



**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)

**Traco Security Windows and Doors, Inc.,
71 Progress Avenue,
Cranberry Township, PA 16066**

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 245/545 Aluminum Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. 06-TRA-0007, titled: “**Series 5758 (545/245) Fixed Window Large Missile Impact Resistant**”, sheets 1 through 3 of 3, dated 01/26/07, revised on 07/02/08, prepared by Engineering Express, signed and sealed by Frank L. Bernardo, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large Missile Impact

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 **Fitz A. Harris P.E.**



Fitz A. Harris
01/22/09

**NOA No 08-0827.25
Expiration Date: February 18, 2014
Approval Date: February 18, 2009**

Crawford Tracey Corp.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **06-TRA-0007** titled: **Series-5758 (545) Fixed Window Large Missile Impact Resistant** sheets 1 through 3, prepared by Engineering Express, dated 01/26/07, revised 7/02/08 signed and sealed by Frank L. Bennardo, P.E.

B. TESTS

1. Test report on: 1) Large Missile Impact Test TAS 201
2) Cyclic Wind Pressure Loading TAS 203
3) Uniform Static Air Pressure Test, Loading per TAS 202
along with marked-up drawings of aluminum fixed windows, prepared by Farabaugh Engineering and Testing Inc., Test Report No. T129-08, dated 03/24/08, 08 revised on 11/17/08 signed and sealed by Daniel Farabaugh.

C. CALCULATIONS

1. Anchor Calculations and Glass Analysis for Traco Series-5758(245/545) Alum Fixed Window LMI prepared by Engineering Express, dated 01/12/09, signed and sealed by Frank L Bennardo P. E..

D. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **06-1205.10** issued to E.I. DuPont de Nemours for "Dupont Sentry Glass Plus dated 01/14/07, expiring on 01/14/12.

E. STATEMENTS

1. Statement letter of compliance issued by Engineering Express, dated 08/25/08 signed and sealed by Frank L Bennardo P.E.
2. Statement letter of no financial interest issued by Engineering Express, signed and sealed on 03/05/07 by Frank L Bennardo P.E.
3. Proposal letter dated 04/08/08 by Traco Windows and Door Inc.

F. OTHER

1. None.



Fitz A. Harris, P.E

Product Control Examiner

NOA No 08-0827.25

Expiration Date: February 18, 2014

Approval Date: February 18, 2009

SERIES PW 15/PW545 ALUMINUM FIXED WINDOW

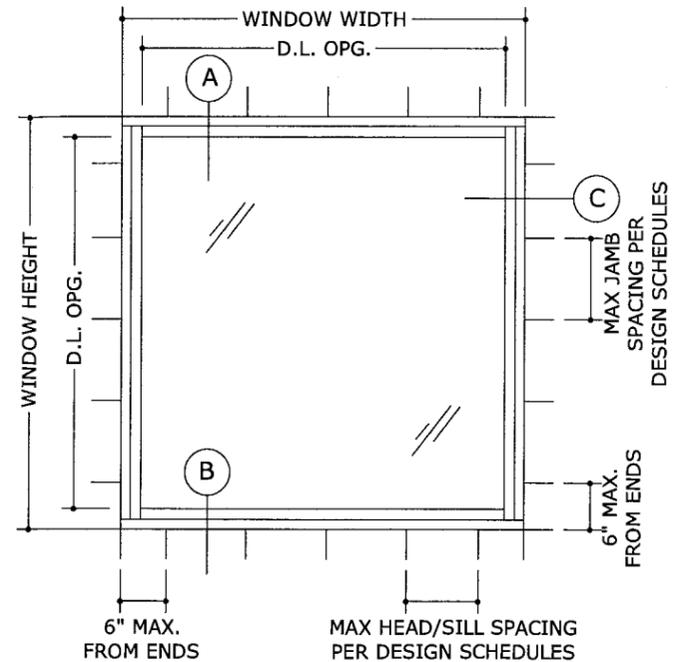
LARGE MISSILE IMPACT RESISTANT

FRANK L. BENNARDO, P.E.
PE0046549

11/11/2008

GENERAL NOTES:

1. THE SYSTEM DESCRIBED HEREIN HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE 2004 AND 2007 EDITIONS OF THE FLORIDA BUILDING CODE, FOR USE WITHIN THE HIGH VELOCITY HURRICANE ZONE, PER TAS 201 / 202 / 203 AND ASTM E1300-04 STANDARDS.
2. NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. WIND LOAD DURATION FACTOR Cd=1.6 HAS BEEN USED FOR WOOD ANCHOR DESIGN.
3. POSITIVE AND NEGATIVE DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED BY OTHERS ON A JOB-SPECIFIC BASIS IN ACCORDANCE WITH THE GOVERNING CODE.
4. MULTIPLE UNITS MUST BE INSTALLED USING MIAMI-DADE COUNTY BCCO-APPROVED STRUCTURAL MULLIONS.
5. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT.
6. PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS. WOOD BUCKS (BY OTHERS) SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.
7. ALL EXTRUSIONS SHALL BE 6063-T5 ALUMINUM ALLOY, UNLESS NOTED OTHERWISE.
8. UNITS GLAZED WITH 7/16" LAMINATED GLASS ARE LARGE MISSILE IMPACT RESISTANT AND DO NOT REQUIRE IMPACT RESISTANT SHUTTERS.
9. EXTERIOR SEAM OF FRAME CORNERS, INSTALLATION SCREWS AND GLAZING BEAD SHALL BE SEALED WITH SILICONE. FRAME CORNERS SHALL BE SEALED WITH SEAM SEALANT.
10. ALL BOLTS & WASHERS SHALL BE ZINC COATED STEEL, GALVANIZED STEEL, OR STAINLESS STEEL WITH A MINIMUM TENSILE YIELD STRENGTH OF 60 KSI.
11. ALL STEEL IN CONTACT WITH ALUMINUM SHALL BE PAINTED OR PLATED.



TYPICAL ELEVATION

SCALE 1/2" = 1'

Approved as complying with the
Florida Building Code
Date 01/22/09
Project 08-0827-25
Miami Dade Product Control
Division
Sty Harris

ENGINEERING EXPRESS

160 SW 12th AVENUE, # 106
DEERFIELD BEACH, FL 33442
PH: (954) 354-0660 FAX: (954) 354-0443
WWW.ENGEXP.COM

A FRANK L. BENNARDO, P.E., INC. INNOVATION
CERT OF AUTH #9885

71 Progress Avenue
Cranberry Township, PA 16166
Tel: (724) 776-7000

TRACO
Windows & Doors Inc.

SERIES 5758 (545/245) FIXED WINDOW
LARGE MISSILE IMPACT RESISTANT



REMARKS	DATE	DRWN	CHKD
INIT ISSUE	01/26/07	JEM	ICL
ADD PW245	7-02-08	TSB	ICL

THIS DOCUMENT IS THE PROPERTY OF ENGINEERING EXPRESS AND SHALL NOT BE REPRODUCED IN WHOLE OR PART WITHOUT WRITTEN CONSENT OF THE CREATING ENGINEER. ALTERATIONS, ADDITIONS, HIGHLIGHTING, OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE OUR CERTIFICATION.

