



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)

www.buildingcodeonline.com

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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "SGD-830" Aluminum Glass Door – S.M.I.

APPROVAL DOCUMENT: Drawing No.4392-1, titled "Mid-Rise Alum. Sliding Glass Door", sheets 1 through 6 of 6, dated 07/22/02, with last revision on 07/12/06, prepared by manufacturer, signed and sealed by Robert L. Clark, 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: 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 # 02-0828.12 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P.E.**



J. Gascon
9/15/06

NOA No 06-0807.05
Expiration Date: October 03, 2007
Approval Date: October 05, 2006
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No.4392-1, titled "Mid-Rise Alum. Sliding Glass Door", sheets 1 through 6 of 6, dated 07/22/02, with last revision on 07/12/06, prepared by manufacturer, signed and sealed by Robert L. Clark, P.E.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Small Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1 (b) and TAS 202-94
along with marked-up drawings and installation diagram of a aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc. Test Report No. FTL 3512, dated 7/16/02, signed and sealed by James G. Worth, P.E.

C. CALCULATIONS

1. Anchor Calculations and structural analysis, complying with FBC-2004, prepared by manufacturer, dated 07/21/06, signed and sealed by Robert L. Clark, P.E.
Complies with ASTM E1300-98/02

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **05-1208.02** issued to E.I. DuPont DeNemours for "**Dupont Butacite PVB. Interlayer**" dated 01/05/06, expiring on 12/11/10.

F. STATEMENTS

1. Statement letter of conformance, dated 8/21/02, signed and sealed by Robert L. Clark, P.E. "Submitted under NOA No. 02-0828.12"
2. Statement letter of no financial interest, dated 8/20/02, signed and sealed by Robert L. Clark, P.E. "Submitted under NOA No. 02-0828.12"
3. Laboratory compliance letter for Test Report no. FTL 02080 issued by National Certified Testing Laboratories, dated 7/30/02, signed and sealed by James G. Worth, P.E. "Submitted under NOA No. 02-0828.12"



**Jaime D. Gascon, P.E.
Product Control Division
NOA No 06-0807.05**

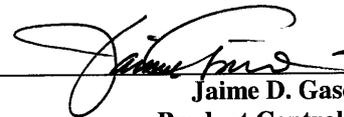
**Expiration Date: October 03, 2007
Approval Date: October 05, 2006**

PGT Industries

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHER

1. Notice of Acceptance No. **02-0828.12**, issued to PGT Industries for their Series "830" Aluminum Sliding Glass Door, approved on 10/03/02 and expiring on 10/03/07.
2. Letter from the consultant stating that the product is in compliance with the Florida Building Code (FBC), dated 08/21/06.

