



**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)

**R.L. Concept, Inc.
3724 N.W. 16th Street
Ft. Lauderdale, FL 33311**

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: Medium Stile Outswing Aluminum Storefront Double Door

APPROVAL DOCUMENT: Drawing No. **02-622**, titled "Medium Stile Impact Entry Door", sheets 1 through 4 of 4, prepared by ENGCO, Inc., dated 6/3/02, signed and sealed by Pedro De Figueiredo, 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 as well as approval document mentioned above.

The submitted documentation was reviewed by **Theodore Berman, P.E.**



**NOA No 02-0826.05
Expiration Date: November 14, 2007
Approval Date: November 14, 2002
Page 1**

R.L. Concept, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED
(For File ONLY. Not part of NOA)

- A. DRAWINGS**
1. Manufacturer's die drawings and sections.
 2. Drawing No. **02-622**, titled "Medium Stile Impact Entry Door", sheets 1 through 4 of 4, prepared by ENGCO, Inc., dated 6/3/02, signed and sealed by Pedro De Figueiredo, P.E.
- B. TESTS**
1. Test reports on 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
3) Forced Entry Test, per FBC 3603.2 (b) and TAS 202-94
along with marked-up drawings and installation diagram of a medium stile double entry door, prepared by Hurricane Engineering & Testing, Inc., Test Report No. HETI-00948, dated 1/29/01, signed and sealed by Arshad Viqar, P.E.
 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
along with marked-up drawings and installation diagram of a medium stile double entry door, prepared by Hurricane Engineering & Testing, Inc., Test Report No. HETI-00-1172 dated 1/30/01, signed and sealed by Hector Medina, P.E.
- C. CALCULATIONS**
1. Anchor Calculations and structural analysis, prepared by ENGCO, Inc., dated 5/22/02, signed and sealed by Pedro De Figueiredo, P.E.
- D. MATERIAL CERTIFICATIONS**
1. Notice of Acceptance No. **00-0329.03** issued to Security Impact Glass Holdings L.L.C. for "SAF-GLAS" dated 5/26/00, expiring on 12/16/02.
- E. STATEMENTS**
1. Statement letter of conformance and no financial interest, dated 6/1/02, signed and sealed by Pedro De Figueiredo, P.E.
- F. OTHER**
1. Letter from Pistorino & Alam Consulting Engineers, Inc.



Theodore Berman, P.E.

Deputy Director, Product Control Division

NOA No 02-0826.05

Expiration Date: November 14, 2007

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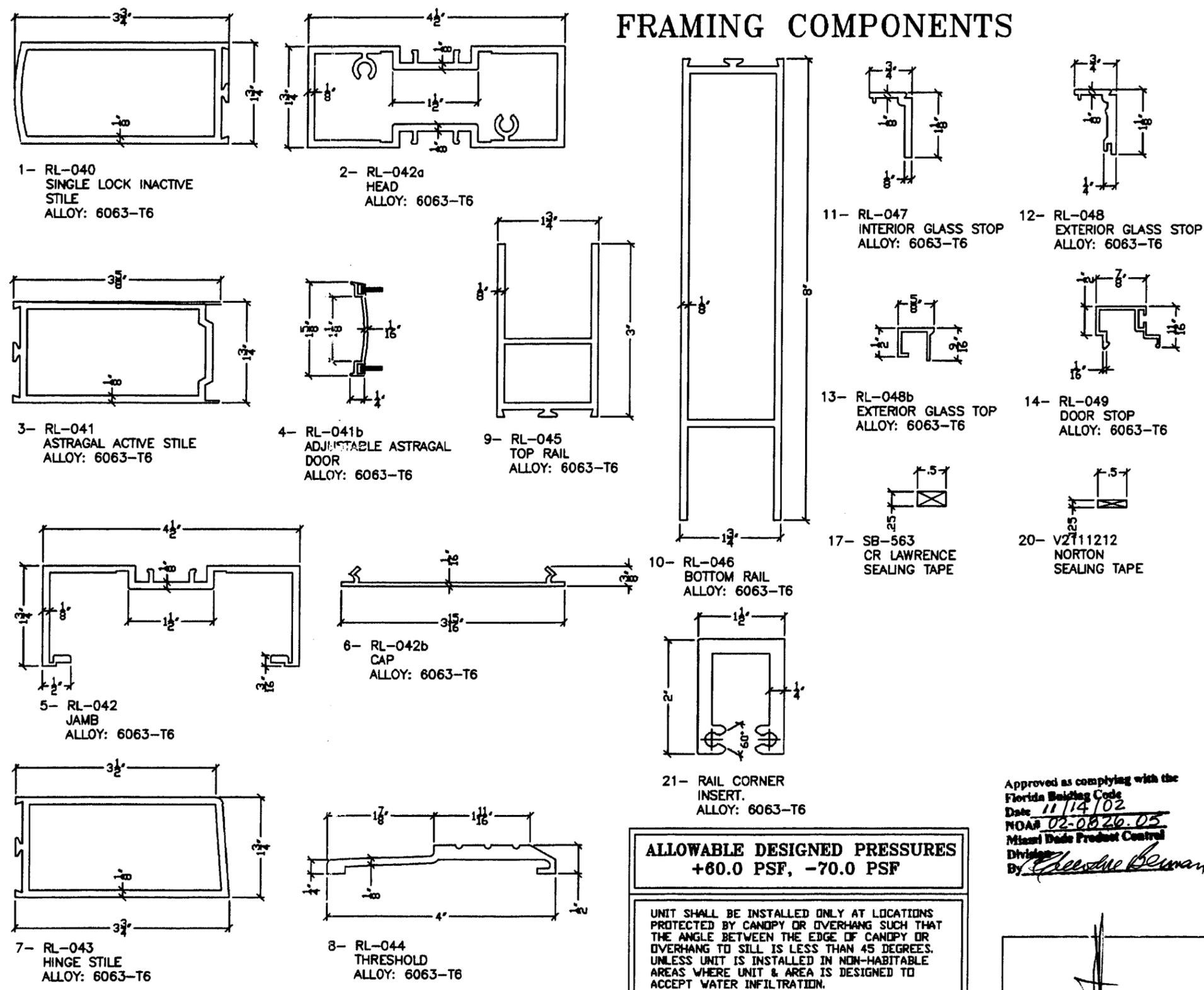
INDEX:

