



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Anthony, Inc.
12391 Montero Avenue
Sylmar, CA 91342

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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: Component Approval - Series "1950 Lite Kit" Aluminum Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. 06-22303-0000, titled "1950 HVHZ Window", sheets 1 through 6 of 6, dated 06/04/15, with revision C dated 06/29/15, prepared by manufacturer, signed and sealed by Michael A. Robinson, 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 Section.

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, model/series, 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.**



Handwritten signature and date: MP 7/8/15

NOA No. 15-0415.04
Expiration Date: August 13, 2020
Approval Date: August 13, 2015
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **06-22303-0000**, titled "1950 HVHZ4 Window" sheets 1 through 6 of 6, dated 06/04/15, with revision C dated 06/29/15, prepared by manufacturer, signed and sealed by Michael A. Robinson, 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) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
 - 5) Large Missile Impact Test per FBC, TAS 201-94
 - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94along with marked-up drawings and installation diagram of a series/model 1950 aluminum fixed window installed in a 4" thick wall panel, prepared by Intertek / Architectural Testing, Inc., Test Report No. **E5867.01-301-18**, dated 03/24/15, signed and sealed by Tyler Westerling, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC-5th Edition (2014)**, dated 03/11/15 and 6/23/15 with revision on 07/06/15 and 07/27/15, prepared, signed and sealed by Michael A. Robinson, P.E.
2. Glazing complies with **ASTM E1300-04**

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** for their "SentryGlas® (Clear and White) Glass Interlayers" dated 06/25/15, expiring on 07/04/18.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC-5th Edition (2014)**, dated July 30, 2015, issued, signed and sealed by Michael A. Robinson, P.E.
2. Statement letter of no financial interest, dated April 6, 2015, issued, signed and sealed by Michael A. Robinson, P.E.

G. OTHERS

1. None.


Manuel Perez, P.E.
Product Control Examiner

NOA No. 15-0415.04

Expiration Date: August 13, 2020

Approval Date: August 13, 2015

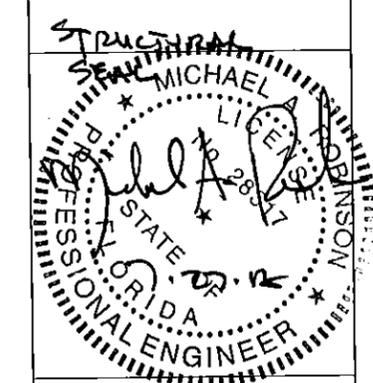
GENERAL NOTES:

7. DOW CORNING 995 SILICONE SEALANT TO BE USED ON ALL SEALANT CALLOUTS INSTALLED AT NOA PANEL MANUFACTURER OR IN FIELD.
6. SCREW FASTENER FOR METAL FRAME: #10 1- $\frac{1}{4}$ " 6" O.C. FROM WITHIN 2" OF CORNER AMBIENT SIDE WINDOW FRAME SCREWED ON INSIDE OF FRAME INSIDE WINDOW FRAME, SCREWED ON OUTSIDE PERIMETER OF FRAME FOR COOLER SIDE OF FRAME. $\frac{5}{16}$ " BEAD OF DOW CORNING 995 SILICONE STRUCTURAL SEALANT TO BE APPLIED TO PERIMETER OF FRAME BOTH SIDES. INSTALLED AT NOA PANEL MANUFACTURER OR IN FIELD.
5. GLASS PACK: HEATED OR NON-HEATED MADE UP OF 4 OF PANES SGU GLASS CONSISTING OF:

<p>HEATED</p> <ol style="list-style-type: none"> 1) $\frac{3}{16}$ TEMPERED GLASS - EXTERIOR (AMBIENT) 2) $\frac{5}{8}$ AIRSPACE CONSISTS OF: $\frac{5}{8}$ SPACER 3) $\frac{1}{8}$ HEATED GLASS 4) 1" AIRSPACE CONSISTS OF: $\frac{5}{16}$ SPACER $\frac{11}{16}$ SPACER 5) LAMINATED GLASS CONSISTS OF: $\frac{3}{16}$ ANNEALED GLASS .090 SENTRYGLAS® BY KURARAY AMERICA INC $\frac{3}{16}$ ANNEALED GLASS 6) 1" AIRSPACE CONSISTS OF: $\frac{1}{2}$ SPACER $\frac{1}{2}$ SPACER 7) $\frac{3}{16}$ TEMPERED GLASS - INTERIOR (COOLER) 	<p>NON-HEATED</p> <ol style="list-style-type: none"> 1) $\frac{3}{16}$ TEMPERED GLASS EXTERIOR (AMBIENT) 2) $\frac{5}{8}$ AIRSPACE CONSISTS OF: $\frac{5}{8}$ SPACER 3) $\frac{1}{8}$ NON-HEATED GLASS 4) 1" AIRSPACE CONSISTS OF: $\frac{1}{2}$ SPACER $\frac{1}{2}$ SPACER 5) LAMINATED GLASS CONSISTS OF: $\frac{3}{16}$ ANNEALED GLASS .090 SENTRYGLAS® BY KURARAY AMERICA INC $\frac{3}{16}$ ANNEALED GLASS 6) 1" AIRSPACE CONSISTS OF: $\frac{1}{2}$ SPACER $\frac{1}{2}$ SPACER 7) $\frac{3}{16}$ TEMPERED GLASS - INTERIOR (COOLER)
---	--
4. OPTION: FRAME HEATED: FRONT ALUMINUM PERIMETER MAY BE HEATED
3. WALL SHALL BE: A MINIMUM 3 $\frac{1}{2}$ " THICK MIAMI-DADE COUNTY APPROVED WALL PANEL COMPOSED OF METAL SKIN AND SOLID WOOD CORE OF A MINIMUM WOOD SPECIE WITH A SPECIFIC GRAVITY OF SG=0.55 AND MAXIMUM OVERALL SIZE OF 47- $\frac{1}{8}$ " x 92- $\frac{1}{8}$ " WITH A MINIMUM PERIMETER STILES AND RAILS WIDTH OF 5- $\frac{1}{2}$ ".
2. LAMINATOR - MUST BE ON MIAMI-DADE COUNTY N.O.A. APPROVED LIST
1. LAMINATOR LABELING MARKS ON LAMINATED GLASS
 - a) MDCA-SENTRY GLASS®
 - b) APPROVED LAMINATOR ID MARK

