



**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)

**Andersen Corporation
100 Fourth Ave. North
Bayport, MN 5503**

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 "Perma Shield" Vinyl Clad Wood Casement Window

APPROVAL DOCUMENT: Drawing No. **WO1-46**, titled "Perma-Shield Vinyl Clad WD. Casement WDW.", sheets 1 through 5 of 5, prepared by AL-Farooq Corporation, dated 07/23/01, with revision "C" dated 10/29/04, signed and sealed by Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Revision 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 # **03-0919.03** and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above

The submitted documentation was reviewed by **Herminio F. Gonzalez, P.E., Director, BCCO**



**NOA No 05-0202.01
Expiration Date: September 19, 2007
Approval Date: April 21, 2005
Page 1**

Andersen Corporation

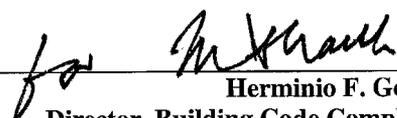
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **WO1-46**, titled "Perma-Shield Vinyl Clad WD. Casement WDW.", sheets 1 through 5 of 5, prepared by AL-Farooq Corporation, dated 07/23/01, with revision "C" dated 10/29/04, signed and sealed by Humayoun Farooq, P.E.

B. TESTS

1. Test reports on:
 - 1) Air Infiltration Test, per TAS 202-94.
 - 2) Uniform Load Static Air Pressure Test, 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 and TAS 202-94along with the manufacturer's parts and section drawings marked-up by Architectural Testing Inc. report No. **ATI-02-45335.01** dated 05/21-23/03, signed and sealed by Joseph A. Reed, P.E.
"Submitted under NOA # 03-0919.03"
2. Test reports on:
 - 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 2) Large Missile Impact Test per FBC, TAS 201-94
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94along with marked-up drawings and installation diagram of a vinyl clad wood casement window, prepared by Architectural Testing, Inc., Test Report No. **02-33449.01**, dated 9/10/01, signed and sealed by Allen Reeves, P.E.
"Submitted under NOA # 03-0919.03"
3. 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, FBC 2411.3.2.1 and TAS 202-94along with marked-up drawings and installation diagram of a vinyl clad wood casement window, prepared by Architectural Testing, Inc., Test Report No. **02-33001.01**, dated 2/1/01, signed and sealed by Allen Reeves, P.E.
"Submitted under NOA # 03-0919.03"



Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 05-0202.01
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Andersen Corporation

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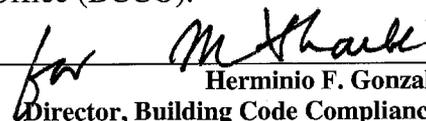
4. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411.3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of a vinyl clad wood casement window, prepared by Architectural Testing, Inc., Test Report No. **02-33003.01**, dated 2/8/01, signed and sealed by Allen Reeves, P.E.
"Submitted under NOA # 03-0919.03"
5. 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 and TAS 202-94
along with marked-up drawings and installation diagram of a vinyl clad wood casement window, prepared by Architectural Testing, Inc., Test Report No. **02-31312.01**, dated 3/9/99, signed and sealed by Allen Reeves, P.E.
"Submitted under NOA # 03-0919.03"
6. 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) Forced Entry Test, per FBC 2411.3.2.1 and TAS 202-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411.3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of a vinyl clad wood casement window, prepared by Architectural Testing, Inc., Test Report No. **50888.01-201-18**, dated 05/05-11/04, signed and sealed by Steven M. Urich, P.E.

C. CALCULATIONS

3. Complies with ASTM E1300-98.
"Submitted under NOA # 03-0919.03"
4. Anchor Calculations, ASTM-E1300, and structural analysis, prepared by AL-Farooq Corporation, dated 11/08/04, signed and sealed by Humayoun Farooq, P.E.

D. QUALITY ASSURANCE

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



Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 05-0202.01
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E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **01-1204.01** issued to E.I. Dupont DeNemours for "Sentry Glass ® Plus" dated 1/17/02, expiring on 01/14/07.
2. Notice of Acceptance No. **01-0205.02** issued to Solutia Inc. for "Saflex/Keepsafe Maximum dated 05/17/01, expiring on 05/21/06.

