



**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
Lauderhill, 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 the BCCO and accepted by the Building Code and Product Review Committee (BCPRC) 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 BCCO (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. BCPRC reserves the right to revoke this acceptance, if it is determined by BCCO 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 South Florida Building Code, 1994 Edition for Miami-Dade County or Florida Building Code.

DESCRIPTION: Series "Survivalite" 2 x 5 Aluminum Window Wall System II - Impact Resistant

APPROVAL DOCUMENT: Drawing No. 02-037R1, titled "Survivalite Series 2 x 5 Aluminum Window Wall System II", sheets 1 through 6, prepared by EngCo, Inc., dated 3/4/02, signed and sealed by Pedro De Figueiredo, bearing the Miami-Dade County Product Control Renewal 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 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 NOA # 02-0130.12 and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Manuel Perez, P.E.**



**NOA No 02-0226.01
Expiration Date: February 1, 2007
Approval Date: March 28, 2002
Page 1**

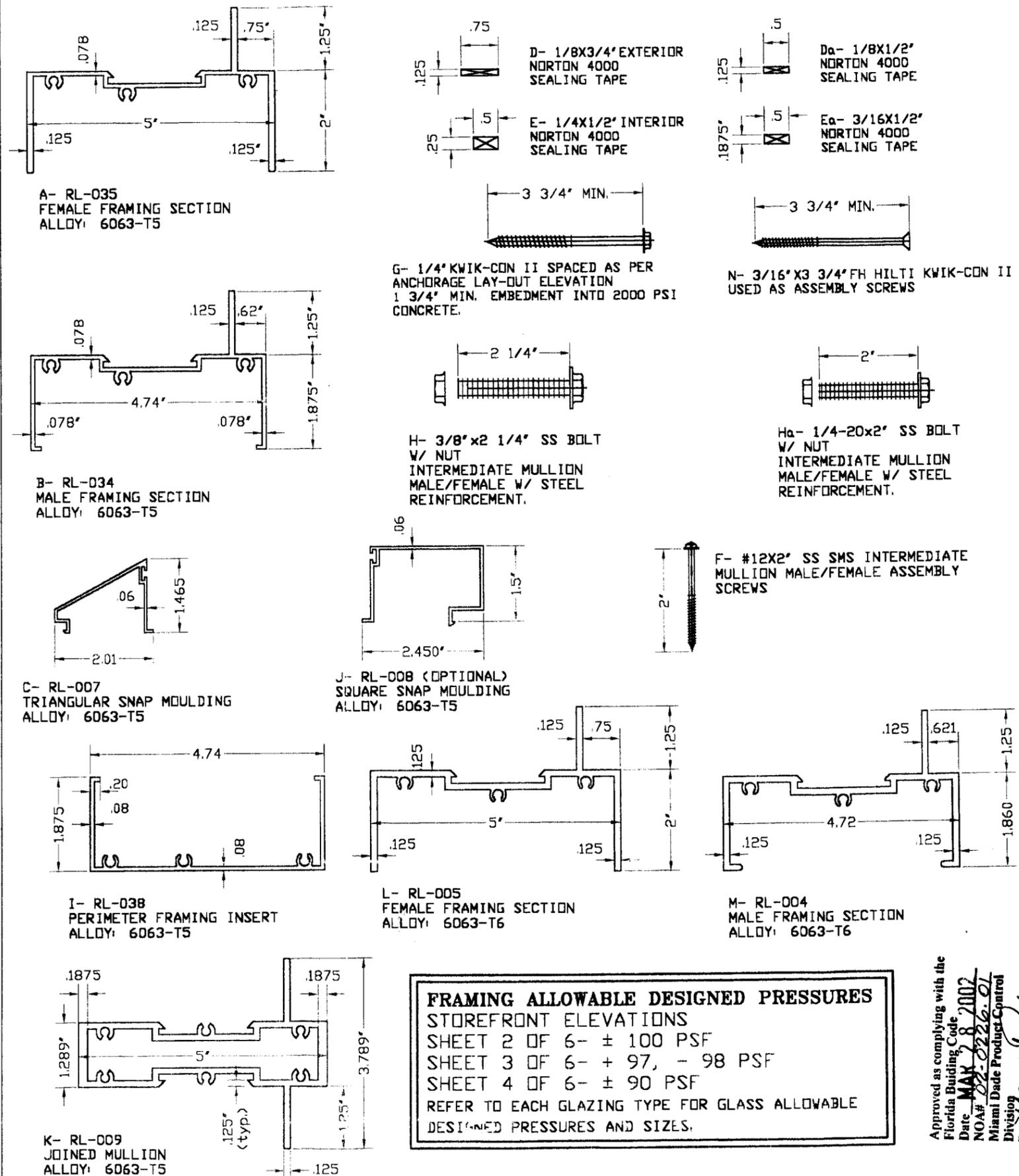
INDEX:

- SHEET 1 of 6 - GENERAL NOTES, DESIGN RATING, COMPONENTS
- SHEET 2 of 6 - ELEVATION, ANCHORAGE AND GLAZING SPECS
- SHEET 3 of 6 - ELEVATION, ANCHORAGE AND GLAZING SPECS
- SHEET 4 of 6 - ELEVATION, ANCHORAGE AND GLAZING SPECS
- SHEET 5 of 6 - SECTION DETAILS, CORNER ASSEMBLY
- SHEET 6 of 6 - SECTION DETAILS, CORNER ASSEMBLY

GENERAL NOTES:

- 1- CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.
- 2- DEFINITION: THIS PRODUCT IS AN ALUMINUM FIXED TYPE WINDOW WITH LARGE MISSILE IMPACT RESISTANT LAMINATED GLASS.
- 3- POSTING:
 - *SURVIVALITE II SERIES 2X5 - IMPACT
 - 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.
- 5- MATERIAL: ALL ALUMINUM PARTS TO BE 6063-T5 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: ENGC0 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



FRAMING ALLOWABLE DESIGNED PRESSURES
STOREFRONT ELEVATIONS
SHEET 2 OF 6 - ± 100 PSF
SHEET 3 OF 6 - + 97, - 98 PSF
SHEET 4 OF 6 - ± 90 PSF
REFER TO EACH GLAZING TYPE FOR GLASS ALLOWABLE
DESIGNED PRESSURES AND SIZES.

Approved as complying with the
Florida Building Code
Date: MAX 28 2002
NOA# 02-0226-01
Miami Dade Product Control
Division
By: *Manuel Lopez*

MANUFACTURER:
R.L. Concepts Inc.

