



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1107
MIAMI, FLORIDA 33130-1563
(305) 375-2902 FAX (305) 372-6339**

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

**Andersen Corporation
100 Fourth Avenue North
Bayport, MN 55003-1096**

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 "Flex/ Arch Flex/ Springline" Fixed Wood Windows – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W07-58**, titled "Series Flex/ Arch Flex/ Springline Fixed Wood Windows", sheets 1 through 10 of 10, dated 08/01/2007 with revision "**B**" dated 10/21/2009, prepared by Al-Farooq Corporation, signed and sealed by Arshad Viqar, 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 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 revises **NOA No. 07-0905.09** 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 **Jaime D. Gascon, P. E.**



J. Gascon
1/14/10

**NOA No. 09-1109.06
Expiration Date: November 05, 2012
Approval Date: February 03, 2010
Page 1**

Andersen Corporation

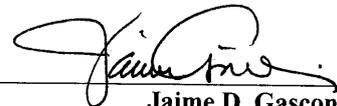
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W07-58**, titled "Series Flex/ Arch Flex/ Springline Fixed Wood Windows", sheets 1 through 10 of 10, dated 08/01/2007 with revision "B" dated 10/21/2009, prepared by Al-Farooq Corporation, signed and sealed by Arshad Viqar P. E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94.
3) Water Resistance Test, per PA 202-94.
4) Large Missile Impact Test per PA 201-94
5) Cyclic Wind Pressure Loading per PA 203-94
along with assembly & part drawing of a series Springline wood fixed window prepared by Architectural Testing, Inc., Test Report No. **ATI-02-34396.01**, dated 07/10/2002, signed and sealed by Steven M. Ulrich, P. E
(Submitted under NOA No. 02-0919.14)
2. Test reports on: 1) Large Missile Impact Test per PA 201-94.
2) Cyclic Wind Pressure Loading per PA 203-94
along with marked-up drawing of a wood fixed window, prepared by Architectural Testing Inc. Test Report No. **ATI-02-32062.01**, dated 05/05/2000 along with revised marked-up drawings, signed and sealed by Allen N. Reeves, P. E.
(Submitted under NOA No.'s 02-0919.12, 02-0919.13 and 02-0919.14)
3. Test reports on: 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94.
3) Water Resistance Test, per PA 202-94.
4) Large Missile Impact Test per PA 201-94
5) Cyclic Wind Pressure Loading per PA 203-94
along with assembly & part drawing of a wood fixed window prepared by Architectural Testing, Inc., Test Report No. **ATI-02-31277.01**, dated 02/24/1999 with no revisions, signed and sealed by Allen N. Reeves, P. E
(Submitted under NOA No. 02-0919.14)
4. Test reports on: 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94.
3) Water Resistance Test, per PA 202-94.
4) Large Missile Impact Test per PA 201-94
5) Cyclic Wind Pressure Loading per PA 203-94
along with assembly & part drawing of a wood fixed window prepared by Architectural Testing, Inc., Test Report No. **ATI-02-31053.01**, dated 02/08/1999 with no revisions, signed and sealed by Allen N. Reeves, P. E
(Submitted under NOA No. 02-0919.13)



Jaime D. Gascon, P. E.
Chief, Product Control Division

NOA No. 09-1109.06

Expiration Date: November 05, 2012

Approval Date: February 03, 2010

Andersen Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS (CONTINUED)

5. Test reports on: 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94.
3) Water Resistance Test, per PA 202-94.
4) Large Missile Impact Test per PA 201-94
5) Cyclic Wind Pressure Loading per PA 203-94
along with assembly & part drawing of a wood fixed window prepared by Architectural Testing, Inc., Test Report No. **ATI-02-31038.02**, dated 01/04/1999, signed and sealed by Allen N. Reeves, P. E.
(Submitted under NOA No. 02-0919.12)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by Al-Farooq Corporation, dated 10/23/09, signed and sealed by Arshad Viqar, P. E.
Complies with ASTM E1300-02/ 04

D. QUALITY ASSURANCE

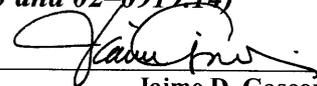
1. Miami-Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **09-0312.02** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Butacite® PVB, Interlayer**" dated 05/13/09, expiring on 12/11/10.
2. Notice of Acceptance No. **08-0206.01** issued to Solutia Inc. for their "**Saflex HP Glass Interlayer**" dated 04/17/2008, expiring on 04/17/2013.

F. STATEMENTS

1. Statement letter of conformance, dated October 23, 2009, signed and sealed by Arshad Viqar, P. E.
2. Statement letter of no financial interest, dated October 23, 2009, signed and sealed by Arshad Viqar, P. E.
3. Laboratory compliance letter for Test Report no. **ATI-02-34396.01**, issued by Architectural Testing, Inc., dated July 10, 2002, signed and sealed by Steven M. Ulrich, P. E.
(Submitted under NOA No.'s 02-0919.12, 02-0919.13 and 02-0919.14)
4. Laboratory compliance letter for Test Report No.'s **ATI-02-32062.01, ATI-02-31277.01, ATI-02-31053.01, ATI-02-31053.01 and ATI-02-31038.02**, issued by Architectural Testing, Inc., dated January 04, 1999 to May 05, 2000, all signed and sealed by Allen N. Reeves, P. E.
(Submitted under NOA No.'s 02-0919.12, 02-0919.13 and 02-0919.14)



Jaime D. Gascon, P. E.
Chief, Product Control Division
NOA No. 09-1109.06

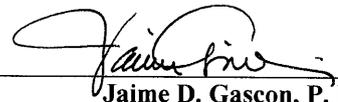
Expiration Date: November 05, 2012
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Andersen Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHERS

1. Notice of Acceptance No. **07-0905.09**, issued to Andersen Corporation for their Series "**Flex/ Arch Flex/ Springline**" **Fixed Wood Windows – L.M.I.**", approved on 12/20/07 and expiring on 11/05/12.
2. Notice of Acceptance No. **02-0919.12**, issued to Andersen Corporation for their Series "**Flexiframe 6050 Wood Fixed Window – L.M.I.**", approved on 11/14/2002 and expiring on 11/05/2007.
3. Notice of Acceptance No. **02-0919.13**, issued to Andersen Corporation for their Series "**Arch Flexiframe Wood Fixed Window – L.M.I.**", approved on 11/14/2003 and expiring on 10/21/2007.
4. Notice of Acceptance No. **02-0919.14**, issued to Andersen Corporation for their Series "**Springline Wood Fixed Window – L.M.I.**", approved on 11/14/2003 and expiring on 10/21/2007.



Jaime D. Gascon, P. E.
Chief, Product Control Division

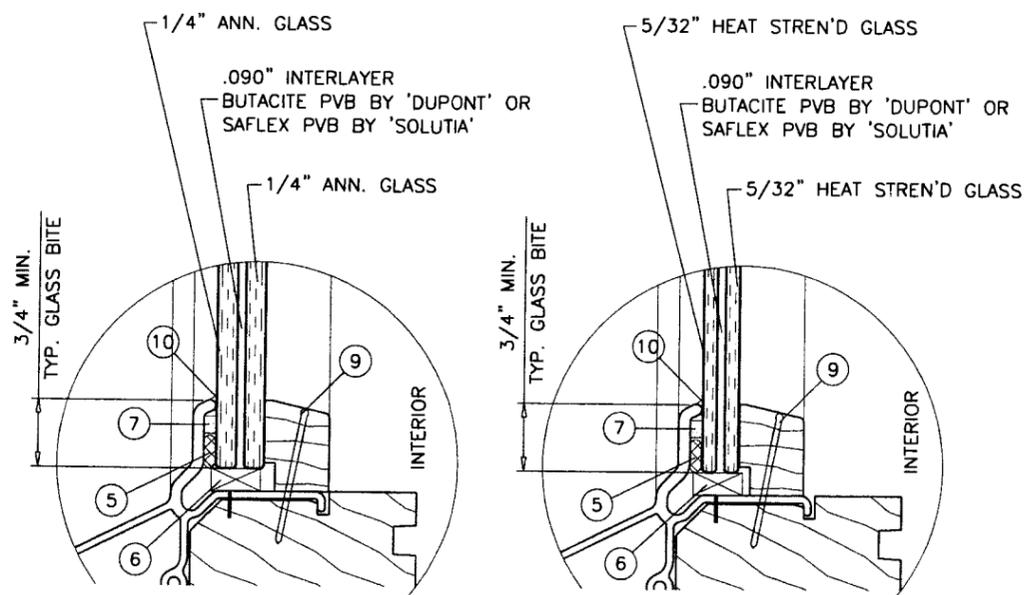
NOA No. 09-1109.06
Expiration Date: November 05, 2012
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DESIGN LOAD CAPACITY - PSF				
WINDOW DESCRIPTION	UNIT WIDTH INCHES	UNIT HT. INCHES	GLASS TYPES 'A' OR 'B'	
			EXT.(+)	INT.(-)
AFC106		9-1/4	67.0	71.0
AFC11		15-1/4	67.0	71.0
AFC12		27-3/8	67.0	71.0
AFC13		39-3/16	67.0	71.0
AFC135		44-1/16	67.0	71.0
AFC14	24-1/8	51-1/4	67.0	71.0
AFC145		56-1/16	67.0	71.0
AFC15		63-1/8	67.0	71.0
AFC155		68-1/16	67.0	71.0
AFC16		75-1/8	67.0	71.0
AFC18		99-3/8	67.0	71.0
AFCW106		10-5/8	67.0	71.0
AFCW11		16-5/8	67.0	71.0
AFCW12		28-3/4	67.0	71.0
AFCW13		40-9/16	67.0	71.0
AFCW135		45-7/16	67.0	71.0
AFCW14	28-3/8	52-5/8	67.0	71.0
AFCW145		57-7/16	67.0	71.0
AFCW15		64-1/2	67.0	71.0
AFCW155		69-7/16	67.0	71.0
AFCW16		76-1/2	67.0	71.0
AFCW18		100-3/4	67.0	71.0
AFCP3006		10-13/16	67.0	71.0
AFCP301		16-13/16	67.0	71.0
AFCP302		28-15/16	67.0	71.0
AFCP303		40-3/4	67.0	71.0
AFCP3035		45-5/8	67.0	71.0
AFCP304	35-15/16	52-13/16	67.0	71.0
AFCP3045		57-5/8	67.0	71.0
AFCP305		64-11/16	67.0	71.0
AFCP3055		69-5/8	67.0	71.0
AFCP306		76-11/16	67.0	71.0
AFCP308		100-15/16	67.0	71.0
AFC206		12-7/16	67.0	71.0
AFC21		18-7/16	67.0	71.0
AFC22		30-9/16	67.0	71.0
AFC23		42-3/8	67.0	71.0
AFC235		47-1/4	67.0	71.0
AFC24	48	54-7/16	67.0	71.0
AFC245		59-1/4	67.0	71.0
AFC25		66-5/16	67.0	71.0
AFC255		71-1/4	67.0	71.0
AFC26		78-5/16	67.0	71.0
AFCW206		13-1/16	67.0	71.0
AFCW21		19-1/16	67.0	71.0
AFCW22		31-3/16	67.0	71.0
AFCW23		43	67.0	71.0
AFCW235	56-1/2	47-7/8	67.0	71.0
AFCW24		55-1/16	67.0	71.0
AFCW245		59-7/8	67.0	71.0
AFCW25		66-15/16	67.0	71.0
AFCW255		71-7/8	67.0	71.0