F. STATEMENTS

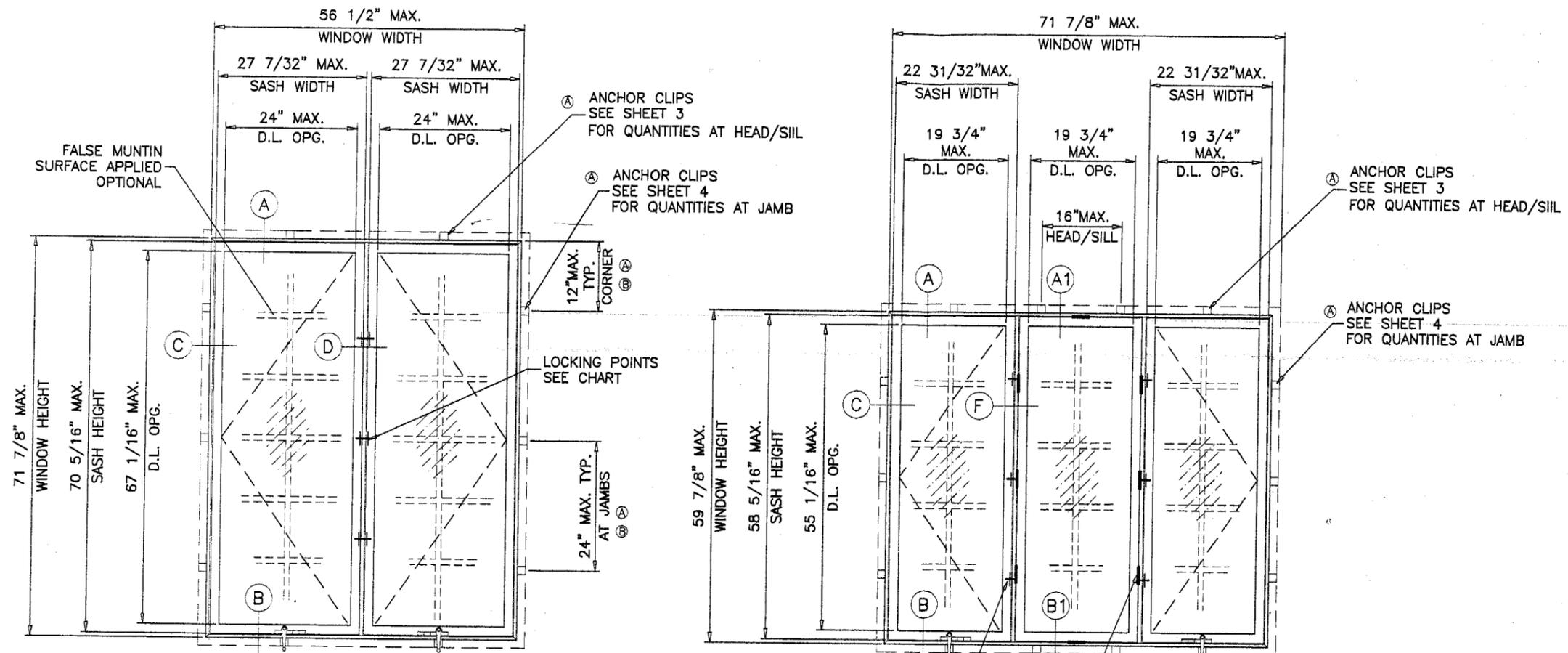
1. Statement letter of conformance, dated 11/08/04, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated 11/08/04, signed and sealed by Humayoun Farooq, P.E.

G. OTHER

1. Letter from the consultant stating that the product is in compliance with the Florida Building Code (F.B.C.).
2. Notice of Acceptance No. **03-0919.03**, issued to Andersen Corporation, for Perma-Shield Vinyl Clad WD. Casement WDW., approved on 12/04/03 and expiring on 09/19/07.

for 

Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 05-0202.01
Expiration Date: September 19, 2007
Approval Date: April 21, 2005



TYPICAL ELEVATIONS
TESTED UNITS

STATIONARY SASH CLIPS
(1) PER HEAD & SILL
FOR QUANTITIES @ JAMBS SEE CHART

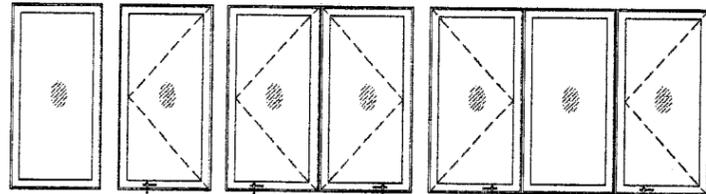
LOCKING POINTS
SEE CHART

WDW. HEIGHT UPTO	NO. OF KEEPERS AT SASH	NO. OF STAT. CLIPS AT STAT. JAMB
28-3/8"	1	1
40-13/16"	2	2
59-7/8"	3	3
71-7/8"	3	4

'PERMA-SHIELD' VINYL CLAD WOOD CASEMENT WINDOW (IMPACT)

WINDOWS GLAZED WITH LAMINATED GLASS RATED FOR LARGE MISSILE IMPACT AND REQUIRE NO SHUTTERS.

APPROVAL APPLIES TO SINGLE, DOUBLE AND TRIPLE WINDOWS IN ANY COMBINATION OF VENTING OR STATIONARY UNITS.



© THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE.

WOOD BUCKS BY OTHERS (MIN. 2X4 GRADE 2 SYP), MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR 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 33% INCREASE IN ALLOWABLE STRESS WAS USED IN DESIGN OF ANCHORS.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 05-0202.01
Expiration Date 09/19/07
By: *[Signature]*
Missile Blast Product Control
Division

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

JAN 10 2005

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

'PERMA-SHIELD' VINYL CLAD WD. CASEMENT WDW
ANDERSEN CORPORATION
100 FOURTH AVE. NORTH
BAYPORT, MN. 55003-1096
TEL. (800) 426-7691 FAX (-)

no	date	description
A	08.09.02	REV. PER BCCO COMMENTS
B	08.20.03	JAMB CLIPS SPACING REV.
C	10.29.04	NOTE REV.

