



MIAMI-DADE COUNTY
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

www.miamidade.gov

NOTICE OF ACCEPTANCE (NOA)

Protech Screen, Inc.
2425 Roy Road
Pearland, Texas 77501

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 "D" Operable Hurricane Screen

APPROVAL DOCUMENT: Drawing No. 06-119, titled " Series "D" Operable Hurricane Screen ", sheets 1 through 3 of 3, prepared by EngCo., Inc., dated April 17, 2006, signed & sealed by Pedro De Figueiredo, P.E., on May 10, 2006, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and the approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each panel 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 consists of this page 1, evidence submitted page E-1 as well as approval document mentioned above. The submitted documentation was reviewed by **Hejmy A. Makar, P.E., M.S.**



Hejmy A. Makar
 02/25/2009

NOA No. 06-0515.03
Expiration Date: 02/25/2014
Approval Date: 02/25/2009

Protech Screen, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 06-119, titled " Series "D" Operable Hurricane Screen ", sheets 1 through 3 of 3, prepared by EngCo., Inc., dated April 17, 2006, signed & sealed by Pedro De Figueiredo, P.E., on May 10, 2006.*

B. TESTS

1. *Test report on Large Missile Impact Test, Cyclic Wind Pressure Test and Uniform Static Air Pressure Test of "D" Series Operable Impact Screen, prepared by Construction Consulting Laboratory, International, Report No. CCLI-05-159, dated November 03, 2005, signed and sealed by Abdol Rezadad, P.E.*

C. CALCULATIONS

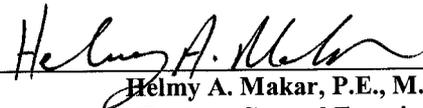
1. *Storm panel calculations and anchor analysis, 8 sheets, by Engco, Inc., signed and sealed by Pedro De Figueiredo, P.E., on May 10, 2006.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *Die Drawing numbers 2950, 7372, 9809, 3782, 05-159, 3493, & 3735.*



Helmy A. Makar, P.E., M.S.

Product Control Examiner

NOA No. 06-0515.03

Expiration Date: 02/25/2014

Approval Date: 02/25/2009

GENERAL NOTES:

1- DEFINITION: THIS PRODUCT IS A HURRICANE PANEL SCREEN, TESTED AND DESIGNED TO PROTECT A GLAZING OPENING, PROVIDING PROTECTION FROM LARGE MISSILE FLYING DEBRIS WITH THE ALLOWABLE DESIGNED PRESSURES AND SIZES STATED IN THIS APPROVAL.

2- CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2004 EDITION, 2005 SUPPLEMENT, INCLUDING THE HVHZ (HIGH VELOCITY HURRICANE ZONES).

3- LABELING: A PERMANENT LEGIBLE LABEL SHALL BE PLACED AT EACH MODULE AT A VISIBLE LOCATION STATING THE FOLLOWING:

*SERIES D OPERABLE SCREEN SHUTTER
 PROTECH SCREEN, INC. - PEARLAND - TEXAS
 MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED*

4- LOADS: WIND PRESSURE CALCULATIONS SHALL BE PERFORMED BY A PROFESSIONAL ARCHITECT OR ENGINEER IN ACCORDANCE WITH ASCE 7.

5- MATERIAL: ALL ALUMINUM COMPONENTS SHALL BE EXTRUDED SHAPES 6063-T5 OR AS NOTED.

6- FASTENERS: ASSEMBLY SCREWS AND ANCHORS SHALL BE AS SPECIFIED BY THE CURRENT SET OF DRAWINGS. INSTALLATION AND LOADS AS PER THIS APPROVAL.

7- HARDWARE:

7.1- MID POINT LOCK: WARTIAN 1850 ATTACHED BY TWO #6X1 3/4" SCREWS AND ONE #8X 1 1/2" TEK SCREWS AT BOTTOM OF HANDLE.