NOA DRAWING MAP

	SHEET
GENERAL NOTES	1
GLAZING DETAILS	2-3
VERT. SECTIONS	2-3
HORZ. SECTIONS	2-3
ANCORAGE	4
ELEVATIONS	4
EXTRUSIONS	5
CORNER DETAIL	5
PARTS LIST	6



Approved as complying with the Florida Building Code
 Date Aug. 13, 2015
 NOA# 15-0415.04
 Miami Dade Product Control
 By *Manuel J. [Signature]*

DESIGN PRESSURE RATING	IMPACT RATING
+85 PSF, -85 PSF	LARGE & SMALL MISSILE IMPACT

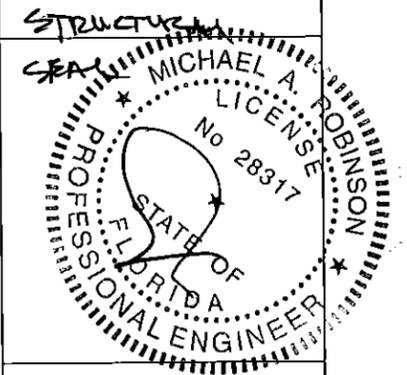
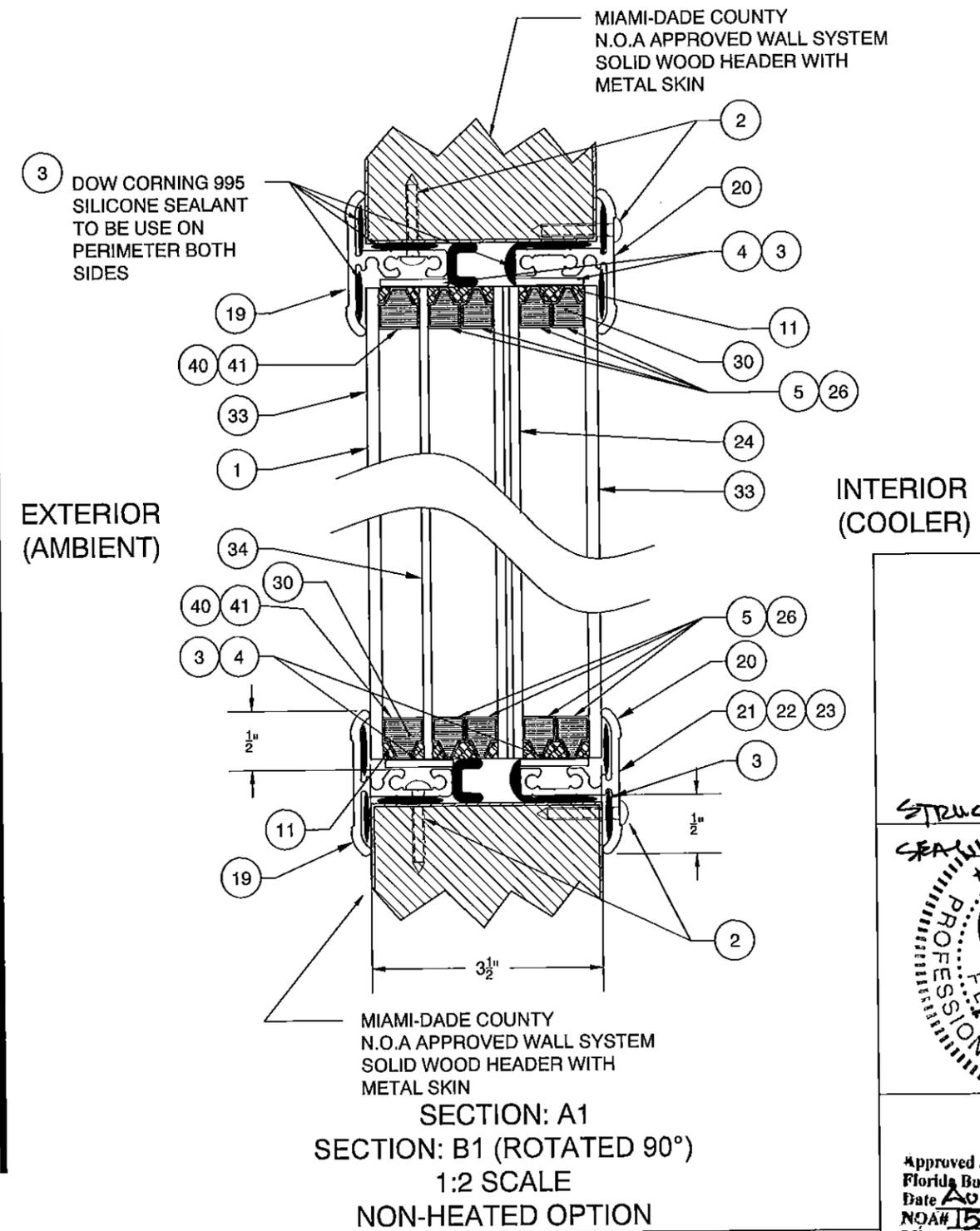
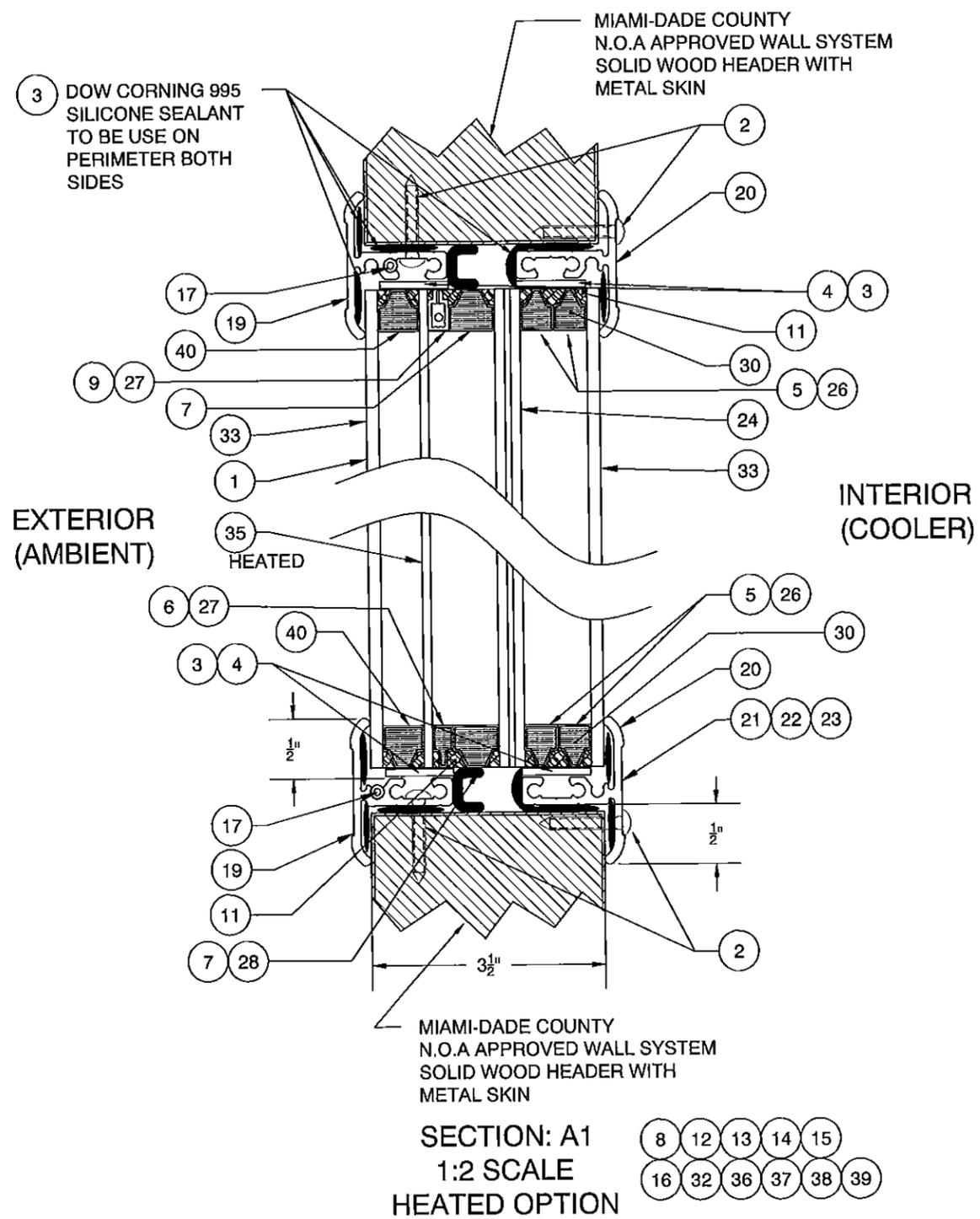
MAX. AREA TESTED
20 SQ. FT.

