



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)**

**The Select Security Screen Company, LTD**  
12200 Brook Park Road  
Cleveland, OH 44130

**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: "Hurricane Series 4000" Outswing Door Screen**

**APPROVAL DOCUMENT:** Drawing No. 03-1149-ura, titled "Hurricane Series 4000 Outswing Door", sheets 1 through 4 of 4, prepared by Frank L. Bennardo, P.E., dated October 27, 2003, last revised on December 11, 2003, signed and sealed by Frank L. Bennardo, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration 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 the 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 **revises & renews** NOA # 99-1001.03 & consists of this page 1, evidence submitted page(s) as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E.**



*Helmy A. Makar*  
12/25/03

NOA No 03-0718.02  
Expiration Date: 07/20/2008  
Approval Date: 12/25/2003

**The Select Security Screen Company, LTD**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 99-1001.02**

**A. DRAWINGS:**

1. *Drawing No. 99-61, titled "Hurricane Series 4000 Outswing Screen Door", prepared by RW Building Consultants, Inc., dated September 24, 1999, last revision #3 dated June 26, 2000, sheets 1 through 4 of 4, signed and sealed by Mark Fetherman, P.E.*

**B. TESTS:**

1. *Test report on Uniform Static Air Pressure Test Loading, per PA 202-94 (Air and Water infiltrations were not performed); Large Missile Impact Test, per PA 201-94; and Cyclic Loading Wind Pressure Test, PA 203-94 of Hurricane Series 4000 Outswing Screen Door, prepared by Certified Testing Laboratories, Test Report No. CTLA 452W, dated October 5, 1999, signed and sealed by Ramesh Patel, P.E.*

**C. CALCULATIONS:**

1. *Anchor analysis and calculations, dated 10/02/99, Pages 1 through 4 of 4, prepared by Mark Fetherman, P.E., signed and sealed by Mark Fetherman, P.E.*

**D. MATERIAL CERTIFICATION:**

1. *Mill Certified Inspection Report, dated August 18, 2000, issued by S.G. Wire Cloth co., LTD.*
2. *Tensile Test Report No. CTLA 452W, 0.028" Steel Wire, prepared by Certified Testing Laboratories, dated 10/04/99, signed and sealed by Ramesh Patel, P.E.*

**2. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS:**

1. *Drawing No. 03-1149-ura, titled "Hurricane Series 4000 Outswing Door", sheets 1 through 4 of 4, prepared by Frank L. Bennardo, P.E., dated October 27, 2003, last revised on December 11, 2003, signed and sealed by Frank L. Bennardo, P.E.*

**B. TESTS:**

1. *None.*

**C. CALCULATIONS:**

1. *Load calculation and Anchor analysis, 10 pages, dated October 27, 2003, prepared by Frank L. Bennardo, P.E., signed and sealed by Frank L. Bennardo, P.E.*



Helmy A. Makar, P. E.  
Product Control Examiner  
NOA No 03-0718.02  
Expiration Date: 07/20/2008  
Approval Date: 12/25/2003

**The Select Security Screen Company, LTD**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

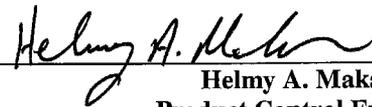
2. *Load calculation and Anchor analysis, 1 page, dated October 27, 2003, prepared by Frank L. Bennardo, P.E., signed and sealed by Frank L. Bennardo, P.E.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Building Code Compliance Office.*

**E. MATERIAL CERTIFICATIONS**

1. *None.*



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Product Control Examiner  
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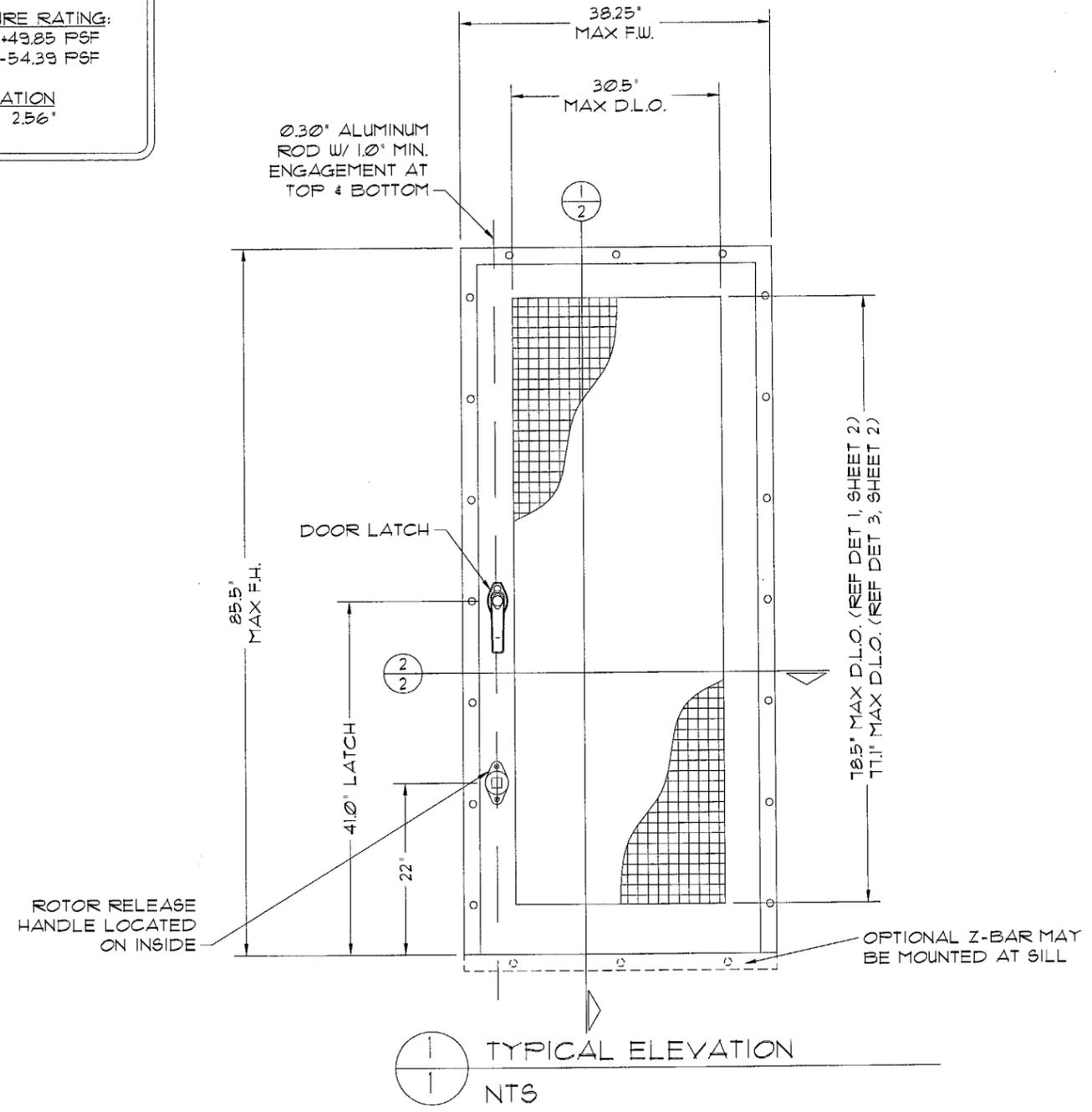
**THE SELECT SECURITY  
SCREEN CO, Inc.**  
HURRICANE SERIES 4000 OUTSWING DOOR  
LARGE-MISSILE IMPACT RESISTANT SYSTEM