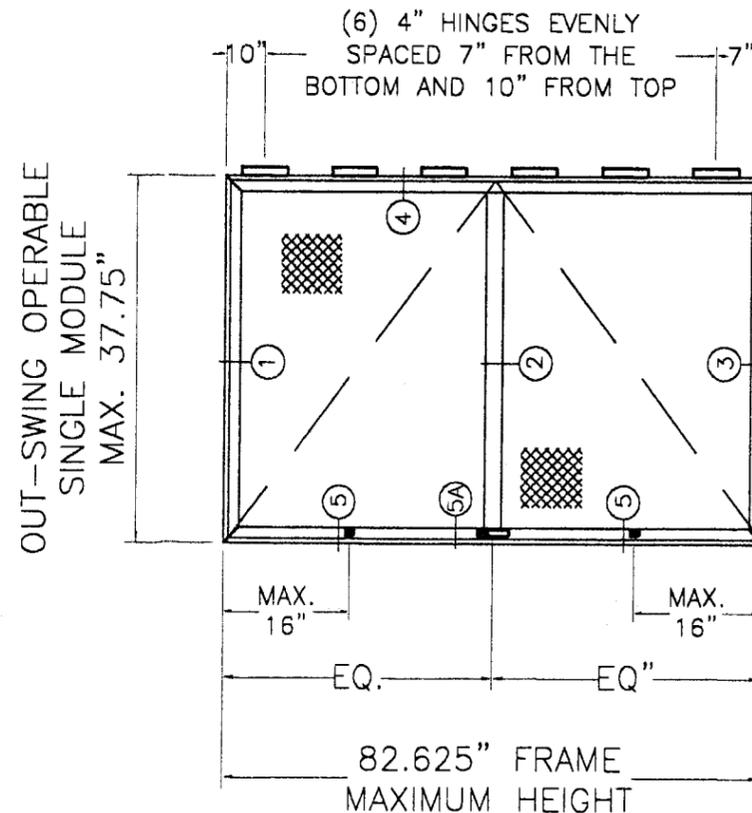
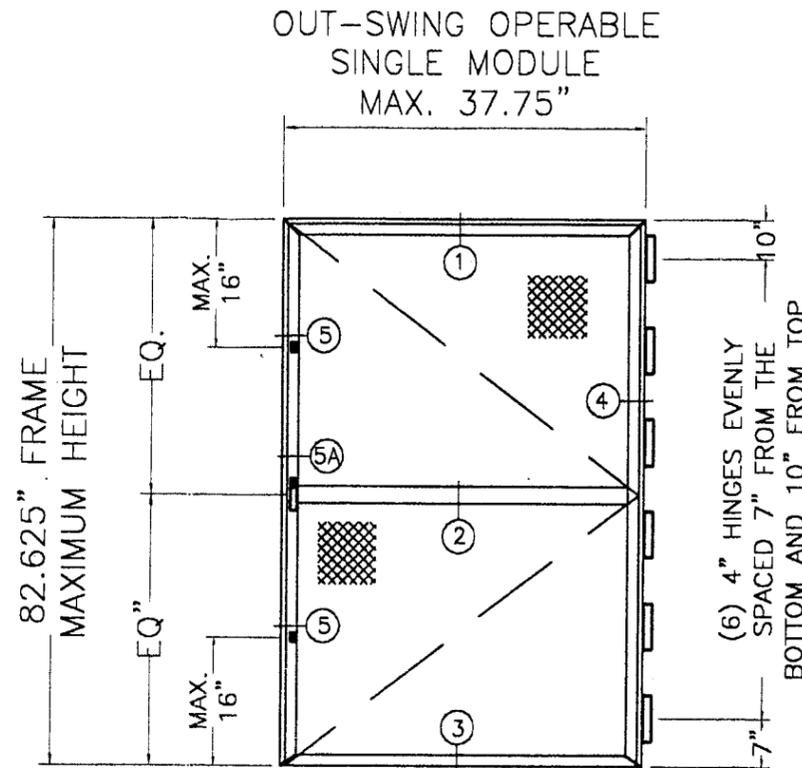
7.2- 16" FROM EACH ENDS: WARTIAN A116-117 DEAD BOLT LOCK ATTACHED BY TWO #6X2 1/2" SCREWS

NOTES:

- 1- PRODUCT CAN BE INSTALLED ROTATED.
- 2- #12X.028 - 40% POROSITY (SCREEN)

DESIGNED PRESSURES:

OPERABLE D SERIES - Pd= +69, -56 PSF



Approved as complying with the Florida Building Code
 Date 02/25/2009
 NOA# 06-0515-03
 Miami Dade Product Control
 Division
 By *Helmy A. M...*

Manufacturer:
Protech Screens, Inc.

2425 ROY ROAD
 PEARLAND - TEXAS
 Tel.: (281) 485 2300
 Fax.: (281) 485 8837

Product:
Series D Operable Hurricane Screen

Engineering:
EngCo Inc.