- SHEET 1 of 4 - GENERAL NOTES, DESIGN RATING, COMPONENTS
- SHEET 2 of 4 - ELEVATION, ANCHORAGE SPECS
- SHEET 3 of 4 - SECTION DETAILS, GLAZING SPECS
- SHEET 4 of 4 - CORNERS DETAIL & HARDWARE

GENERAL NOTES:

- 1- CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2001 Ed.
- 2- DEFINITION: THIS PRODUCT IS AN ALUMINUM MEDIUM STILE IMPACT DOUBLE ENTRY DOOR.
- 3- POSTING: 'MEDIUM STILE IMPACT ENTRY DOOR- R. L. CONCEPT, INC FT. LAUDERDALE - FLORIDA DADE COUNTY PRODUCT CONTROL APPROVED'
- 4- DESIGN LOADS: THE DESIGNED LOADS MUST BE CALCULATED BY A PROFESSIONAL ARCHITECT OR ENGINEER FOR EACH SPECIFIC PROJECT. THE CALCULATED DESIGNED PRESSURE MUST NOT EXCEED THE ALLOWABLE APPROVED PRESSURE (USE OF $K_d=0.85$).
- 5- MATERIAL: ALL ALUMINUM PARTS TO BE 6063-T6 ALLOY AND GLAZING TO BE LAMINATED GLASS AS SPECIFIED ON THIS APPROVAL.
- 6- FASTENERS: ASSEMBLY SCREWS AND ANCHORS SHALL BE AS SPECIFIED IN THE CURRENT SET OF DRAWINGS. INSTALLATION AND LOADS AS PER THIS APPROVAL. ANCHORS NOT SPECIFIED IN THIS APPROVAL MAY BE USED FOR A SITE SPECIFIC PROJECT, PROVIDING THE SUBMITTAL OF PROPER CALCULATIONS BY A PROFESSIONAL REGISTERED ENGINEER. ANCHOR SPACING AND LOADS MUST NOT EXCEED THE MAXIMUM LIMITS SPECIFIED BY THIS APPROVAL.
- 7- USE: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, ARCHITECT OR ENGINEER OF RECORD TO VERIFY THE FOLLOWING:
 - 7.1- THE STABILITY OF THE STRUCTURE WHERE THE SHUTTER IS TO BE ATTACHED INSURING PROPER ANCHORAGE.
 - 7.2- THE SITE SPECIFIC PROJECT CRITERIA, SUCH AS BUT NOT LIMITED TO, LOCAL CODE REQUIREMENTS, DESIGNED PRESSURES ETC.
 - 7.3- THAT THIS APPROVAL IS ADEQUATE TO THE SPECIFIC PROJECT.
- 8- DISCLAIMER: ENGCO INC. HAS NO CONTROL IN THE MANUFACTURING AND/OR PERFORMANCE OF THIS PRODUCT. THESE GENERIC PLANS WERE ENGINEERED IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICES AND TEST DATA PROVIDED BY THE MANUFACTURER.
- 9- MANUFACTURER NOTICE: ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED AS REPRESENTED BY THIS DRAWING ARE OWNED BY, AND THE PROPERTY OF R. L. CONCEPTS INC. AND WERE CREATED, EVOLVED AND DEVELOPED FOR USE ON, AND IN CONNECTION WITH, THE SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF R. L. CONCEPTS INC.