**GENERAL NOTES:**

1. THE SCREEN DOOR SYSTEM DESCRIBED HEREIN HAS BEEN DESIGNED AND TESTED IN COMPLIANCE WITH THE FLORIDA BUILDING CODE 2001, HIGH VELOCITY HURRICANE ZONES, AND PROTOCOLS TAS 201, 202 & 203.
2. A 33-1/3% INCREASE IN ALLOWABLE LOADS HAS BEEN USED IN THE DESIGN OF THE ANCHORS USED WITH THIS SCREEN DOOR ANCHORS.
3. POSITIVE AND NEGATIVE DESIGN PRESSURES SHALL BE CALCULATED IN ACCORDANCE WITH THE GOVERNING CODE.
4. MULTIPLE UNITS SHALL BE INSTALLED USING MIAMI-DADE COUNTY BCCO-APPROVED ALUMINUM (1/8" MIN FLANGE THICKNESS) STRUCTURAL MULLIONS (e.g. NOA #01-1218.01 OR #01-1218.02). MULLIONS SHALL MEET ALL APPLICABLE IMPACT & WINDLOAD CRITERIA, AND SHALL BE INSTALLED PER RESPECTIVE NOTICE OF ACCEPTANCE.
5. THE DOOR SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS & APPLY FOR ONE-TIME APPROVAL FOR USE IN CONJUNCTION WITH THIS DOCUMENT.
6. PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS.
7. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN IN DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
8. FRAME CONSTRUCTION: EXTRUDED ALUMINUM FRAME. CORNERS ARE NOTCHED, & BUTT-JOINED USING (1) #2x3/4" SMS AT EACH CORNER. FRAME CONTAINS (4) CONCEALED HINGED WITH SELF-LUBRICATING BRASS BUSHINGS INTEGRALLY LOCKED INTO THE Z-BAR JAMB-HINGE (ITEM #11).
9. PANEL CONSTRUCTION: THE SCREEN PANEL IS HIGH-TENSILE 304 STAINLESS STEEL. STRANDS ARE 0.028" DIAM, LAID OUT (12) STRANDS BY (12) STRANDS PER SQUARE INCH. SCREEN IS ATTACHED TO AN EXTRUDED ALUMINUM PANEL FRAME WITH MITER-CUT CORNERS, BUTTED, WELDED, & GROUND FLUSH. A LOCKING ROD SUPPORT IS SLID INTO THE FRAME HEAD (LATCH SIDE) AND SECURED WITH (1) #8x1/2" TEK SCREW.

DESIGN PRESSURE RATING:  
POSITIVE +49.85 PSF  
NEGATIVE -54.39 PSF

MINIMUM SEPARATION  
FROM GLASS: 2.56"



TYPICAL ELEVATION  
NTS

**HARDWARE:**

- (2) #150 PNEUMATIC DOOR CLOSER BY WRIGHT PRODUCTS (ITEM #9)
- THREE-POINT LOCK ASSEMBLY CONSISTING OF:
  - (1) #C444N-3 DOOR LATCH AT 41" FROM BOTTOM BY WRIGHT PRODUCTS (ITEM #16)
  - (1) #444N STRIKE PLATE SECURED WITH (2) #10x3" PFH WS
  - (1) #X861201 ROTOR ASSEMBLY LOCATED INSIDE LATCH STYLE (ITEM #18)
  - (1) #X861131 ROTOR RELEASE HANDLE LOCATED AT 22" FROM BOTTOM (ITEM #17)
- REINFORCEMENT: WOOD SHIMS ARE PLACED AT THE THREE POINTS OF LOCK ENGAGEMENTS AND HINGES.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	GENERAL NOTES & TYPICAL ELEVATIONS
2	HORIZ & VERT CROSS SECTIONS
3	ANCHOR LOCATIONS & BILL OF MATERIALS
4	DOOR HARDWARE COMPONENTS

