



**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)

**PGT Industries
1070 Technology Drive
Nokomis, FL 34274**

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "HS 70" Aluminum Sliding Glass Door-Impact

APPROVAL DOCUMENT: Drawing No.4340, titled "Impact-Aluminum Sliding Glass Door", sheets 1 through 4 of 4, prepared, signed sealed by Robert L. Clark, P.E., dated 5/22/02 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.

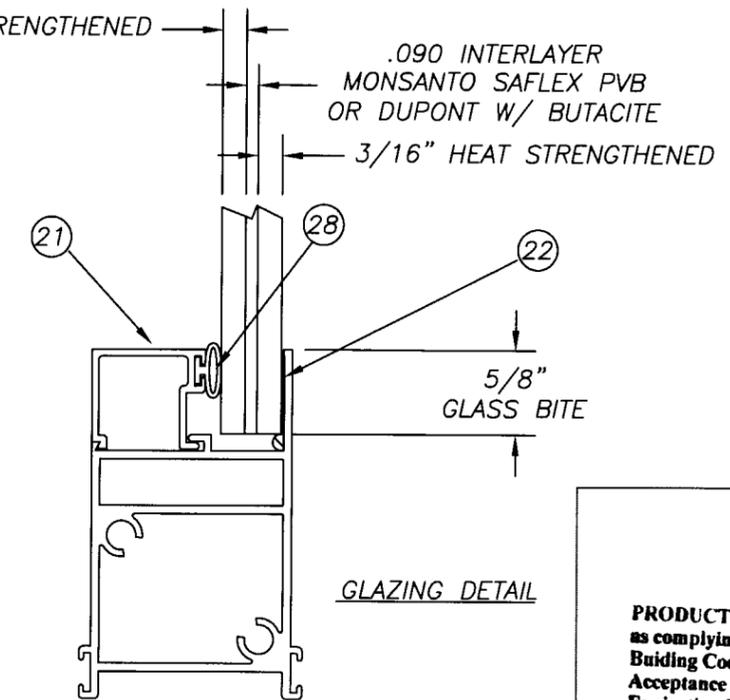
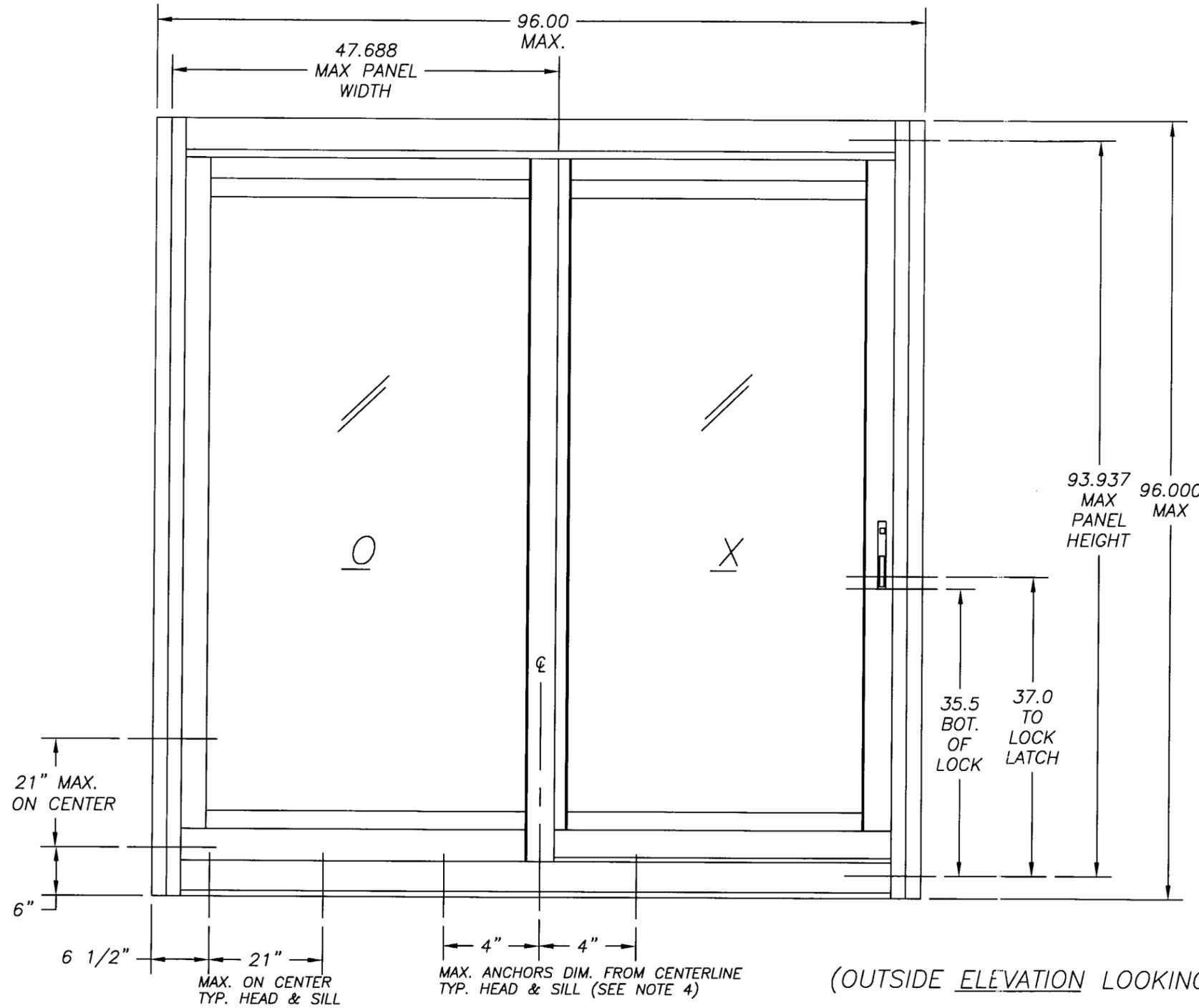
This NOA revises NOA # 99-0212.09 and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Raul Rodriguez**.



