN ML2000 SERIES
MORTISE LOCK & CORBIN/RUSSWIN CORB
26D HEAVY DUTY CYLINDRICAL LOCKSET &
DL3000 26DSS CYLINDRICAL DEAD LOCK

Approved as complying with the
Florida Building Code
Date 08/26/04
NOA# 03-0916-01
Miami Dade Product Control
Division
By [Signature]

Product Approval Documents Prepared By:

RW
BUILDING CONSULTANTS, INC.
P.O. Box 230 Vairio FL 33595
Phone No.: 813.658.9197
Florida Board of Professional Engineers
Certificate of Authorization No. 9813
[Signature] 7/22/04
Wendell W. Haney, P.E. No. 54146

PRODUCT: **OUTSWING DOUBL
6'0 x 7'2 COMMERCIAL
STEEL DOOR IN A H.M.F.**
PART OR ASSEMBLY:
**ANCHORING LOCATIONS, EMA,
BUTTERFLY, & STUD ANCHORS**

NO.	DATE	BY	REVISIONS
2	7/21/04	REV. ANCHORS, SHT 9, PER DADE EW	
1	10/7/03	PER DADE LETTER TJH	

DATE: 8/12/03

SCALE: N.T.S.

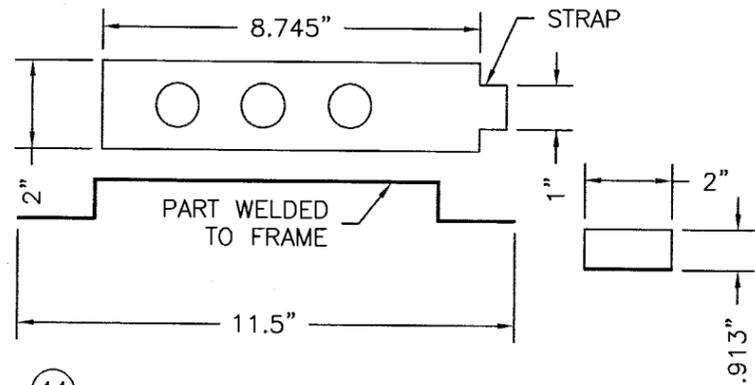
DWG. BY: ROF

CHK. BY: TJH

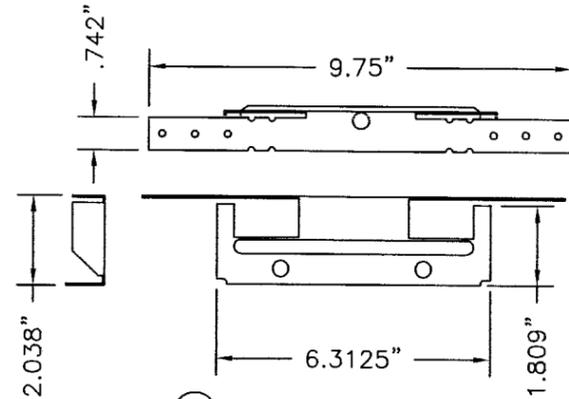
DRAWING NO.:
S-2345

SHEET 10 OF 12

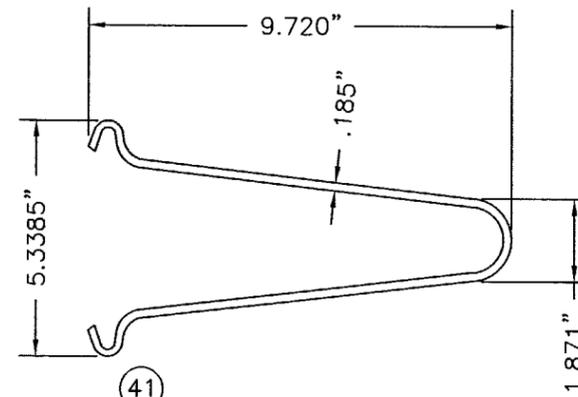
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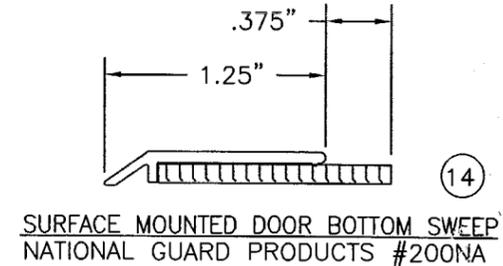
44 MASONRY ADJUSTABLE STRAP
BENCHMARKMF .038" MIN. STEEL



