



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

Starline Industries, Inc.
4206 Shannon Drive
Baltimore, Maryland 21213

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 "250" Aluminum Sliding Glass Door w/ Reinforcement-LMI

APPROVAL DOCUMENT: Drawing No.245, titled "Series 250 Sliding Glass Door", sheets 1 through 7 of 7, dated 04/21/03 and last revised on 28th June, 2006, prepared by manufacturer, signed and sealed by Allen N. Reeves, 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: Large and 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 **Ishaq I. Chanda, P.E.**



NOA No 04-1202.04

Expiration Date: August 31, 2011

Approval Date: August 31, 2006

Page 1

8/11/06

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **245**, titled "Series 250 Sliding Glass Door", sheets 1 through 7 of 7, dated 04/21/03 and last revised on 28th June, 2006, prepared by manufacturer, signed and sealed by Allen N. Reeves, 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) Large 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 and TAS 202-94

along with marked-up drawings and installation diagram of an aluminum sliding door, prepared by Hurricane Test Laboratory, LLC, Test Report No. **HTL-0296-0303-02, 0296-056-02, 0296-0729-03, 0296-1021-03**, dated 03/04-10/24/03, signed and sealed by Vinu J. Abraham, P.E.

C. CALCULATIONS

1. Anchor verification calculations, dated 10/24/06 and revised on 28-06-2006, complying with FBC-2004, prepared, signed and sealed by Allen N. Reeves, P.E.
2. Glazing complies with ASTM E1300-02

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

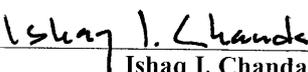
1. Notice of Acceptance No. **05-1208.02** issued to E.I. Dupont DeNemours for "DuPont Butacite ® PVB", expiring on 12/11/10.
2. Notice of Acceptance No. **02-0521.06** issued to Globe Amerada Architectural Glass LLC for "Chem-Temp ® Chemically Strengthened Glass", expiring on 07/18/2007.
3. Notice of Acceptance No. **03-0225.10** issued to GlassLam NGI dba Nebula Glass, Inc. for "Safety Plus II", expiring on 08/07/2008.

F. STATEMENTS

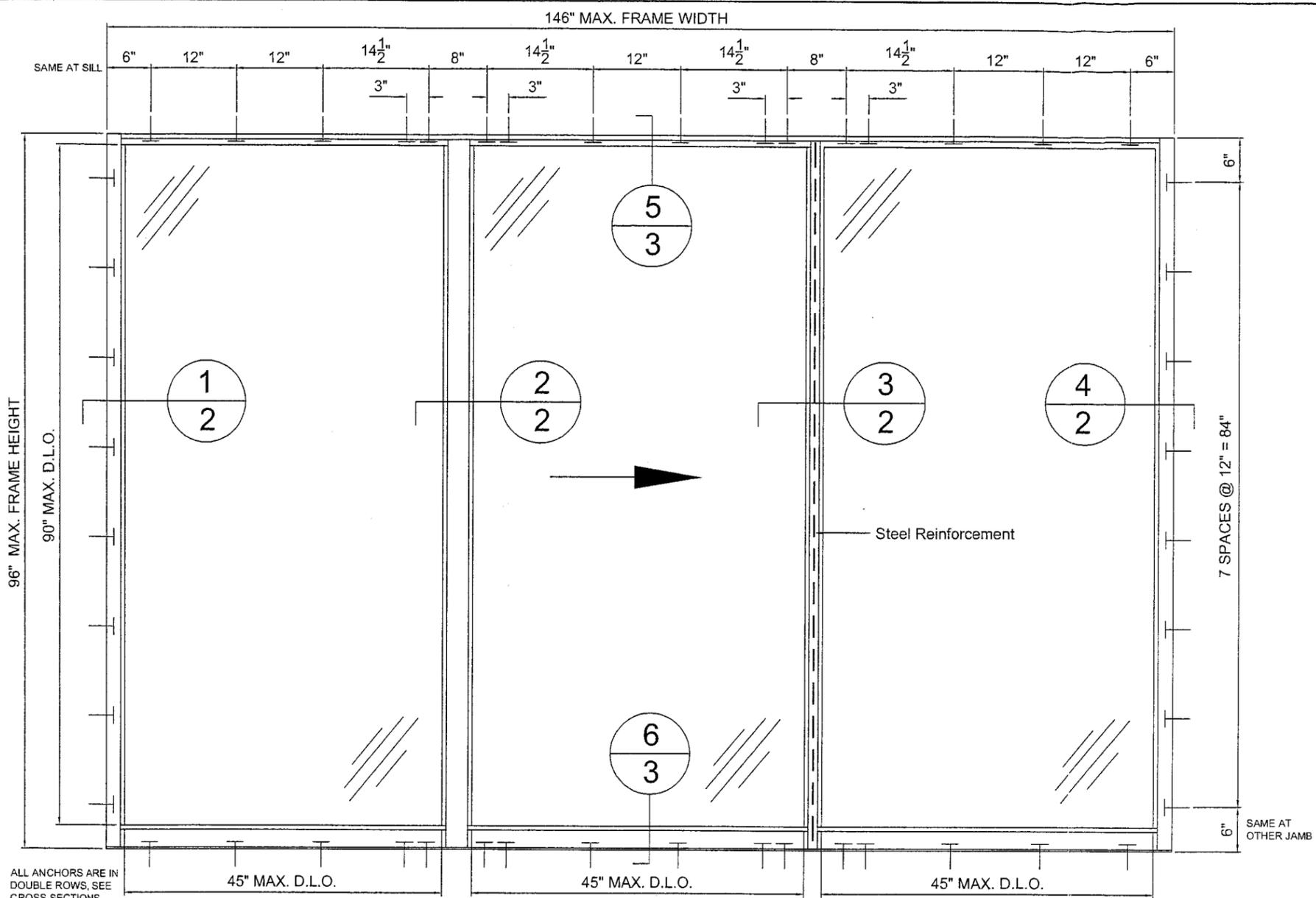
1. Statement letter of conformance and no financial interest, dated 10/15/04, signed and sealed by Allen N. Reeves, P.E.
2. Addendum letter dated Oct 31, 2005 to the test report, issued by HTL, signed & sealed by Vinu J. Abraham, P.E.
3. Statement letter of Lab compliance, as a part of the test report.

