



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)

www.buildingcodeonline.com

Innovative Window Concepts, LLC
1801 Corporate Drive
Boynton Beach, FL 33426

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: Series 2041/2062 Aluminum Horizontal Sliding Window-L.M.I.

APPROVAL DOCUMENT: Drawing No. **W06-63**, titled "Series 2041/2062 Aluminum Horizontal Sliding Window", sheets 1 through 5 of 5, prepared by AL-Farooq Corporation, dated 09/27/06, signed and sealed by Humayoun Farooq, 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 and consists of this page 1 and evidence pages E-1, as well as the approval document mentioned above. The submitted documentation was reviewed by **Jaime D. Gascon, P.E.**



J. Gascon
2/1/07

NOA No 06-1020.05
Expiration Date: February 22, 2012
Approval Date: February 22, 2007
Page 1

Innovative Window Concepts, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W06-63**, titled "Series 2041/2062 Aluminum Horizontal Sliding Window", sheets 1 through 5 of 5, prepared by AL-Farooq Corporation, dated 09/27/06, signed and sealed by Humayoun Farooq, 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) Force Entry Test, per FBC 2411 3.2.1 and TAS 202-94 along with marked-up drawings and installation diagram of an aluminum horizontal sliding hung window, prepared by American Test Lab of South Florida, Test Report No. **ATL-0720.01-06**, dated 08/22/06, signed and sealed by Henry Hattem, P.E.

C. CALCULATIONS

1. Anchor calculations, and structural analysis, prepared by Al-Farooq Corporation on 09/25/06, signed and sealed by Humayoun Farooq, P.E.
Complies with ASTM E 1300-98

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

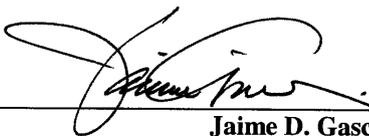
1. Notice of Acceptance No. **01-1204.01** issued to E.I. DuPont DeNemours for "Sentry Glass ® Plus", dated 01/17/02, expiring on 01/14/07.
2. Notice of Acceptance No. **06-0216.06**, issued to Solutia, Inc. for "Saflex III Clear or Colored Interlayer", dated 05/04/06, expiring on 05/21/11.

F. STATEMENTS

1. Statement letter of compliance and no financial interest, dated 09/26/05, signed and sealed by Humayoun Farooq, P.E.

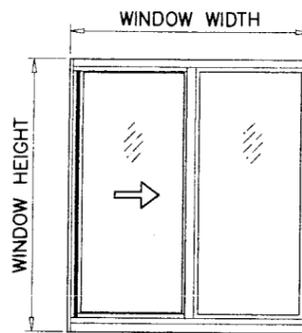
G. OTHER

1. None



Jaime D. Gascon, P.E.
Chief, Product Control Division
NOA No 06-1020.05

Expiration Date: February 22, 2012
Approval Date: February 22, 2007



**EQUAL LITE WINDOWS
(XO OR OX SIZES)**

| WINDOW DIMS. | |
|--------------|---------------|
| WINDOW WIDTH | WINDOW HEIGHT |
| 72" | 24" |
| 72" | 36" |
| 72" | 48" |
| 59-3/8" | 60" |
| 74" | 26" |
| 74" | 38-3/8" |
| 70-3/8" | 50-5/8" |
| 56-1/2" | 63" |

THESE WINDOWS ARE RATED FOR LARGE MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

**SERIES 2041/2062
ALUMINUM HORIZONTAL SLIDING WINDOW**

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF H.S./H.S. OR HORIZONTAL SLIDING WITH OTHER MIAMI-DADE COUNTY APPR'D WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

