



**MIAMI-DADE COUNTY**  
**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)**

**S & P Architectural Products**  
**1221 Blount Road**  
**Pompano Beach, Fl 33069**

**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: Wood Glazed Fixed Window**

**APPROVAL DOCUMENT:** Drawing No. S&P-DS, titled "S & P Direct Set", sheets 1 through 3 of 3, dated 9/15/03 and last revised on 14-20-2004, prepared by Bromley Cook Engineering, Inc., signed and sealed by William D. Cook, P.E., bearing the Miami-Dade County Product Control Approval 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 consists of this page 1 and evidence pages E1, as well as approval document mentioned above. The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



**NOA No 02-0318.01**  
**Expiration Date: June 10, 2009**  
**Approval Date: June 10, 2004**  
**Page 1**

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**S & P Architectural Products**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWING**

1. Manufacturer's die drawings and sections.
2. Drawing No. **S&P-DS**, titled "S & P Direct Set", sheets 1 through 3 of 3, dated 9/15/03 and last revised on 14-20-2004, prepared by Bromley Cook Engineering, Inc., signed and sealed by William D. Cook, P.E.

**B. TESTS**

1. Test reports on 1) Air Infiltration Test, per TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per TAS 202-94.  
3) Water Resistance Test, per TAS 202-94.  
4) Large Missile Impact Test, per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94.

Along with marked-up drawing of a Rectangular Wood Glazed Fixed Window, prepared by Hurricane Testing Laboratory. Test Report No. **HTL #0267-0820.01**, (specimen #1) dated 08/21/01, signed and sealed by Vinu Abraham, P.E.

2. Test reports on 1) Large Missile Impact Test, per FBC, TAS 201-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94.

Along with marked-up drawing of Half Circle Wood Glazed Fixed Window, prepared by Hurricane Testing Laboratory. Test Report No. **HTL #0267-0820.01** (specimen #2), dated 08/21/01, signed and sealed by Vinu Abraham, P.E.

3. Test reports on 1) Large Missile Impact Test, per FBC, TAS 201-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94.

Along with marked-up drawing of Round Top Wood Glazed Fixed Window, prepared by Hurricane Testing Laboratory. Test Report No. **HTL #0267-0321.01** (specimen #3), dated 03/31/01, signed and sealed by Vinu Abraham, P.E.

Note: All of the above referenced test reports revised by an addendum letter, issued by Hurricane testing laboratory, dated August 06, 2002, signed and sealed by Vinu Abraham, P.E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis prepared by Bromley Cook Engineering, Inc., dated 03-07-2002 and last revised on 4/2/2004, signed and sealed by William D. Cook, P.E.

**D. QUALITY ASSURANCE BY:**

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

**E. STATEMENTS**

1. Statement letter of conformance and "No financial interest", dated 02/27/04, signed and sealed by William D. Cook, P.E.

**F. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **02-1205.03**, issued to Security Glass Holding LLC. for "SAF-GLAS", expiring on 12/16/2007.

**G. OTHERS**

1. Various Correspondences between BCCO and manufacturer.

*Ishaq I. Chanda*

Ishaq I. Chanda, P.E.