**NOA No 02-0306.01
Expiration Date: May 06, 2007
Approval Date: June 27, 2002
Page 1**

LARGE MISSILE IMPACT SLIDING GLASS DOOR

- 1.) GLAZING: 7/16" (.454) LAMINATED W/INTERLAYER (MONSANTO SAFELEX OR DUPONT W/ BUTACITE: 3/16" HEAT STRENGTHENED/.90 FILM/ 3/16" HEAT STRENGTHENED)
- 2.) CONFIGURATIONS: XO/OX
- 3.) DESIGN PRESSURE RATINGS: SEE TABLE
(NOTE ALLOWABLE PRESSURE DIFFERENCES WITH GLASS UPGRADE OPTION)
NEG. DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLE ASTM E 1300-98.
POS. DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS TABLE ASTM E 1300-98.
- 4.) ANCHORAGE:
DOUBLE ROW OF FASTENERS LOCATED AS FOLLOWS AND PER SHEET 3 OF 4.
HEAD & SILL:
MAX. 6 1/2" FROM CORNERS.
AT THE MEETING RAIL CENTERLINE.
MAX. 4" ON EACH SIDE OF MEETING RAIL CENTERLINE.
MAX. 21" SPACING.
JAMBS:
MAX. 6" FROM CORNERS.
MAX. 21" SPACING.
- 5.) SHUTTER REQUIREMENT:
NO SHUTTERS REQUIRED
- 6.) REFERENCE TEST REPORT: FTL-1972 (DESIGN PRESSURE +/- 90 P.S.F.)
- 7.) ALL FRAME CORNERS & PANELS SEALED WITH SCHNEE/MOREHEAD SEALANT.
3/16" HEAT STRENGTHENED



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-0306.01
Expiration Date 05/06/03
By *[Signature]*
Miami Dade Product Control
Division

COMPARATIVE ANALYSIS WITH 3.50" HIGH SILL						
DOOR WIDTH	DOOR HEIGHT					
	84.000		90.000		96.000	
	NEG	POS	NEG	POS	NEG	POS
84.000	-90.0	90.0	-90.0	90.0	-90.0	90.0
90.000	-90.0	90.0	-89.3	89.3	-87.3	87.3
96.000	-88.8	88.8	-84.6	84.6	-81.2	81.2
7/16 LAMI GLASS UPGRADE TO TEMPER/TEMPER						
84.000	-90.0	90.0	-90.0	90.0	-90.0	90.0
90.000	-90.0	90.0	-90.0	90.0	-90.0	90.0
96.000	-90.0	90.0	-90.0	90.0	-90.0	90.0