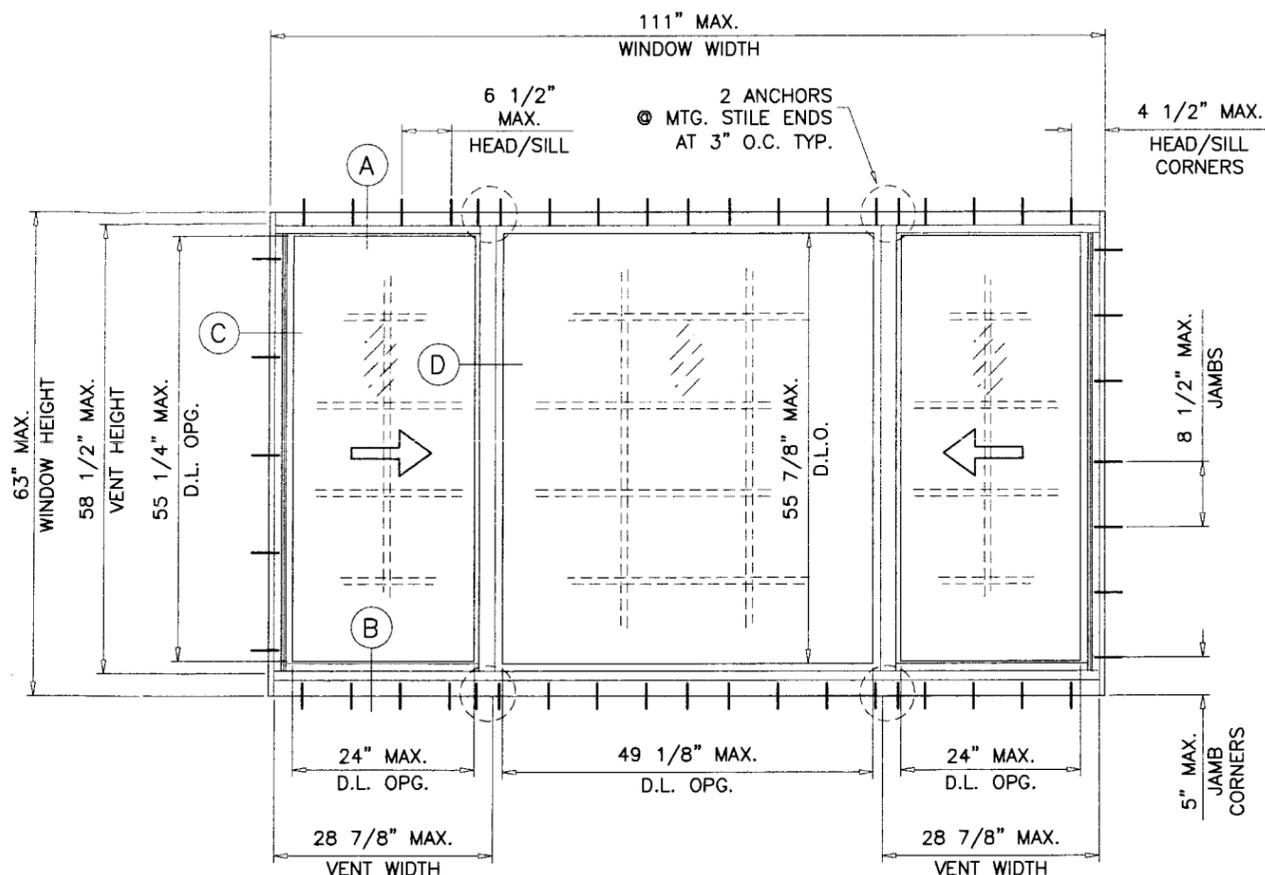
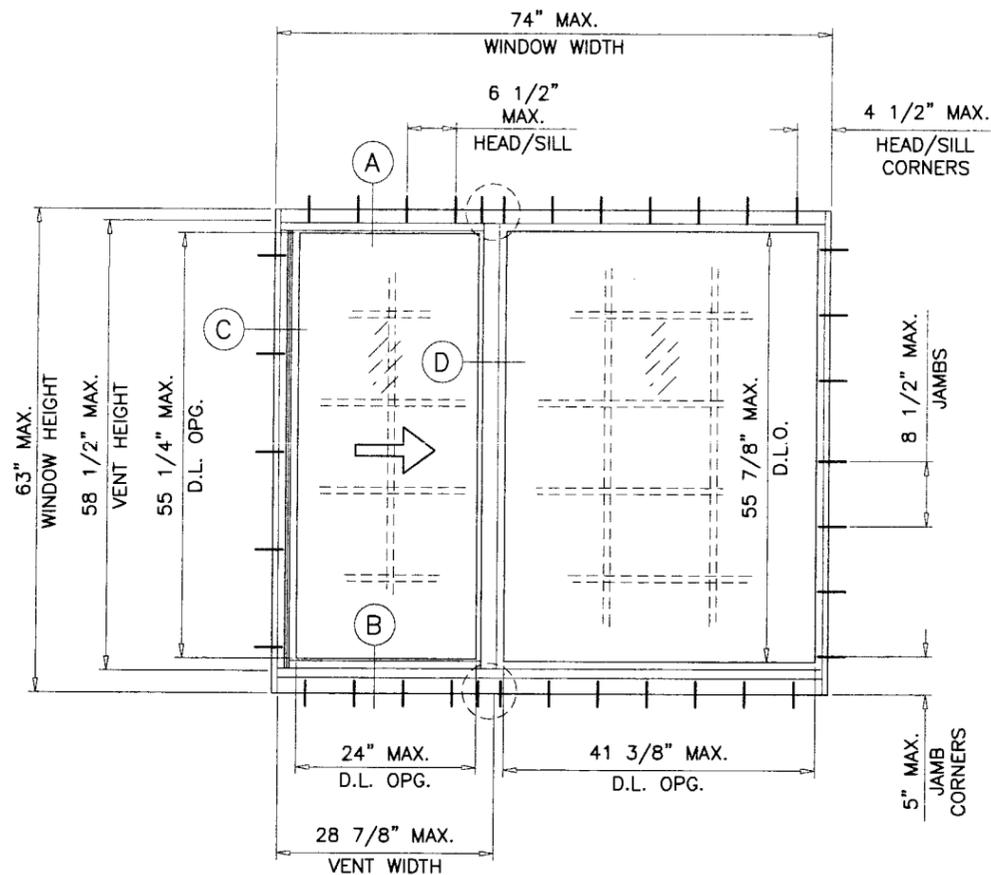
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2004 FLORIDA BLDG. CODE SECTION 2003.8.4.