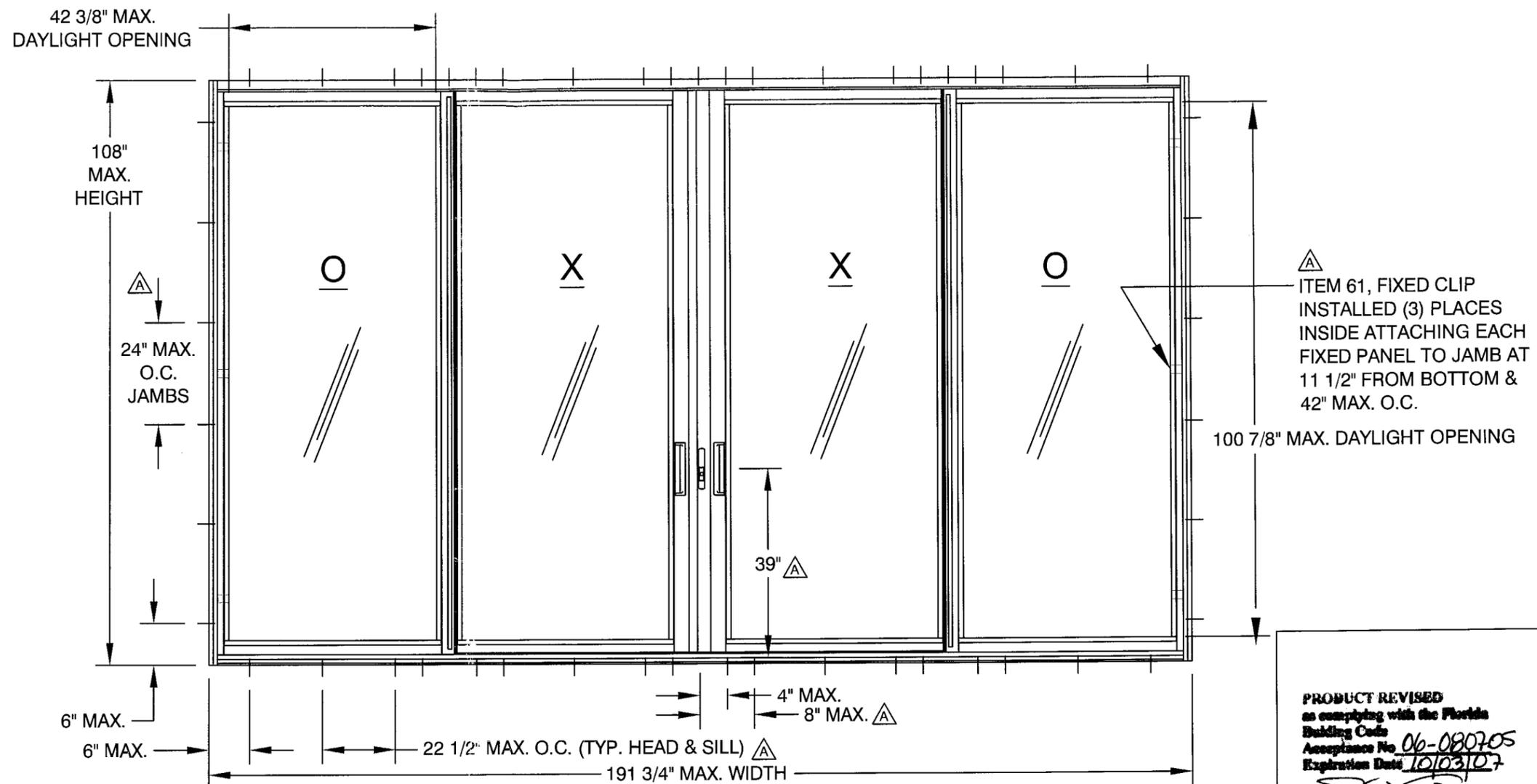


Jaime D. Gascon, P.E.
Product Control Division
NOA No 06-0807.05

Expiration Date: October 03, 2007
Approval Date: October 05, 2006

SMALL MISSILE IMPACT SLIDING GLASS DOOR

1. GLAZING: 7/16" LAMINATED CONSISTING OF (2) LITES OF 3/16" TEMPERED GLASS AND A .090" DUPONT W/ BUTACITE PVB INTERLAYER.
2. CONFIGURATIONS: OX, XO, OXO, OXXO
3. DESIGN PRESSURES: SEE TABLE 1
4. MIAMI-DADE COUNTY ANCHORAGE: THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. TWO 5/16" ELCO TAPCONS REQ'D AT EACH LOCATION. SEE DETAILS SHEET 6
HEAD & SILL: 6" MAX. FROM CORNERS AND 22 1/2" MAX. O.C.
ASTRAGALS & INTERLOCKS: HEAD - (10) ANCHOR CLUSTER
 SILL - (8) ANCHOR CLUSTER
JAMBS: 6" MAX. FROM CORNERS AND 24" MAX. O.C. SEE TABLE 1 FOR DESIGN PRESSURE LIMITATION WHEN INSTALLING WITH OTHER ANCHOR TYPES.
5. ANCHORAGE OUTSIDE MIAMI-DADE COUNTY TO FULL DESIGN PRESSURE: AT EACH LOCATION USE TWO 1/4" TAPCONS OR 1/4" SS4 CRETE-FLEX IN CONCRETE OR WOOD OR #12 SCREWS IN WOOD.
HEAD & SILL: 6" MAX. FROM CORNERS AND 22 1/2" MAX. O.C.
JAMBS: 6" MAX. FROM CORNERS AND 24" MAX. O.C.
6. MIAMI-DADE COUNTY APPROVED SHUTTERS ARE REQUIRED ONLY AT INSTALLATIONS BELOW 30 FT. GRADE (NONE REQ'D ABOVE 30 FT. GRADE).
7. REFERENCES: TEST REPORTS FTL-3512
 ELCO TEXTRON NOA: 04-0721.01, 03-0225.05
 ANSI/AF&PA NDS-2001 FOR WOOD CONSTR.
8. THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, 2004 EDITION FOR THE HIGH VELOCITY HURRICANE ZONE (HVHZ).

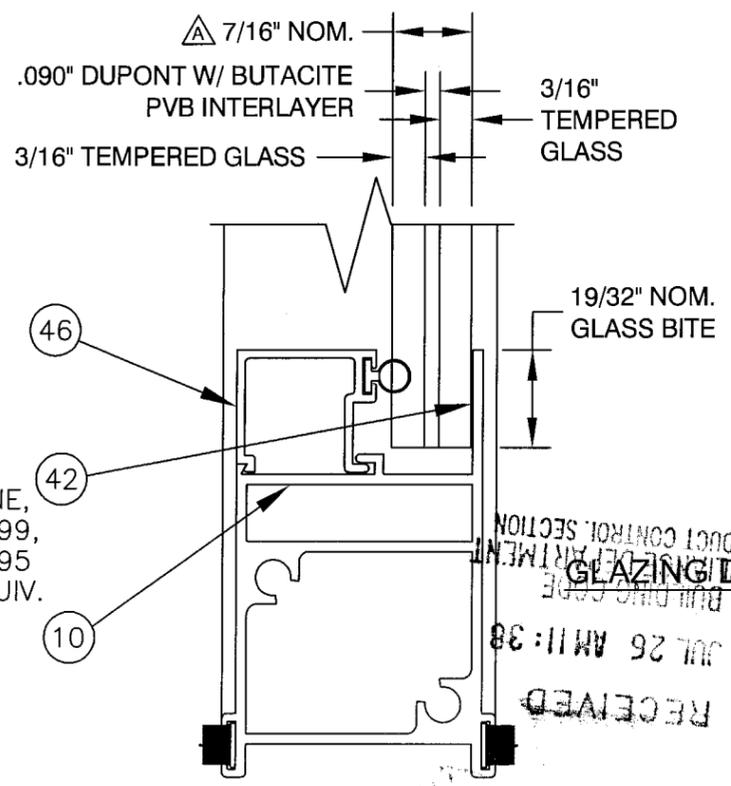


ITEM 61, FIXED CLIP INSTALLED (3) PLACES INSIDE ATTACHING EACH FIXED PANEL TO JAMB AT 11 1/2" FROM BOTTOM & 42" MAX. O.C.

SEE SECTION DETAILS SHTS. 2-3 AND PANEL/FRAME CONSTRUCTION DETAILS SHT. 5

TABLE 1. DESIGN PRESSURES (ALL SIZES & CONFIGURATIONS TO 191 3/4" W x 108" H)

ANCHOR TYPES	SUBSTRATE	NEG	POS
5/16" ELCO TAPCONS	CONCRETE	-140.0	+90.0
1/4" ELCO TAPCONS	CONCRETE OR WOOD	-80.6	+80.6
1/4" ELCO SS4 CRETE-FLEX	CONCRETE	-101.6	+90.0
1/4" ELCO SS4 CRETE-FLEX	WOOD	-94.2	+90.0
#12 SCREWS	WOOD	-55.6	+55.6