FRAMING COMPONENTS

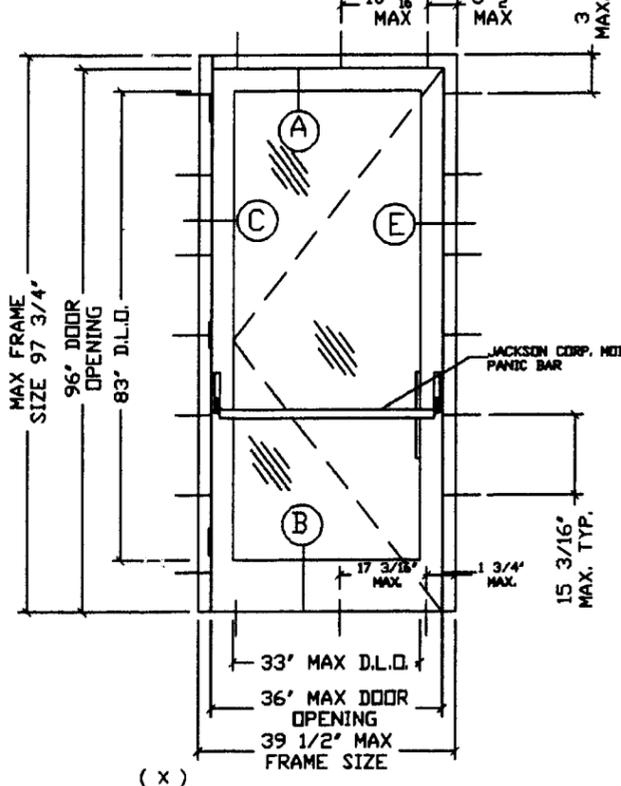
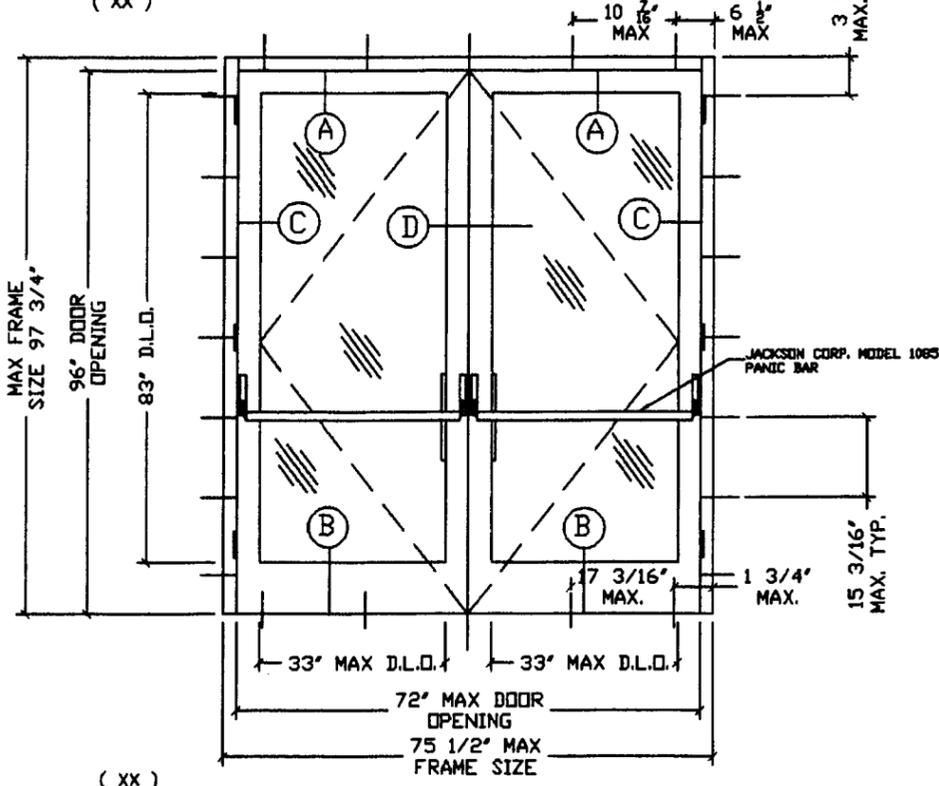
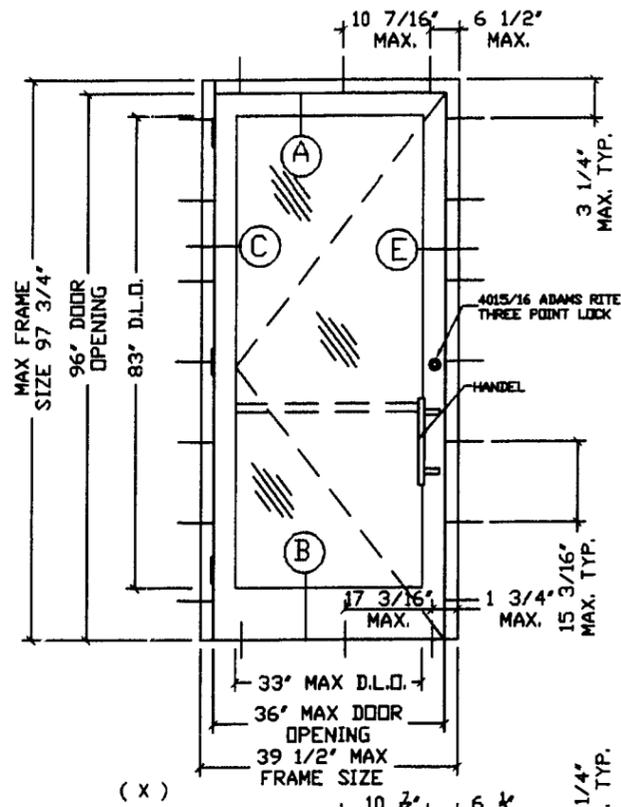
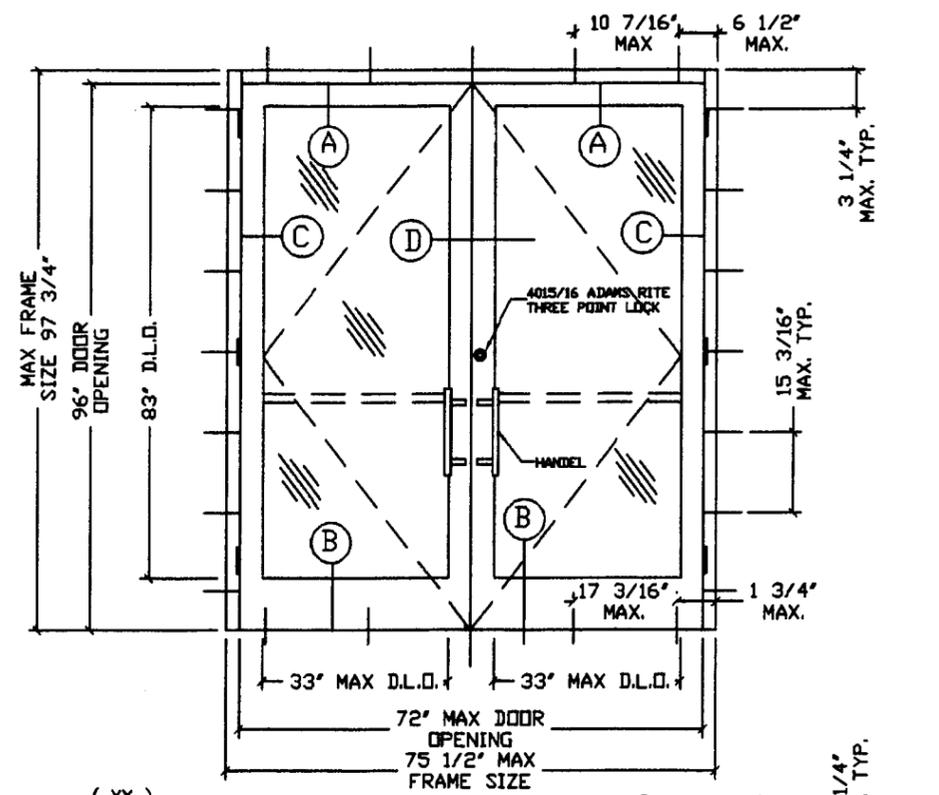


