



**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 34275**

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 "830" Aluminum Sliding Glass Door

APPROVAL DOCUMENT: Drawing No. 4392-1, titled "Mid-Rise Alum. Sliding Glass Door", sheets 1 through 6 of 6, prepared by manufacturer, dated 7/22/02, signed and sealed by Robert L. Clark, P.E., 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.

MISSILE IMPACT RATING: 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 as well as approval document mentioned above.

The submitted documentation was reviewed by **Theodore Berman, P.E.**



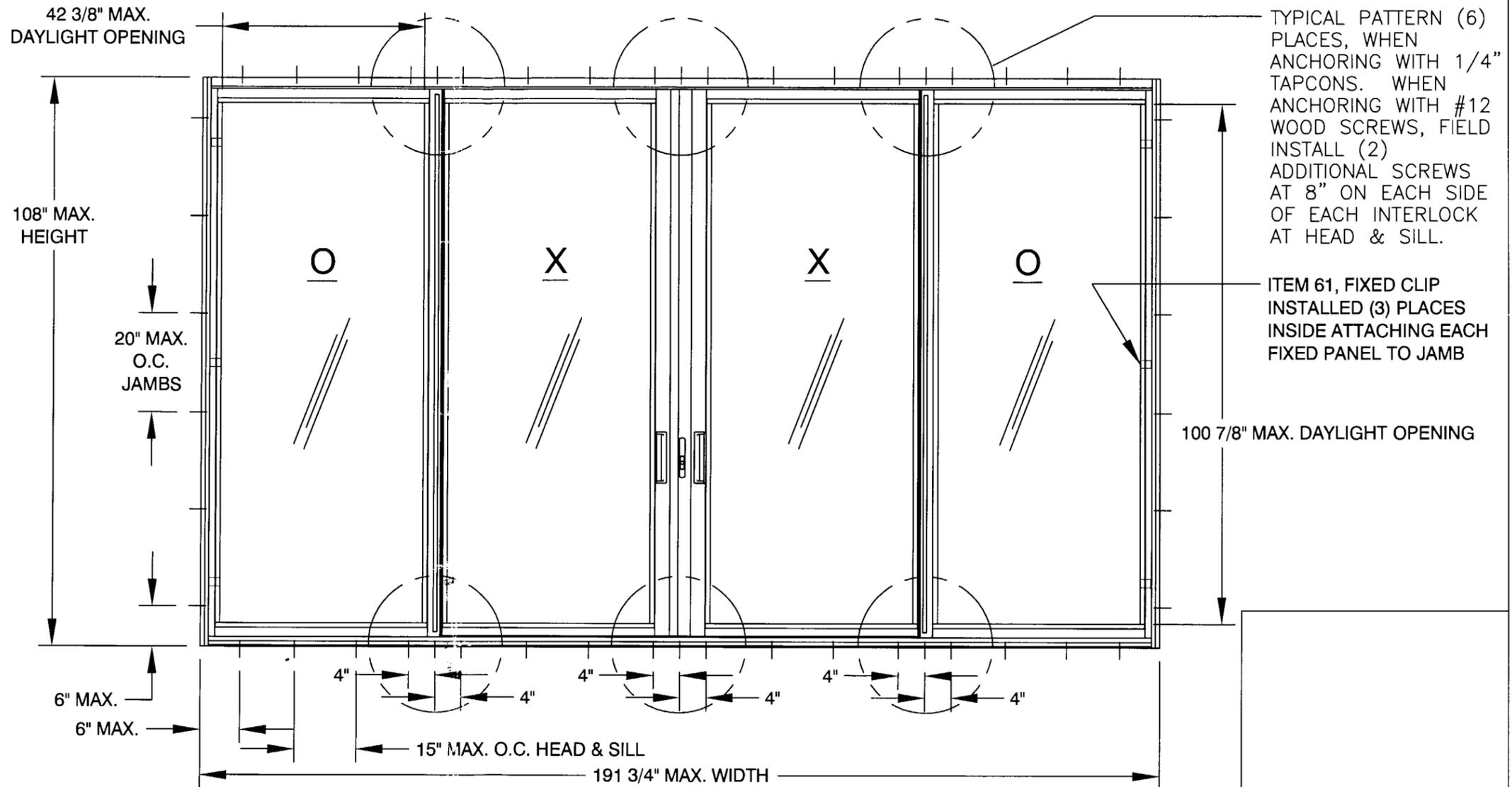
**NOA No 02-0828.12
Expiration Date: October 3, 2007
Approval Date: October 3, 2002
Page 1**

SMALL MISSILE IMPACT SLIDING GLASS DOOR

1. GLAZING: 7/16" LAMINATED CONSISTING OF (2) LITES OF 3/16" TEMPERED GLASS & .090" DUPONT W/ BUTACITE PVB INTERLAYER.
2. CONFIGURATION: OX, XO, OXO, OXXO
3. DESIGN PRESSURE RATING: SEE TABLE 1.
 - A. NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E 1300-98.
 - B. POSTIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS TABLES ASTM E 1300-98.
4. ANCHORAGE: DOUBLE ROW OF TAPCONS AS FOLLOWS & PER SHEET 6. #12 WOOD SCREWS REQUIRE SPECIAL DIMENSIONS & LIMIT DOOR PRESSURES.