REVISED BY:	DATE:	REVISION:	
REVISED BY:	DATE:	REVISION:	SEE ECN 14123
G. GODDARD	6-29-15	C	
DRAWN BY:	DATE:	CHECKED BY:	DATE:
CHENEVERT	6-4-15	M. ROLEK	6-10-15

Anthony

12391 MONTERO AVENUE
 SYLMAR, CALIFORNIA 91342
 PHONE: (818) 365-9451
 FAX:
 WEB SITE: www.anthonyintl.com
 E-MAIL: info@anthonyintl.com

TITLE	1950 HVHZ4 WINDOW		
DRAWING NUMBER	06-22303-0000		
MODEL: 1950	SCALE: NTS	SHT. 1 OF 6	REV. C



Approved as complying with the Florida Building Code
 Date Aug. 13, 2015
 NOAH 15-0415-04
 Miami Dade Product Control

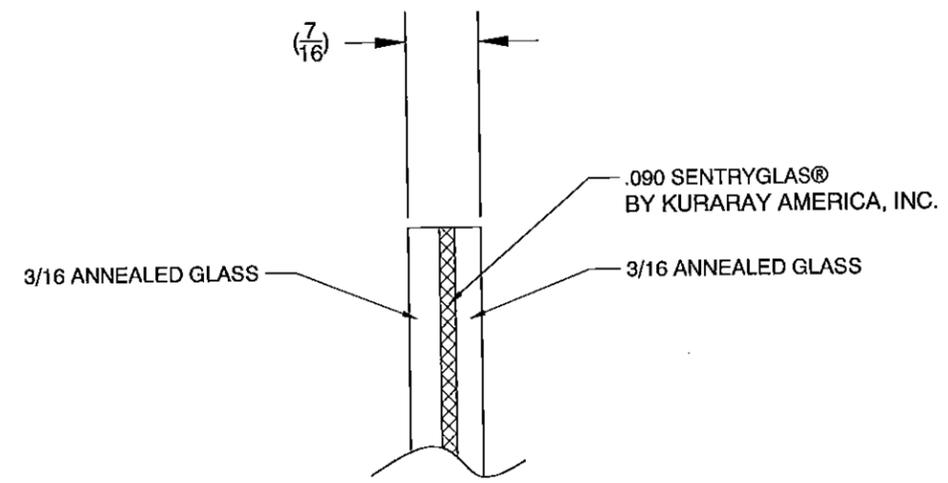
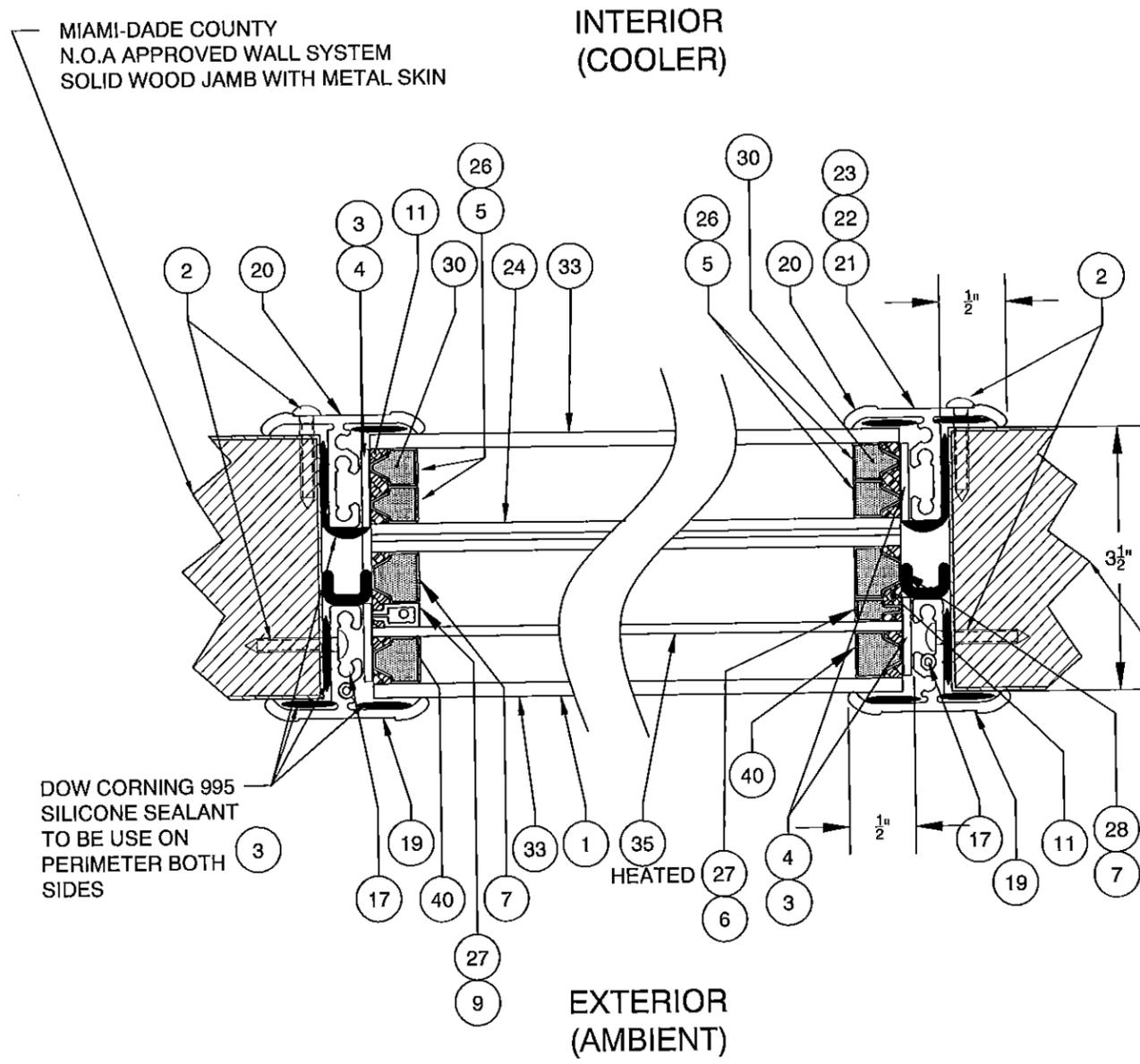
By *Manuel Perez*

REVISED BY:	DATE:	REVISION:	
G. GODDARD	6-29-15	C	SEE ECN 14123
DRAWN BY:	DATE:	CHECKED BY:	DATE:
CHENEVERT	6-4-15	M. ROLEK	6-10-15

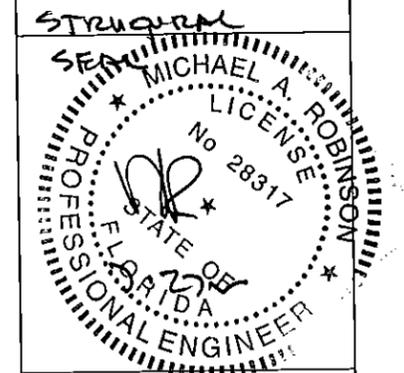


12391 MONTERO AVENUE
 SYLMAR, CALIFORNIA 91342
 PHONE: (818) 365-9451
 FAX:
 WEB SITE: www.anthonyintl.com
 E-MAIL: info@anthonyintl.com

TITLE	1950 HVHZ4 WINDOW		
DRAWING NUMBER	06-22303-0000		
MODEL:	1950	SCALE: NOTED	SHT. 2 OF 6
REV.	C		



CROSS-SECTION OF HURRICANE LAMINATE
1:1 SCALE



Approved as complying with the Florida Building Code
Date AUG. 13, 2015
NOA# 15-0415-04
Miami Dade Product Control

