



MIAMI-DADE COUNTY
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) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.maimidade.gov/buildingcode

Wausau Window and Wall Systems
1415 West Street
P.O. Box 1746
Wausau, WI 54402-1746

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 3250 HP Aluminum Fixed Window – S.M.I.

APPROVAL DOCUMENT: Drawing No. **1085**, titled “Series 3250 HP Fixed Window (Small Missile Impact)”, sheets 1 through 3 of 3, dated 01/25/02, with revision B1 dated 04/16/08, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, 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 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 revises NOA # **07-0423.08** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



NOA No. 08-0513.06
Expiration Date: April 25, 2012
Approval Date: June 26, 2008
Page 1

Wausau Window and Wall Systems

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **1085**, titled "Series 3250 HP" Fixed Window (Small Missile Impact), sheets 1 through 3 of 3, dated 01/25/02, with revision B1, dated 04/16/08, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, 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) Small Missile Impact Test per FBC, TAS 201-94
 - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 7) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94along with marked-up drawings and installation diagram of 6 specimens each consisting of three-panel configuration of aluminum fixed and casement windows, each 146" wide and 72" high, prepared by Architectural Testing, Inc., Test Report No. **ATI-06-30280.01**, dated 01/22/02 and addendum letter dated 03/06/02 all signed and sealed by Allen N. Reeves, P.E.
"Submitted under NOA# 05-0915.03"

C. CALCULATIONS

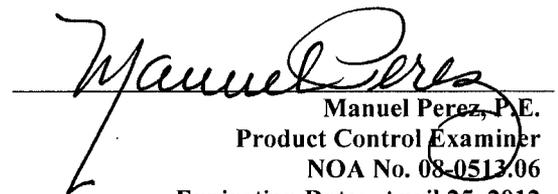
1. Anchor verification calculations and structural analysis, complying with FBC-2004 and 2007, dated 01/22/06, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
Complies with ASTM E1300-02/04

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 & Co., Inc. for their "**DuPont Butacite PVB Interlayer**" dated 01/05/06, expiring on 12/11/10.
2. Notice of Acceptance No. **06-0216.06** issued to Solutia Inc. for their "**Saflex III G Clear or colored Interlayer**" dated 05/04/06, expiring on 05/21/11.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 08-0513.06
Expiration Date: April 25, 2012
Approval Date: June 26, 2008

Wausau Window and Wall Systems

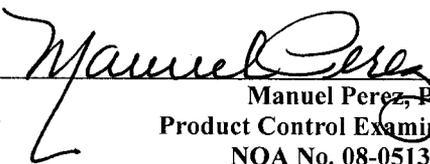
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, dated 04/14/08, signed and sealed by Warren W. Schaefer, P.E.
2. Statement letter of no financial interest, dated January 29, 2002, signed and sealed by Warren W. Schaefer, P.E.
"Submitted under NOA# 05-0915.03"
3. Laboratory compliance letter for Test Report No. **ATI-06-30280.01**, dated January 28, 2002, signed and sealed by Allen N. Reeves, P.E.
"Submitted under NOA# 05-0915.03"