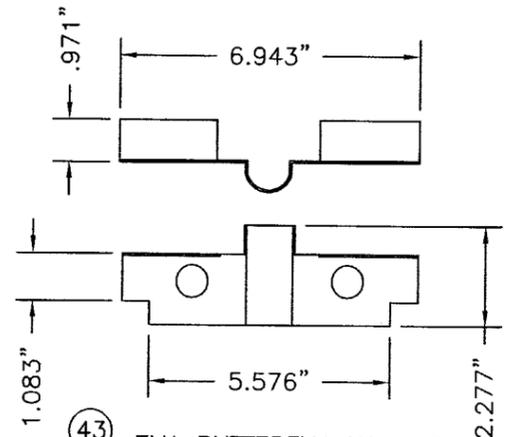
45 WOOD/METAL STUD ANCHOR
BENCHMARKMF.042" MIN. STEEL



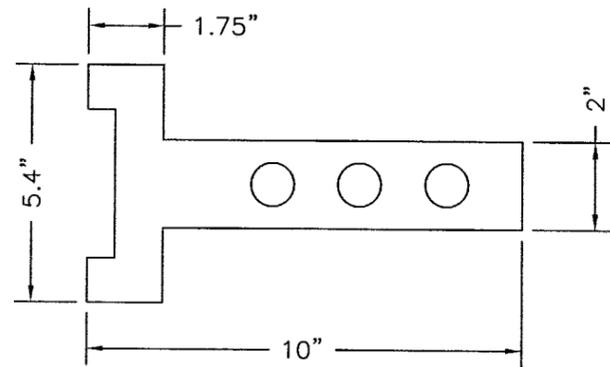
41 MASONRY WIRE ANCHOR
BENCHMARKMF .185" MIN. STEEL



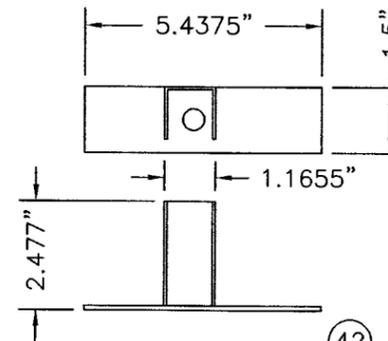
14 SURFACE MOUNTED DOOR BOTTOM SWEEP
NATIONAL GUARD PRODUCTS #200NA



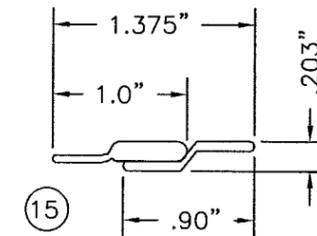
43 EMA BUTTERFLY ANCHOR
BENCHMARKMF .048" MIN. STEEL



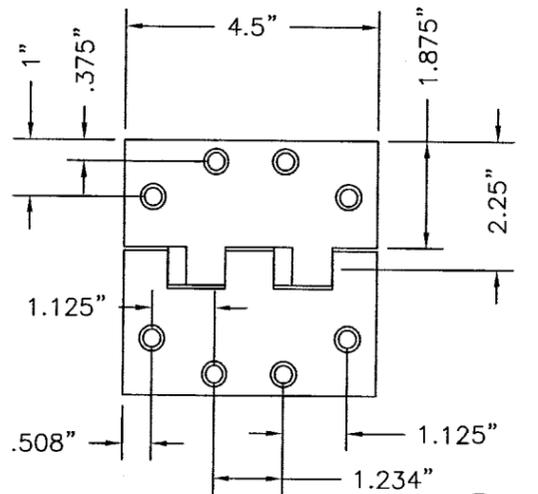
40 MASONRY 'TEE' ANCHOR
.058" MIN. STEEL



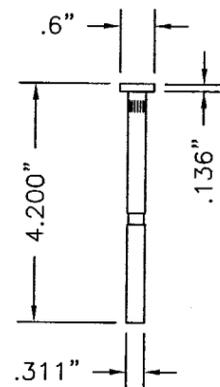
42 EMA WELDED ANCHOR
BENCHMARKMF .058" MIN. STEEL



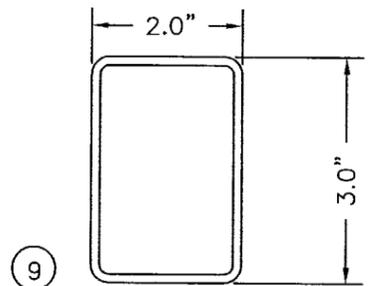
15 SURFACE MOUNTED FRAME WEATHERSTRIP
NATIONAL GUARD PRODUCTS #125NA



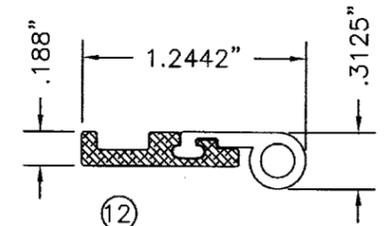
10 4 1/2" TEMPLATE HINGE
BY HAGER .130" THK. STEEL