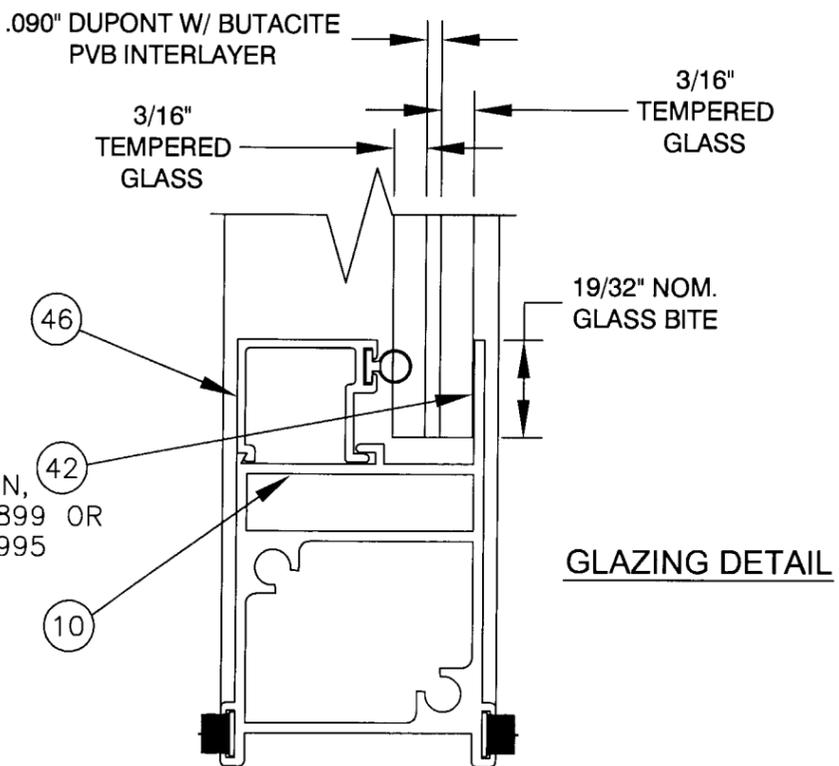
HEAD & SILL:
 MAX. 6" FROM CORNERS
 CENTERLINE OF EACH INTERLOCK
 MAX. 4" EA. SIDE OF INTERLOCKS
 (#12 SCREWS, 4" & 8" EA. SIDE OF INTERLOCKS)
 MAX. 15" O.C.

JAMBS:
 MAX. 6" FROM CORNERS
 MAX. 20" O.C.
5. SHUTTER REQUIREMENT: MIAMI-DADE COUNTY APPROVED SHUTTERS ARE REQ'D ONLY AT INSTALLATIONS BELOW 30 FT. (NONE REQ'D ABOVE 30 FT. GRADE)
6. TEST REPORT REFERENCE: FTL-3512



TYPICAL PATTERN (6) PLACES, WHEN ANCHORING WITH 1/4" TAPCONS. WHEN ANCHORING WITH #12 WOOD SCREWS, FIELD INSTALL (2) ADDITIONAL SCREWS AT 8" ON EACH SIDE OF EACH INTERLOCK AT HEAD & SILL.

ITEM 61, FIXED CLIP INSTALLED (3) PLACES INSIDE ATTACHING EACH FIXED PANEL TO JAMB

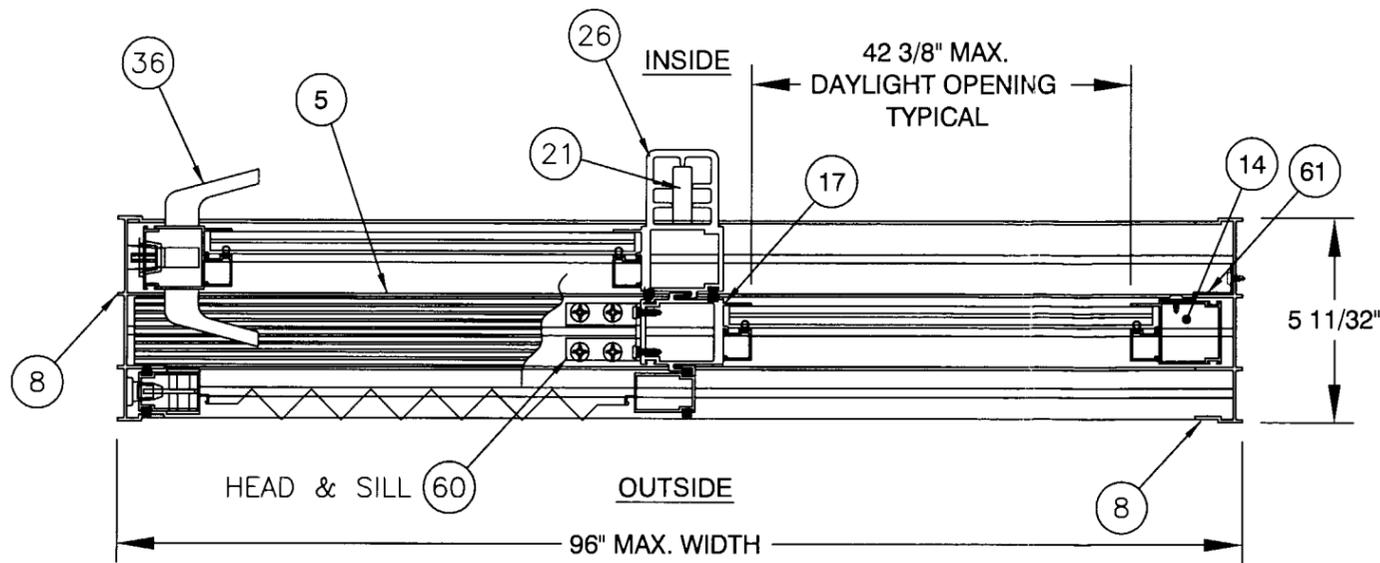


SEE SECTION DETAILS SHTS 2 & 3
 SEE PANEL & FRAME CONSTRUCTION DETAILS SHT 5

DESIGN PRESSURE RATING - Table 1.			
1/4" TAPCONS (6/INTERLOCK)		#12 WOOD SCREWS (10/INTERLOCK)	
NEGATIVE	POSITIVE	NEGATIVE	POSITIVE
-140 P.S.F.	90 P.S.F.	-120 P.S.F.	90 P.S.F.

