



BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION

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

[www.buildingcodeonline.com](http://www.buildingcodeonline.com)

**NOTICE OF ACCEPTANCE (NOA)**

Sun Metals Systems, Inc.  
5008 Tampa West Blvd.  
Tampa, FL 33634

**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 "SUNDOR 1000" Aluminum Sliding Glass Door - S.M.I.**

**APPROVAL DOCUMENT:** Drawing No. OXXO-SMI, titled "TAS 201-202-203 Small Impact Test Sliding Glass Door", sheets 1 through 7 of 7, dated 2/13/03, with revision #2 dated 05/20/05, prepared by manufacturer, signed and sealed by Wendell W. Haney, 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 Resistant**

**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 page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Manuel Perez, P. E.**



NOA No. 04-0722.02  
Expiration Date: June 9, 2010  
Approval Date: June 9, 2005  
Page 1

Sun Metals Systems, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **OXXO-SMI**, titled "TAS 201-202-203 Small Impact Test Sliding Glass Door", sheets 1 through 7 of 7, dated 2/13/03, with revision #2 dated 05/20/05, prepared by manufacturer, signed and sealed by Wendell W. Haney, 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 20294
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Small Missile Impact Test per FBC, TAS 201-94
  - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 7) Forced Entry Resistant Test, per FBC 2411.3.2.1 (b) and TAS 202-94along with marked-up drawings and installation diagram of a sliding glass door prepared by Certified Testing Laboratories, Test Report No. **CTLA-1043W**, dated 05/01-07/21/03, signed and sealed by Ramesh Patel, P.E.

**C. CALCULATIONS**

1. Anchor Calculations, ASTM-E1300, and structural analysis, prepared by RW Building Consultants, Inc., dated 04/12/05, signed and sealed by Wendell W. Haney, P.E.  
**Complies with ASTM E1300-98**  
**No 1/3 stress increase used in anchors into masonry or steel substrate.**

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **01-0205.02** issued to Solutia Inc. for "Saflex/Keepsafe Maximum", approved on 05/17/01 and expiring on 05/21/06.

**F. STATEMENTS**

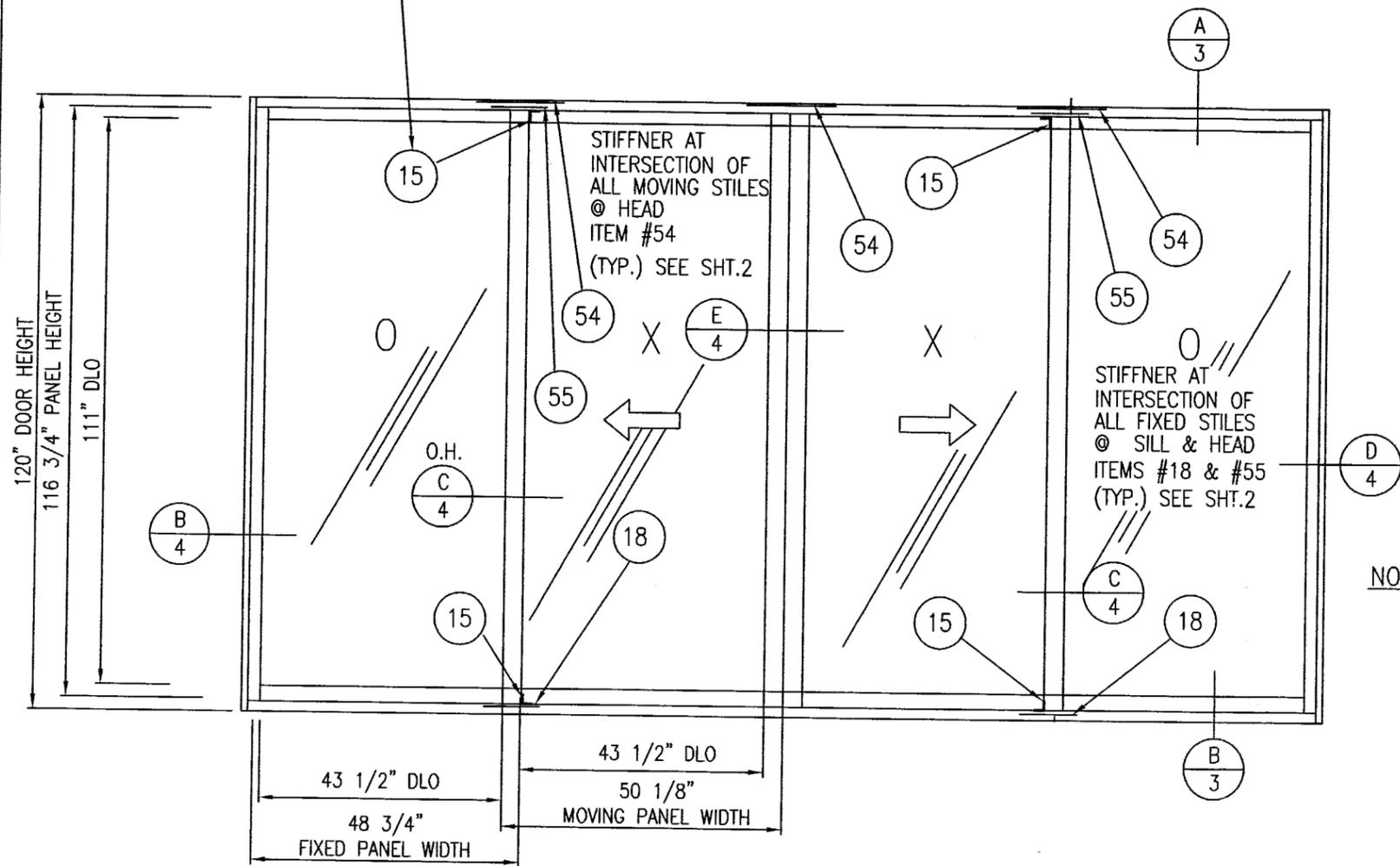
1. Statement letter of conformance and no financial interest, dated July 20, 2004, signed and sealed by Wendell W. Haney, P.E.
2. Statement letter of no financial interest, dated July 20, 2004 signed by James G. Hatton, III Vice president Sun Metals, Inc. (notarized)

**G. OTHER**

1. Letter from the consultant stating that the product is in compliance with the Florida Building Code (FBC).

  
\_\_\_\_\_  
Manuel Perez, P. E.  
Product Control Examiner  
NOA No. 04-0722.02  
Expiration Date: June 9, 2010  
Approval Date: June 9, 2005

ANCHOR CLIP, TYPICAL ALL FIXED STILES, FR.HEAD & FR.SILL INTERSECTIONS.