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 03-0718.02  
Expiration Date 07/20/2008

By *Heung A. Mak*  
Miami Dade Product Control  
Division

DEC 11 2003  
FRANK L. BENNARDO, P.E.  
PE0046949

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CONSULTING ENGINEER  
4441 NORTH DIXIE HIGHWAY  
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**THE SELECT SECURITY  
SCREEN CO, LTD**  
12200 BROOK PARK ROAD  
CLEVELAND, OH 44130

HURRICANE SERIES 4000  
OUTSWING DOOR

REVISIONS	
DESCRIPTION	DATE
COUNTY COMMENTS	10/31/2003
COUNTY COMMENTS	11/9/2003
CO. NAME	12/8/2003
CO. NAME ('THE')	12/11/2003

SCALE: N.T.S.  
DRAWN BY: CL  
CHECKED BY: FLB  
PRINT DATE: 10/21/2003  
DWG #: 03-1149-URa

SHEET:  
1 OF 4

DEC 11 2003

FRANK L. BENNARDO, P.E.  
PE0046343

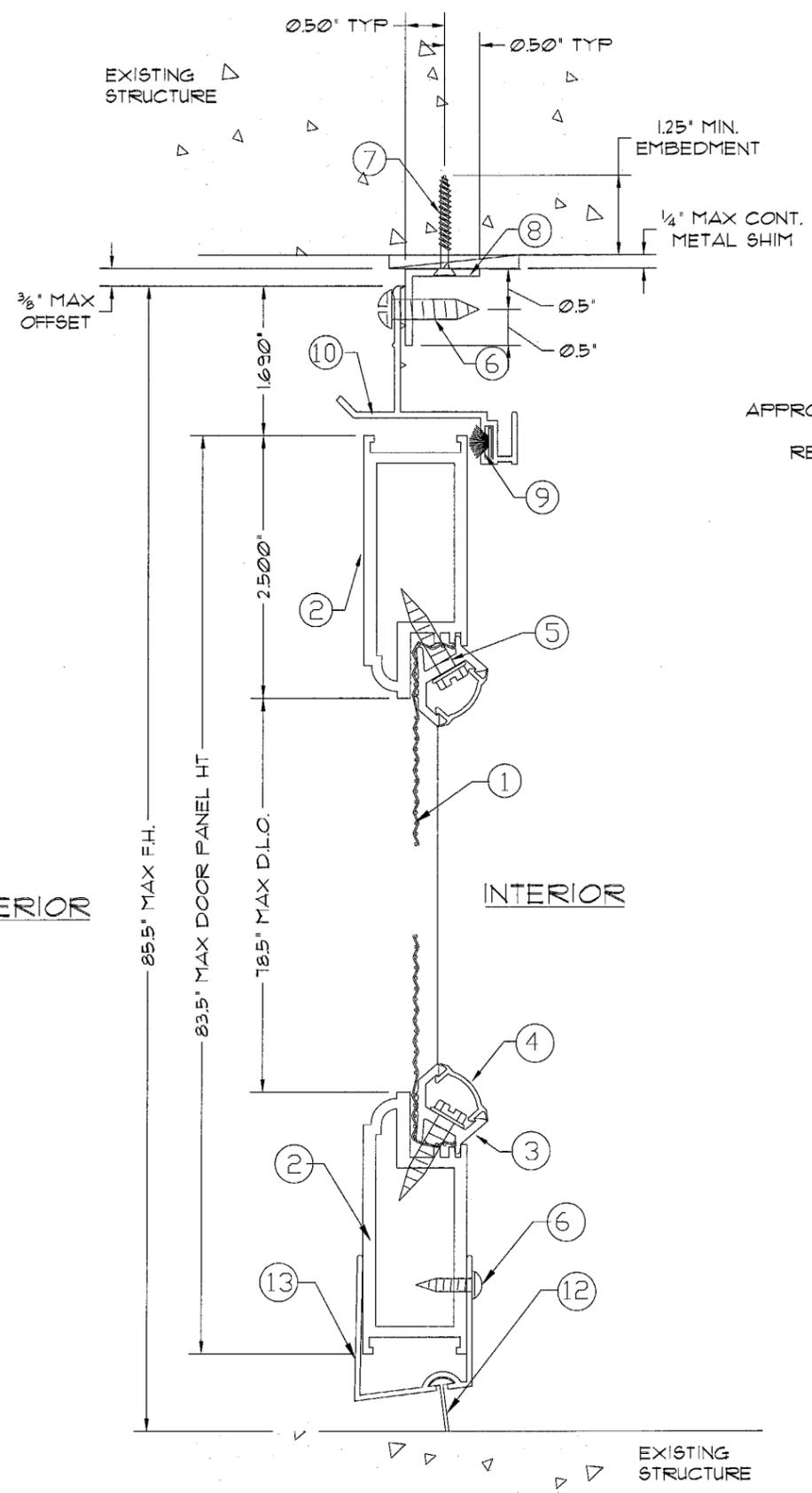
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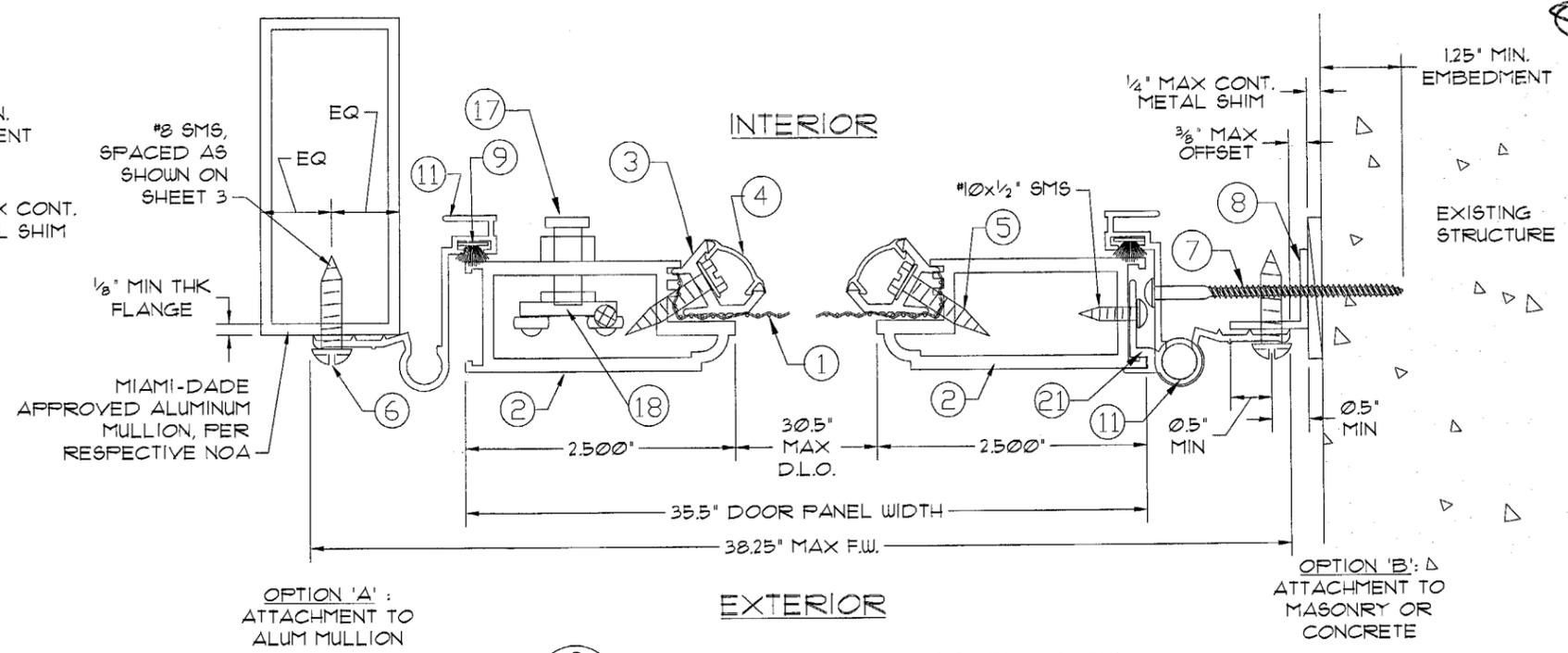
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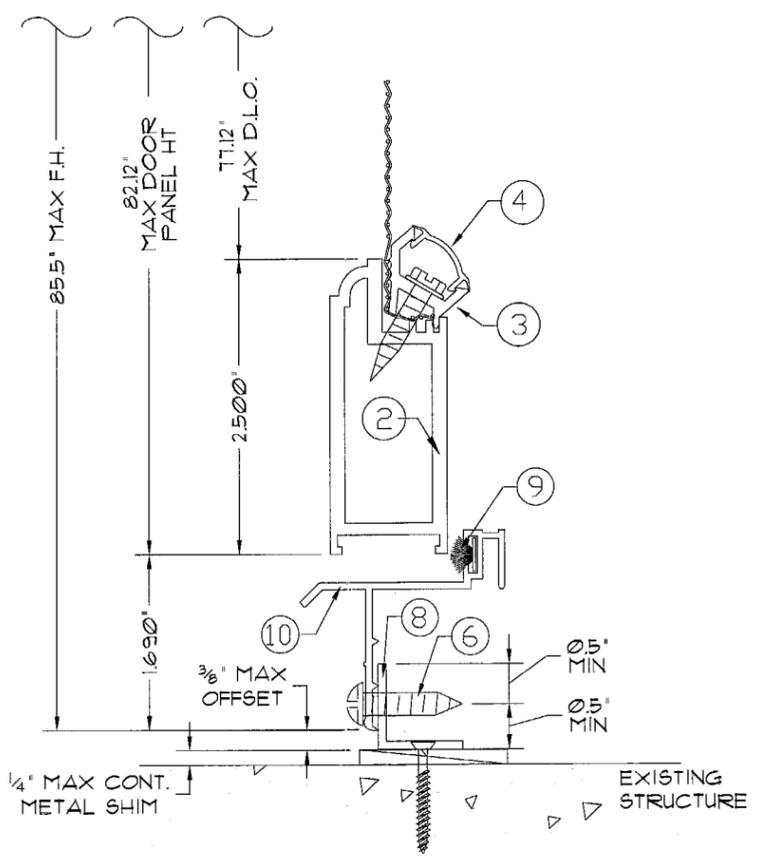
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2 OF 4