DESIGN LOAD CAPACITY - PSF				
WINDOW DESCRIPTION	UNIT WIDTH INCHES	UNIT HT. INCHES	GLASS TYPES 'A' OR 'B'	
			EXT.(+)	INT.(-)
AFFW5006		13-13/16	67.0	71.0
AFFW501		19-13/16	67.0	71.0
AFFW502		31-15/16	67.0	71.0
AFFW503	59-1/4	43-3/4	67.0	71.0
AFFW5035		48-5/8	67.0	71.0
AFFW504		55-13/16	67.0	71.0
AFFW5045		60-5/8	67.0	71.0
AFFW505		67-11/16	67.0	71.0
AFFW6006		15-7/16	67.0	71.0
AFFW601		21-7/16	67.0	71.0
AFFW602	71-1/4	33-9/16	67.0	71.0
AFFW603		45-3/8	67.0	71.0
AFFW6035		50-1/4	67.0	71.0
AFFW604		57-7/16	67.0	71.0
AFFW6045		62-1/4	67.0	71.0
AFFW8006		18-5/8	67.0	71.0
AFFW801	95-1/8	24-5/8	67.0	71.0
AFFW802		36-3/4	67.0	71.0
AFFW803		48-9/16	67.0	71.0

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-02/04 (3 SEC. GUSTS).

FLEXIFRAME WINDOWS

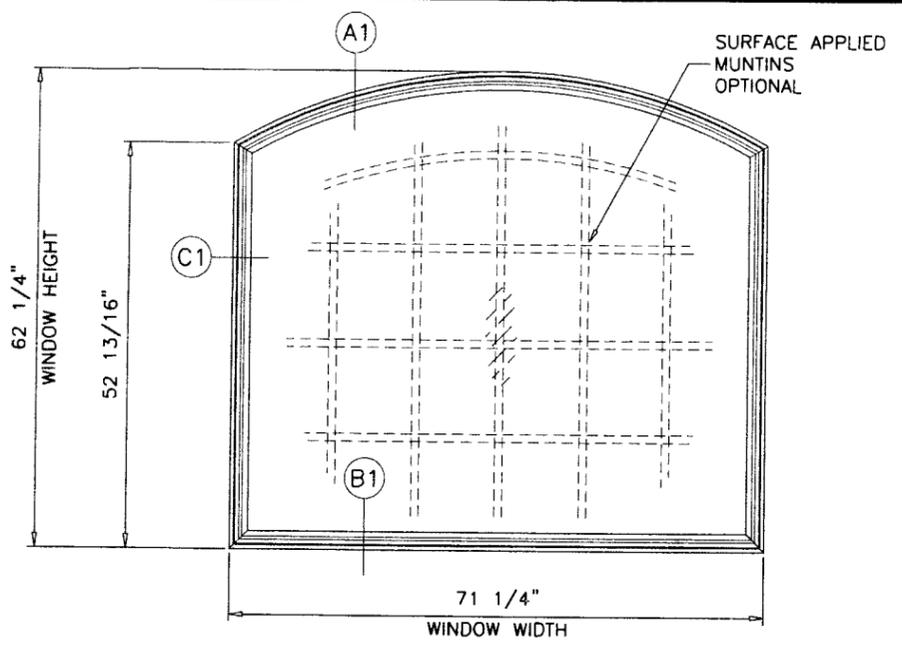


GLASS TYPE 'A'
17/32" OVERALL GLASS

GLASS TYPE 'B'
3/8" OVERALL GLASS

GLAZING OPTIONS

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



TYPICAL ELEVATION
TESTED UNIT (EXTERIOR VIEW)

WINDOWS CAN BE INSTALLED WITH ANY OF THE FOLLOWING OPTIONS

- OPTION #1: BY USING FASTENERS THRU WINDOW FRAME INTO STRUCTURE AT 6" FROM CORNERS AND 15" O.C. MAX.
 - OPTION #2: BY USING FASTENERS THRU ANCHOR CLIPS AT 6" FROM CORNERS AND 20" O.C. MAX.
- SEE SHEETS 3 AND 4 FOR DETAILS.

FLEXIFRAME/SPRINGLINE FIXED WOOD WINDOWS

THESE PRODUCTS CAN BE INSTALLED AS SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF TWO OR MORE UNITS, ALSO IN COMBINATION WITH MIAMI-DADE COUNTY APPROVED PRODUCTS USING APPROVED MULLIONS IN BETWEEN.

DESIGN LOAD RATING FOR WINDOWS TO BE AS PER CHARTS SHOWN.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 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 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 2007 FLORIDA BLDG. CODE SECTION 2003.8.4.

Engr: ARSHAD VIQAR
CIVIL
FLA. PE # 38863
C.A.N. 3538
OCT 23 2009

PRODUCT REVISED
to comply with the Florida
Building Code
Amendment No. 09-1109.06
Adoption Date 11/05/2012

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W07-58AC

FLEXIFRAME/SPRINGLINE FIXED WOOD WINDOWS
ANDERSEN CORPORATION
100 FOURTH AVE. NORTH
BAYPORT, MN. 55003-1096
TEL. (800) 426-7691 FAX (-)

revisions:
no. date by description
A 11.20.07 REV. PER BCCO COMMENTS
B 10.21.09 UPDATED FOR 2007 FBC

date: 08-01-07
scale: 1/2" = 1'-0"
dr. by: HAMID
chk. by:

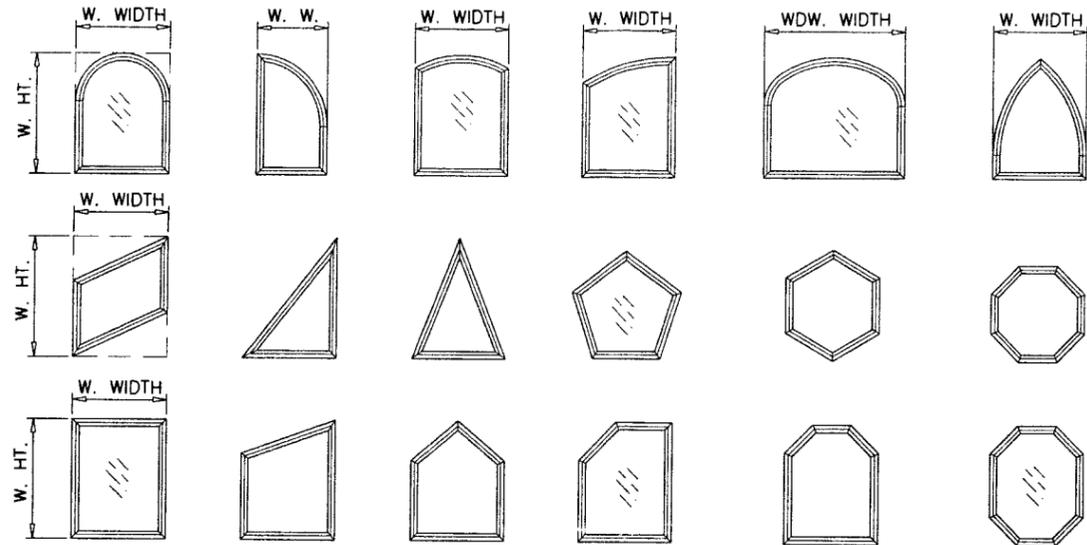
drawing no.
W07-58

sheet 1 of 10

WINDOW DIMS.		GLASS TYPES 'A' OR 'B'	
WIDTH	HEIGHT	EXT. (+)	INT. (-)
24"	36"	67.0	71.0
30"		67.0	71.0
36"		67.0	71.0
42"		67.0	71.0
48"		67.0	71.0
54"		67.0	71.0
60"		67.0	71.0
66"		67.0	71.0
72"		67.0	71.0
78"		67.0	71.0
84"	67.0	71.0	
24"	42"	67.0	71.0
30"		67.0	71.0
36"		67.0	71.0
42"		67.0	71.0
48"		67.0	71.0
54"		67.0	71.0
60"		67.0	71.0
66"		67.0	71.0
72"		67.0	71.0
78"		67.0	71.0
84"	67.0	71.0	
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42"		67.0	71.0
48"		67.0	71.0
54"		67.0	71.0
60"		67.0	71.0
66"		67.0	71.0
72"		67.0	71.0
78"		67.0	71.0
84"	67.0	71.0	
24"	54"	67.0	71.0
30"		67.0	71.0
36"		67.0	71.0
42"		67.0	71.0
48"		67.0	71.0
54"		67.0	71.0
60"		67.0	71.0
66"		67.0	71.0
72"		67.0	71.0
78"		67.0	71.0
24"	60"	67.0	71.0
30"		67.0	71.0
36"		67.0	71.0
42"		67.0	71.0
48"		67.0	71.0
54"		65.4	69.3
60"	65.4	69.3	