G. OTHER

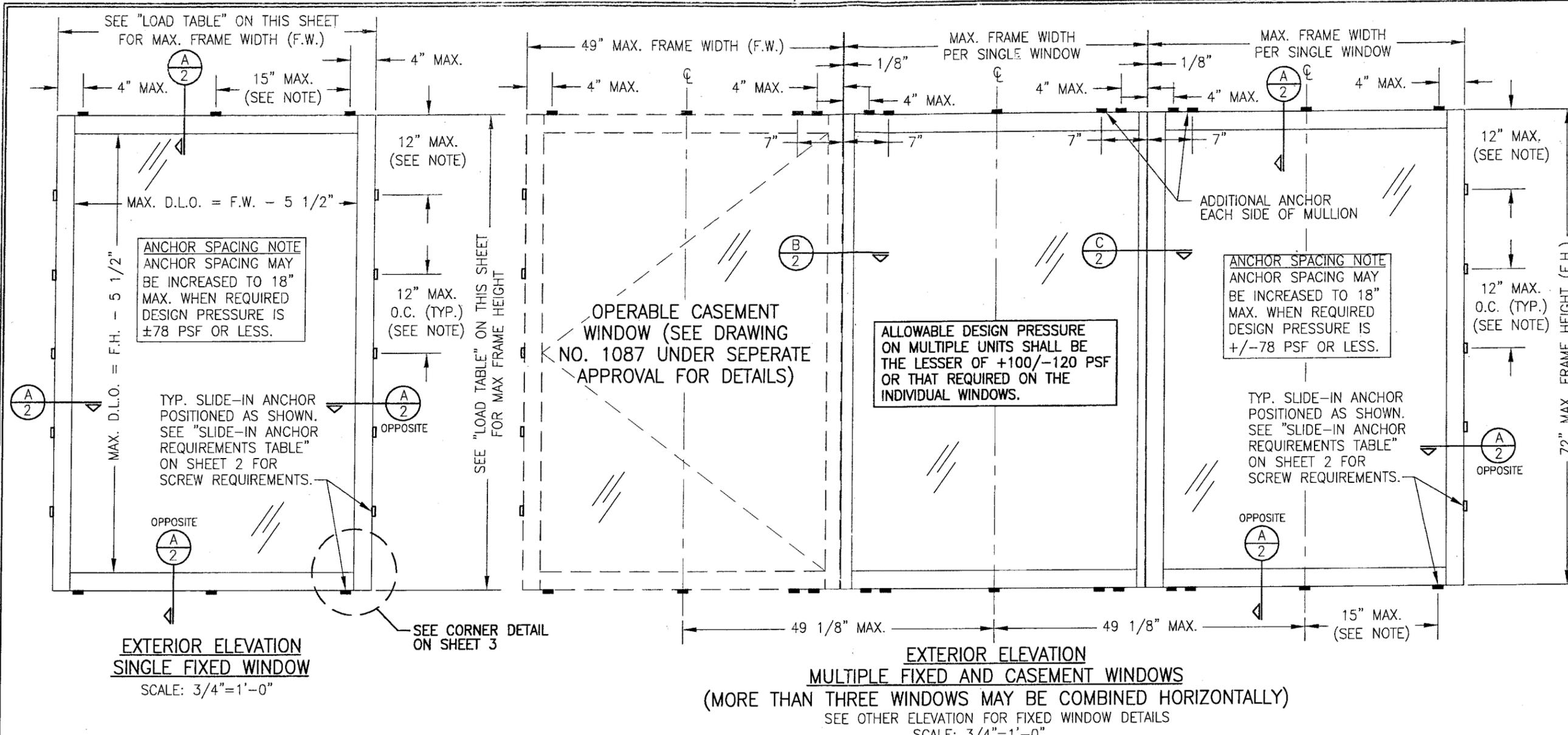
1. Notice of Acceptance No. **07-0423.08**, issued to Wausau Window and Wall Systems for their Series 3250 HP Aluminum Fixed Window – S.M.I., approved on 06/28/07 and expiring on 04/25/12.


Manuel Perez, P.E.

Product Control Examiner
NOA No. 08-0513.06

Expiration Date: April 25, 2012

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**EXTERIOR ELEVATION
SINGLE FIXED WINDOW**
SCALE: 3/4"=1'-0"

**EXTERIOR ELEVATION
MULTIPLE FIXED AND CASEMENT WINDOWS**
(MORE THAN THREE WINDOWS MAY BE COMBINED HORIZONTALLY)
SEE OTHER ELEVATION FOR FIXED WINDOW DETAILS
SCALE: 3/4"=1'-0"

- GENERAL NOTES:**
1. THESE WINDOW SYSTEMS HAVE BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
 2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
 3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
 4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR SMALL MISSILE IMPACT WINDOWS.
 5. THESE WINDOW SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
 6. WHEN GLAZED FOR SMALL MISSILE IMPACT, THESE WINDOWS MAY NOT BE INSTALLED AT ELEVATIONS BELOW 30 FT. ABOVE GRADE WITHOUT AN APPROVED SHUTTER.
 7. ALL ANCHORS SECURING WINDOW FRAME TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
 8. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF $K_d = 0.85$ MAY BE APPLIED WHEN USED IN CONJUNCTION WITH LOAD COMBINATIONS SPECIFIED IN SECTION 2.0 OF THE ASCE 7 STANDARD.
 9. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR $C_d = 1.6$ WAS USED FOR WOOD SCREW ANALYSIS ONLY.
 10. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.