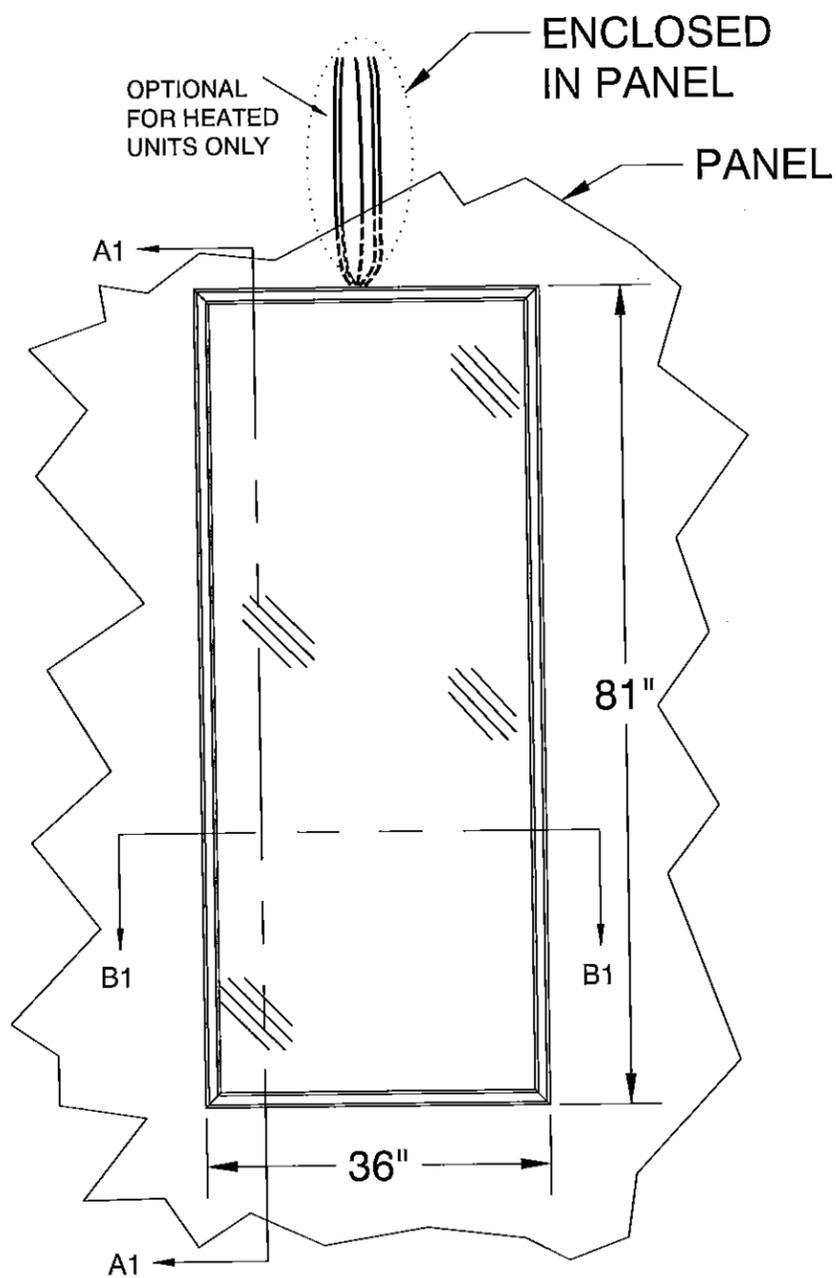
By: *Manuel Perez*

REVISED BY:	DATE:	REVISION:	
REVISED BY:	DATE:	REVISION:	SEE ECN 14123
G. GODDARD	6-29-15	C	
DRAWN BY:	DATE:	CHECKED BY:	DATE:
CHENEVERT	6-4-15	M. ROLEK	6-10-15



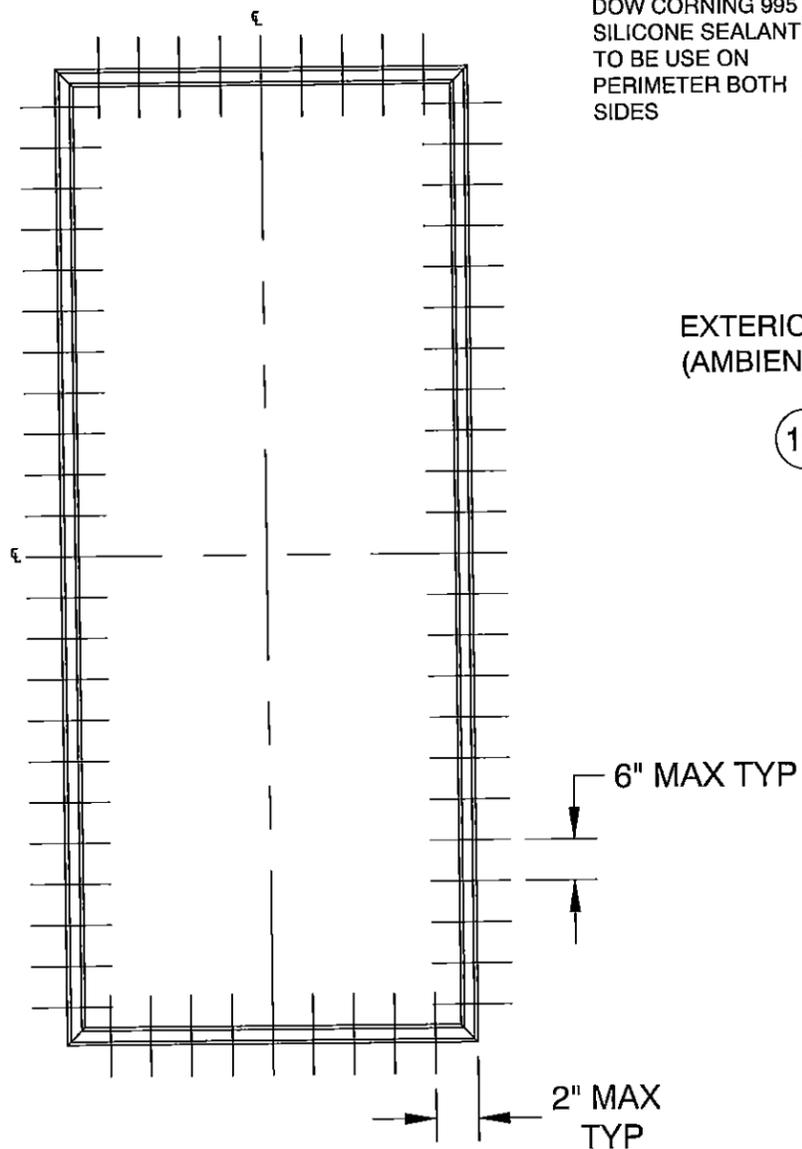
12391 MONTERO AVENUE
SYLMAR, CALIFORNIA 91342
PHONE: (818) 365-9451
FAX:
WEB SITE: www.anthonyintl.com
E-MAIL: info@anthonyintl.com