**TYPICAL ELEVATION**  
 OXO CONFIGURATION  
 THIS CONFIGURATION ALSO  
 QUALIFIES 2, 3 & 4 PANELS

**GLAZING OPTIONS**

**SMALL MISSILE IMPACT RESISTANT - 9/16" LAMINATED**  
 (INSIDE LITE, 1/4" HS/ .060 SAFLEX III G / OUTSIDE LITE, 1/4" HS)  
 (SOLUTIA SAFLEX - N.O.A. # 01-0205.02)

FOR INSTALLATIONS ABOVE 30 FEET ABOVE GRADE  
 SHUTTERS ARE NOT REQUIRED

DADE COUNTY APPROVED SHUTTERS ARE REQUIRED  
 FOR INSTALLATION UP TO 30 FEET ABOVE GRADE.

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THIS DOOR APPROVED FOR 2 PANELS, 3 PANELS OR 4 PANELS

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**DESIGN PRESSURES:**

+100 PSF  
 -100 PSF

- NOTES:**
- THIS STRUCTURE HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2001 INCLUDING THE HIGH VELOCITY HURRICANE ZONE.
  - INSTALLATION OF THIS SYSTEM IN HVHZ AREA REQUIRES THE USE OF MIAMI-DADE COUNTY APPROVED SHUTTER/EXTERNAL PROTECTION DEVICE COMPLYING WITH HVHZ REQUIREMENTS UP TO 30 FEET ABOVE GRADE. INSTALLATION OF THIS SYSTEM OUTSIDE OF HVHZ SHALL MEET THE APPLICABLE CODE REQUIREMENTS FOR WINDBORNE DEBRIS PROTECTION UP TO 30 FEET ABOVE GRADE.
  - ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
  - ALL STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED OR PLATED.
  - SEALANTS** (45) (46) (48)
    - FACTORY TO SEAL ALL EXTERIOR JOINTS AT INTERSECTIONS OF ALL RAILS & STILES, WITH ITEM #45, NARROW JOINT SEAM SEALER.  
 FACTORY TO SEAL ALL GASKET JOINTS, WITH ITEM #48, ACRYLIC GASKET SEALER.
    - FIELD TO SEAL ALL THE FOLLOWING INTERSECTIONS WITH ITEM #46, SILICONE.
      - JAMBS TO HEAD & SILL ON BACKSIDE,
      - BUTTER SEAL AT SILL DAM, BACKSIDE, TO JAMBS.
      - THRESHOLD TO JAMB & INTERLOCK STILE.
      - OXO ADAPTOR TO HEAD, SILL & ASTRAGAL ADAPTER.
      - FIXED SIDE OF HEAD & SILL PARTING STOP.
    - FIELD TO SEAL ALL SILL INSTALLATION SCREWS & EXTERIOR INSTALLATION SCREWS IN FIXED TRACK OF FRAME JAMBS & HEAD WITH SILICONE.
    - CAUTION: DO NOT ALLOW SEALANT, MORTAR, GROUT, ETC.; TO BLOCK WEEP SLOTS ON EXTERIOR OF SILL.

**SUNDOR "1000" 4-PANEL**  
 SUN METALS SYSTEMS, INC.  
 5140 W. CLIFTON STREET (813) 886-0666  
 TAMPA, FLORIDA 33634 (813) 881-0812 (Fax)



Scale: NTS	05/20/05	Rev. Date
Date: 2/13/03	04/12/05	Rev. Date
Drawn: JU	2	Clarify OX & OXO ELEV. & SECTIONS
Checked: ECV	1	Reverse Per DADE LETTER OF 8/04
		Revision Notes

TAS 201-202-203  
 SMALL IMPACT TEST  
 SLIDING GLASS DOOR

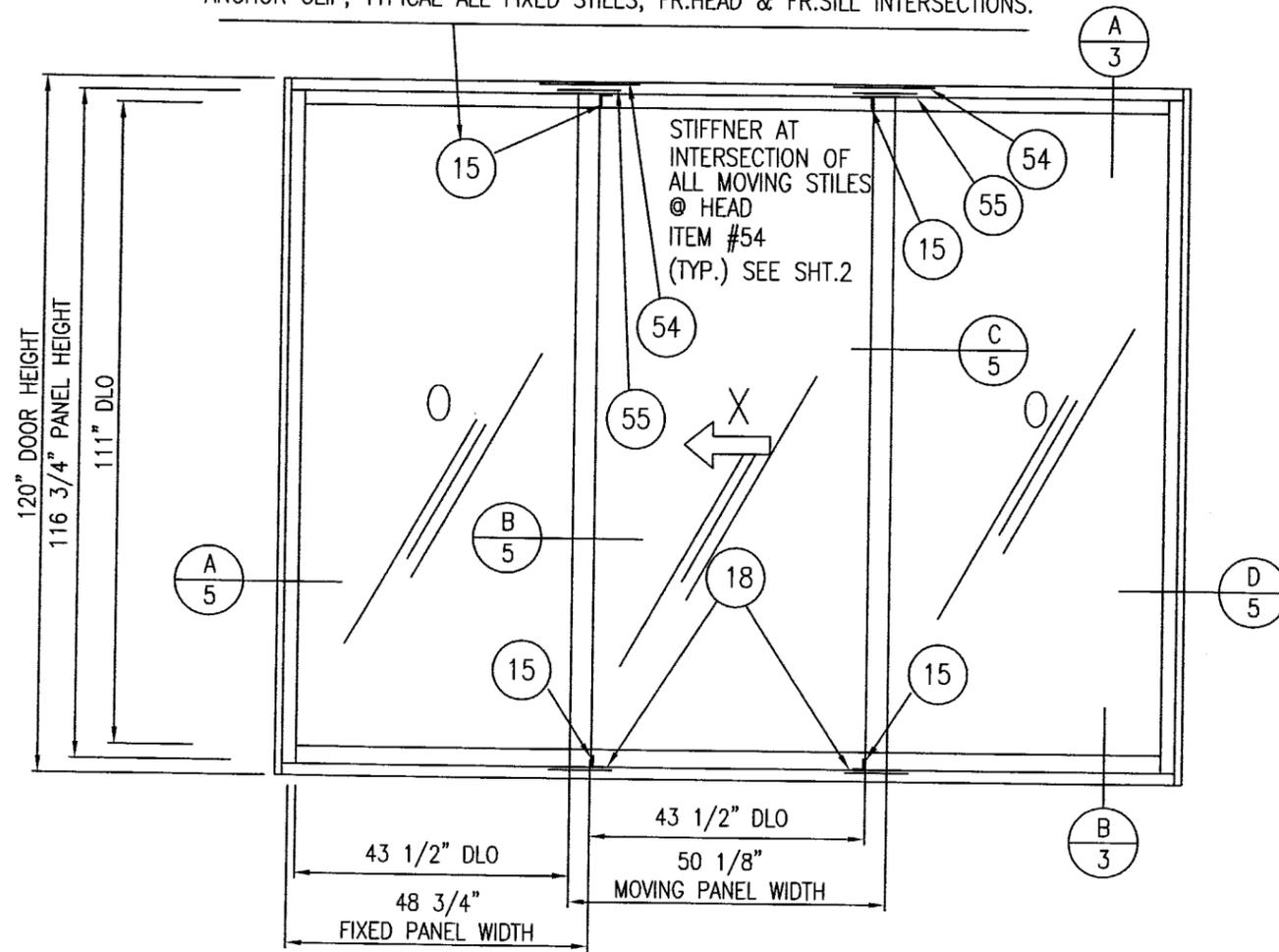
Approved as complying with the Florida Building Code  
 Date: **JUNE 9, 2005**  
 NOA#: **04-0722.02**  
 Miami Dade Product Control  
 Division  
 By: *Manuel Perez*