ALLOWABLE DESIGN PRESSURE												
(1) SHORT DIMENSION	DESIGN LOAD CAPACITY (POSITIVE & NEGATIVE PSF)											
	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.
30"	100.0	120.0	100.0	120.0	100.0	120.0	100.0	120.0	100.0	120.0	100.0	120.0
36"	100.0	120.0	100.0	120.0	100.0	120.0	100.0	120.0	100.0	120.0		
42"	100.0	120.0	100.0	120.0	100.0	120.0	100.0	120.0				
49"	100.0	120.0	100.0	120.0	100.0	120.0						
54"	90.7	108.9	90.7	108.9								
59"	83.1	99.7										
(1) LONG DIMENSION	59"	65"	72"	84"	98"	117"						

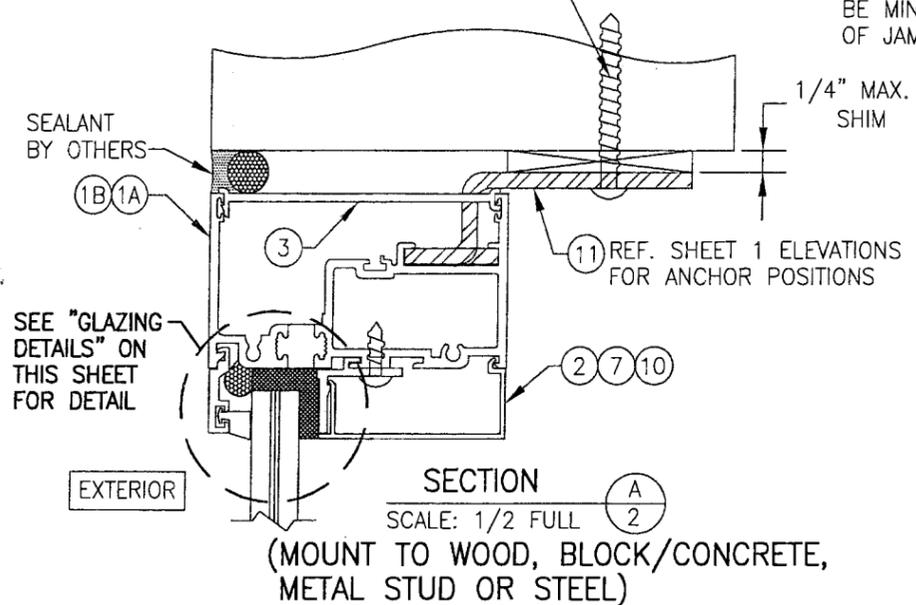
- TABLE NOTES:**
- (1) ALL WINDOW DIMENSION VALUES SHOWN ARE $\pm 1/2$ " & ARE FRAME (F.H. & F.W.) DIMENSIONS
 - (2) THOSE SIZES WITH LOADS LISTED ARE MAXIMUM ALLOWABLE SIZES AT THAT LOAD. IF NO LOAD IS LISTED FOR A GIVEN SIZE, THAT SIZE EXCEEDS ALLOWABLE AND IS NOT ACCEPTABLE.

NOTE: WHEN DIRECT MOUNTING TO A BLOCK/ CONCRETE OPENING WITH CONCR. SCREWS, THE HEAD & SILL MUST BE CONCRETE, THE SIDES MAY BE BLOCK OR CONCRETE.

PRODUCT REVISED as complying with the Florida Building Code Amendment No. 08-0513.06 Effective Date APRIL 25, 2012
By: *Maureen Perry*
Division: *Product Control*