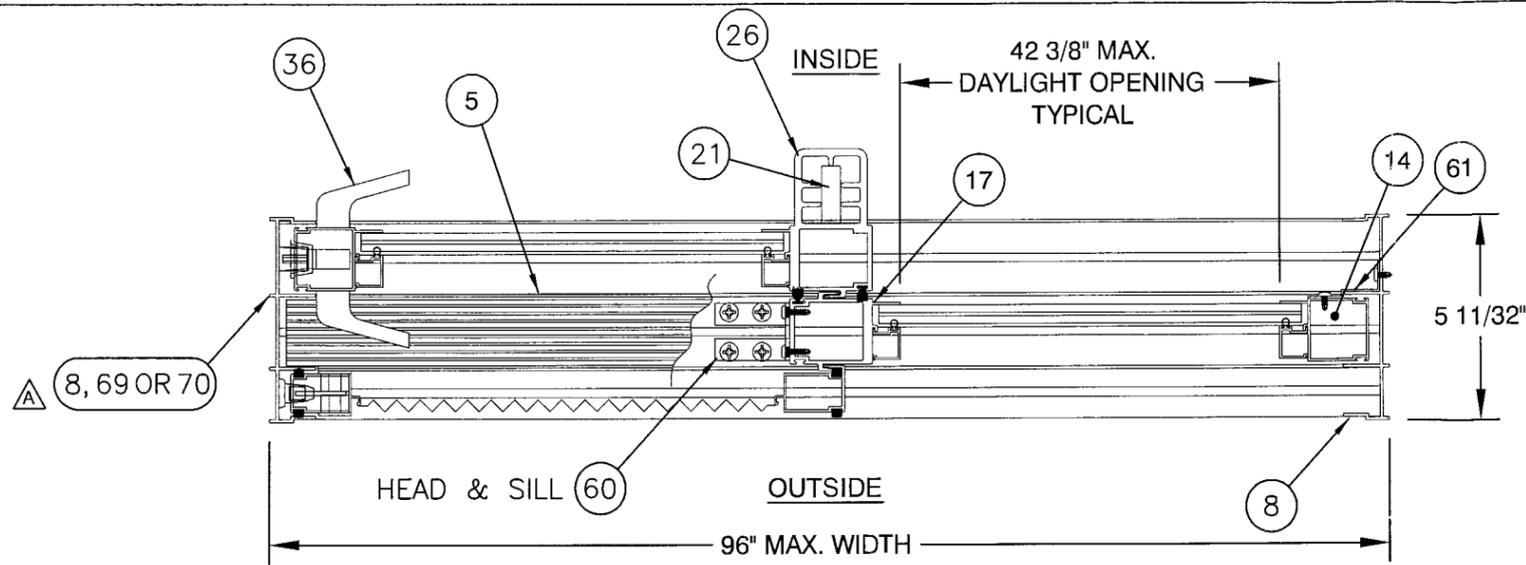
PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 06-080705 Expiration Date 10/03/07
 By: [Signature] Miami Code Product Control Division

RECEIVED
 05 JUL 26 AM 11:38
 BUILDING CODE COMPLIANCE DEPARTMENT PRODUCT CONTROL SECTION

[Signature]
 7/21/06
 Robert L. Clark, P.E.
 PE #39712
 Structural

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

Revsd By:	Date:	Revisions:
Revsd By: F.K.	Date: 7/12/06	Revisions: A-REVISE ANCHORAGE
Drawn By: F.K.	Date: 07/22/02	FTL-3512
Description: ELEVATION & GLAZING DETAIL (SM MISSILE)		
Title: MID-RISE ALUM. SLIDING GLASS DOOR		
Series/Model: SGD-830	Scale: NTS	Sheet: 1 of 6
Drawing No. 4392-1	Rev: A	

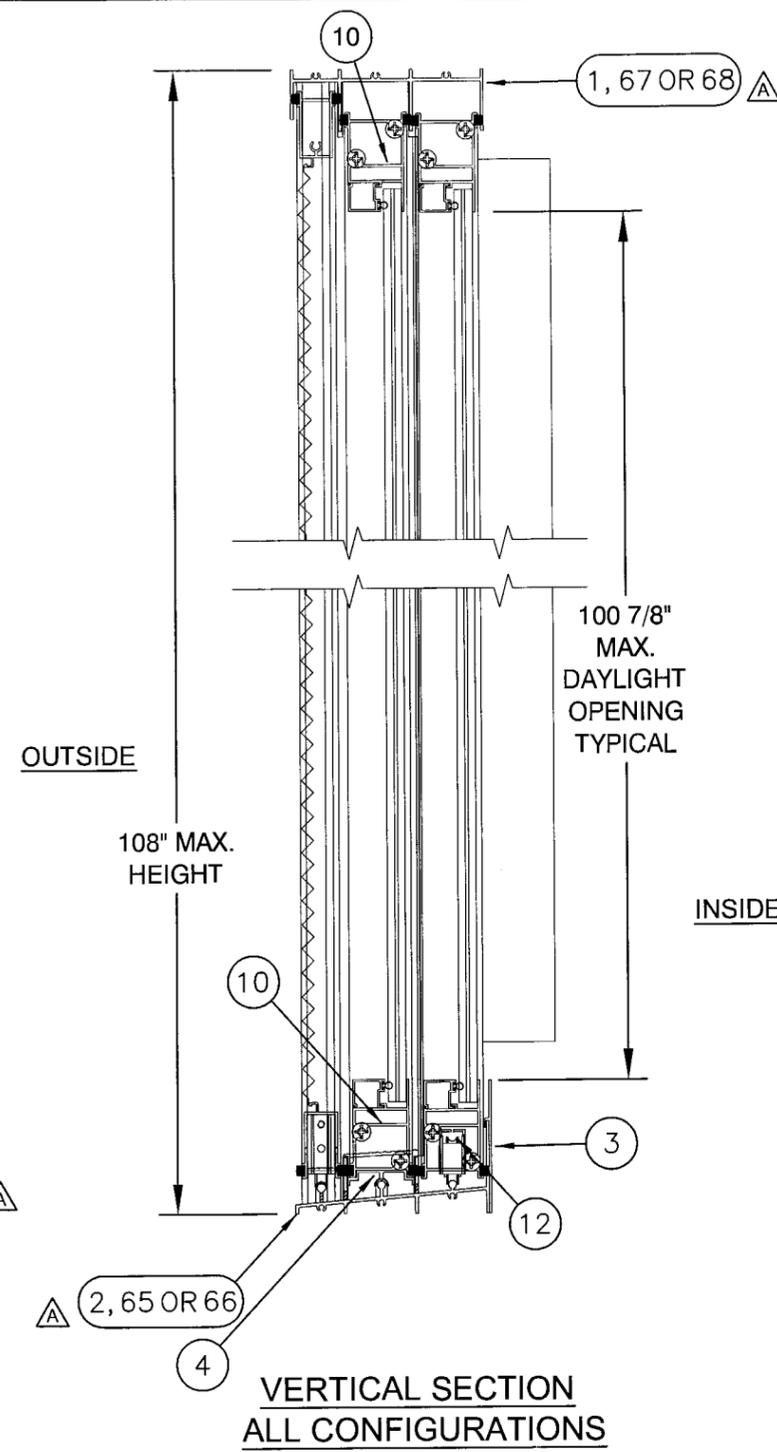


HORIZONTAL SECTION "XO" OR "OX" CONFIGURATION

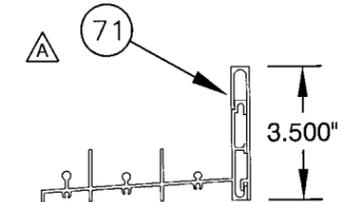
PARTS LIST

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	64381
34	1235	WSTP .170 x .270 BACK, FIN SEAL	67S16G
35	947	3/8" DIA. HOLE PLUG	417722
36		MORTISE LOCKSET	
37	GLASS	7/16" LAMINATED GLASS, 3/16" TEMPERED, .090 PVB INTERLAYER, 3/16" TEMPERED	
42		SILICONE, DOW 899, 995 OR EQUIV.	
46	4324	GLAZING BEAD 7/16" LAMINATED	6534601
48	1224	VINYL BULB WEATHERSTRIP	TP-247