WINDOW DIMS.		GLASS TYPES 'A' OR 'B'	
WIDTH	HEIGHT	EXT. (+)	INT. (-)
24"	66"	67.0	71.0
30"		67.0	71.0
36"		67.0	71.0
42"		67.0	71.0
48"		67.0	71.0
54"		67.0	71.0
60"	65.4	69.3	
24"	72"	67.0	71.0
30"		67.0	71.0
36"		67.0	71.0
42"		67.0	71.0
48"		67.0	71.0
54"		67.0	71.0
24"	78"	67.0	71.0
30"		67.0	71.0
36"		67.0	71.0
42"		67.0	71.0
48"		67.0	71.0
54"		65.9	69.9
24"	84"	67.0	71.0
30"		67.0	71.0
36"		67.0	71.0
42"		67.0	71.0
48"		67.0	71.0
54"		67.0	71.0
24"	90"	67.0	71.0
30"		67.0	71.0
36"		67.0	71.0
42"		67.0	71.0
48"		67.0	71.0
54"		67.0	71.0
24"	96"	67.0	71.0
30"		67.0	71.0
36"		67.0	71.0
42"		67.0	71.0

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-02/04 (3 SEC. GUSTS).



ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING WINDOW SHAPE WITHIN SQUARE OR RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.

FLEXIFRAME WINDOWS

Engr: ARSHAD VIQAR
CIVIL
FLA. PE # 38863
C.A.N. 3538
OCT 23 2009

PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No. 09-1109.06
Expiration Date 11/05/2012
By: [Signature]
Miami Dade Product Control
Division

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 \ W07 - 58AC

FLEXIFRAME/SPRINGLINE FIXED WOOD WINDOWS
ANDERSEN CORPORATION
100 FOURTH AVE. NORTH
BAYPORT, MN. 55003-1096
TEL. (800) 426-7691 FAX (-)

no	date	description
A	11.20.07	NO CHANGE THIS SHEET
B	10.21.09	UPDATED FOR 2007 FBC

date: 08-01-07
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W07-58
sheet 2 of 10

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



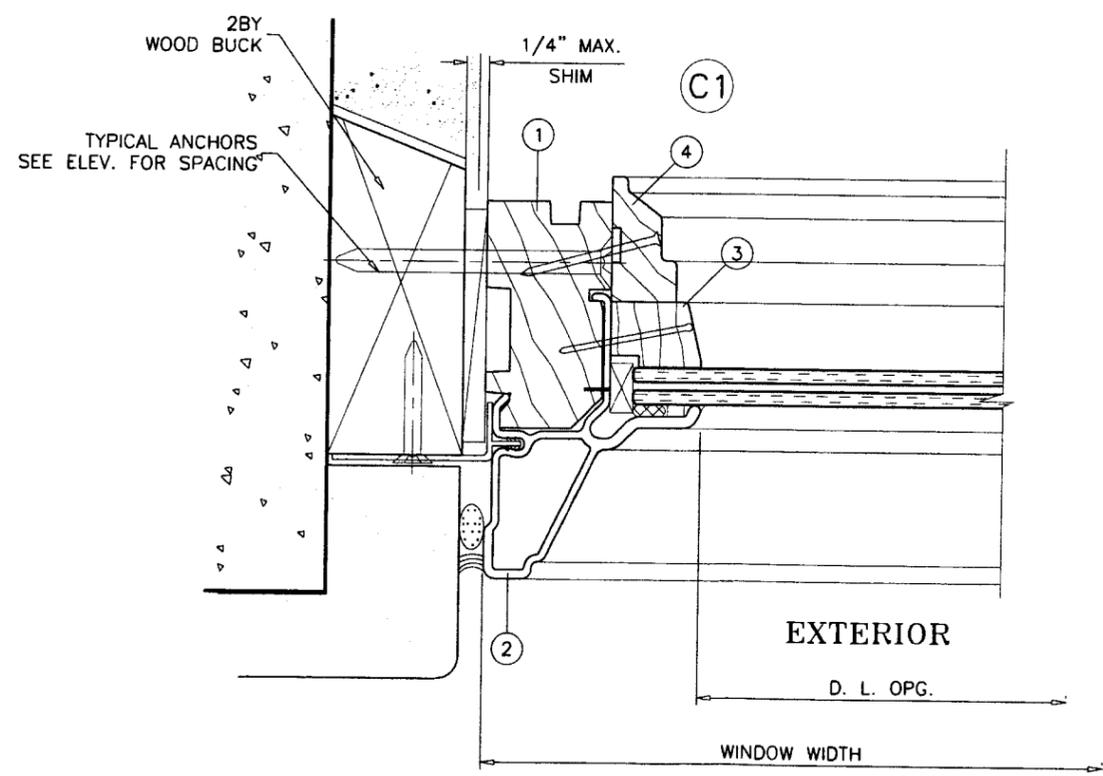
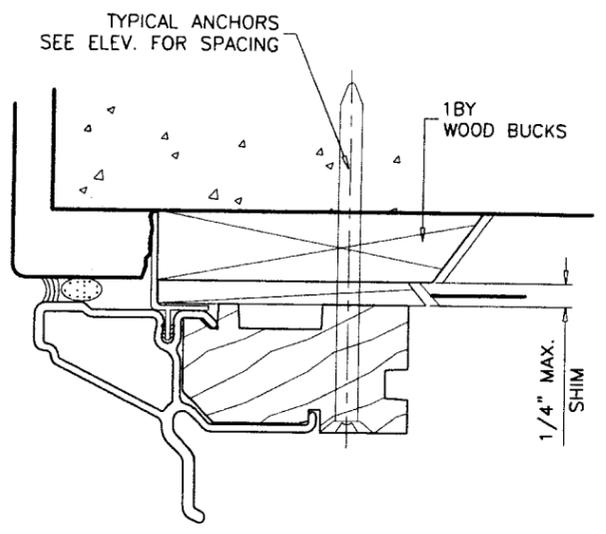
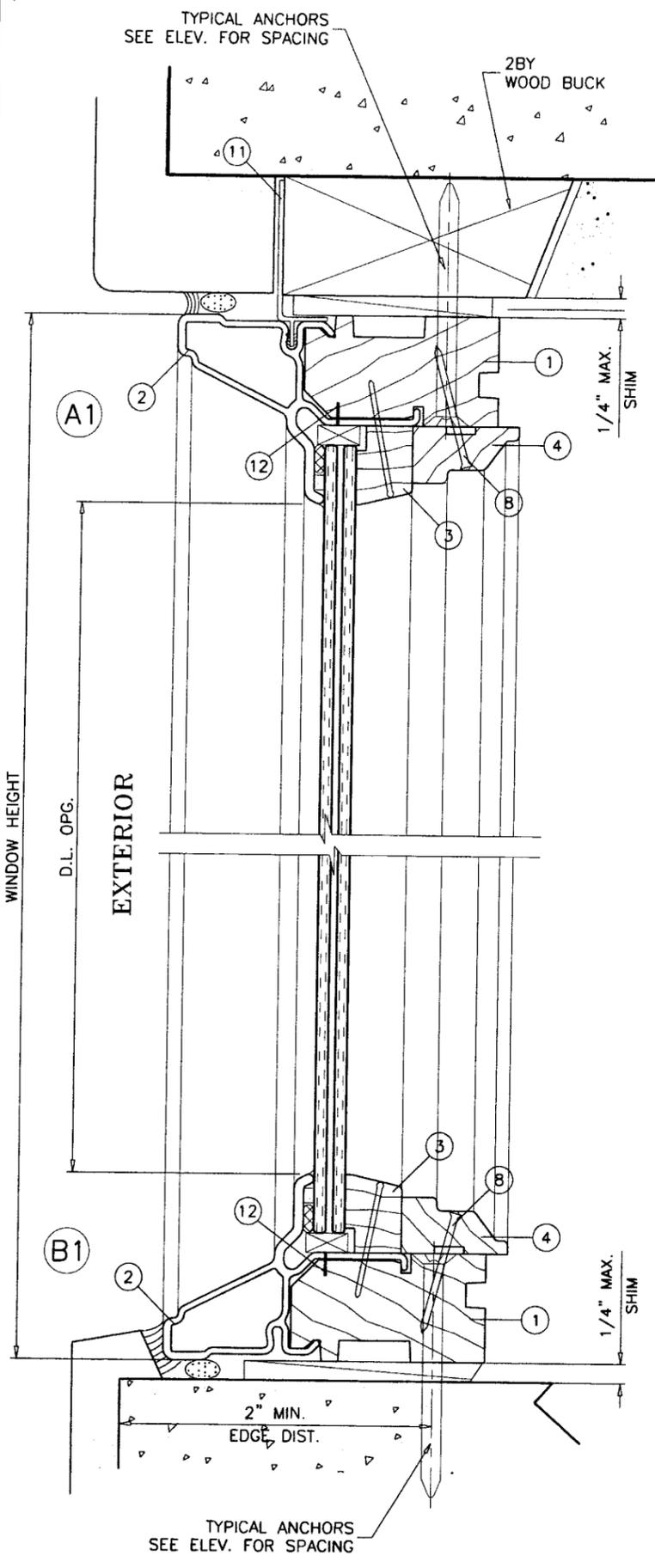
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no	date	description
A	11.20.07	REV. PER BCCO COMMENTS
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revisions:
date: 08-01-07
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W07-58
sheet 3 of 10