ITEM: ELEVATIONS/NOTES  
 FILE#: OXO-SMI  
 SHEET#: 1 OF 7

R:\PROJ 500 - 650\VF582\OXO-SMI REV2\OXO-SMI OX OXO EXAMPLES.DWG

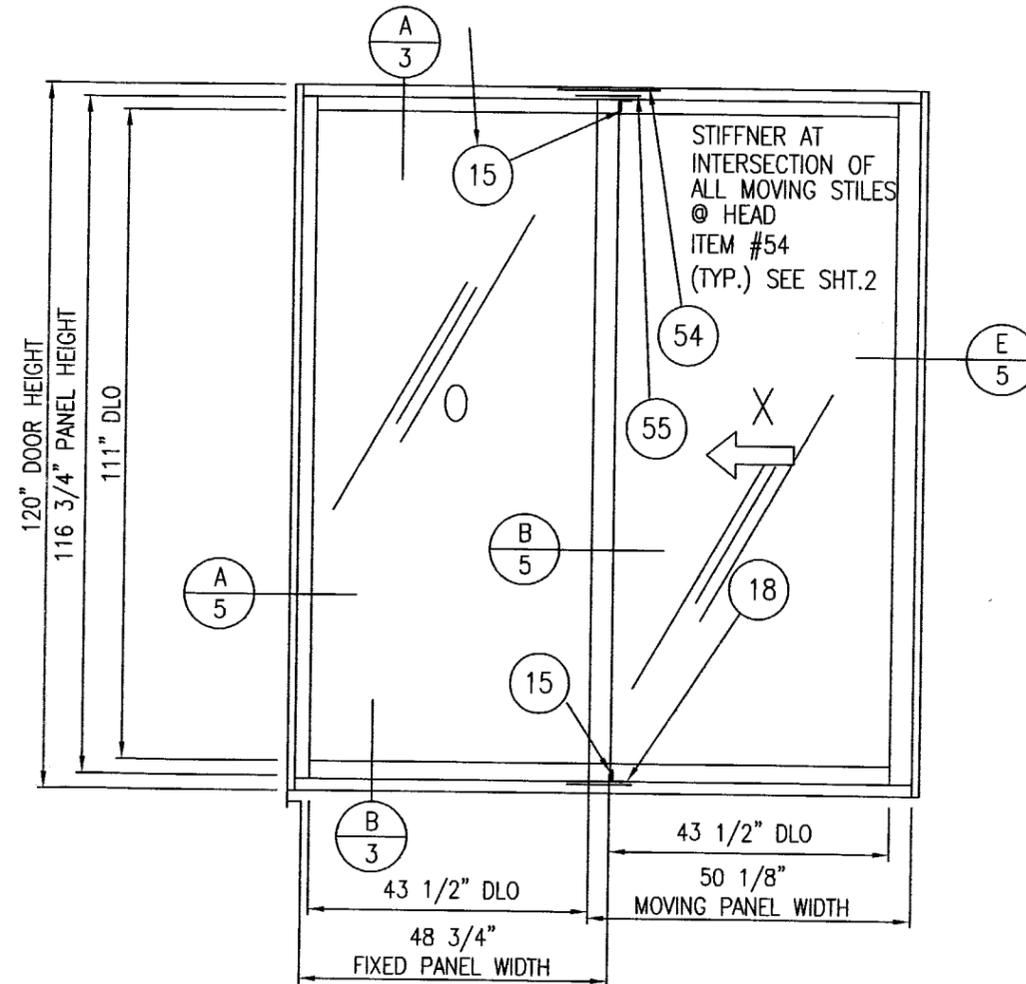
Documents Prepared By:  
**RW** BUILDING CONSULTANTS, INC.  
 P.O. Box 230 Valrico FL 33595  
 Phone No.: 813.658.9197  
 Florida Board of Professional Engineers  
 Certificate of Authorization No. 9813  
*Wendell W. Haney*  
 Wendell W. Haney P.E. No. 54158

ANCHOR CLIP, TYPICAL ALL FIXED STILES, FR.HEAD & FR.SILL INTERSECTIONS.



OXO CONFIGURATION

ANCHOR CLIP, TYPICAL ALL FIXED STILES, FR.HEAD & FR.SILL INTERSECTIONS.



OX CONFIGURATION

(OX CONFIGURATION WOULD BE OPPOSITE HAND)



SUNDOR "1000" 4-PANEL  
 SUN METALS SYSTEMS, INC.  
 5140 W. CLIFTON STREET  
 TAMPA, FLORIDA 33634  
 (813) 886-0666  
 (813) 881-0812 (Fax)

TAS 201-202-203  
 SMALL IMPACT TEST

SLIDING GLASS DOOR

Scale: NTS  
 Date: 2/13/03  
 Drawn: JU  
 Checked: ECV

2	WWH	CLARIFY OX & OXO ELEV. & SECTIONS	05/20/05
1	WWH	REVISE PER DADE LETTER OF 8/04	04/12/05
	Rev. By	Revision Notes	Rev. Date

Approved as complying with the  
 Florida Building Code  
 Date **JUNE 9, 2005**  
 NOAH # **04-0722-02**  
 Miami Dade Product Control  
 Division  
 By *Wendell W. Haney*

ITEM: OX & OXO ELEV.