MK.	DWG #	DESCRIPTION	PGT#
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
62	4424	SCREEN, 1 TRACK FRAME SILL	64424
63	4425	SCREEN, 1 TRACK FRAME HEAD	64425
64	4426	SCREEN, 1 TRACK FRAME JAMB	64426
65	4409	FRAME, 2 TRACK SILL	64409
66	4442	FRAME, 2 TRACK SILL / W SCREEN	64442
67	4414	FRAME, 2 TRACK HEAD	64414
68	4441	FRAME, 2 TRACK HEAD /W SCREEN	64441
69	4417	FRAME, 2 TRACK JAMB	64417
70	4443	FRAME, 2 TRACK JAMB W/ SCREEN	64443
71	4411	3.500 SILL RISER	64411
72	4384	SCREEN ASTRAGAL ADAPTER	64384



VERTICAL SECTION ALL CONFIGURATIONS



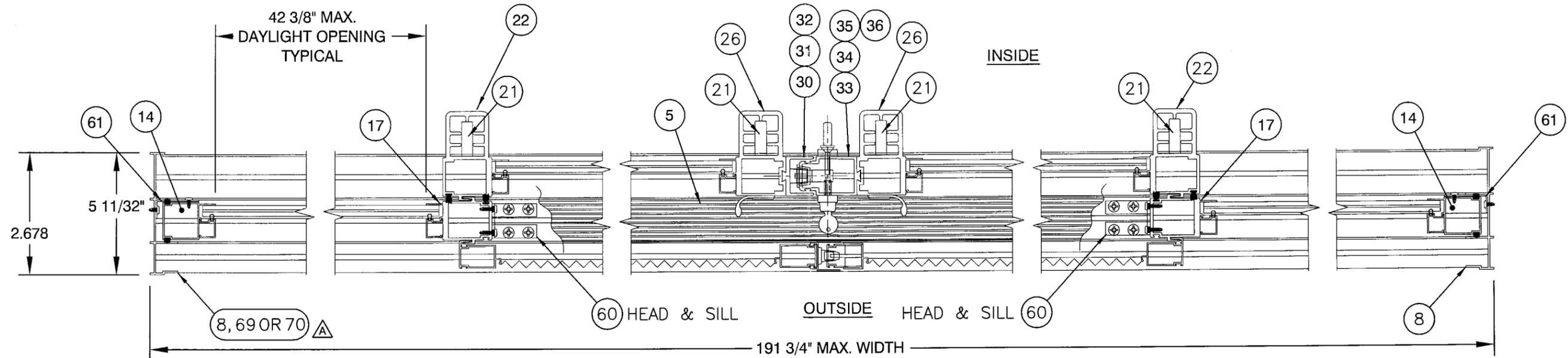
ALTERNATE SILL/RISER SILL ITEM 66 SHOWN

PRODUCT REVISED as complying with the Florida Building Code Acceptance No 06-0807-05 Expiration Date 10/03/07
 By [Signature] Miami Dade Product Control Division

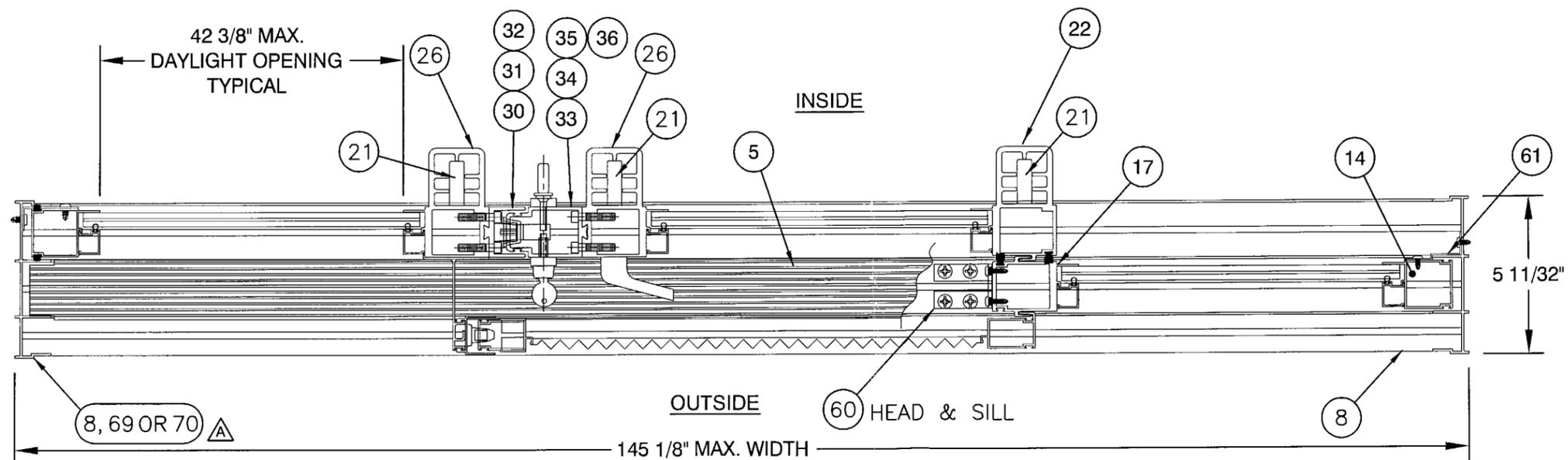
[Signature]
 7/21/06
 Robert L. Clark, P.E.
 PE #39712
 Structural