Approved as complying with the Florida Building Code
 Date 10/03/02
 NOA# 02-0828-12
 Miami Dade Product Control Division
 By *Alexandre Bertram*

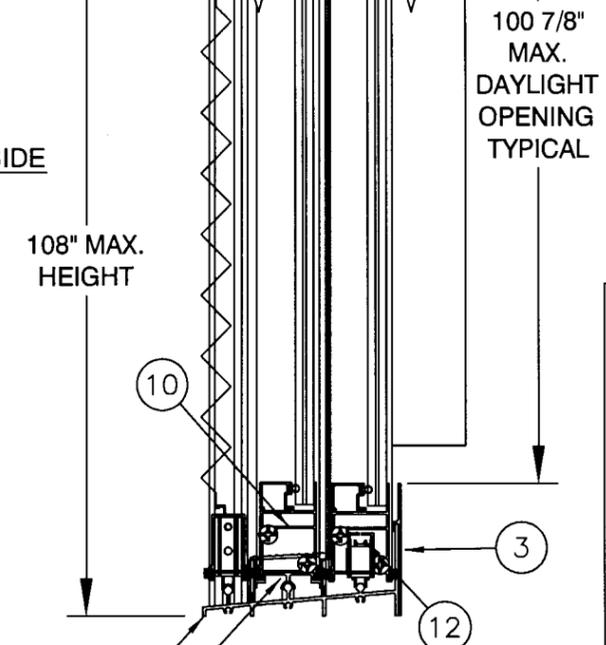
 Robert L. Clark, P.E. PE #39712 Structural	 1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274	Revsd By:	Date:	Revisions:
		Revsd By:	Date:	Revisions:
		Drawn By:	Date:	Revisions:
		F.K.	07/22/02	FTL-3512
Description: ELEVATION & GLAZING DETAIL (SM MISSILE)				
Title: MID-RISE ALUM. SLIDING GLASS DOOR				
Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
SGD-830	NTS	1 of 6	4392-1	



HORIZONTAL SECTION "XO" OR "OX" CONFIGURATION

OUTSIDE

108" MAX. HEIGHT



100 7/8" MAX. DAYLIGHT OPENING TYPICAL

INSIDE

VERTICAL SECTION ALL CONFIGURATIONS

MK.	DWG #	DESCRIPTION	PGT#
1	4302B	FRAME HEAD	612245
2	4303A	FRAME SILL	64303
3	4361	3.500 SILL ADD ON	64361
4	4314	ADAPTER, FIXED PANEL	612254
5	4315	THRESHOLD COVER	64315
6	4385	HEAVY DUTY 4 HOLE BUMP STOP	71164
7		#8 x 3/8 LG. PH. P. HEAD TEK S. STL.	78x38PPTX
8	4304	FRAME JAMB	612247
9	1155-1	#8 x 1" LG. S. STL. QUAD P. HEAD	781PQX
10	4305A	TOP AND BOTTOM RAIL	64305
11	1235	WSTP .170 x .270 BACK, FIN SEAL	67S16G
12	1050	TANDEM ROLLER S. STL.	71050X
13	1155-1	#8 x 1" LG. S. STL. QUAD P.HEAD	781PQX
14	4306	PANEL SIDE RAIL (FIXED)	612249
15	1235	WSTP .170 x .270 BACK, FIN SEAL	67S16G
16		1/4-20 x 1.50 PH. P. HEAD S. STL.	720X112X
17	4383	FIXED DOUBLE INTERLOCK	64383
18		WSTP .400 x .270 BACK, FIN SEAL	
19		1/4-20 x 1.50 Ph. Pn. S. STL.	720X112X
20	4355	AIR PLUG	44355
21	4357	ALUM. REINF. .500 x 1.500	64357M
22	4382	MOVING INTERLOCK	64382
23		WSTP .400 x .270 BACK, FIN SEAL	
24		1/4-20 x 1.50 Ph. Pn. S. STL.	720X112X
26	4379	ASTRAGAL BASE	64379
27		1/4-20 x 1.25 LG. SHCS S. STL.	
29		PULL HANDLE (NST)	
30	4380	FEMALE ADD-ON	64380
31		LOCK KEEPER (NST)	
32		LOCK KEEPER SCREWS (NST)	
33	4381	MALE ADD-ON	6439
34	1235	WSTP .170 x .270 BACK, FIN SEAL	67S16G
35	947	3/8" DIA. HOLE PLUG	417722
36		MORTISE LOCKSET	

MK	DWG #	DESCRIPTION	PGT#
37		7/16" Laminated Glass, 3/16" Tempered, .090 PVB Interlayer, 3/16" Tempered	
42		SILICONE, DOW 899 OR DOW 995	
46	4324	GLAZING BEAD 7/16" LAMINATED	6534601
48	1224	VINYL BULB WEATHERSTRIP	TP-247
49	4317	Screen Frame Top Rail	612256
50	1235	Wstp., .170 x .270 back, fin seal	67S16G
51	4318	Screen Frame Bot. Rail	612257
52	4319	Screen Frame Side Rail	612258
53		Lockset	7LOCK
54	4320	Screen Frame Meeting Rail	612259
55		Screen Cloth, 18 x 16 Mesh	61816C38
56	1009	Screen Spline	60170K
57	4344	Screen Astragal	64344
58	653	Jamb Keeper (OXXO)	7SDKEEP
59		#10 x 3/4" Lg. Phi. P. Head Tek	710X34PPSDAX
60	4356	Fixed Panel Clip	74356A
61	4362	Fixed Panel Angle Bracket	64362

Approved as complying with the Florida Building Code
 Date 10/03/02
 NOA# 02-0828-12
 Miami Dade Product Control Division
 By [Signature]

