



**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) 372-6339**

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

**Fenestra-America, LLC
5300 Kings Highway
Brooklyn, NY 11234**

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 "FA-H2750 W+C" Wood Double Hung Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W08-09**, titled "FA-H2750 W+C Wood Double Hung Wdw.", sheets 1 through 5 of 5, dated 01/24/08 with revision A dated 08/01/08, prepared by Al-Farooq Corporation, signed and sealed by Arshad Viqar, 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 Resistant

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 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Manuel Perez, P.E.**



**NOA No. 08-0714.11
Expiration Date: December 16, 2014
Approval Date: December 16, 2009
Page 1**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **W08-09**, Sheets 1 through 5 of 5, titled "FA-H2750 W+C Wood Double Hung Wdw.", dated 01/24/08 with revision A dated 08/01/08, prepared by Al-Farooq Corporation, signed and sealed by Arshad Viqar, 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) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of wood double hung window, prepared by Architectural Testing, Test Report No. **ATI-55585.05-122-18**, dated 07/26/05 with revision dated 08/04/08, signed and sealed by Michael D. Stremmel, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004 and 2007, prepared by Al-Farooq Corporation, dated 6/13/08, signed and sealed by Humayoun Farooq, P.E. and Arshad Viqar, P.E. **Complies with ASTM E1300-02/04**

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

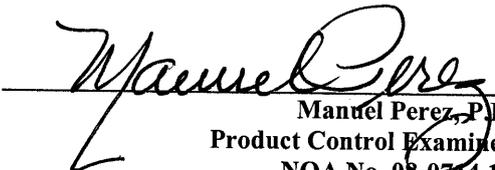
1. Notice of Acceptance No. **06-0216.06** issued to Solutia Inc. for their "**Saflex III G Clear or colored Interlayer**" dated 05/04/06, expiring on 05/21/11.

F. STATEMENTS

1. Statement letter of conformance, dated June 13, 2008, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated June 13, 2008, signed and sealed by Humayoun Farooq, P.E.
3. Letter of *Adoption of as his Own, the Work of Another Engineer* per Section 61G15-27 of the FBPE, dated May 13, 2009 signed and sealed by Arshad Viqar, P.E.
4. Distributor Agreement document in conformance to BCCO guidelines dated 06/10/09 signed by Elisa Zefferani and Roy Zeluck.

G. OTHER

1. None.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 08-0714.11
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**SERIES FA-H2750 W+C
WOOD DOUBLE HUNG WINDOW**

THESE WINDOWS CAN BE INSTALLED AS SINGLE UNITS OR IN COMBINATION WITH MIAMI-DADE COUNTY APPROVED PRODUCTS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURES FROM WINDOWS, DOORS 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 2004/2007 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

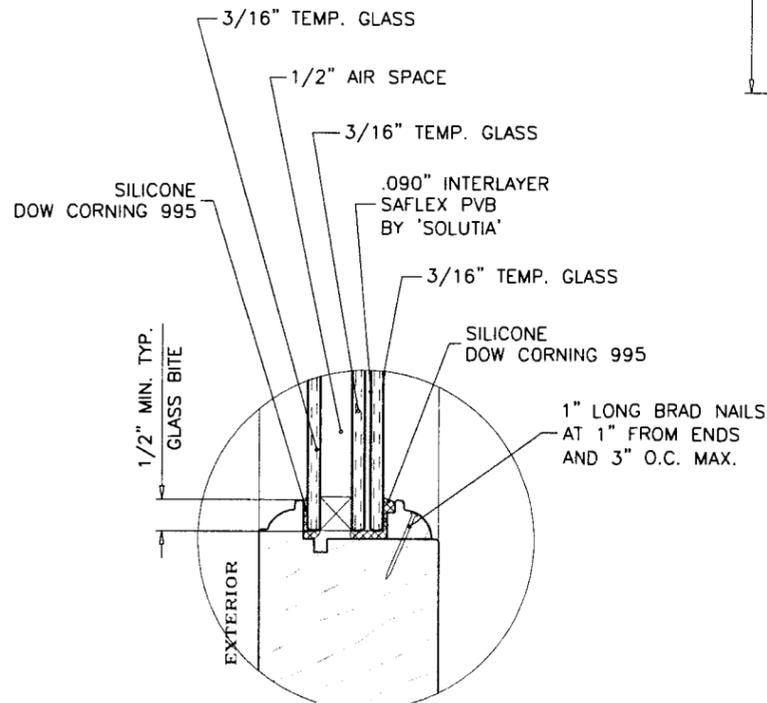
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

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.