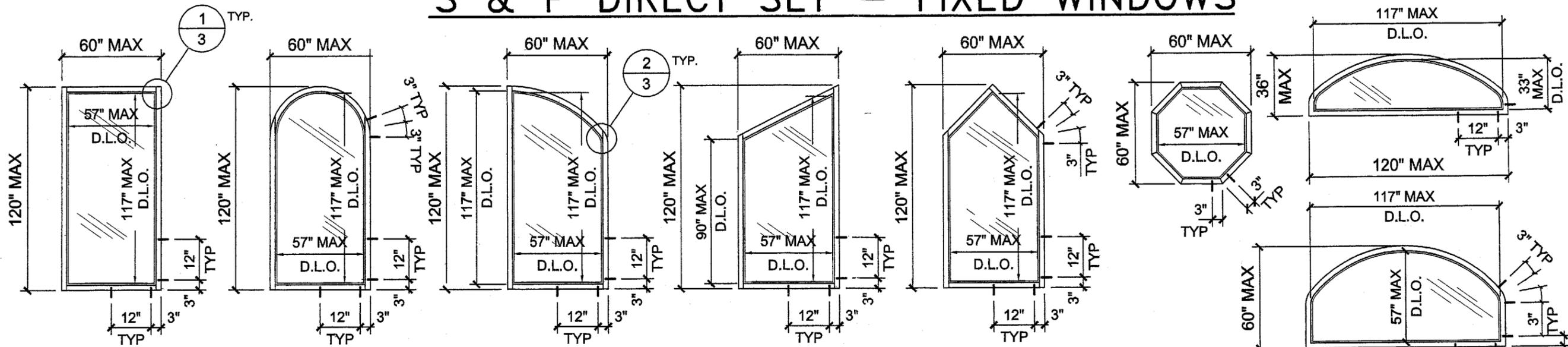
Product control Examiner

NOA No 02-0318.01

Expiration Date: June 10, 2009

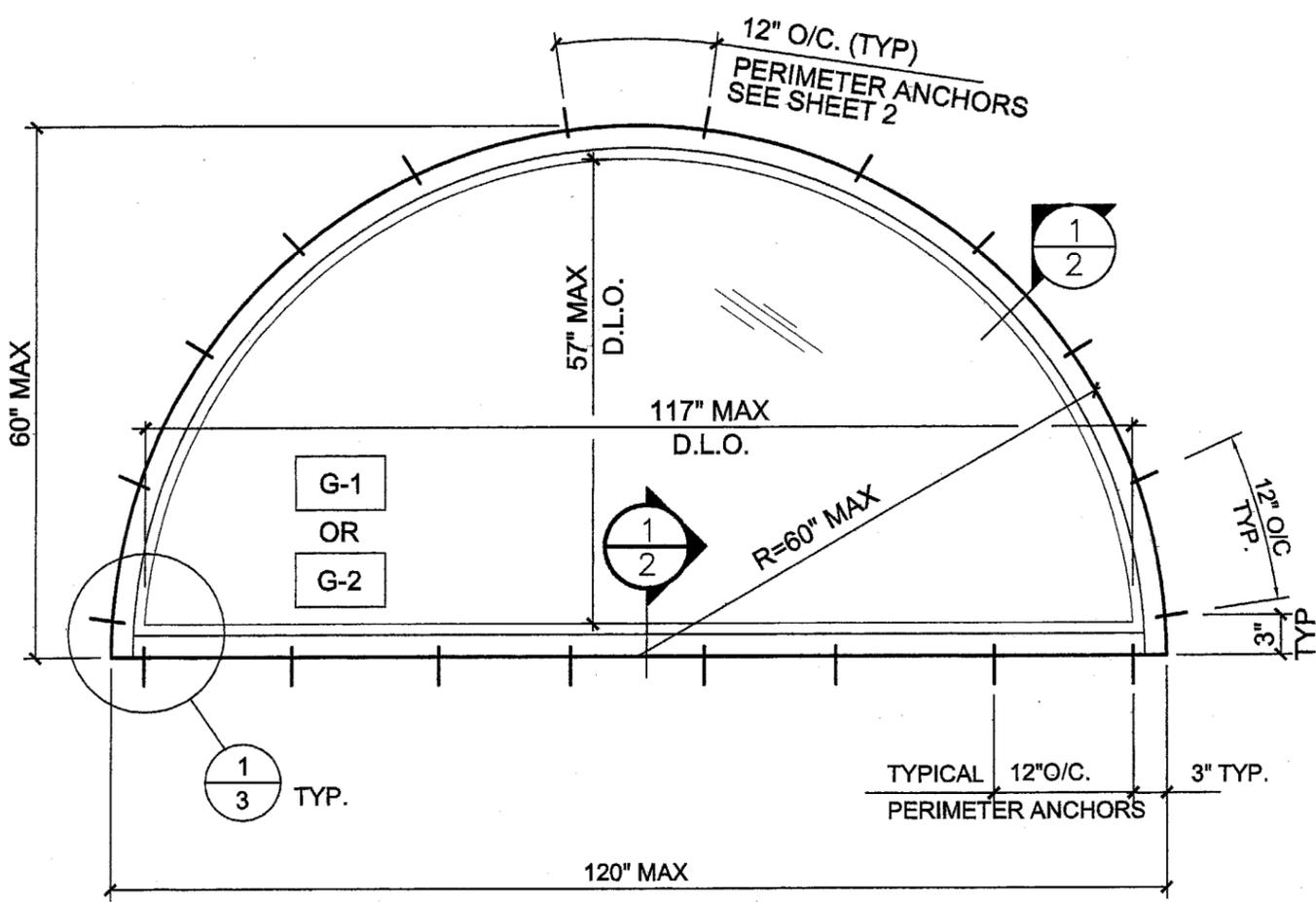
Approval Date: June 10, 2004

# S & P DIRECT SET – FIXED WINDOWS



**TYPICAL WINDOW CONFIGURATIONS**  
MAXIMUM APPROVED SIZES SHOWN

**NOTE:**  
D.L.O. = DAY LIGHT OPENING  
ALLOWABLE D.L.O. HEIGHT = FRAME (H) - 3"  
ALLOWABLE D.L.O. WIDTH = FRAME (W) - 3"