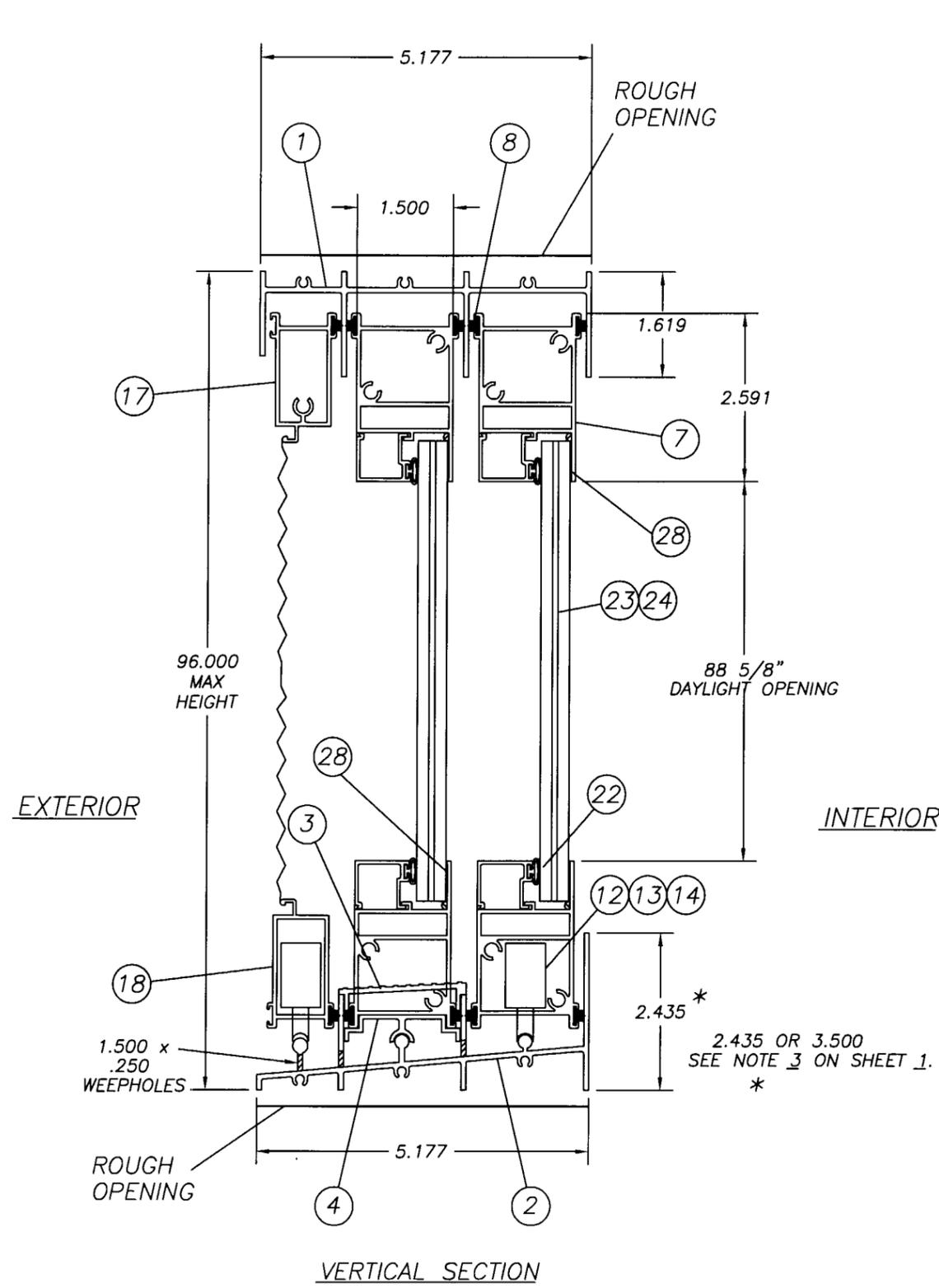
COMPARATIVE ANALYSIS WITH 2.43" HIGH SILL						
DOOR WIDTH	DOOR HEIGHT					
	84.000		90.000		96.000	
	NEG	POS	NEG	POS	NEG	POS
84.000	-90.0	46.7	-90.0	46.7	-90.0	46.7
90.000	-90.0	46.7	-89.3	46.7	-87.3	46.7
96.000	-88.8	46.7	-84.6	46.7	-81.2	46.7
7/16 LAMI GLASS UPGRADE TO TEMPER/TEMPER						
84.000	-90.0	46.7	-90.0	46.7	-90.0	46.7
90.000	-90.0	46.7	-90.0	46.7	-90.0	46.7
96.000	-90.0	46.7	-90.0	46.7	-90.0	46.7