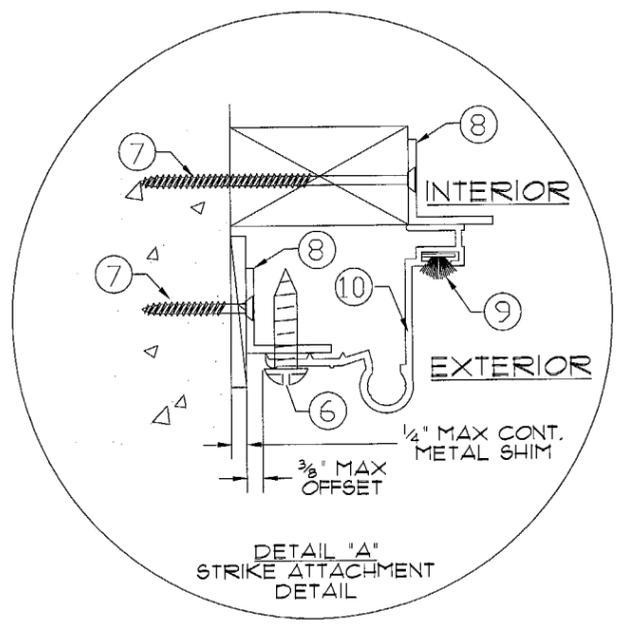
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2 HORIZONTAL CROSS SECTION  
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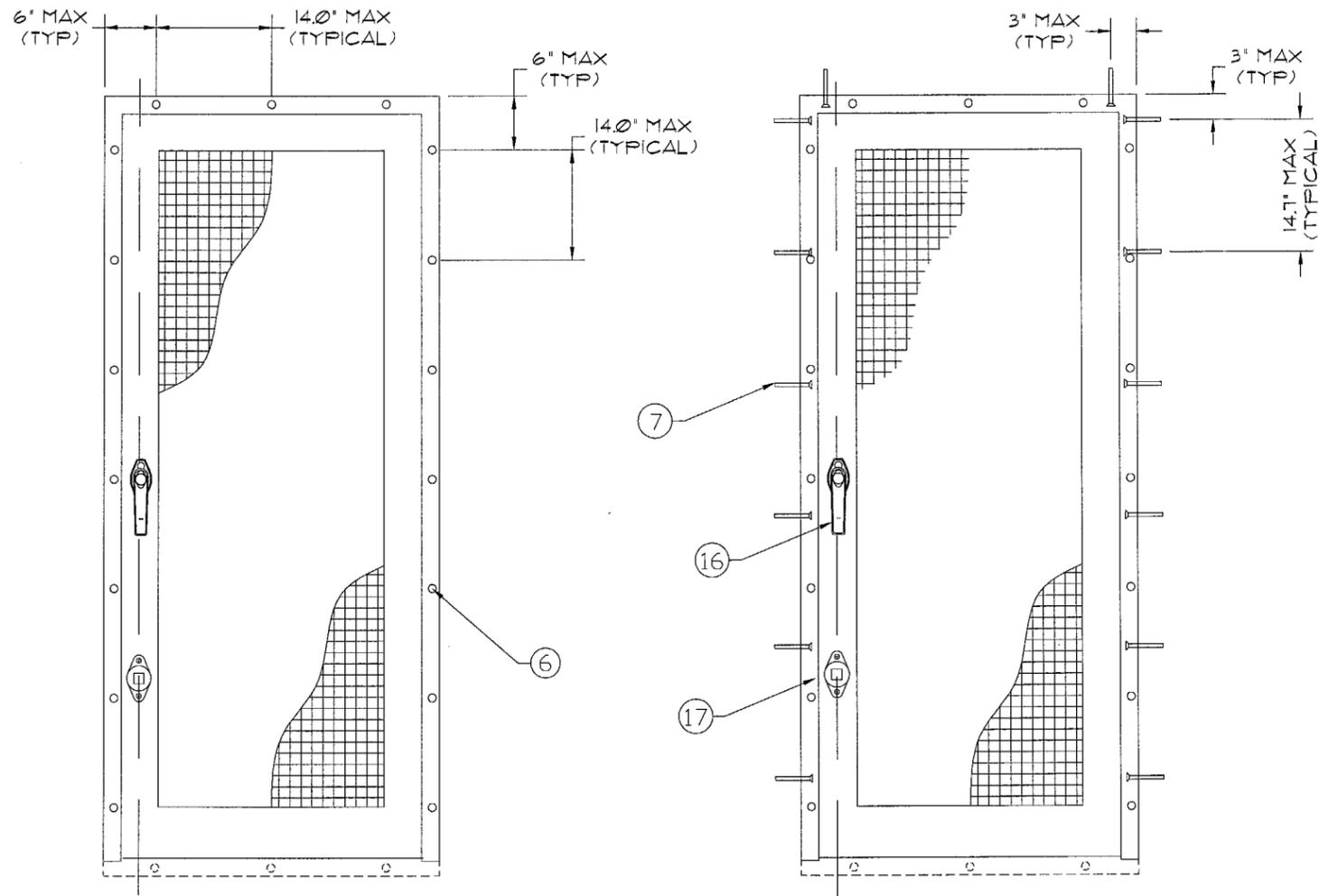
3 ALTERNATE SILL ATTACHMENT DETAIL  
2 NTS



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By *Helmut A. Miller*  
Miami Dade Product Control  
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# BILL OF MATERIALS



