



**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)

**PGT Industries
P.O. Box 1529
Nokomis, FL 34274**

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: SH- Aluminum Single Hung Window Standard w/Heavy Duty Meeting Rail

APPROVAL DOCUMENT: Drawing No. 2737, titled "Aluminum Single Hung Window (TG-B)", sheets 1 through 4 of 4, prepared, signed and sealed by Robert L.Clark, P.E., dated 9/06/01, 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: None

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.

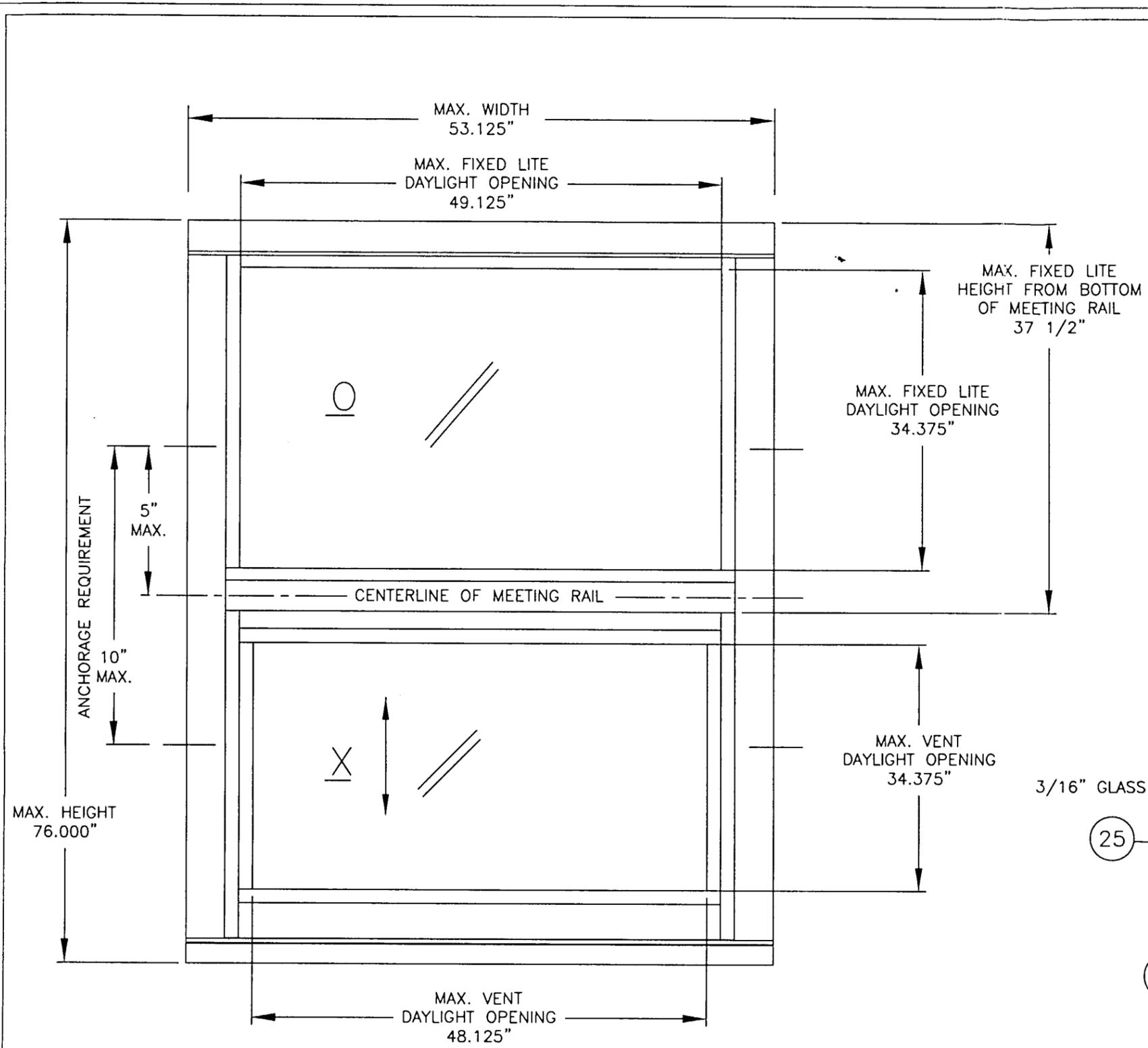
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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 # 01-0516.11 and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Theodore Berman, P.E.**