G. OTHER.

1. None



Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 04-1202.04
Expiration Date: August 31, 2011
Approval Date: August 31, 2006



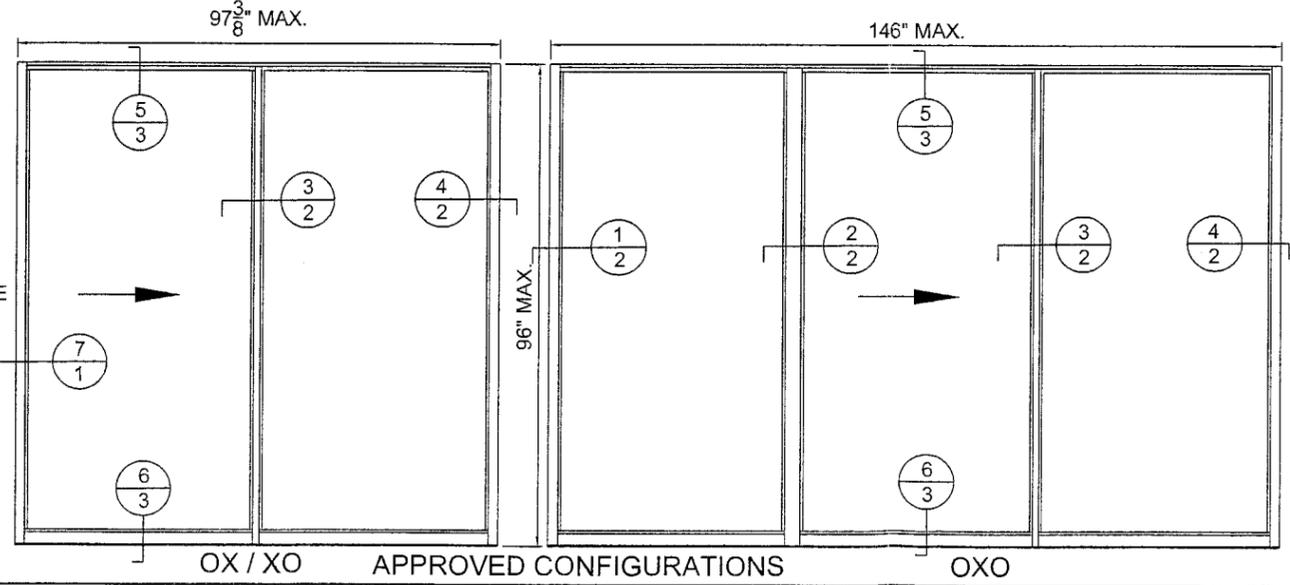
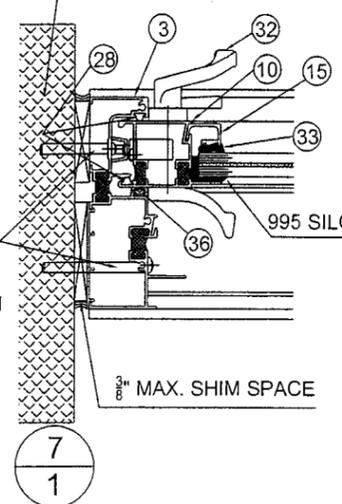
ALL ANCHORS ARE IN DOUBLE ROWS, SEE CROSS SECTIONS

TESTED UNIT (OXO)
DOOR ELEVATION VIEW - EXTERIOR

SEE NOTES FOR TYPES OF SUBSTRATE SHEET 4 OF 7

SEE NOTE FOR INSTALLATION FASTENERS SHEET 4 OF 7

SEE ELEVATION VIEW FOR SPACING SHEET 1 OF 7



DESIGN PRESSURE RATING (GLAZING TYPE A) 0.59" OVERALL LAMINATED GLASS CONSISTING OF: 1/4" ANNEALED GLASS 0.090" SENTRY PLUS DUPONT 1/4" TEMPERED GLASS	
POSITIVE	+65.0 PSF
NEGATIVE	-80.0 PSF
DESIGN PRESSURE RATING (GLAZING TYPE C) 0.6325" OVERALL "WIND PANE" LAMINATED GLASS BY GLOBE AMERADA CONSISTING OF: 1/4" POLY CHEM TEMP. GLASS .035" POLYURETHANE (PE399) .0625" POLYCARBONITE (G.E. LEXAN) .035" POLYURETHANE (PE399) 1/4" POLY CHEM TEMP. GLASS	
POSITIVE	+65.0 PSF
NEGATIVE	-80.0 PSF
DESIGN PRESSURE RATING (GLAZING TYPE B) 1 1/16" OVERALL TEMPERED LAMINATED INSULATED GLASS CONSISTING OF: 3/16" TEMPERED GLASS .090" SAFETY PLUS 2 INTERLAYER (GLASSLAM NUI Inc) 3/16" TEMPERED GLASS 3/16" AIR SPACE 3/16" TEMPERED GLASS	
POSITIVE	+65.0 PSF
NEGATIVE	-80.0 PSF

STARLINE INDUSTRIES, Inc.
4206 Shannon Drive
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Baltimore, MD 21213
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REVISION		
LEVEL	DATE	BY
1	12/2/05	CB
2	2/6/06	CB
3	5/3/06	SD

**SERIES 250
SLIDING GLASS DOOR**

Approved as complying with the
Florida Building Code
Date AUG 31, 2006
NOA# 04-1202-04
Miami Code Product Control
Division
By Glen J. Chaudh