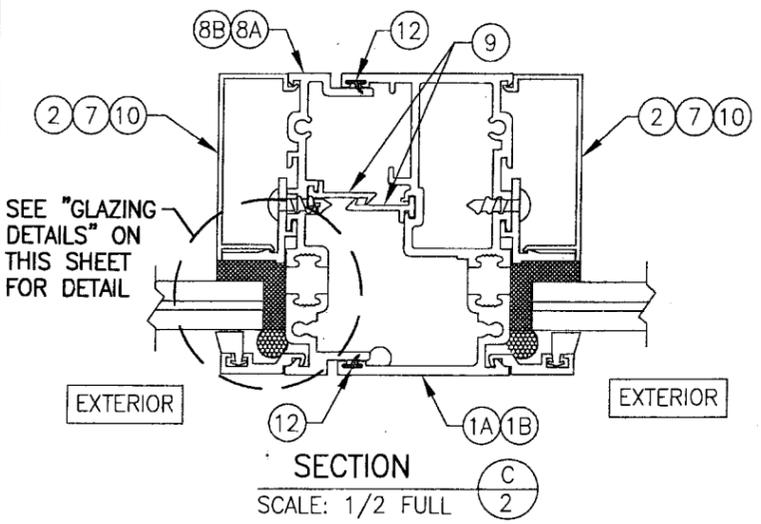
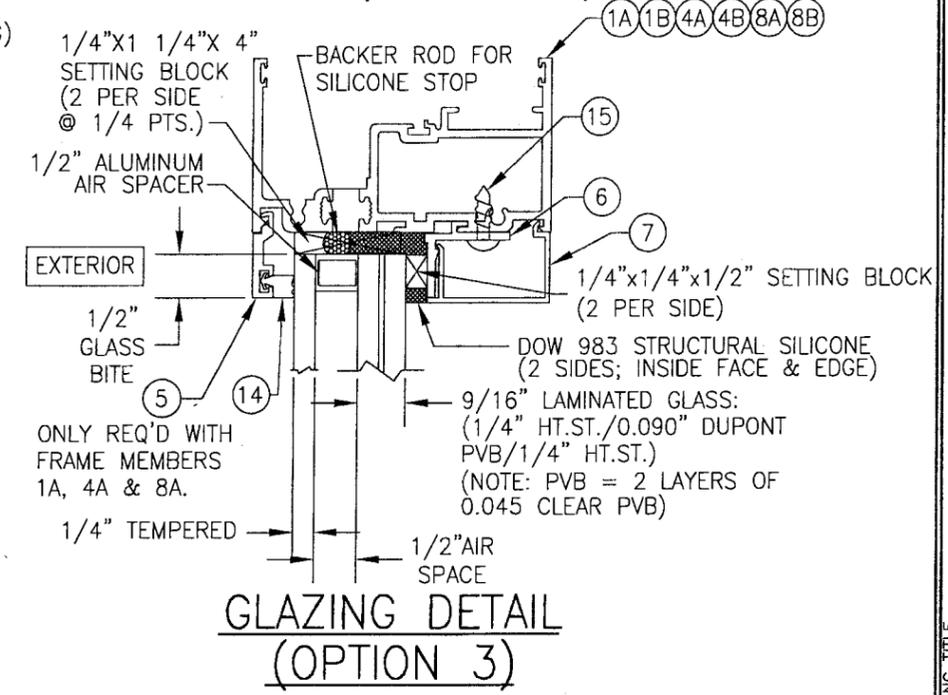
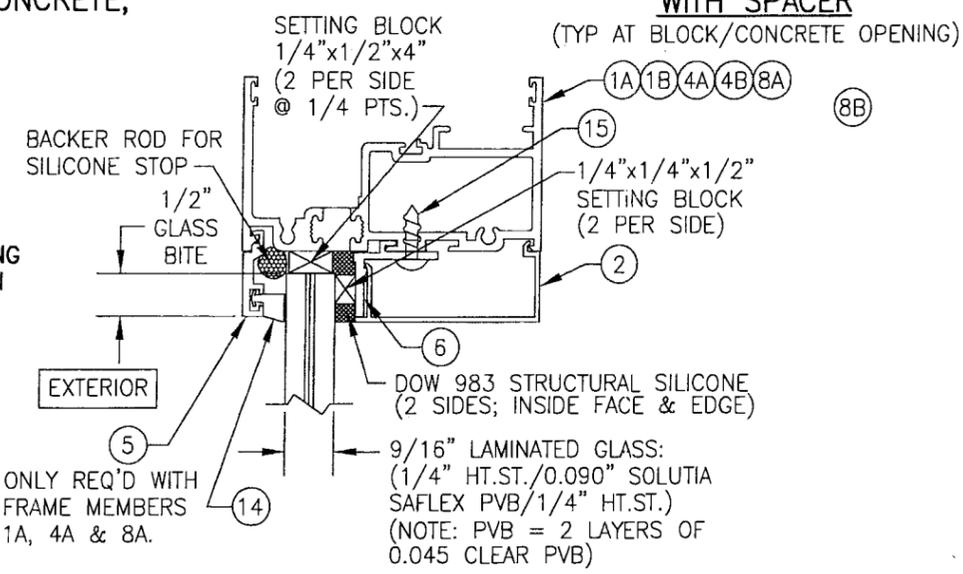
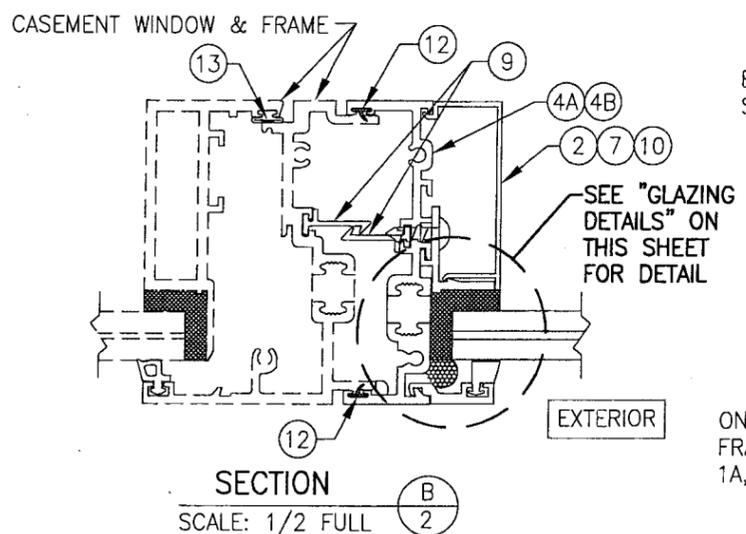
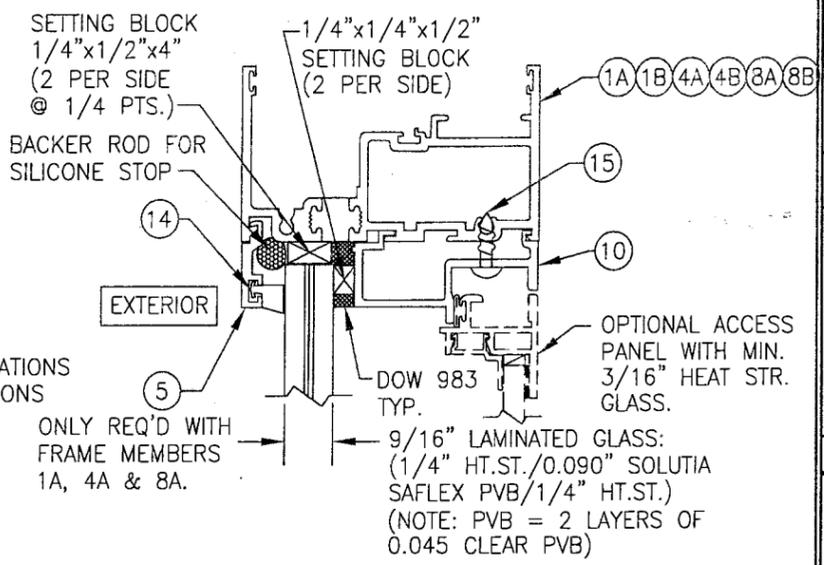
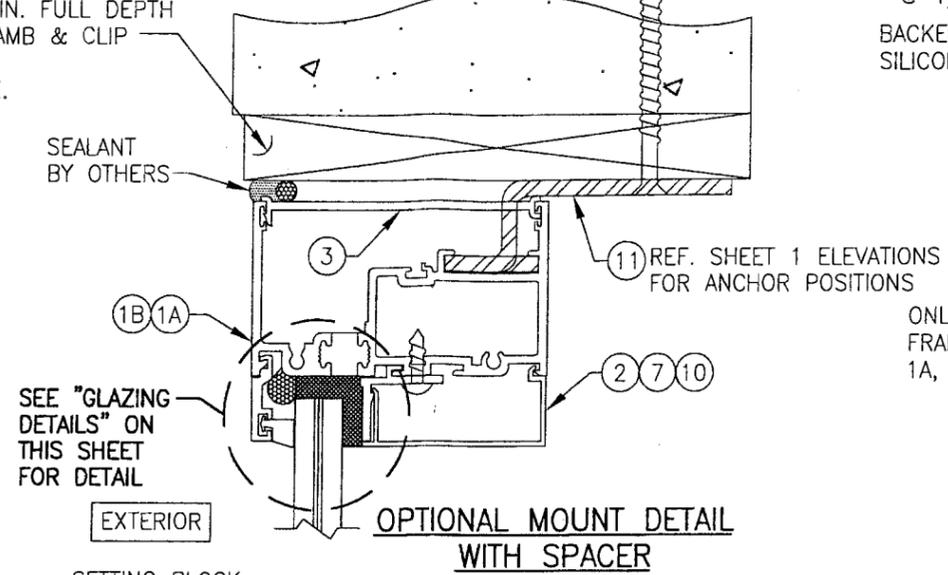
DRAWN BY: J.C.F.		CHECKED BY: W.W.S.	
PLOT: 1-16		DATE: 01/25/02	
NO.	REVISION DESCRIPTION	BY	DATE
A1	UPDATE GENERAL NOTES TO 2004	K.P.S.	08/10/05
A2	CODE COMPLIANT	K.P.S.	08/10/05
B1	REDUCED FRAME ANCHOR SPACING TO 12"	K.P.S.	04/16/08
	UPDATE FOR CODE COMPLIANCE	W.R.M.	04/16/08
3250 HP FIXED WINDOW (SMALL MISSILE IMPACT) MANUFACTURER: WAUSAU WINDOW & WALL SYSTEMS 1415 WEST STREET WAUSAU, WI. 54402-1746 715-845-2161			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8885 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903			
CERTIFICATION: <i>Maureen Perry</i> APR 16 2008 MARKEN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1085		REV. B	
SHEET NO. 1		OF 3	