**NOA No 02-0702.03
Expiration Date: October 04, 2006
Approval Date: July 15, 2002
Page 1**



COMPARATIVE ANALYSIS FOR: GLASS: 3/16 TEMPERED FTL- 2957 (A1,A3,A4)

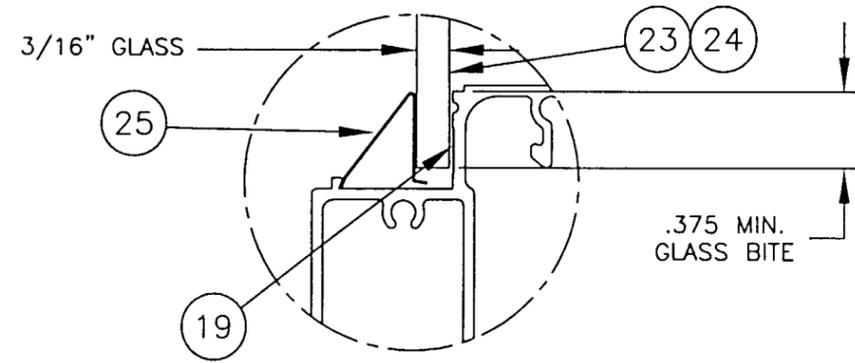
Window Width	Window Height									
	26.000 (4)		38.375 (4)		50.625 (4)		63.000 (6)		76.000 (6)	
	neg	pos	neg	pos	neg	pos	neg	pos	neg	pos
19.125 (2)	-135.00	56.70	-135.00	56.70	-135.00	56.70	-130.10	56.70	-100.40	56.70
24.000 (2)	-135.00	56.70	-135.00	56.70	-135.00	56.70	-116.60	56.70	-87.50	56.70
26.500 (2)	-135.00	56.70	-135.00	56.70	-135.00	56.70	-112.90	56.70	-83.20	56.70
32.000 (3)	-135.00	56.70	-135.00	56.70	-135.00	56.70	-110.00	56.70	-77.50	56.70
37.000 (3)	-135.00	56.70	-135.00	56.70	-135.00	56.70	-110.00	56.70	-75.70	56.70
40.000 (3)	-135.00	56.70	-135.00	56.70	-135.00	56.70	-110.00	56.70	-75.60	56.70
44.000 (3)	-135.00	56.70	-135.00	56.70	-123.60	56.70	-110.00	56.70	-75.60	56.70
48.000 (3)	-135.00	56.70	-133.00	56.70	-109.60	56.70	-96.50	56.70	-75.60	56.70
53.125 (4)	-135.00	56.70	-117.40	56.70	-95.70	56.70	-83.30	56.70	-75.60	56.70

COMPARATIVE ANALYSIS FOR: GLASS: 3/16 ANNEALED FTL- 2958

Window Width	Window Height									
	26.000 (4)		38.375 (4)		50.625 (4)		63.000 (6)		76.000 (6)	
	neg	pos	neg	pos	neg	pos	neg	pos	neg	pos
19.125 (2)	-120.00	56.67	-120.00	56.67	-120.00	56.67	-111.90	56.67	-86.30	56.67
24.000 (2)	-120.00	56.67	-120.00	56.67	-120.00	56.67	-100.30	56.67	-75.20	56.67
26.500 (2)	-120.00	56.67	-120.00	56.67	-120.00	56.67	-97.00	56.67	-71.80	56.67
32.000 (3)	-120.00	56.67	-120.00	56.67	-101.70	56.67	-81.90	56.67	-66.70	56.67
37.000 (3)	-120.00	56.67	-120.00	56.67	-86.40	56.67	-70.90	56.67	-61.90	56.67
40.000 (3)	-120.00	56.67	-118.60	56.67	-80.90	56.67	-65.80	56.67	-57.70	56.67
44.000 (3)	-120.00	56.67	-110.50	56.67	-73.10	56.67	-59.20	56.67	-52.30	52.30
48.000 (3)	-120.00	56.67	-104.40	56.67	-64.80	56.67	-53.90	53.90	-48.00	48.00
53.125 (4)	-120.00	56.67	-99.70	56.67	-59.50	56.67	-47.90	47.90	-43.10	43.10