CA 8116
 6971 W. Sunrise Blvd. 104
 Plantation, Fl. 33313
 Tel.: (954) 585-0304
 Fax: (954) 585-0305

MAY 10 2006

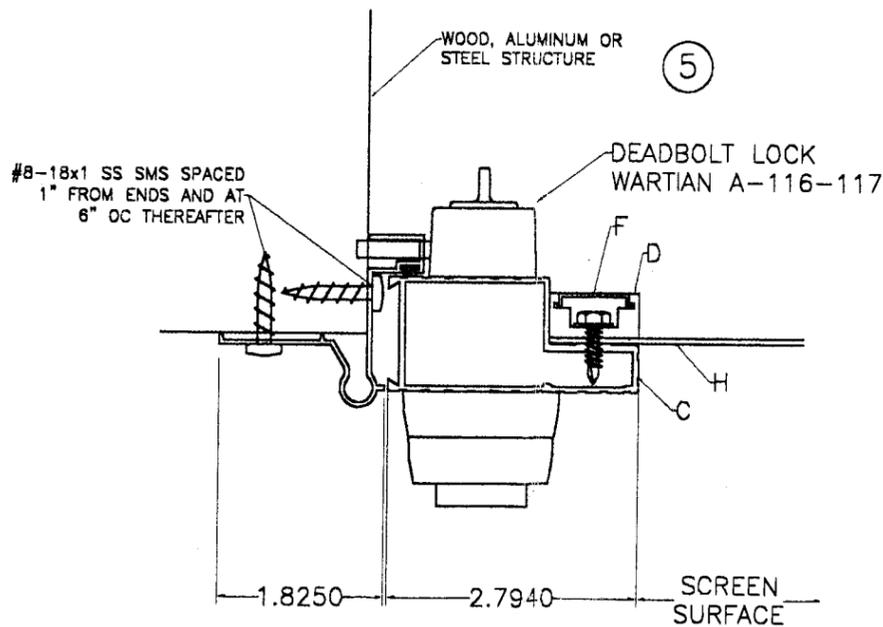