3724 N.W. 16TH ST.
LAUDERHILL, FL. 33311
TEL: (954) 321-1014
FAX: (954) 321-1016

PRODUCT:
SURVIVALITE SERIES 2X5
ALUMINUM WINDOW WALL SYSTEM II

Engineering:
EngCo Inc.
CA 8116
6971 W. SUNRISE BLVD. 104
PLANTATION, FL. 33313
TEL: (954) 585-0304

MAR 07 2002
Engineer Seal
Pedro De Figueiredo
PE 52609

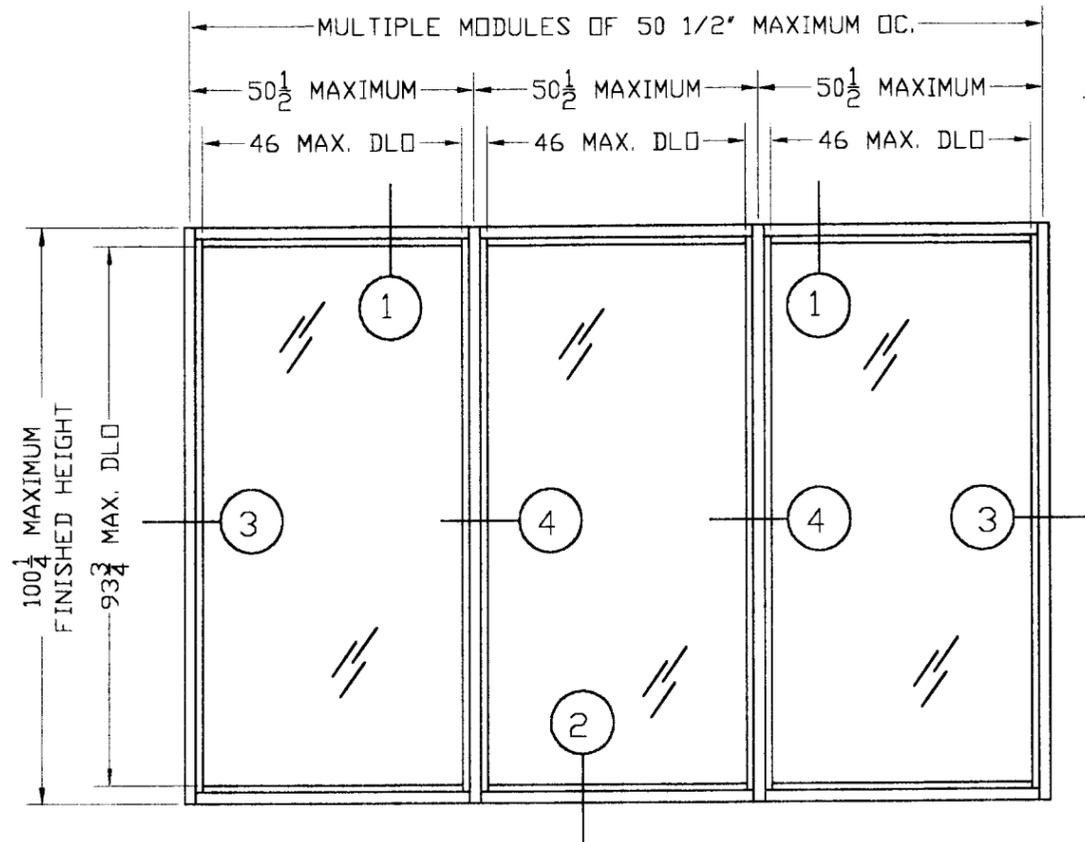
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Design by: PPMF