FILE#: OXXO-SMI

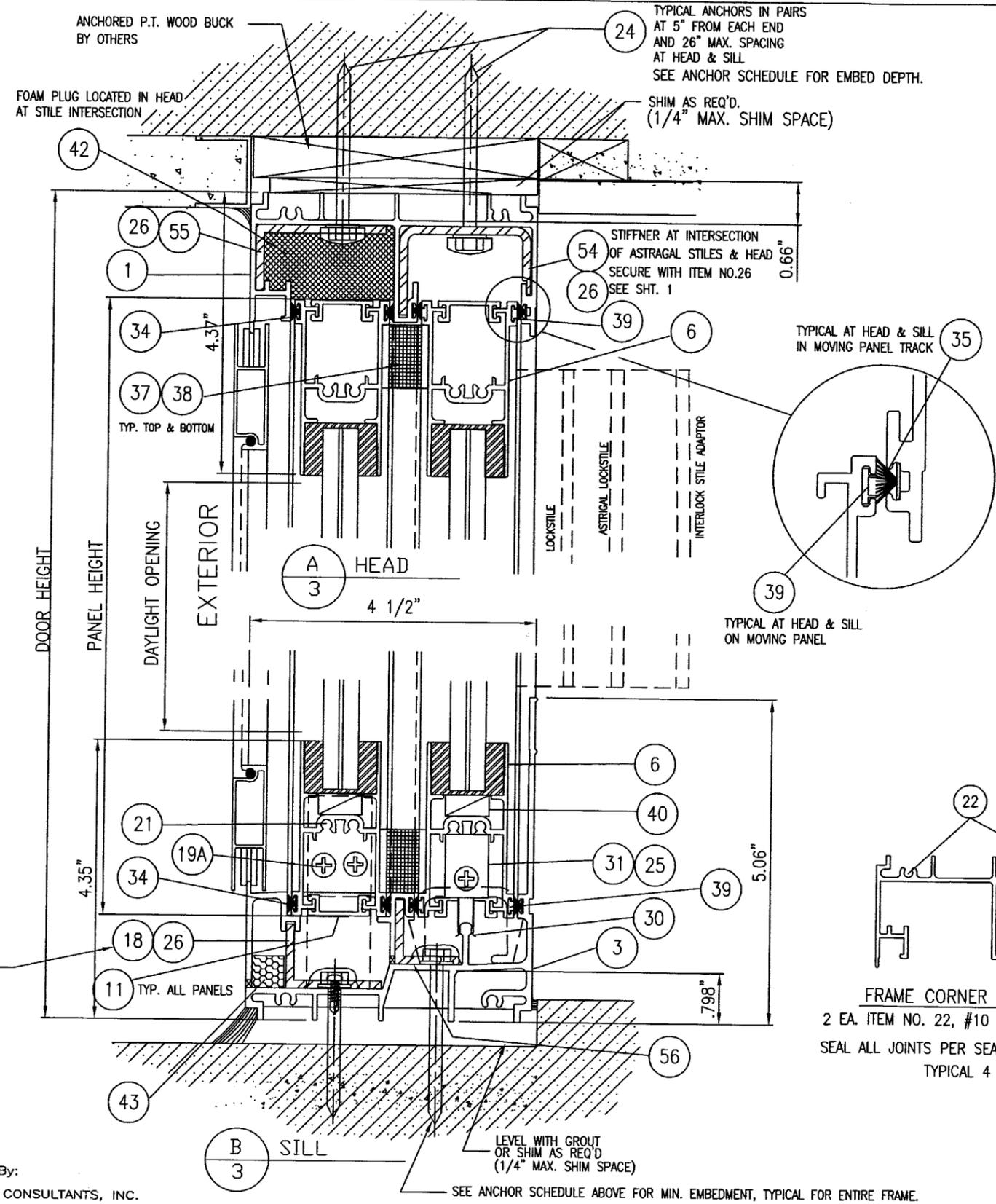
SHEET#: 2 OF 7

Documents Prepared By:

*RW* BUILDING CONSULTANTS, INC.  
 P.O. Box 230 Valrico FL. 33595  
 Phone No.: 813.659.9197

Florida Board of Professional Engineers  
 Certificate of Authorization No. 9813

*Wendell W. Haney*  
 Wendell W. Haney, P.E. No. 54158



ANCHOR SCHEDULE		
SUBSTRATE	ANCHOR	SPACING
CONCRETE:	1/4" DIA. TAPCON WITH 1 1/2" EMBED	SEE SHEET 7
STEEL: (16 GA. MIN.)	# 14 S.M.S.	SEE SHEET 7
WOOD: 1 X	1/4" DIA. TAPCON, WITH 1 1/2" EMBEDMENT INTO CONCRETE.	SEE SHEET 7
WOOD: 2 X	3/8"Ø WOOD SCREW WITH 1 1/2" EMBED	SEE SHEET 7

GLAZING OPTIONS		
SMALL MISSILE IMPACT RESISTANT		

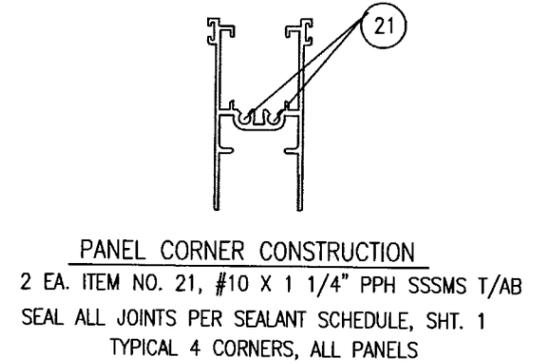
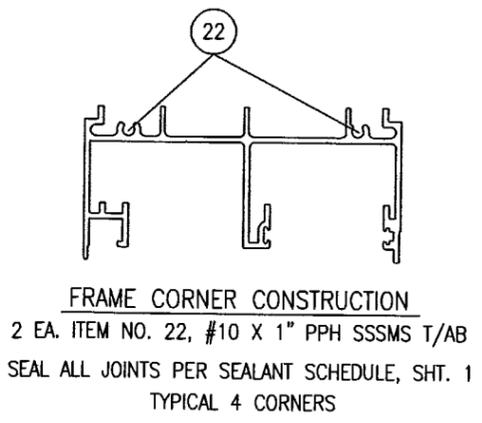
GLAZING DETAIL		
INSIDE	9/16" LAMINATED GLASS 1/4" H.S. / 2 Ea. .030 SOLUTIA SAFLEX III G PVB / 1/4" HS 3/4" GLASS BITE	OUTSIDE

**SUNDOR "1000" 4-PANEL**  
**SUN METALS SYSTEMS, INC.**  
 5140 W. CLIFTON STREET  
 TAMPA, FLORIDA 33634  
 (813) 886-0666  
 (813) 881-0812 (Fax)

Scale: HALF  
 Date: 2/13/03  
 Drawn: JU  
 Checked: ECV

TAS 201-202-203  
 SMALL IMPACT TEST  
 SLIDING GLASS DOOR

Rev. #    Rev. By    Revision Notes  
 05/20/05    WWH    CLARIFY OX & OXO ELEY. & SECTIONS  
 04/12/05    WWH    REVISE PER DADE LETTER OF 8/04



Documents Prepared By:  
**RW** BUILDING CONSULTANTS, INC.  
 P.O. Box 230 Valrico FL. 33595  
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 Certificate Of Authorization No. 9813  
*Wendell W. Haney*  
 Wendell W. Haney, P.E., No. 54158