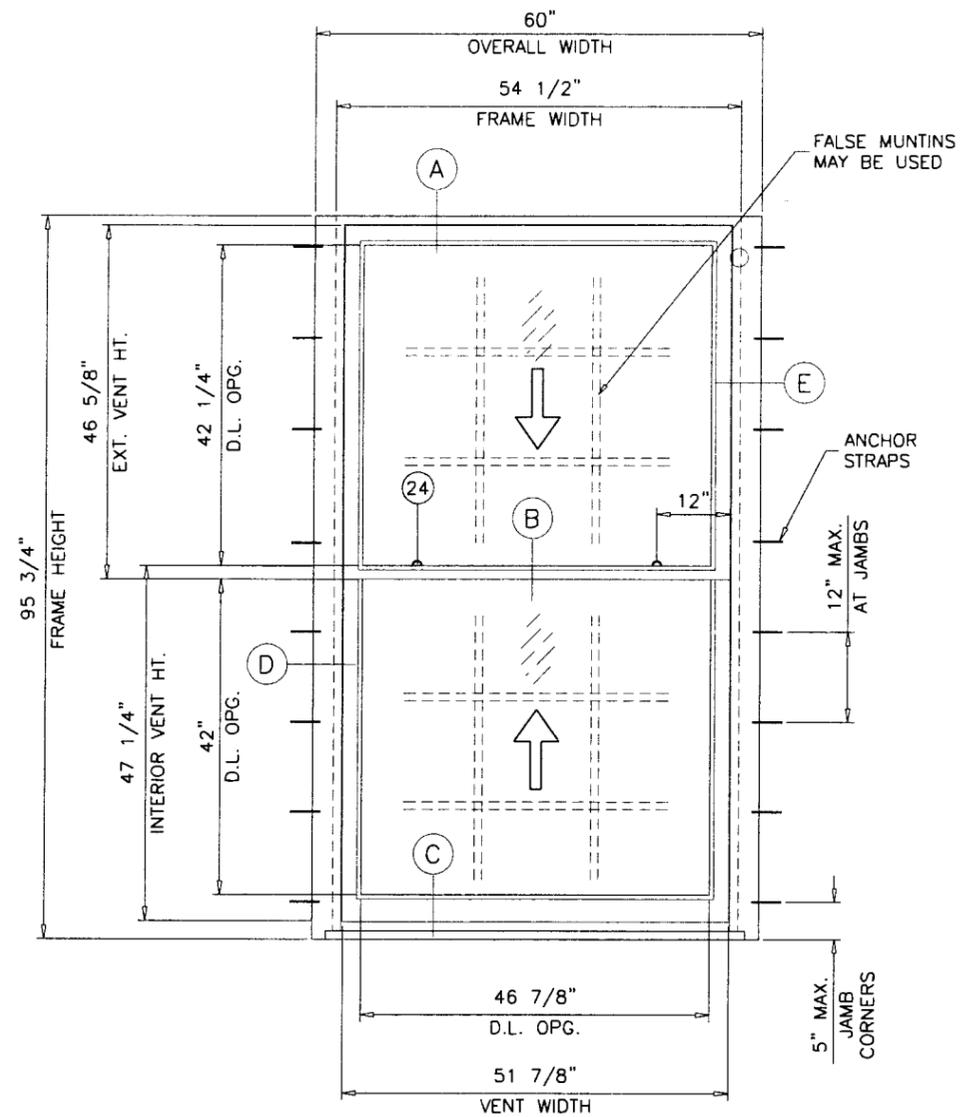
A LOAD DURATION INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2004/2007 FLORIDA BLDG. CODE SECTION 2003.8.4.



GLAZING DETAIL
1-1/8" OVERALL
LAMINATED INSULATING GLASS

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-02/04 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219



TYPICAL ELEVATION

MAXIMUM DESIGN LOAD RATING = + 55.0 PSF
(FOR SIZES SHOWN OR SMALLER) - 65.0 PSF

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

Engr: ARSHAD VIQAR
CIVIL
FLA. PE # 38863
C.A.N. 3538
MAY 14 2009

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Miami Dade Product Control
Division
By: *Manuel Perez*