ANCHOR FASTENERS (2 PER ANCHOR).
SEE "SLIDE-IN ANCHOR FASTENER
REQUIREMENTS TABLE" THIS SHEET.



CONTINUOUS WOOD MEMBER LESS IN SIZE THAN A 2X₄ BUCK TO BE MIN. FULL DEPTH OF JAMB & CLIP

1/4" TAPCONS (2 PER ANCHOR).
SEE "SLIDE-IN ANCHOR FASTENER REQUIREMENTS TABLE" THIS SHEET.

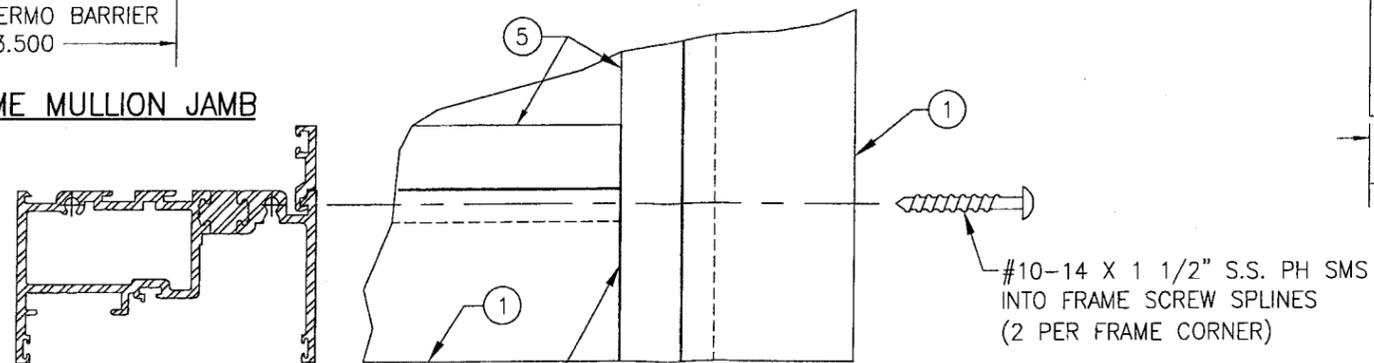
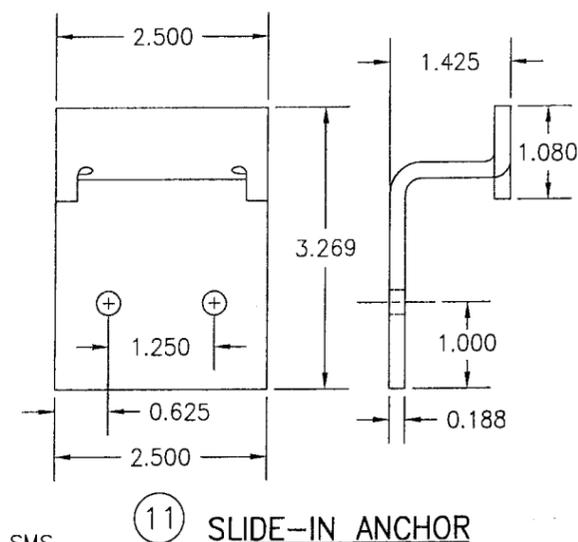
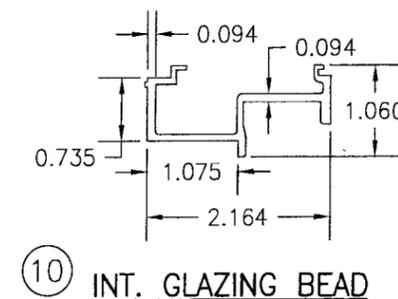
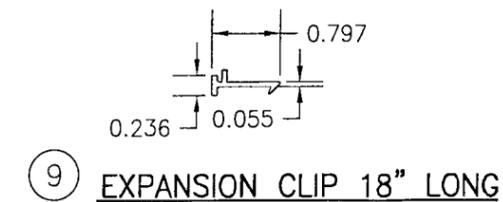