Robert L. Clark
 8/22/02
 Robert L. Clark, P.E.
 PE #39712
 Structural



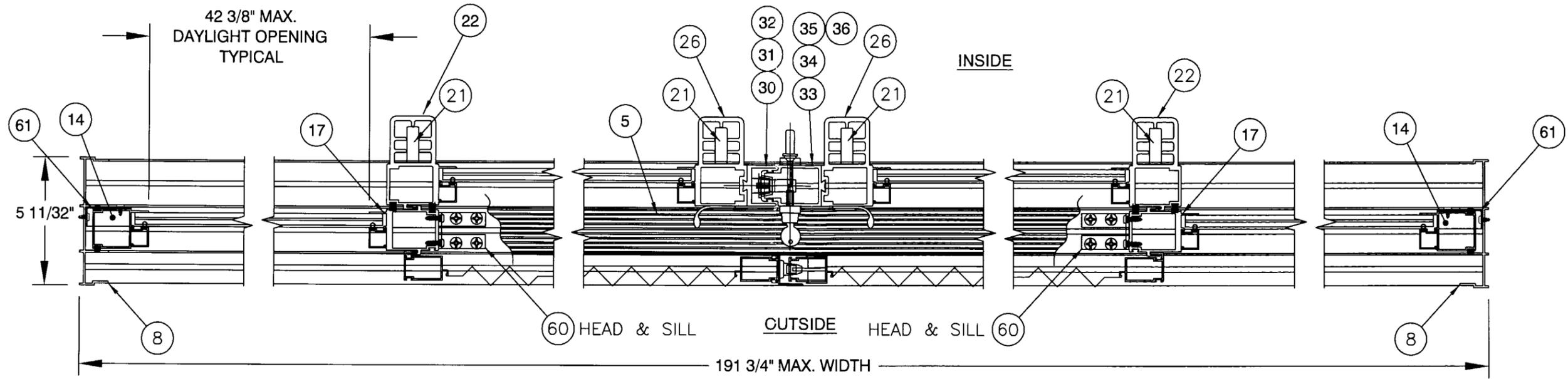
1070 TECHNOLOGY DRIVE
 NOKOMIS, FL 34275
 P.O. BOX 1529
 NOKOMIS, FL 34274

Revsd By:	Date:	Revisions:
Revsd By:	Date:	Revisions:
Drawn By:	Date:	Revisions:
F.K.	07/22/02	FTL-3512

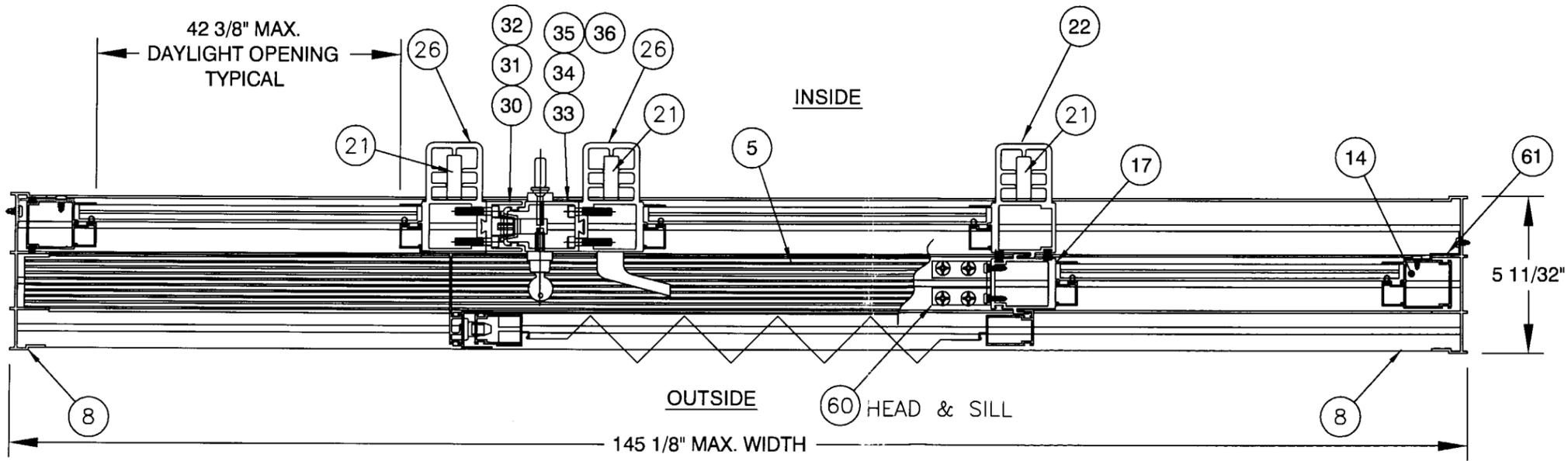
Description:
SECTION DETAILS & PARTS LIST (SM MISSILE)

Title:
MID-RISE ALUM. SLIDING GLASS DOOR

Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
SGD-830	NTS	2 of 6	4392-1	



HORIZONTAL SECTION "OXXO" CONFIGURATION



HORIZONTAL SECTION "OXO" CONFIGURATION

Approved as complying with the Florida Building Code
 Date 10/03/02
 NOA# 02-082B.12
 Miami Dade Product Control
 Division
 By *Chandra Beaman*

Robert L. Clark
 4/22/02

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

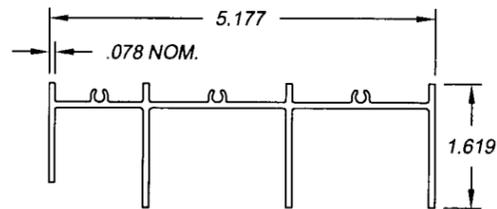


1070 TECHNOLOGY DRIVE
 NOKOMIS, FL 34275

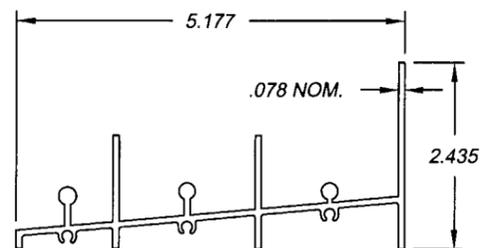
P.O. BOX 1529
 NOKOMIS, FL 34274

Revsd By:	Date:	Revisions:
Revsd By:	Date:	Revisions:
Drawn By: F.K.	Date: 07/22/02	

