



MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

PRODUCT CONTROL NOTICE OF ACCEPTANCE

PGT Industries
1070 Technology Drive
Nokomis FL 34274

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT SECTION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

Your application for Product Approval of:

Series SGD-2500 Aluminum Sliding Glass Door

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This approval shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at anytime from a jobsite or manufacturer's plant for quality control testing.

If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

Acceptance No.: 00-0301.03

Expires: 05/22/2003

Raul Rodriguez
Chief Product Control Division

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS

BUILDING CODE & PRODUCT REVIEW COMMITTEE

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director

Miami-Dade County
Building Code Compliance Office

Approved: 06/08/2000

1 of 3



NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1 This renews the Notice of Acceptance No. 96-1023.03, which was issued on May 22, 1997. It approves an aluminum sliding glass door, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

- 2.1 The Series **SGD-2500 Aluminum Sliding Glass Door** and its components shall be constructed in strict compliance with the following document: Drawing No. 741, Sheet 1 of 6 titled "SGD-2500," prepared by Progressive Glass Technology, dated February 14, 2000, 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. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

- 3.1 This approval applies to single unit applications only, as shown in approved drawings.
3.2 Other configurations allowed: OX, XO, XX, OXO, XXX and XXXX.
3.3 Head receptor is not allowed to be used in this installation.
3.4 For Design Pressure Rating vs. Door Size, and Reinforcement. See Comparative Analysis Tables in approved drawings

4. INSTALLATION

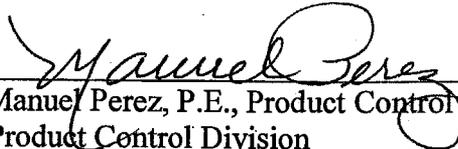
- 4.1 The aluminum sliding glass door and its components shall be installed in strict compliance with the approved drawings.
4.2 The installation of this product will require a hurricane protection system.

5. LABELING

- 5.1 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".

6. BUILDING PERMIT REQUIREMENTS

- 6.1 Application for building permit shall be accompanied by copies of the following:
6.1.1 This Notice of Acceptance.
6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.


Manuel Perez, P.E., Product Control Examiner
Product Control Division

PGT Industries

ACCEPTANCE No.: 00-0301.03

APPROVED : JUN 08 2000

EXPIRES : May 22, 2003

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

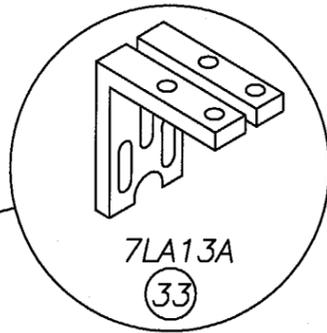
1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documents, including test-supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approval", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a. There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes.
 - b. The product is no longer the same product (identical) as the one originally approved.
 - c. If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product.
 - d. The engineer who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a. Unsatisfactory performance of this product or process.
 - b. Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purposes.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer needs not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

END OF THIS ACCEPTANCE

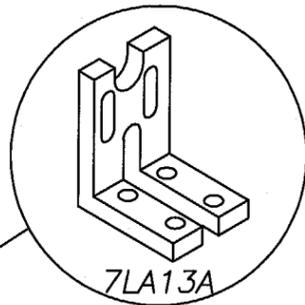
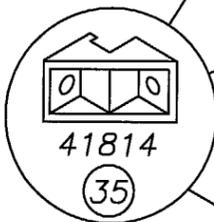

Manuel Perez, P.E., Product Control Examiner
Product Control Division

REMOVE TOP RAIL ASSEMBLY SCREWS AND REUSE TO INSTALL TOP FIXED PANEL CLIP TO PANEL JAMB. USE TWO #10 x 3/4" PAN HEAD PHIL(7S134) TO ATTACH CLIP TO MAIN FRAME HEAD.

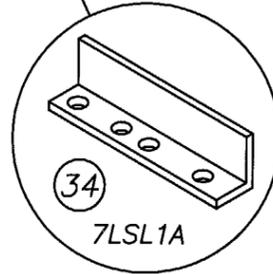
NOTE: 5 REQ'D
18" & 36" FROM
EACH END &
ONE AT MIDSPAN



USE TWO #10 x 3/4" PAN HEAD PHIL. (71034A) TO ATTACH BOTTOM CLIP TO PANEL JAMB USING BRKT. AS A TEMPLATE PRE-DRILL PANEL JAMB WITH A 3/32" DRILL BIT BEFORE DRIVING SCREWS. THEN ATTACH BRKT. TO SILL WITH #10 x 1 1/2" HEX. HD. TAP CON FURNISHED BY INSTALLER.