DWG. Number:	245
Date:	4/21/03
Drawn By:	KAH
Checked By:	ANR
Sheet:	1 OF 7

Allen N. Reun
28 JUNE 2006

SEE NOTES FOR TYPES OF SUBSTRATE SHEET 4 OF 7

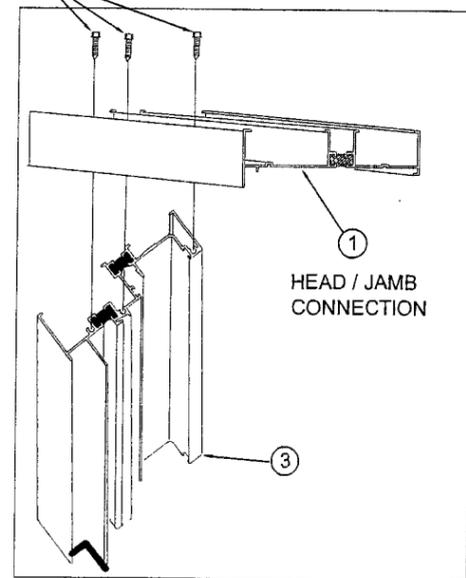
1 1/4" Minimum embedment into Concrete

SEE NOTE FOR INSTALLATION FASTENERS SHEET 4 OF 7

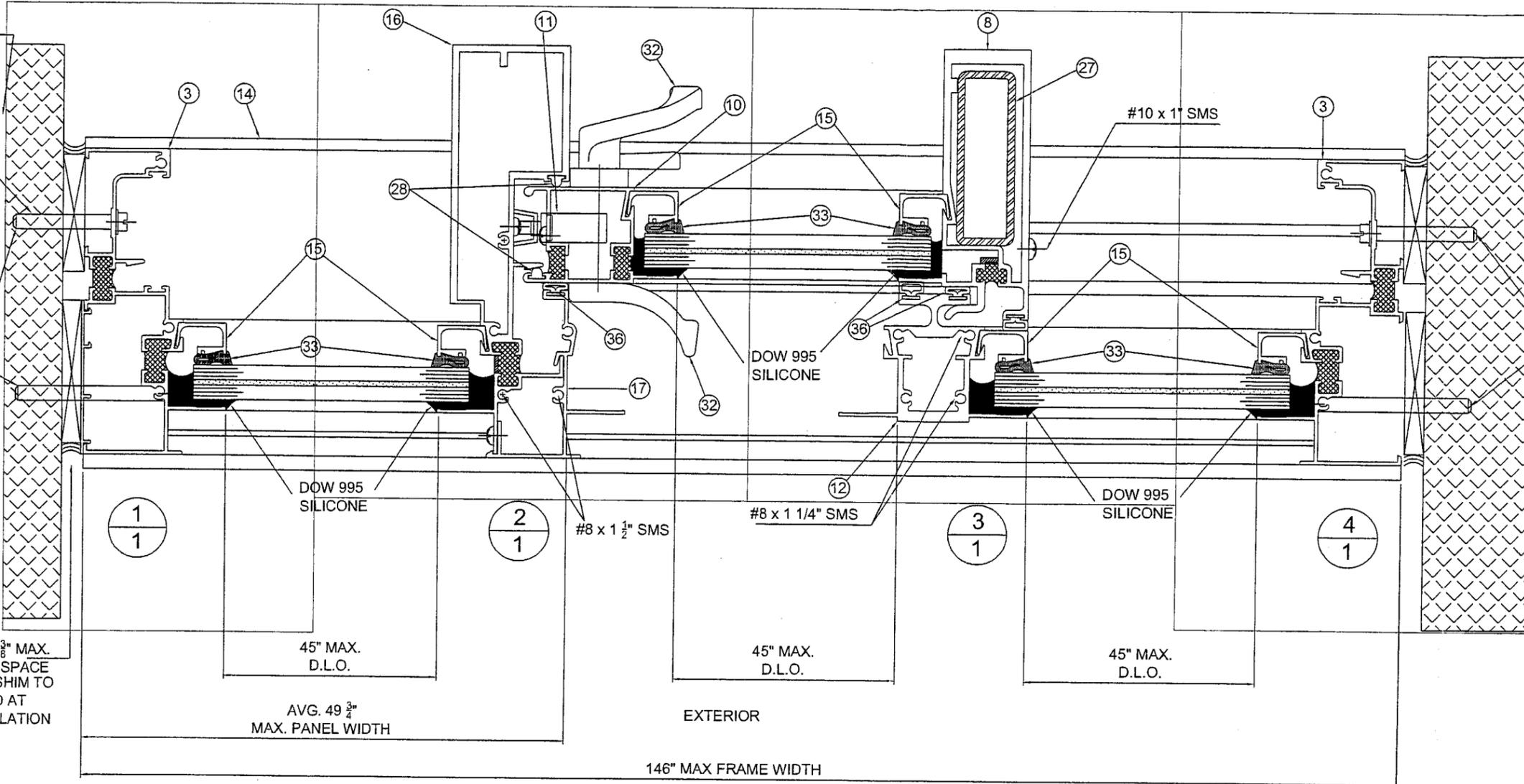
SEE ELEVATION VIEW FOR SPACING SHEET 1 OF 7

3/8" MAX. SHIM SPACE STIFF RIGID SHIM TO BE PROVIDED AT EACH INSTALLATION FASTENER

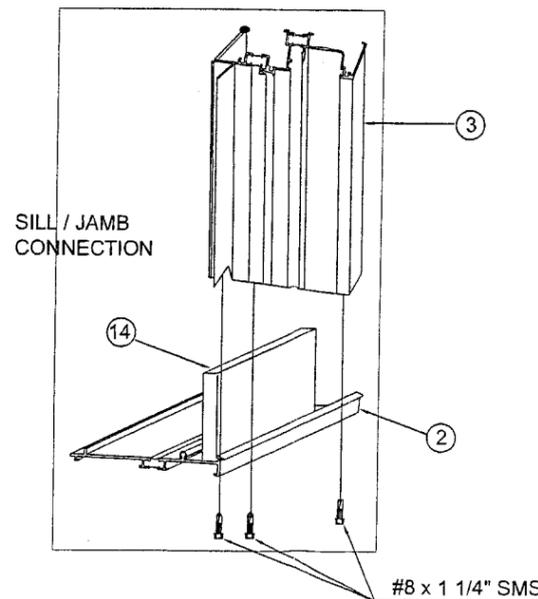
#8 x 1 1/4" SMS



INTERIOR



HORIZONTAL CROSS SECTION (OXO)



Approved as complying with the Florida Building Code
 Date Aug 31, 2006
 NOA# 04-1202.04
 Miami Dade Product Control Division
 By Shayl Chaudhry

Allen N. Reuser
 28 JUNE 2008

STARLINE INDUSTRIES, Inc.