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

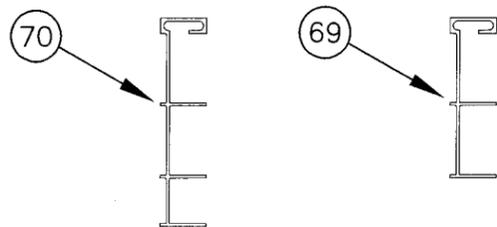
Revsd By:	Date:	Revisions:
Revsd By: F.K.	Date: 7/12/06	Revisions: A-ADD ITEMS 62-72, ALTER. FRAMES & 72
Drawn By: F.K.	Date: 07/22/02	FTL-3512
Description: SECTION DETAILS & PARTS LIST (SM MISSILE)		
Title: MID-RISE ALUM. SLIDING GLASS DOOR		
Series/Model: SGD-830	Scale: NTS	Sheet: 2 of 6
Drawing No. 4392-1	Rev: A	



HORIZONTAL SECTION "OXXO" CONFIGURATION



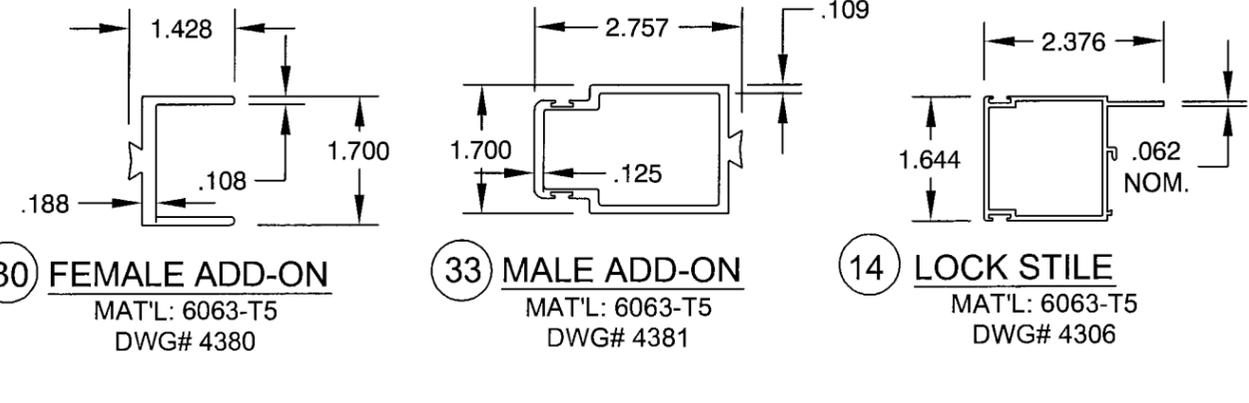
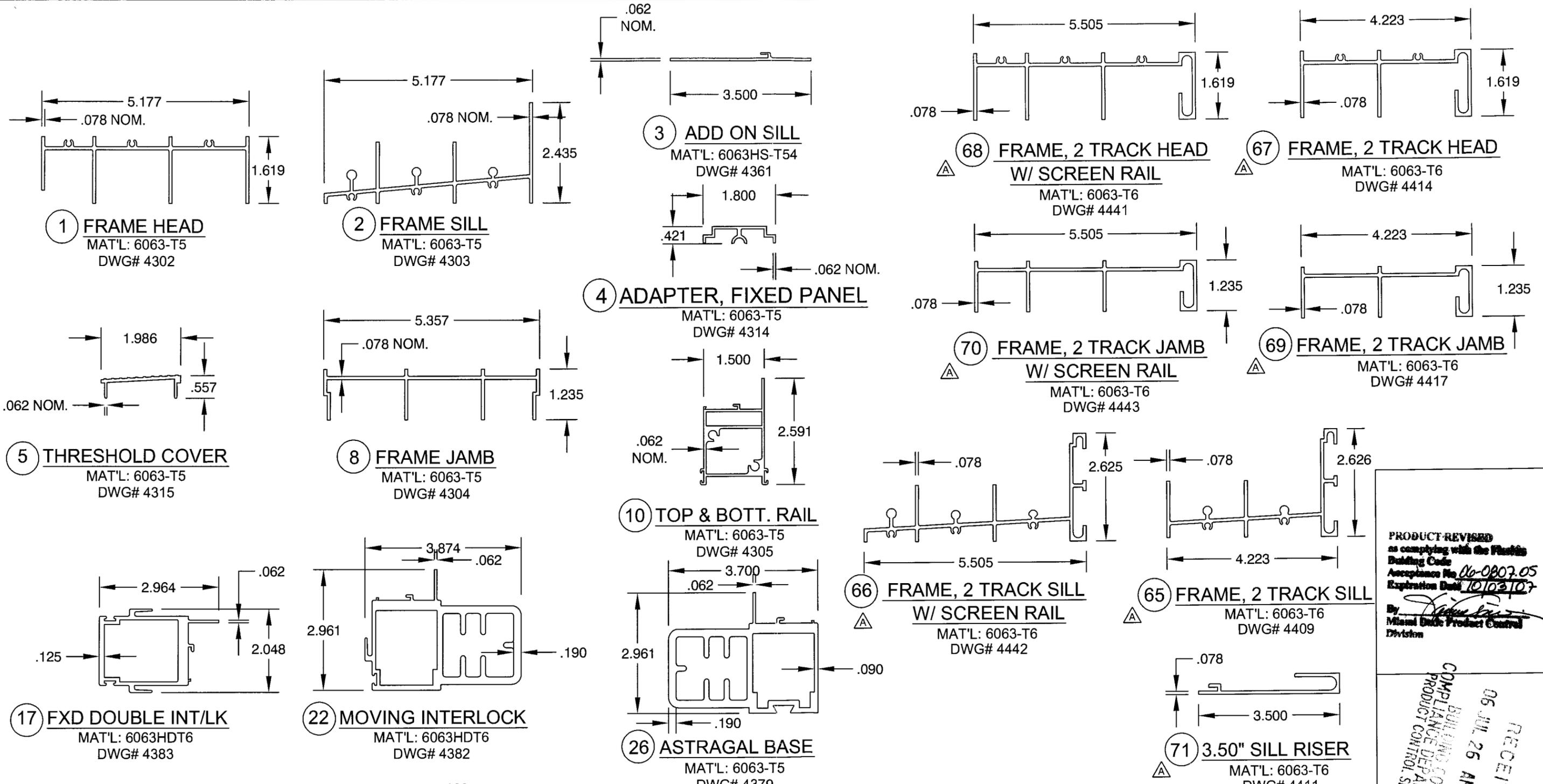
HORIZONTAL SECTION "OXO" CONFIGURATION



ALTERNATE 2-TRACK FRAME JAMBS

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 06-0807-05
 Expiration Date 10/03/10
 By *[Signature]*
 Miami-Dade Product Control
 Division