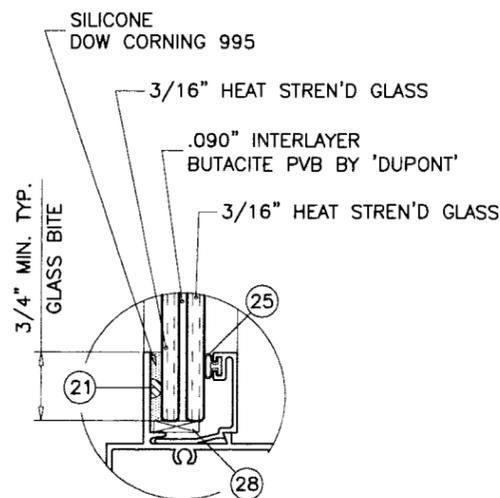


TYPICAL ELEVATIONS

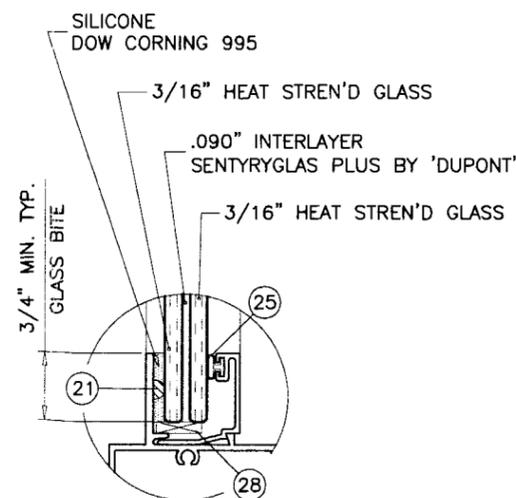
MAXIMUM DESIGN LOAD RATING = + 75.0 PSF
(FOR SIZES SHOWN ABOVE OR SMALLER) - 85.0 PSF
SERIES 2041

MAXIMUM DESIGN LOAD RATING = + 75.0 PSF
(FOR SIZES SHOWN ABOVE OR SMALLER) - 100.0 PSF
SERIES 2062

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-02 (3 SEC. GUSTS)



SERIES 2041



SERIES 2062

GLAZING OPTIONS

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE. # 16557
C.A.N. 3538

Signature
OCT 16 2006

Approved as complying with the
Florida Building Code
Date: 02/18/07
NOA# 06-1020-05
Miami Dade Product Control
Division
By: *Signature*