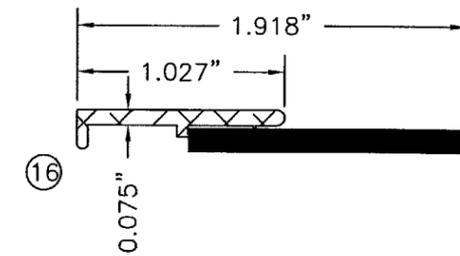
HINGE PIN



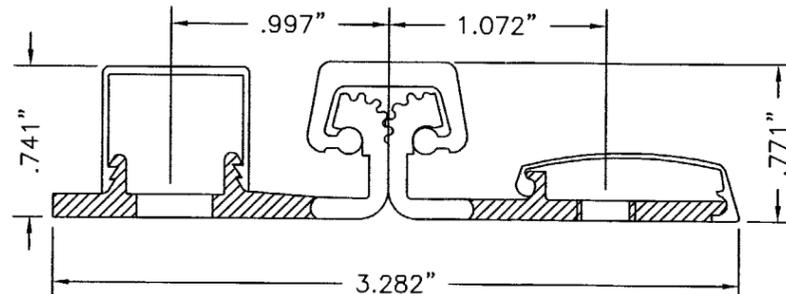
9 DORMA F1300 FIRE MULLION
2" x 3" x .116" THK. STEEL



12 SURFACE MOUNTED FRAME WEATHERSTRIP
NATIONAL GUARD PRODUCTS #130NA



16 SURFACE MOUNTED DOOR BOTTOM SWEEP
PEMCO #321CN49



11 CONTINUOUS STEEL ROTON HINGE BY HAGER

Approved as complying with the
Florida Building Code
Date 08/26/04
NOA# 03-0416.01
Miami Dade Product Control
Division
By *[Signature]*

Product Approval Documents Prepared By:

RW BUILDING CONSULTANTS, INC.

P.O. Box 230 Vairico FL 33595

Phone No.: 813.659.9197

Florida Board of Professional Engineers

Certificate of Authorization No. 9817

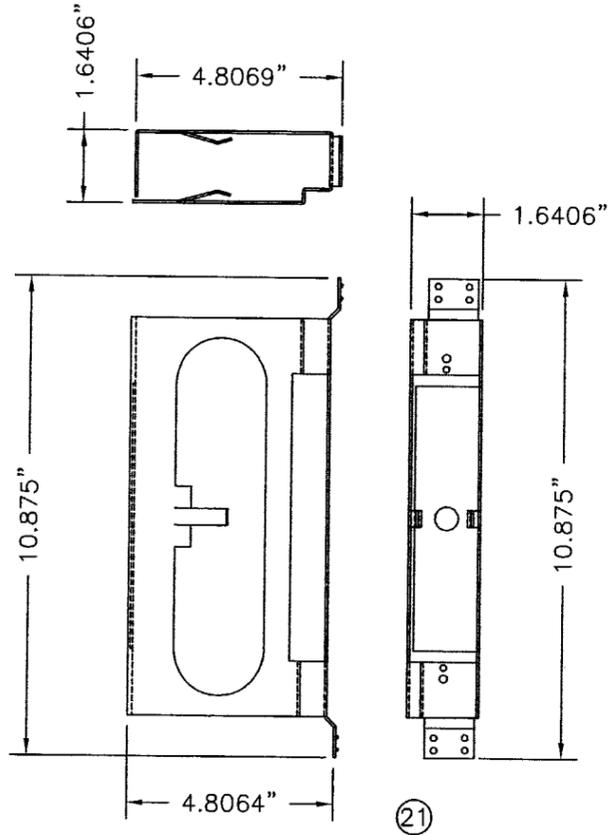
[Signature] Wendell W. Hgney, P.E. No. 54148