**FIXED WINDOW ELEVATION**

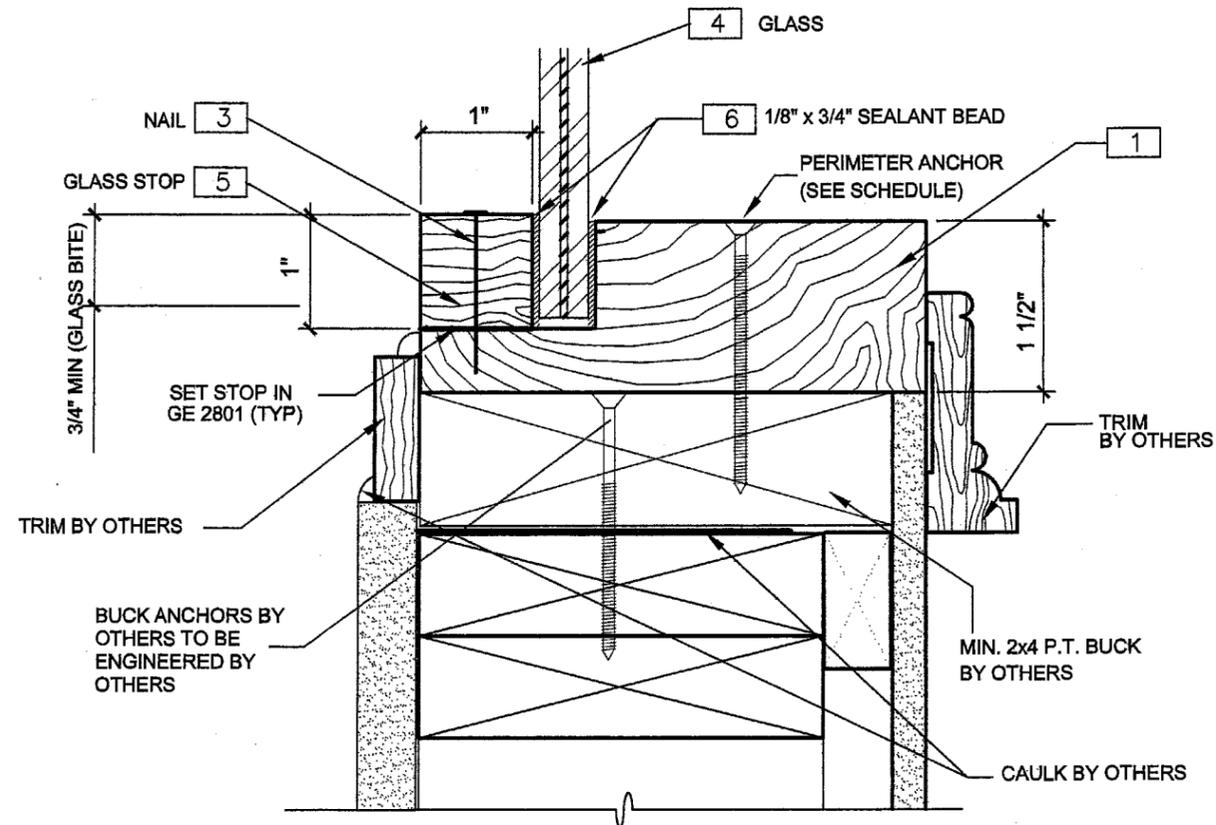
**GENERAL NOTES:**

1. THIS FIXED WINDOW SYSTEM HAS BEEN TESTED, ANALYZED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE DESIGN LOAD TABLE FOR IMPACT RESISTANCE.
2. BUCKING, OPENINGS & BUCKING FASTENERS MUST BE DESIGNED & INSTALLED TO WITHSTAND WIND LOADS AS DETERMINED FOR EACH APPLICATION.
3. BUCK FASTENERS MAY NOT EXCEED 16" O.C. SPACING AROUND OPENINGS.
4. ALL FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