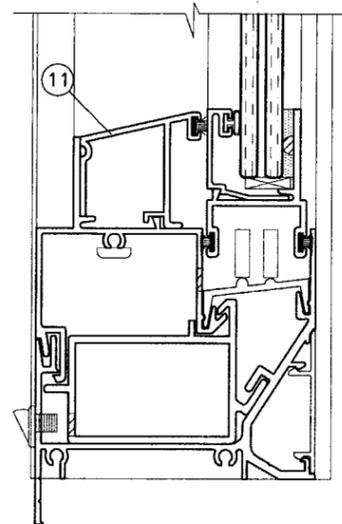
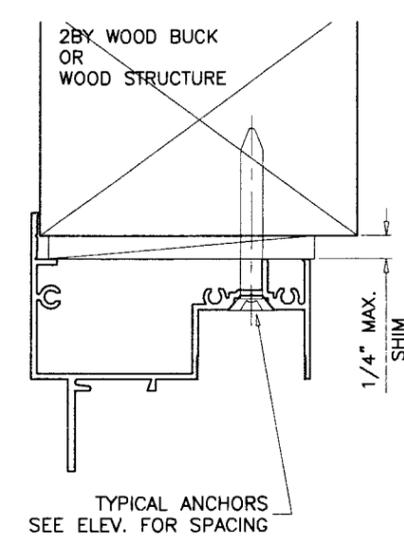
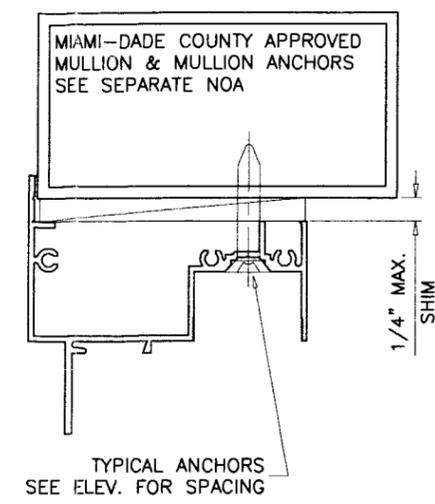
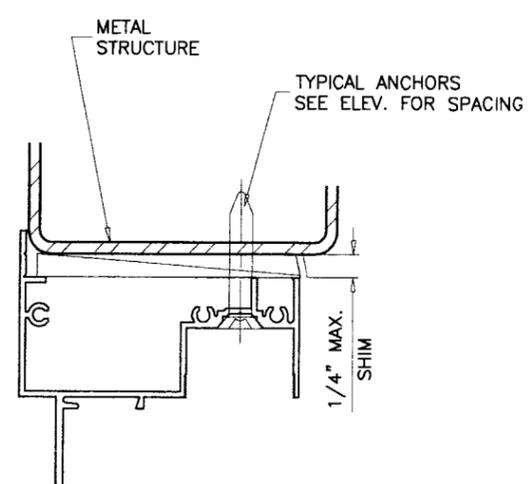
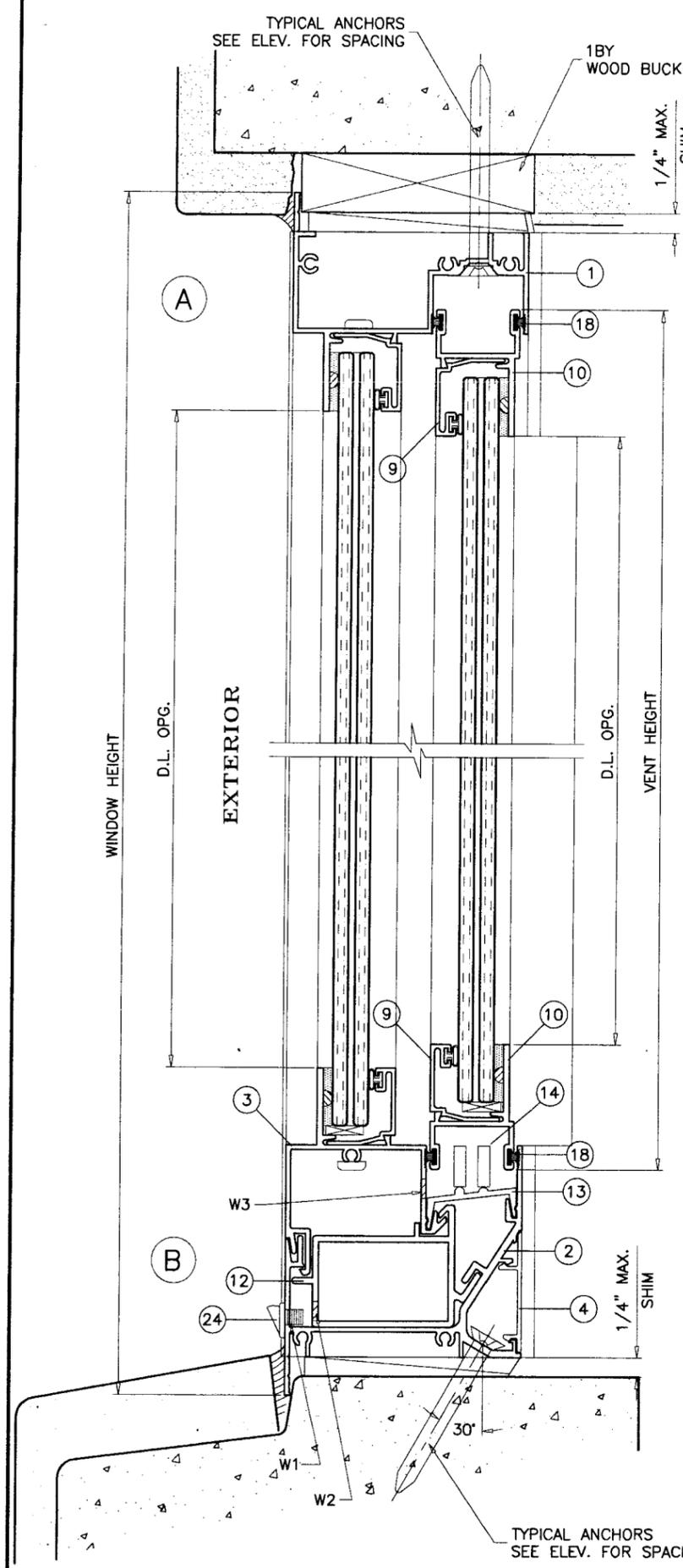
afC
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL/W06-63JWC

SERIES 2041/2062 ALUM HORIZONTAL SLIDING WDW.
INNOVATIVE WINDOW CONCEPTS
505 INDUSTRIAL WAY
BOYNTON BEACH, FL. 33426
TEL. (561) 493-2303 FAX. (561) 493-2302

| no | date | by | description |
|----|------|----|-------------|
| | | | |

date: 09-27-06
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by: *Signature*

drawing no. **W06-63**
sheet 1 of 5



WOOD BUCKS AND METAL STRUCTURE NOT BY I.W.C. MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

- 1/4" TAPCONS**
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-3/8" MIN. PENETRATION INTO WOOD
 THRU 1BY BUCKS INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY
 DIRECTLY INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

- #14 SMS OR SELF DRILLING SCREWS**
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")
 INTO METAL STRUCTURES
 STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

- TYPICAL EDGE DISTANCE**
 INTO CONCRETE AND MASONRY = 2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.
 INTO METAL STRUCTURE = 1/2" MIN.