COMPARATIVE ANALYSIS NOTES:

- Numbers in () parentheses are quantity of anchors per side.
- Negative Design Loads based on Comparative Analysis and Glass Table ASTM E1300.
- Positive Design Loads based on Comparative Analysis and Water Test Pressure.
- Numbers are for #10 screws or 3/16" Tapcons. (#12 screws may be used instead of #10's)
- Anchors 5" max. from each corner and 5" max. on either side of meeting rail.
Max. anchor spacing of 16" at jambs and 20" at head and sill.



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 02-0302.03
 Expiration Date 10/04/06
 By: Glenn E. Kaman
 Miami Dade Product Control
 Division 7/15/02

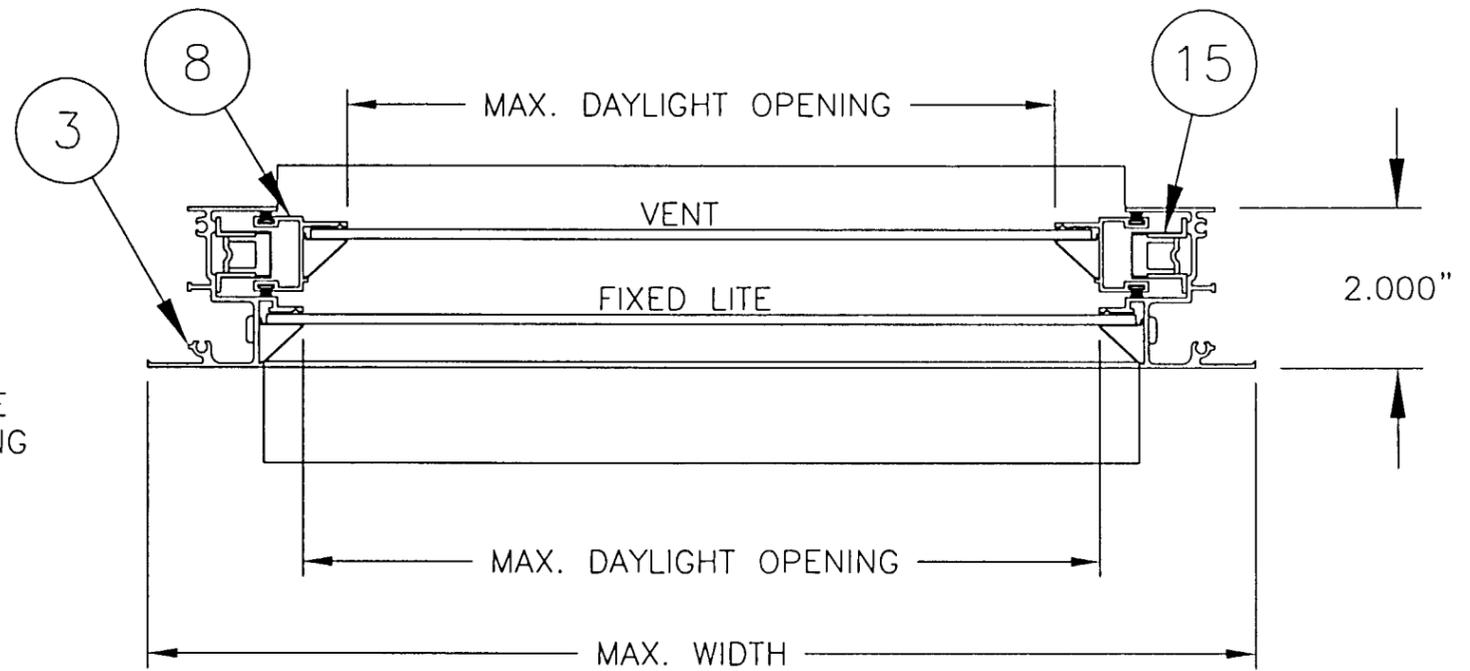
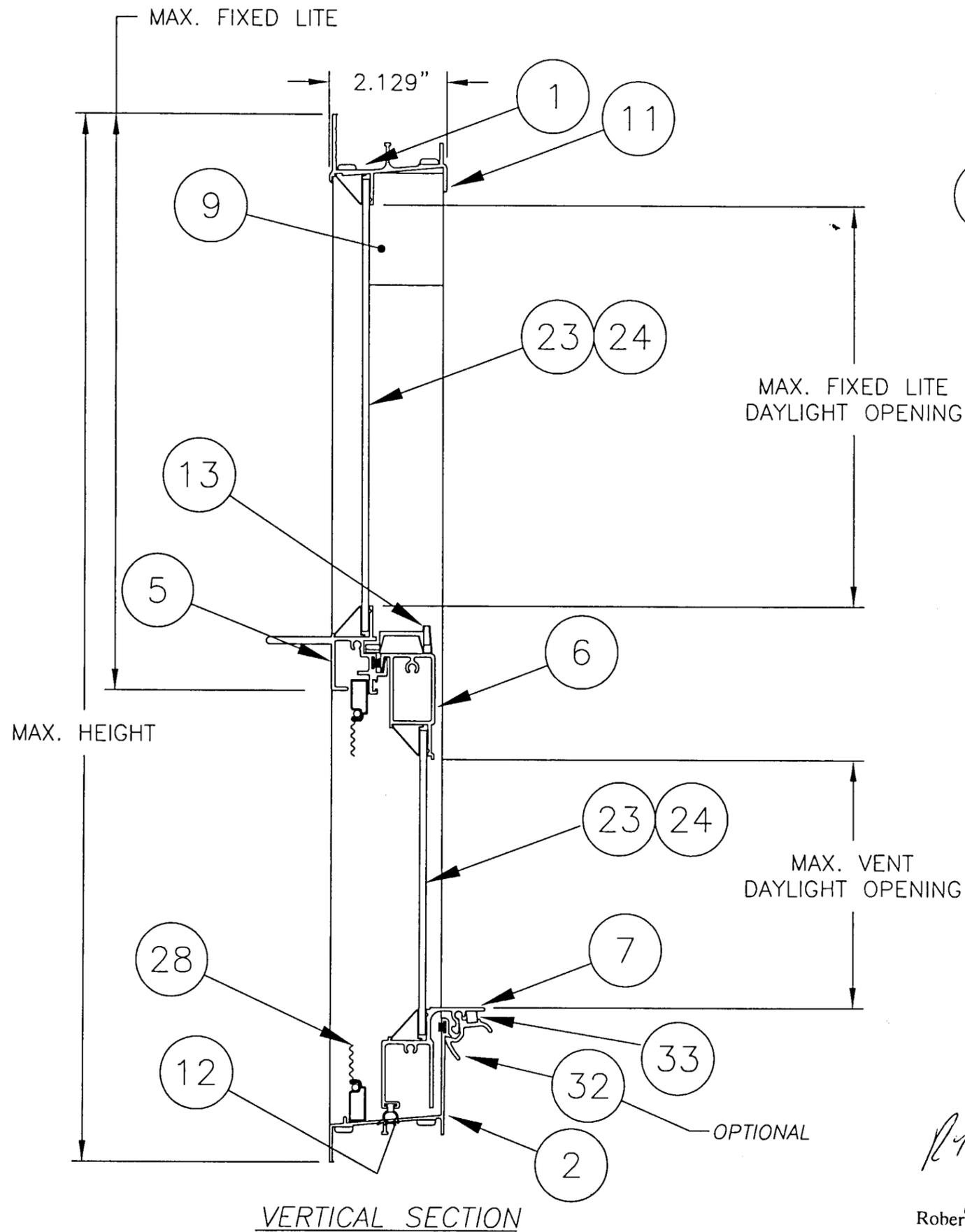
APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE OCTOBER 04, 2001
 BY: Ishag I. Chande
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 01-0516.1