ALLOWABLE DESIGNED PRESSURES
 +60.0 PSF, -70.0 PSF

UNIT SHALL BE INSTALLED ONLY AT LOCATIONS PROTECTED BY CANOPY OR OVERHANG SUCH THAT THE ANGLE BETWEEN THE EDGE OF CANOPY OR OVERHANG TO SILL IS LESS THAN 45 DEGREES. UNLESS UNIT IS INSTALLED IN NON-HABITABLE AREAS WHERE UNIT & AREA IS DESIGNED TO ACCEPT WATER INFILTRATION.

Approved as complying with the Florida Building Code
 Date: 11/14/02
 NOA# 02-0826-05
 Miami Dade Product Control
 Division
 By: *Alexander Berman*

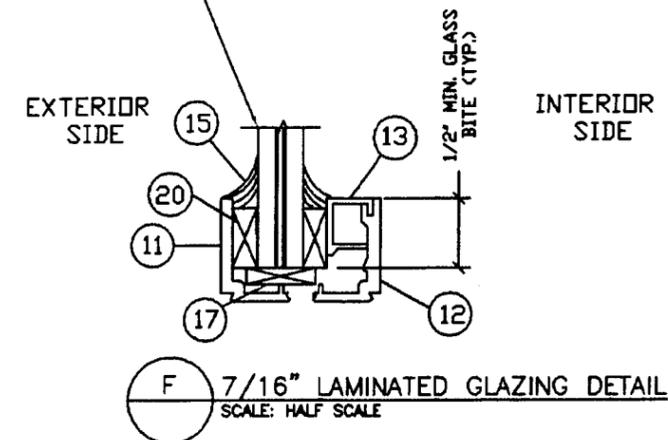
DWG. No. 02-622 SHEET: 1 OF 4	CHECKED BY: RL	GENERAL NOTES, DESIGN RATINGS, COMPONENTS MEDIUM STILE IMPACT ENTRY DOOR	R.L. concept inc. MFG. STORE FRONTS, CURTAIN WALLS STRUCTURAL GLAZING, HAND RAILING, GLASS RAILING SKY LITES, SHUTTERS	3724 N.W. 16th ST. Lauderhill, FL 33311 TEL (954) 321-1014 FAX (954) 321-1016	Engineering: ENGCO. INC. CA 8116 6971 W. SUNRISE BLVD. 104 PLANTATION, FL. 33313 TEL.: (954) 585-0304	JUN 04 2003 Engineer Seal Pedro De Figueiredo PE 52609
	DRAWN BY: AMCR					
	DATE: 06/03/02					
	SCALE: AS NOTED					



GLAZING SPECS

MAX D.L.O. 33" X 83"