Revision:
REVISES ORIGINAL DWG
96070

Drawing Number
02-037R1

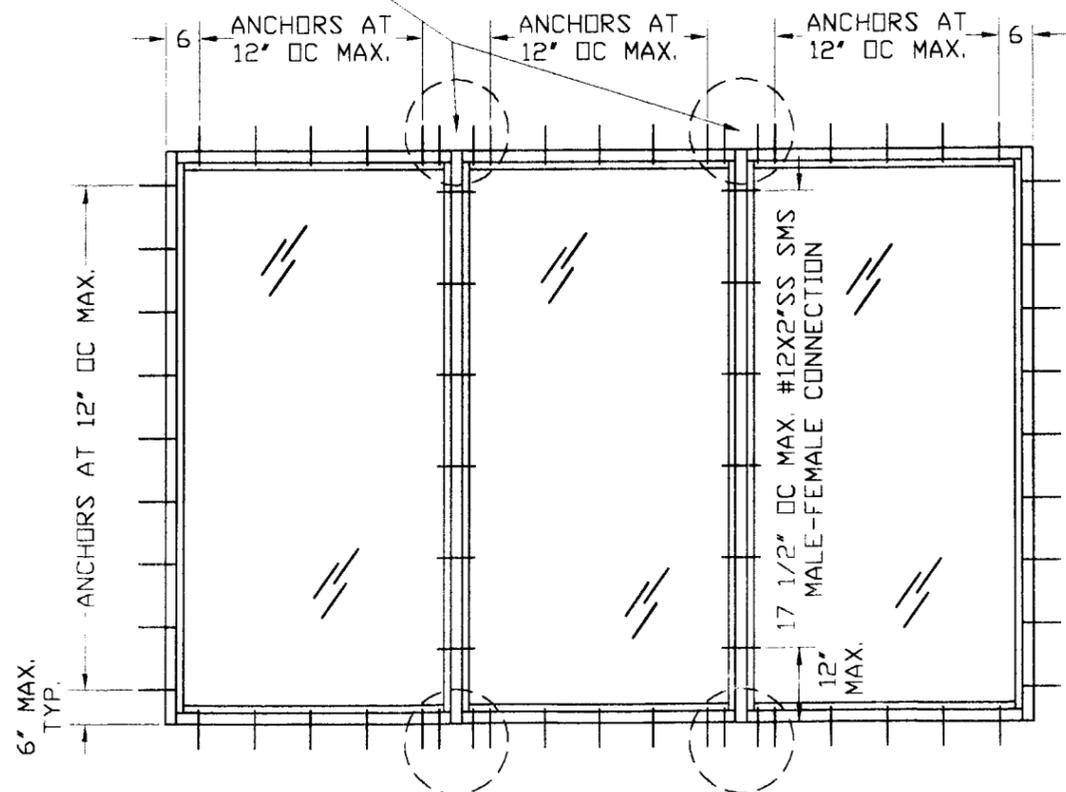
Sheet
1 of 6

WITHOUT REINFORCEMENT UNIT ELEVATION



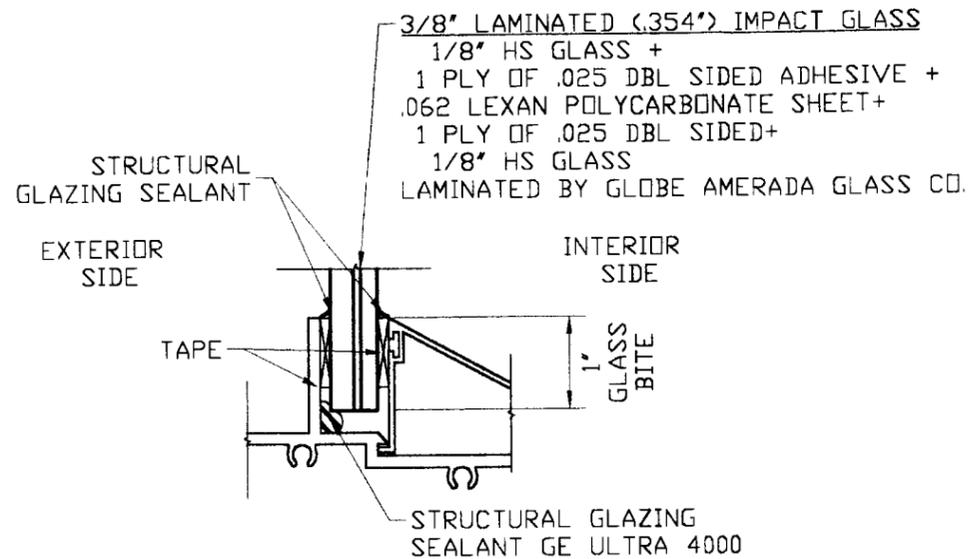
TYPICAL CLUSTER OF 2 ANCHORS PER MULLION SIDE, SPACED AT 3" OC AND 1 3/4" MIN. EMBED. INTO 2000 PSI CONCRETE

ANCHORAGE LAY-OUT



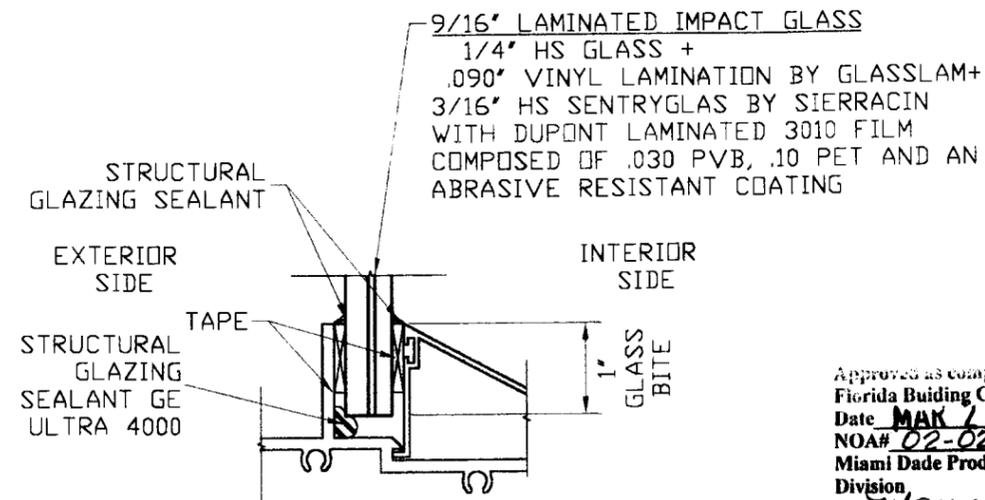
GLAZING OPTIONS

A1- 3/8" LAMINATED



NOTE:
 TYPE A1 MAXIMUM DLO SIZE= 46" X 93 3/4" - Pd=35 PSF
 TYPE A1 MAXIMUM DLO SIZE= 22" X 93 3/4" - Pd=100 PSF

A2- 9/16" LAMINATED



NOTES:
 1- TYPE A2 MAXIMUM DLO SIZE= 46" X 93 3/4" AT 75 PSF
 2- THE A2 LAMINATED GLASS CAN BE LAMINATED WITH ANI GLASS WHEN USED FOR INSTALLATIONS WHERE WIND LOAD PRESSURES DO NOT EXCEED 38 PSF.

Approved as complying with the Florida Building Code
 Date MAR 28 2002
 NOA# 02-0226.01
 Miami Dade Product Control Division
 By Manuel Perez

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 Tel.: (954) 585-0304

MAR 07 2002

Engineer Seal
 Pedro De Figueiredo
 PE 52609

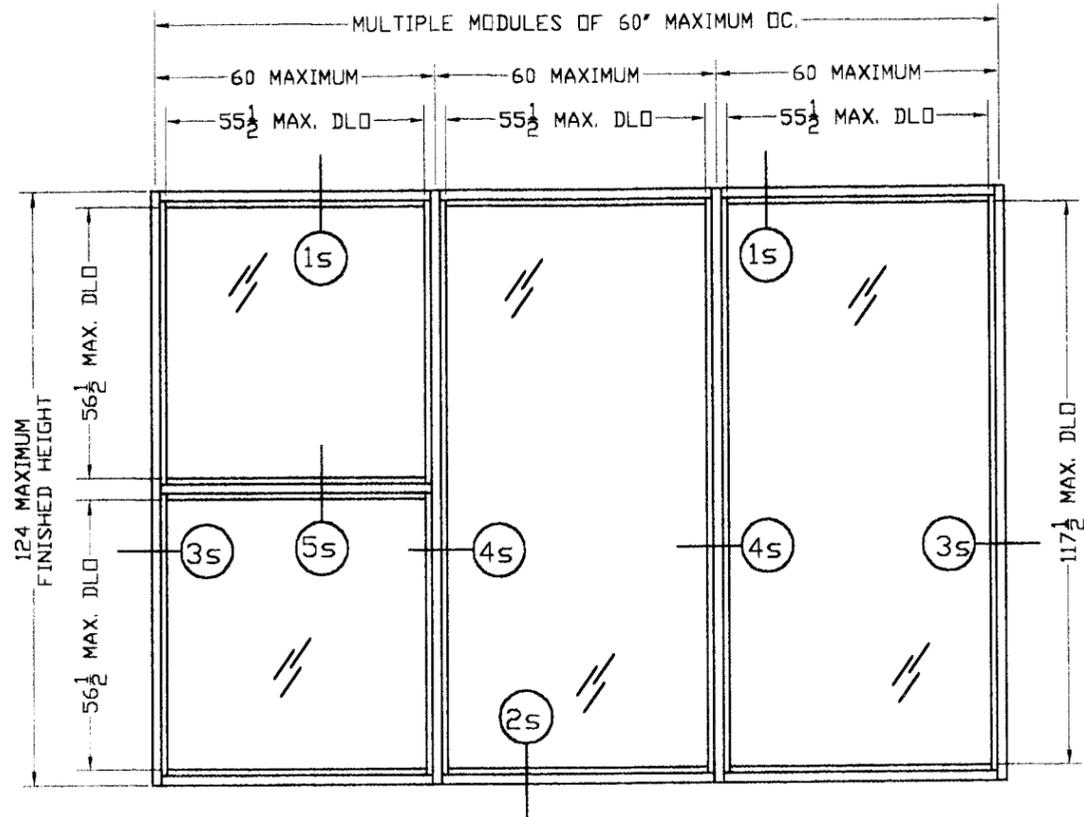
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Revision:
 REVISES ORIGINAL DWG
 96070