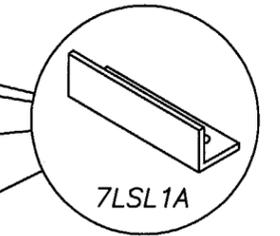
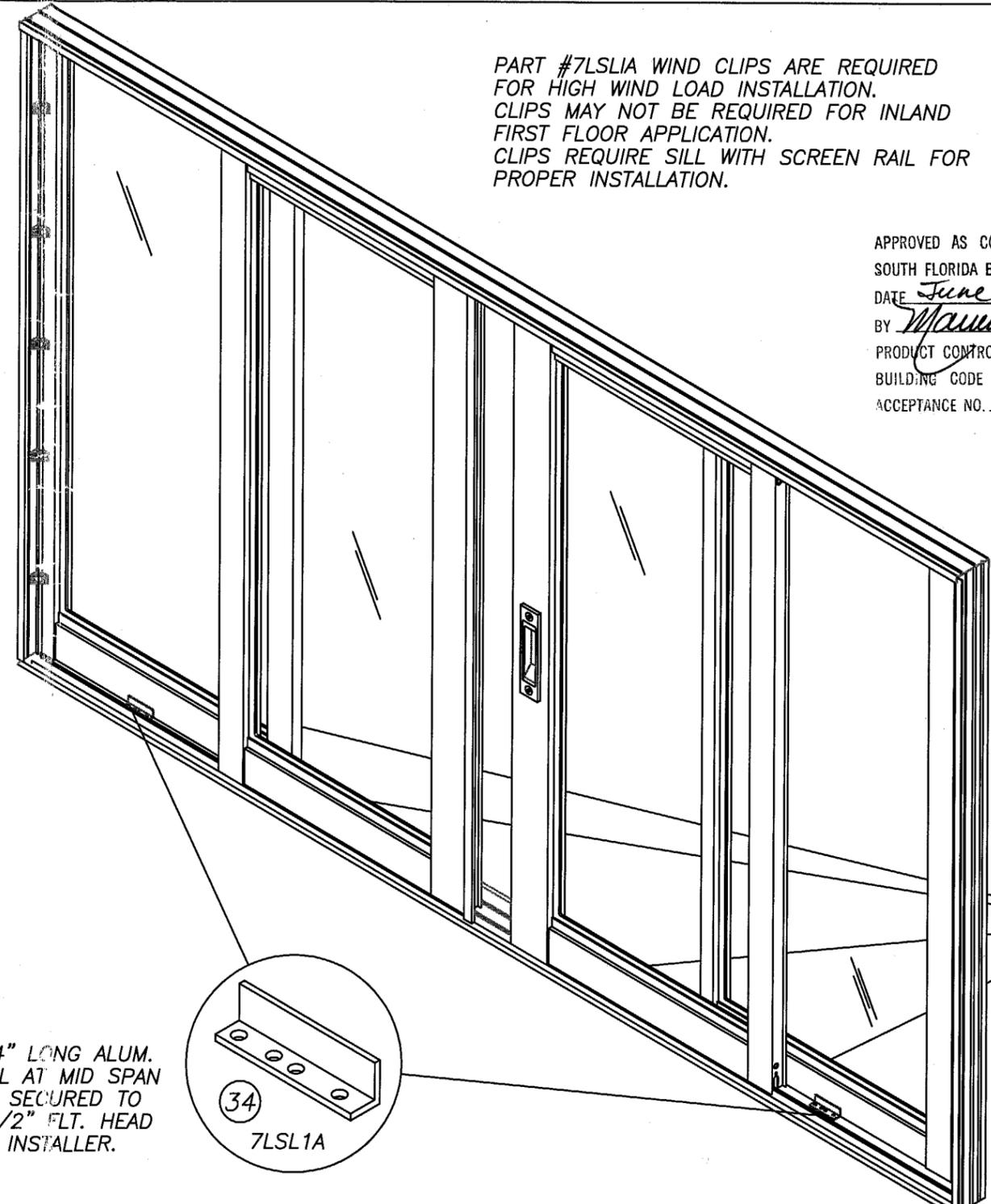


ONE 7/8" x 5/8" x 1/8" x 4" LONG ALUM. RETAINER ANGLE IN FRAME SILL AT MID SPAN OF EACH PANEL BOTTOM RAIL, SECURED TO FRAME WITH FOUR #10 x 1 1/2" FLT. HEAD TAPCON TO BE FURNISHED BY INSTALLER.



PART #7LSLIA WIND CLIPS ARE REQUIRED FOR HIGH WIND LOAD INSTALLATION. CLIPS MAY NOT BE REQUIRED FOR INLAND FIRST FLOOR APPLICATION. CLIPS REQUIRE SILL WITH SCREEN RAIL FOR PROPER INSTALLATION.

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE June 08, 2000
BY Manuel J. [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0301.03



FOR FIXED SLIDING GLASS DOOR PANEL INSTALLATION USE PART NUMBER 41814 IN BRONZE, WHITE, OR SILVER TO MATCH DOOR FINISH AND INSTALL WITH #8 x 3/4" (7834AA) PAN HEAD PHILLIPS SCREW AS SHOWN.

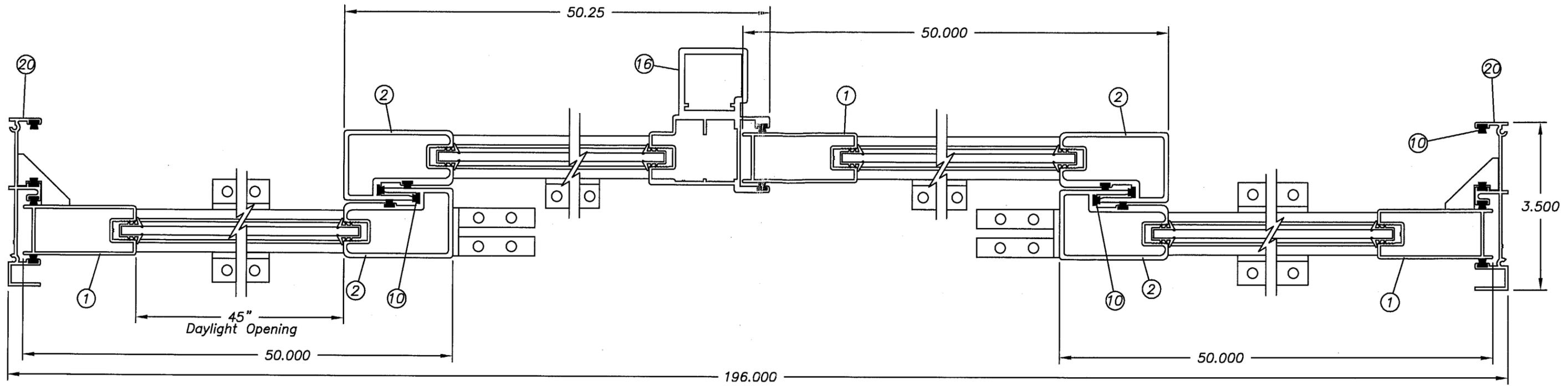
USING BRACKET AS A TEMPLATE PRE-DRILL LOCK STILE AND JAMB WITH A 3/32" DRILL BIT BEFORE DRIVING SCREWS.