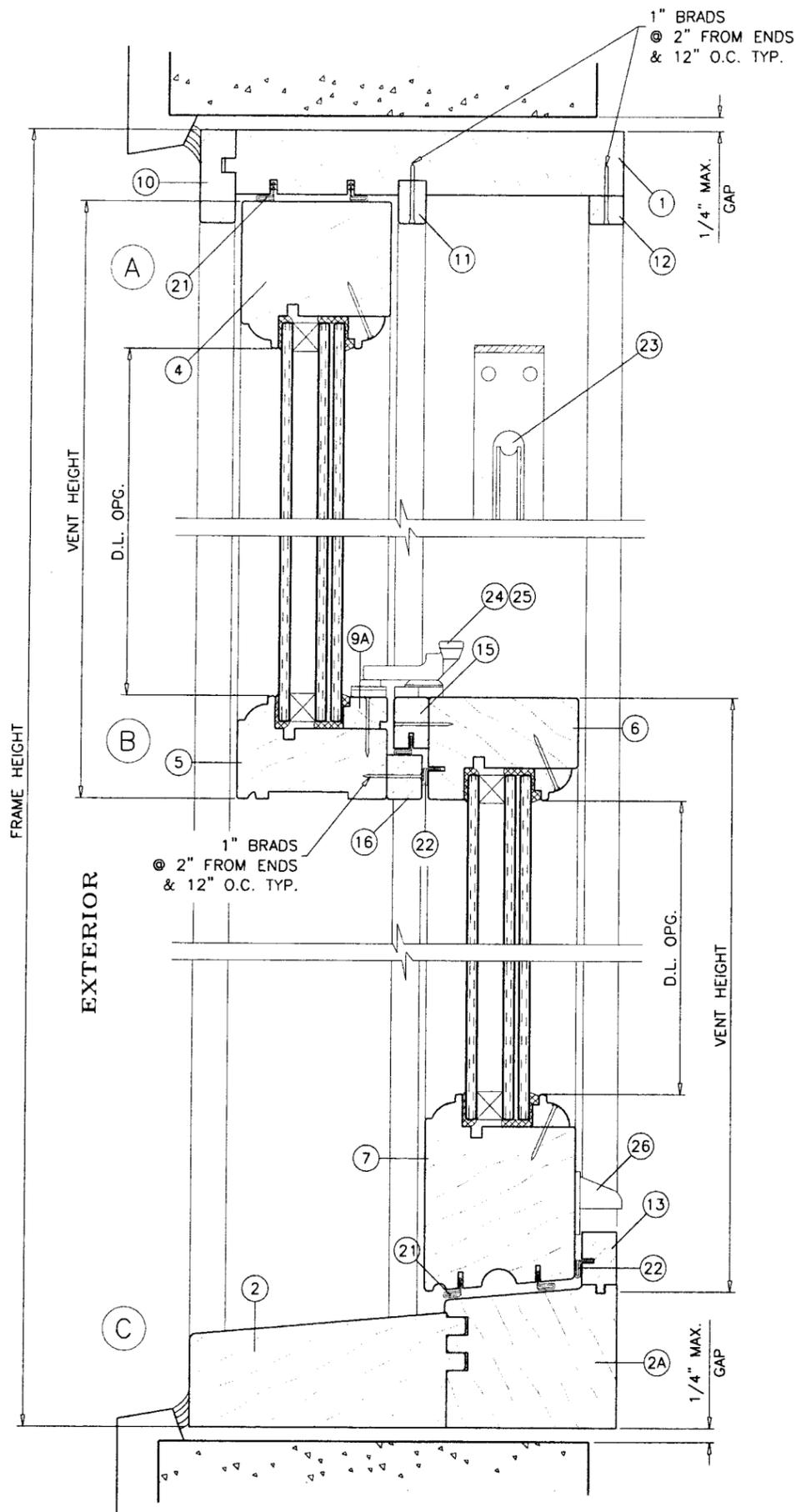
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W08-09FA

FA-H2750 W+C WOOD DOUBLE HUNG WDW.
FENESTRA-AMERICA
25 PRESTON COURT
BROOKLYN, NY 11234
TEL. (718) 251-7387 FAX. (718) 531-2564

revisions:	no.	date	by	description
	A	08.01.08	REV.	PER BCCO COMMENTS

date: 01-24-08
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W08-09
sheet 1 of 5



WOOD BUCKS AND METAL STRUCTURE NOT BY FENESTRA-AMERICA
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

- #12 SMS**
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD
- 3/16" DIA. TAPCON BY 'ITW'** (Fu=120 KSI, Fy=92 KSI)
- 3/16" DIA. ULTRACON BY 'ELCO'** (Fu=177 KSI, Fy=155 KSI)
- INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" 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
1-3/8" MIN. EMBED INTO CONC. OR MASONRY
- #12 SMS OR SELF DRILLING SCREWS** (GRADE 2 CRS)
- 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 = 1" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 1/2" MIN.

CONCRETE f'c = 3000 PSI MIN.
MASONRY f'm = 1500 PSI MIN.

SEALANTS:
FRAME CORNERS, INTERIOR AND EXTERIOR OF GLAZING
TO BE SEALED WITH SILICONE SEALANT.
ALL WOOD TO WOOD JOINTS GLUED WITH
'PHENYL RESORCINOL' WATER PROOF ADHESIVE.