Drawing Number
02-037R1

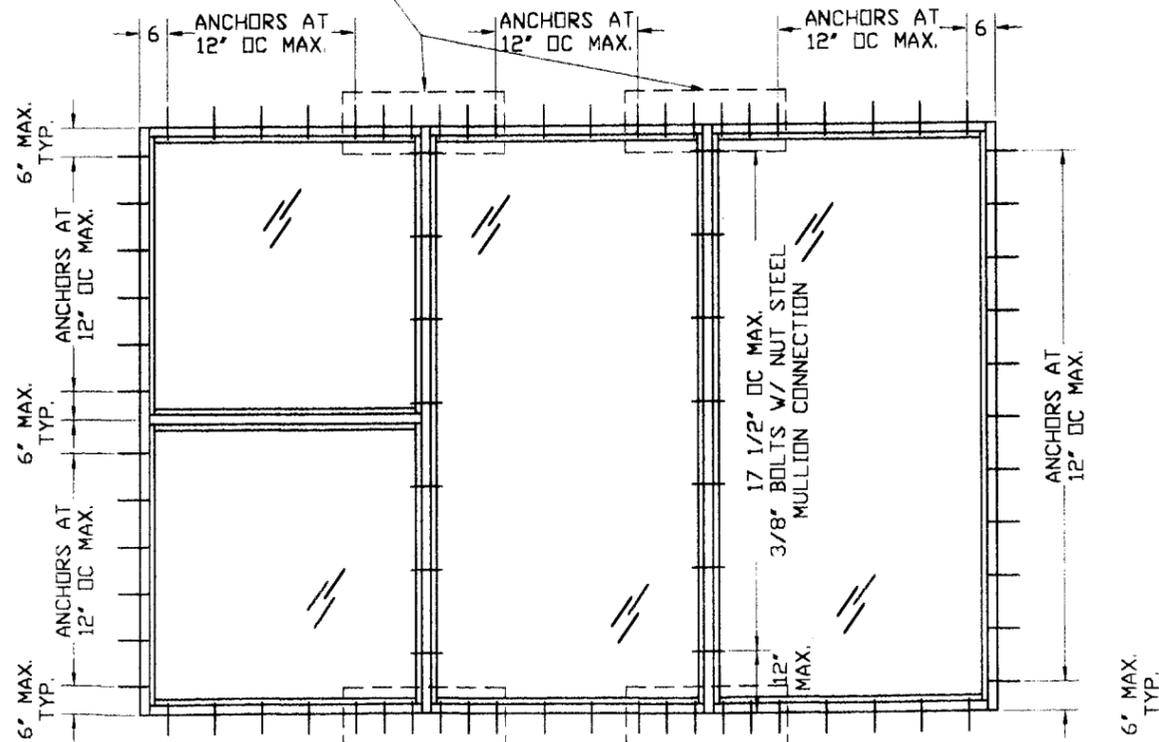
Sheet
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WITH REINFORCEMENT UNIT ELEVATION



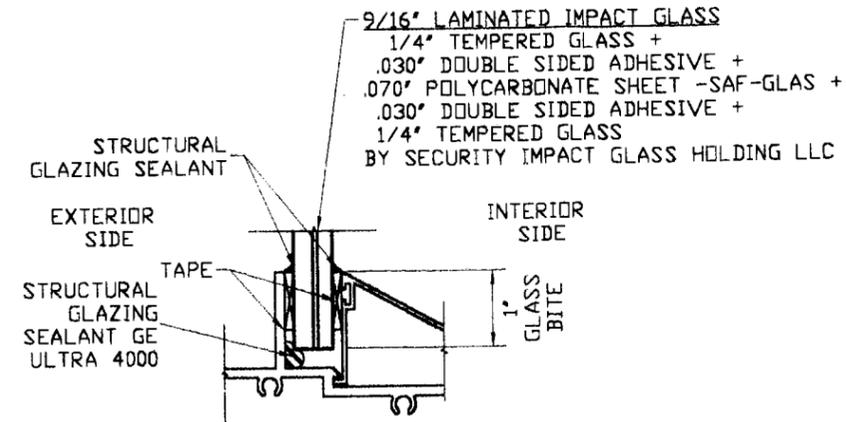
TYPICAL CLUSTER OF 3 ANCHORS PER MULLION SIDE, SPACED AT 6" OC AND 1 3/4" MIN. EMBED. INTO 3000 PSI CONCRETE

ANCHORAGE LAY-OUT



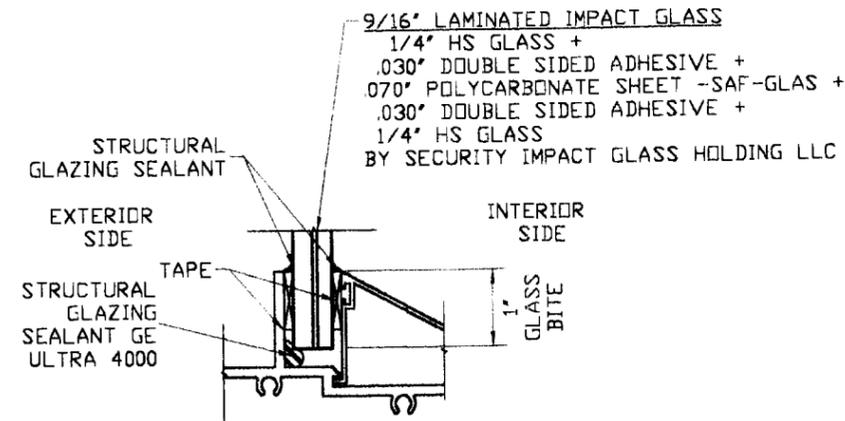
GLAZING OPTIONS

A3- 9/16" LAMINATED



NOTE:
TYPE A3 MAXIMUM DLO SIZE= 55 1/2" X 117 1/2" AT 100 PSF

A4- 9/16" LAMINATED



NOTE:
1- TYPE A4 MAXIMUM DLO SIZE= 55 1/2" X 56 1/2" AT 100 PSF.
2- THE A4 LAMINATED GLASS CAN BE LAMINATED WITH ANNEAL GLASS WHEN USED FOR INSTALLATIONS WHERE WIND LOAD PRESSURES DO NOT EXCEED 78 PSF.

MANUFACTURER:
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PRODUCT:
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Engineering:
EngCo Inc.