[Signature]
5/22/02
Robert L. Clark, P.E.
PE #39712
Structural

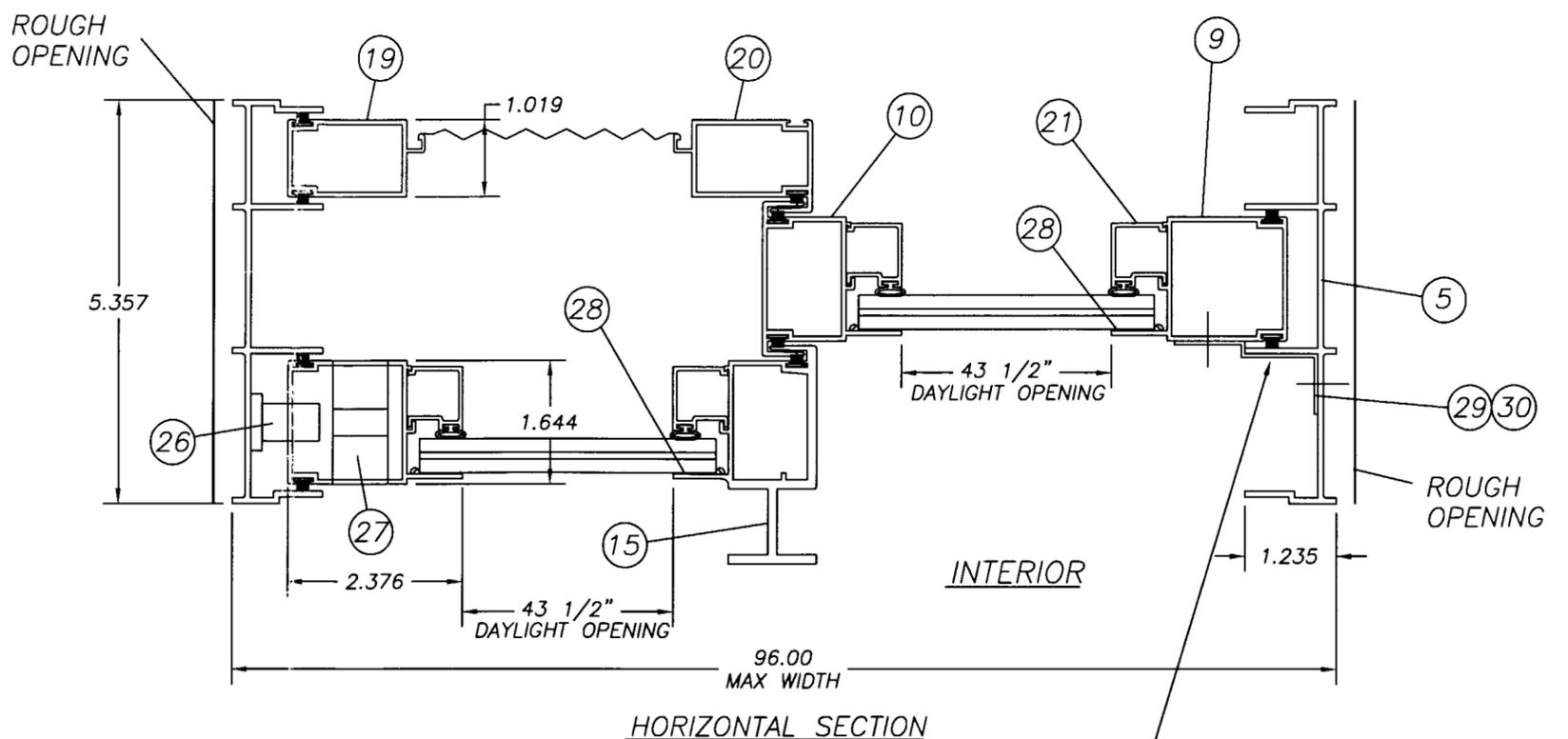


1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

Revsd By: L.T.	Date: 5/15/02	Revisions:
Revsd By: F.K.	Date: 5/22/02	Revisions: E-NO CHG THIS SHT
Drawn By: D.B.	Date: 2/16/98	
Description: ELEVATION		
Title: IMPACT - ALUM. SLIDING GLASS DOOR		
Series/Model: SGD-70	Scale: NTS	Sheet: 1 of 4
Drawing No. 4340		Rev: E



VERTICAL SECTION



HORIZONTAL SECTION

FIXED PANEL JAMB STILE FASTENED TO RIGHT FRAME JAMB W/ ONE ALUMINUM ANCHOR CLIP 7" AND 31-1/2" FROM EACH END (TOTAL OF FOUR), EACH FASTENED W/ TWO NO. 8 BY 1" PAN HEAD SHEET METAL SCREW.