TITLE	1950 HVHZ4 WINDOW		
DRAWING NUMBER	06-22303-0000		
MODEL:	1950	SCALE: NOTED	SHT. 3 OF 6
REV.	C		

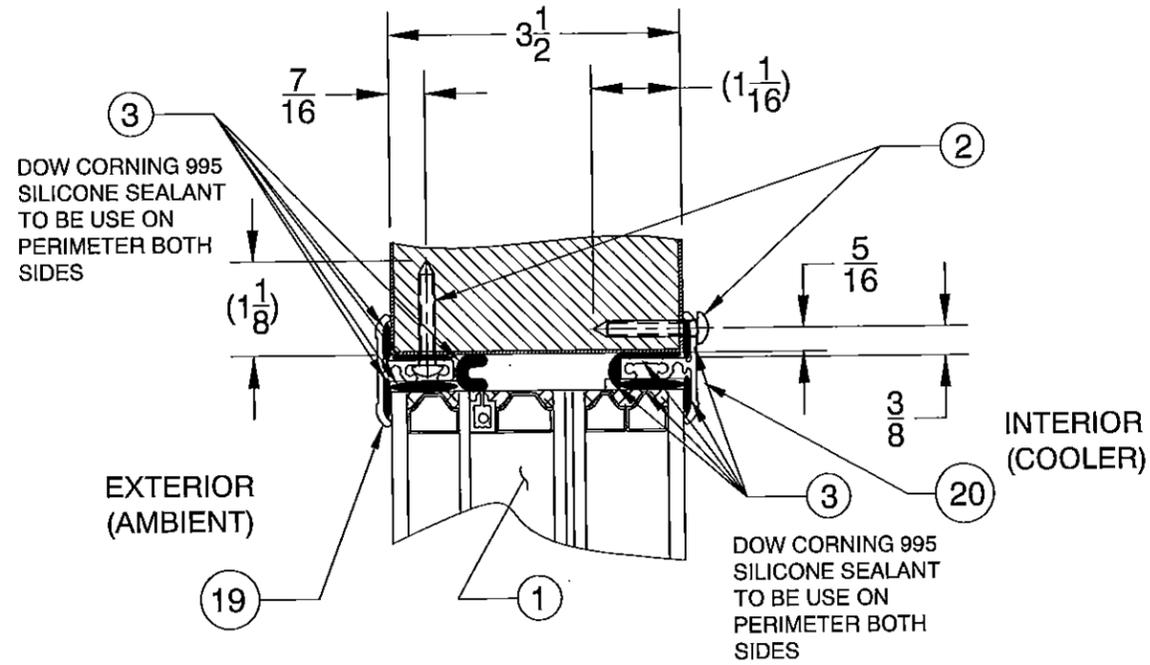


MAX. AREA TESTED
20 SQ. FT.

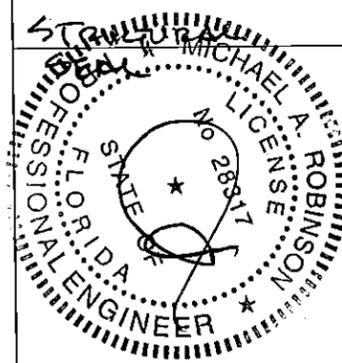
ANCHOR SPACING



ANCHOR SPACING SHOULD BE AT MAX. 2" FROM ENDS, AND MAXIMUM 6" ON CENTER



SECTION: ANCHOR
DETAIL 1:2 SCALE



Approved as complying with the Florida Building Code
Date Aug. 13, 2015
NOAH 15-0415.04
Miami Dade Product Control