SEALANTS:
 ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SCHNEE MOREHEAD SEAM SEALER SM5504.

- WEEPHOLES:**
 W1 = 1-5/8" X 1/4" WEEPHOLES AT 7-1/8" FROM EACH END AND 24" O.C. WITH WEEP COVER
 W2 = 1" X 1/4" WEEP SLOTS UNDER FIXED LITE AT 24" O.C.
 W3 = 1" X 1/4" WEEP SLOTS ON VENT AREA AT 5" FROM ENDS AND 7-3/4" O.C.

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538
 OCT 16 2006

Approved as complying with the Florida Building Code
 Date 02/22/07
 NOA# 06-1020-05
 Miami-Dade Product Control

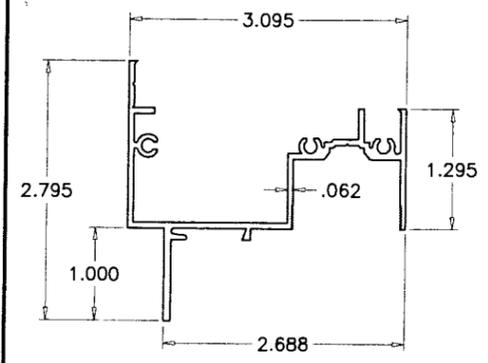
afc
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W06-63IWC

SERIES 2041/2062 ALUM HORIZONTAL SLIDING WDW.
INNOVATIVE WINDOW CONCEPTS
 505 INDUSTRIAL WAY
 BOYNTON BEACH, FL. 33426
 TEL. (561) 493-2303 FAX. (561) 493-2302

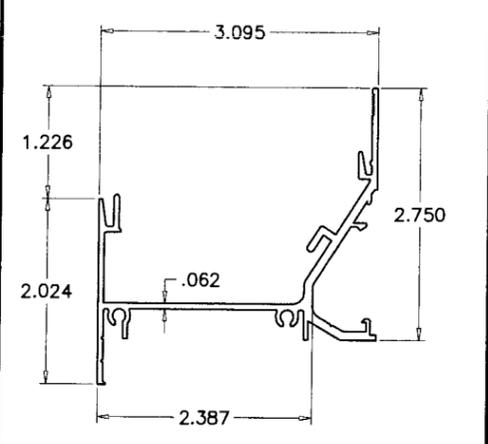
| revisions: | no | date | by | description |
|------------|----|------|----|-------------|
| | | | | |