PRODUCT: OUTSWING DOUBL
6'0 x 7'2 COMMERCIAL
STEEL DOOR IN A H.M.F.
PART OR ASSEMBLY:
UNIT COMPONENTS

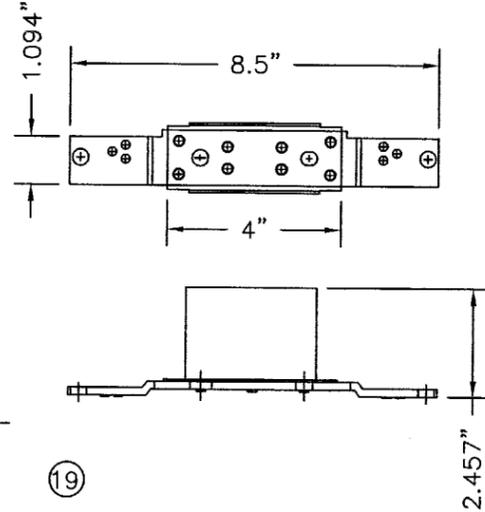
NO.	DATE	BY	REVISIONS
2	7/21/04	EW	REV. ANCHORS, SHT 9, PER DADE
1	10/7/03	TJH	PER DADE LETTER

DATE: 8/12/03
SCALE: N.T.S.
DWG. BY: ROF
CHK. BY: TJH
DRAWING NO.: S-2345
SHEET 11 OF 12

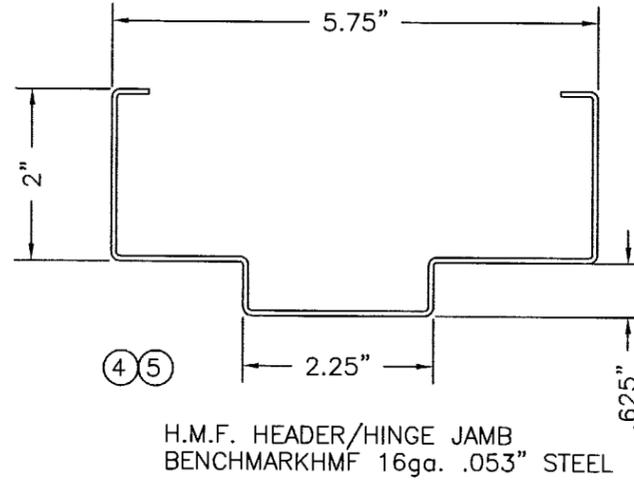
\\Server\DATA\Active Projects\pf185\Double Door\S-2345-R2-7-21-04\S-2345-12.dwg



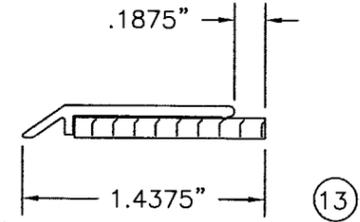
DAYTON MORTISE LOCK REINFORCEMENT
BENCHMARKHM 18ga. STEEL



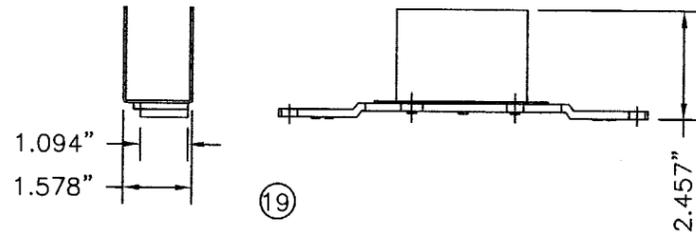
2PART STEEL DOOR HINGE REIN.
BENCHMARKHM 16ga./7ga. STEEL



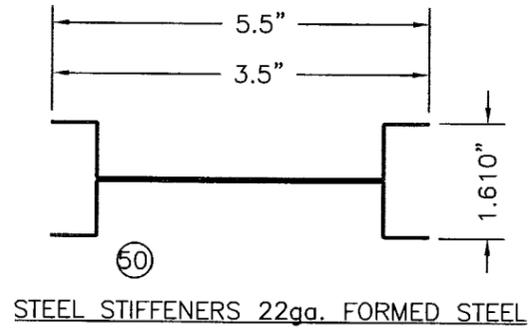
H.M.F. HEADER/HINGE JAMB
BENCHMARKHM 16ga. .053" STEEL



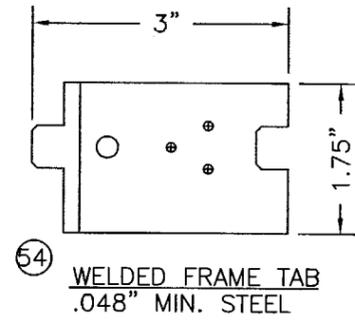
SURFACE MOUNTED FRAME
WEATHERSTRIP
NATIONAL GUARD PRODUCTS
#130NA



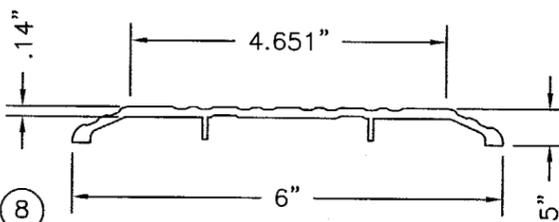
PANIC THRESHOLD NATIONAL GUARD #896N
.125" EXTRUDED ALUM.