5. THESE FIXED WINDOW SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, 2001 EDITION.
6. THIS PRODUCT HAS BEEN TESTED IN ACCORDANCE WITH DADE COUNTY PROTOCOLS PA-201, PA-202 & PA-203 FOR LARGE MISSILE IMPACT, STRUCTURAL & CYCLIC TESTING. - REFER TO TEST REPORT # HTL 0267-0820-01& # HTL 0267-0321-01

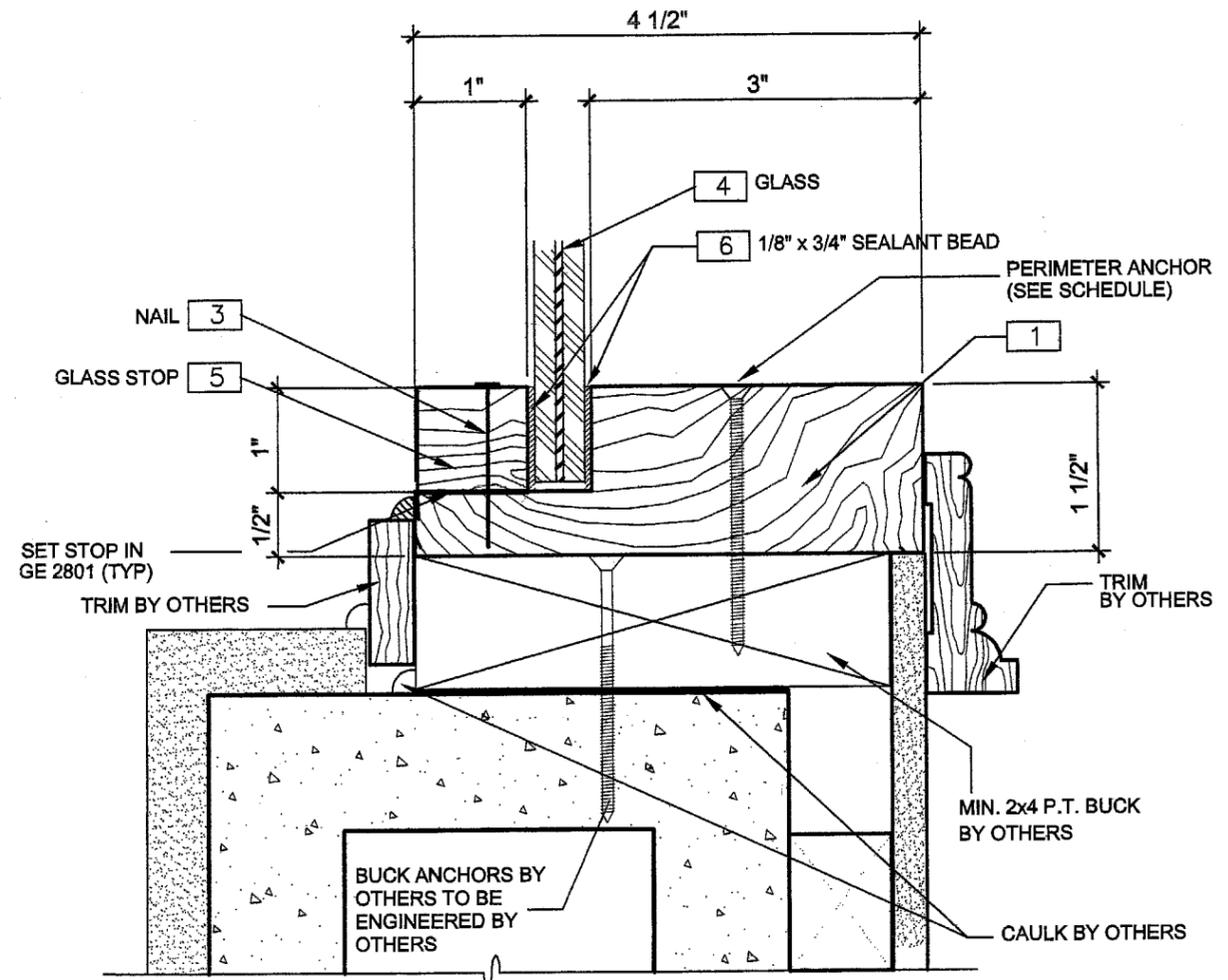
Approved as complying with the Florida Building Code  
Date: JUNE 10, 2004  
NOA# 02-0318-01  
Miami Dade Product Control  
Division  
By: Shaq I. Lhank