REFERENCE TEST REPORT: FTL-1972

PRODUCT REVISED as complying with the Florida Building Code Acceptance No 02-0306.01 Expiration Date 05/06/07
 By: *[Signature]*
 Miami Dade Product Control Division

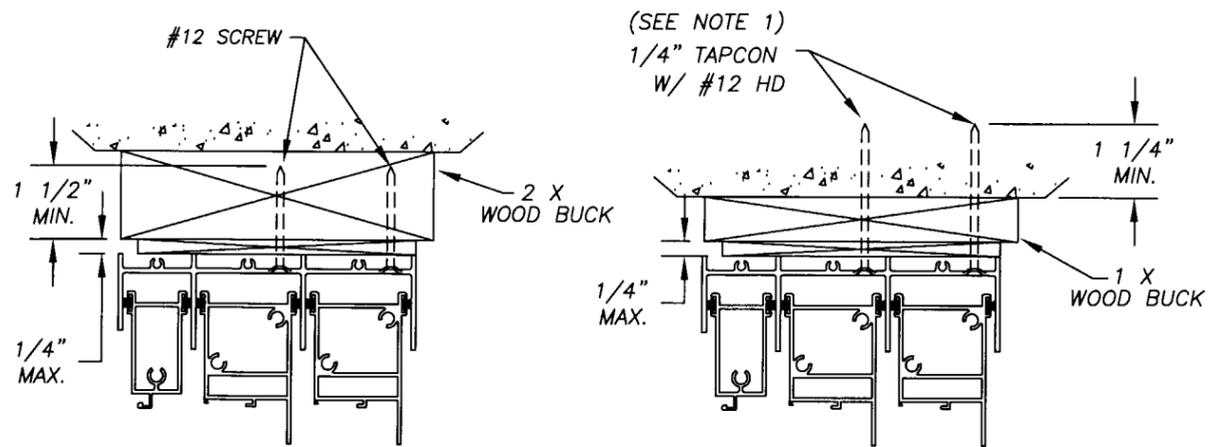
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 Robert L. Clark, P.E.
 PE #39712
 Structural



1070 TECHNOLOGY DRIVE
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 NOKOMIS, FL 34274

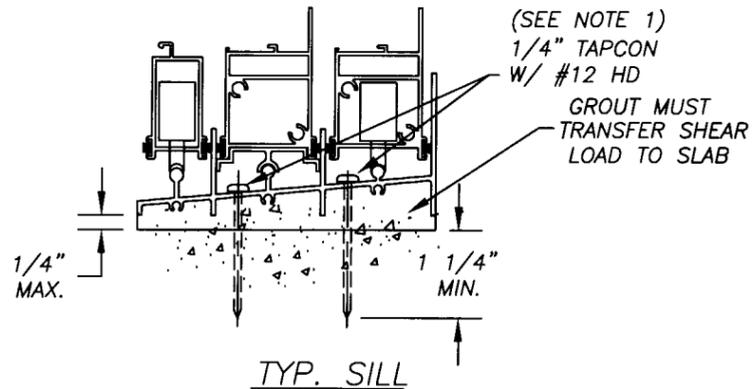
Revsd By: L.T.	Date: 5/15/02	Revisions:
Revsd By: F.K.	Date: 5/22/02	Revisions: E-NO CHG THIS SHT
Drawn By: D.R.	Date: 2/16/98	