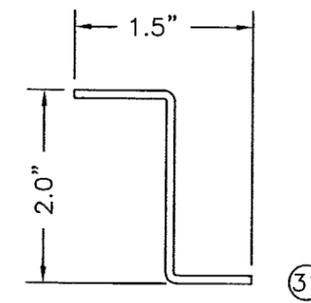
STEEL STIFFENERS 22ga. FORMED STEEL



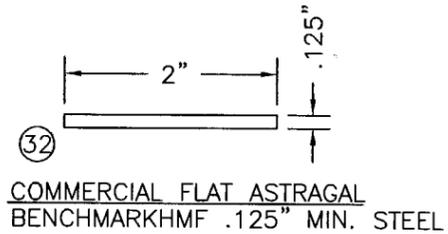
WELDED FRAME TAB
.048" MIN. STEEL



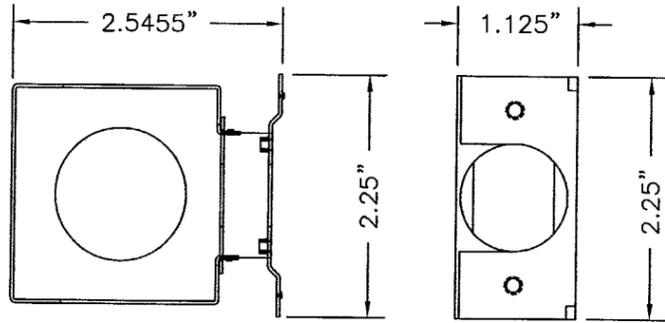
ADA PASS OVER THRESHOLD
BY HAGER #415S .140" THK. ALUM.



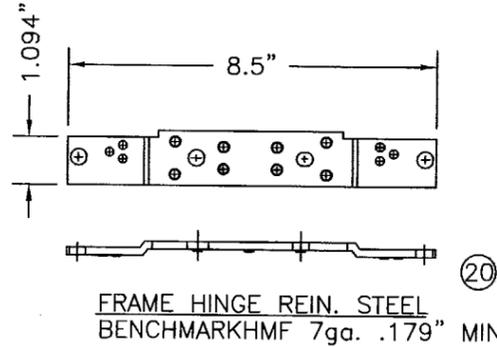
COMMERCIAL Z-ASTRAGAL
BENCHMARKHM 16ga. STEEL



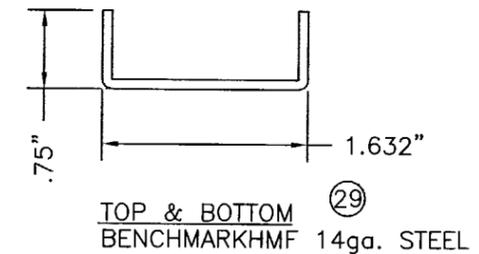
COMMERCIAL FLAT ASTRAGAL
BENCHMARKHM .125" MIN. STEEL



2PART 161 REINFORCEMENT
BENCHMARKHM 16ga. STEEL



FRAME HINGE REIN. STEEL
BENCHMARKHM 7ga. .179" MIN.



TOP & BOTTOM
BENCHMARKHM 14ga. STEEL

Approved as complying with the
Florida Building Code
Date 08/26/04
NOA# 03-0916-01
Miami Dade Product Control
Division
By *[Signature]*

Product Approval Documents Prepared By: RW BUILDING CONSULTANTS, INC. P.O. Box 230 Valrico FL 33595 Phone No.: 813.669.9197 Florida Board of Professional Engineers Certificate of Authorization No. 9813 <i>[Signature]</i> Wendell W. Haney, P.E. No. 54148	
PRODUCT: OUTSWING DOUBL 6'0 x 7'2 COMMERCIAL STEEL DOOR IN A H.M.F.	UNIT COMPONENTS
NO.	DATE
2	7/21/04 REV. ANCHORS, SHT 9, PER DADE LEW
1	10/7/03 PER DADE LETTER
	TJH
	BY
REVISIONS	
DATE:	8/12/03
SCALE:	N.T.S.
DWG. BY:	ROF
CHK. BY:	TJH
DRAWING NO.:	S-2345
SHEET	12 OF 12