date: 07-23-01
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

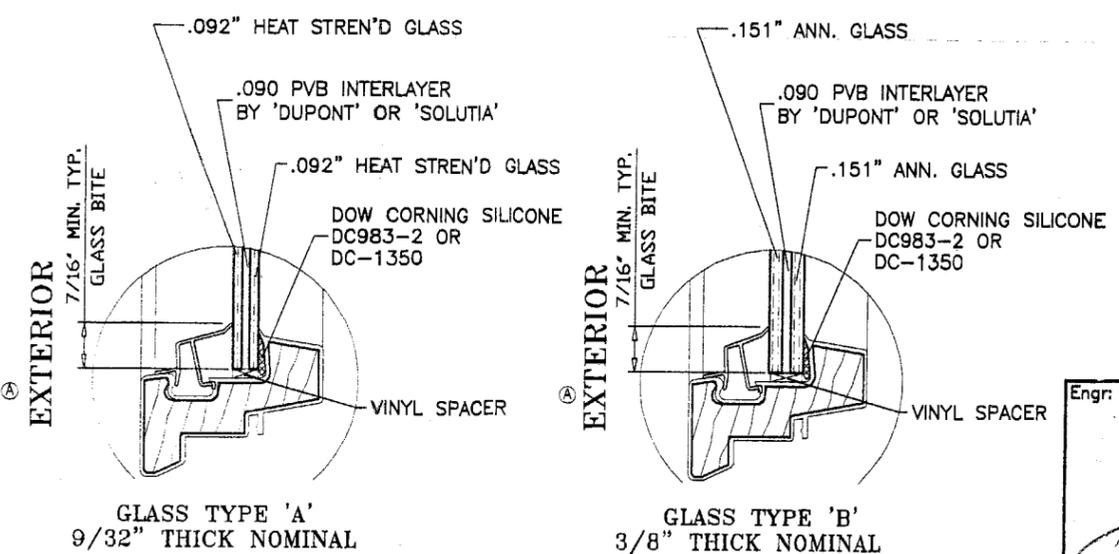
drawing no.
W01-46
sheet 1 of 5

COMP-ANL\W01-46AC

DESIGN LOAD CAPACITY - PSF (SINGLE UNITS)						
WINDOW DESCRIPTION	UNIT WIDTH INCHES	UNIT HT. INCHES	GLASS TYPE 'A' OR 'B'			
			VENTING (X)		STATIONARY (O)	
			EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
CR12	17"	24-1/8"	67.0	82.0	67.0	82.0
CN12	20-1/2"		67.0	82.0	67.0	82.0
C12	24-1/8"		67.0	82.0	67.0	82.0
CW12	28-3/8"		67.0	82.0	67.0	82.0
CX12	31-1/2"		67.0	82.0	67.0	82.0
CR125	17"	28-3/8"	67.0	82.0	67.0	82.0
CN125	20-1/2"		67.0	82.0	67.0	82.0
C125	24-1/8"		67.0	82.0	67.0	82.0
CW125	28-3/8"		67.0	82.0	67.0	82.0
CX125	31-1/2"		67.0	82.0	67.0	82.0
CR13	17"	35-15/16"	67.0	82.0	67.0	82.0
CN13	20-1/2"		67.0	82.0	67.0	82.0
C13	24-1/8"		67.0	82.0	67.0	82.0
CW13	28-3/8"		67.0	82.0	67.0	82.0
CX13	31-1/2"		67.0	82.0	67.0	82.0
CXW13	35-15/16"		67.0	82.0	67.0	82.0
CR135	17"	40-13/16"	67.0	82.0	67.0	82.0
CN135	20-1/2"		67.0	82.0	67.0	82.0
C135	24-1/8"		67.0	82.0	67.0	82.0
CW135	28-3/8"		67.0	82.0	67.0	82.0
CX135	31-1/2"		67.0	82.0	67.0	82.0
CXW135	35-15/16"		67.0	82.0	67.0	82.0
CR14	17"	48"	67.0	82.0	67.0	82.0
CN14	20-1/2"		67.0	82.0	67.0	82.0
C14	24-1/8"		67.0	82.0	67.0	82.0
CW14	28-3/8"		67.0	82.0	67.0	82.0
CX14	31-1/2"		60.0	65.0	67.0	71.0
CXW14	35-15/16"		60.0	65.0	60.0	65.0
CR145	17"	52-13/16"	67.0	82.0	67.0	82.0
CN145	20-1/2"		67.0	82.0	67.0	82.0
C145	24-1/8"		67.0	82.0	67.0	82.0
CW145	28-3/8"		60.0	65.0	67.0	71.0
CXW145	35-15/16"		60.0	65.0	60.0	65.0
CR15	17"	59-7/8"	67.0	82.0	67.0	71.0
CN15	20-1/2"		64.0	68.0	67.0	71.0
C15	24-1/8"		64.0	68.0	67.0	71.0
CW15	28-3/8"		64.0	68.0	67.0	71.0
CR155	17"	64-13/16"	60.0	65.0	67.0	71.0
CN155	20-1/2"		60.0	65.0	67.0	71.0
C155	24-1/8"		60.0	65.0	67.0	71.0
CW155	28-3/8"		60.0	65.0	67.0	70.8
CR16	17"	71-7/8"	61.8	65.6	67.0	71.0
CN16	20-1/2"		60.0	65.0	67.0	71.0
C16	24-1/8"		60.0	65.0	67.0	71.0
CW16	28-3/8"		60.0	65.0	65.5	65.5

DESIGN LOAD CAPACITY - PSF (DOUBLE UNITS)					
WINDOW DESCRIPTION	UNIT WIDTH INCHES	UNIT HT. INCHES	GLASS TYPE 'A' OR 'B'		
			XX, OX, XO OR OO		
			EXT. (+)	INT. (-)	
CR23	33-3/4"	35-15/16"	67.0	71.0	
CN23	40-3/4"		67.0	71.0	
C23	48"		67.0	71.0	
CW23	56-1/2"		67.0	71.0	
CR235	33-3/4"	40-13/16"	67.0	71.0	
CN235	40-3/4"		67.0	71.0	
C235	48"		67.0	71.0	
CW235	56-1/2"		67.0	71.0	
CR24	33-3/4"	48"	67.0	71.0	
CN24	40-3/4"		67.0	71.0	
C24	48"		67.0	71.0	
CW24	56-1/2"		67.0	71.0	
CR245	33-3/4"	52-13/16"	67.0	71.0	
CN245	40-3/4"		67.0	71.0	
C245	48"		67.0	71.0	
CW245	56-1/2"		67.0	71.0	
CR25	33-3/4"	59-7/8"	67.0	71.0	
CN25	40-3/4"		63.7	67.5	
C25	48"		60.0	64.0	
CW25	56-1/2"		60.0	64.0	
CR255	33-3/4"	64-13/16"	60.7	64.3	
CN255	40-3/4"		60.0	64.0	
C255	48"		55.7	59.4	
CW255	56-1/2"		50.0	52.0	
CR26	33-3/4"	71-7/8"	58.0	61.9	
CN26	40-3/4"		55.0	58.0	
C26	48"		55.0	58.0	
CW26	56-1/2"		50.0	52.0	