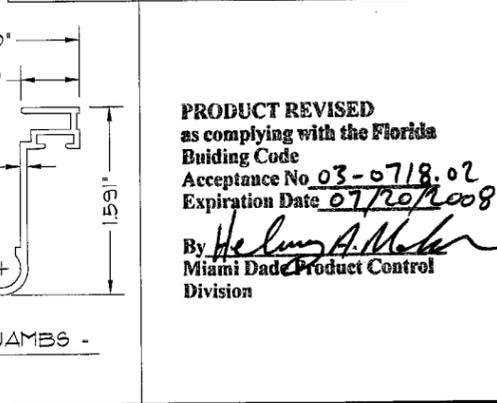
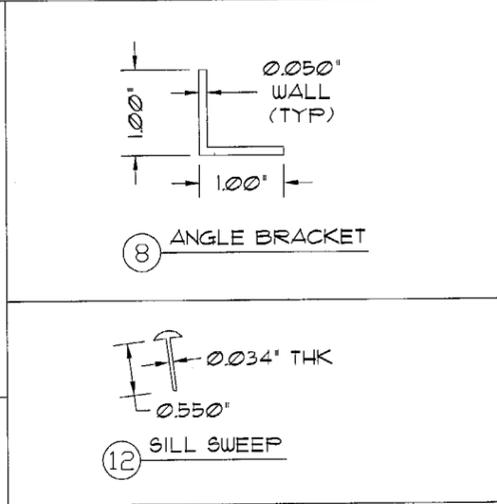
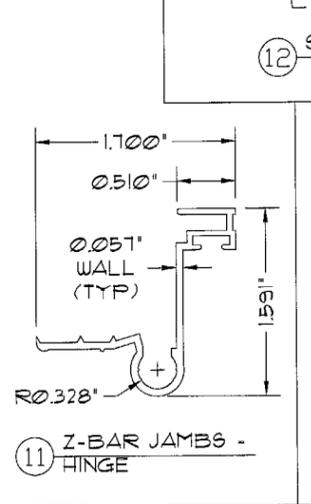
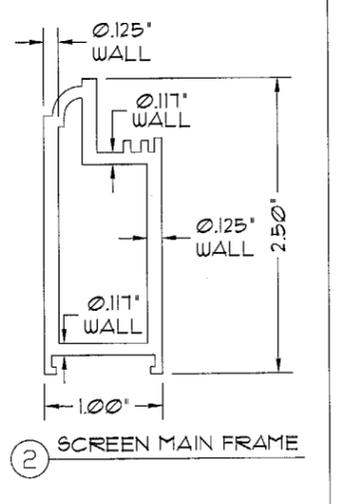
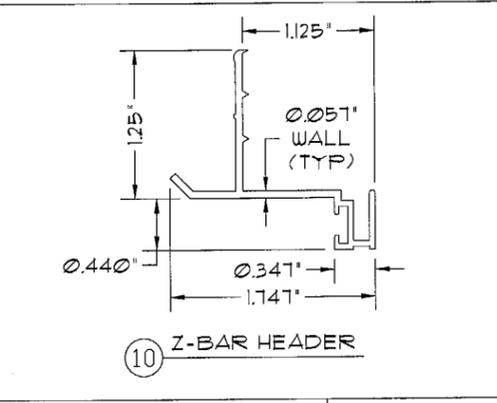
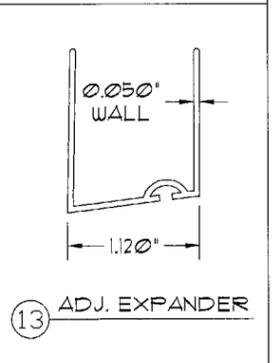
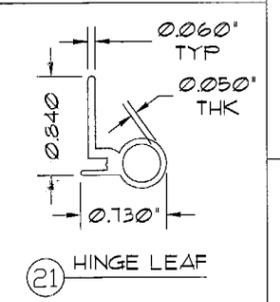
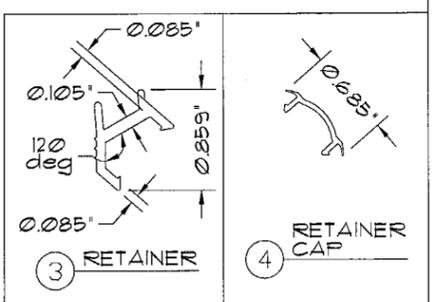
1  
3  
DOOR ATTACHMENT TO ANGLE BRACKET OR TO ALUM MULLION

2  
3  
DOOR ATTACHMENT TO MASONRY OR CONCRETE

ITEM	DESCRIPTION	MATERIAL
1	WIRE MESH	304 STAINLESS STEEL
2	SCREEN MAIN FRAME	6063-T5 ALUMINUM
3	RETAINER	6063-T5 ALUMINUM
4	RETAINER CAP	RIGIO PVC
5	#12 X 1" HEX HEAD SMS	REF NOTE 3 BELOW
6	#8 X 1/2" TEKS SCREW	
7	3/16" TAPCON ANCHOR	ELCO OR ITW
8	1"x1"x.050" ANGLE BRACKET	EXT. ALUMINUM 6063-T6
9	WEATHER SEAL	SEE NOTE 4 BELOW
10	Z-BAR HEADER	6063-T6 ALUMINUM
11	Z BAR JAMB - HINGE	6063-T6 ALUMINUM
12	DOOR SWEEP	VINYL
13	ADJUSTABLE EXPANDER	6063-T6 ALUMINUM
14	LOCKING HANDLE	
15	#8 X 1/2" TEK WH SCREW	
16	LATCH HANDLE	Wright Prod C444N-3
17	ROTOR RELEASE HANDLE	Wright Prod X861131
18	ROTOR ASSEMBLY	Wright Prod X861201
19	PNEUMATIC DOOR CLOSER	Wright Prod #150
20	ROD SUPPORT	6063-T6 ALUMINUM
21	HINGE LEAF	6063-T5 ALUMINUM

### NOTES:

- USE #8x1/2" TEK SCREWS TO SECURE SCREEN MAIN FRAME TO ANGLE BRACKET (ITEM #8) OR TO ALUM MULLION.
- USE 3/16" TAPCON ANCHOR WITH MIN. 1.25" EMBEDMENT TO SECURE ANGLE BRACKET (ITEM #8) TO MASONRY OR CONCRETE.
- #12x1" HEX HEAD SMS (ITEM #5) AT 2" FROM EACH CORNER & 4" O.C. CONTINUOUS AROUND PERIMETER TO SECURE RETAINER (ITEM #3) TO SCREEN MAIN FRAME (ITEM #2).
- POLY-BACKED WOOL PYLE 0.027"x0.25" HIGH.