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LEVEL	REVISION	DATE	BY
1		12/2/05	CB
2		2/6/06	CB
3		5/3/06	SD

SEE NOTE FOR INSTALLATION FASTENERS SHEET 4 OF 7

SEE ELEVATION VIEW FOR SPACING SHEET 1 OF 7

SERIES 250
 SLIDING GLASS DOOR

DWG. Number: 245

Date: 4/21/03

Drawn By: KAH

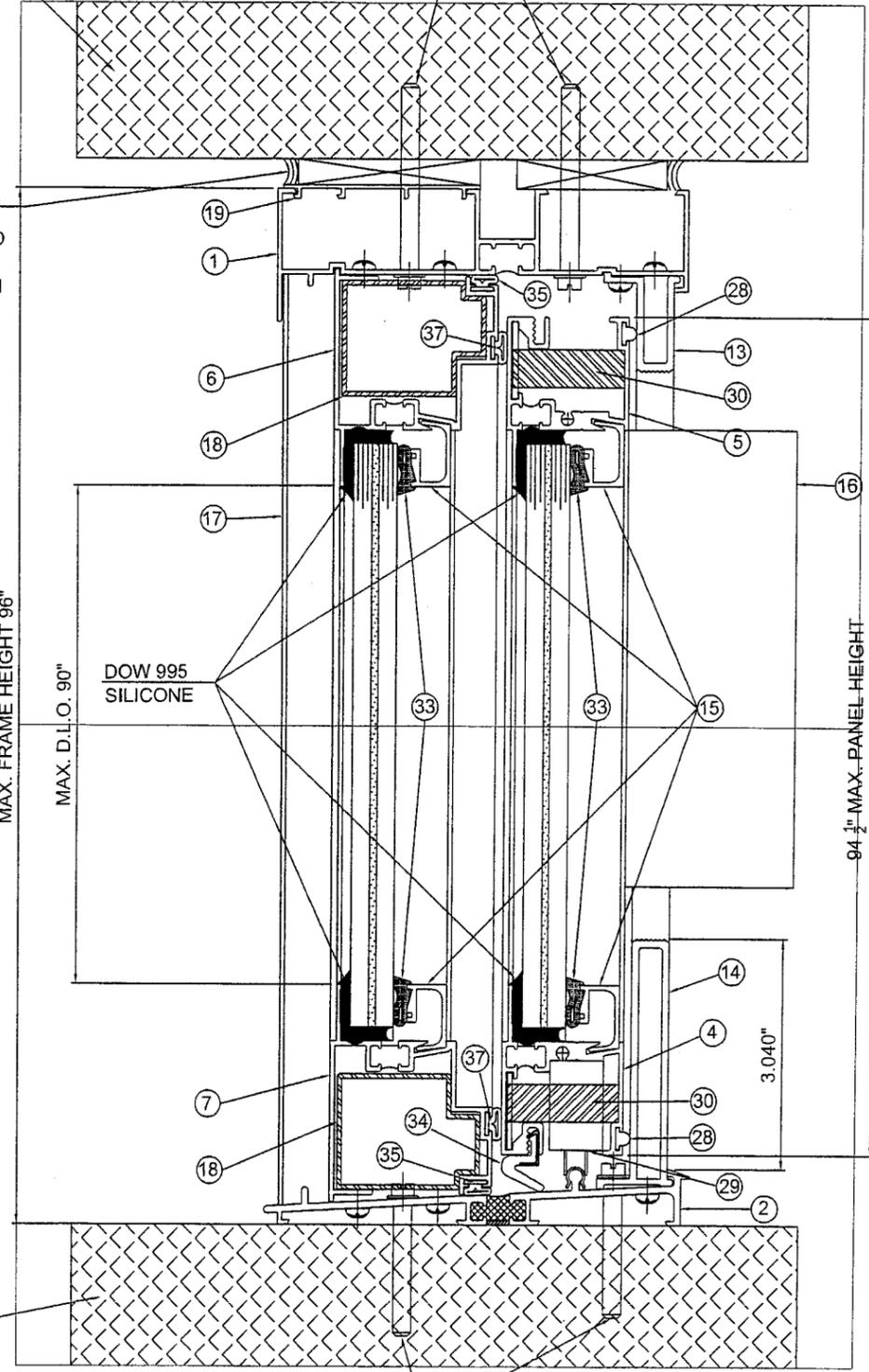
Checked By: ANR

Sheet: 2 OF 7

SEE NOTES FOR TYPES OF SUBSTRATE SHEET 4 OF 7

SEE NOTE FOR INSTALLATION FASTENERS SHEET 4 OF 7
SEE ELEVATION VIEW FOR SPACING SHEET 1 OF 7

3/8" MAX. SHIM SPACE STIFF RIGID SHIM TO BE PROVIDED AT EACH INSTALLATION FASTENER

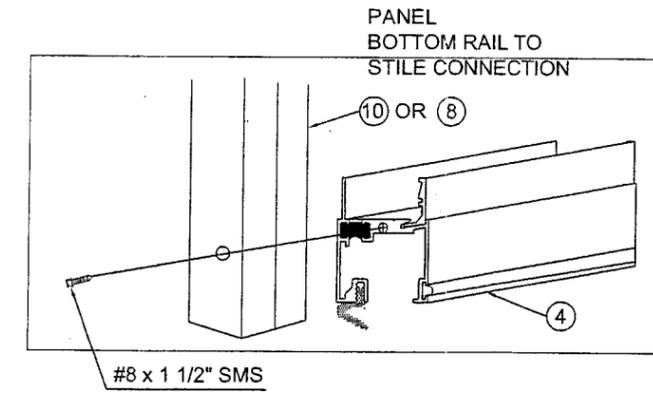
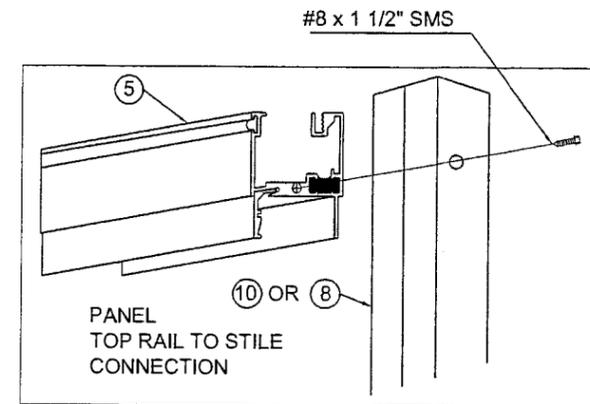