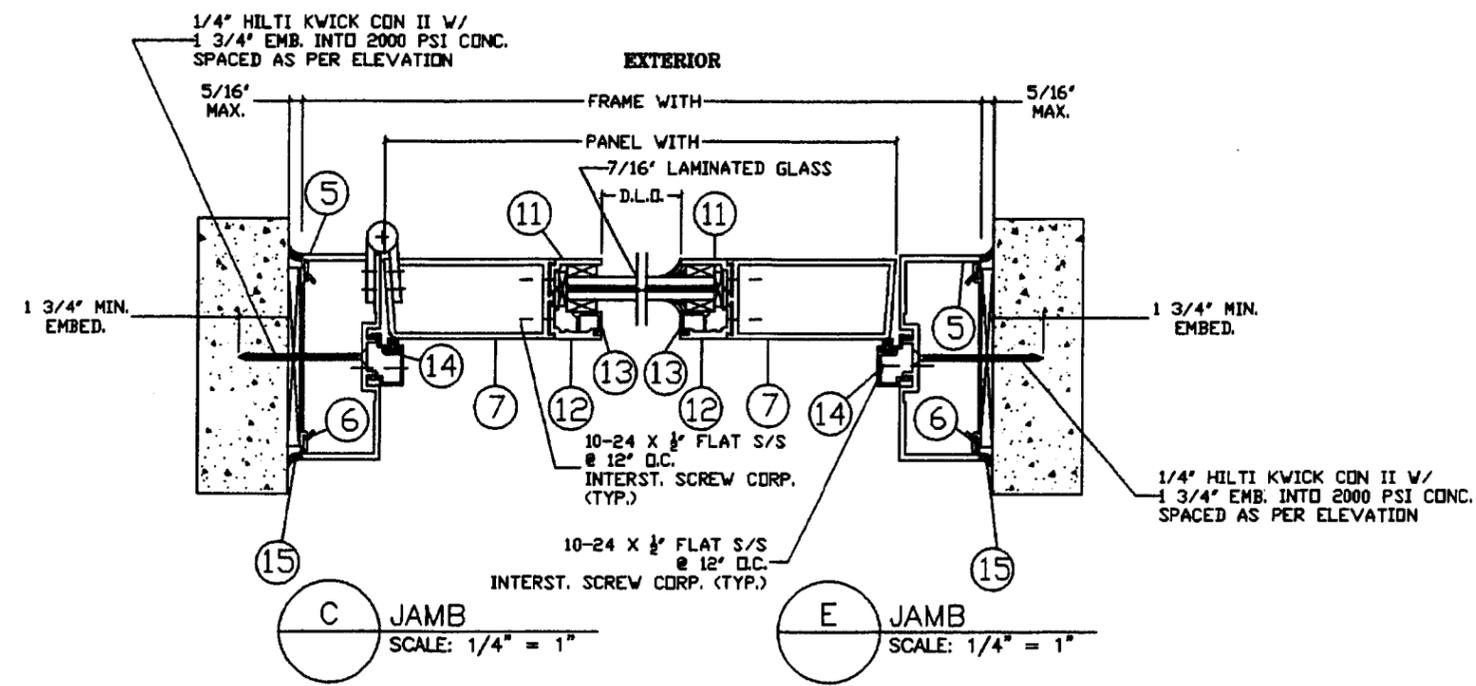
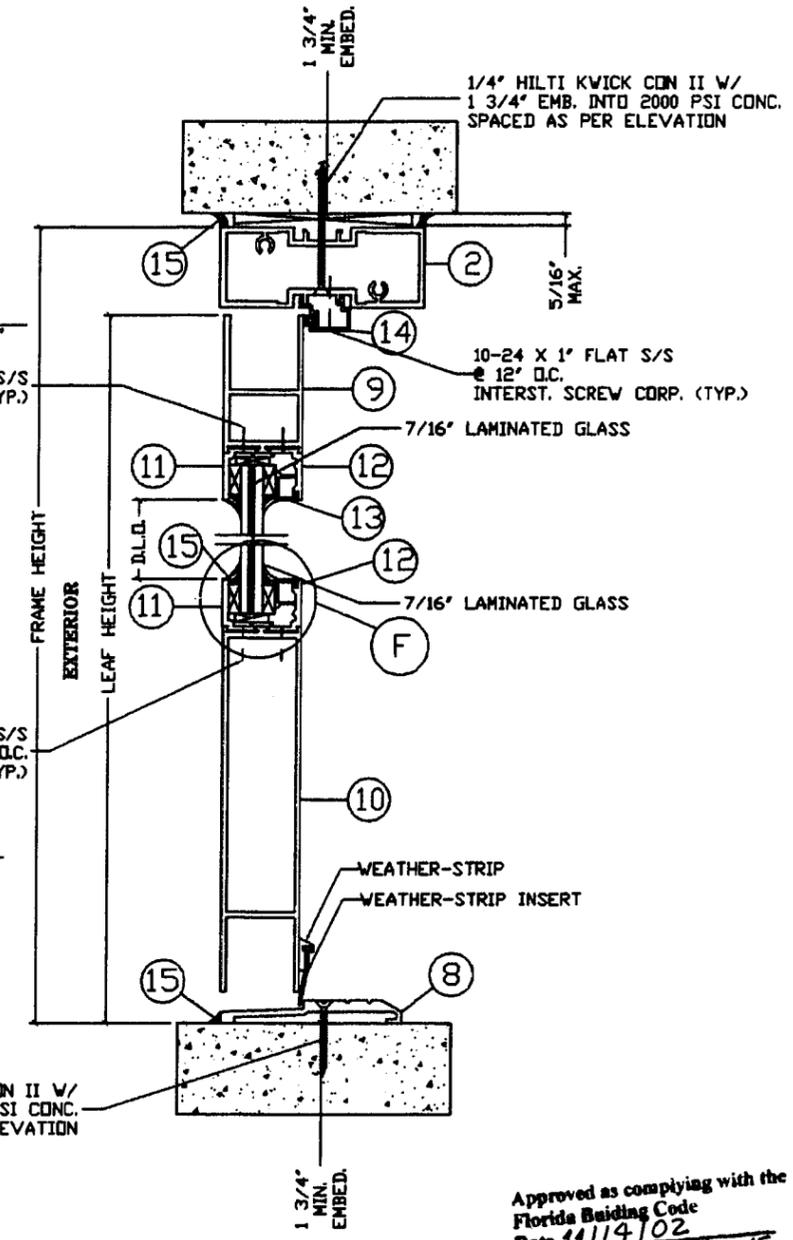
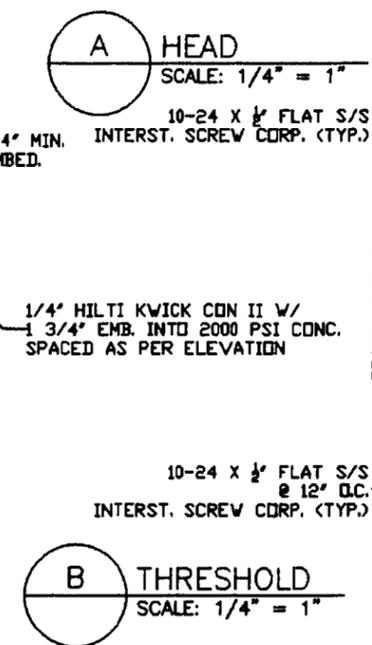
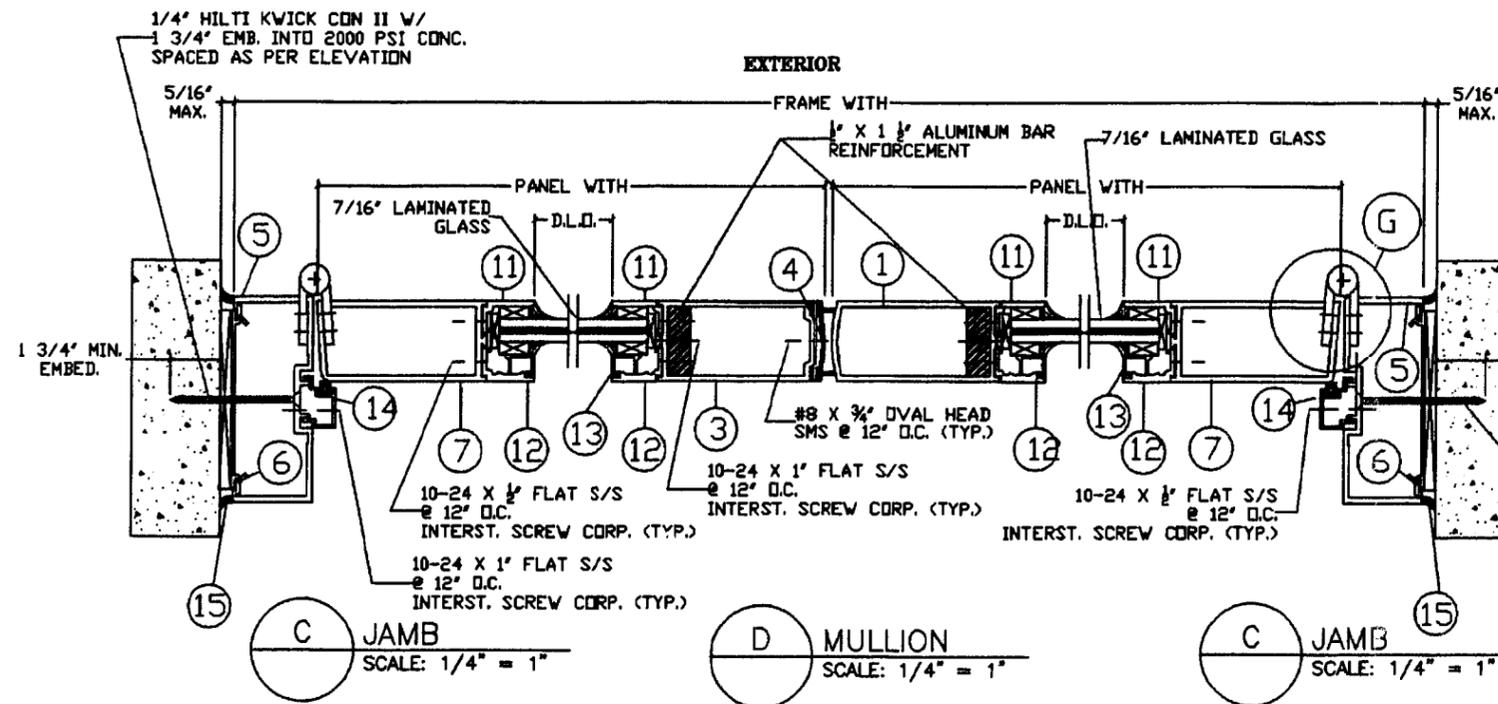
7/16" LAMINATED IMPACT GLASS
 3/16" HEAT STRENGTHENED GLASS +
 .060" INTERLAYER MONSATO POLYVINYL BUTYRYL +
 3/16" HEAT STRENGTHENED GLASS.