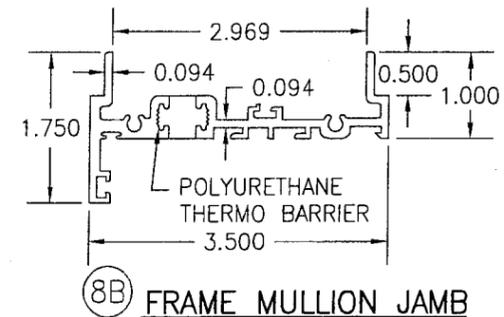
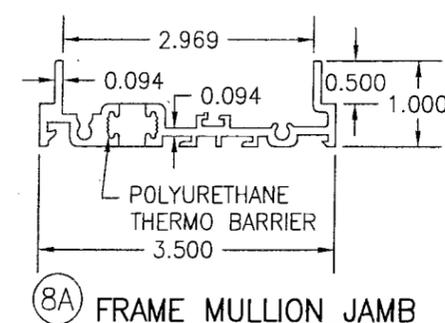
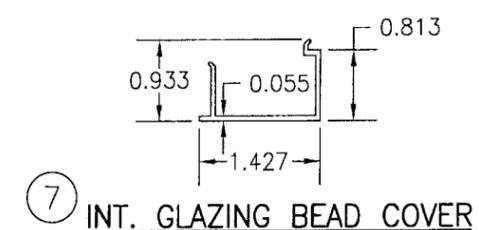
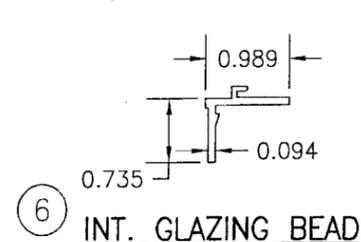
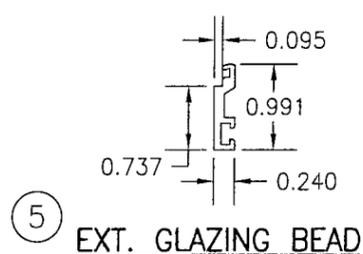
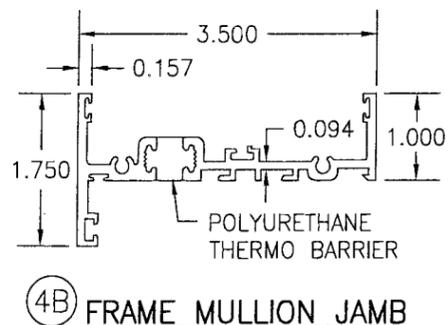
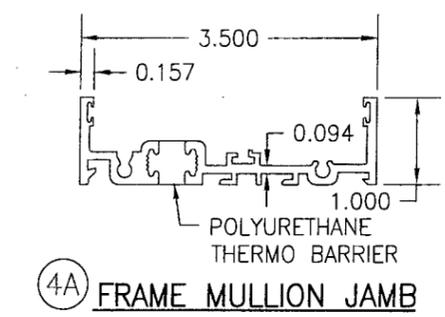
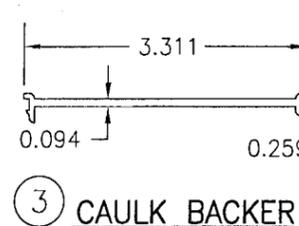
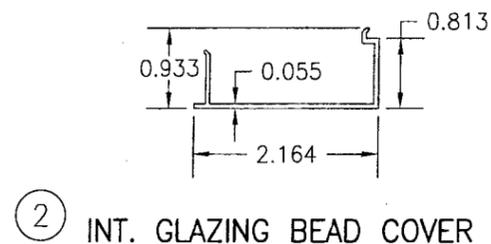
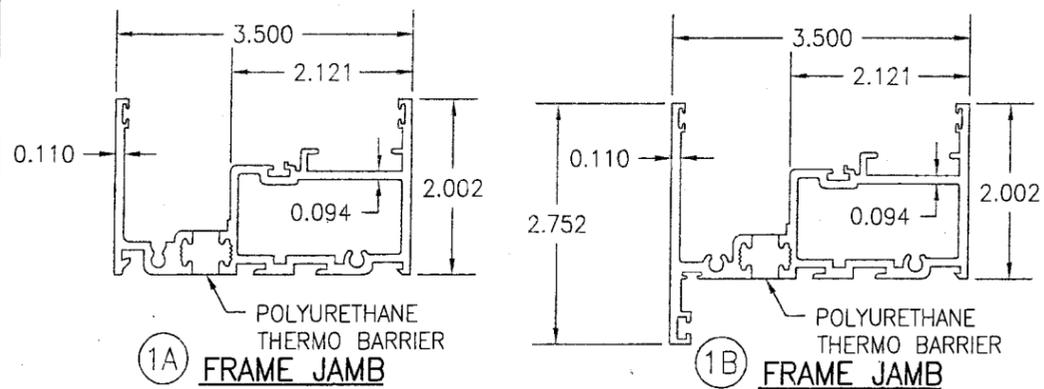