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



MAR 07 2002

Engineer Seal
Pedro De Figueiredo
PE 52609

Date: 3/4/02
Scale: NA
Design by: PPMF

Revision:
REVISES ORIGINAL DWG
96070

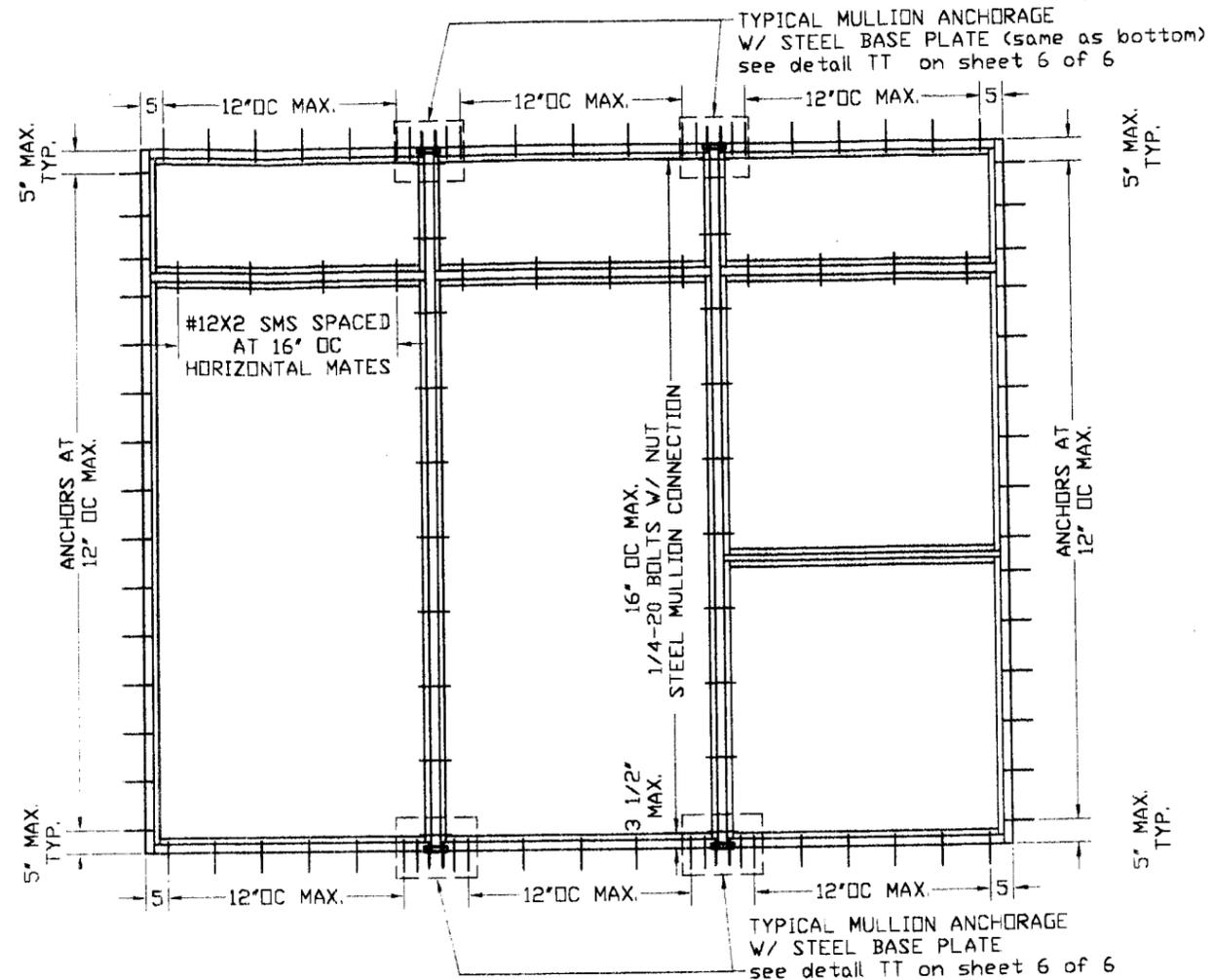
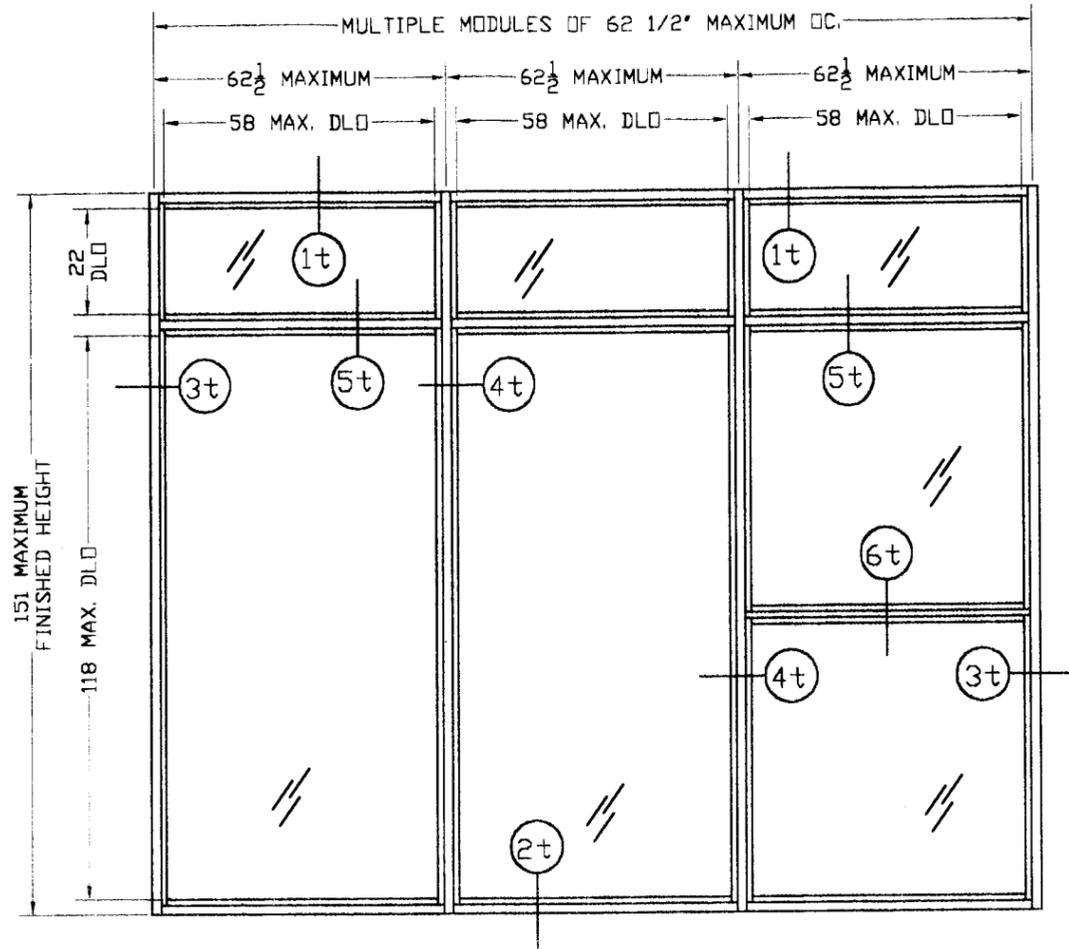
Drawing Number
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NOA# 02-0226.01
Miami Dade Product Control Division
By [Signature]

WITH REINFORCEMENT UNIT ELEVATION (HEIGHT >120")

ANCHORAGE LAY-OUT



MANUFACTURER:
R.L. Concepts Inc.