TYPICAL ANCHORS

ANCHORS THRU WINDOW FRAME

#10 SMS
INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
1-1/2" MIN. PENETRATION INTO WOOD

1/4" DIA. TAPCONS
INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
1-1/2" MIN. PENETRATION INTO WOOD

THRU WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

ANCHORS THRU INSTALLATION CLIPS

A: #8 SMS
INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
1-1/2" MIN. PENETRATION INTO WOOD

B: 1/4" DIA. TAPCONS
INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
1-1/2" MIN. PENETRATION INTO WOOD

THRU WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

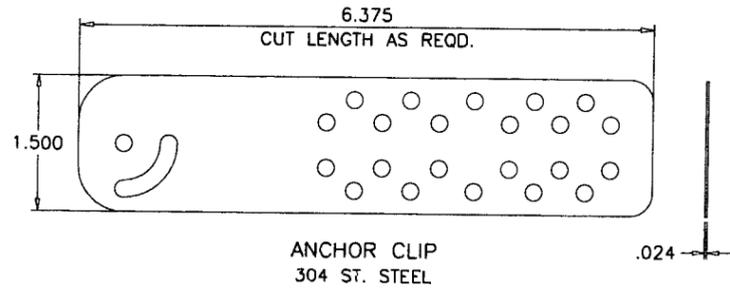
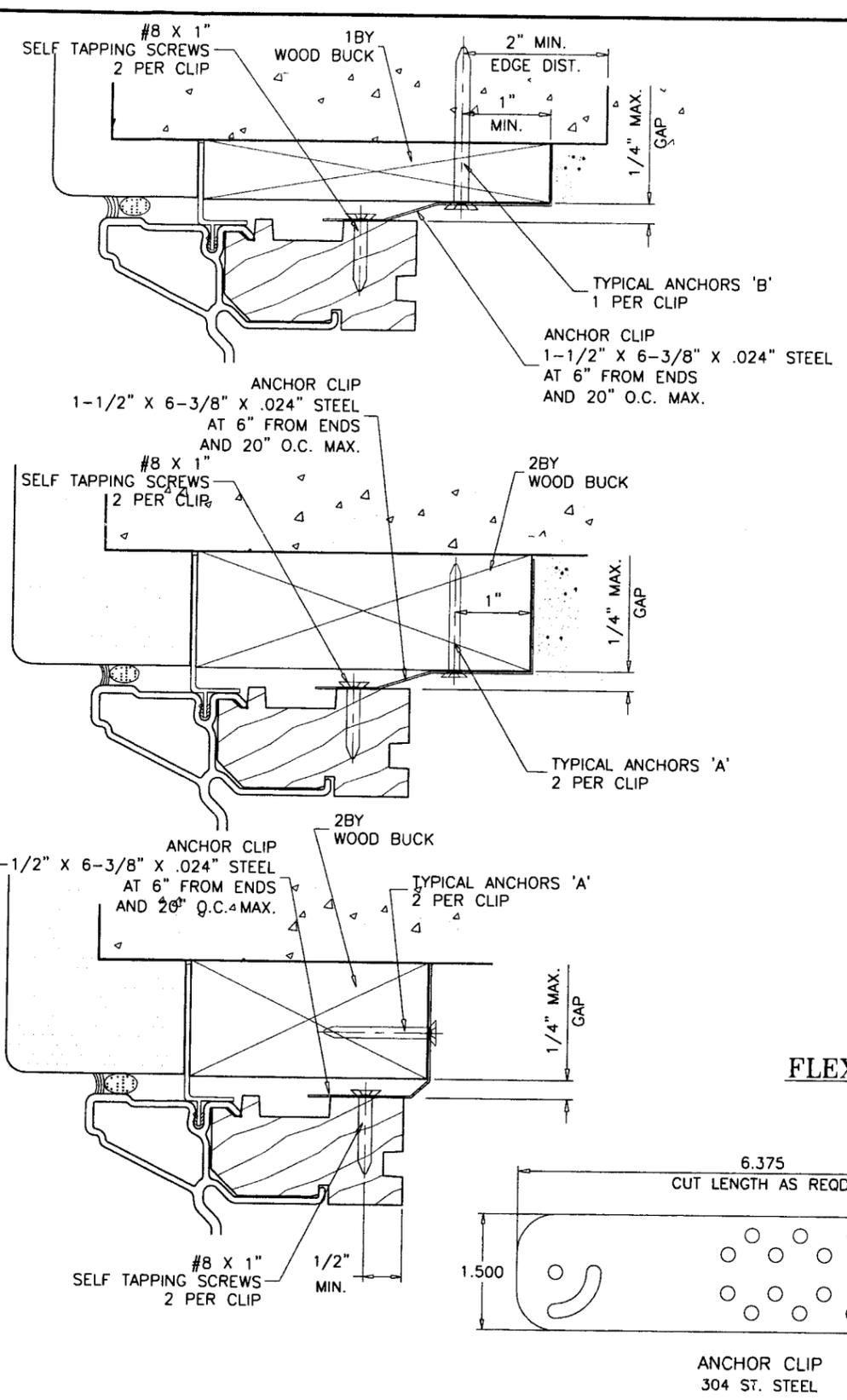
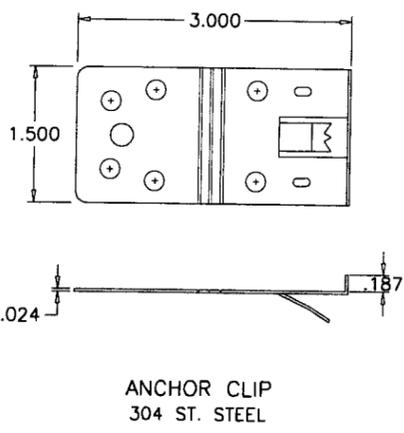
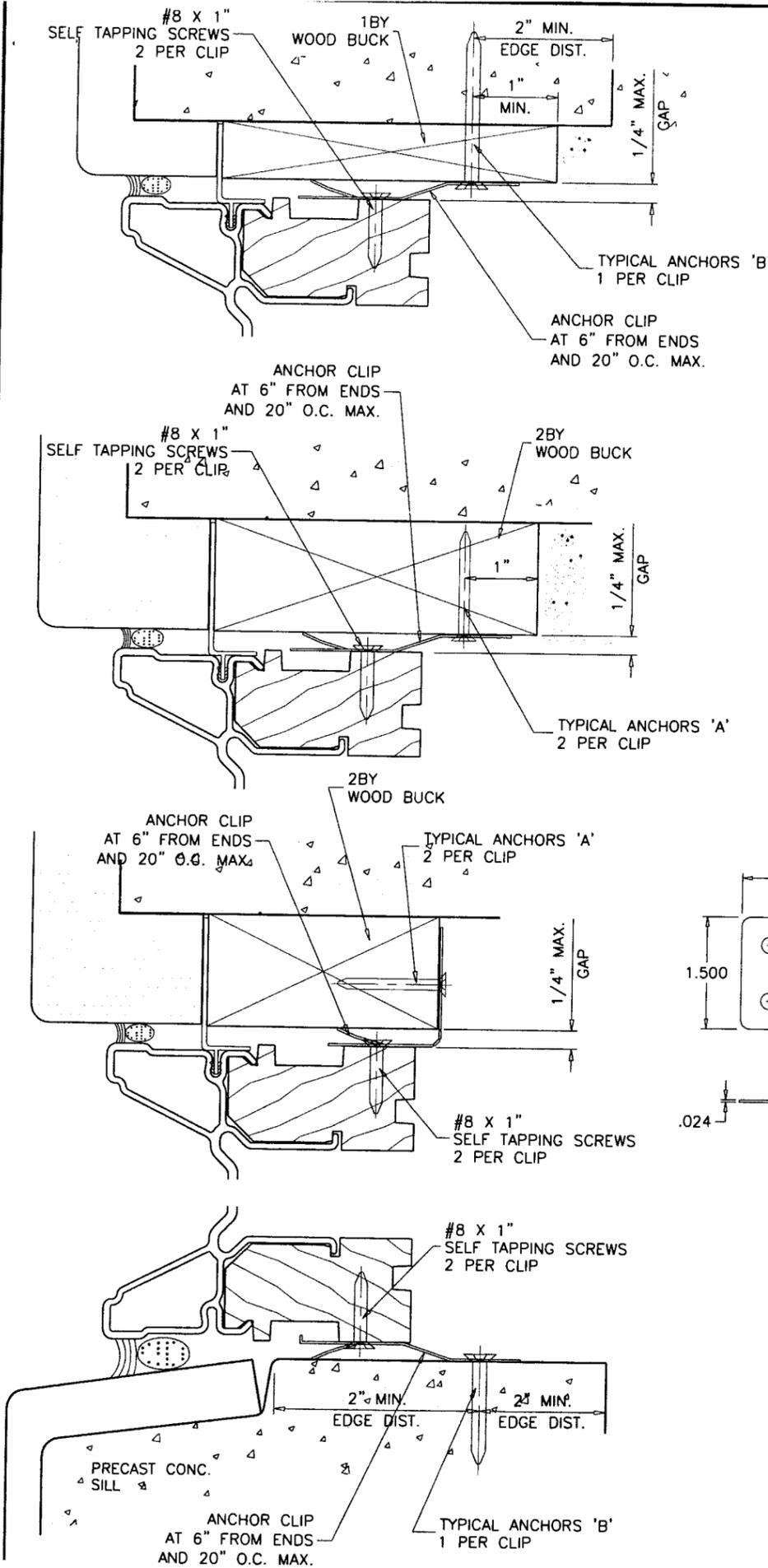
TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2" MIN.
INTO WOOD STRUCTURE = 3/4" MIN.