Engr: ARSHAD VIQAR
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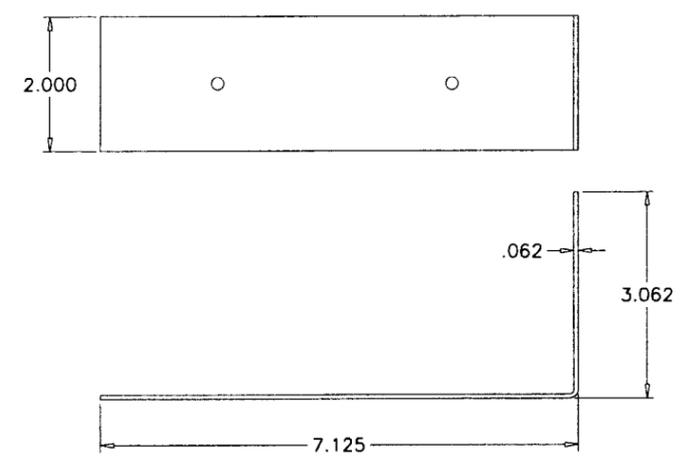
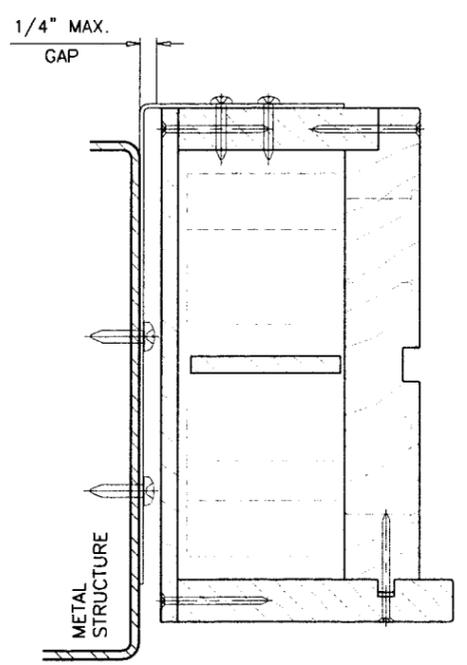
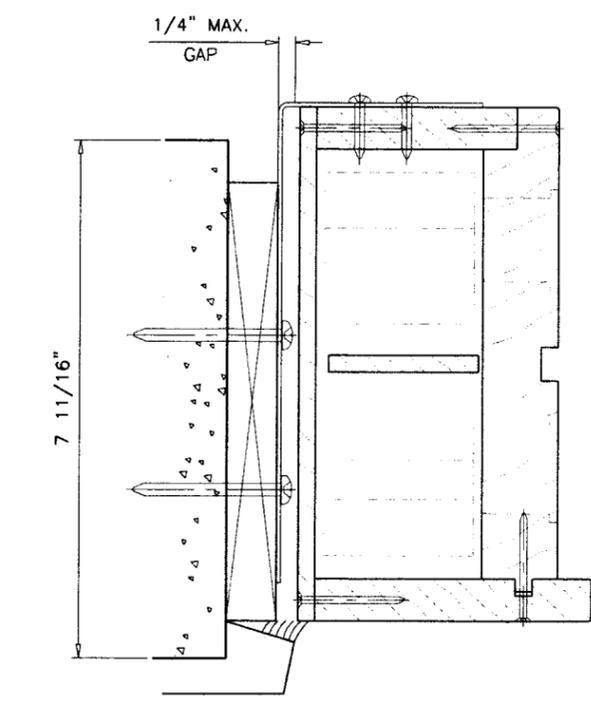
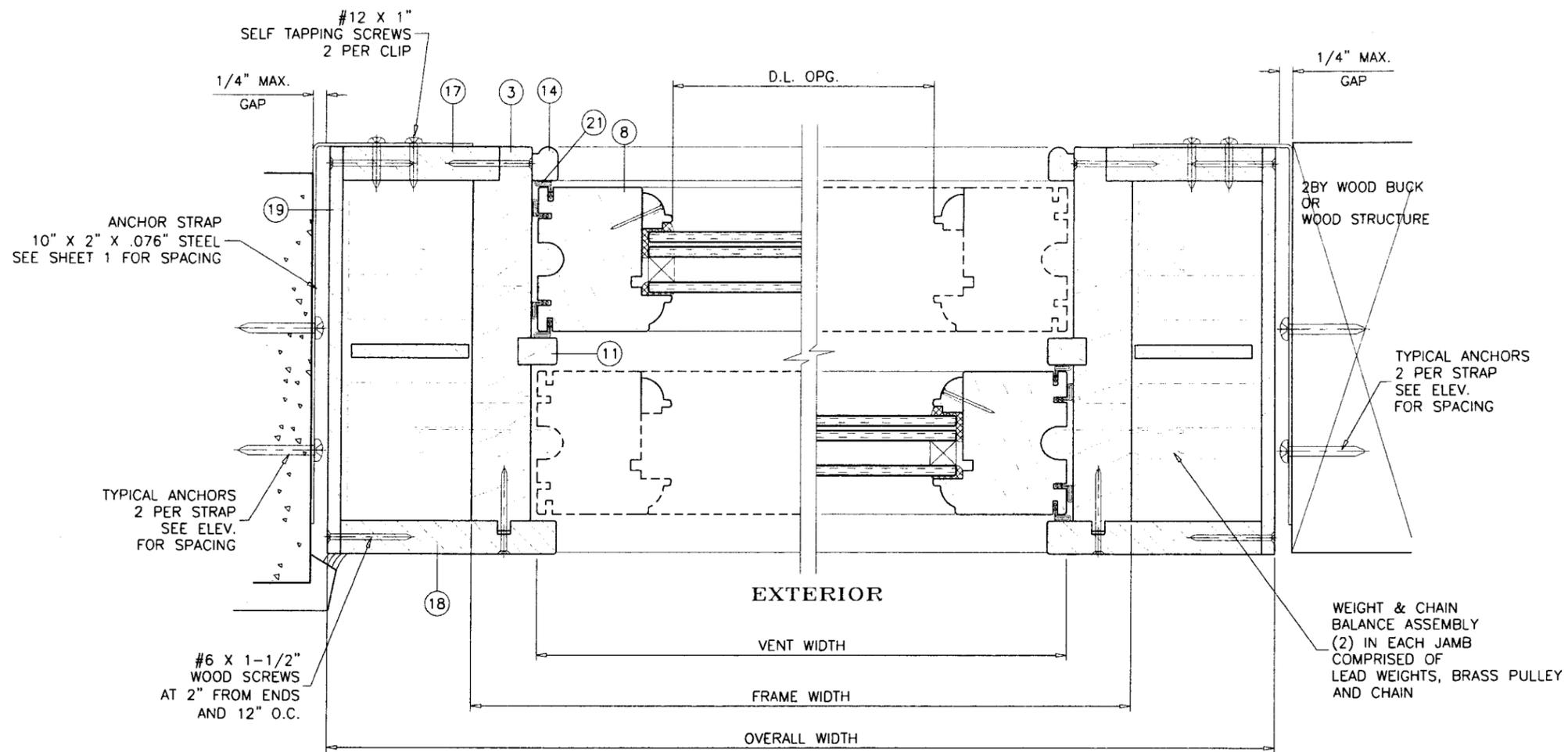
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no	date	description
A	08/01/08	REV. PER BCCO COMMENTS