NON-IMPACT WINDOWS

- TEST REPORT, GLAZING, MAXIMUM SIZE
 A) FTL-2957, 3/16" TEMPERED, 53.125 x 76.000 (A1, A3, A4)
 B) FTL-2958, 3/16" ANNEALED, 53.125 x 76.000
- MANUFACTURED WITH HEAVY DUTY MEETING RAIL
- SHUTTERS ARE REQUIRED AT ALL INSTALLATIONS
- SEE SHEET 2 OF 7 FOR SECTION DETAILS

Robert L. Clark
 9/6/01
 Robert L. Clark, P.E.
 PE #39712
 Structural

PGT INDUSTRIES	Revsd By: <u>F.K.</u> Date: <u>9/6/01</u>	Revisions: <u>REDRAWN</u>
	Drawn By: <u>F.K.</u> Date: <u>4/18/01</u>	
Description: <u>FLANGED W/ 3/16T OR 3/16A GLASS</u>		
Title: <u>ALUMINUM SINGLE HUNG WINDOW (TG-B)</u>		
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: <u>SH-4000</u> Scale: <u>NTS</u> Sheet: <u>1 of 4</u> Drawing No. <u>2737</u> Rev: <u>A</u>



HORIZONTAL SECTION

NON-IMPACT WINDOWS

- 1.) TEST REPORT, GLAZING, MAXIMUM SIZE
 - A) FTL-2957, 3/16" TEMPERED, 53.125 x 76.000 (A1, A3, A4)
 - B) FTL-2958, 3/16" ANNEALED, 53.125 x 76.000
- 2.) MANUFACTURED WITH HEAVY DUTY MEETING RAIL
- 3.) SHUTTERS ARE REQUIRED AT ALL INSTALLATIONS

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 02-0702.03
 Expiration Date 10/04/06
 By *Michael Berman*
 Miami Dade Product Control
 Division

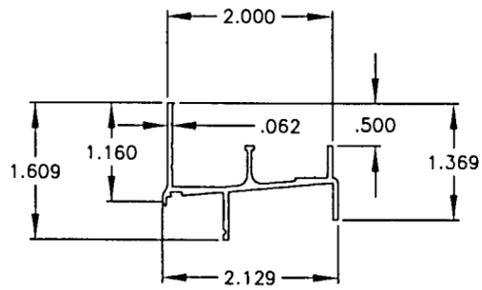
7/15/01

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE OCT 04, 2001
 BY Ismael J. Lhanda
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 01-0516.11

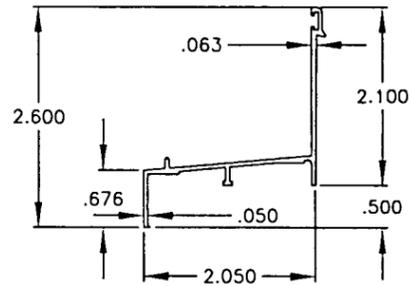
Robert L. Clark
 4/6/01
 Robert L. Clark, P.E.
 PE #39712
 Structural



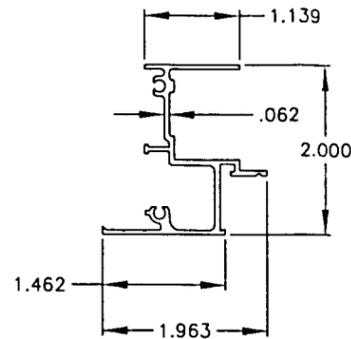
Revsd By: F.K.	Date: 9/6/01	Revisions: REDRAWN
Drawn By: F.K.	Date: 4/18/01	
Description: SECTIONS FROM SHEET 1, 3/16 GLASS		
Title: ALUMINUM SINGLE HUNG WINDOW (TG-B)		
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: SH-4000
Scale: NTS	Sheet: 2 of 4	Drawing No. 2737
		Rev: A