 7/24/06 Robert L. Clark, P.E. PE #39712 Structural	 1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274	Revsd By: F.K. Date: 7/12/06 Revisions: A-ADD ALTER. FRAME
		Revsd By: F.K. Date: 07/22/02 Revisions: FTL-3512
Description: SECTION DETAILS CONTINUED (NON-IMPACT)		
Title: MID-RISE ALUM. SLIDING GLASS DOOR		
Series/Model: SGD-830	Scale: NTS	Sheet: 3 of 6
Drawing No. 4392-3		Rev: A



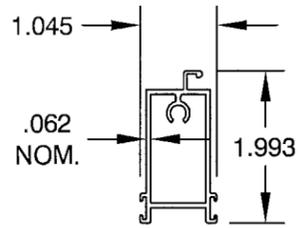

 7/24/06
 Robert L. Clark, P.E.
 PE #39712
 Structural

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

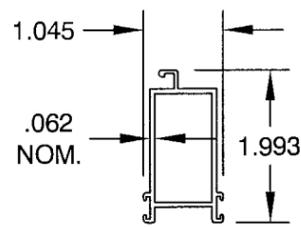
Revsd By:	Date:	Revisions:
Revsd By: F.K.	Date: 7/12/06	Revisions: A-ADD ITEMS 62-71
Drawn By: F.K.	Date: 07/22/02	FTL-3512
Description: EXTRUSIONS - DOOR & FRAME (SM MISSILE)		
Title: MID-RISE ALUM. SLIDING GLASS DOOR		
Series/Model: SGD-830	Scale: NTS	Sheet: 4 of 6
Drawing No. 4392-1		Rev: A

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 06-0807.05
 Expiration Date 10/03/07
 By: 
 Miami Dade Product Control
 Division

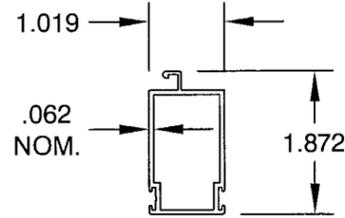
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 PRODUCT CONTROL SECTION



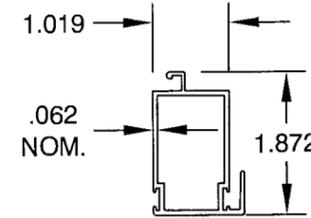
49 SCREEN FRAME TOP RAIL
MAT'L: 6063-T5
DWG# 4317



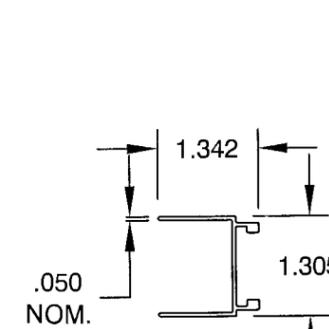
51 BOTTOM RAIL
MAT'L: 6063-T5
DWG# 4318



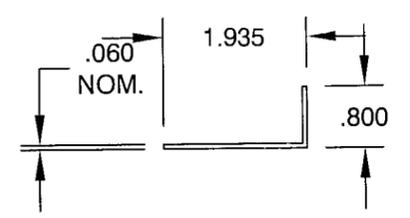
52 SCREEN FRAME SIDE RAIL
MAT'L: 6063-T5
DWG# 4319



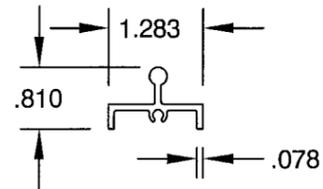
54 SCREEN FRAME MEETING RAIL
MAT'L: 6063-T5
DWG# 4320



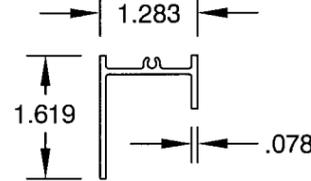
57 SCREEN ASTRAGAL
MAT'L: 6063-T5
DWG# 4344



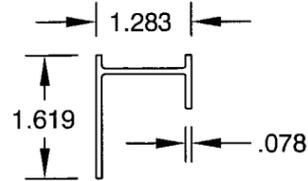
60 FIXED PANEL CLIP
MAT'L: 6063-T5
DWG# 4356



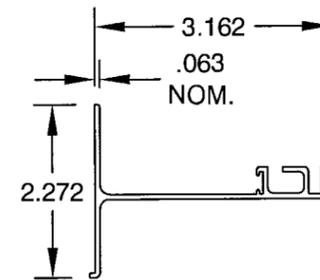
62 SCREEN, 1 TRACK FRAME, SILL
MAT'L: 6063-T6
DWG# 4424



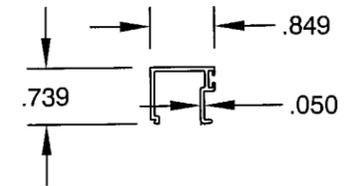
63 SCREEN, 1 TRACK FRAME, HEAD
MAT'L: 6063-T6
DWG# 4425



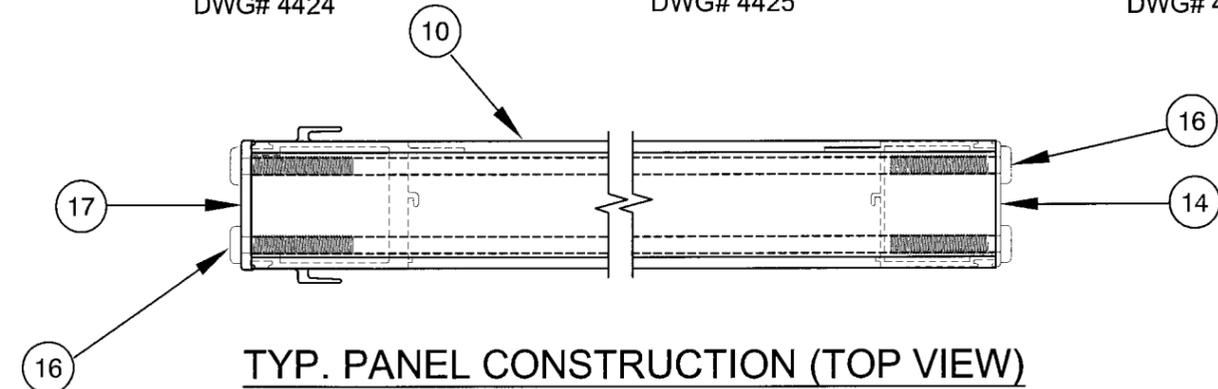
64 SCREEN, 1 TRACK FRAME, JAMB
MAT'L: 6063-T6
DWG# 4426