DESIGN LOAD CAPACITY - PSF (TRIPLE UNITS)				
WINDOW DESCRIPTION	UNIT WIDTH INCHES	UNIT HT. INCHES	GLASS TYPE 'A' OR 'B'	
			XOX, OOX, XOO, OOO OR XXX	
			EXT. (+)	INT. (-)
C33	71-7/8"	35-15/16"	67.0	71.0
C335	71-7/8"	40-13/16"	67.0	71.0
C34	71-7/8"	48"	60.0	64.0
C345	71-7/8"	52-13/16"	60.0	64.0
C35	71-7/8"	59-7/8"	60.0	64.0



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 05-0202-01
 Expiration Date 09/19/07
 By *M. H. H.*
 National Glass Product Control
 Division

Engr: DR. HUMAYOON FAROOQ
 STRUCTURES
 FLA. PE # 16557
 G.A.N. 3538

JAN 10 2005

afc

AL-FAROOQ CORPORATION
 ENGINEERS, PLANNERS & PRODUCT DESIGN
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 MIAMI, FLORIDA 33174
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 COMP-ANL\W01-46AC

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PERMA-SHIELD VINYL CLAD WD. CASEMENT WDW.
 REVISIONS:

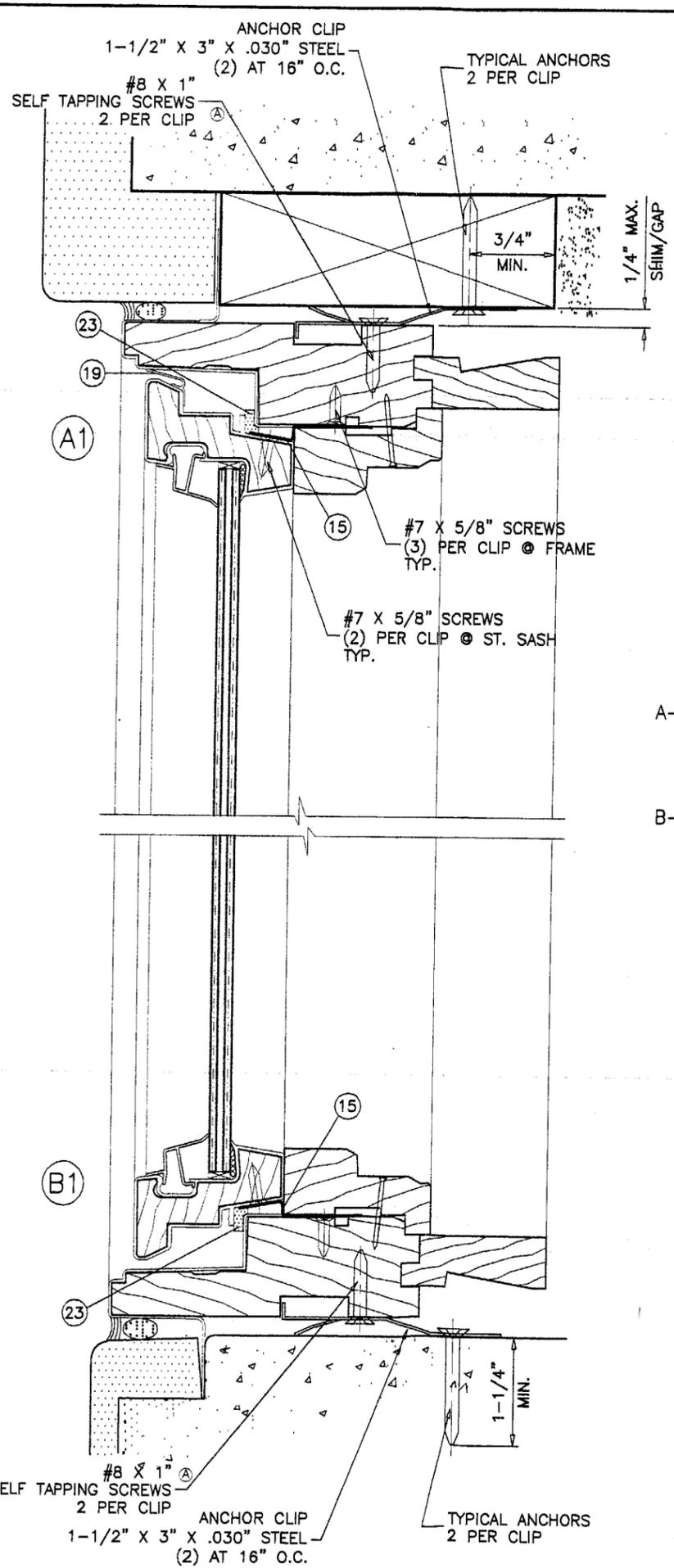
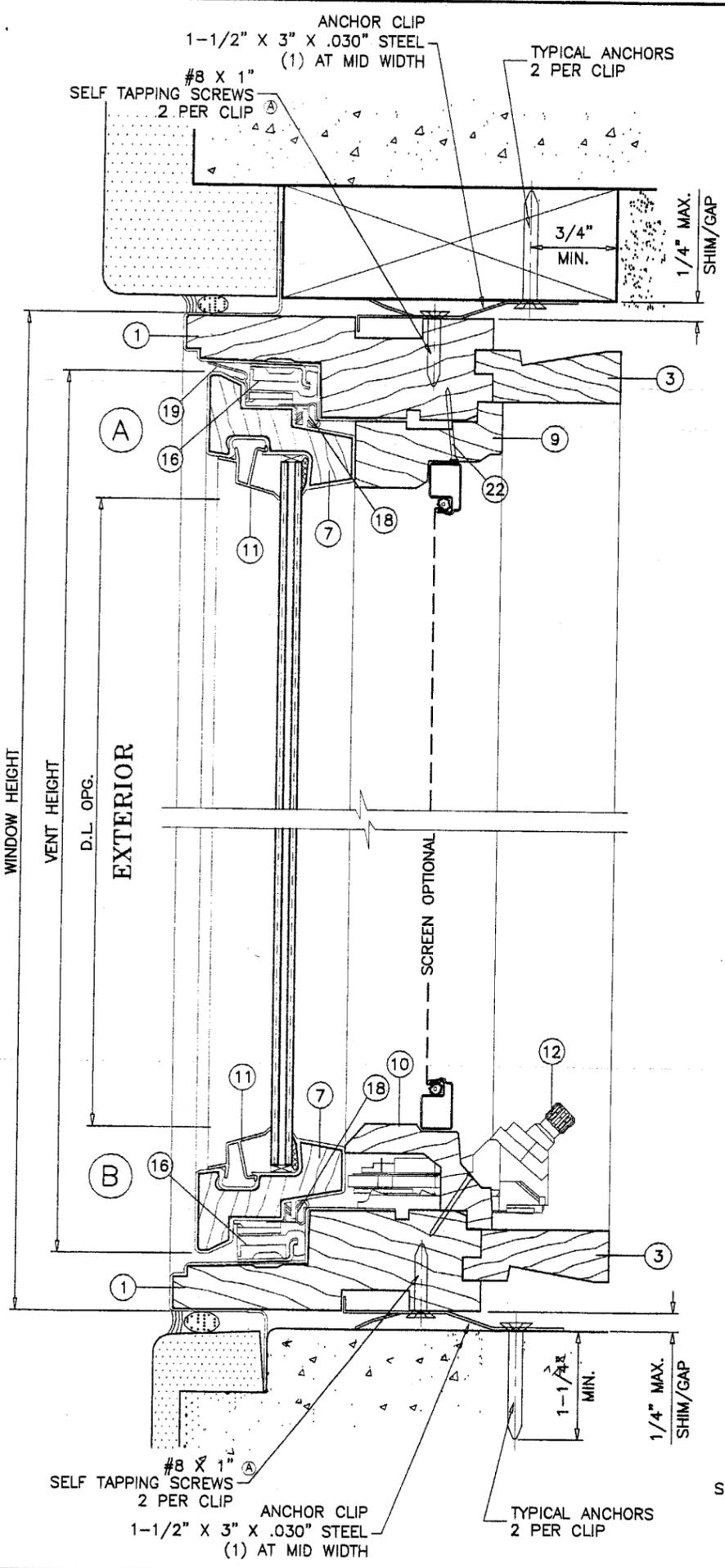
no	date	description
A	08.09.02	REV. PER BCCO COMMENTS
B	08.20.03	SIZES CXW14 & CXW145 ADDED
C	10.29.04	SINGLE UNITS CHART REV.