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 Miami Dade Product Control  
 Division

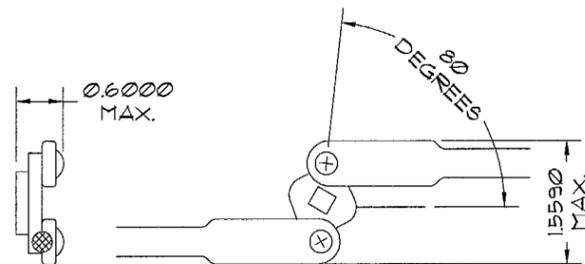
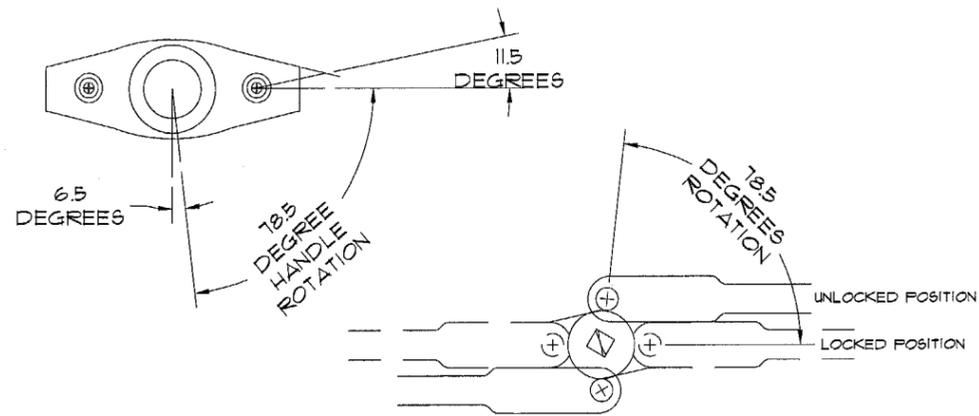
**THE SELECT SECURITY  
 SCREEN CO, LTD**  
 12200 BROOK PARK ROAD  
 CLEVELAND, OH 44130  
 HURRICANE SERIES 4000  
 OUTSWING DOOR

REVISIONS	
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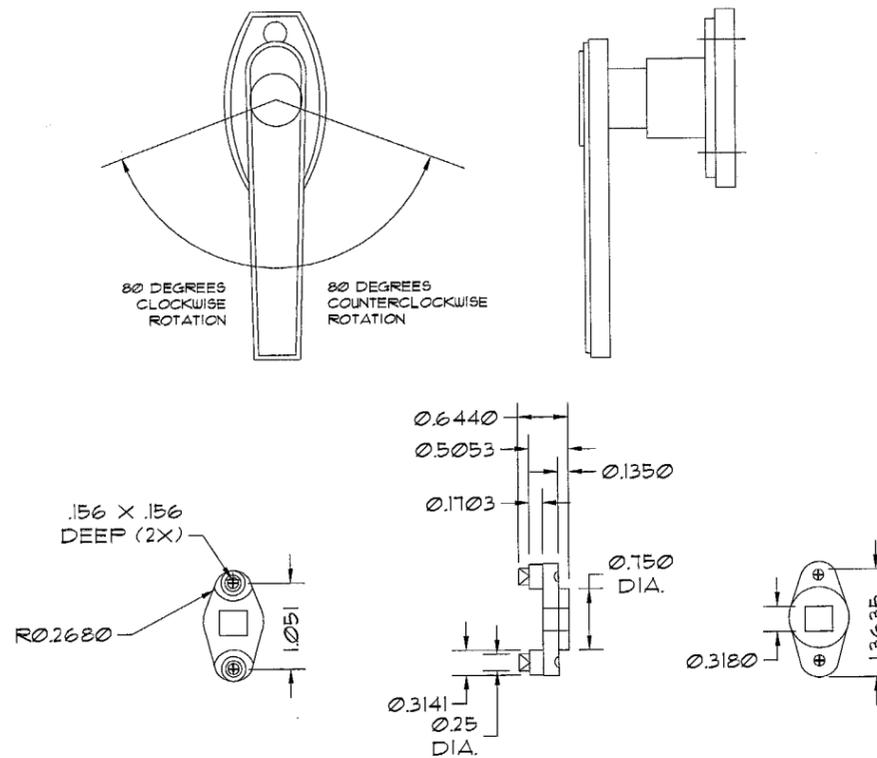
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SHEET:  
 3 OF 4