Description: SECT. VIEWS - OX (W/O REINF.)				
Title: IMPACT - ALUM. SLIDING GLASS DOOR				
Series/Model: SGD-70	Scale: NTS	Sheet: 2 of 4	Drawing No. 4340	Rev: E

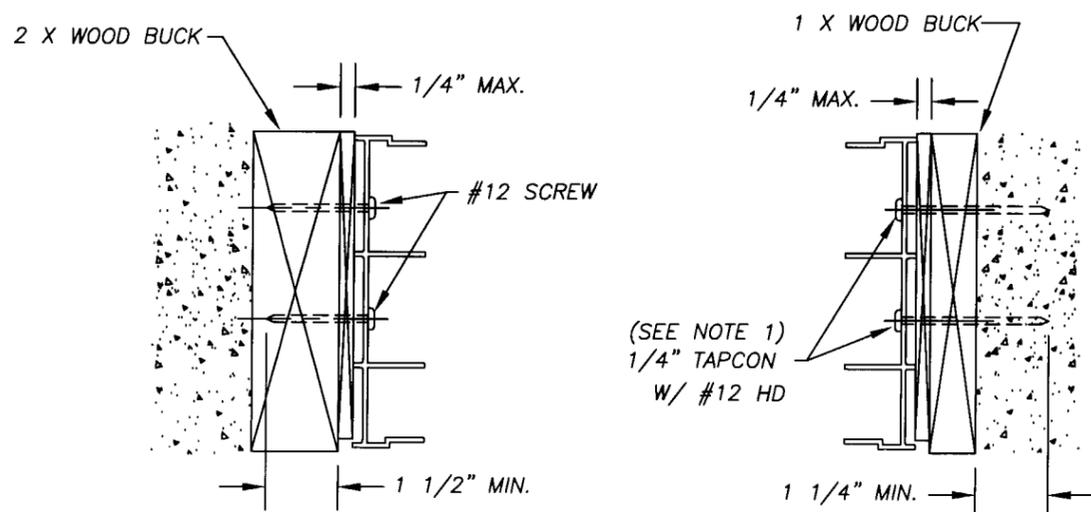


TYP. HEAD

TYP. HEAD



TYP. SILL



TYP. JAMBS

NOTE:
1. USE MIAMI-DADE COUNTY APPROVED ELCO OR ITW TAPCONS.