USE THREE BRACKETS PER PANEL AT TOP, MIDDLE AND BOTTOM OF PANEL.

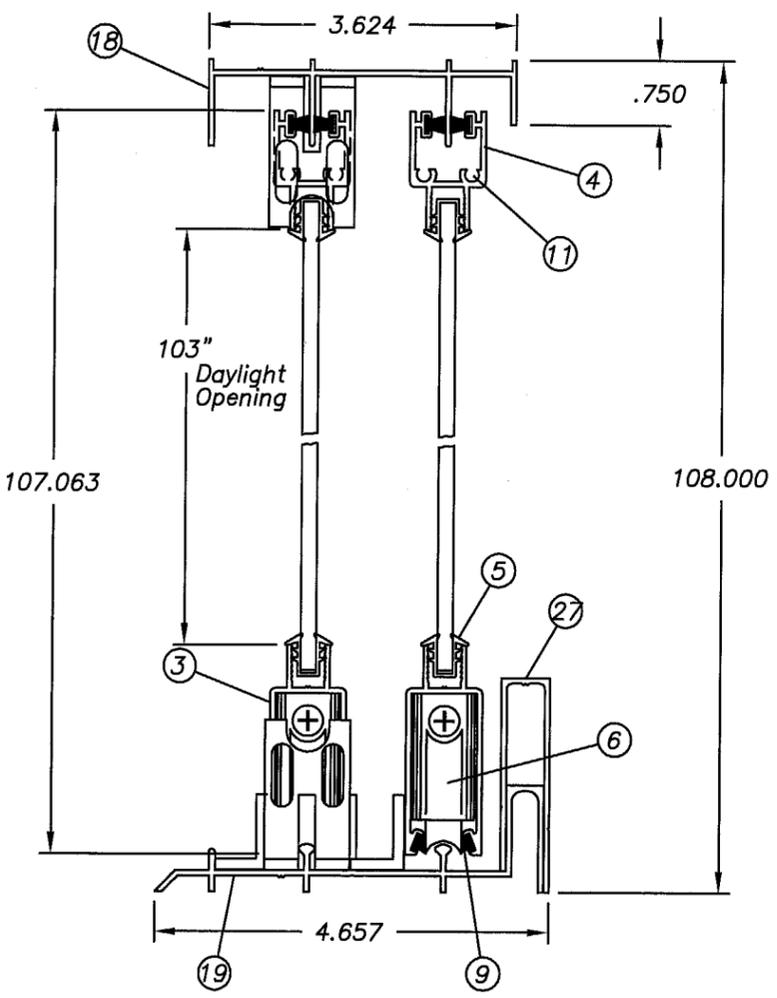
Robert J. Clark
2/28/00

Revisions:		Tolerances Unless Noted: Fractions: ± 1/64 Decimal .00: ± Decimal .000 ± Angular: ± 1°		1070 Technology Dr. Nokomis, Fl. 34275		PGI INDUSTRIES			
Material:		Series/Model: SGD-2500		Description: SGD-2500 OXXO Elevation					
Revised By:	Date:	Chkd By:	Date:	PGT NO:	VENDOR NO:	Scale:	Sheet:	Drawing No.	Rev:
Drawn By:	D.B.	Date:	2/14/00				1 of 6	741	

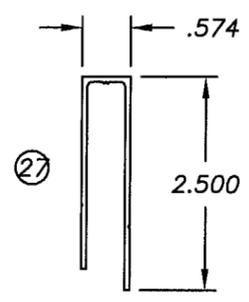
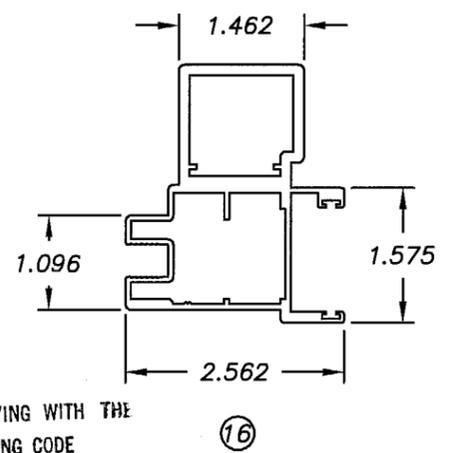
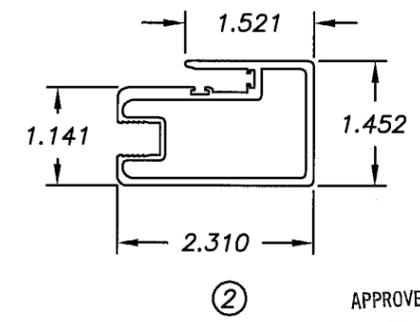
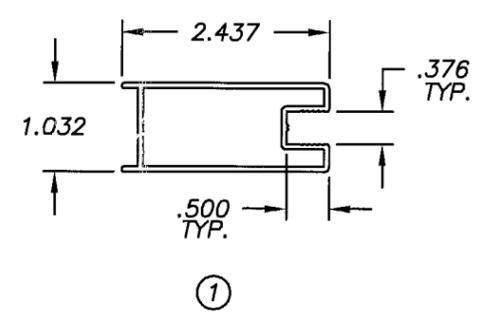
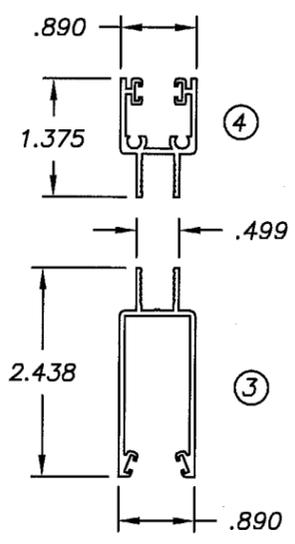
00-0301.03