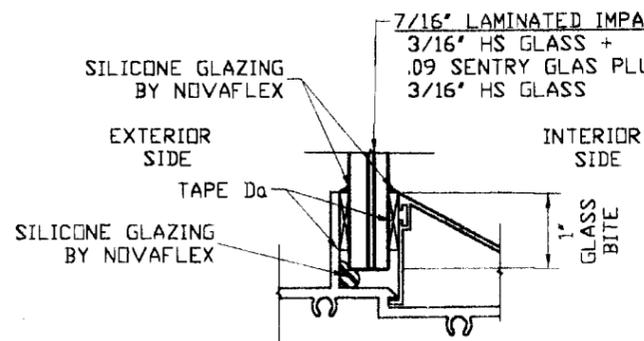
3724 N.W. 16TH ST.
LAUDERHILL, FL. 33311
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FAX: (954) 321-1016

PRODUCT:
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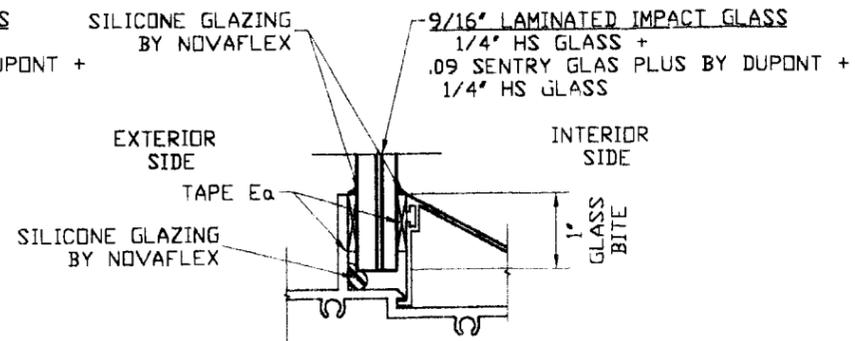
GLAZING OPTIONS

A5- 7/16" LAMINATED



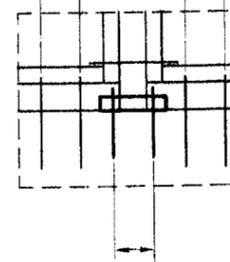
NOTE:
1- TYPE A5 MAXIMUM DLD SIZE= 22' X 58' AT 90 PSF.

A6- 9/16" LAMINATED



NOTE:
TYPE A6 MAXIMUM DLD SIZE= 38' X 118' at Pd=80 psf
TYPE A6 MAXIMUM DLD SIZE= 50' X 118' at Pd=90 psf

4 FRAME ANCHORS
SPACED AT 3" OC



3 ANCHORS
AT STEEL
BASE PLATE



MAR 07 2002
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Date: 3/4/02
Scale: NA
Design by: PPMF

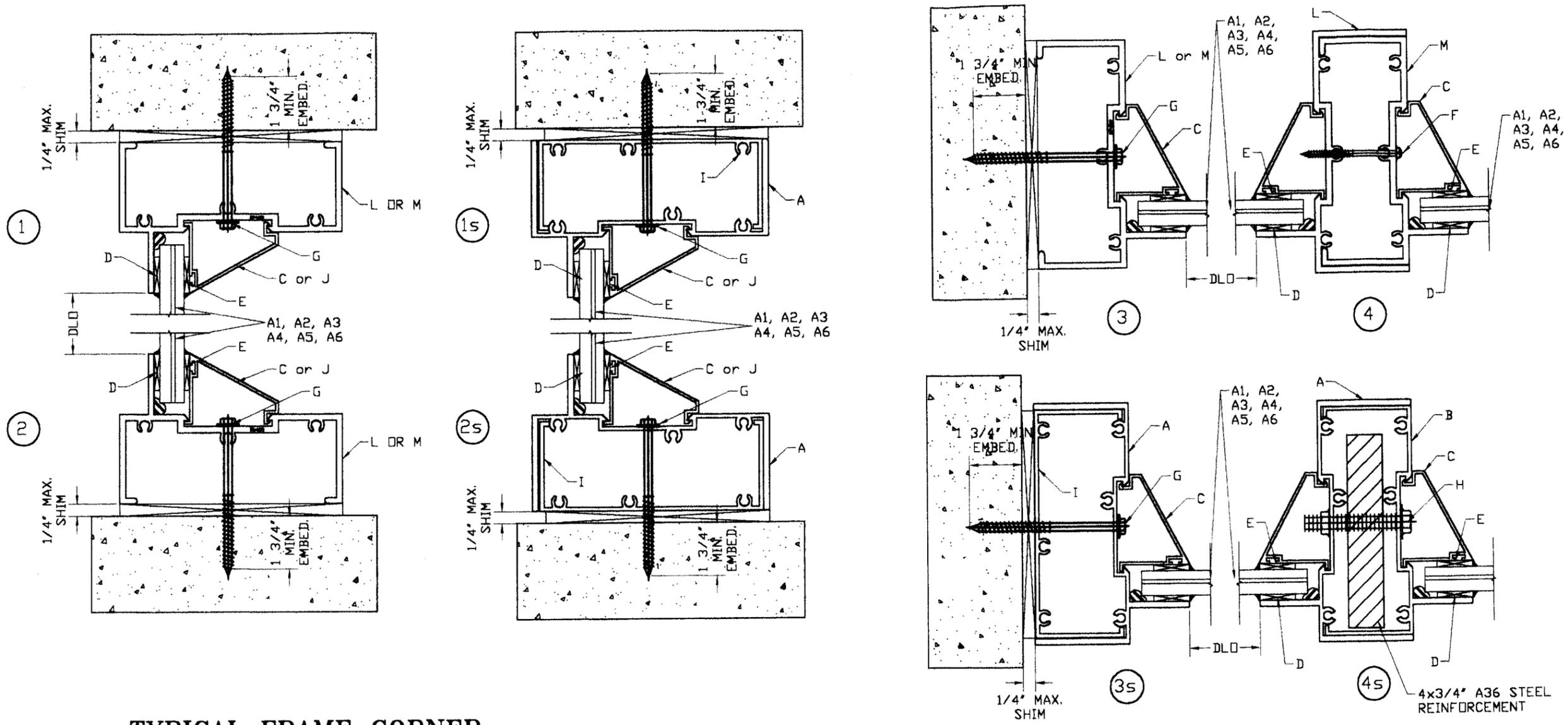
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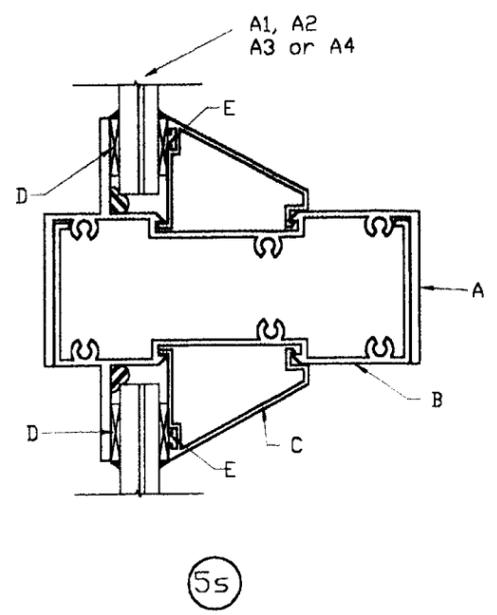
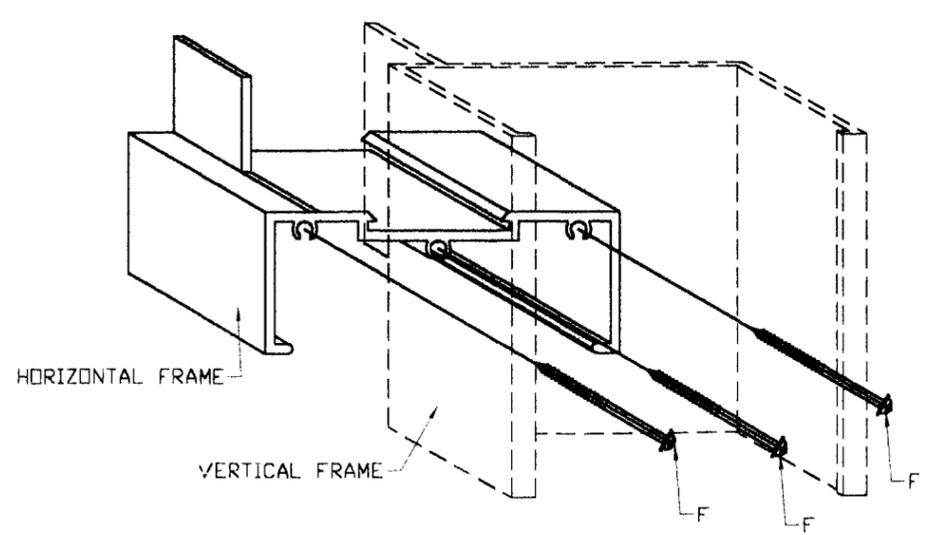
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Florida Building Code.
Date **MAR 28 2002**
NOA# **02-0226-01**
Miami Dade Product Control
Division
By: *[Signature]*