date: 09-27-06
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

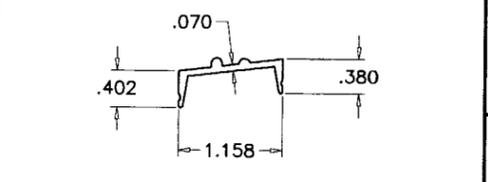
drawing no.
W06-63
 sheet 2 of 5



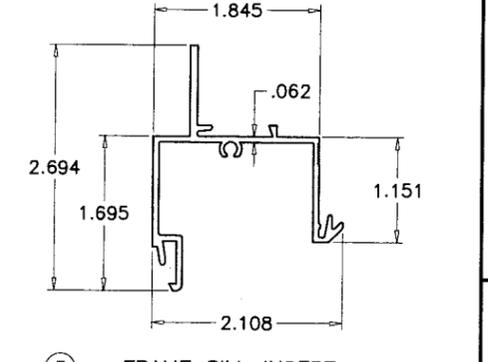
① FRAME HEAD



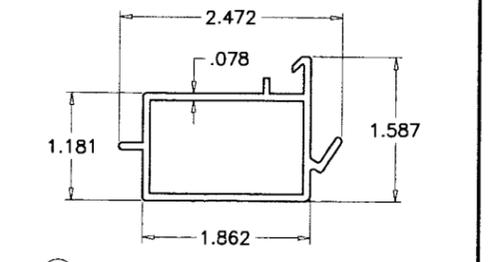
② FRAME SILL BASE



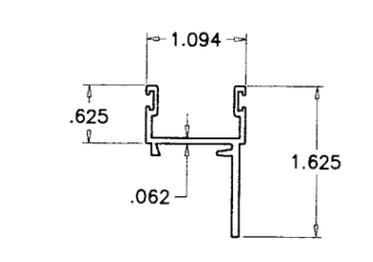
⑬ SILL TRACK



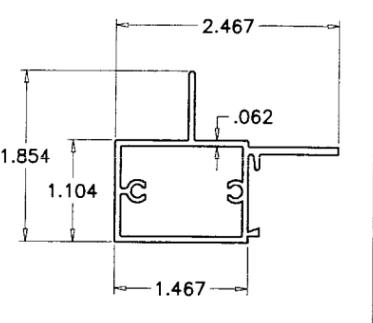
③ FRAME SILL INSERT



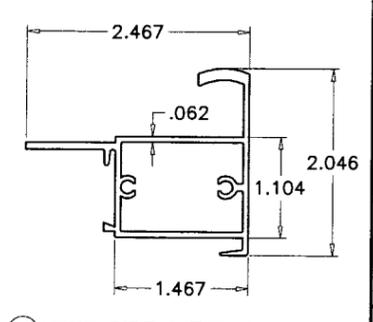
⑫ SILL REINFORCING



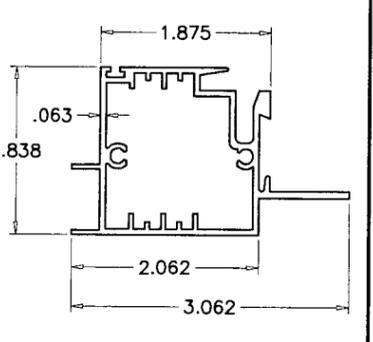
⑩ VENT TOP/BOTTOM RAIL



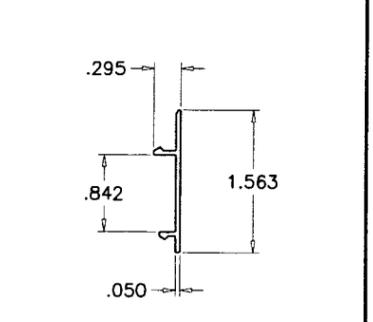
⑧ VENT SIDE PULL



⑦ VENT SIDE INTERLOCK



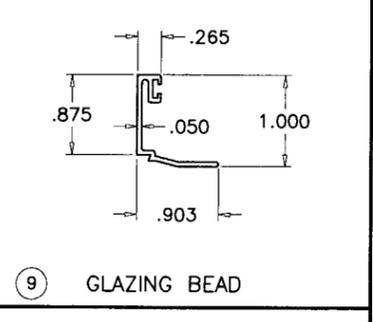
⑥ FIXED MTG. STILE



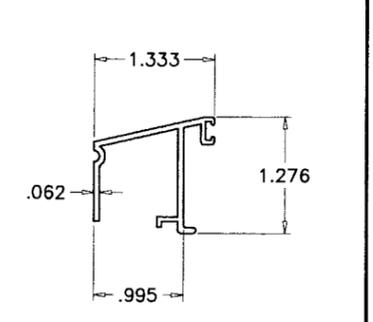
④ FRAME SILL COVER



⑨ GLAZING BEAD



⑤ FRAME JAMB



⑪ WATER SHED

| ITEM | PART # | QUANTITY | DESCRIPTION | MATERIAL | MANF./SUPPLIER/REMARKS |
|------|---------|----------|----------------------------------|---------------------------|-----------------------------|
| 1 | 021-005 | 1 | FRAME HEAD | 6063-T5 | - |
| 2 | 021-014 | 1 | FRAME SILL BASE | 6063-T5 | - |
| 3 | 021-013 | 1 | FRAME SILL INSERT | 6063-T5 | - |
| 4 | 021-015 | 1 | FRAME SILL COVER | 6063-T5 | - |
| 5 | 021-006 | 2 | FRAME JAMB | 6063-T5 | - |
| 6 | 022-007 | 1/ | VENT | FIXED MEETING STILE | 6063-T5 |
| 7 | 022-004 | 1/ | VENT | VENT SIDE INTERLOCK | 6063-T5 |
| 8 | 022-019 | 1/ | VENT | VENT SIDE PULL | 6063-T5 |
| 9 | 021-011 | 4/ | GLASS | GLAZING BEAD | 6063-T5 |
| 10 | 021-003 | 2/ | VENT | VENT TOP/BOTTOM RAIL | 6063-T5 |
| 11 | 021-039 | 1/ | VENT | WATER SHED | 6063-T5 |
| 12 | 022-038 | - | SILL REINFORCEMENT, 12" LONG | 6063-T5 | 1/ MTG. RAIL & 1 BELOW FIX. |
| 13 | 021-016 | 1 | TRACK | ALUMINUM | - |
| 14 | 010-004 | 2/ | VENT | WHEEL HOUSING ASSEMBLY | RIGID PVC M & M PLASTICS |
| 15 | 004-002 | 2/ | VENT | SWEEP LOCK (PD207) | - SULLIVAN & ASSOC. |
| 16 | 008-014 | AS REQD. | ASSEMBLY SCREWS | ST/ST | #8 X 1" PH SMS |
| 17 | 008-031 | 4 | MTG. RAIL ASSEMBLY SCREWS | ST/ST | #10 X 1" PH SMS |
| 18 | 016-002 | AS REQD. | .187 X 170 WOOL PILE W/ FIN SEAL | FELT | ULTRAFAB |
| 19 | 023-001 | AS REQD. | .187 X .270 FOAM FILLED BULB | VINYL | AMESBURY |
| 20 | 012-004 | AS REQD. | GLAZING COMPOUND | SILICONE | DOW 995 |
| 21 | 015-006 | AS REQD. | 1/8" SPACER | ACRYLIC | FRANK LOWE RUBBER |
| 22 | 012-001 | - | SM5504 SEAM SEALER | - | SCHNEE MOREHEAD |
| 23 | 010-014 | AS REQD. | BAFFLE | NYLON | M & M PLASTICS |
| 24 | 010-015 | AS REQD. | WEEP COVER | NYLON | PREFERRED ENGINEERING |
| 25 | 015-001 | AS REQD. | .185 X 220 BULB VINYL | VINYL | MASTER TOOL |
| 26 | 010-002 | 2/ | VENT | END CAP | ACETYL M & M PLASTICS |
| 27 | - | - | - | - | - |
| 28 | 015-010 | 2/ | LITE | 1/8" X 1/2" SETTING BLOCK | NEOPRENE FRANK LOWE RUBBER |
| 29 | - | - | - | - | - |