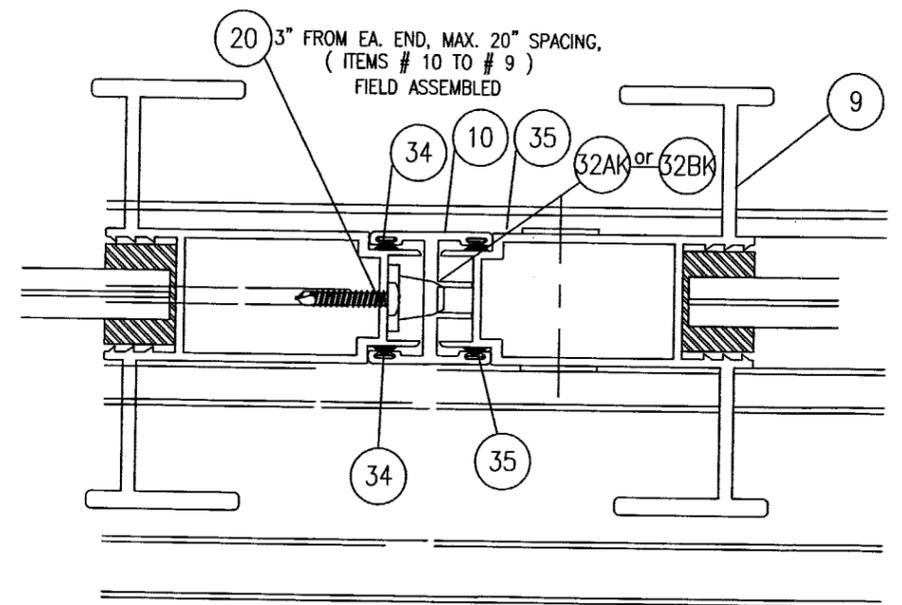
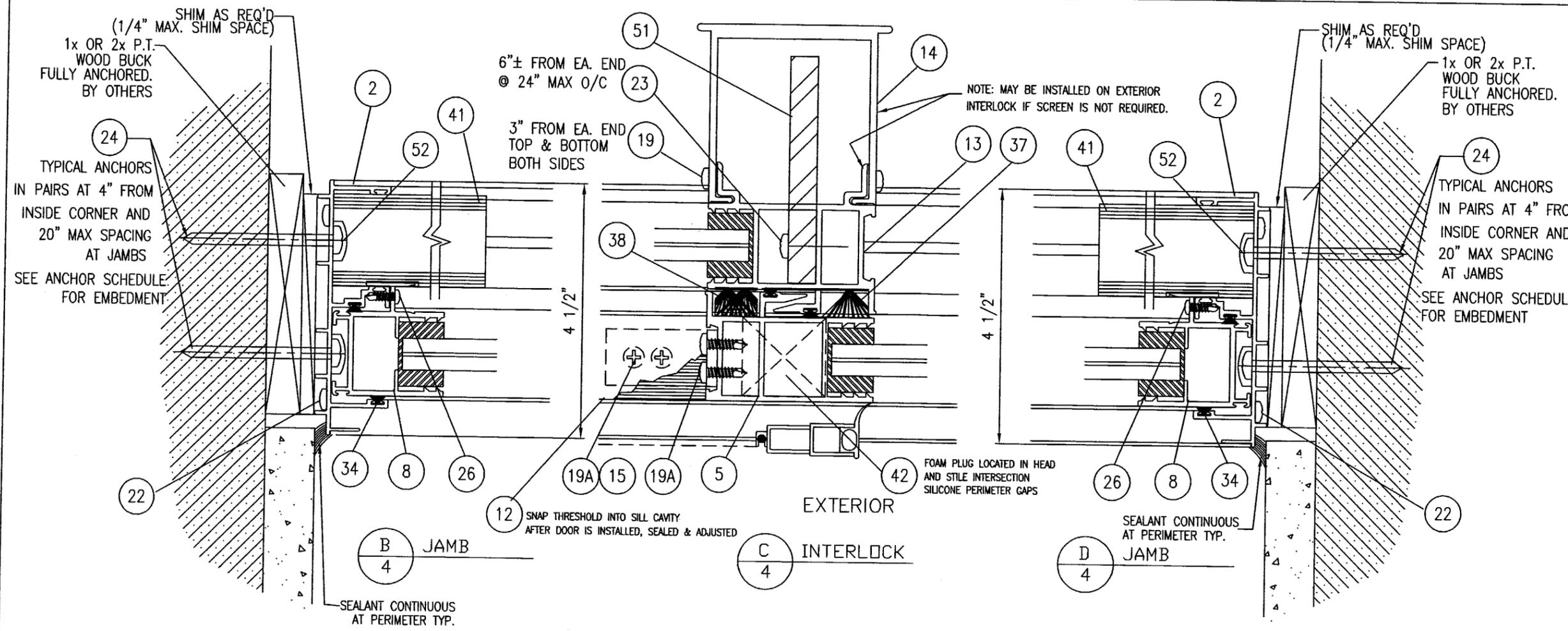
SEE SHEET OXX0-SMI-01 FOR ELEVATIONS  
 SEE SHEET OXX0-SMI-04 FOR BILL OF MATERIAL

Approved as complying with the Florida Building Code  
 Date: **JUNE 9, 2005**  
 NO. **04-0722-02**  
 Miami Dade Product Control  
 Division  
 By: *Manuel Perez*

ITEM: VERTICAL SECTIONS  
 FILE#: OXX0-SMI  
 SHEET#: 3 OF 7

R:\PROJ 500 - 650\PF582\OXX0-SMI REV2\OXX0-SMI OX OXO EXAMPLES.DWG

R:\PROJ\_500 - 650\PF582\OXXO-SMI REV2\OXXO-SMI OX OXO EXAMPLES.DWG



E "OXXO"-ASTRAGALS 4

Documents Prepared By:

**RW** BUILDING CONSULTANTS, INC.  
P.O. Box 230 Valrico FL 33595  
Phone No.: 813.659.9197

Florida Board of Professional Engineers  
Certificate Of Authorization No. 9813

*Wendell W. Honey* 5/20/05  
Wendell W. Honey, F.E. No. 54158

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5140 W. CLIFTON STREET  
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Scale: HALF	Rev. #	Rev. Date
Date: 2/14/03	2	06/20/05
Drawn: JU	1	04/12/05
Checked: ECV		