date: 01-24-08
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

drawing no.
W08-09
sheet 2 of 5



STEEL ANCHOR STRAP

Engr: ARSHAD VIQAR
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 Division
 By Manuel Perez

Ar
 MAY 14 2009

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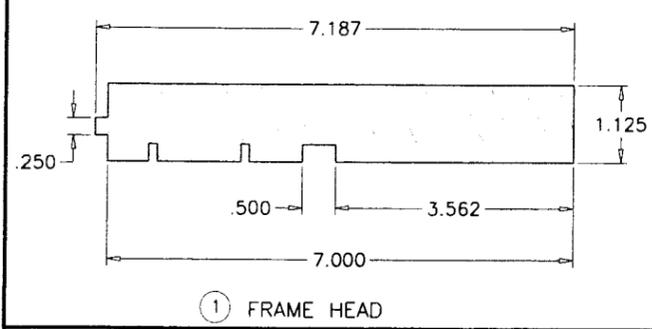
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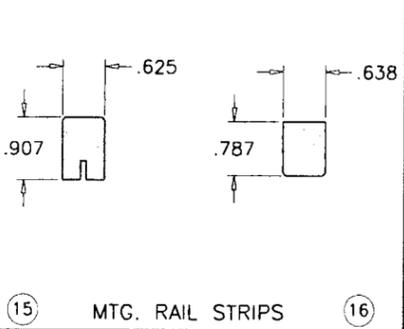
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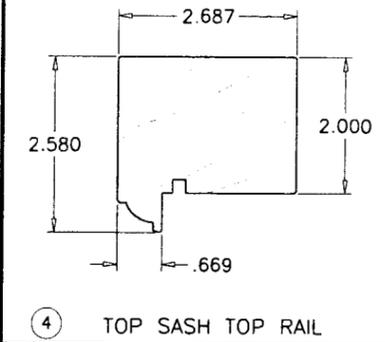
ITEM #	PART NO.	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	1	FRAME HEAD	WOOD	-
2	-	1	EXTERIOR SILL	WOOD	-
2A	-	1	INTERIOR SILL	WOOD	-
3	-	2	FRAME JAMB	WOOD	-
4	-	1	TOP SASH TOP RAIL	WOOD	-
5	-	1	TOP SASH BOTTOM RAIL	WOOD	-
6	-	1	BOTTOM SASH TOP RAIL	WOOD	-
7	-	1	BOTTOM SASH BOTTOM RAIL	WOOD	-
8	-	2	SASH JAMB	WOOD	-
9	-	AS REQD.	GLAZING STOP	WOOD	-
9A	-	AS REQD.	GLAZING STOP AT LOCK	WOOD	-
10	-	AS REQD.	SASH STOP AT EXTERIOR	WOOD	-
11	-	AS REQD.	SASH STOP AT CENTER	WOOD	-
12	-	AS REQD.	SASH STOP AT INTERIOR	WOOD	-
13	-	AS REQD.	SASH STOP AT SILL	WOOD	-
14	-	AS REQD.	SASH STOP AT INTERIOR	WOOD	-
15	-	1	MTG. RAIL STRIP	WOOD	-
16	-	1	MTG. RAIL STRIP	WOOD	-
17	-	2	INTERIOR COVER	WOOD	-
18	-	2	EXTERIOR COVER	WOOD	-
19	-	2	JAMB COVER	WOOD	-
20	-	-	-	-	-
21	Q-LON	AS REQD.	CUSTOM SHAPED VINYL COVERED FOAM W'STRIPPING	-	SCHLEGEL
22	NO.3X	AS REQD.	5/16" DIA. HOLLOW BULB VINYL W'STRIPPING	-	ROVERPLASTICS
23	BBBP-3	4	BALL BEARING BRASS PULLEY	-	ZELUCK
24	NO. AWD-102	2	SASH LOCK AT 12" FROM ENDS ON INT. MTG. RAIL	-	BRONZE CRAFT
25	NO. AWD-100-1	2	SASH LOCK KEEPER ALLIGNED WITH LOCKS ON EXT. MTG. RAIL	-	BRONZE CRAFT
26	NO. 26	2	SASH LIFT	-	BRONZE CRAFT