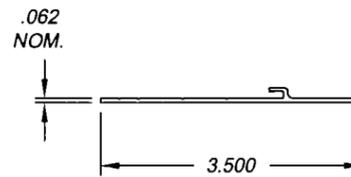
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Title: MID-RISE ALUM. SLIDING GLASS DOOR			
Series/Model: SGD-830	Scale: NTS	Sheet: 3 of 6	Drawing No. 4392-3
			Rev:



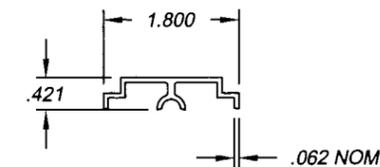
1 FRAME HEAD
MAT'L: 6063-T5
DWG# 4302



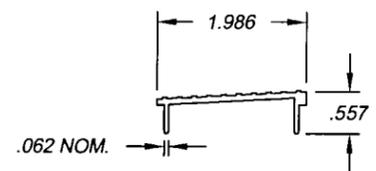
2 FRAME SILL
MAT'L: 6063-T5
DWG# 4303



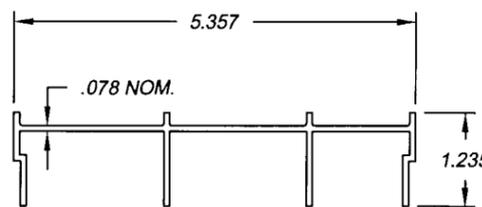
3 ADD ON SILL
MAT'L: 6063HS-T54
DWG# 4361



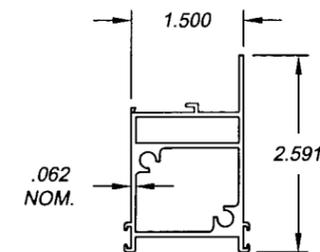
4 ADAPTER, FIXED PANEL
MAT'L: 6063-T5
DWG# 4314



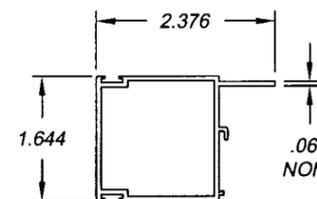
5 THRESHOLD COVER
MAT'L: 6063-T5
DWG# 4315



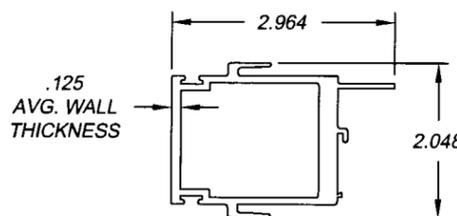
8 FRAME JAMB
MAT'L: 6063-T5
DWG# 4304



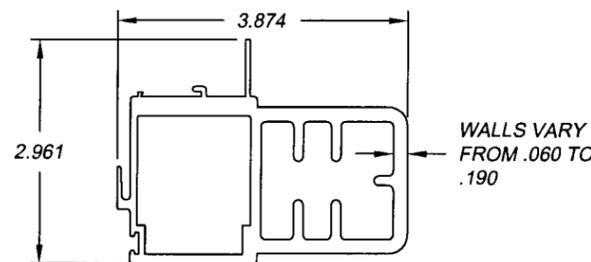
10 TOP & BOTT. RAIL
MAT'L: 6063-T5
DWG# 4305



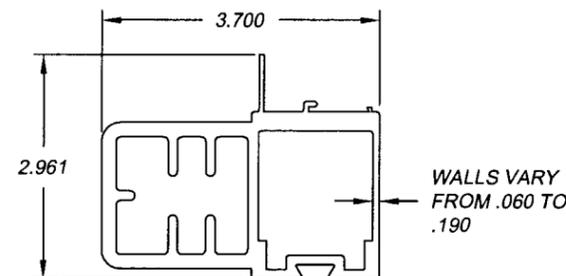
14 PANEL SIDE RAIL
MAT'L: 6063-T5
DWG# 4306



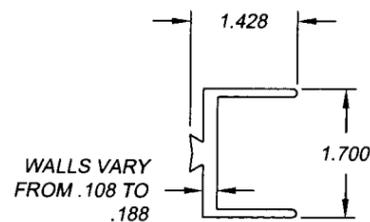
17 FXD DOUBLE INT/LK
MAT'L: 6063HDT6
DWG# 4383



22 MOVING INTERLOCK
MAT'L: 6063HDT6
DWG# 4382



26 ASTRAGAL BASE
MAT'L: 6063-T5
DWG# 4379



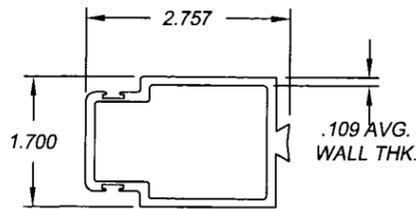
30 FEMALE ADD-ON
MAT'L: 6063-T5
DWG# 4380

Approved as complying with the
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Date 10/03/02
NOA# 02-0828-12
Miami Dade Product Control
Division
By Florida Berman

Robert L. Clark
8/22/02
Robert L. Clark, P.E.
PE #39712
Structural

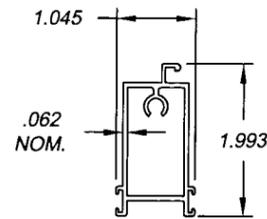
PGT
INDUSTRIES
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

Revsd By:	Date:	Revisions:
Revsd By:	Date:	Revisions:
Drawn By: F.K.	Date: 07/22/02	FTL-3512
Description: EXTRUSIONS - DOOR & FRAME (SM MISSILE)		
Title: MID-RISE ALUM. SLIDING GLASS DOOR		
Series/Model: SGD-830	Scale: NTS	Sheet: 4 of 6
Drawing No. 4392-1	Rev:	