Engr. DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 18557
C.A.N. 3538

OCT 16 2006

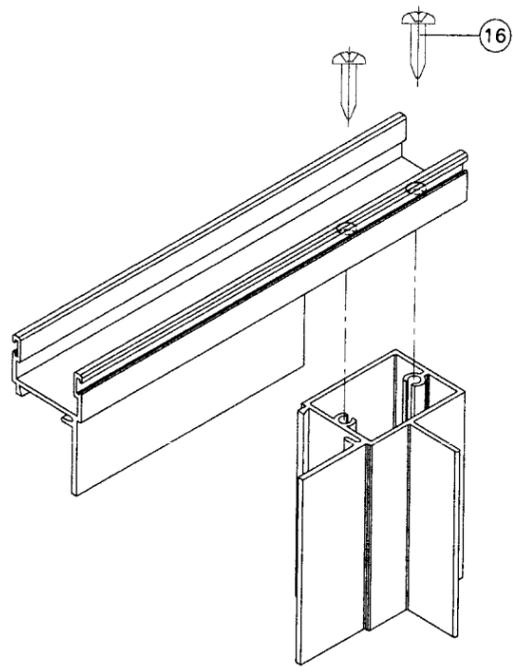
Approved as complying with the
Florida Building Code
Date 02/22/07
No. 06-1020-05
Without Trade Product Control

[Signature]

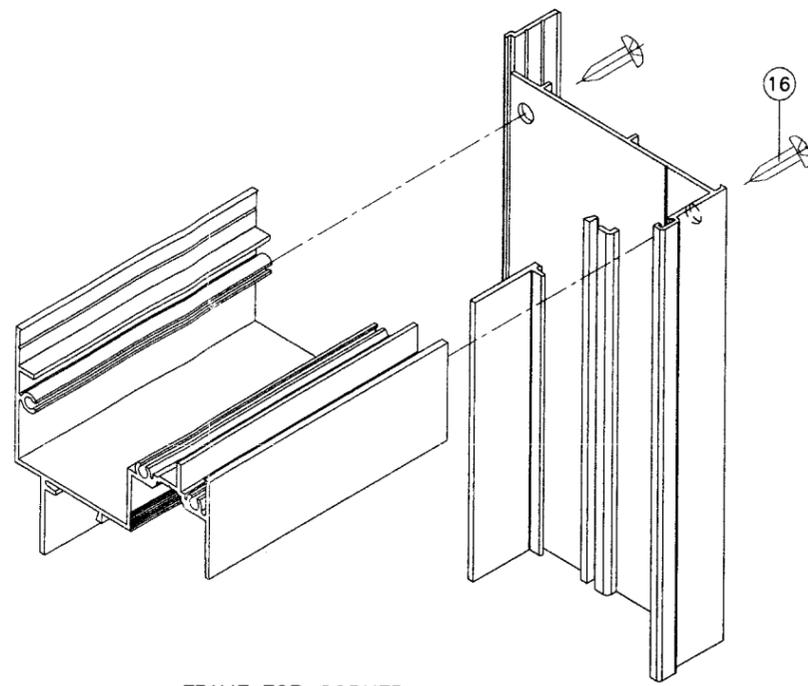
af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W06-63IWC

SERIES 2041/2062 ALUM HORIZONTAL SLIDING WDW.
INNOVATIVE WINDOW CONCEPTS
505 INDUSTRIAL WAY
BOYNTON BEACH, FL. 33426
TEL. (561) 493-2303 FAX. (561) 493-2302