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 Miami Dade Product Control
 Division
 By: *[Signature]*

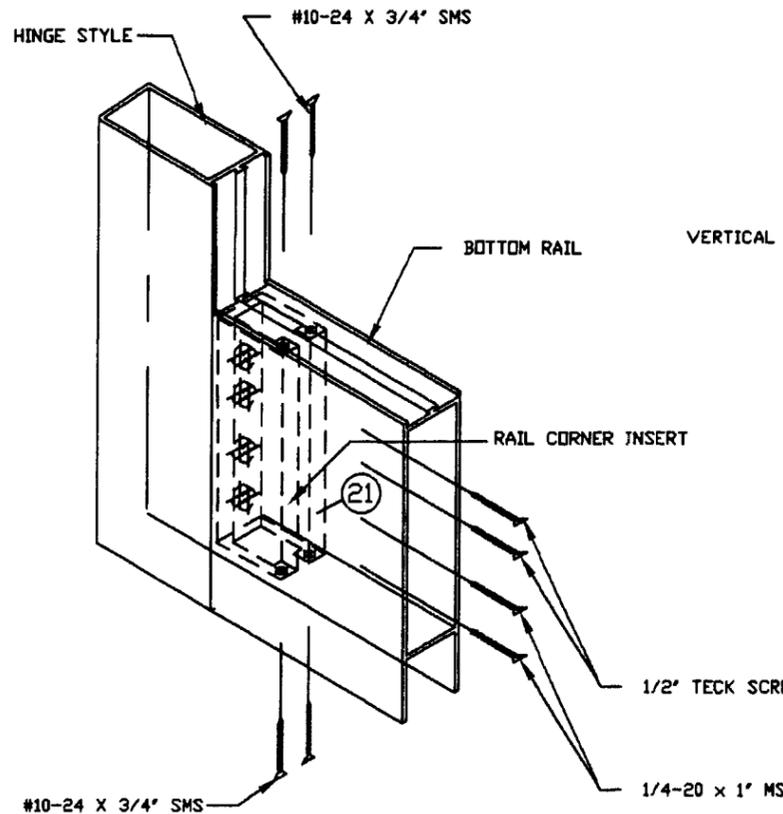
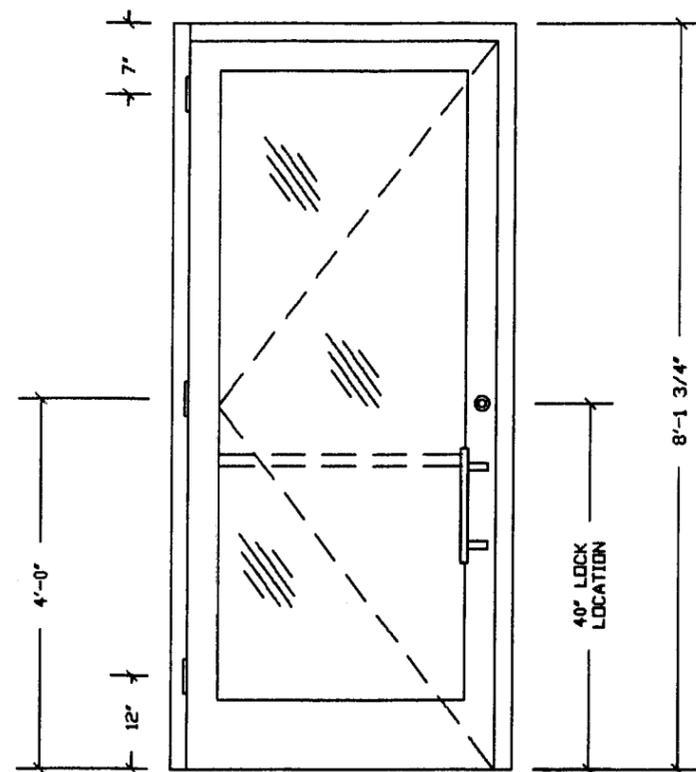
DWG. No. 02-622 SHEET: 2 OF 4	CHECKED BY: RL	ELEVATIONS, ANCHORAGE & GLAZING SPECS MEDIUM STILE IMPACT ENTRY DOOR	R.L. CONCEPT INC. MFG. STORE FRONTS, CURTAIN WALLS STRUCTURAL GLAZING, HAND RAILING, GLASS RAILING SKY LITES, SHUTTERS	3724 N.W. 16th ST. LAUDERHILL, FL 33311 TEL. (954) 321-1014 FAX (954) 321-1016	Engineering: ENGCO. INC. CA 8116 6971 W. SUNRISE BLVD. 104 PLANTATION, FL. 33313 TEL.: (954) 585-0304	JUN 04 2002 Engineer Seal Pedro De Figueiredo PE 52609
	DRAWN BY: AMCR					
	DATE: 06/03/02 SCALE: AS NOTED					