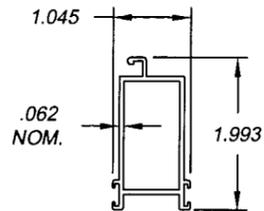
33 MALE ADD-ON

MAT'L: 6063-T5
DWG# 4381



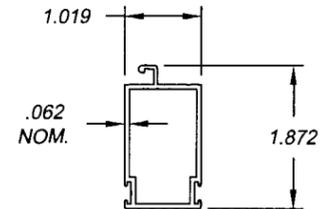
**S1 SCREEN FRAME
TOP RAIL**

MAT'L: 6063-T5
DWG# 4317



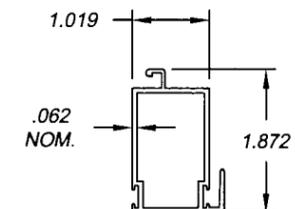
BOTTOM RAIL

MAT'L: 6063-T5
DWG# 4318



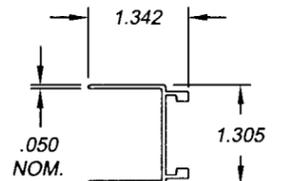
**S6 SCREEN FRAME
LOCKSTYLE**

MAT'L: 6063-T5
DWG# 4319



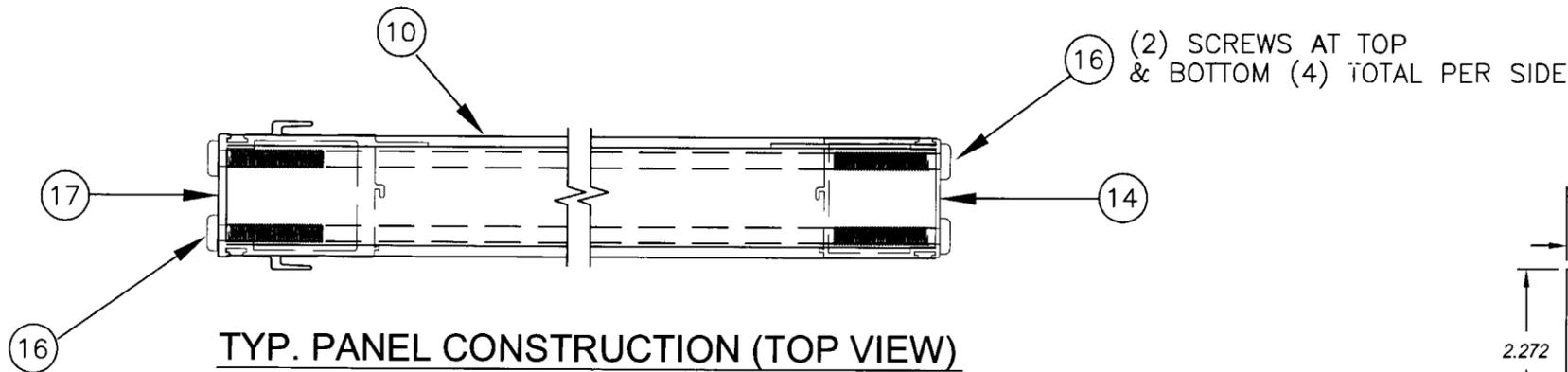
**S10 SCREEN FRAME
MEETING RAIL**

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DWG# 4320