5
1

6
1

VERTICAL CROSS SECTION

SEE NOTE FOR INSTALLATION FASTENERS SHEET 4 OF 7
SEE ELEVATION VIEW FOR SPACING SHEET 1 OF 7



Approved as complying with the Florida Building Code
Date AUG 31, 2006
NOA# 04-1202-04
Miami Dade Product Control Division
By [Signature]

STARLINE INDUSTRIES, Inc.
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REVISION		
LEVEL	DATE	BY
1	12/2/05	CB
2	2/6/06	CB
3	5/3/06	SD

**SERIES 250
SLIDING GLASS DOOR**

DWG. Number:	245
Date:	4/21/03
Drawn By:	KAH
Checked By:	ANR
Sheet:	3 OF 7

Allen N. Reeves
28 JUNE 2006

BILL OF MATERIALS

ITEM	NAME	PART NO.	ALLOY/TEMPER	COMMENTS
1	HEAD	200	6063-T5	SWP-603.8
2	SILL	201	6063-T5	SWP-603.8
3	JAMB	202	6063-T5	SWP-603.8
4	BOTTOM OPERATING RAIL	203	6063-T5	SWP-603.8
5	TOP OPERATING RAIL	203	6063-T5	SWP-603.8
6	TOP FIXED RAIL	204	6063-T5	SWP-603.8
7	BOTTOM FIXED RAIL	204	6063-T5	SWP-603.8
8	ROLL INTERLOCK STILE	223	6063-T5	SWP-603.8
9	OXO FIXED MEETING RAIL	224 /208	6063-T6 / T5	SWP-603.8
10	ROLL LOCK STILE	210	6063-T5	SWP-603.8
11	DEADLATCH ASSEMBLY	HW-2617	STAINLESS STEEL	SASH CONTROLS / BSI
12	FIXED MEETING RAIL	220	6063-T5	SWP-603.8
13	HEAD ADAPTER	205	6063-T5	SWP-603.8
14	15# SILL ADAPTER	215	6063-T5	SWP-603.8
15	9/16" GLAZING BEAD	237	6063-T5	SWP-603.8
16	OXO IMPOST INTERIOR	224	6063-T6	PART OF ITEM 9
17	OXO IMPOST EXTERIOR	208	6063-T5	PART OF ITEM 9
18	SBCCI FIXED RAIL INSERT	225	6063-T6	SWP-603.8
19	CAULK STOP	226	6063-T5	SWP-603.8
20	O	O	O	O
21	O	O	O	O
22	O	O	O	O
23	O	O	O	O
24	O	O	O	O
25	O	O	O	O
26	O	O	O	O
27	3" X 1" X 1/8"		A500 GRADE B	STEEL TUBE
28	ROLL PANEL GUIDE	WS-2508	RIDGID VINYL	PROTOTYPE PLASTICS
29	ROLLER ASSEMBLY	HW-1605	STAINLESS STEEL	TRUTH HARDWARE / BSI
30	.5 X 1.5 ALUMINUM BAR	221	6063-T5	SWP-603.8
31	SETTING BLOCK "A" & "C"	1535	80/90 DURO RUBBER	1/8" X 5/8" X 2"
31	SETTING BLOCK TYPE "B"	1536	80/90 DURO RUBBER	1/8" X 1 1/4" X 2"
32	PULL HANDLE - EXTERIOR	2057	ZINC CASTING	SASH CONTROLS / BSI
32	PULL HANDLE - INTERIOR	2193	ZINC CASTING	SASH CONTROLS / BSI
33	GLAZING WEDGE	A/R	70 DURO EPDM	TREMCO POLYWEDGE
34	SILL SEAL GASKET	WS-2507	Q-LON	SCHLEGEL
35	LARGE BULB	WS-2506	SANIOPRENE	INTEK PLASTICS
36	MEDIUM BULB	WS-2505	SANIOPRENE	INTEK PLASTICS
37	SMALL BULB	WS-2504	SANIOPRENE	INTEK PLASTICS
38	GLZ BEAD INSULATED GLASS	206	6063-T5	SWP-603.8

ANCHOR NOTES

TYPES OF SUBSTRATE

- WOOD FRAME
- STEEL
- MASONARY BLOCK
- CONCRETE

INTALLATION FASTENERS

- WOOD FRAME: #14 (1/4" DIAMETER) WITH 2 1/2" MINIMUM ENGAGEMENT (EITHER 2 (2X) OR 2 1/2" MINIMUM SOLID WOOD, AT HEAD 4" LONG, AT SILL 3" LONG AT JAMBS 4" & 3" LONG; MINIMUM 0.975" EDGE DISTANCE AND SPACING.
- STEEL: #14 (1/4" DIAMETER) SELF DRILLING SCREWS (MINIMUM Fy=92 KSI) INTO MINIMUM 0.0451" (18 GAGE) STEEL (MINIMUM Fy=36 KSI) AT HEAD 2 1/2" LONG, AT SILL 1 1/2" LONG, AT JAMBS 2 1/2" AND 1 1/2" LONG, MINIMUM 3/4" EDGE DISTANCE.
- MASONARY BLOCK & CONCRETE: 1/2" DIAMETER ITW TAPCONS WITH 1 1/4" MINIMUM EMBEDMENT, AT HEAD 3 1/4" LONG, AT SILL 2 1/4" LONG, AT JAMBS 3 1/4" & 2 1/4" LONG, MINIMUM 2 1/4" EDGE DISTANCE AND 3" SPACING.

NO ALLOWABLE INCREASE FOR WIND LOAD. DURATION HAS BEEN USED WITH INSTALLATION FASTENERS, WITH THE EXCEPTION OF WOOD WHERE A 1.6 DURATION FACTOR WAS USED.