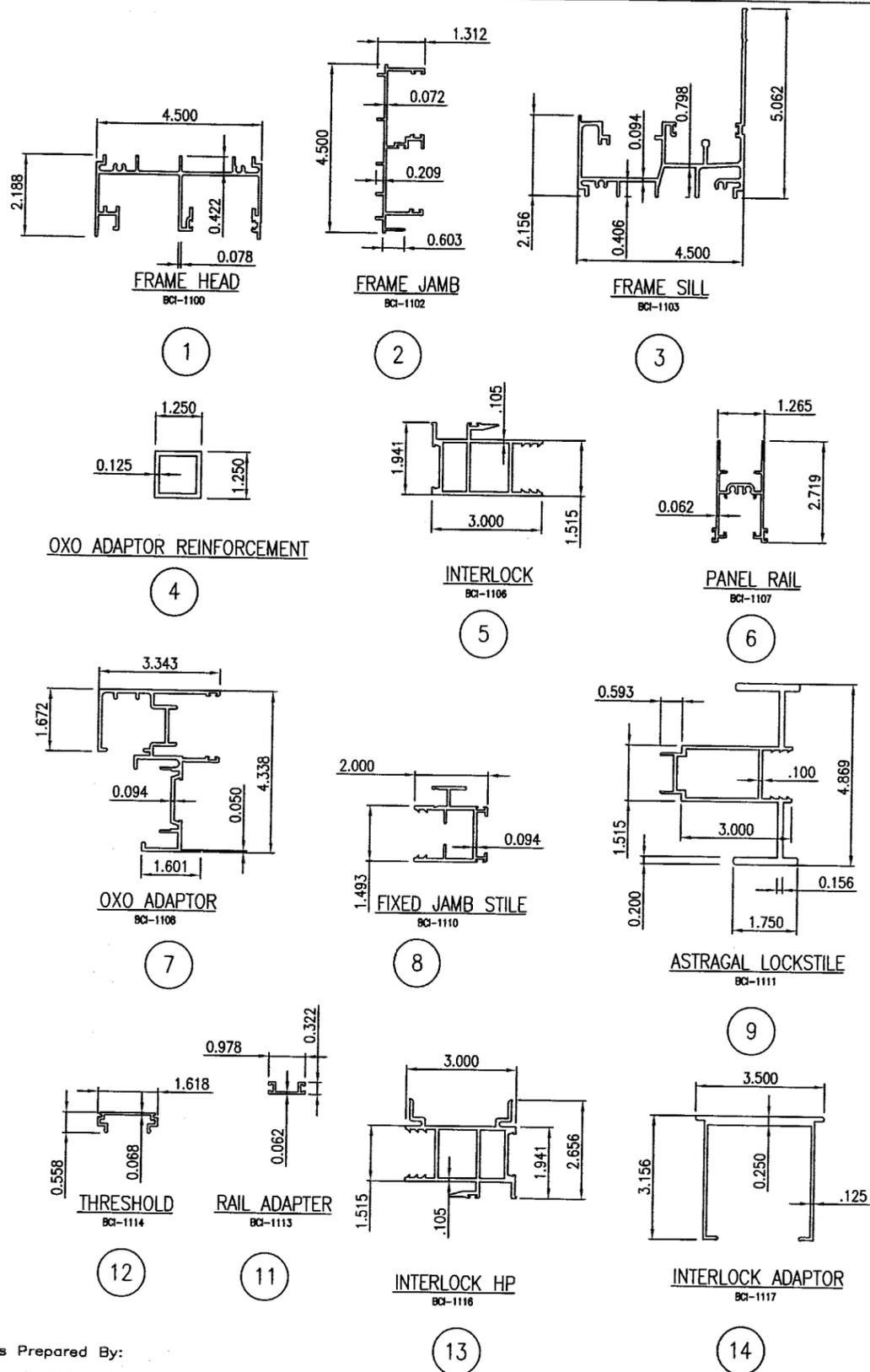
TAS 201-202-203  
SMALL IMPACT TEST

SLIDING GLASS DOOR

Approved as complying with the  
Florida Building Code  
Date JUNE 9, 2005  
NGAP 04-0122-02  
Miami Dade Product Control  
Division  
By *Manuel Perez*