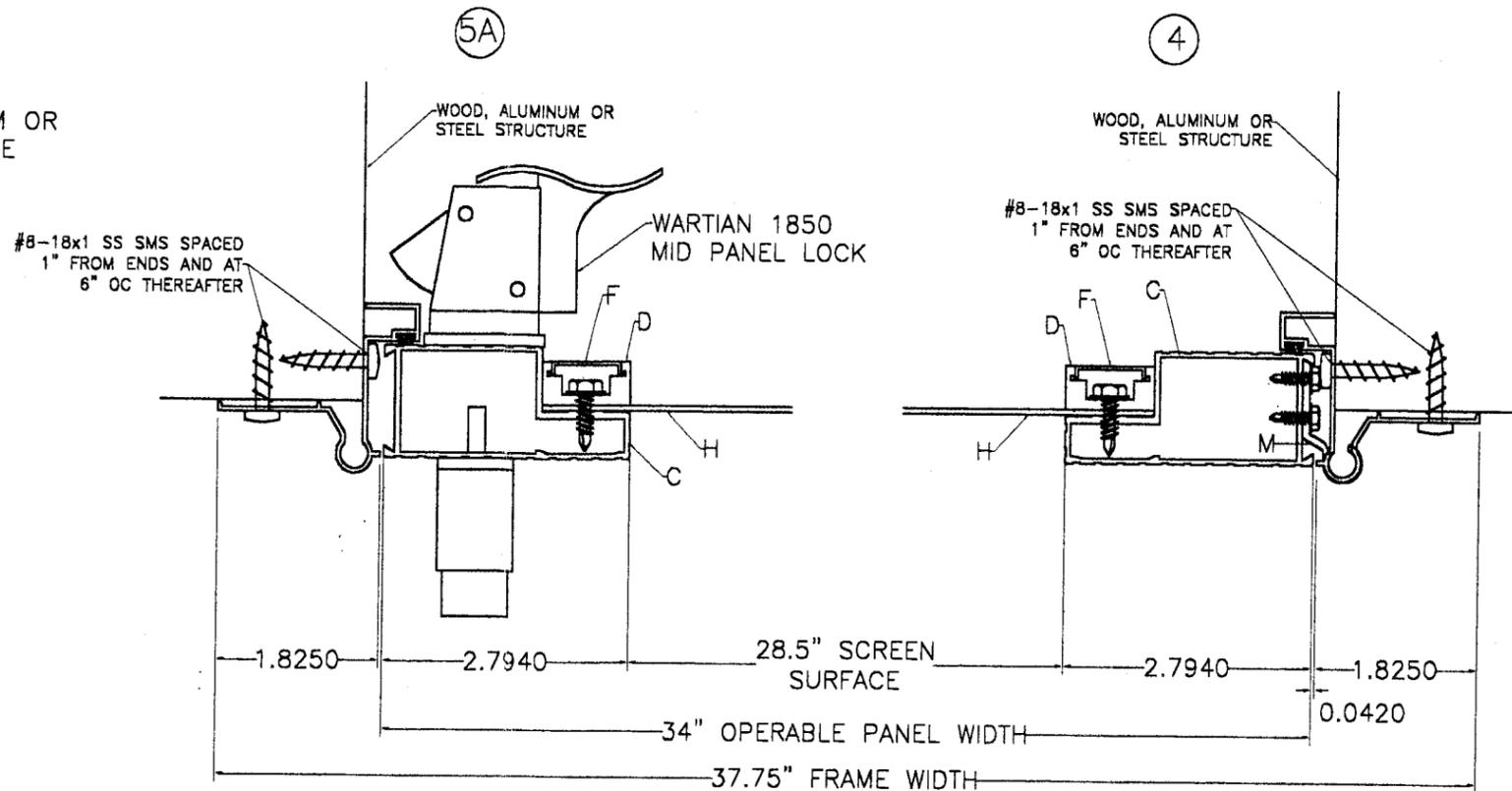
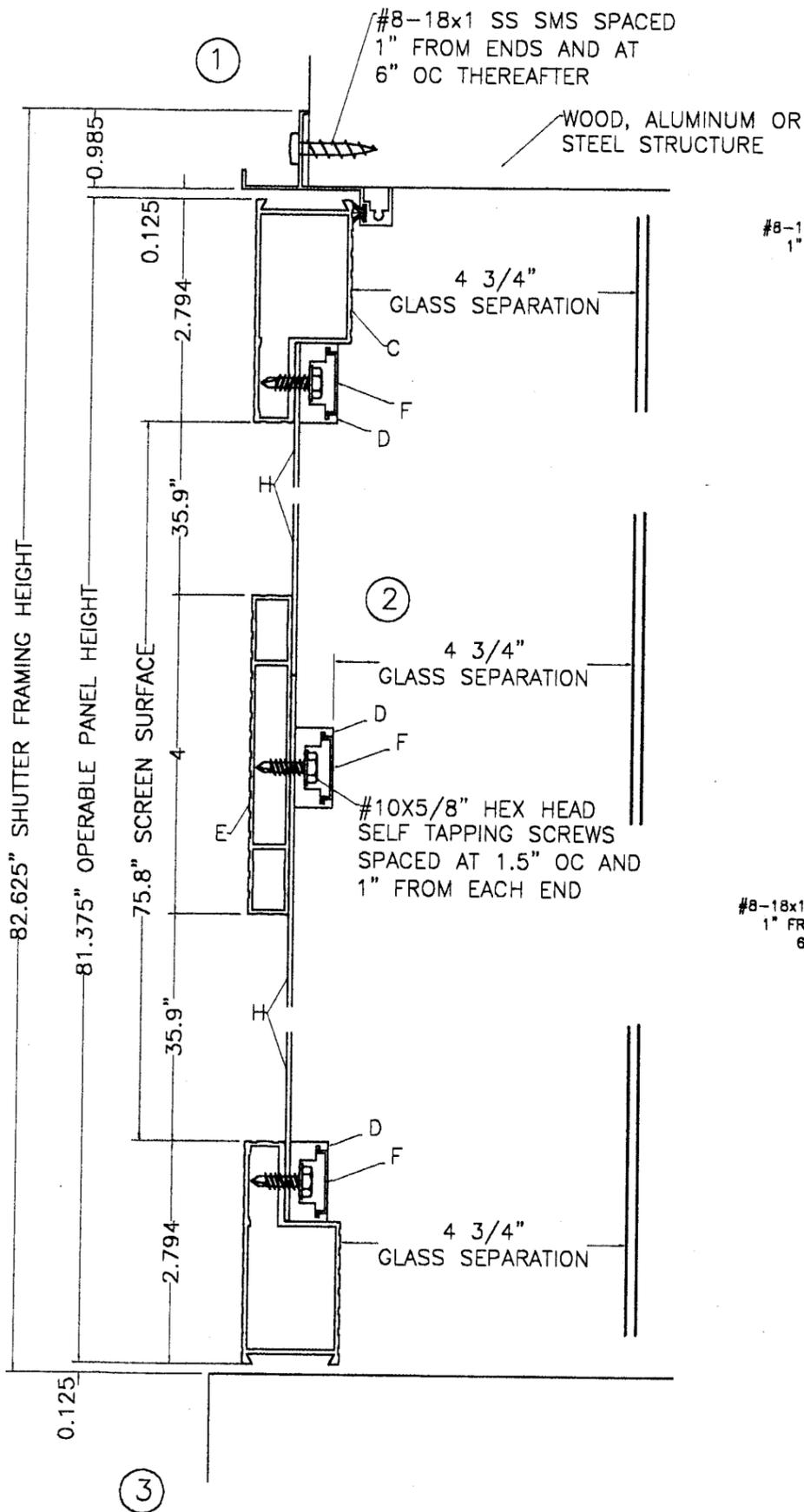
PEDRO DE FIGUEIREDO, PE
 PE 52609