ALLOWABLE DESIGN PRESSURE SEE DESIGN LOAD CHART ON PAGE 3	
LARGE MISSILE IMPACT GLAZING:	
G-1	7/16" TEMP. LAMINATED "SAF-GLASS" BY SECURITY IMPACT GLASS 3/16" TEMP / .015 ADHESIVE BY SIG + .070" POLYCARBONATE - BY SIG + .015 ADHESIVE" 3/16" TEMP
G-2	7/16" H.S. LAMINATED "SAF-GLASS" BY SECURITY IMPACT GLASS 3/16" H.S. / .015 ADHESIVE BY SIG + .070" POLYCARBONATE - BY SIG + .015 ADHESIVE" 3/16" H.S.
GLAZING SEALANT: 1/8" x 3/4" BEAD OF GE ULTRAGLAZE SSG4000 ON INTERIOR & EXTERIOR SIDES	

DATE	7/15/02
BY	G.R.
REVISION DESCRIPTION	GENERAL REVISIONS
NO.	1
	2
	3
	4
S & P DIRECT SET	
MANUFACTURER	
S & P	
1721 BLOUNT ROAD, FLORIDA	
POMPANO BEACH, FLORIDA	
BROMLEY COOK ENGINEERING, INC.	
STRUCTURAL ENGINEERING SERVICES	
2004 N.E. 48th STREET	
FORT LAUDERDALE, FLORIDA 33308	
TEL: (954) 772-4624 FAX: (954) 772-4634	
CERTIFICATION	APR 21 2004
DATE:	9/15/03
DRAWING NO:	S&P-DS
SHEET NO:	1 OF 3
WILLIAM D. COOK P.E. FLA. P.E. # 43904 FLA. S.I. 2008	



1  
2 TYP. JAMB SECTION INSTALLATION  
DETAIL AT WOOD WALL  
SCALE: HALF SCALE



1  
2 TYP. JAMB SECTION INSTALLATION  
DETAIL AT BLOCK WALL  
SCALE: HALF SCALE

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Miami Code Product Control  
Division  
By Ismael J. Chanda

TYPICAL FASTENER SCHEDULE	
SUBSTRATE	FASTENER
WOOD No. 2 SYP. BUCK	#12 SMS WITH 1 1/4" EMBED
CONCRETE OR FILLED BLOCK	3/16" DIA. TAP-CON WITH 1 1/2" EMBED
FASTENER SPACING SHOWN ON ELEVATIONS	