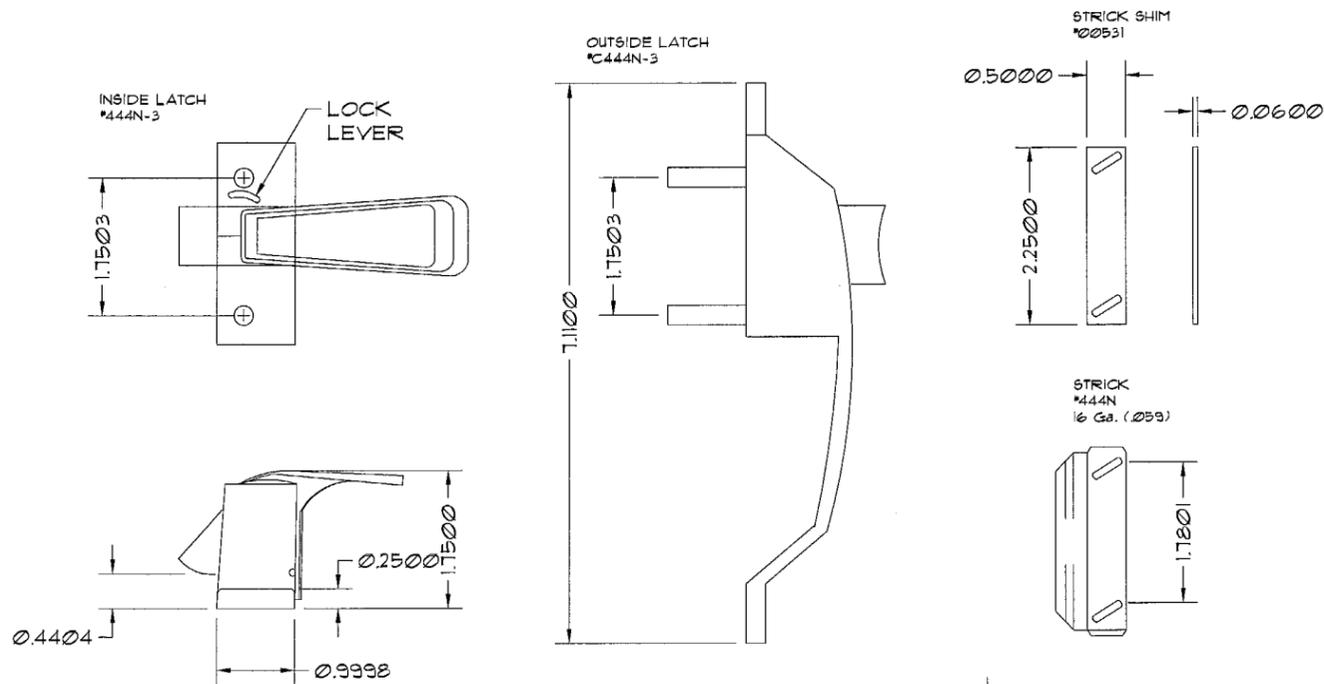
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 FRANK L. BERNARDO, P.E.  
 FE0046549  
 CONSULTING ENGINEER  
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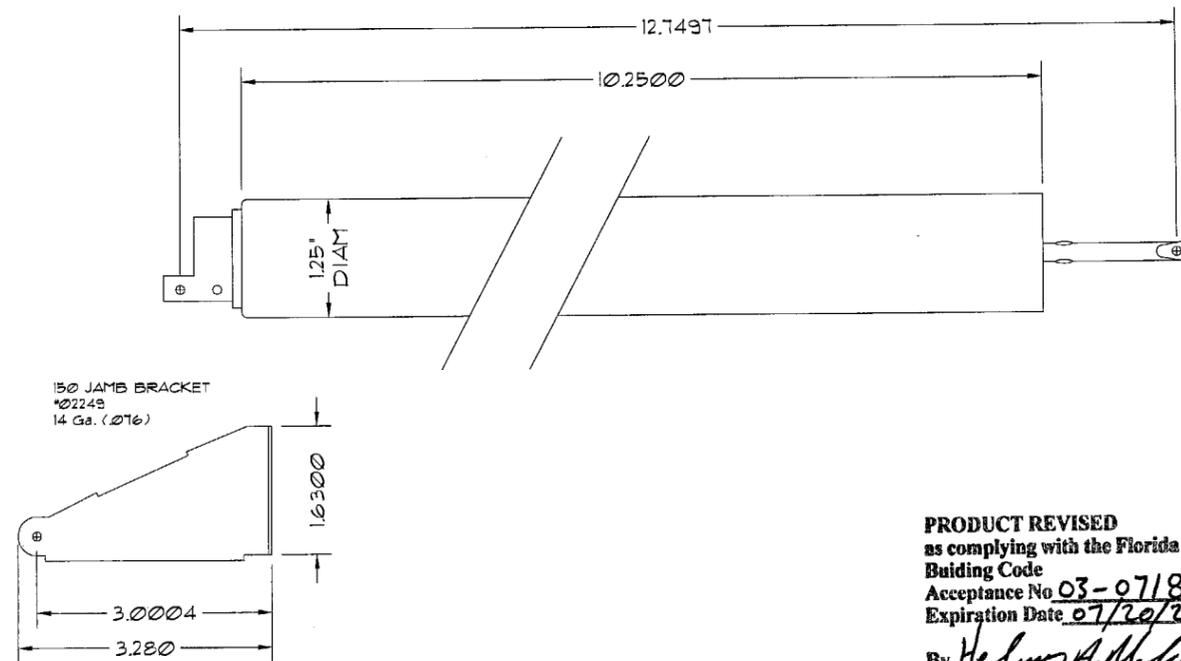
1 ROTOR ASSEMBLY  
4 ITEM #13



2 LOCKING HANDLE ASSEMBLY  
4 ITEM #14



3 LATCH HARDWARE HEAVY DUTY  
4 ITEM #16



4 PNEUMATIC DOOR CLOSURE  
4 ITEM #19

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DES 11-2003