HORIZONTAL SECTION



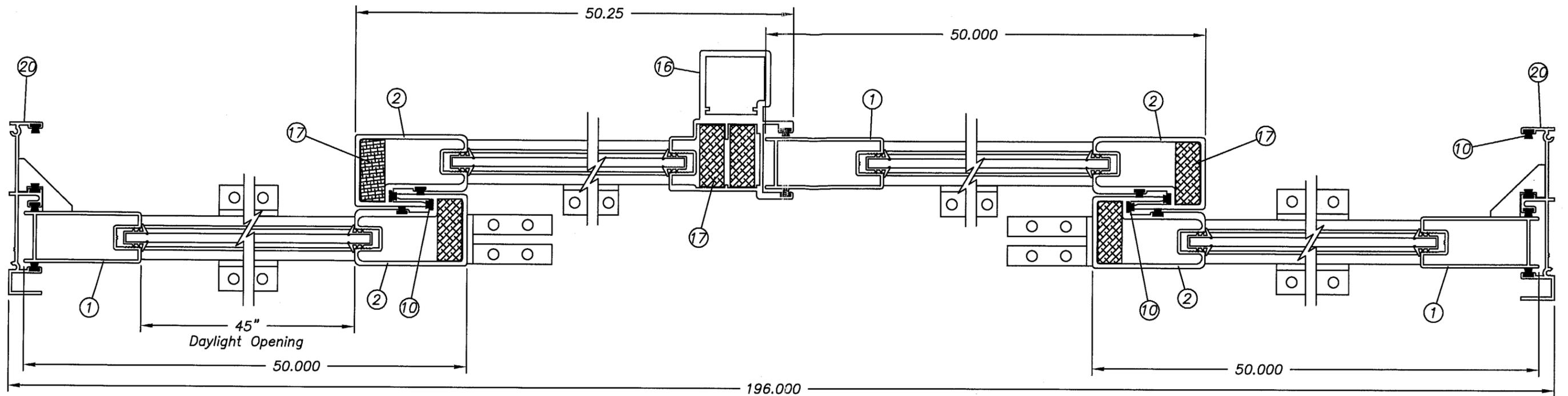
VERTICAL SECTION



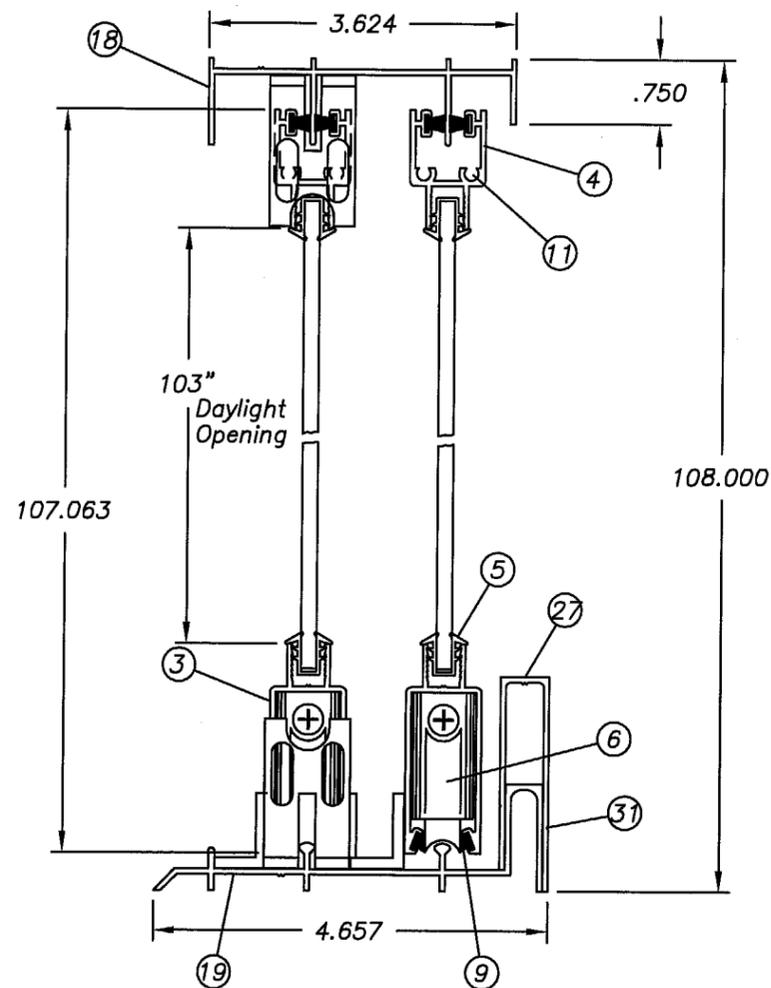
Robert Clark
2/28/00

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE: *June 08, 2000*
BY: *Maurice...*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. *00-0301.03*