Approved as complying with the Florida Building Code
 Date: AUG 31, 2006
 NOA# 04-1202-04
 Miami Dade Product Control
 Division
 By: Shay L. Lhanda

Allen M. Reenan
 28 JUNE 2008

STARLINE INDUSTRIES, Inc.
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 P.O. Box 4262
 Baltimore, MD 21213
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 Fax: (410) 483-6204



SERIES 250
 SLIDING GLASS DOOR

REVISION		
LEVEL	DATE	BY
1	12/2/05	CB
2	5/9/06	SD

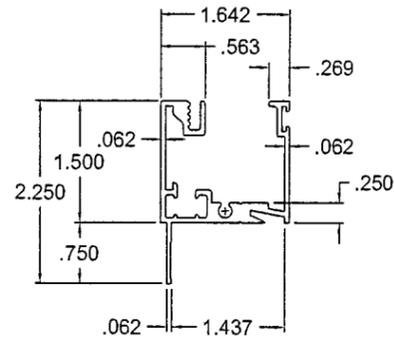
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Date: 4/21/03

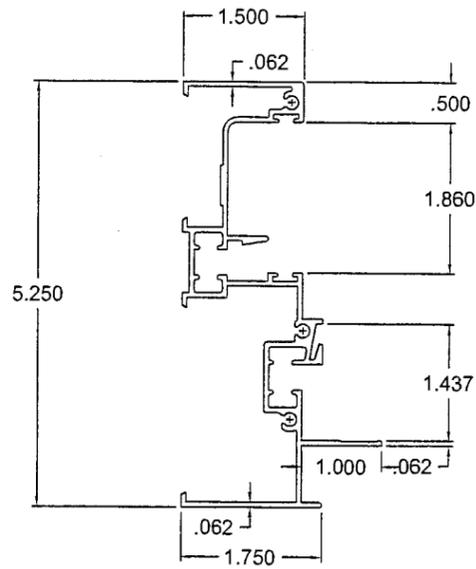
Drawn By: KAH

Checked By: ANR

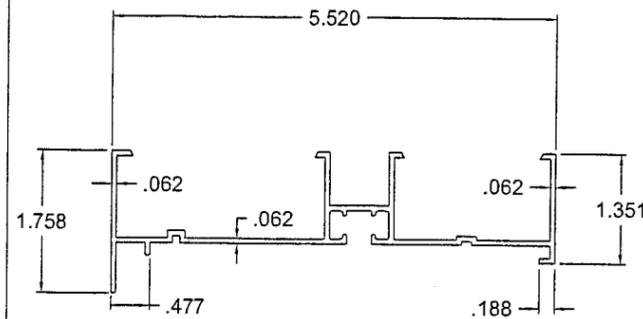
Sheet: 4 OF 7



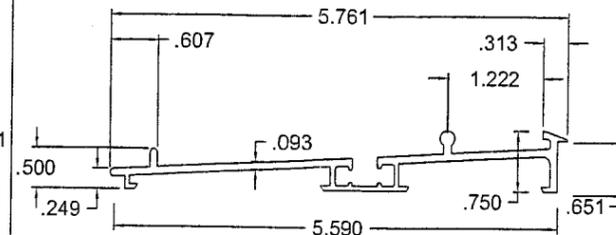
④ BOTTOM OPERATING RAIL REVERSED



③ JAMB

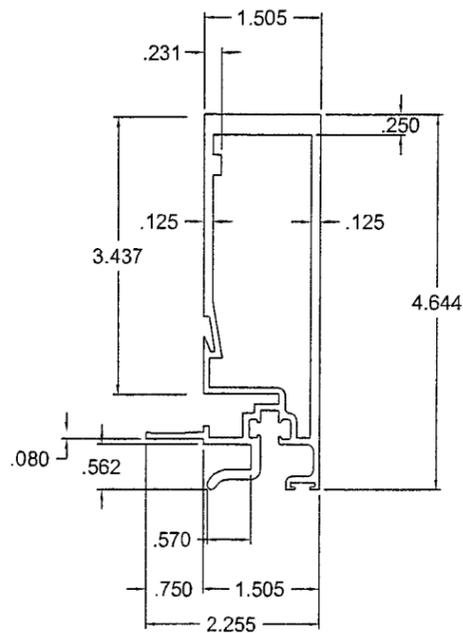


① HEAD

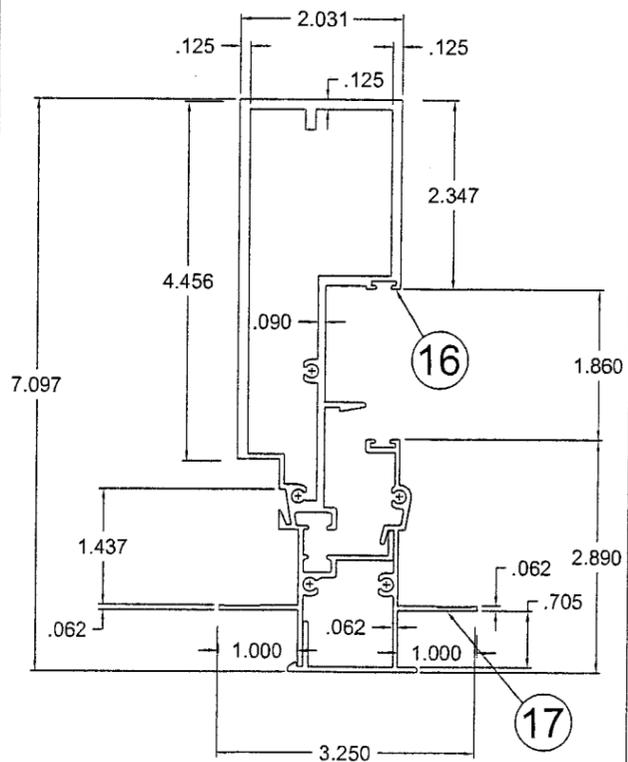


② SILL

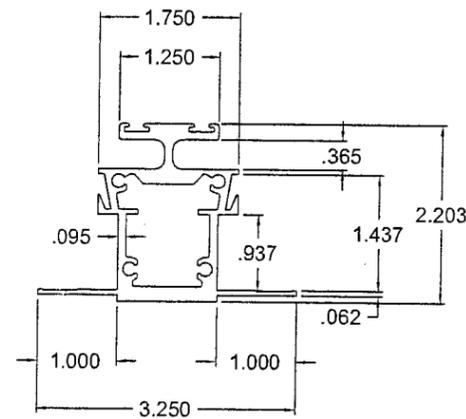
NOTE: ALL DIMENSIONS ON THIS PAGE IN INCHES



⑧ ROLL INTERLOCK STILE



⑨ OXO EXT. MEETING RAIL



⑫ FIXED MEETING RAIL

Approved as complying with the
 Florida Building Code
 Date Aug 31, 2006
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 Miami Dade Product Control
 Division
 By Isabel L. Llanusa