COPYRIGHT ENGINEERING EXPRESS

06-TRA-0007

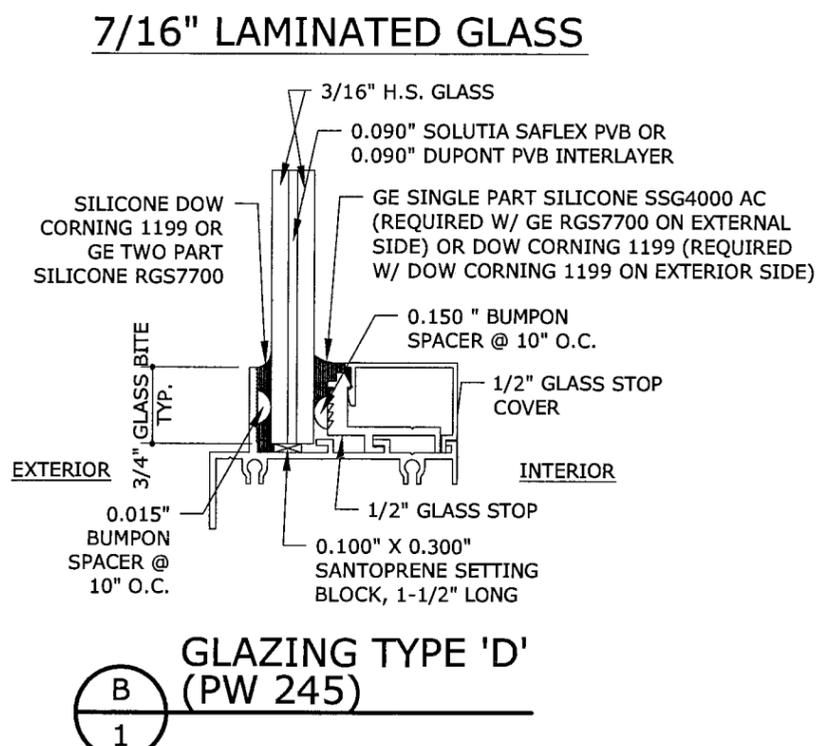
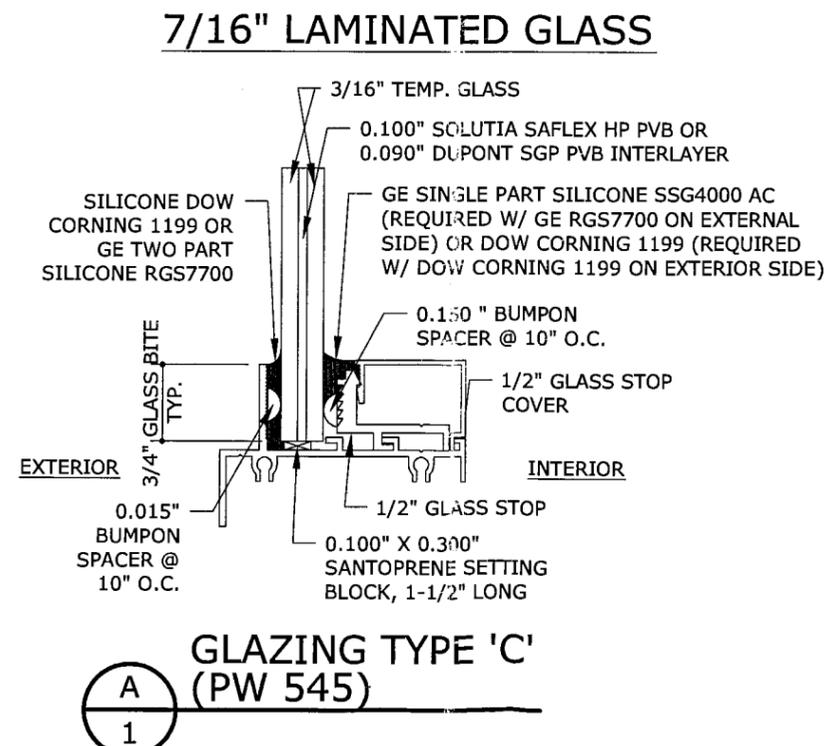
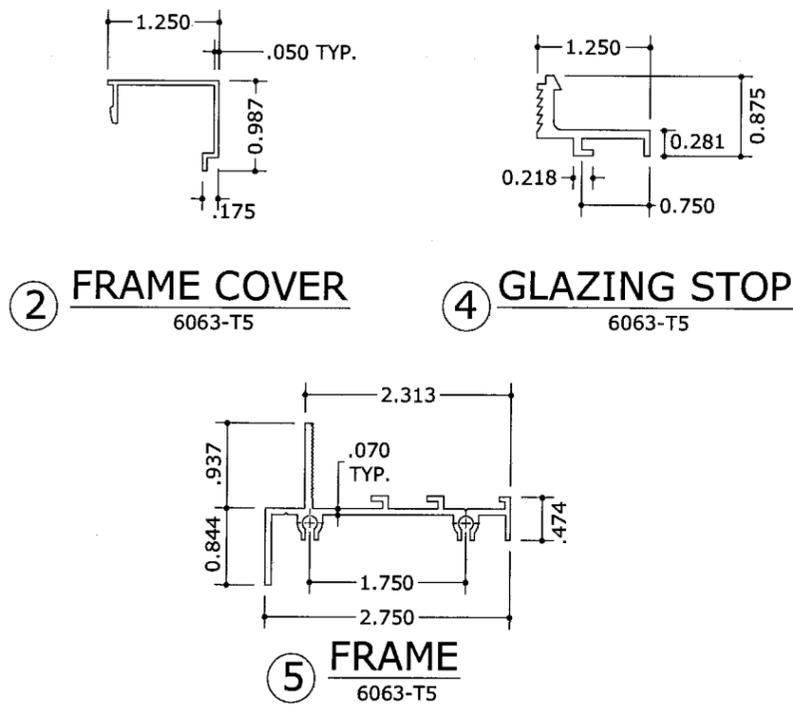
SCALE: **01**