FLEXIFRAME WINDOWS

Engr: ARSHAD VIQAR
CIVIL
FLA. PE # 38863
C.A.N. 3538
Arq
OCT 23 2009

PRODUCT REVISED
on complying with the Florida
Building Code
Acceptance No **09-1109.06**
Expiration Date **11/05/2012**
By *[Signature]*
Miami Field Product Control
Division



CLIP INSTALLATION DETAILS

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

Ar
 OCT 23 2009

PRODUCT REVISED
 as complying with the Florida
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By *[Signature]*
 Miami Dade Product Control
 Division

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\W07-58AC

FLEXIFRAME/SPRINGLINE FIXED WOOD WINDOWS
ANDERSEN CORPORATION
 100 FOURTH AVE. NORTH
 BAYPORT, MN. 55003-1096
 TEL. (800) 426-7691 FAX (-)

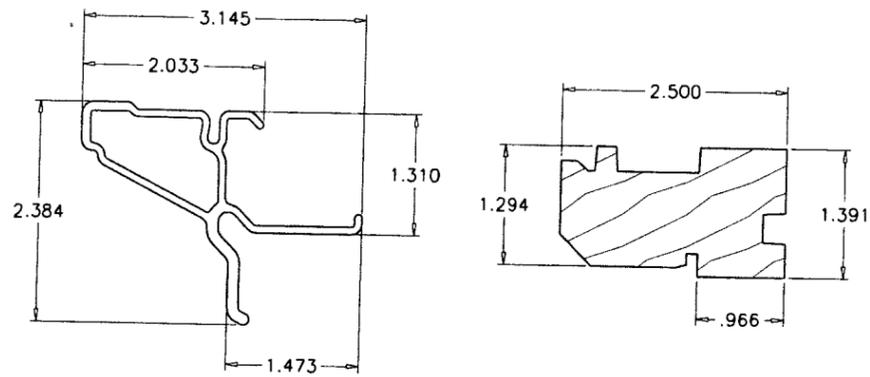
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A	11.20.07	REV. PER BCCO COMMENTS
B	10.21.09	UPDATED FOR 2007 FBC

revisions:

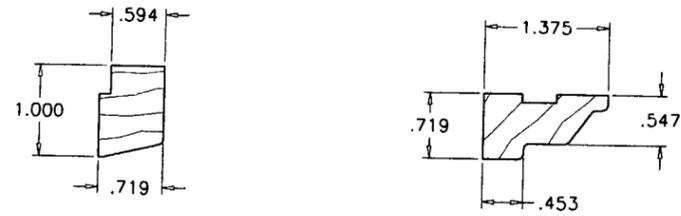
date: 08-01-07
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W07-58

sheet 4 of 10



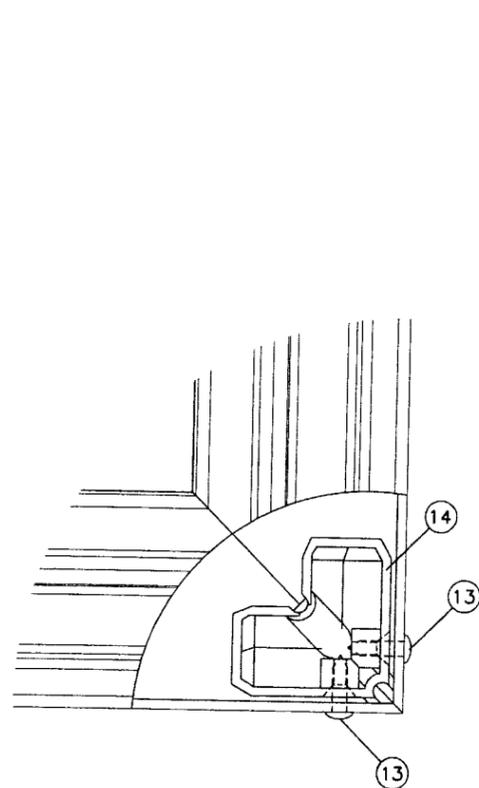
② FRAME COVER ① FRAME HEAD/SILL/JAMB



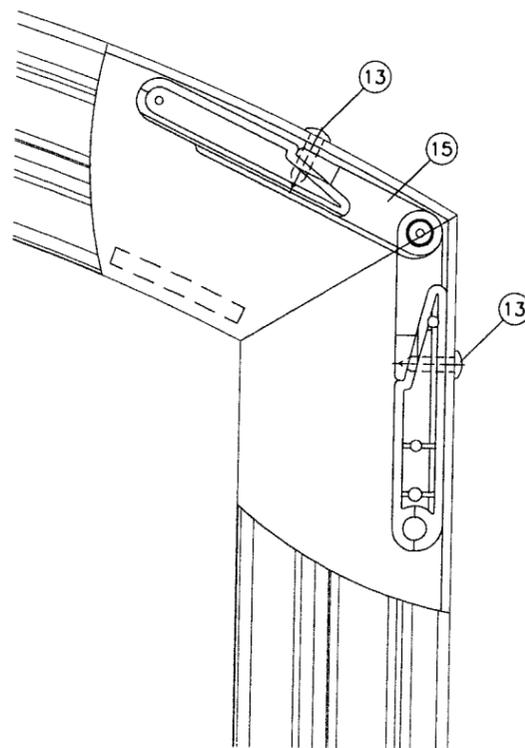
③ INTERIOR GLASS STOP ④ INTERIOR STOP

ITEM #	PART NO.	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	AS REQD.	FRAME HEAD/SILL/JAMB	WOOD	ANDERSEN
2	-	AS REQD.	FRAME COVER	VINYL	-
3	-	AS REQD.	INTERIOR GLASS STOP	WOOD	ANDERSEN
4	-	AS REQD.	INTERIOR STOP	WOOD	ANDERSEN
5	DC-983-2/DC9-1350	AS REQD.	GLAZING COMPOUND	SILICONE	DOW CORNING
6	20065	AS REQD.	SETTING BLOCK SPACER	VINYL	AT 1/4 POINTS
7	11084	AS REQD.	GLASS SPACERS, 3" LONG	FOAM	-
8	-	-	GALVANIZED NAILS AT 8" O.C.	-	16 GA. X 1-3/4"
9	4220149	-	GALVANIZED NAILS AT 8" O.C.	-	16 GA. X 1-1/2"
10	DC-983-2	AS REQD.	FILLET BEAD	SILICONE	DOW CORNING
11	24136	AS REQD.	NAILING FIN	VINYL	-
12	4220180	AS REQD.	STAPLE	STEEL	3/8" X 1/2" X 16 GA.
13	3621000	AS REQD.	#8 X 5/8" SCREWS	ST. STEEL	-
14	11029	AS REQD.	90° CORNER LOCK	PLASTIC	-
15	11027	AS REQD.	ADJUSTABLE CORNER LOCK	PLASTIC	-

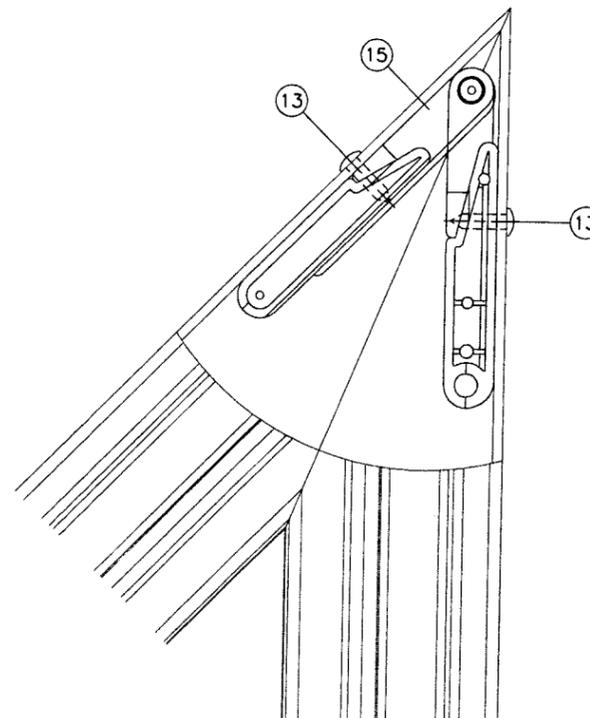
NON CURVED PROFILES COMPOSED OF YELLOW PINE, PONDEROSA PINE OR EQUAL.
 CURVED PROFILES COMPOSED OF LAMINATED YELLOW POPLAR, MAPLE OR SELECT HARD WOODS.