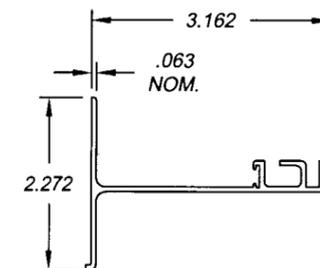


S13 SCREEN ASTRAGAL

MAT'L: 6063-T5
DWG# 4344

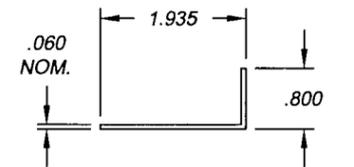


(2) SCREWS AT TOP
& BOTTOM RAIL
(4) TOTAL PER SIDE



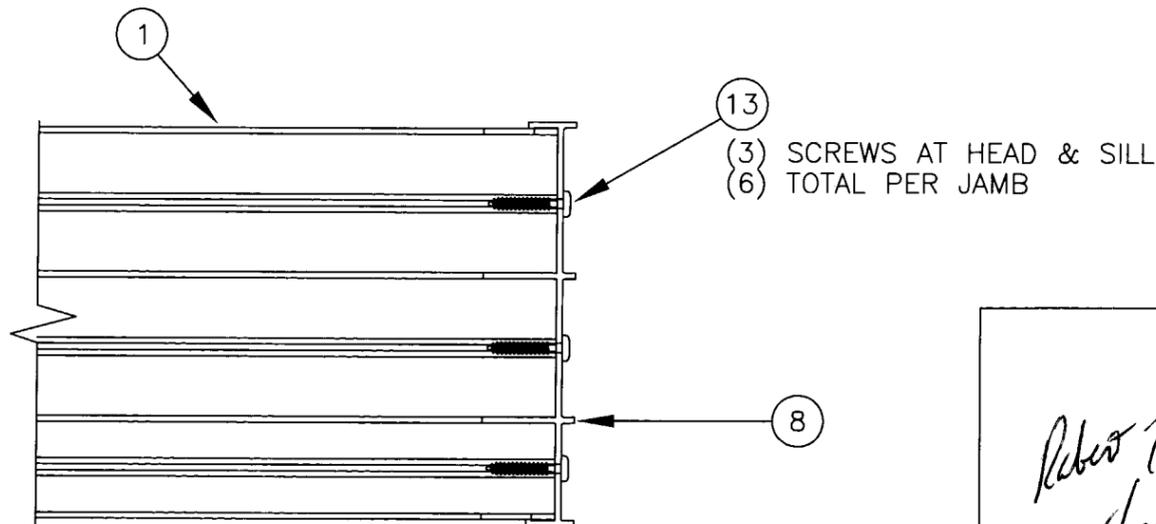
**S14 SCREEN
ASTRAGAL ADAPTER**

MAT'L: 6063-T5
DWG# 4384



49 FIXED PANEL CLIP

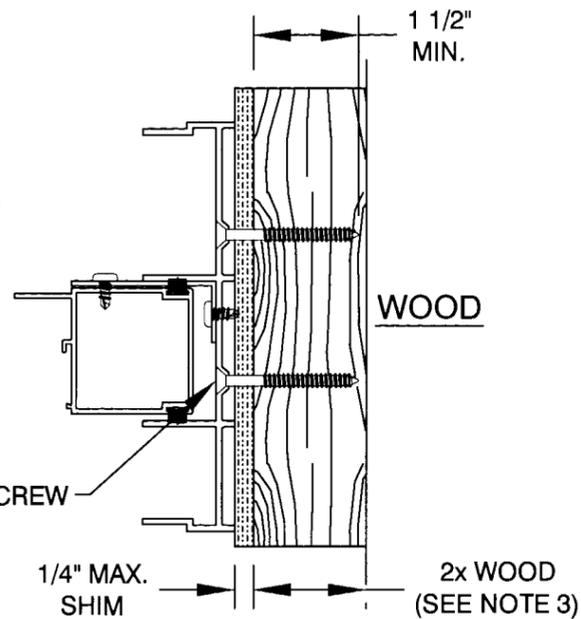
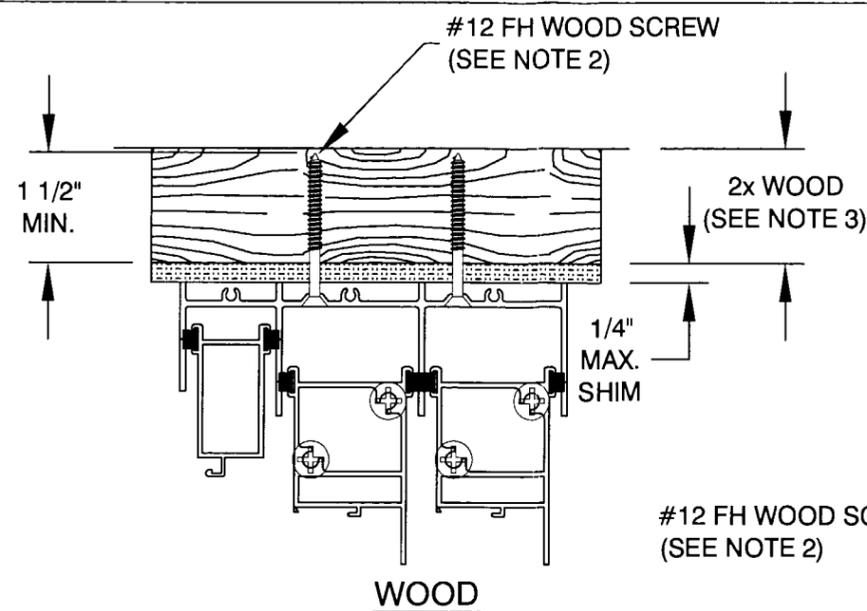
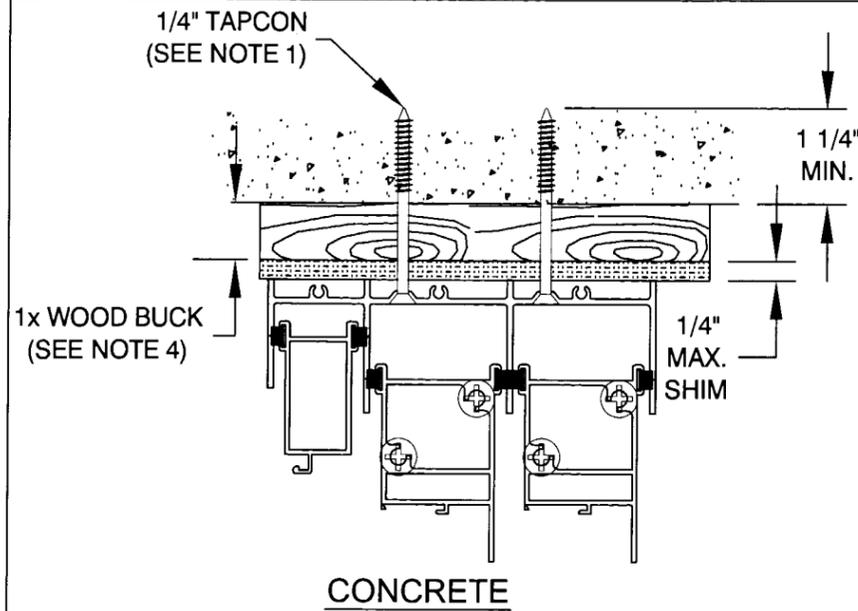
MAT'L: 6063-T5
DWG# 4328