PAGE DESCRIPTION:

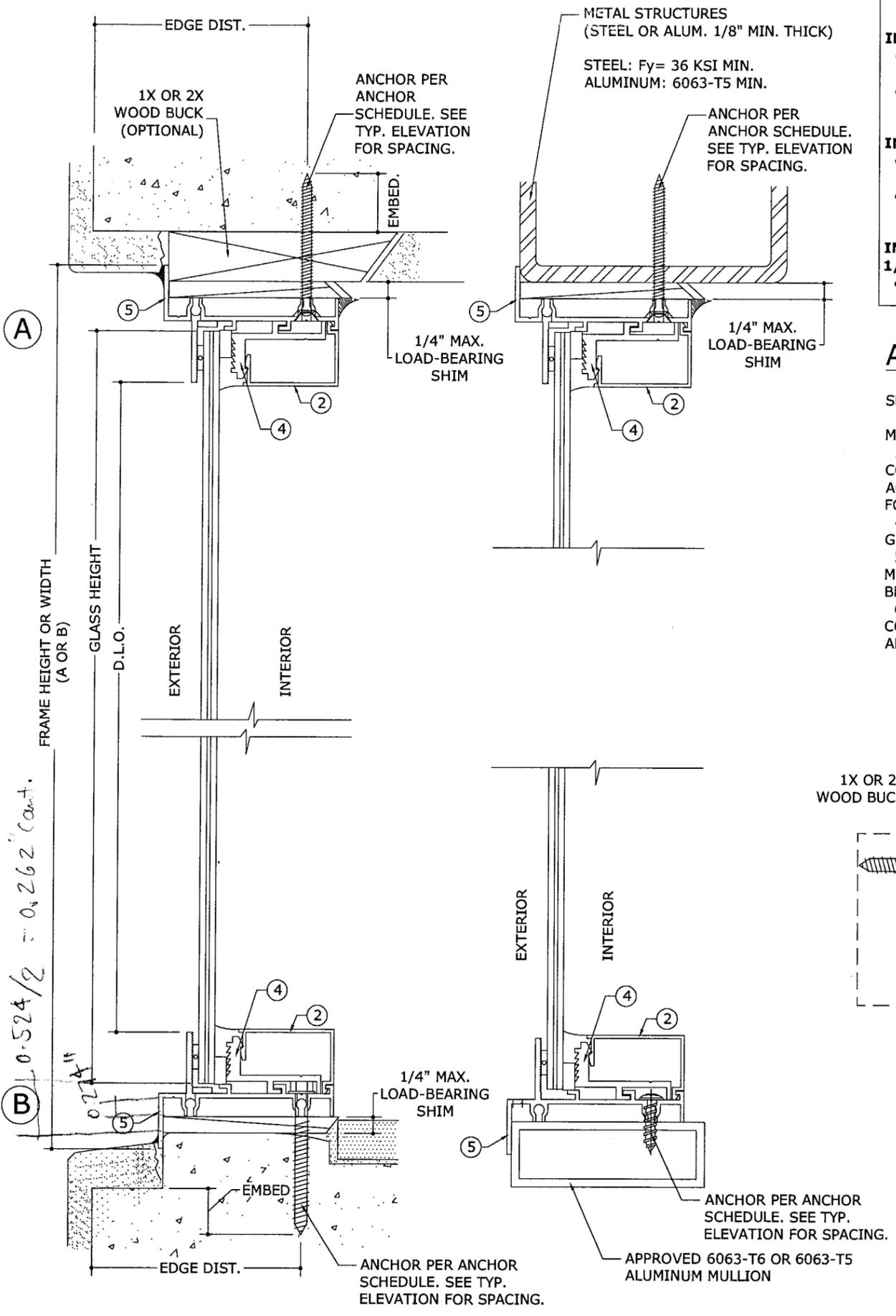
1 OF 3

1

F:\01 Project Files\Traco (TRA)\2006 Jobs\06-TRA-0007 PW-545 (6758).LMI (NOA)\06-TRA-0007 PW-545 (5758).dwg 11/11/2008 - 1:11pm TroyB



11/1/2008 - 1:12pm TroyB F:\01 Project Files\Traco (TRA)\2006 Jobs\06-TRA-0007 PW-545 (5758).dwg



ANCHOR SCHEDULE:

INTO HOLLOW BLOCK OR CONCRETE:

- 1/4" TAPCONS (ELCO OR ITW) THRU WOOD BUCKS OR DIRECTLY INTO MASONRY/ CONCRETE WITH 1-1/4" MIN EMBED.