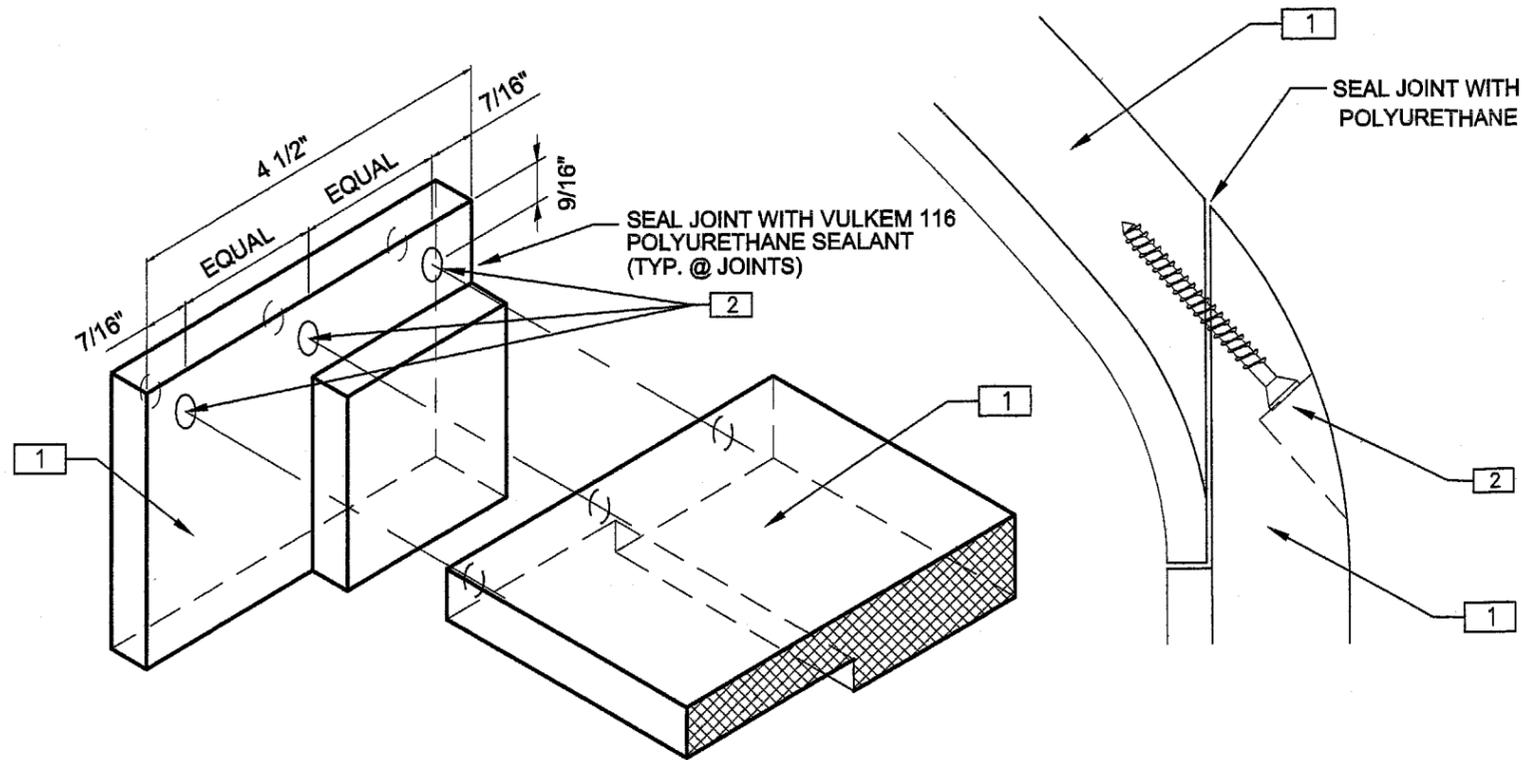
NO.	REVISION DESCRIPTION	BY	DATE
1	GENERAL REVISIONS	G.R.	7/15/02
2	GENERAL REVISIONS	G.R.	10/15/03
3	GENERAL REVISIONS	G.R.	04/20/04
4			

S & P DIRECT SET  
MANUFACTURER  
S & P  
1721 BLOUNT ROAD  
POMPANO BEACH, FLORIDA

BROMLEY COOK ENGINEERING, INC.  
STRUCTURAL ENGINEERING SERVICES  
2004 N.E. 48th STREET  
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TEL: (954) 772-4624 FAX: (954) 772-4634