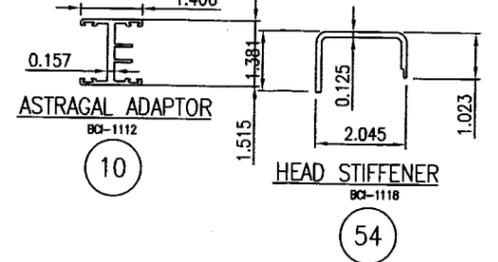
ITEM: OXXO SECTIONS  
FILE#: OXXO-SMI  
SHEET#: 4 OF 7





### Bill of Materials (Small Missile Impact)

Item#	Part#	Description	Material	Manufacturer/Supplier/Comments	U/M	OX	XO	OXO	OXOX
1	BCI-1100	FRAME HEAD	6063-T6		EA	1	1	1	
2	BCI-1102	FRAME JAMB	6063-T6		EA	1L/1R	2	2	
3	BCI-1103	FRAME SILL	6063-T6		EA	1	1	1	
4		OXO ADAPTOR REINFORCEMENT 1.25"x1.25"x.125" STEEL	STEEL		EA	0	1	0	
5	BCI-1106	INTERLOCK STILE	6063-T6		EA	1	1	2	
6	BCI-1107	TOP & BOTTOM RAIL	6063-T6		EA	4	6	8	
7	BCI-1108	OXO ADAPTOR	6063-T6		EA	0	1	0	
8	BCI-1110	FIXED JAMB STILE	6063-T6		EA	1	3	2	
9	BCI-1111	ASTRAGAL LOCKSTILE	6063-T6		EA	0	1	2	
10	BCI-1112	ASTRAGAL ADAPTOR	6063-T6		EA	0	1	1	
11	BCI-1113	RAIL ADAPTOR	6063-T6		EA	4	6	8	
12	BCI-1114	THRESHOLD	6063-T6		EA	1	1	1	
13	BCI-1116	INTERLOCK STILE - HP	6063-T6		EA	1	1	2	
14	BCI-1117	INTERLOCK STILE ADAPTOR	6063-T6		EA	1	1	2	
15	FAB-CL01	ANCHOR CLIP - 2 X 3 X 3/16" ALUM. ANGLE (1" LG.)	6063-T6		EA	1	1	2	
18	FAB-ST06	STIFFNER - 1 X 1-1/2 X 1/8" ALUM. ANGLE (24" LG.)	6063-T6		EA	2	4	4	
19	FB1003402	#10 X 3/4" PH,SSSMS,TEK (HP ADAPTOR)			EA	4	4	8	
19A	FB1011402	#10 X 1-1/4" PH,SSSMS,TEK (ANCHOR CLIPS)			EA	8	16	16	
20	FB1010003	#10 X 1-1/2" PH, SSSMS,TEK (ASTRAGAL ADAPTOR & OXO CLIPS)			EA	0	12	8	
21	FB1011401	#10 X 1-1/4" PH, SSSMS, T/AB, (PANEL ASS'Y)			EA	16	24	32	
22	FB1010001	#10 X 1" #2PPH, SSSMS, T/AB (FRAME ASS'Y)			EA	8	8	8	
23	FB1411401	#12 X 1" PPH			EA	AR	AR	AR	
24-XX	FB14	PERIMETER ANCHORS (SEE ANCHOR SCHEDULE, SHEET 2 OF 4)			EA	AR	AR	AR	
25	FB0805001	#8-32 X 1/2" PH, MS, T/F (ROLLER INSTALLATION)			EA	2	2	4	
26	FB0505002	#8 X 1/2" PH, SMS, TEK (FIXED PANEL ANCHORING)			EA	3	9	6	
29A	MFAB-RED3	1-1/4" X 1/8" THICK SQUARE ALUM. TUBE	6063-T6		EA	0	1	0	
30	HB001CSS	STAINLESS STEEL TRACK COVER	STAINLESS STEEL	HYGRADE DIE #1 (OR EQUAL)	FT.	AR	AR	AR	
31	1936-4000-2SS	ROLLER ASSY, TANDEM, STAINLESS STEEL	STAINLESS STEEL	BUILDERS HARDWARE (OR EQUAL)	EA	2	2	4	
32A	HB003LNK	DEADLATCH LOCK ASSY, NON KEYED, W/ THUMB TURN (OPTIONAL)	STAINLESS/ZAMAK	SASH CONTROL #537SS (OR EQUAL)	EA	1	1	1	
32AK	HB0030KP	KEEPER W/ 2 EA. #10 X 1-1/4" PPH SSSMS (OPTIONAL)	ZAMAK	SASH CONTROL #2264 (OR EQUAL)	EA	1	1	1	
32B	HB004LNK	FLUSH LOCK ASSY, NON KEYED (OPTIONAL)	ZAMAK	DECO #7142 (OR EQUAL)	EA	1	1	1	
32BK	HB0040KP	KEEPER W/ 2 EA. #8 X 1" PPH SMS (OPTIONAL)	ZAMAK	DECO #713010E1 (OR EQUAL)	EA	1	1	1	
33.1	VB011GBLA	9/16" GLAZING GASKET	PVC	TEAM PLASTICS (OR EQUAL)	FT.	AR	AR	AR	
-----DO NOT USE-----									
34	WBS170SF	.210 X .170 SINGLE FIN WEATHERSTRIP	PILE W/ FIN	ULTRA FAB (OR EQUAL)	FT.	AR	AR	AR	
35	WBS160SF	.210 X .160 PILE WEATHERSTRIP	PILE	ULTRA FAB (OR EQUAL)	FT.	AR	AR	AR	
-----DO NOT USE-----									
37	WB0189PA	.55 X 1.89 X 1.25" LG. DUST PLUG	PILE W/ FIN	ULTRA FAB (OR EQUAL)	EA	2	2	2	
38	WB0075PA	.55 X 0.75 X 1.25" LG. DUST PLUG	PILE W/ FIN	ULTRA FAB (OR EQUAL)	EA	2	2	2	
39	VB008PGB	MOVING PANEL GUIDE	POLYETHYLENE	TEAM PLASTICS (OR EQUAL)	FT.	AR	AR	AR	
40	VB021BBL	SETTING BLOCK 5/16" X 11/16" X 2" LG.	NEOPRENE	GLAZING RUBBER PRODUCTS (OR EQUAL)	EA	4	6	6	
41	VB009BBL	DOOR BUMPER X 4-3/4" LG (PVC)	PVC	TEAM PLASTICS (OR EQUAL)	EA	1	1	1	
42	SB001FCO	FOAM PLUG, CLOSED CELL, 1-1/4" X 2-1/4" X 1-1/2" (HEAD)	NEOPRENE	TOM BROWN & ASSOCIATES (OR EQUAL)	EA	1	2	2	
43	SB002FOA	FOAM BAFFLE, OPEN CELL, 5/8" SQUARE X 2" PSA ONE SIDE	30 PPI FOAM	TOM BROWN & ASSOCIATES (OR EQUAL)	EA	4	4	4	
44	SB003FCA	FOAM PLUG, CLOSED CELL, 1-3/4" SQ. X 1/2" W/ PSA ONE SIDE	SPONGE	TOM BROWN & ASSOCIATES (OR EQUAL)	EA	2	0	0	
45	SM 5504	SEALANT, NARROW JOINT	ACRYLIC	SCHNEE MOREHEAD (OR EQUAL)	OZ.	AR	AR	AR	
46	SPECTREM 2	PERIMETER SEALANT	SILICONE	TREMCO (OR EQUAL)	OZ.	AR	AR	AR	
-----DO NOT USE-----									
48	SB007S01	SEALANT, GASKET	ACRYLIC	SCHNEE MOREHEAD (OR EQUAL)	OZ.	AR	AR	AR	
51	FAB-ST09	1/2" X 4" STEEL BAR	PRIMED STEEL		EA	1	1	2	
52	HB006SCC	SNAP ON SCREW COVER CAP	PLASTIC	OUTWATER PLASTICS (OR EQUAL)	EA	AR	AR	AR	
-----DO NOT USE-----									
54	BCI-1118	STIFFNER - 1/8" ALUM STIFFENER (24" LG.)	6063-T6		EA	1	2	3	
55	FAB-ST04	STIFFNER - 1 X 2 X 1/8" ALUM. ANGLE (24" LG.)	6063-T6		EA	1	2	2	
56	FAB-ST07	STIFFNER - 1 X 1 X 1/8" ALUM. ANGLE (24" LG.)	6063-T6		EA	0	0	1	



AR = AS REQUIRED, QUANTITIES BY DOOR SIZE  
 ALL VIEWS FROM THE EXTERIOR  
 SEE SHEETS OXOX-SMI-01 & 02 FOR ELEVATIONS  
 SEE SHEETS OXOX-SMI-03, 04 & 05 FOR DETAILS

**SUNDOR "1000" 4-PANEL**  
**SUN METALS SYSTEMS, INC.**  
 5140 W. CLIFTON STREET (813) 886-0666  
 TAMPA, FLORIDA 33634 (813) 881-0812 (Fax)