Allen M. Reese
 28 JUNE 2006

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REVISION		
LEVEL	DATE	BY
1	12/2/05	CB
2	5/8/06	SD

SERIES 250
 SLIDING GLASS DOOR

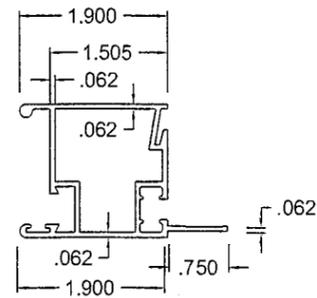
DWG. Number:
245

Date:
4/21/03

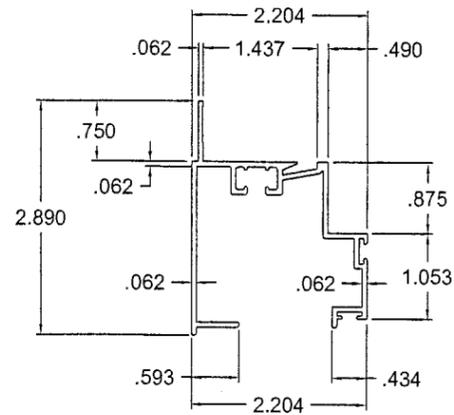
Drawn By:
KAH

Checked By:
ANR

Sheet:
5 OF 7

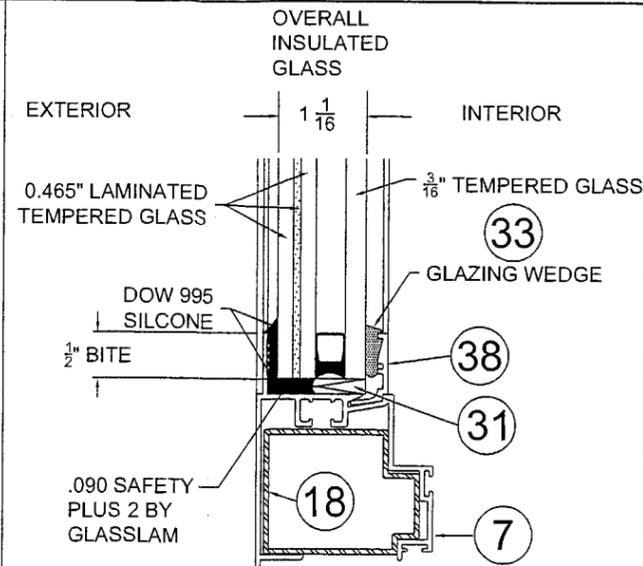


⑩ ROLL LOCK STILE

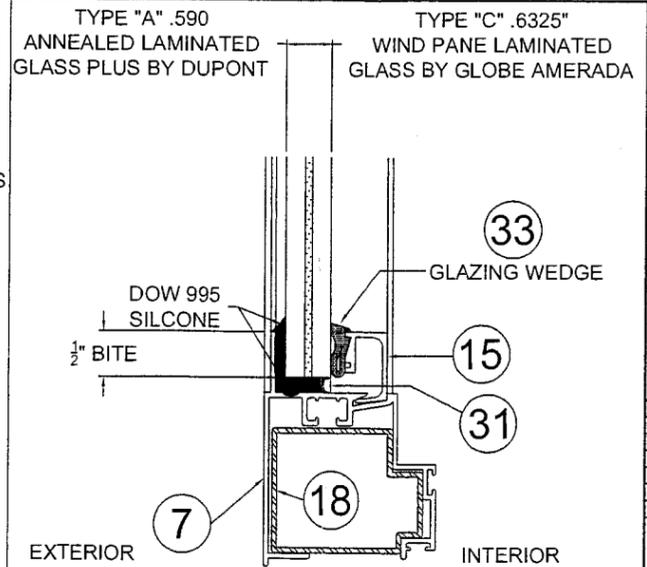


⑦ BOTTOM FIXED RAIL VIEW SHOWN

⑥ TOP FIXED RAIL REVERSED

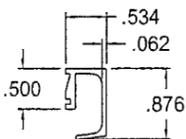


GLAZING DETAIL FOR INSULATED GLASS WITH SAFETY PLUS 2 GLAZING TYPE "B"

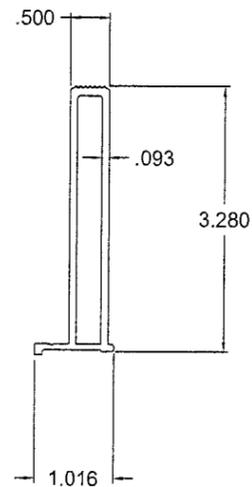


GLAZING DETAIL FOR SINGLE PANE WITH LAMINATED GLASS GLAZING TYPES "A" & "C"

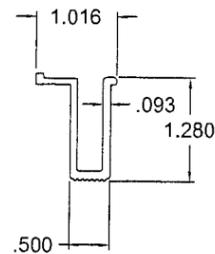
NOTE: ALL DIMENSIONS ON THIS PAGE IN INCHES



⑮ 9/16" GLAZING BEAD

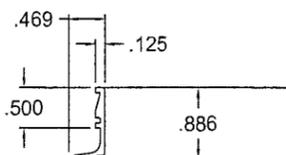


⑭ 15# SILL ADAPTER



⑬ HEAD ADAPTER

Approved as complying with the Florida Building Code
 Date Aug 31, 2006
 NOA# 04-1702-04
 Miami Dade Product Control Division
 By Islay L. Chaudh



⑳ GLAZING BEAD INSULATED GLASS

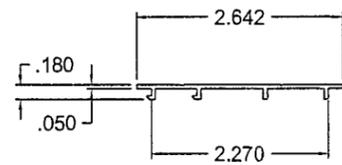
STARLINE INDUSTRIES, Inc.
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REVISION		
LEVEL	DATE	BY
1	12/2/05	CB
2	5/6/06	SD