SECTION DETAILS

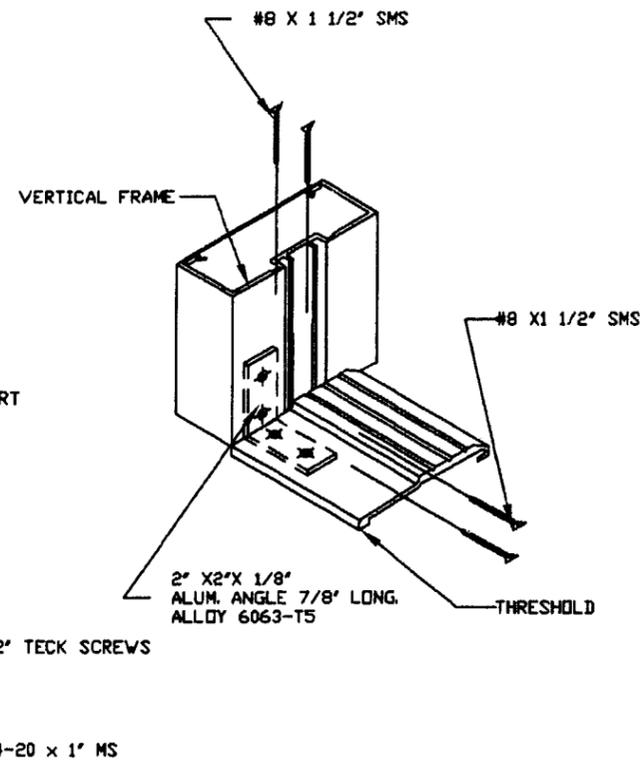


Approved as complying with the Florida Building Code
Date 11/14/02
NOAR 02-0826.05
Miami Dade Product Control
By *[Signature]*

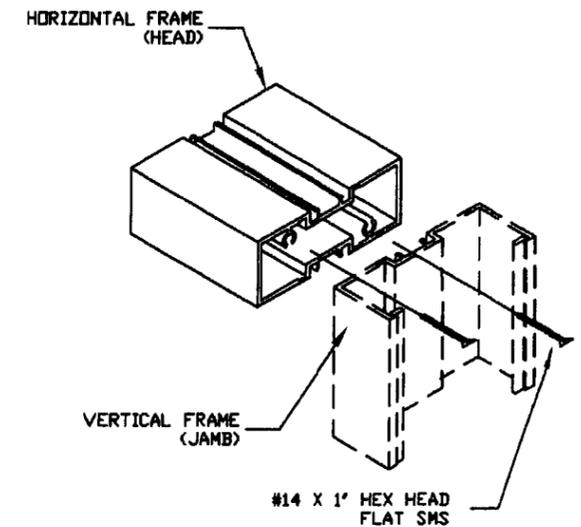
DWG. No. 02-622	CHECKED BY: RL	SECTION DETAILS	R.L. CONCEPT INC. MFG. STORE FRONTS, CURTAIN WALLS STRUCTURAL GLAZING, HAND RAILING, GLASS RAILING SKY LITES, SHUTTERS	3724 N.W. 16th ST. Lauderhill, FL 33311 TEL. (954) 321-1014 FAX (954) 321-1016	Engineering: ENGCO. INC. CA 8116 6971 W. SUNRISE BLVD. 104 PLANTATION, FL. 33313 TEL.: (954) 585-0304	<i>[Signature]</i> JUN 04 2003 Engineer Seal Pedro De Figueiredo PE 52609
SHEET: 3 OF 4	DRAWN BY: AMCR	MEDIUM STILE IMPACT ENTRY DOOR				
DATE: 06/03/02	SCALE: AS NOTED					



DOOR LEAF CORNER

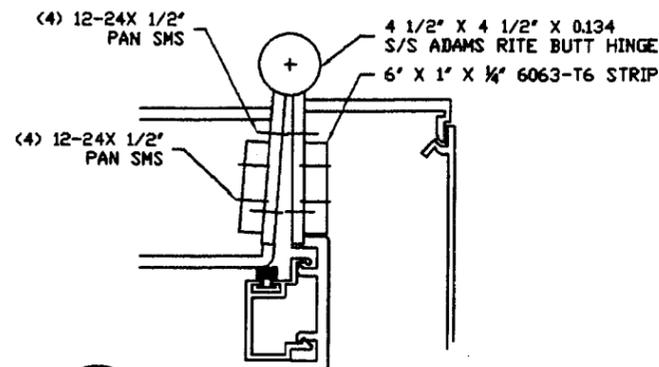


THRESHOLD CORNER



FRAME CORNER

BUTT HINGES DETAIL



G 4 1/2" S/S BUTT HINGES
SCALE: HALF SCALE

HARDWARE SCHEDULE

- 1.- (3) 4 1/2 X 4 1/2 X 0.134 SS ADAMS RITE BUTT HINGE- SEE REPORT.
- 2.- MULTI-POINT LOCK= #4015/16 ADAMS RITE-TREE POINT OR JACKSON CORPORATION MODEL 1085-TWO POINT LOCK

Approved as complying with the
Florida Building Code
Date 11/14/02
NOA# 02-0826.05
Miami Dept Product Control
Division
By: *Clayton Gorman*

Clayton Gorman

JUN 04 2003
Engineer Seal
Pedro De Figueiredo
PE 52609

DWG. No. 02-622	CHECKED BY: RL	DETAILS & HARDWARE SCHEDULE	R.L. CONCEPT INC.	3724 N.W. 16th ST. Lauderhill, FL 33311 TEL. (954) 321-1014 FAX (954) 321-1016	Engineering: ENGCO. INC. CA 8116 6971 W. SUNRISE BLVD. 104 PLANTATION, FL. 33313 TEL.: (954) 585-0304
	DRAWN BY: AMOR.				
SHEET: 4 OF 4	DATE: 06/03/02				
	SCALE: AS NOTED				