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SECTION DETAILS



TYPICAL FRAME CORNER



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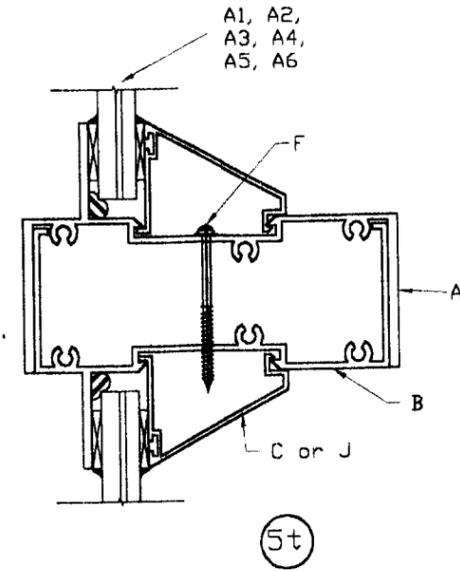
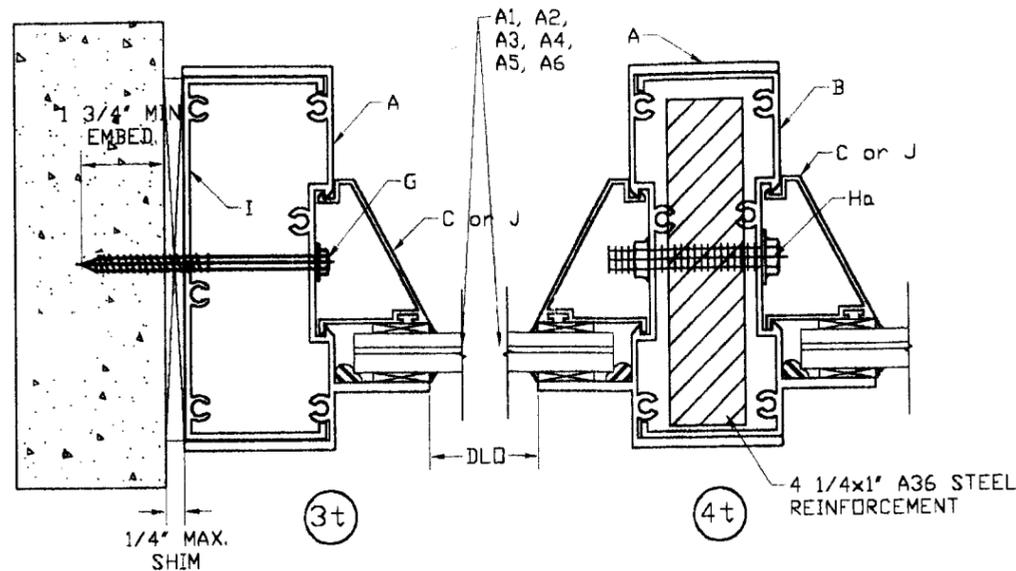
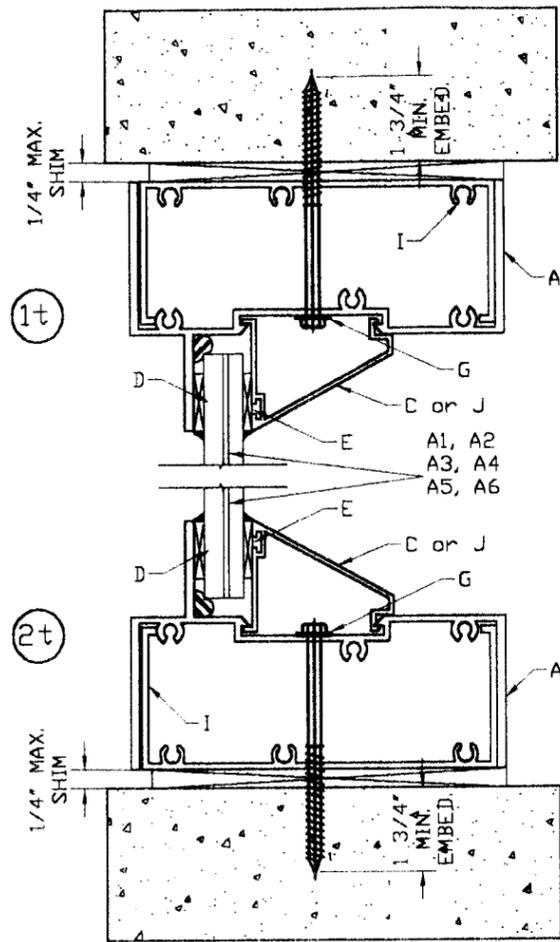
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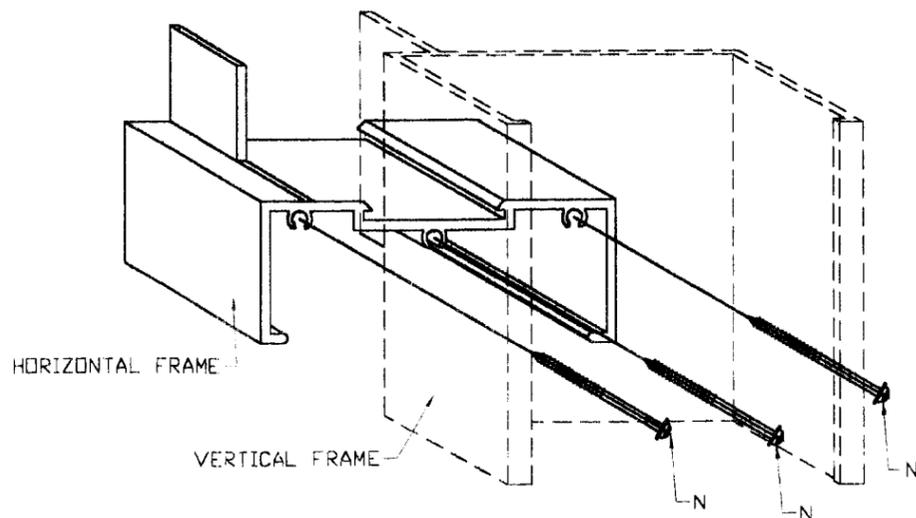
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NOA# **02-0226-01**
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By *Manuel Perez*