date: 07-23-01
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W01-46

sheet 2 of 5

WOOD BUCKS NOT BY ANDERSEN, MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.



NOTE:
 PROVIDE ANCHOR CLIPS AT HEAD & SILL AS FOLLOWS
 SINGLE AND DOUBLE UNITS: (1) AT CENTER OF EACH SASH
 TRIPLE UNITS: (1) AT CENTER OF END SASH
 (2) AT MIDDLE SASH SEE ELEV.

TYPICAL ANCHORS

- A- #8 SMS
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
 1-1/2" MIN. PENETRATION INTO WOOD
- B- 3/16" Ø TAPCONS (BY ELCO) OR
 EQUIVALENT CONCRETE ANCHOR
 THRU 1BY WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY
 1-1/4" MIN. MASONRY EMBED.

LOCKING OPTIONS:

- SURFACE MOUNTED LOCK WITH KEEPERS ON SASH BY AMEROCK CORP.
- (1) POINT LOCK FOR WINDOWS UPTO 28-3/8" HEIGHTS.
 - (2) POINT LOCK FOR WINDOWS UPTO 40-13/16" HEIGHTS.
 - (3) POINT LOCK FOR ALL BIGGER HEIGHTS.

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M. Khan
 National Insitu Product Control
 Division

Engr. DR. HUMAYOON FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3539

JAN 10 2005

AL-FAROOQ CORPORATION
 ENGINEERS, PLANNERS & PRODUCT DESIGN
 1235 SW 87 AVE
 MIAMI, FLORIDA 33174
 TEL (305) 264-8100 FAX (305) 262-6978
 COMP-ANL\W01-46AC

'PERMA-SHIELD' VINYL CLAD WD. CASEMENT WDW.
ANDERSEN CORPORATION
 100 FOURTH AVE. NORTH
 BAYPORT, MN. 55003-1096
 TEL (800) 426-7691 FAX (-)

no	date	description
A	08.09.02	REV. PER BCCO COMMENTS
B	08.20.03	NO CHANGE THIS SHEET
C	10.29.04	NO CHANGE THIS SHEET

date: 07-23-01
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

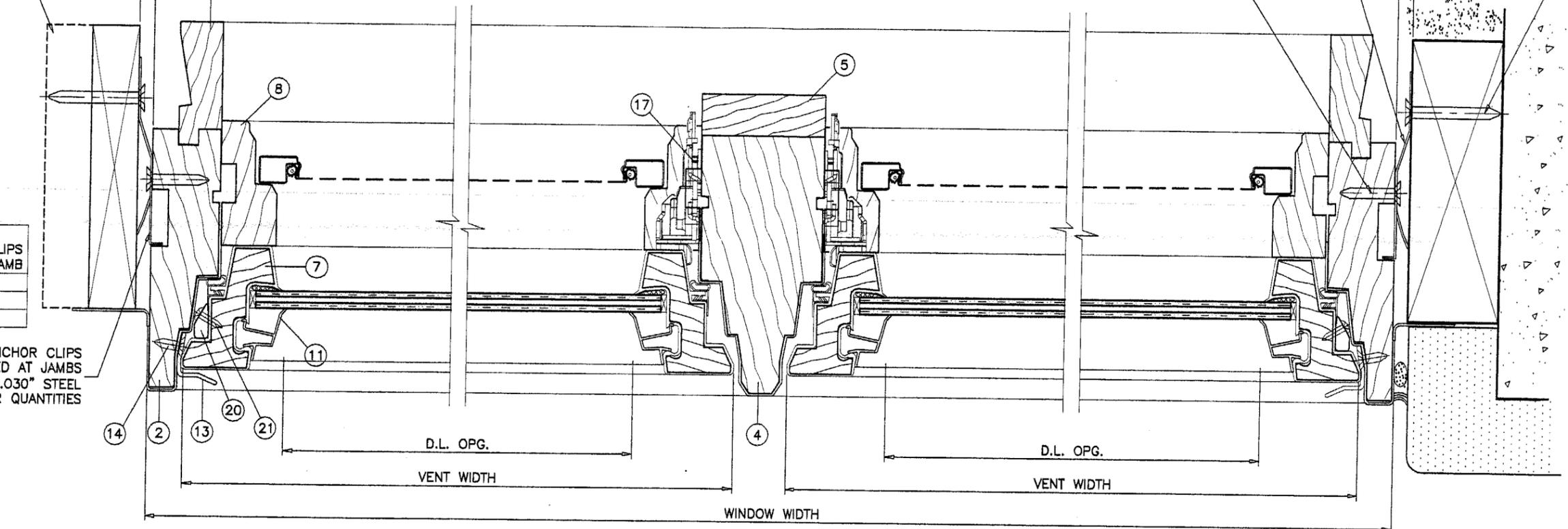
drawing no.
W01-46
 sheet 3 of 5

1BY OR 2BY
WOOD BUCK
1/4" MAX.
SHIM/GAP

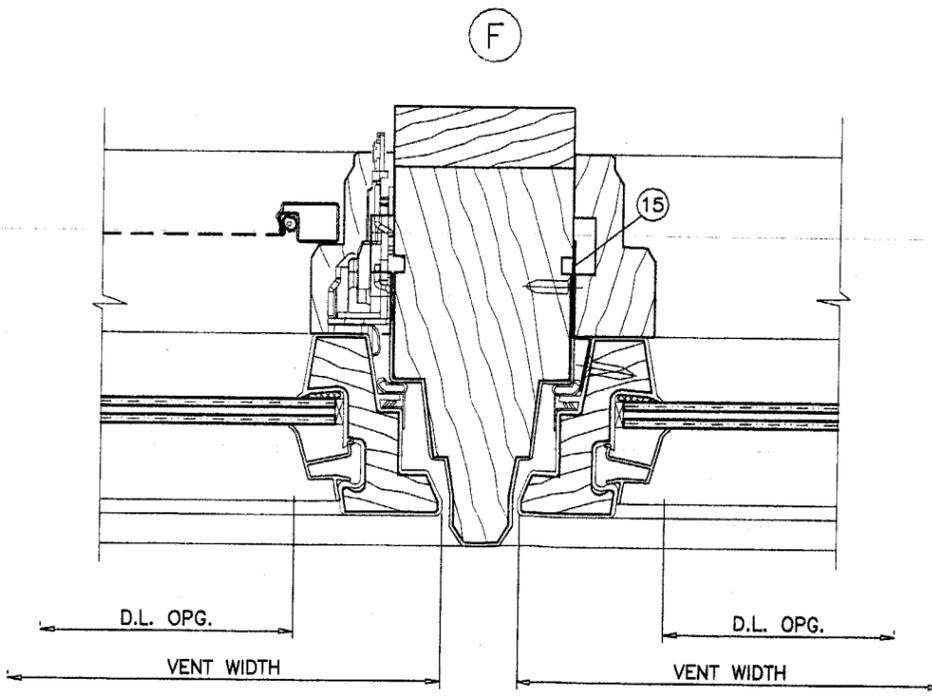
ANCHOR CLIP
1-1/2" X 3" X .030" STEEL
SEE CHART @ LEFT JAMB
#8 X 1" SCREWS
2 PER CLIP
TYPICAL ANCHORS
2 PER CLIP
1/4" MAX.
SHIM/GAP

WDW. HEIGHT UPTO	NO. OF ANCHOR CLIPS AT EACH JAMB
24-1/8"	1
48"	2
71-7/8"	3

ANCHOR CLIPS
EQUALLY SPACED AT JAMBS
1-1/2" X 3" X .030" STEEL
SEE TABLE ABOVE FOR QUANTITIES



EXTERIOR



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 05-0202.01
Expiration Date 09/19/07
By *M. Shauk*
Miami State Product Control
Director