73 SCREEN ASTRAGAL ADAPTER
MAT'L: 6063-T5
DWG# 4384

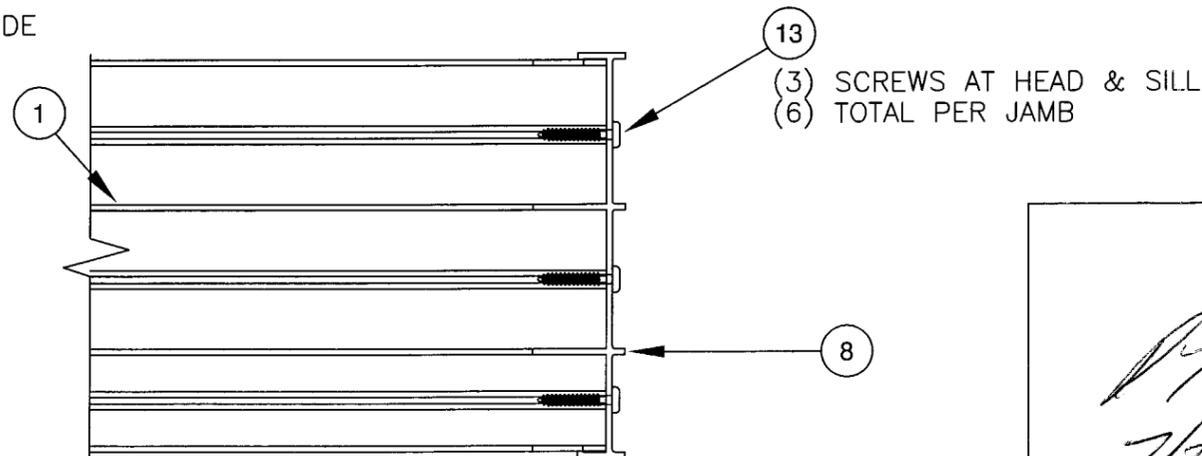


46 7/16" GLAZING BEAD
MAT'L: 6063-T5
DWG# 4324



TYP. PANEL CONSTRUCTION (TOP VIEW)

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



FRAME CONSTRUCTION (TOP VIEW)

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

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 06-0902-05
Expiration Date 10/03/07
By [Signature]
Miami Code Product Control Division

[Signature]
7/24/02
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: F.K.	Date: 7/12/06	Revisions: A-CORRECT ITEM NOS. & ADD ITEMS 62-64
Drawn By: F.K.	Date: 07/22/02	FTL-3512

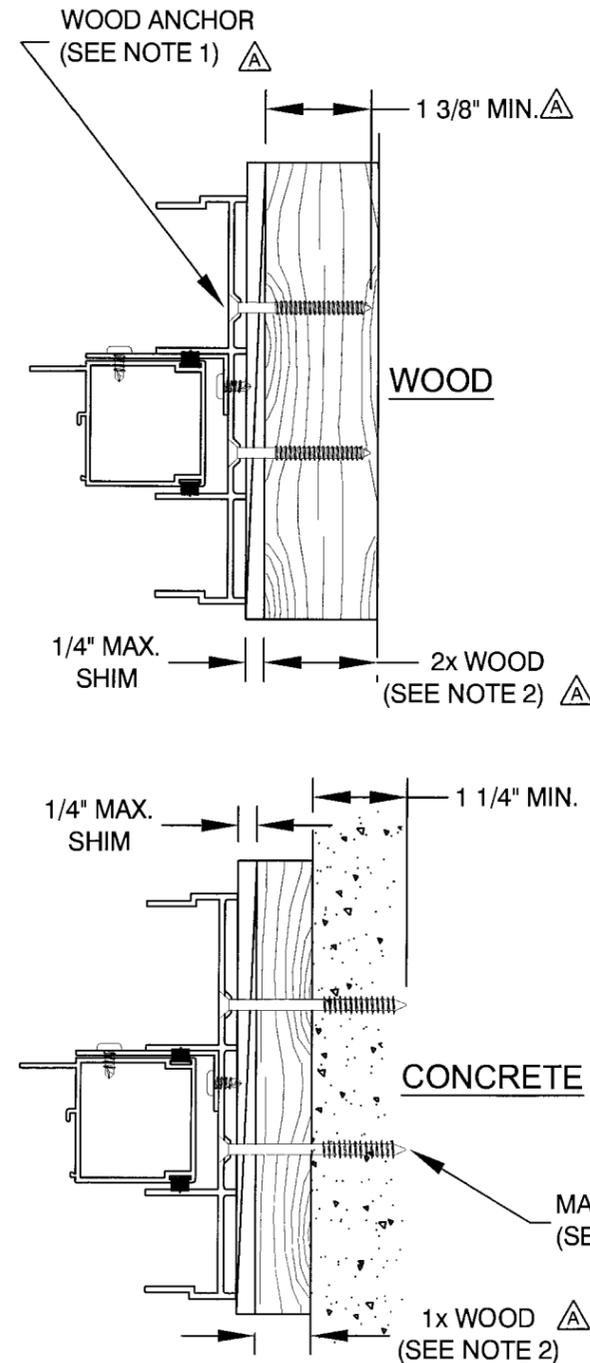
Description:
EXTRUSIONS & CORNER CONSTRUCTION (SM MISSILE)