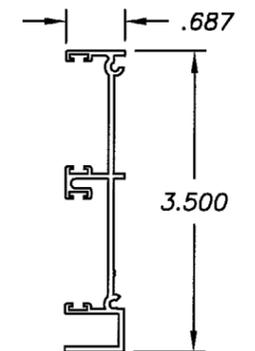
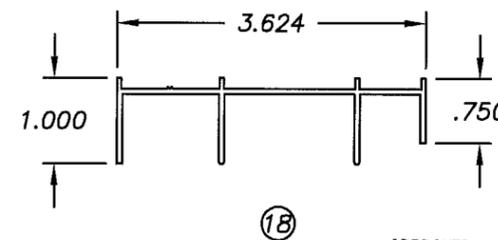
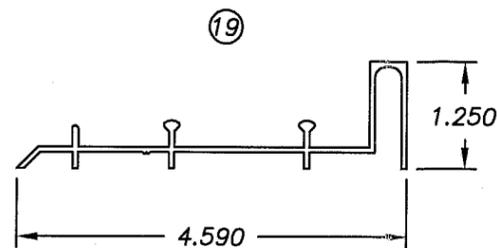
Revisions:		Tolerances Unless Noted: Fractions: ± 1/64 Decimal .00: ± Decimal .000 ± Angular: ± 1'		1070 Technology Dr. Nokomis, Fl. 34275		PGT INDUSTRIES			
Material:		Series/Model: SGD-2500		Description: Section View w/out Reinforcement					
Revsd By:	Date:	Chkd By:	Date:	PGT NO:	VENDOR NO:	Scale:	Sheet:	Drawing No.	Rev:
Drawn By:	D.B.	Date:	2/14/00				2 of 6	741	



HORIZONTAL SECTION



VERTICAL SECTION



APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE *June 08, 2000*
 BY *Maunul [Signature]*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. *00-0301.03*

Robert [Signature]
 2/28/00

Revisions:		Tolerances Unless Noted: Fractions: ± 1/64 Decimal .00: ± Decimal .000: ± Angular: ± 1°		1070 Technology Dr. Nokomis, Fl. 34275		PGT INDUSTRIES			
Material:		Series/Model: SGD-2500		Description: Section View with Reinforcement					
Revsd By:	Date:	Chkd By:	Date:	PGT NO:	VENDOR NO:	Scale:	Sheet:	Drawing No.	Rev:
Drawn By:	D.B.	Date:	2/14/00				3 of 6	741	

Without Reinforcement

a) Negative Design Loads (PSF) based on Comparative Analysis.

Door Height	Door Widths								
	48.000"	72.000"	96.000"	72.000"	108.000"	144.000"	96.000"	144.000"	192.000"
72.000	100.87	74.72	63.04	100.87	74.72	63.04	100.87	74.72	63.04
80.000	89.00	65.08	54.04	89.00	65.08	54.04	89.00	65.08	54.04
96.000	72.05	51.73	42.03	72.05	51.73	42.03	72.05	51.73	42.03
108.000	63.04	44.83	36.02	63.04	44.83	36.02	63.04	44.83	36.02
	OX, XO or XX			OXO or XXX			OXXO or XXXX		

b) Positive Design Loads (PSF) based on Comparative Analysis.

Door Height	Door Widths								
	48.000"	72.000"	96.000"	72.000"	108.000"	144.000"	96.000"	144.000"	192.000"
72.000	60.67	60.67	60.67	60.67	60.67	60.67	60.67	60.67	60.67
80.000	60.67	60.67	54.04	60.67	60.67	54.04	60.67	60.67	54.04
96.000	60.67	51.73	42.03	60.67	51.73	42.03	60.67	51.73	42.03
108.000	60.67	44.83	36.02	60.67	44.83	36.02	60.67	44.83	36.02
	OX, XO or XX			OXO or XXX			OXXO or XXXX		

With ALUMINUM Reinforcement

a) Negative Design Loads (PSF) based on Comparative Analysis.

Door Height	Door Widths								
	48.000"	72.000"	96.000"	72.000"	108.000"	144.000"	96.000"	144.000"	192.000"
72.000	130.00	106.74	90.06	130.00	106.74	90.06	130.00	106.74	90.06
80.000	127.14	92.97	77.19	127.14	92.97	77.19	127.14	92.97	77.19
96.000	102.93	73.90	60.04	102.93	73.90	60.04	102.93	73.90	60.04
108.000	90.06	64.04	51.46	90.06	64.04	51.46	90.06	64.04	51.46
	OX, XO or XX			OXO or XXX			OXXO or XXXX		

b) Positive Design Loads (PSF) based on Comparative Analysis.

Door Height	Door Widths								
	48.000"	72.000"	96.000"	72.000"	108.000"	144.000"	96.000"	144.000"	192.000"
72.000	60.67	60.67	60.67	60.67	60.67	60.67	60.67	60.67	60.67
80.000	60.67	60.67	60.67	60.67	60.67	60.67	60.67	60.67	60.67
96.000	60.67	60.67	60.04	60.67	60.67	60.04	60.67	60.67	60.04
108.000	60.67	60.67	51.46	60.67	60.67	51.46	60.67	60.67	51.46
	OX, XO or XX			OXO or XXX			OXXO or XXXX		

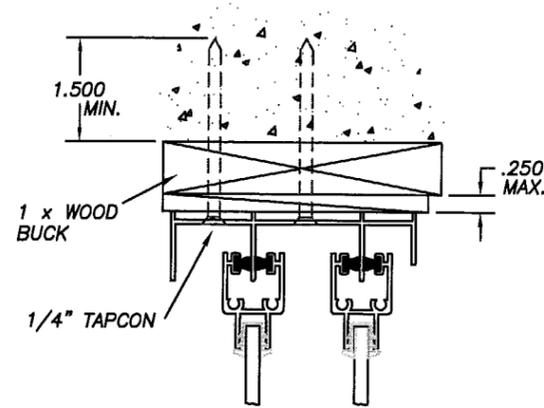
SLIDING GLASS DOOR

- 1.) Glazing: 3/16" Tempered
- 2.) Configurations: OXXO
- 3.) Design Pressure Rating:
 - a.) Design Pressure Rating with Aluminum Reinforcement: +50 P.S.F., -50 P.S.F.
 - b.) Design Pressure Rating without Reinforcement: +35 P.S.F., -35 P.S.F.
- 4.) 2 Anchors Per Location as follows:
 - MAX. 2 3/4" FROM EACH CORNER (HEAD & SILL)
 - MAX. 6" FROM EACH CORNER (JAMBS)
 - MAX. SPACING AT HEAD & SILL: 16.000
 - MAX. SPACING AT JAMBS: 14.000
- 5.) Shutter Requirement: Shutters are Required.
- 6.) Reference Test Report:
 - a) FTL-1381 (W/out Reinforcement)
 - b) FTL-1382 (With Aluminum Reinforcement)
- 7.) All Frame Corners & Panels Sealed With Schnee/Morehead Sealant
- 8.) Sill riser to be attached Max. 12" from end and 24" O.C.