TAS 201-202-203  
 SMALL IMPACT TEST  
 SLIDING GLASS DOOR

Scale: 3/8"=1'-0"  
 Date: 2/14/03  
 Drawn: JU  
 Checked: ECV

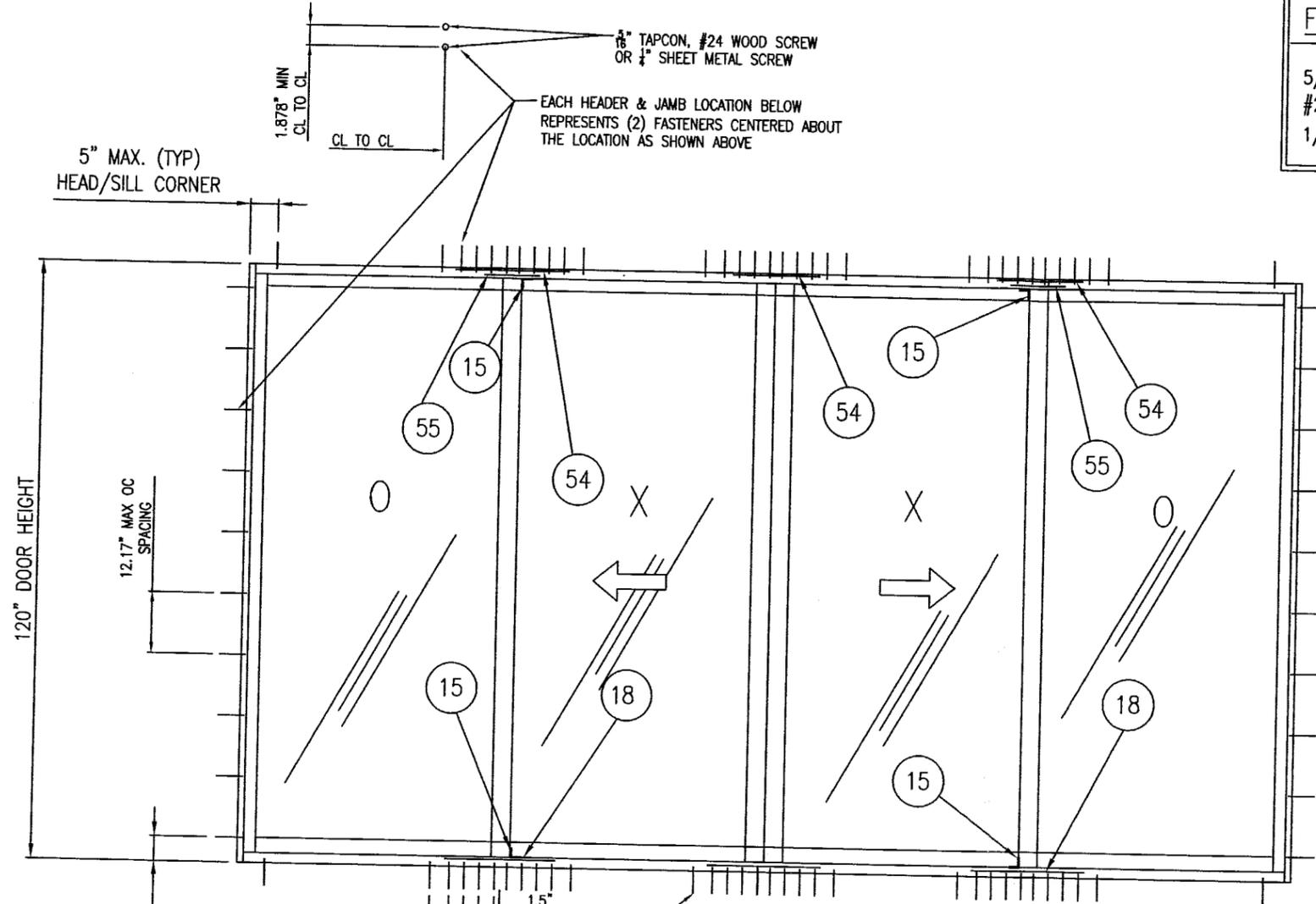
05/20/05  
 04/12/05  
 Rev. Date  
 Rev. By  
 Rev. Notes

Approved as complying with the  
 Florida Building Code  
 Date: JUNE 9, 2005  
 NOA# 04-0122.02  
 Miami Dade Product Control  
 Division  
 By: Manuel Diaz

ITEM: DIES/B.O.M.  
 FILE#: OXOX-SMI  
 SHEET#: 6 OF 7

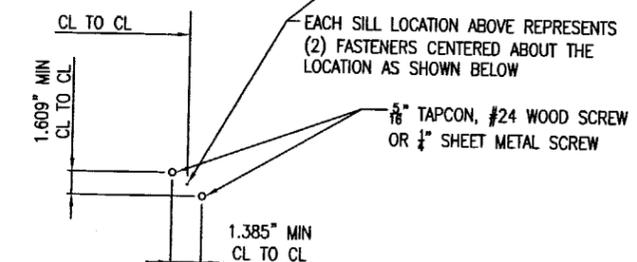
Documents Prepared By:  
**RW** BUILDING CONSULTANTS, INC.  
 P.O. Box 230 Valrico FL. 33595  
 Phone No.: 813.659.9197  
 Florida Board of Professional Engineers  
 Certificate Of Authorization No. 9813  
Wendell W. Honey 5/20/05  
 Wendell W. Honey, P.E. No. 54158

TYPICAL JAMB & HEADER ANCHOR LOCATION HOLE LAYOUT



**FASTENER OPTIONS**

5/16" DIAMETER ELCO TAPCONS  
 #24g (3/8" DIAMETER) WOOD SCREWS  
 1/4" SHEET METAL SCREW



TYPICAL SILL ANCHOR LOCATION HOLE LAYOUT

(NOTE THAT THE HOLES ARE STAGGERED IN THE SILL TO MAINTAIN MINIMUM CL TO CL DIMENSIONS FOR FASTENERS) SIMILAR ARRANGEMENT APPLIES TO TWO AND THREE PANELS CONFIGURATIONS

- NOTES:**
1. ALL ANCHORS ARE DOUBLE ROW.
  2. SILL ANCHOR ROWS ARE STAGGERED TO MAINTAIN MINIMUM FASTENER CENTERLINE DIMENSIONS OF 6 TIMES DIAMETER
  3. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

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**SUNDOR "1000" 4-PANEL**  
 SUN METALS SYSTEMS, INC.  
 5140 W. CLIFTON STREET  
 TAMPA, FLORIDA 33634  
 (813) 886-0666  
 (813) 881-0812 (Fax)

Scale: NTS	2/13/03	2	WWH	CLARIFY OX & OXO ELEV. & SECTIONS	05/20/05
Date:	Drawn: JU	1	WWH	REVISE PER DADE LETTER OF 8/04	04/12/05
Checked: ECV	Rev. Rev. By	#		Revision Notes	Rev. Date
TAS 201-202-203	SMALL IMPACT TEST				
SLIDING GLASS DOOR					

Approved as complying with the Florida Building Code  
 Date **JUNE 9, 2005**  
 NOA# **04-0122-02**  
 Miami Dade Product Control  
 Division  
 By *Manuel Perez*

ITEM: ANCHORING LAYOUT  
 FILE#: OXXO-SMI  
 SHEET#: 7 OF 7