SQUARE CORNERS



CIRCULAR CORNERS



VARIABLE ANGLE CORNERS

Engr: ARSHAD VIQAR
 CIVIL
 FLA. PE # 38863
 C.A.N. 3538
Arq
 OCT 23 2009

FLEXIFRAME WINDOWS

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 09-1109.06
 Expiration Date 11/25/2012
 Division

AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL W07-58AC

FLEXIFRAME/SPRINGLINE FIXED WOOD WINDOWS
ANDERSEN CORPORATION
 100 FOURTH AVE. NORTH
 BAYPORT, MN. 55003-1096
 TEL. (800) 426-7691 FAX (-)

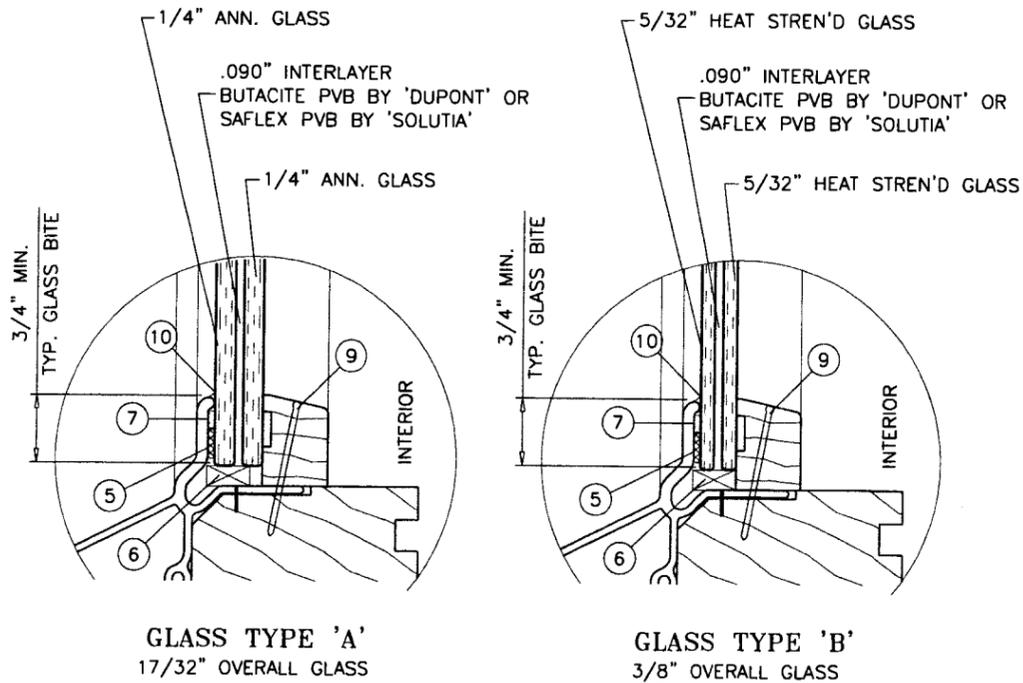
revisions:

no	date	by	description
A	11.20.07		REV. PER BCCO COMMENTS
B	10.21.09		UPDATED FOR 2007 FBC

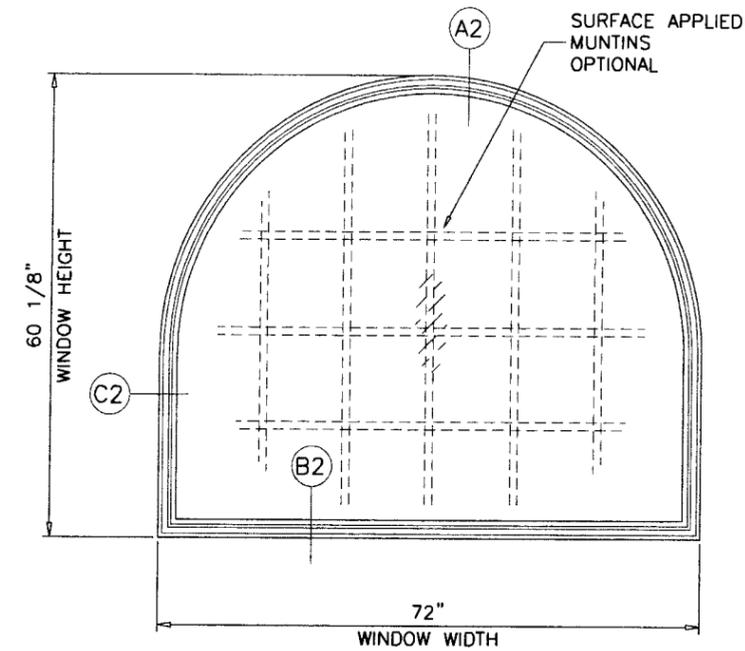
date: 08-01-07
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:
 drawing no. W07-58
 sheet 5 of 10

DESIGN LOAD CAPACITY - PSF				
WINDOW DESCRIPTION	UNIT WIDTH INCHES	UNIT HT. INCHES	GLASS TYPE 'A'	
			EXT.(+)	INT.(-)
SE3106	37-1/2	24-3/4	67.0	71.0
SE311		30-3/4	67.0	71.0
SE312		42-7/8	67.0	71.0
SE313		54-11/16	67.0	71.0
SE3135		59-9/16	67.0	71.0
SE314		66-3/4	67.0	71.0
SE3145		71-9/16	67.0	71.0
SE315		78-5/8	67.0	71.0
SE3155		83-9/16	67.0	71.0
SE316	90-5/8	67.0	71.0	
SP402	48	48-1/8	67.0	71.0
SP403		59-15/16	67.0	71.0
SP4035		64-13/16	67.0	71.0
SP404		72	67.0	71.0
SP4045		76-13/16	67.0	71.0
SP405		83-7/8	65.2	69.1
SP4055		88-13/16	63.8	67.6
SE5406	64-1/2	38-1/4	67.0	71.0
SE541		44-1/4	67.0	71.0
SE542		56-3/8	67.0	71.0
SE543		68-3/16	54.4	57.7
SE5806	68-1/2	40-1/4	67.0	71.0
SE581		46-1/4	67.0	71.0
SE582		58-3/8	67.0	71.0
SE6006	72	42	67.0	71.0
SE601		48	67.0	71.0
SE602		60-1/8	67.0	71.0
ELFW6006	71-1/4	35-13/16	67.0	71.0
ELFW601		42-13/16	67.0	71.0
ELFW602		54-13/16	67.0	71.0

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-02/04 (3 SEC. GUSTS).



GLAZING OPTIONS



TYPICAL ELEVATION
TESTED UNIT (EXTERIOR VIEW)

WINDOWS CAN BE INSTALLED WITH ANY OF THE FOLLOWING OPTIONS

OPTION #1: BY USING FASTENERS THRU WINDOW FRAME INTO STRUCTURE AT 6" FROM CORNERS AND 15" O.C. MAX.

OPTION #2: BY USING FASTENERS THRU ANCHOR CLIPS AT 6" FROM CORNERS AND 20" O.C. MAX.

SEE SHEETS 8 AND 9 FOR DETAILS.

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

Am

OCT 23 2009

SPRINGLINE WINDOWS

PRODUCT REVISED
in complying with the Florida
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Acceptance No. 09-1109.06
Expiration Date 11/05/2012

By *[Signature]*
Miami Dade Product Control
Division

af c

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

FLEXIFRAME/SPRINGLINE FIXED WOOD WINDOWS

ANDERSEN CORPORATION
100 FOURTH AVE. NORTH
BAYPORT, MN. 55003-1096
TEL. (800) 426-7691 FAX (-)

AW

no	date	description
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revisions:

date: 08-01-07

scale: 1/2" = 1'-0"

dr. by: HAMID

chk. by:

drawing no. **W07-58**

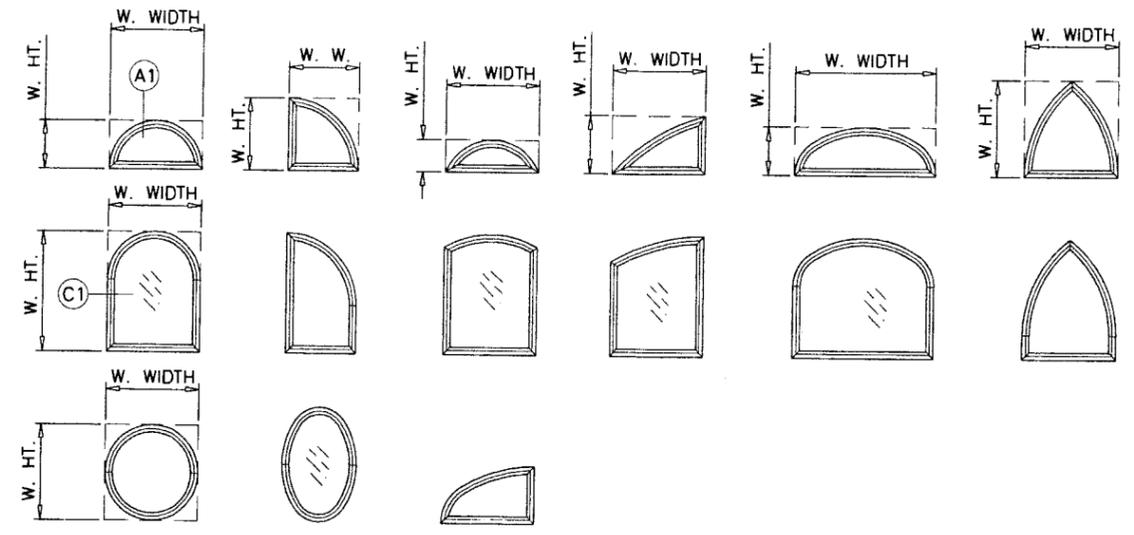
sheet 6 of 10

COMP-ANL\W07-58AC

DESIGN LOAD CAPACITY - PSF				
WINDOW DIMS.		GLASS TYPES 'A' OR 'B'		
WIDTH	HEIGHT	EXT. (+)	INT. (-)	
24"	36"	67.0	71.0	
30"		67.0	71.0	
36"		67.0	71.0	
42"		67.0	71.0	
48"		67.0	71.0	
54"		67.0	71.0	
60"		67.0	71.0	
66"		67.0	71.0	
72"		67.0	71.0	
78"		67.0	71.0	
84"	67.0	71.0		
24"	42"	67.0	71.0	
30"		67.0	71.0	
36"		67.0	71.0	
42"		67.0	71.0	
48"		67.0	71.0	
54"		67.0	71.0	
60"		67.0	71.0	
66"		67.0	71.0	
72"		67.0	71.0	
78"		67.0	71.0	
84"	67.0	71.0		
24"	48"	67.0	71.0	
30"		67.0	71.0	
36"		67.0	71.0	
42"		67.0	71.0	
48"		67.0	71.0	
54"		67.0	71.0	
60"		67.0	71.0	
66"		67.0	71.0	
72"		67.0	71.0	
78"		67.0	71.0	
24"	54"	67.0	71.0	
30"		67.0	71.0	
36"		67.0	71.0	
42"		67.0	71.0	
48"		67.0	71.0	
54"		67.0	71.0	
60"		67.0	71.0	
66"		67.0	71.0	
24"		60"	67.0	71.0
30"			67.0	71.0
36"	67.0		71.0	
42"	67.0		71.0	
48"	67.0		71.0	
54"	65.0		68.9	
60"	58.5	62.0		

DESIGN LOAD CAPACITY - PSF				
WINDOW DIMS.		GLASS TYPES 'A' OR 'B'		
WIDTH	HEIGHT	EXT. (+)	INT. (-)	
24"	66"	67.0	71.0	
30"		67.0	71.0	
36"		67.0	71.0	
42"		67.0	71.0	
48"		67.0	71.0	
54"		65.0	68.9	
24"	72"	67.0	71.0	
30"		67.0	71.0	
36"		67.0	71.0	
42"		67.0	71.0	
48"		67.0	71.0	
24"		78"	67.0	71.0
30"	67.0		71.0	
36"	67.0		71.0	
42"	67.0		71.0	
48"	67.0		71.0	
24"	84"		67.0	71.0
30"		67.0	71.0	
36"		67.0	71.0	
42"		67.0	71.0	
24"		90"	67.0	71.0
30"			67.0	71.0
36"	67.0		71.0	
24"	96"		67.0	71.0
30"			67.0	71.0
36"			67.0	71.0

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-02/04 (3 SEC. GUSTS).



ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING WINDOW SHAPE WITHIN SQUARE OR RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.

SPRINGLINE WINDOWS

Engr: ARSHAD VIQAR
CIVIL
FLA. PE # 38863
C.A.N. 3538
Ar
OCT 23 2009

PRODUCT REVISED
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Building Code
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Expiration Date 11/05/2012
By *[Signature]*
Miami Code Product Control
Division

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 \ W07 - 58AC

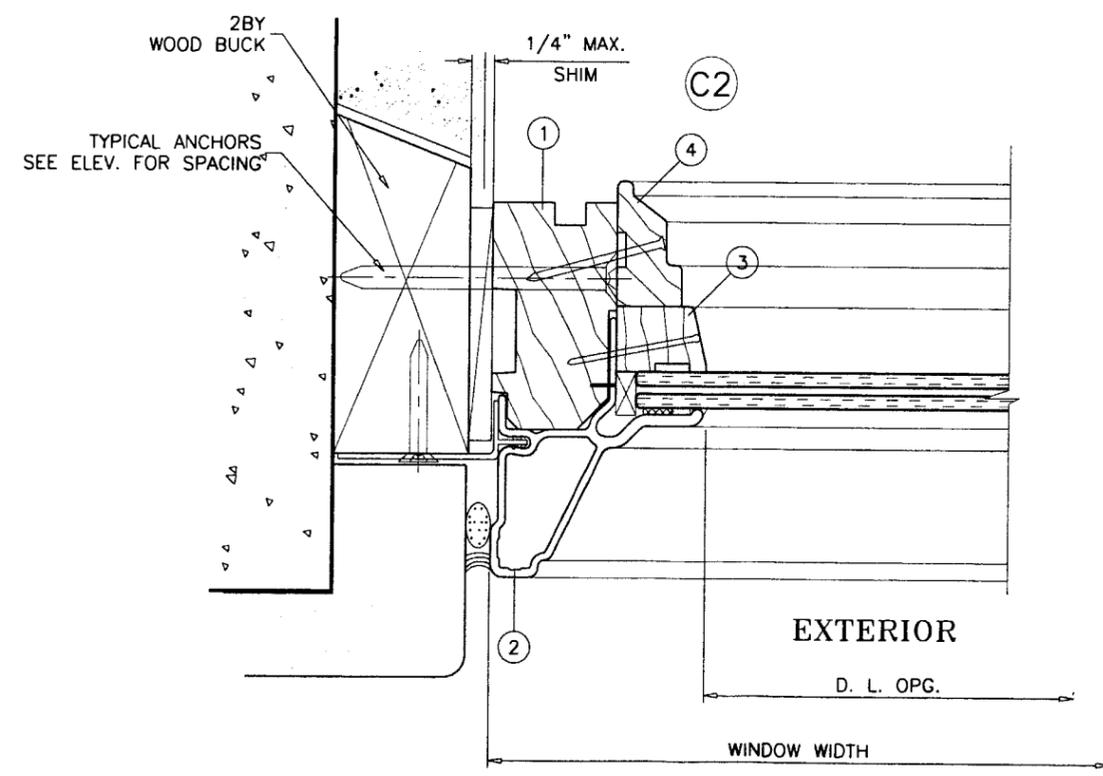
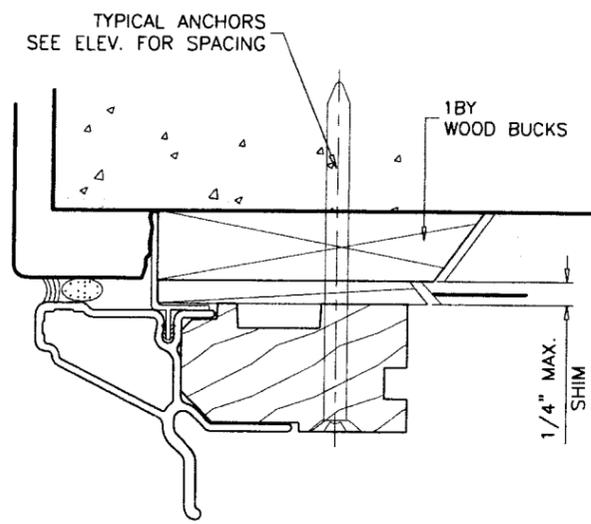
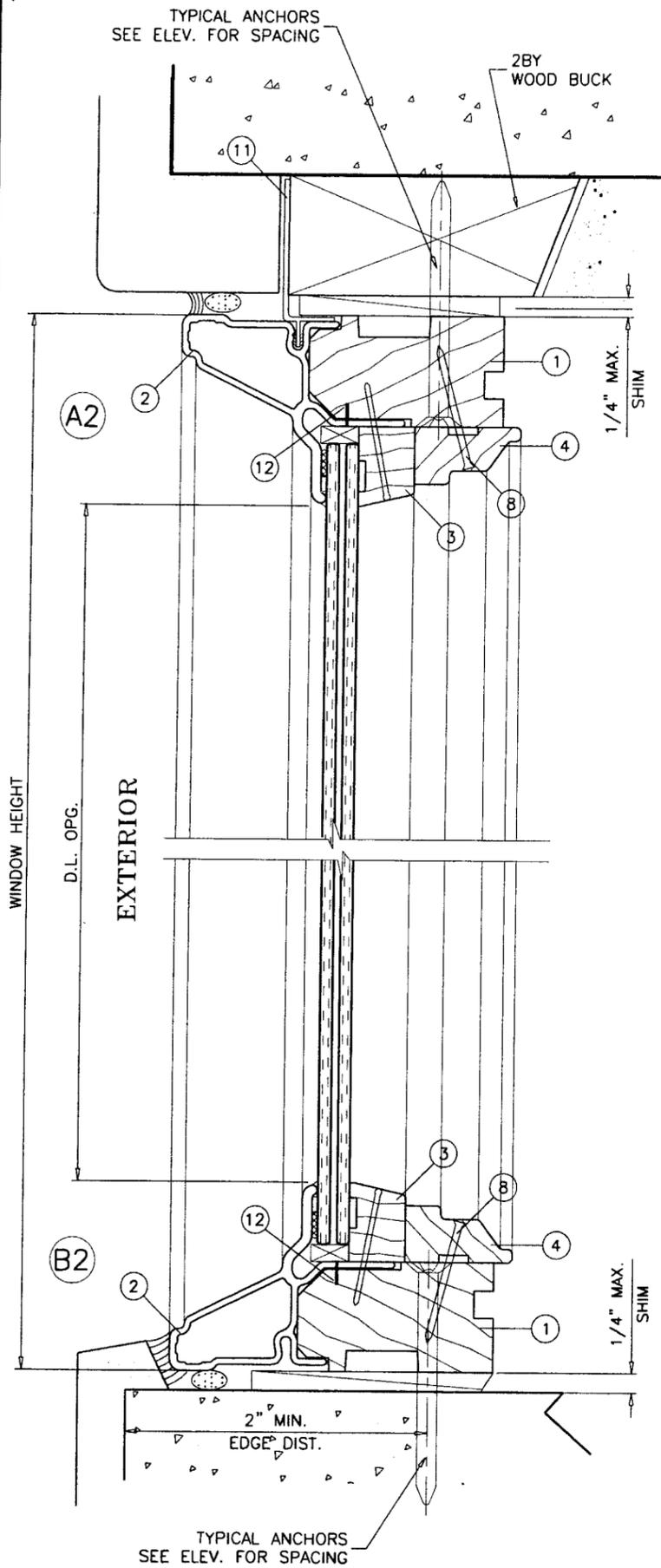
FLEXIFRAME/SPRINGLINE FIXED WOOD WINDOWS
ANDERSEN CORPORATION
100 FOURTH AVE. NORTH
BAYPORT, MN. 55003-1096
TEL. (800) 426-7691 FAX (-)
AW