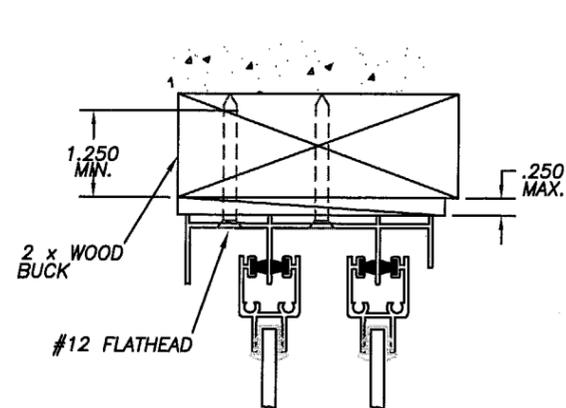
APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE June 08, 2000
 BY Manuel [Signature]
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-0301.03

Robert [Signature]
 2/28/00

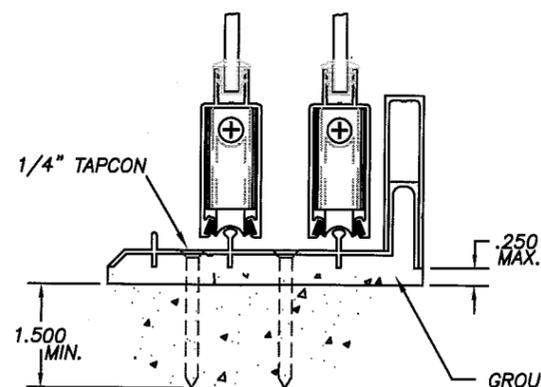
Revisions:		Tolerances Unless Noted: Fractions: ± 1/64 Decimal .00: ± Decimal .000 ± Angular: ± 1'		1070 Technology Dr. Nokomis, Fl. 34275		PGT INDUSTRIES			
Material:		Series/Model: SGD-2500		Description: SGD OXXO Comparative Analysis					
Revsd By:	Date:	Chkd By:	Date:	PGT NO:	VENDOR NO:	Scale:	Sheet:	Drawing No.	Rev:
Drawn By:	D.B.	Date:	2/14/00				4 of 6	741	



TYP. HEAD

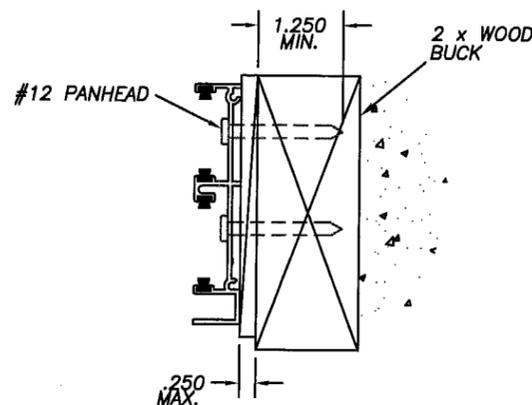


TYP. HEAD

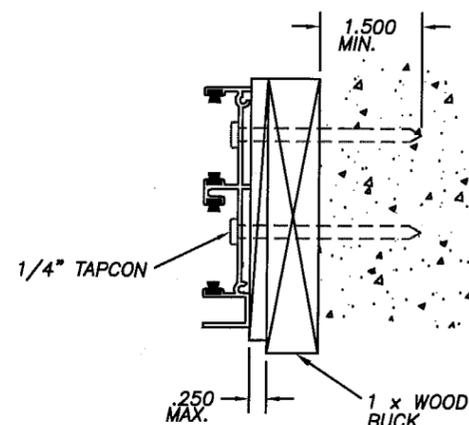


TYP. SILL

GROUT MUST TRANSFER SHEAR LOAD TO SLAB.