By Manuel Perez

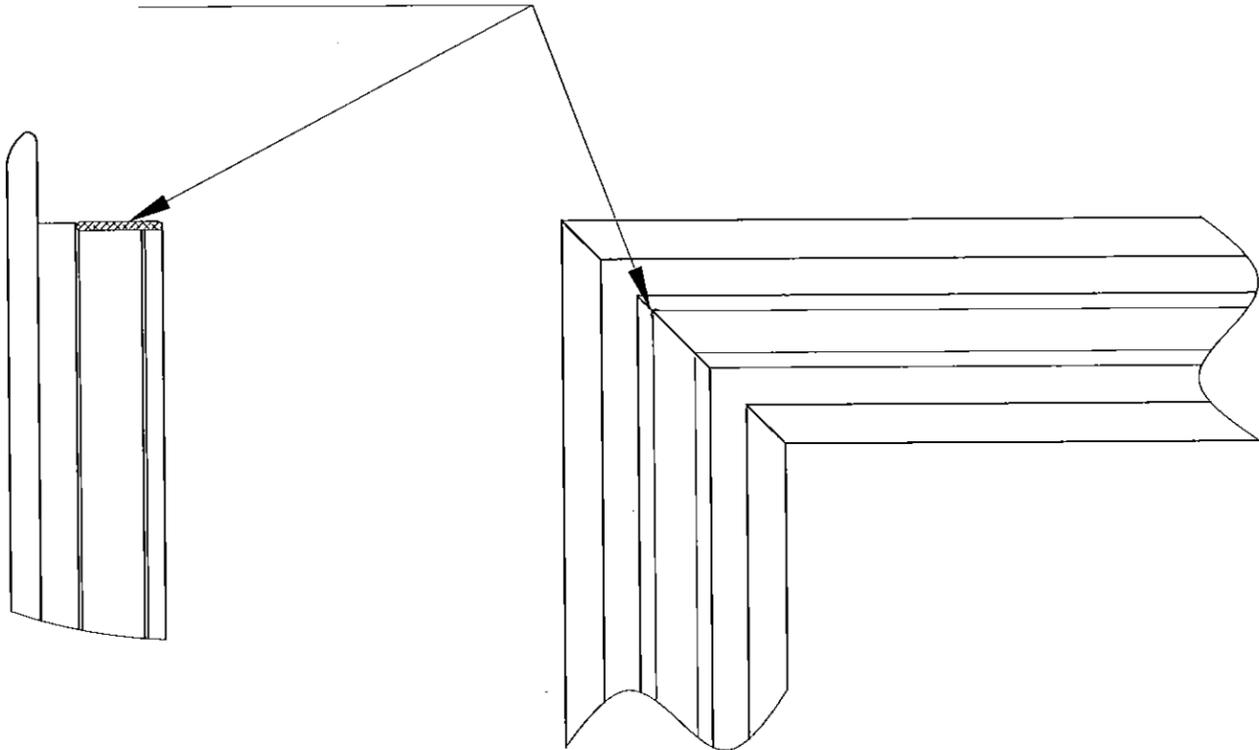
REVISED BY:	DATE:	REVISION:	
G. GODDARD	6-29-15	C	SEE ECN 14123
DRAWN BY:	DATE:	CHECKED BY:	DATE:
CHENEVERT	6-4-15	M. ROLEK	6-10-15



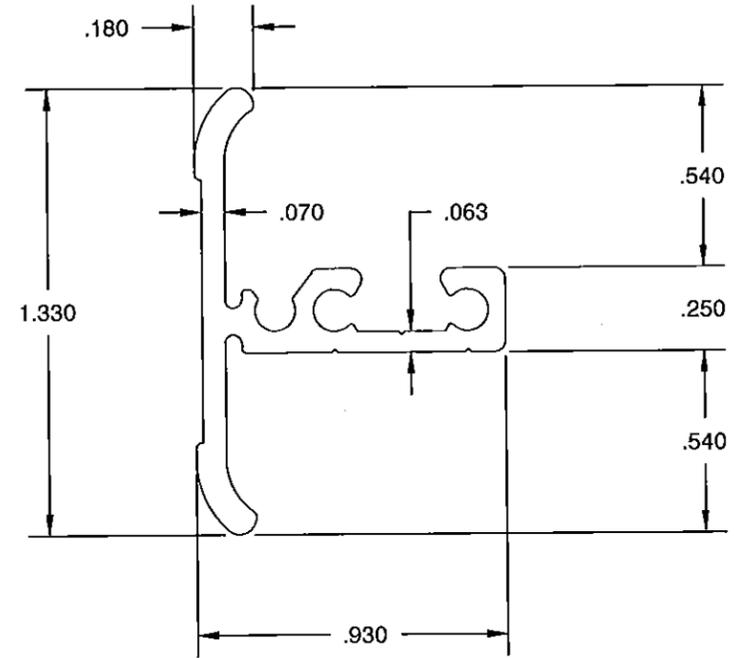
12391 MONTERO AVENUE
SYLMAR, CALIFORNIA 91342
PHONE: (818) 365-9451
FAX:
WEB SITE: www.anthonyintl.com
E-MAIL: info@anthonyintl.com

TITLE	1950 HVHZ4 WINDOW		
DRAWING NUMBER	06-22303-0000		
MODEL:	1950	SCALE:	NTS
SHT.	4 OF 6	REV.	C

WELD 1/2" LONG
ON SURFACE SHOWN.

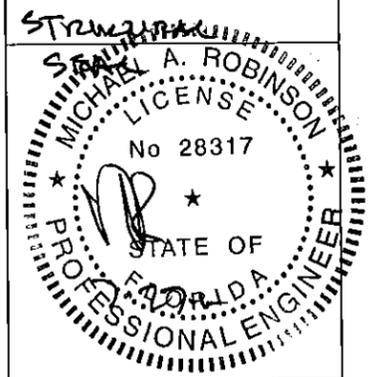


CORNER ASSEMBLY DETAIL
1:1 SCALE



EXTRUSIONS DETAIL
2:1 SCALE

MATERIAL: ALUMINUM ALLOY 6063-T6



Approved as complying with the
Florida Building Code
Date Aug. 13, 2015
NOAH# 1500415.04
Michael Robinson Product Control

Michael Robinson

REVISED BY:	DATE:	REVISION:	
G. GODDARD	6-29-15	C	SEE ECN 14123
DRAWN BY:	DATE:	CHECKED BY:	DATE:
CHENEVERT	6-4-15	M. ROLEK	6-10-15



12391 MONTERO AVENUE
SYLMAR, CALIFORNIA 91342
PHONE: (818) 365-9451
FAX:
WEB SITE: www.anthonyintl.com
E-MAIL: info@anthonyintl.com