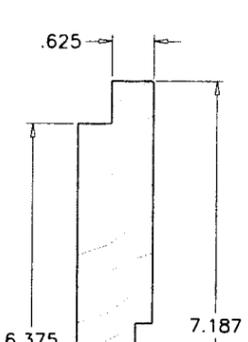
① FRAME HEAD



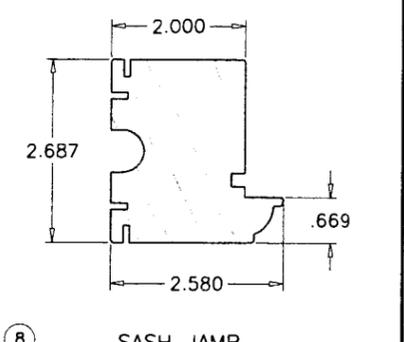
⑮ MTG. RAIL STRIPS ⑯



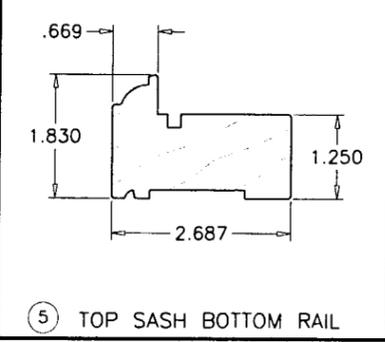
④ TOP SASH TOP RAIL



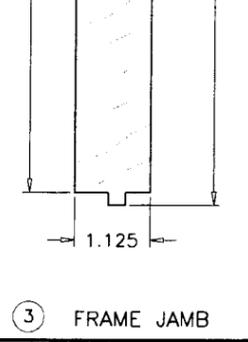
③ FRAME JAMB



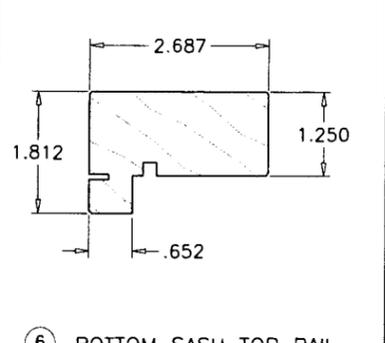
⑧ SASH JAMB



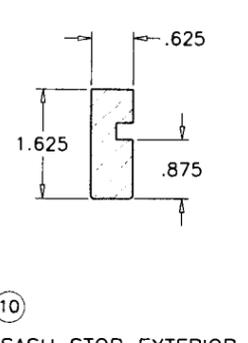
⑤ TOP SASH BOTTOM RAIL



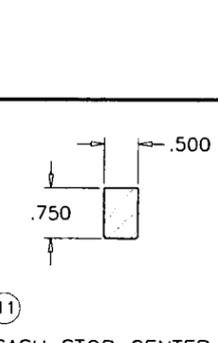
③ FRAME JAMB



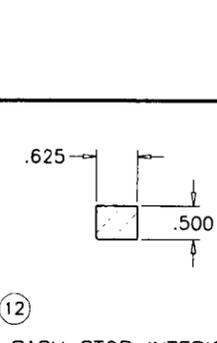
⑥ BOTTOM SASH TOP RAIL



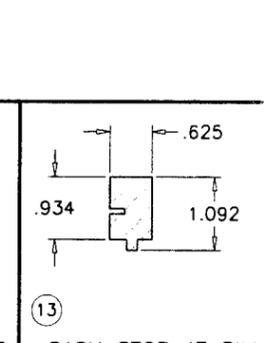
⑩ SASH STOP EXTERIOR



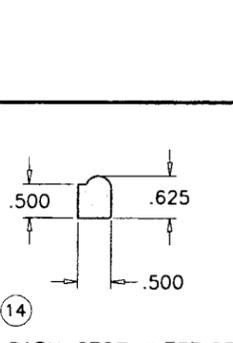
⑪ SASH STOP CENTER