TYP. JAMB



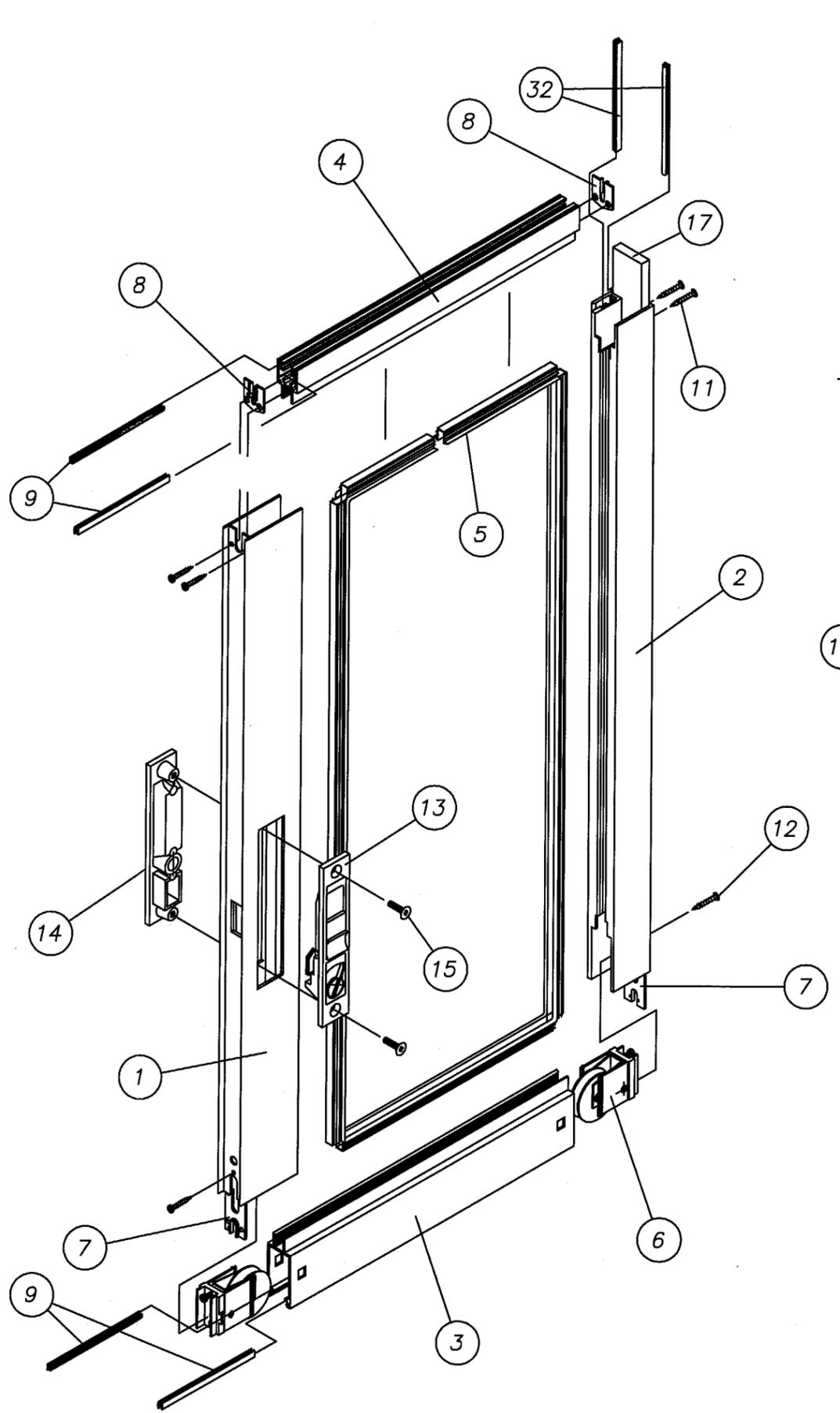
TYP. JAMB

Robert Clark
2/28/00

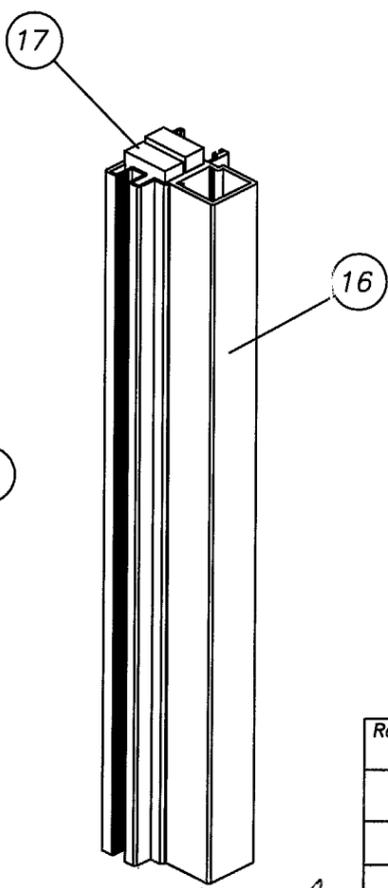
ITEM	DESCRIPTION	V.T. #	VENDOR	VENDOR #
1	Lockstile	69362	Alcoa	AF-9362
2	Interlock	69409	Alcoa	AF-9409
3	Bottom Rail	68173	Alcoa	AF-8173
4	Top Rail	68172	Alcoa	AF-8172
5	Glazing Vinyl	6T304K	Team Plastics	VT304/B
6	Wheel Assembly	7S-24Z	Nationwide Industries	
7	Plastic Bottom Panel Guide	41802	PGT Industries	
8	Plastic Top Panel Guide	41801	PGT Industries	
9	.320x.187 Top/Bot. Rail Wstp - Pile	6FELTK	Schlegel	FS7831-187
10	.200x.187 Interlock Wstp - Pile	62003K	Schlegel	FS7819-187
11	#10 x 3/4 Top Rail Assy. Ph. Pan SMS	71034A	Fastec Ind.	1127
12	1/4-20 x 1 Bot. Rail Assy. Screw	720XIA	Spencer Products	1134
13	Latch Assy - Lock Side	7LOCKK	Nationwide Industries	
14	Latch Assy. - Dummy Side	7DUMY	Nationwide Industries	
15	#10-32 x 7/8 Latch Scr., Ph. Fl. SMS	71078	Fastec Ind.	1135
16	Heavy Duty Astragal	69492	Alcoa	AF-9492
17	Aluminum Reinforcement	612FBX	Indalex	31324
18	Frame Head	68179	Alcoa	AF-8179
19	Frame Sill	68181	Alcoa	AF-8181
20	Frame Jamb	68180	Alcoa	AF-8180
21	Latch Keeper	7SDKEEP	Nationwide Industries	
22	#8 x 1/2 Tr. Ph. SMS	78X12TSAZ	Fastec Ind.	1137
23	Screen Keeper	41804	PGT Industries	
24	Latch Keeper Spacers	41818K	PGT Industries	
25	Jamb Bumper	72087K	Eastcoast Rubber & Plastic	
26	#6 x 5/16 Ph. Pan SMS	7PPBAA	Fastec Ind.	1138
27	Hi-Rise Sill	69371	Alcoa	AF-9371
28	#5 x 1/2 Ph. Pan SMS	76X12A	Spencer Products	1136
29	Header Dust Plug - High Pile	7P69GG	Ultrafab Inc.	P6903G
30	Sill Dust Plug - Low Pile	7P30GG	Ultrafab Inc.	P3004G
31	#8 x 3/4	7834AA	Spencer Products	
32	.200 x .187 Jamb Wstp - Pile	62003K	Schlegel	1209
33	Fixed Panel Clips	7LA13A	D&B	717
34	Fixed Panel Clips	7LSL1A	D&B	718
35	Fixed Panel Bracket	41814	PGT Industries	646