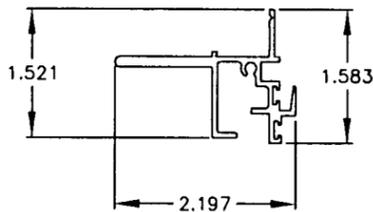
① HEAD EXTRUSION



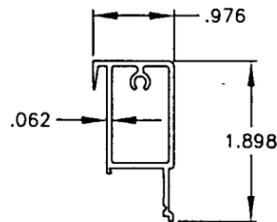
② SILL EXTRUSION



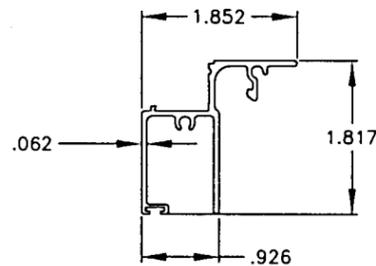
③ JAMB EXTRUSION



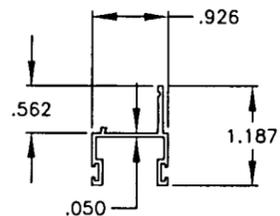
⑤ HEAVY DUTY MEETING RAIL



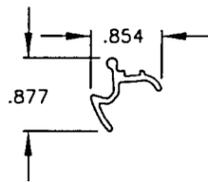
⑥ SASH TOP RAIL EXTRUSION



⑦ SASH BOTTOM RAIL EXTRUSION



⑧ SASH SIDE RAIL EXTRUSION



③② SASH RAIL BOTTOM LOCK

ITEM	DESCRIPTION	PGT #	VENDOR	VENDOR #
1	FLANGED FRAME HEAD	62703	6063-T6	
2	FLANGED FRAME SILL	62704	6063-T6	
3	FLANGED FRAME JAMB	62705	6063-T6	
5	HEAVY DUTY FIXED MEETING RAIL	6534525	6063-T6	534525
6	SASH TOP RAIL	6534522	6063-T6	534522
7	SASH BOTTOM RAIL	6534523	6063-T6	534523
8	SASH SIDE RAIL	6534524	6063-T6	534524
9	SASH STOP	66387	6063-T6	AF-6387
10	SASH CAM INSERT (L.H. & R.H.)	42800	PGT	
11	#8 x .750 QUAD PAN HEAD SMS	7834PA	SPENCER OR =	
12	WEATHERSTRIP, VINYL BULB W/LEAF	6TP249	TEAM PLASTICS	TP-249
13	SWEEP LATCH	71096	MINIATURE DIE CASTING	PGT.214.XX
14	#8 x .625 PHILLIPS FLAT HEAD SMS	7858	SPENCER OR =	
15	BALANCE		CALDWELL	
16	WEATHERSTRIP, .187 x .270 FIN	61062	TEAM PLASTICS	FS7826-187
17	WEATHERSTRIP, .187 x .200, FIN	67919	SCHLEGEL	FS7919-187
18	BALANCE TAKE-OUT CLIP	7121UM	CALDWELL	
19	SILICON GLAZING SEALANT	62899	DOW, GE OR EQUAL	
20	SSB 3/32" ANNEALED GLASS			
21	DSB 1/8" ANNEALED GLASS			
22	SSB & DSB GLAZING BEAD	65200	FLORIDA SCREEN OR =	05-200
23	3/16" ANNEALED GLASS			
24	3/16" TEMPERED GLASS			
25	3/16" GLAZING BEAD	65196	FLORIDA SCREEN OR =	05-196
26	#8 x 1.000 QUAD PAN HEAD SMS	781PQ	SPENCER OR =	
27	1" x 1.5" OPEN CELL FOAM PAD			
28	SCREEN ASSEMBLY			
32	SASH BOTTOM RAIL LOCK	62721	6063-T6	
33	SASH BOTTOM RAIL LOCK SPRING	62721	S. STL	

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 02-0702.03
 Expiration Date 10/04/06
 By: *Quentin Roman*
 Miami Dade Product Control
 Division