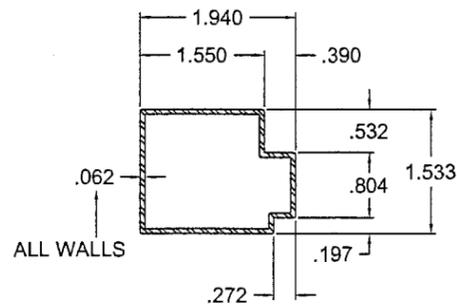
SERIES 250
 SLIDING GLASS DOOR

DWG. Number:	245
Date:	4/21/03
Drawn By:	KAH
Checked By:	ANR
Sheet:	6 OF 7

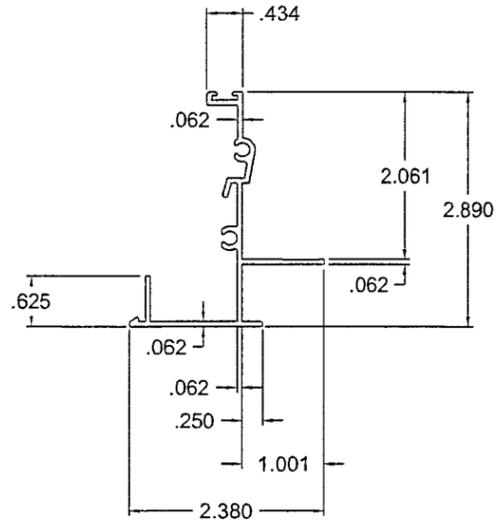
Allen M. Reenan
 28 JUNE 2006



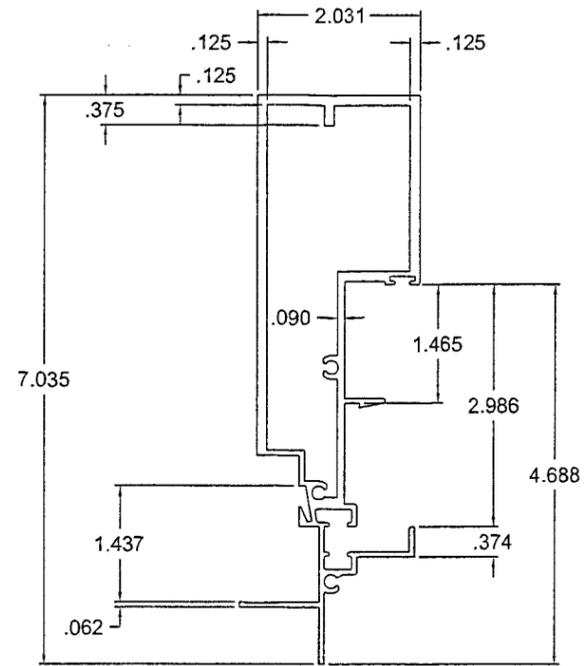
19 CAULK STOP HEAD ONLY



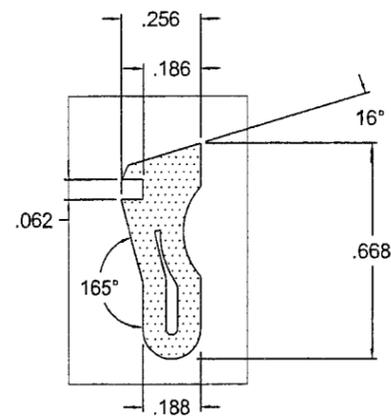
18 SBBCI TUBING



17 OXO IMPOST EXTERIOR

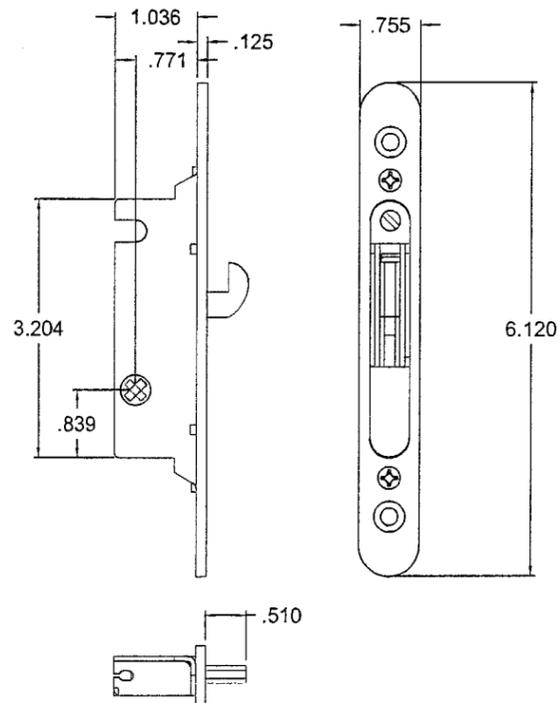


16 OXO IMPOST INTERIOR

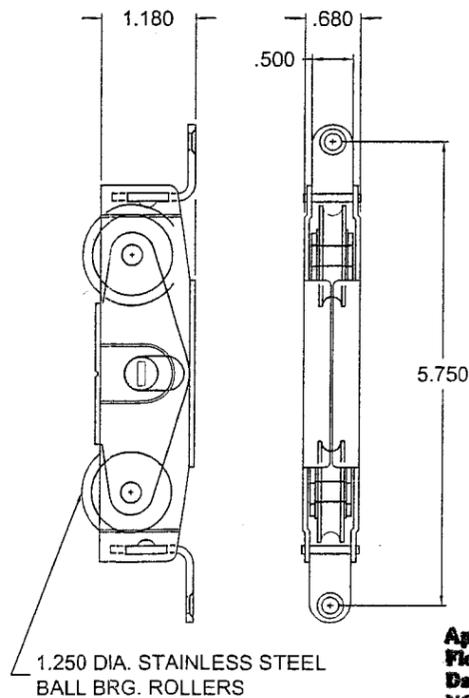


NOTE: SCALE 4:1

33 GLAZING WEDGE



11 DEAD LATCH ASSEMBLY



29 ROLLER ASSEMBLY

NOTE: ALL DIMENSIONS ON THIS PAGE IN INCHES

Approved as complying with the
Florida Building Code
Date AUG 31, 2006
NOA# 84-1202-04
Miami Dade Product Control
Division
By Stacy L. Chanda

Allen M. Reese
28 JUNE 2006

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P.O. Box 4262
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LEVEL	DATE	BY
1	12/2/05	CB
2	5/9/06	SD

SERIES 250
SLIDING GLASS DOOR

DWG. Number:	245
Date:	4/21/03
Drawn By:	KAH
Checked By:	ANR
Sheet:	7 OF 7