ITEM	DESCRIPTION	V.T. #	QTY./LOCATION	VENDOR	VENDOR #
1	FRAME HEAD, 2-TRACK	612245	1	ALUMAX	AF-12245
2	FRAME SILL, 2-TRACK	612246	1	ALUMAX	AF-12246
3	THRESHOLD COVER, 2-TRACK	612255	1	ALUMAX	AF-12255
4	FIXED ADAPTER, FRAME SILL	612254	1	ALUMAX	AF-12254
5	FRAME JAMB, 2-TRACK	612247	2	ALUMAX	AF-12247
6	#8 x .750 PH. PN. SMS	7834A	12 (Frame assy. screws)	MERCHANTS FAST.	
7	RAIL, TOP - (PANEL)	612248	2	ALUMAX	AF-12248
8	WSTP, .170 BACK x.270, FIN SEAL	67S16G	24 (moving/fixd panels,screen)	SCHLEGEL CORP.	FS7516-187
9	FIXED PANEL, SIDE RAIL	612249	2	ALUMAX	AF-12249
10	FIXED PANEL, MEETING RAIL	612251	1	ALUMAX	AF-12251
11	#14 x 1.500" PH. PN. SMS	714X112	20 (Panel/Screen assy. screws)	MERCHANTS FAST.	
12	ROLLER, STEEL	71049	2 (1@ea. end X panel bot. rail)	TRUTH HARDWARE	39-10
13	ROLLER, STAINLESS STEEL	71050X	2	TRUTH HARDWARE	39-13
14	PLUG, ROLLER ADJUSTMENT		2		187PW-0988-OAQA
15	OPER. PANEL, SIDE RAIL	612261	1	ALUMAX	AF-12261
16	1.5x1x.5 OPEN-CELL FOAM PAD		5 (1@ea. intermediate weepholes)		
17	FRAME, TOP RAIL SCREEN	612256	1	ALUMAX	AF-12256
18	FRAME, BOT. RAIL SCREEN	612257	1	ALUMAX	AF-12257
19	FRAME, SIDE RAIL SCREEN	612258	1	ALUMAX	AF-12258
20	RAIL, SCREEN MEETING	612259	1	ALUMAX	AF-12259
21	GLAZING BEAD	6534601	8	ALUMAX	AF-534601
22	BULB VINYL, THIN WALL GLZ. BD.	6TP247K	8 (1 per Glazing Bead)	TEAM PLASTICS	TP-247
23	7/16"(.454) W/MONSANTO INTERLAYER		2	H.P.G.	
24	7/16"(.454) W/DUPONT INTERLAYER		2	H.P.G.	
25	SEAM SEALER	6SM55W		SCHNEE/MOREHEAD	SM5504
26	LATCH KEEPER	1046	1 (l.h. fr. jamb, 38" from bot.)	NATIONWIDE	2153
27	HANDLE SET	1045	1 (l.h. lockstile, 40" from bot.)	NATIONWIDE	684
28	SILICONE	62899C		DOW CORNING	899
29	FIXED PANEL CLIP	612262	4 (attaches fixed panel to jamb)	ALUMAX	AF-12262
30	#8 x 1.000 Ph. Pn. SMS	78X1PPA	4 (Fixed Panel Clip Screws)	SCHERER	

Robert L. Clark
5/22/02
Robert L. Clark, P.E.
PE #39712
Structural

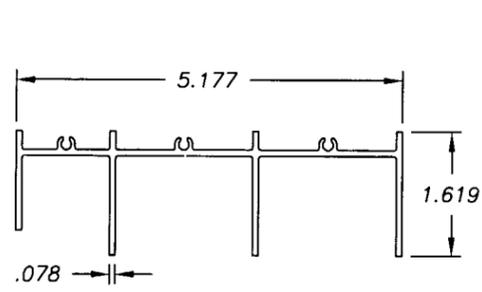


1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

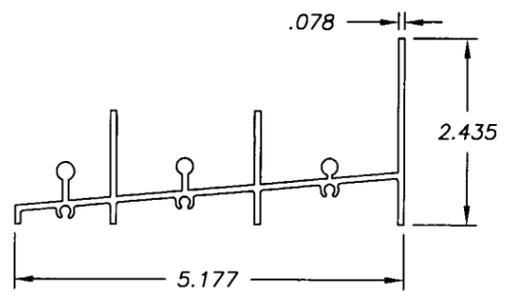
Revsd By: L.T.	Date: 5/15/02	Revisions: TAPCON DESIG.
Revsd By: F.K.	Date: 5/22/02	Revisions: CORRECT EMBEDMENTS
Drawn By: D.B.	Date: 2/16/98	

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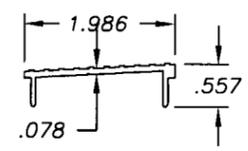
Description: ANCHORAGE DETAIL & PARTS LIST				
Title: IMPACT - ALUM. SLIDING GLASS DOOR				
Series/Model: SGD-70	Scale: NTS	Sheet: 3 of 4	Drawing No. 4340	Rev: E