(3) SCREWS AT HEAD & SILL
(6) TOTAL PER JAMB

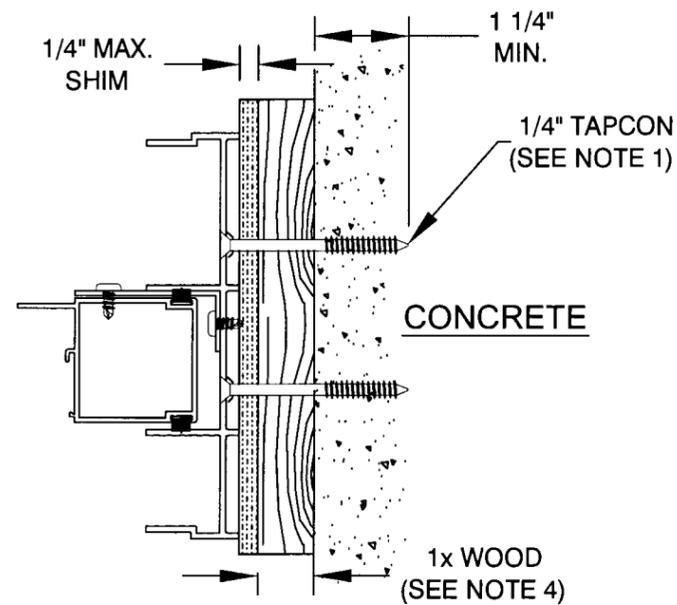
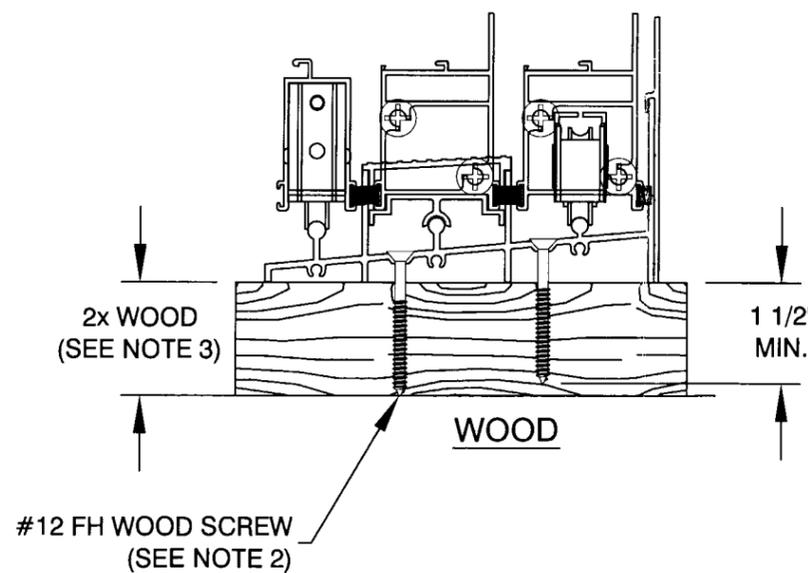
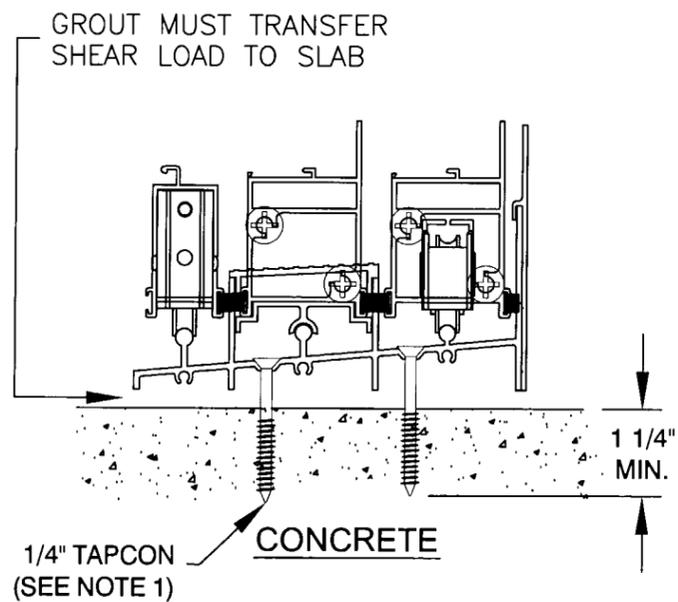
Approved as complying with the
Florida Building Code
Date: 10/03/02
NOA# 02-0828.12
Miami Dade Product Control
Division
By: [Signature]

 Robert L. Clark, P.E. PE #39712 Structural	 1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274	Revsd By: _____ Date: _____ Revisions: _____
		Revsd By: _____ Date: _____ Revisions: _____
		Drawn By: <u>F.K.</u> Date: <u>07/22/02</u> Revisions: <u>FTL-3512</u>
		Description: EXTRUSIONS & CORNER CONSTRUCTION (SM MISSILE)
Title: MID-RISE ALUM. SLIDING GLASS DOOR		
Series/Model: SGD-830	Scale: NTS	Sheet: 5 of 6
Drawing No. 4392-1		Rev: _____



- NOTES:**
1. USE ONLY MIAMI-DADE COUNTY APPROVED TAPCONS.
 2. SEE SHEET 1 FOR SPECIAL DIMENSIONS AND PRESSURE LIMITATIONS WHEN ANCHORING WITH #12 WOOD SCREWS.
 3. INSTALLATION OF 2x WOOD BUCK TO THE SUBSTRATE ENGINEERED SEPARATELY AND TO BE REVIEWED BY BUILDING OFFICIAL.
 4. INSTALLATION OF 1x WOOD BUCK TO THE SUBSTRATE TO BE ENGINEERED SEPARATELY.

TYPICAL FRAME HEAD INSTALLATIONS



FRAME JAMB INSTALLATIONS

TYPICAL FRAME SILL INSTALLATIONS

Approved as complying with the
 Florida Building Code
 Date 10/03/02
 NOA# 02-0826.12
 Miami Dade Product Control
 Division
 By *C. Gledhill*

Robert L. Clark
 8/22/02

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



1070 TECHNOLOGY DRIVE
 NOKOMIS, FL 34275

P.O. BOX 1529
 NOKOMIS, FL 34274

Revsd By:	Date:	Revisions:
Revsd By:	Date:	Revisions:
Drawn By: F.K.	Date: 07/22/02	FTL-3512

Description:
ANCHORAGE (SM MISSILE)

Title:
MID-RISE ALUM. SLIDING GLASS DOOR

Series/Model: SGD-830	Scale: NTS	Sheet: 6 of 6	Drawing No. 4392-1	Rev:
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