CERTIFICATION  
APR 21 2004  
WILLIAM D. COOK P.E.  
FLA. P.E. # 43804  
FLA. S.I. 2008

DATE:  
9/15/03  
DRAWING NO:  
S&P-DS  
SHEET NO:  
2 OF 3

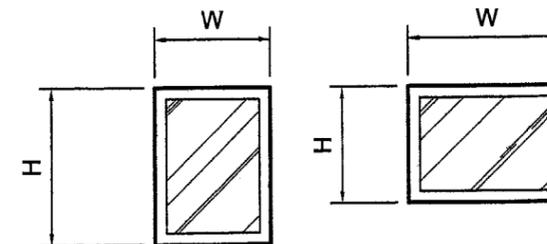


**1** TYP. FRAME CORNER DETAIL  
**3** (ALL MEETING JAMB MEMBERS TO BE SCREWED AT ALL CORNERS WITH (3) #10 x 2 1/2" S.M.S.)

**2** TYP. FRAME CORNER DETAIL FOR CURVED CORNERS  
**3** SCALE: N.T.S.  
 (ALL MEETING JAMB MEMBERS TO BE SCREWED AT ALL CORNERS WITH (3) #10 x 2 1/2" S.M.S.)

S & P DIRECT SET WINDOWS					
ALLOWABLE WINDOW SIZE CHART ( O.A. WINDOW SIZE )					
NOMINAL DIMS.		DESIGN LOAD - PSF			
FRAME SIZE:		GLASS TYPE: G-1		GLASS TYPE: G-2	
WIDTH	HEIGHT	EXTERNAL (+)	INTERNAL (-)	EXTERNAL (+)	INTERNAL (-)
88	60	60	75	60	60
92		60	75	60	60
96		60	75	58.9	58.9
100		60	75	56.5	56.5
104		60	75	54	54
108		60	75	52	52
112		60	75	49.8	49.8
116		60	75	47.6	47.6
120	60	75	46	46	
92	54	60	75	60	67
96		60	75	60	64.3
100		60	75	60	61.8
104		60	75	59.9	59.9
108		60	75	58.1	58.1
112		60	75	56.4	56.4
116		60	75	54.7	54.7
120		60	75	53.3	53.3
92	48	60	75	60	75
96		60	75	60	74.8
100		60	75	60	72.6
104		60	75	60	70.5
108		60	75	60	68.5
112		60	75	60	66.9
116		60	75	60	65.3
120		60	75	60	63.9

TESTED: 120" x 60" @ P= +60 / - 75  
 WATER TEST: 9 psi



NOTE: WINDOWS MAY BE ORIENTED HORIZONTALLY OR VERTICALLY

ITEM	MATERIAL LIST
1.	JAMB, HEAD & SILL (1 1/2" X 4 1/2" RABBETED & KERFED WOOD)
2.	#10 x 2 1/2" F.H.S.M.S. ( 3 PER JAMB CORNER FASTENING JAMB TO JAMB). TYP.
3.	4d x 1 1/4" FINISH NAIL, 2" FROM ENDS AND 5" O/C. - STOP TO FRAME
4.	7/16" LAMINATED "SAF-GLASS" - BY SECURITY IMPACT GLASS SEE GLAZING DESCRIPTION & DESIGN PRESSURES TABLE SHEET 1 OF 2.
5.	GLASS STOP - 1" x 1" WOOD - SET IN GE 2801 SEALANT
6.	SILICONE BACK BEDDING GLAZING, SEALING GLASS TO PANEL, GE ULTRA GLAZE SSG 4000

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BY	G.R.
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	2
	3
	4

**S & P DIRECT SET**

**MANUFACTURER**

**S & P**

1721 BLOUNT ROAD  
 POMPANO BEACH, FLORIDA

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APR 22 2004

Approved as complying with the Florida Building Code  
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 Miami Dade Product Control  
 Division  
 By Shaq I. Chaudh

**CERTIFICATION**

WILLIAM D. COOK P.E.  
 FLA. P.E. # 43804  
 FLA. S.I. 2008

DATE: 9/15/03  
 DRAWING NO: S&P-DS  
 SHEET NO: 3 OF 3