TITLE		1950 HVHZ4 WINDOW	
DRAWING NUMBER		06-22303-0000	
MODEL: 1950	SCALE: NOTED	SHT. 5 OF 6	REV. C

-0001	NON-HEATED
-0002	HEATED

ABBREVIATIONS:
A/R - AS REQUIRED
1P - 1 TIMES PERMITER
HVHZ4 - 4 PANE HIGH VOLICITY HURRICANE SGU CODE
STR - STRANDED

QNTY	-0001	-0002	ITEM NO.	PART NO.	DESCRIPTION
4	-	25	20-11934-0003	CORNER PIECE, NYLON, 11/16, RIGID	
1	1	24	30-22105-0000	7/16" LAMINATED SENTRYGLAS® BY KURARAY AMERICA	
1	1	23	09-10249-0008	DADE COUNTY LABEL	
1	1	22	09-16119-0001	KIT, LABEL, PATENT (UL RECOGNIZED)	
1	1	21	09-10249-0004	LABEL, ID, .75 x 4	
1	1	20	02-22232-0002	ALUMINUM FRAME ASSY. INTERIOR	
1	1	19	02-22232-0001	ALUMINUM FRAME ASSY. EXTERIOR	
A/R	A/R	18	70-11847-0001	TAPE, ADHESIVE, 3/16, 3M465	
1P	-	17	50-10632-0000	HEATER WIRE	
36"	-	16	50-10914-1803	WIRE, 18, STR, TCAWM1032, WHT	
36"	-	15	50-10914-1801	WIRE, 18, STR, TCAWM1032, RED	
1	-	14	77-12036P280	WASHER, FLAT, #6, ZINC	
1	-	13	40-14171-1537	RIVET, SEMI-TUBULAR, OVAL HD, 1/8"	
36"	-	12	50-10914-1816	WIRE, 18, STR, TCAWM1032, GREEN	
A/R	A/R	11	70-10442-0002	SEALANT W/ CATALYST, STD-MED3190	
1	-	10	60-11009-0006	TERMINAL, RING, SERRATED, 22-18, #6 STUD	
2	-	9	11-15326-1015	EXT, DIV, GL, 3/16 X 5/16, MILL	
1	-	8	20-15570-0001	BUSHING, NYLON, EGRESS, 1950	
4	-	7	11-14776-0016	SPACER, TUBE, 5/16 X 11/16, CLR	
2	-	6	11-14776-0003	SPACER, TUBE, 5/16 X 5/16, CLR	
16	32	5	11-14776-0008	SPACER, TUBE, 5/16 X 1/2, CLR	
1	1	4	25-21488-0001	SPACER, WEDGE, GLASS, SLDR. (SHIM)	
16	16	3	70-22221-0001	SEALANT, SILICONE DOW 995, BLK. STRTRL TUBES	
72	72	2	40-22220-1012	SCREW, #10 X 1-1/4" PH, SQUARE DRIVE	
-	1	1	30-22099-0001	SEALED GLASS UNIT, HVHZ4, HIGH VELOCITY	
1	-	1	30-22099-0002	SEALED GLASS UNIT, HVHZH, HIGH VELOCITY HEAT	
QNTY	-0001	-0002	ITEM NO.	PART NO.	DESCRIPTION

PARTS LIST

QNTY	-0001	-0002	ITEM NO.	PART NO.	DESCRIPTION
A/R	-	41	20-11934-0003	CORNER PEICE, NYLON, 5/8" RIGID	
A/R	-	40	11-14776-0006	SPACER, TUBE, 5/16 X 5/8	
A/R	-	39	50-17238-2002	WIRE, STRANDED, TINNED, .075, BLK	
A/R	-	38	98-11253-0007	SILVER, CONDUCT PASTE, CCL-289	
A/R	-	37	50-17238-F001	WIRE, 20 GA	
2	-	36	60-60157-0003	SPLICE, BUTT, 18-22, NYLAKRIMP	
-	1	35	30-15265-0000	GLASS, 1/8", HEATED, TEMPERED	
1	-	34	30-12714-0000	GLASS, 1/8", TEMPERED, CLEAR	
2	2	33	30-12116-0000	GLASS, SPEC 3/16" TEMPERED	
A/R	A/R	30	98-10930-0003	SIEVE, MOLSIV 2000, 10 X 20	
1	-	29	40-15330-1037	PIN, TBLR, STL1, O/H, 1/16 X 7/32	
4	-	28	20-11934-0011	CORNER PIECE, NYLON, 11/16", RIGID	
2	-	27	20-11934-0008	CORNER PIECE, NYLON, 5/16", RIGID	
16	24	26	20-11934-0007	CORNER PIECE, NYLON, 1/2", RIGID	
QNTY	-0001	-0002	ITEM NO.	PART NO.	DESCRIPTION

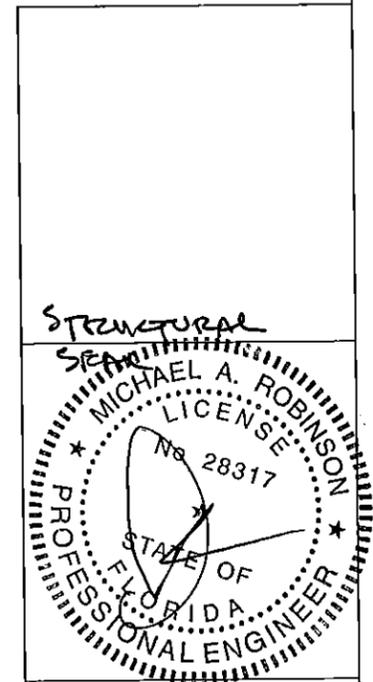
PARTS LIST

REVISED BY:	DATE:	REVISION:	
G. GODDARD	6-29-15	C	SEE ECN 14123
DRAWN BY:	DATE:	CHECKED BY:	DATE:
CHENEVERT	6-4-15	M. ROLEK	6-10-15



12391 MONTERO AVENUE
SYLMAR, CALIFORNIA 91342
PHONE: (818) 365-9451
FAX:
WEB SITE: www.anthonynintl.com
E-MAIL: info@anthonynintl.com

TITLE	1950 HVHZ4 WINDOW		
DRAWING NUMBER	06-22303-0000		
MODEL:	1950	SCALE:	NTS
SHT.	6 OF 6	REV.	C



Approved as complying with the
Florida Building Code
Date Aug 13, 2015
NOA# 13-0415-04
Miami Dade Product Control

By Manuel Perez