DRAFTING:
PK DRAFTING & MORE

Date: 4/17/06
 Scale: na
 Design by: PPMF

Drawing Number
 06-119

Sheet
 1 of 3



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 Division
 By: *Helmy A. Mabr*

EDGE DISTANCE:	
SUBSTRATUM	EDGE DISTANCE
WOOD	5/8"
METAL	1/2"

ANCHORS:			
TYPE	DESCRIPTION	SUBSTRATUM	MIN. EMBED.
A	#8-18X1' SS SMS	1/8" METAL	1/8"
B	#8-18X1' SS SMS	WOOD WITH SG >= .55	7/8"

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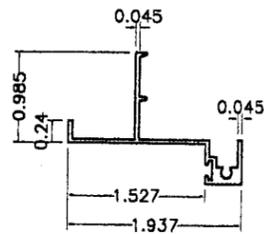
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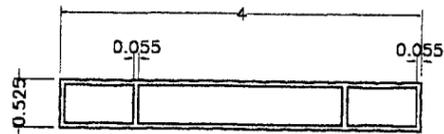
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 Scale: no
 Design by: PPMF

Drawing Number
06-119

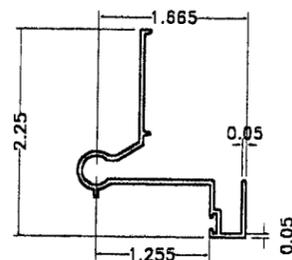
Sheet
 2 of 3



A- HEADER FRAMING
6063-T5



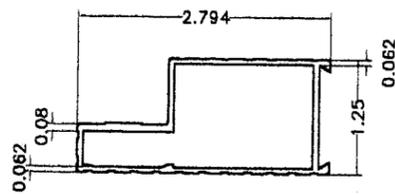
E- PUSH PLATE
6063-T5



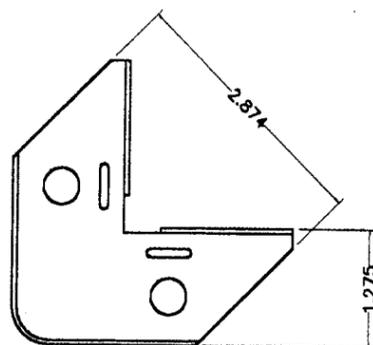
B- JAMB FRAMING
6063-T5



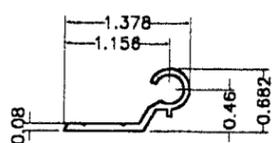
F- SCREW COVER
#1000244 BLK - PLASTIC



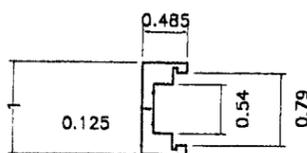
C- DOOR FRAMING
6063-T5



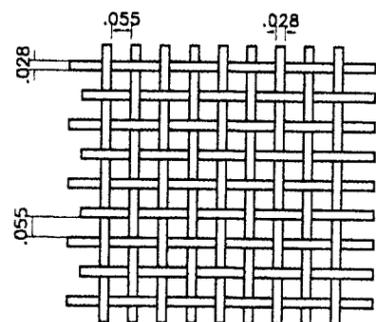
G- FRAME CORNER KEY
#390-0393
18ga/.05 GALV. STEEL