no.	date	description
A	11.20.07	NO CHANGE THIS SHEET
B	10.21.09	UPDATED FOR 2007 FBC

revisions:

date: 08-01-07
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no. **W07-58**
sheet 7 of 10



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

TYPICAL ANCHORS

ANCHORS THRU WINDOW FRAME

#10 SMS
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
 1-1/2" MIN. PENETRATION INTO WOOD

1/4" DIA. TAPCONS
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
 1-1/2" MIN. PENETRATION INTO WOOD

THRU WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

ANCHORS THRU INSTALLATION CLIPS

A: #8 SMS
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
 1-1/2" MIN. PENETRATION INTO WOOD

B: 1/4" DIA. TAPCONS
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
 1-1/2" MIN. PENETRATION INTO WOOD

THRU WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2" MIN.
 INTO WOOD STRUCTURE = 3/4" MIN.

SPRINGLINE WINDOWS

Engr: ARSHAD VIQAR
 CIVIL
 FLA. PE # 38863
 C.A.N. 3538
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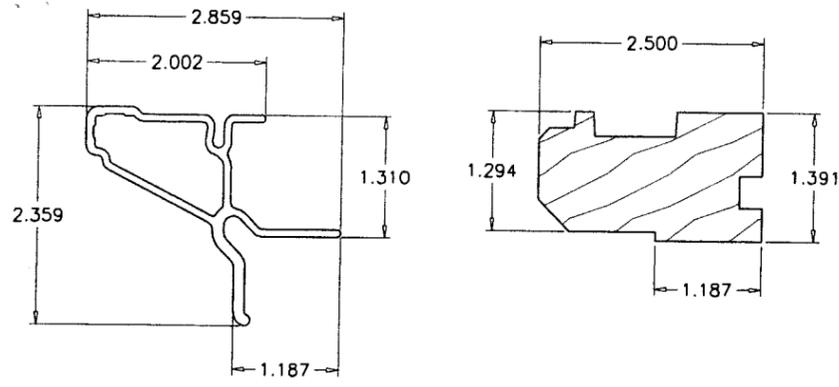
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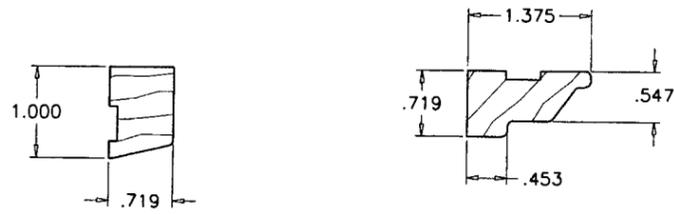
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 chk. by:

drawing no.
W07-58
 sheet 8 of 10



② FRAME COVER

① FRAME HEAD/SILL/JAMB

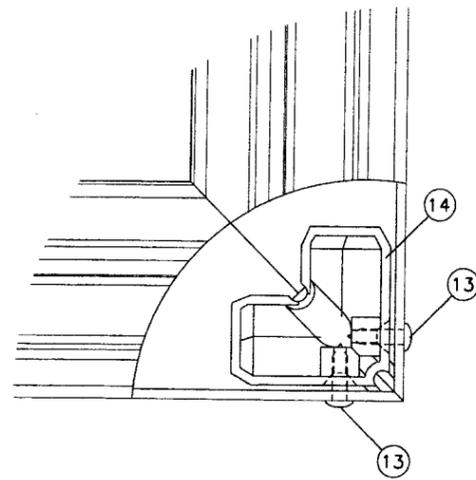


③ INTERIOR GLASS STOP

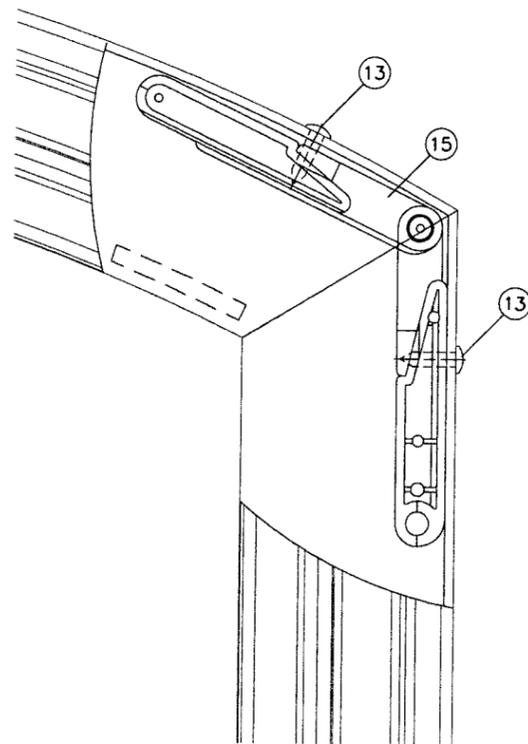
④ INTERIOR STOP

ITEM #	PART NO.	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	11023	AS REQD.	FRAME HEAD/SILL/JAMB	WOOD	ANDERSEN
2	-	AS REQD.	FRAME COVER	VINYL	-
3	-	AS REQD.	INTERIOR GLASS STOP	WOOD	ANDERSEN
4	-	AS REQD.	INTERIOR STOP	WOOD	ANDERSEN
5	DC-983-2/DC9-1350	AS REQD.	GLAZING COMPOUND	SILICONE	DOW CORNING
6	20065	AS REQD.	SETTING BLOCK SPACER	VINYL	AT 1/4 POINTS
7	11084	AS REQD.	GLASS SPACERS, 3" LONG	FOAM	-
8	-	-	GALVANIZED NAILS AT 8" O.C.	-	16 GA. X 1-3/4"
9	4220149	-	GALVANIZED NAILS AT 8" O.C.	-	16 GA. X 1-1/2"
10	DC-983-2	AS REQD.	FILLET BEAD	SILICONE	DOW CORNING
11	24136	AS REQD.	NAILING FIN	VINYL	-
12	4220180	AS REQD.	STAPLE	STEEL	3/8" X 1/2" X 16 GA.
13	3621000	AS REQD.	#8 X 5/8" SCREWS	ST. STEEL	-
14	11029	AS REQD.	90° CORNER LOCK	PLASTIC	-
15	11027	AS REQD.	ADJUSTABLE CORNER LOCK	PLASTIC	-

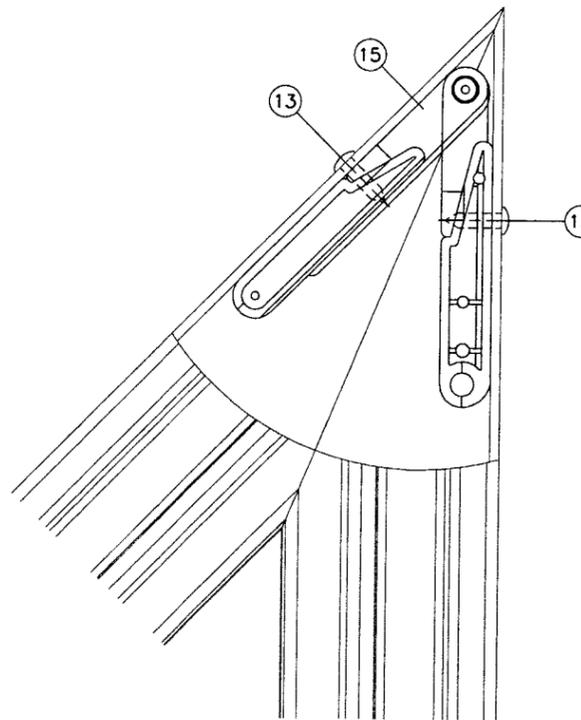
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SQUARE CORNERS



CIRCULAR CORNERS



VARIABLE ANGLE CORNERS

SPRINGLINE WINDOWS

Engr: ARSHAD VIQAR
 CIVIL
 FLA. PE # 38863
 C.A.N. 3538
 OCT 23 2009

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