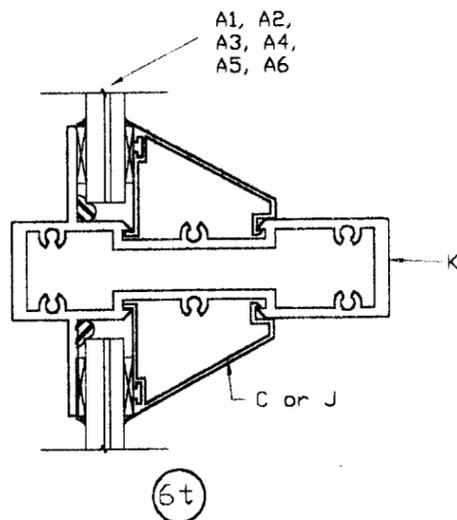
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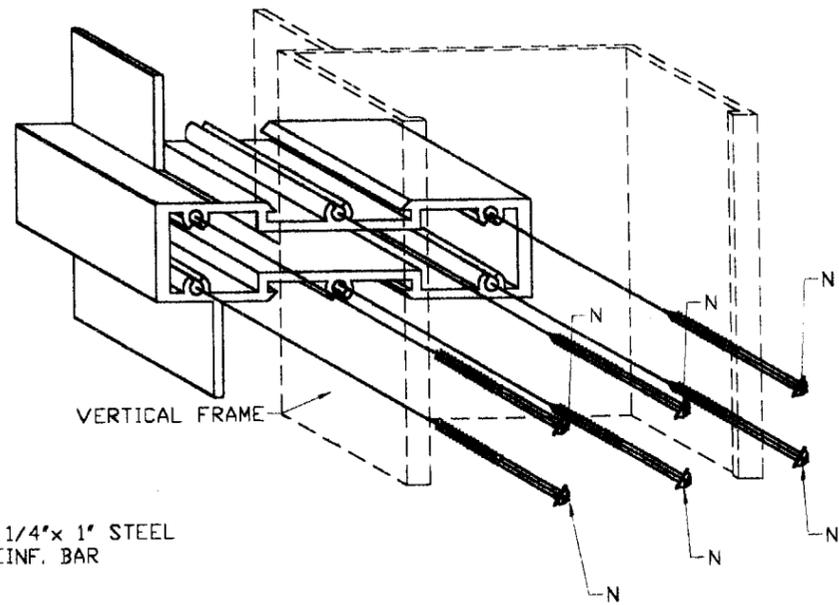
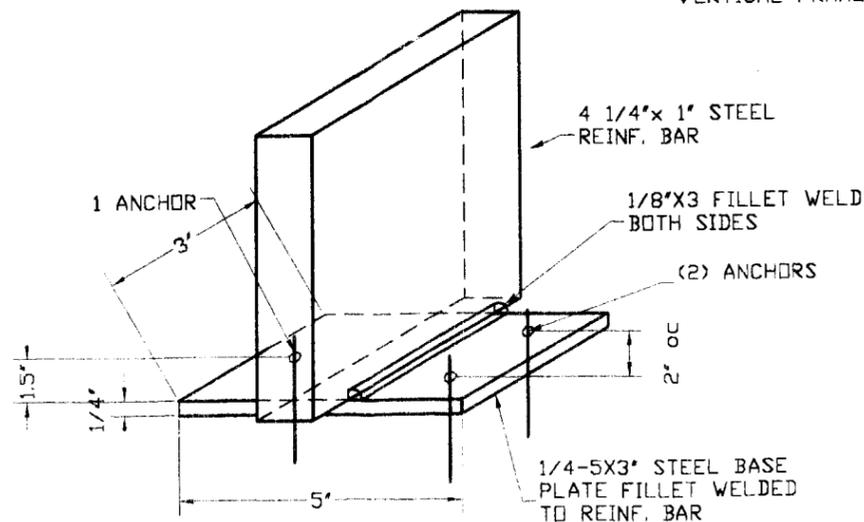
CORNER FRAME ASSEMBLY



HORIZONTAL/ VERTICAL FRAME ASSEMBLY



DETAIL TT



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Sheet
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