M- DOOR HINGE
6063-T5

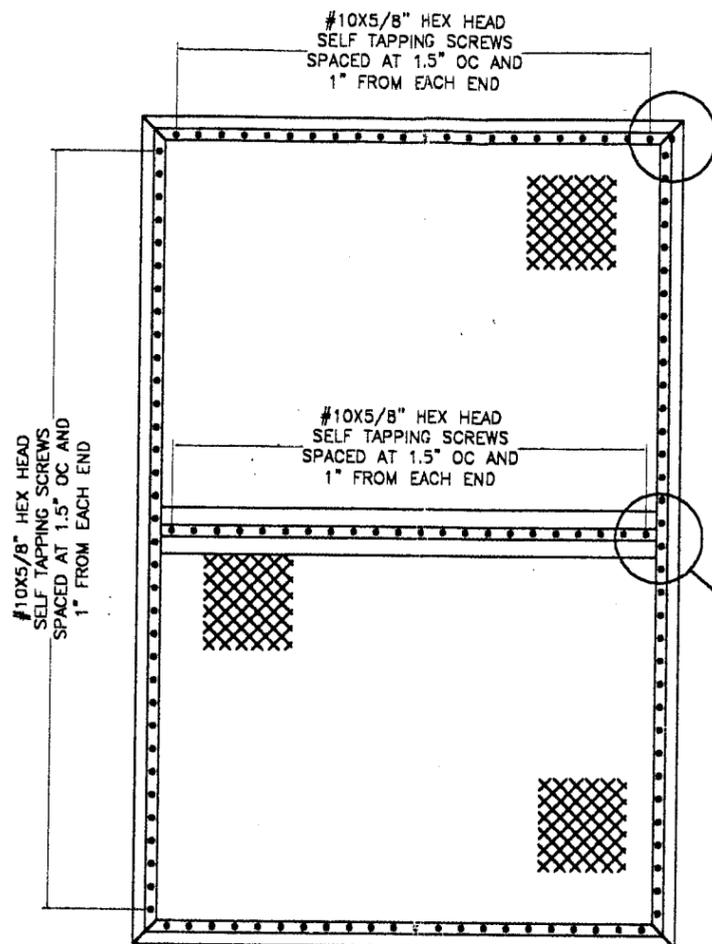


D- COVER STRIP V-CORNER
6063-T5

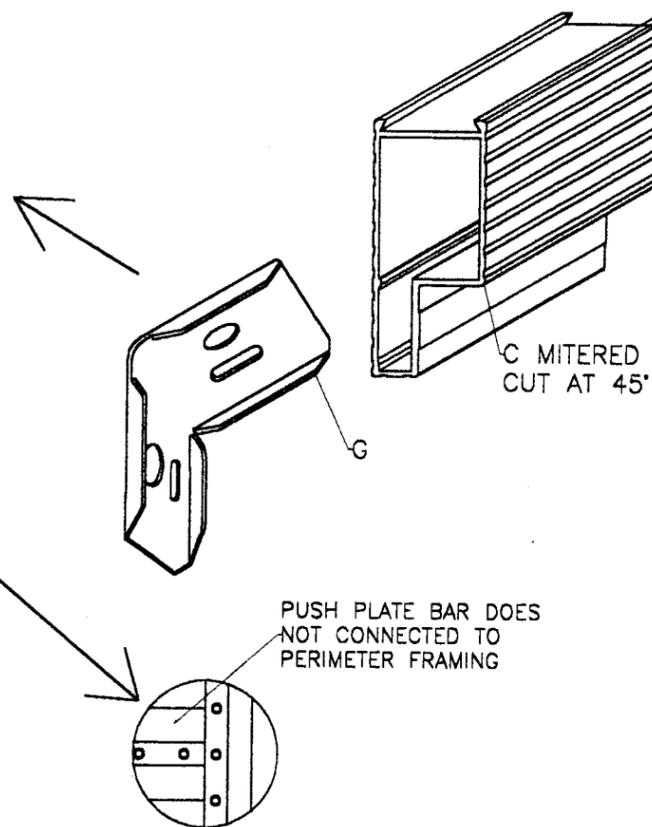


H- NXT 12 MESH
.028 Stainless Steel 304
SCREEN

REAR ELEVATION
TYPICAL SCREEN PANEL
ASSEMBLY SCREWS LAY-OUT



TYPICAL CORNER ASSEMBLY



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Sheet
3 of 3

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Date 07/25/2009
NOAH 06-0515-03
Miami Dade Product Control
Division
By: Hedley A. Miller

L- WEATHER STRIPPING
PILE FELT