OPENING TYPE (SUBSTRATE)	ANCHOR TO OPENING FASTENER TYPE	NO. FASTENERS PER ANCHOR INTO SUBSTRATE	MINIMUM EMBED	MINIMUM EDGE DIST.
WOOD (MIN. G=0.55)	NO. 14 S.S. SMS	2	1 3/8"	1"
MIN. 16 GA. 50 KSI STUD	NO. 14 TEK SCREW	2	FULL	1/2"
MIN. 12 GA. 36 KSI STRUCT. STEEL	NO. 14 TEK SCREW	2	FULL	1/2"
MIN. C90 OR 3000 PSI CONCRETE (1)	1/4" CONCRETE SCREW	2	1 1/4"	2 1/4"

(1) CONCRETE SCREWS SHALL BE ITW RAMSET/RED HEAD TAPCONS, HILTI KWIK-CON II OR POWERS RAWL TAPPER (HARDENED STEEL OR S.S.).

ANCHOR NOTE: WHEN ANCHORED TO A BLOCK/CONCRETE OPENING CLIPS MAY BE EITHER DIRECT MOUNTED TO THE OPENING, MOUNTED ONTO A CONTINUOUS WOOD SPACER, OR ANCHORED TO A MIN. 2X₄ NO. 3 SOUTHERN PINE WOOD BUCK. WHEN ANCHORED TO A 2X₄ BUCK, NO. 14 SCREWS SHALL BE USED. WHEN DIRECT MOUNTED OR MOUNTED WITH SPACER, 1/4" CONCR. SCREWS SHALL BE USED. SEE "ANCHOR REQUIREMENTS TABLE" FOR EMBED REQUIREMENTS. PROPER MATERIAL SHALL BE USED BETWEEN ALL DISSIMILAR MATERIALS (BLOCK/CONCRETE, STEEL & ALUMINUM).

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 08-0513.06
Expiration Date APRIL 25, 2012
By *Manuel Perez*
Miami Code Product Control
Division



SCHNEE-MOREHEAD SEALANT #SM5504
AT EXTERIOR PORTION OF JOINT
BETWEEN FRAME MEMBERS.

FRAME CORNER DETAIL
OUTSIDE VIEW

ITEM #	PART	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS			
1A	313052	MAIN FRAME JAMB	6063-T6 ALUMINUM
1B	313109	OPTIONAL MAIN FRAME JAMB	6063-T6 ALUMINUM
2	805672	INTERIOR GLAZING BEAD COVER	6063-T6 ALUMINUM
3	445	CAULK BACKER (LENGTH OF JAMB, NOTCHED FOR ANCHOR)	PVC
4A	313050	FRAME JAMB AT FIXED TO CASEMENT MULLION	6063-T6 ALUMINUM
4B	313105	OPTIONAL FRAME JAMB AT FIXED TO CASEMENT MULLION	6063-T6 ALUMINUM
5	805669	EXTERIOR GLAZING BEAD	6063-T6 ALUMINUM
6	805670	INTERIOR GLAZING BEAD	6063-T6 ALUMINUM
7	805676	INTERIOR GLAZING BEAD COVER	6063-T6 ALUMINUM
8A	313056	FRAME JAMB AT FIXED TO FIXED MULLION	6063-T6 ALUMINUM
8B	313107	OPTIONAL FRAME JAMB AT FIXED TO FIXED MULLION	6063-T6 ALUMINUM
9	907290	EXPANSION CLIP 18" LONG @ MIDSPAN OF MULL.	6063-T6 ALUMINUM
10	805674	INTERIOR GLAZING BEAD (USED WITH OPTIONAL INT. PANEL)	6063-T6 ALUMINUM
11	134790	SLIDE-IN ANCHOR	7 GA. ZINC PLATED STEEL
SEALS & SEALANTS			
12	9680	WEATHER STRIP	RIGID PVC ALCRYN/CLIM-TECH.
13	9989	BULB GASKET	THERMO PLASTIC/ULTRA FAB
14	6676	SOLID GLAZING GASKET	SILICONE/TREMCO
FASTENERS			
15	-	#10-32 X 5/8" S.S. PH (2/GLAZING BEAD @ 1/4 PTS.)	

DRAWN BY: J.C.F.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 01/25/02
DATE	
BY	
DESCRIPTION	
NO.	
DRAWING TITLE 3250 HP FIXED WINDOW (SMALL MISSILE IMPACT)	
MANUFACTURER WAUSAU WINDOW & WALL SYSTEMS 1415 WEST STREET WAUSAU, WI. 54402-1746 715-845-2161	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903	
CERTIFICATION APR 16 2003 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1085	REV. B
SHEET NO. 3 OF 3	

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By *Manuel Perez*
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