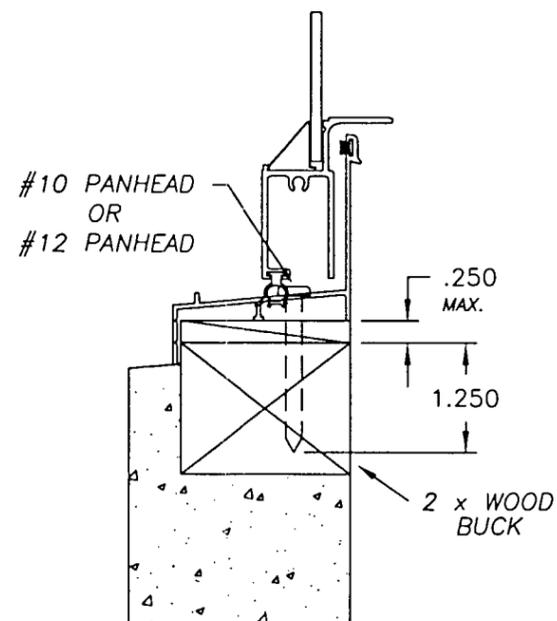
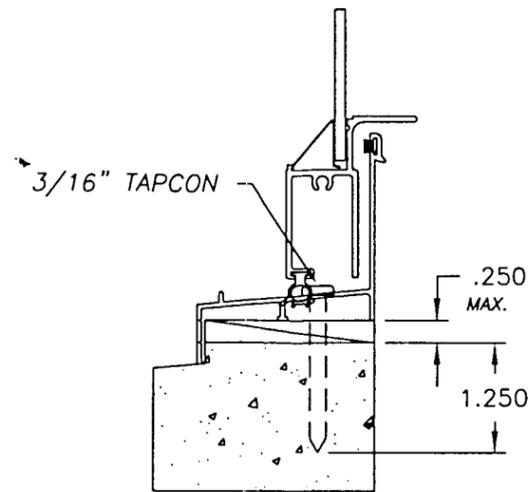
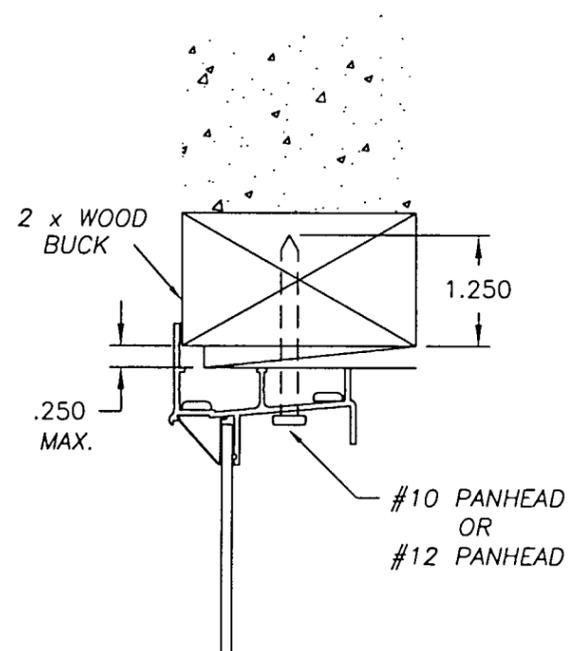
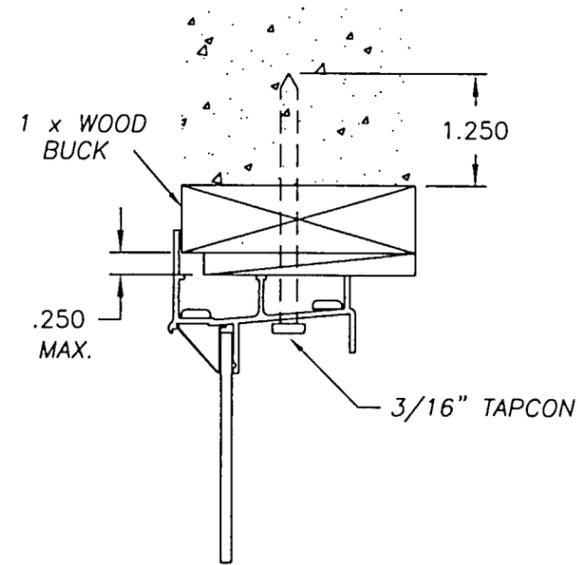
APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE OCT 04, 2001
 BY: *Ishag I. Chaudh*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 01-0516.11