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE *June 08, 2000*
BY *Maurice [Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. *00-0301.03*

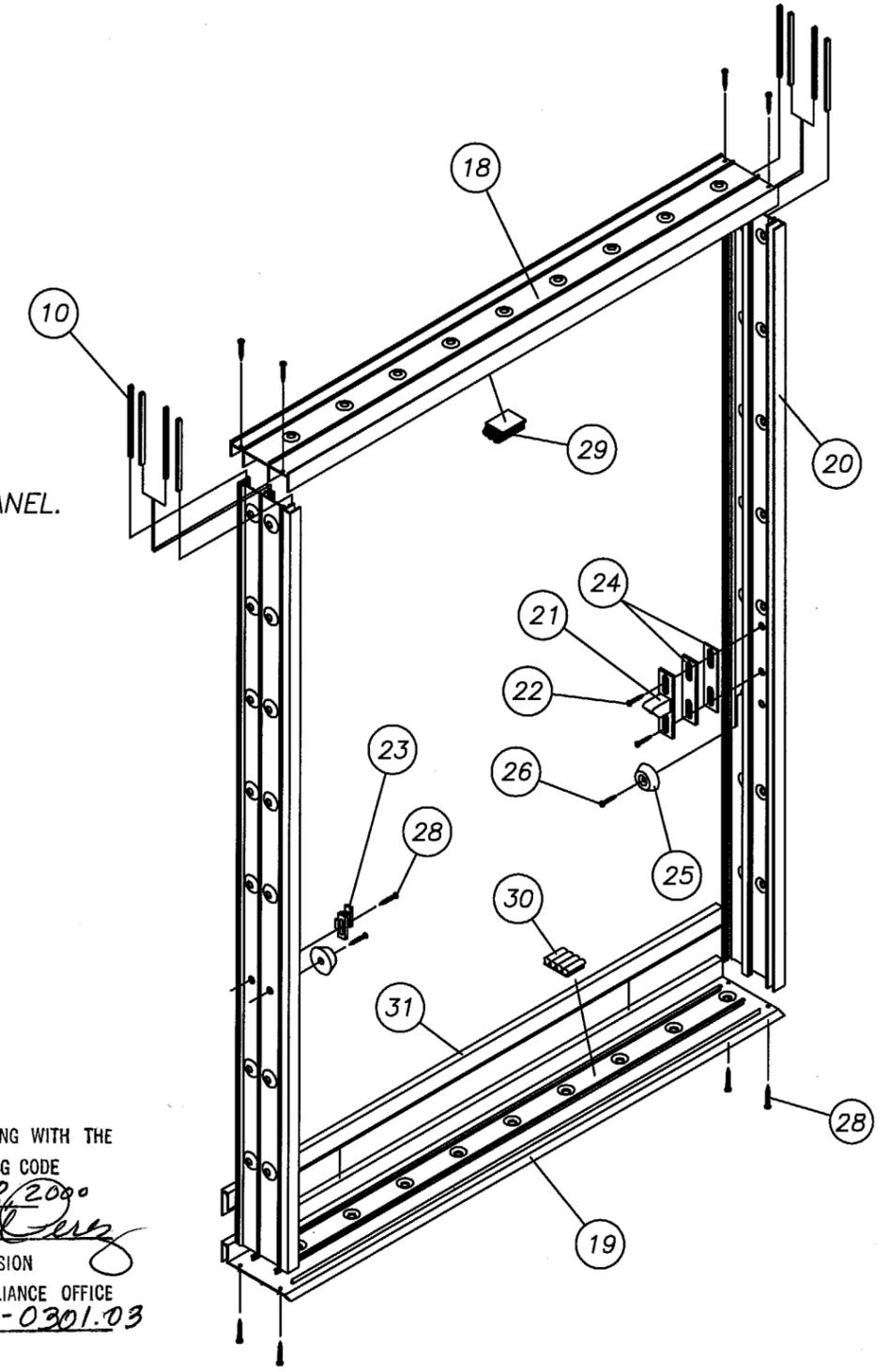
Revisions:	Tolerances Unless Noted: Fractions: ± 1/64 Decimal .00: ± Decimal .000: ± Angular: ± 1°	1070 Technology Dr. Nokomis, Fl. 34275	PGT INDUSTRIES
Material:	Series/Model: SGD-2500		
Revsd By: Date:	Chkd By: Date:	Description: SGD-2500 OXXO Bill of Materials, Anchorage	
Drawn By: D.B.	Date: 2/14/00	PGT NO:	VENDOR NO:
		Scale:	Sheet: 5 of 6
		Drawing No.:	741
		Rev:	



NOTE:
 1.) ITEM #2 WILL CHANGE TO ITEM #16
 DEPENDING ON CONFIGURATION OF PANEL.
 CONFIGURATION IS OXXO.
 2.) ITEM #17 USED ONLY WHEN ALUM.
 REINFORCEMENT IS REQUIRED.



Robert Alvarez
 2/28/00



APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE *June 08, 2000*
 BY *Manuel Perez*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. *00-0301.03*

Revisions:		Tolerances Unless Noted: Fractions: ± 1/64 Decimal .00: ± Decimal .000 ± Angular: ± 1°		1070 Technology Dr. Nokomis, Fl. 34275		PGT INDUSTRIES			
Material:		Series/Model: SGD-2500		Description: SGD-2500 OXXO Elevation					
Revsd By:	Date:	Chkd By:	Date:	PGT NO:	VENDOR NO:	Scale:	Sheet:	Drawing No.	Rev:
Drawn By:	D.B.	Date:	2/14/00				6 of 6	741	