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

JAN 1 0 2005

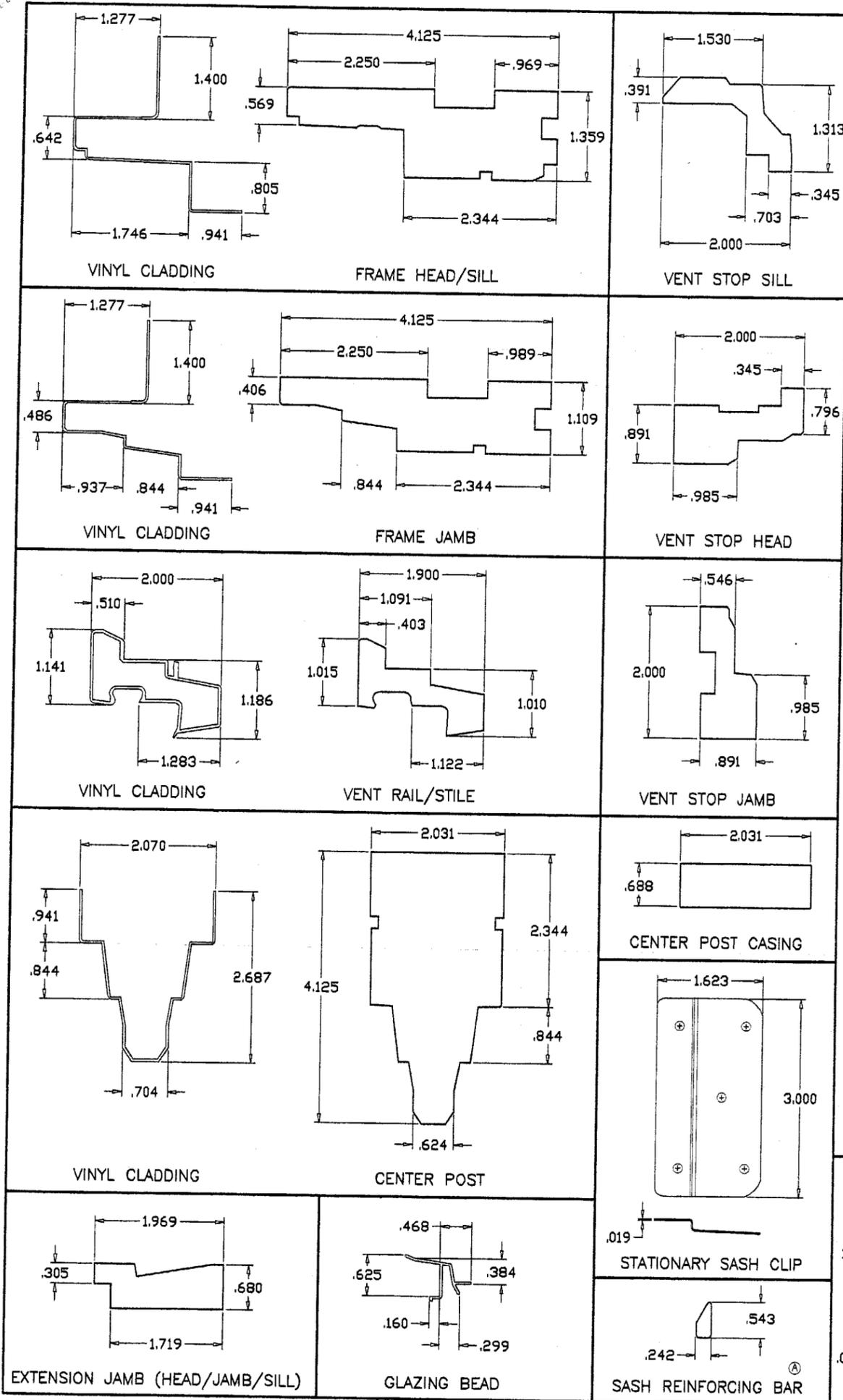
afc
AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W01-46AC

'PERMA-SHIELD' VINYL CLAD W.D. CASEMENT WDW.
ANDERSEN CORPORATION
100 FOURTH AVE. NORTH
BAYPORT, MN. 55003-1096
TEL. (800) 426-7691 FAX (-)
AW
ANBBBRRR