Title:
MID-RISE ALUM. SLIDING GLASS DOOR

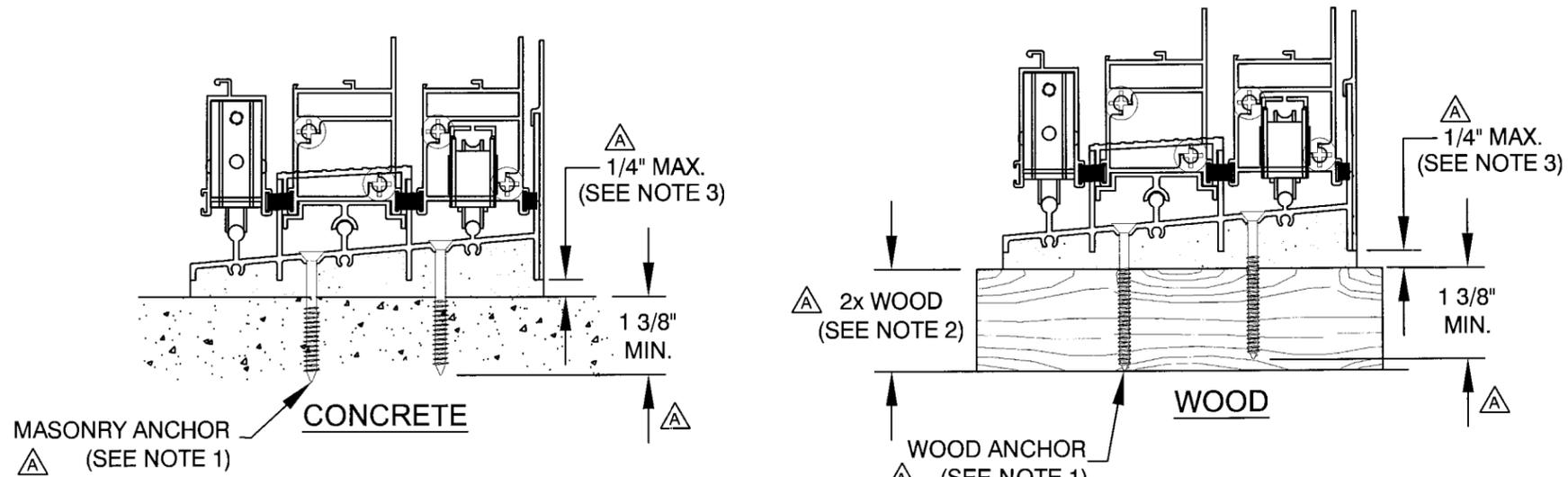
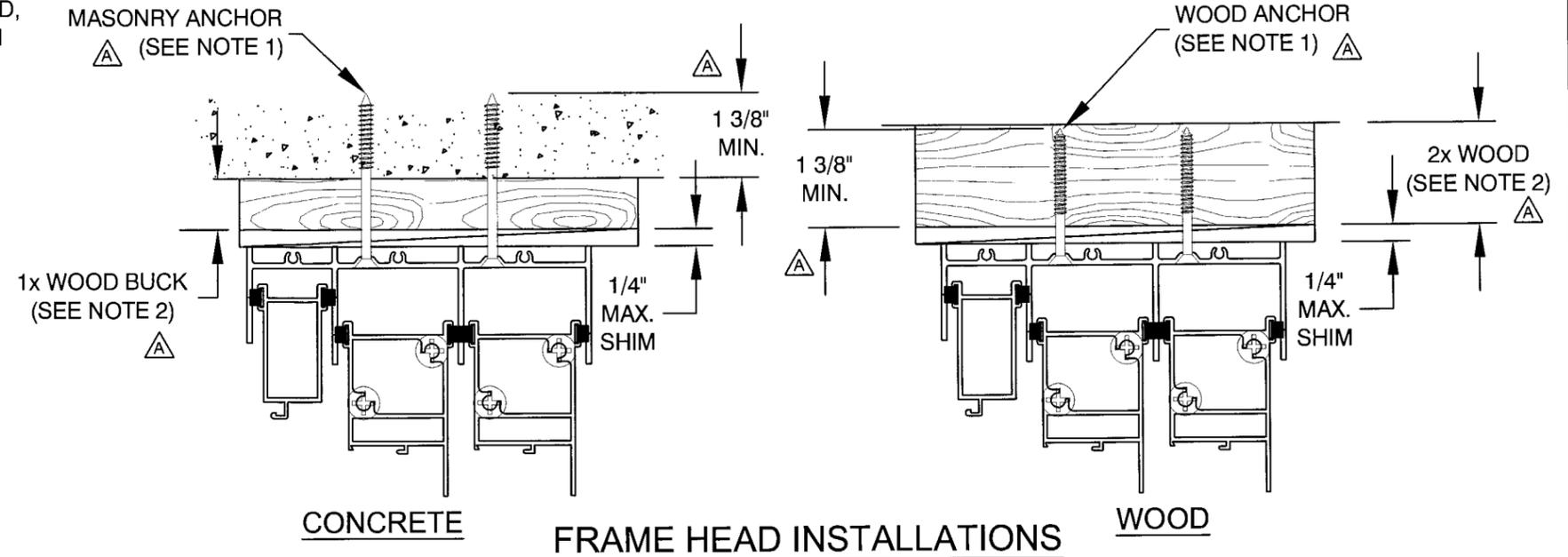
Series/Model: SGD-830	Scale: NTS	Sheet: 5 of 6	Drawing No. 4392-1	Rev: A
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NOTES: ⚠

- FOR CONCRETE APPLICATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED ELCO MASONRY ANCHORS. MINIMUM DISTANCE FROM CONCRETE ANCHOR TO CONCRETE EDGE IS 2-1/2". FOR WOOD APPLICATIONS 1/4" SS4 CRETE-FLEX OR 1/4" TAPCONS ARE APPROVED FOR USE IN PLACE OF #12 SCREWS. SEE TABLE 1 ON SHEET 1 FOR DESIGN PRESSURE LIMITATIONS WHEN ANCHORING WITH OTHER THAN 5/16" TAPCONS INTO CONCRETE. FLATHEAD ANCHORS MUST HAVE #12 TRIMFIT HEADS.
- WOOD BUCKS DEPICTED AS 1x ARE LESS THAN 1 1/2" THICK. 1x WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SOLID CONCRETE. WOOD BUCKS DEPICTED AS 2x ARE 1 1/2" THICK OR GREATER. INSTALLATION TO THE SUBSTRATE OF WOOD BUCKS TO BE ENGINEERED BY OTHERS OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION (AHJ).
- IF SILL IS TIGHT TO SUBSTRATE, GROUT OR OTHER MATERIAL IS NOT REQUIRED. IF USED, GROUT OR OTHER MAT'L (DONE BY OTHERS) MUST FULLY SUPPORT THE ENTIRE LENGTH OF THE SILL THAT IS NOT TIGHT TO THE SUBSTRATE, AND TRANSFER SHEAR LOAD TO SUBSTRATE.



FRAME JAMB INSTALLATIONS



FRAME SILL INSTALLATIONS

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 06-0807.05
 Expiration Date 10/10/31/07
 By *[Signature]*
 Miami State Product Control
 Division

FRAME JAMB INSTALLATIONS

 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: F.K. Date: 7/12/06 Revisions: A-REVISE ANCHORAGE 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: A