REFERENCE TEST REPORTS: FTL-2957, FTL-2958

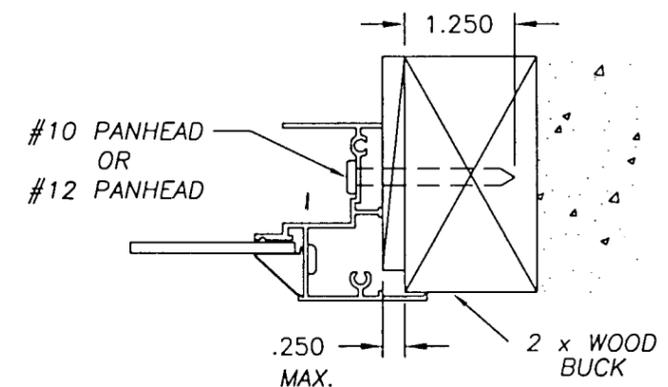
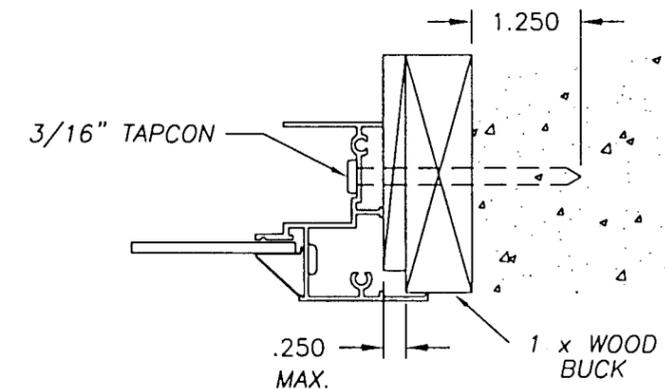
Robert Clark
 10/5/01
 ROBERT CLARK
 #39762

	Revsd By: F.K.	Date: 10/5/01	Revisions: RENUMBERED
	Drawn By: F.K.	Date: 4/18/01	
Description: PROFILES & PARTS			
Title: ALUMINUM SINGLE HUNG WINDOW (TG-B)			
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: SH-4000	Scale: NTS
		Sheet: 3 of 4	Drawing No. 2737
			Rev: C

TYPICAL HEAD CONFIGURATIONS



TYPICAL JAMB CONFIGURATIONS



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-0302-03
Expiration Date 10/04/06
By: *Florida Korman*
Miami Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE OCTOBER 04, 2001
BY Ishag I. Ghandy
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0516.11

7/15/17

TYPICAL SILL CONFIGURATIONS

NOTES:

- 1.) REFERENCE TEST REPORTS: FTL-2957 (A1, A3, A4), FTL-2958
- 2.) ANCHORS ARE #10 SCREWS OR 3/16" TAPCONS. (#12 SCREWS MAY BE USED INSTEAD)
- 3.) ANCHORS ARE LOCATED 5" MAXIMUM FROM EACH CORNER AND 5" MAXIMUM ON EITHER SIDE OF MEETING RAIL. MAXIMUM ANCHOR SPACING OF 16" AT JAMBS AND 20" AT HEAD AND SILL.

Robert L. Clark
9/6/01
Robert L. Clark, P.E.
PE #39712
Structural



Revsd By: F.K. Date: 9/6/01 Revisions: REDRAWN	Drawn By: F.K. Date: 4/18/01					
	Description: ANCHORAGE DETAILS - FLANGE Title: ALUMINUM SINGLE HUNG WINDOW (TG-B)					
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: SH-4000	Scale: NTS	Sheet: 4 of 4	Drawing No. 2737	Rev: A