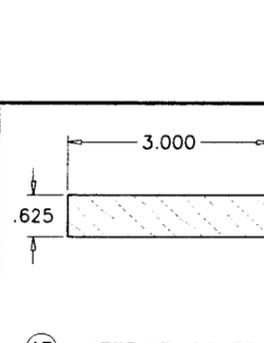
⑫ SASH STOP INTERIOR



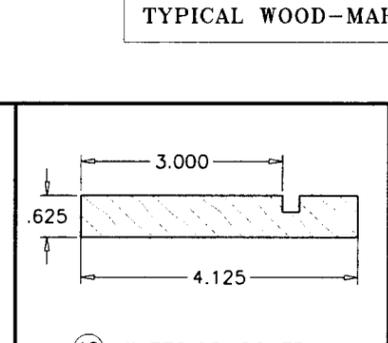
⑬ SASH STOP AT SILL



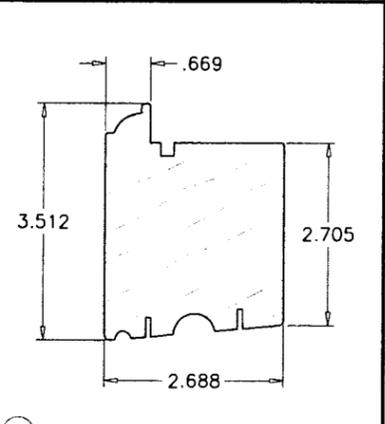
⑭ SASH STOP INTERIOR



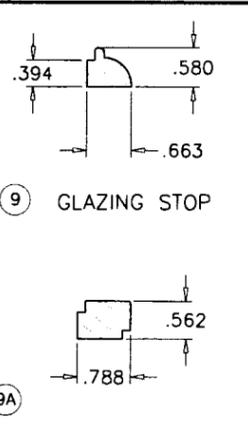
⑰ INTERIOR COVER



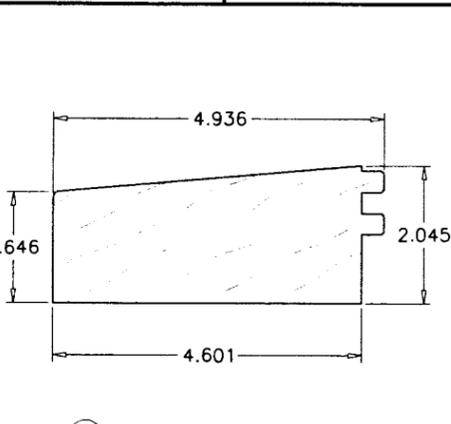
⑱ EXTERIOR COVER



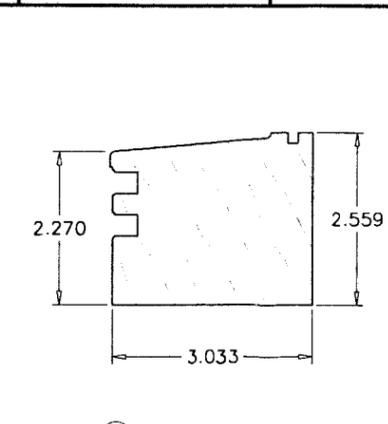
⑦ BOTTOM SASH BOTTOM RAIL



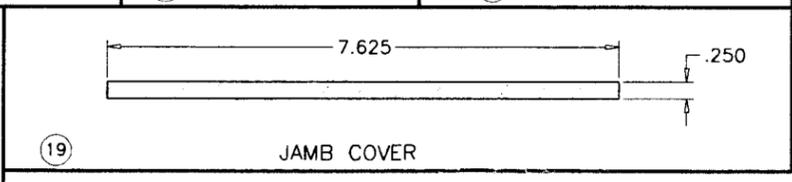
⑨ GLAZING STOP



② EXTERIOR SILL



②A INTERIOR SILL



⑱ JAMB COVER

TYPICAL WOOD-MAHOGANY LUMBER

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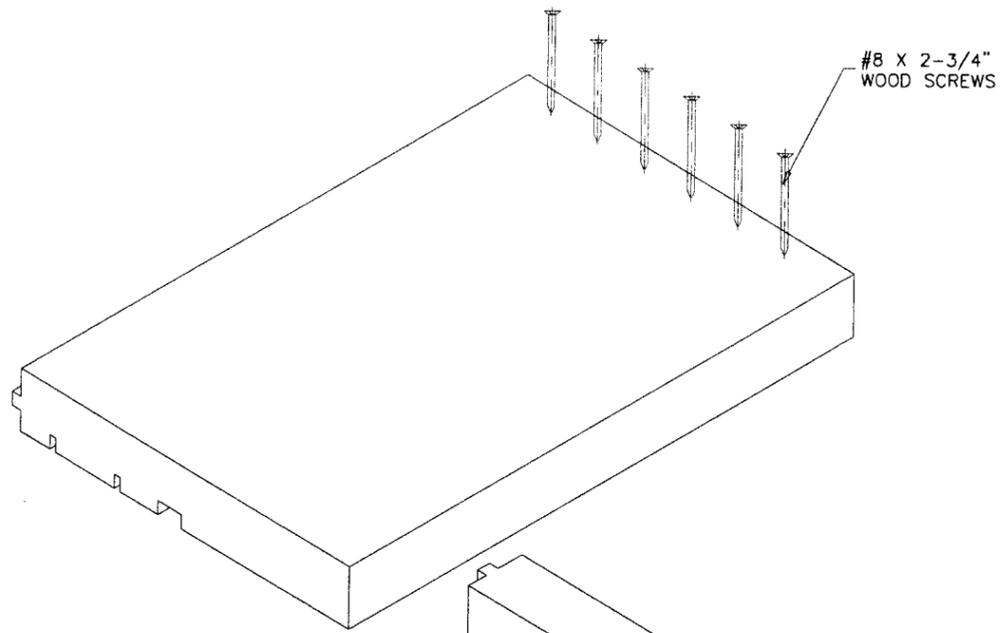