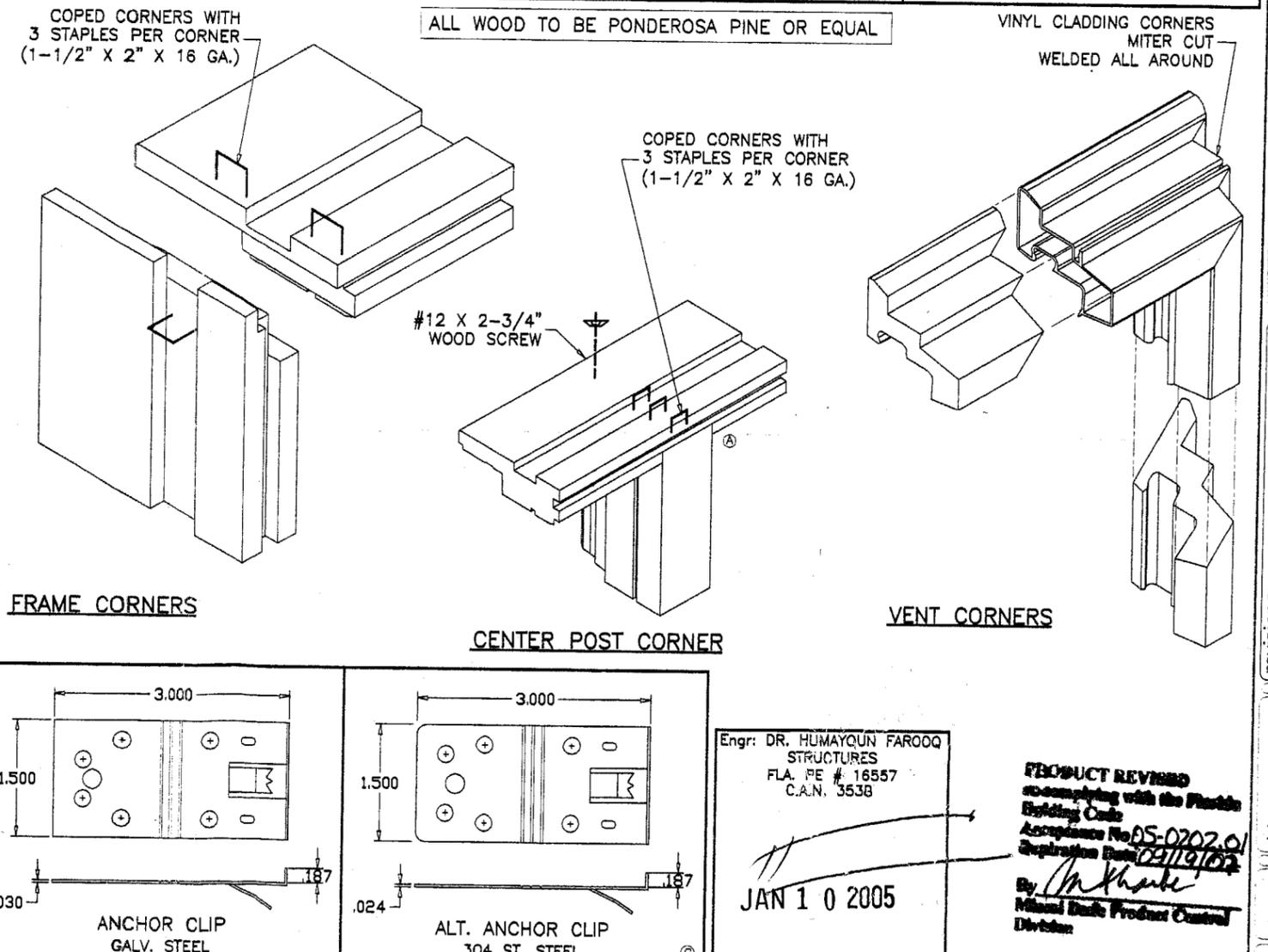
no	date	description
A	08.09.02	REV. PER BCCO COMMENTS
B	08.20.03	WDW. HT. 48" WAS 52-13/16"
C	10.29.04	NO CHANGE THIS SHEET

date: 07-23-01
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W01-46
sheet 4 of 5



ITEM #	NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	30835	AS REQD.	FRAME HEAD/SILL	WOOD	ANDERSEN
2	30838	AS REQD.	FRAME JAMB	WOOD	ANDERSEN
3	-	OPTIONAL	EXTENSION JAMBS	WOOD	ANDERSEN
4	30839	1	POST MULLION	WOOD	ANDERSEN
5	30056	1	CASING MULLION	-	-
6	-	-	-	-	-
7	30013	4/	SASH RAIL/STILE	WOOD	ANDERSEN
8	-	2/	WDW. VENT STOP JAMB	WOOD	ANDERSEN
9	30846/48	1/	WDW. VENT STOP HEAD	WOOD	ANDERSEN
10	30843/45	1/	WDW. VENT STOP SILL	WOOD	ANDERSEN
11	30184	AS REQD.	GLAZING BEAD	PVC	-
12	30810/12	1/	SASH ROTO OPERATOR	STEEL	AMEROCK CORP.
13	30442	1/	SASH SNUGGER	ALUMINUM	-
14	#8 X 1/2"	-	SNUGGER SCREWS	-	AT 1-1/2" FROM ENDS & 12" O.C.
15	30053	-	STATIONARY SASH CLIP	GALV. STEEL	-
16	1361409	2/	SASH HINGE ASSEMBLY AT TOP & BOTTOM OF SASH	STEEL	AMEROCK CORP.
17	-	AS REQD.	LOCK W/ KEEPERS ON SASH	STEEL	AMEROCK CORP.
18	30213	AS REQD.	WEATHERSTRIP STILE	-	-
19	30021	AS REQD.	WATERBAR WEATHERSTRIP	-	-
20	30871	1/	SASH REINFORCING BAR	ALUMINUM	FOR 64-13/16" & 71-7/8" WDW. HEIGHTS ONLY
21	#8 X 5/8"	-	REINFORCING BAR SCREWS	-	AT 11" O.C. MAX.
22	-	AS REQD.	BRAD NAILS 1-1/2" LONG	GALV. STEEL	-
23	30172	-	FOAM WEATHERSTRIPPING	-	-



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

JAN 10 2005

PRODUCT REVIEWED
as-complying with the Florida
Building Code
Acceptance No. 05-0702.01
Expiration Date 09/19/02
By: *M. Khateeb*
Miami Based Product Control
Division

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
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BAYPORT, MN. 55003-1096
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PERMA-SHIELD VINYL CLAD W.D. CASEMENT WDW.

revisions:
no. date by description
A 08.09.02 REV. PER BCCO COMMENTS
B 08.20.03 NO CHANGE THIS SHEET
C 10.29.04 ALT. ANCHOR CLIP ADDED

date: 07-23-01
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no. **W01-46**
sheet 5 of 5