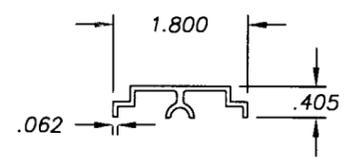
1 DWG.#4302
2-TRACK HEAD
6063-T5



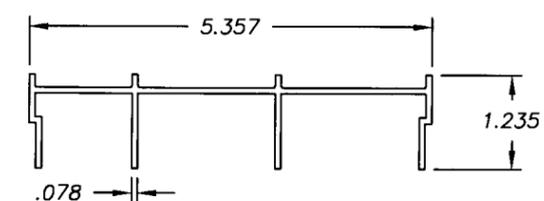
2 DWG.#4303
2-TRACK SILL
6063-T5



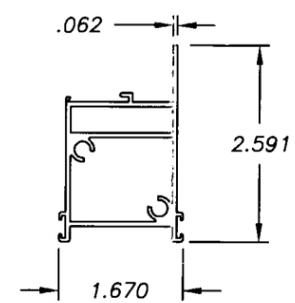
3 DWG.#4315
2-TRACK THRESHOLD
6063-T5



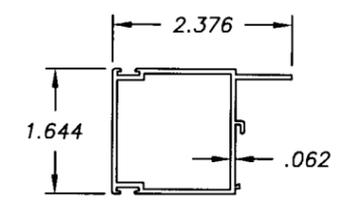
4 DWG.#4314
FIXED PANEL ADAPTER
6063-T5



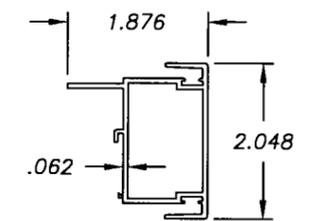
5 DWG.#4304
2-TRACK JAMB
6063-T5



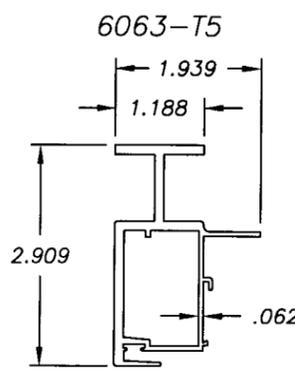
7 DWG.#4305
TOP & BOT. RAIL



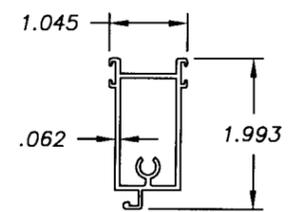
9 DWG.#4306
SIDE RAIL
6063-T5



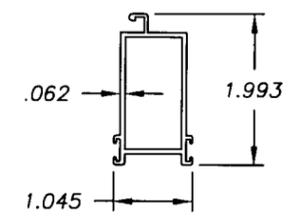
10 DWG.#4308
MEET. RAIL (FIXED)
6063-HST54



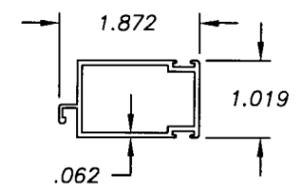
15 DWG.#4326
MOVING PANEL
MEETING RAIL



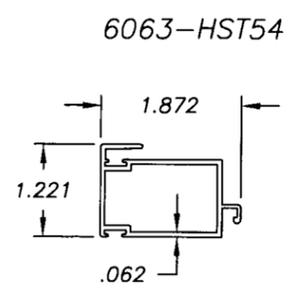
17 DWG.#4317
SCREEN TOP RAIL
6063-T5



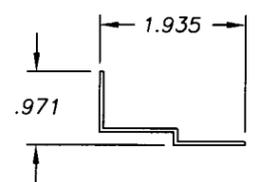
18 DWG.#4318
SCREEN BOT. RAIL
6063-T5



19 DWG.#4319
SCREEN SIDE RAIL
6063-T5



20 DWG.#4320
SCREEN MEET. RAIL
6063-T5



31 DWG.#4328
FIXED PANEL CLIP
6063-T5

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By: [Signature]
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[Signature]
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Structural



1070 TECHNOLOGY DRIVE
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Revsd By: L.T.	Date: 5/15/02	Revisions:
Revsd By: F.K.	Date: 5/22/02	Revisions: E-NO CHG THIS SHT
Drawn By: D.B.	Date: 2/16/98	

Description: EXTRUSION PROFILES				
Title: IMPACT - ALUM. SLIDING GLASS DOOR				
Series/Model: SGD-70	Scale: NTS	Sheet: 4 of 4	Drawing No. 4340	Rev: E