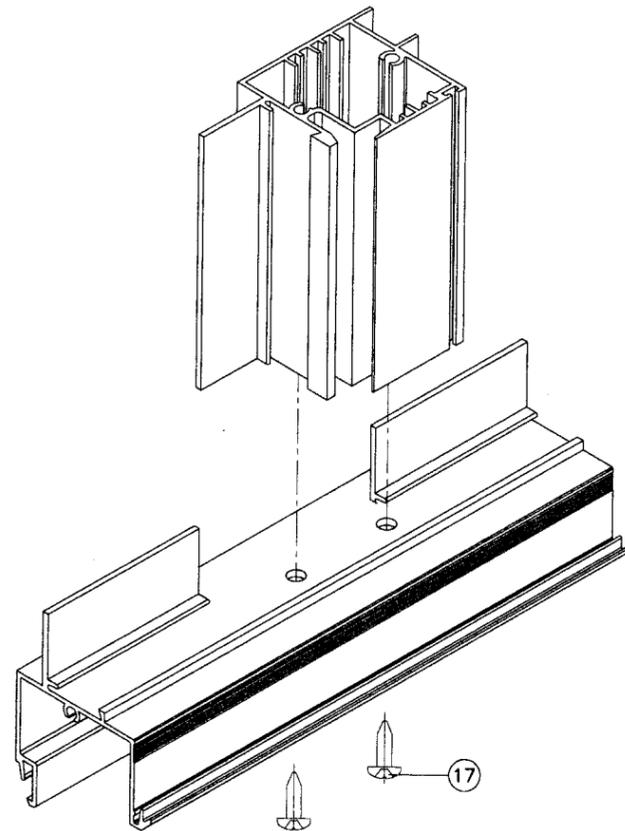
| | | | | |
|-------------|----------|----------|-----------|-------------|
| revisions: | no | date | by | description |
| | | | | |
| date: | 09-27-06 | scale: | 1/2" = 1" | |
| dr. by: | HAMID | chk. by: | | |
| drawing no. | W06-63 | | | |
| sheet | 4 of 5 | | | |



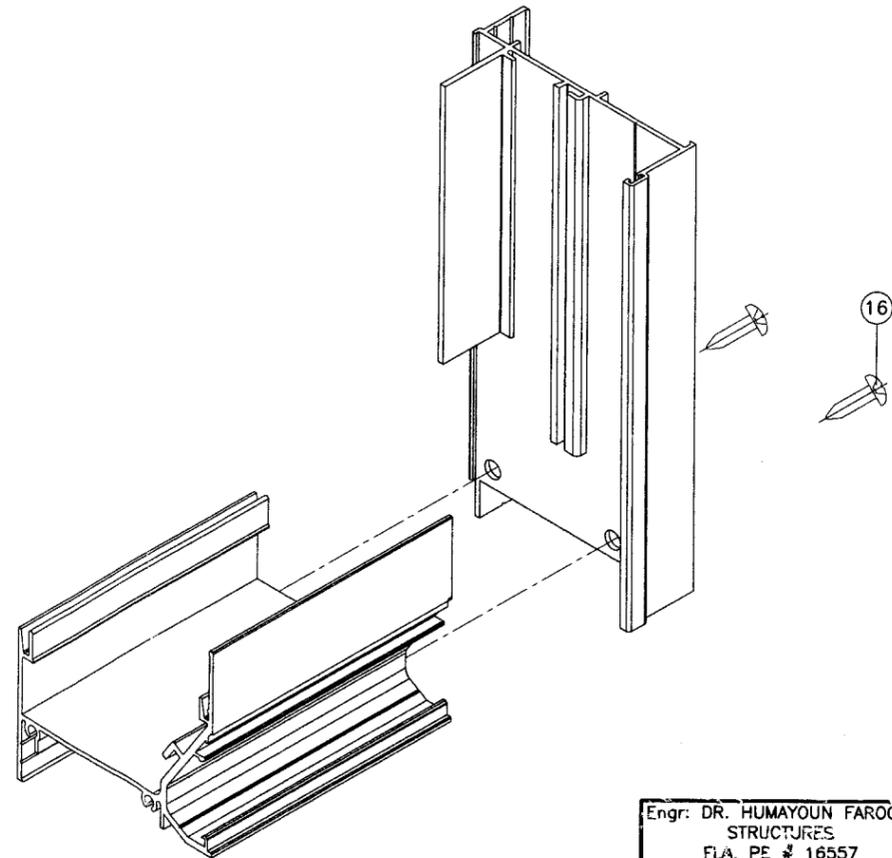
VENT TOP/BOTTOM CORNERS



FRAME TOP CORNER



FIXED MTG. RAIL CORNER



FRAME BOTTOM CORNER

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538

[Signature]
 OCT 11 2007

Approved as complying with the
 Florida Building Code
 Date: 02/22/07
 NOA# 06-1020-05
 Miami Dade Product Control
[Signature]

af c

AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W06-63IWC

SERIES 2041/2062 ALUM HORIZONTAL SLIDING WDW.
INNOVATIVE WINDOW CONCEPTS
 505 INDUSTRIAL WAY
 BOYNTON BEACH, FL. 33426
 TEL. (561) 493-2303 FAX. (561) 493-2302

| revisions: | no | date | by | description |
|------------|----|------|----|-------------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

date: 09-27-06
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W06-63

sheet 5 of 5