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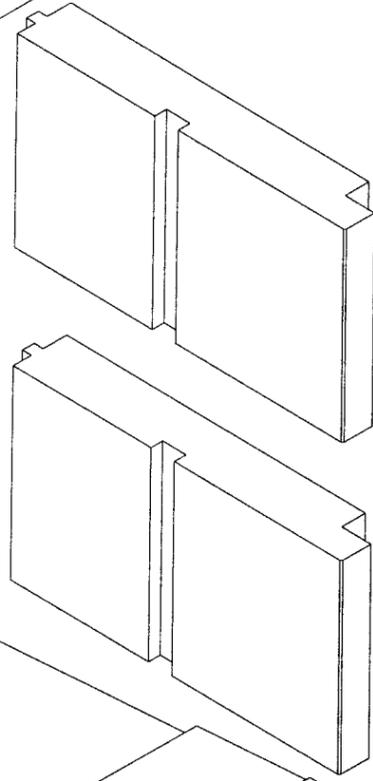
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revisions:	no	date	by	description
	A	08/01/08		NO CHANGE THIS SHEET

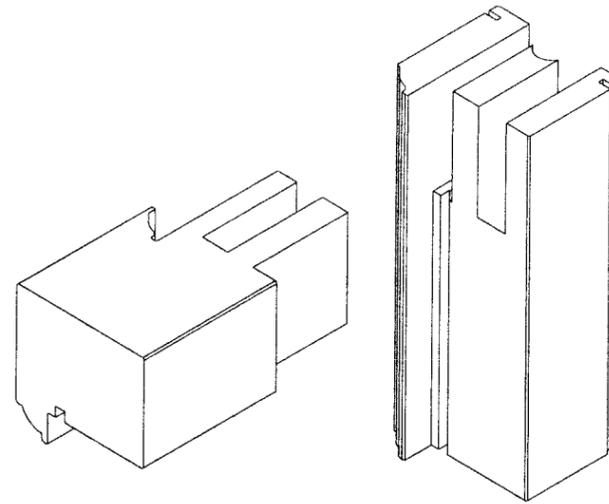
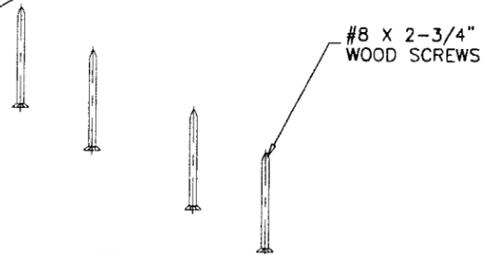
date: 01-24-08
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 drawing no. **W08-09**
 sheet 4 of 5



FRAME TOP CORNER



FRAME BOTTOM CORNER



VENT CORNER

FRAME AND VENT CORNERS SEALED/GLUED WITH 'PHENYL RESORCINOL' WATER PROOF ADHESIVE

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sheet 5 of 5