- 3/16" TAPCONS (ELCO OR ITW) THRU WOOD BUCKS OR DIRECTLY INTO MASONRY/ CONCRETE WITH 1-1/4" MIN EMBED.

INTO WOOD BUCK OR WOOD STRUCTURE:

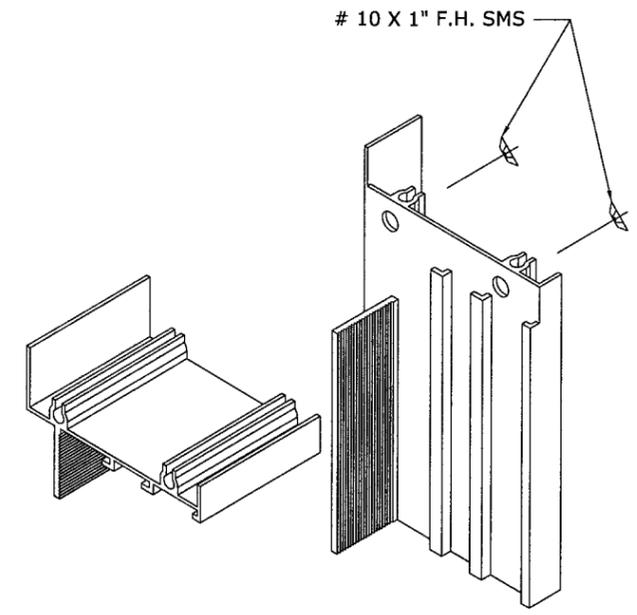
- 3/16" TAPCONS (ELCO OR ITW) OR #12 WOOD SCREWS WITH 1-1/2" MIN. THREAD PENETRATION.
- 1/4" TAPCONS (ELCO OR ITW) OR #14 WOOD SCREWS WITH 1-1/2" MIN. THREAD PENETRATION.

INTO METAL STRUCTURES OR INTO APPROVED MULLIONS (MIN. 1/8" THICKNESS):

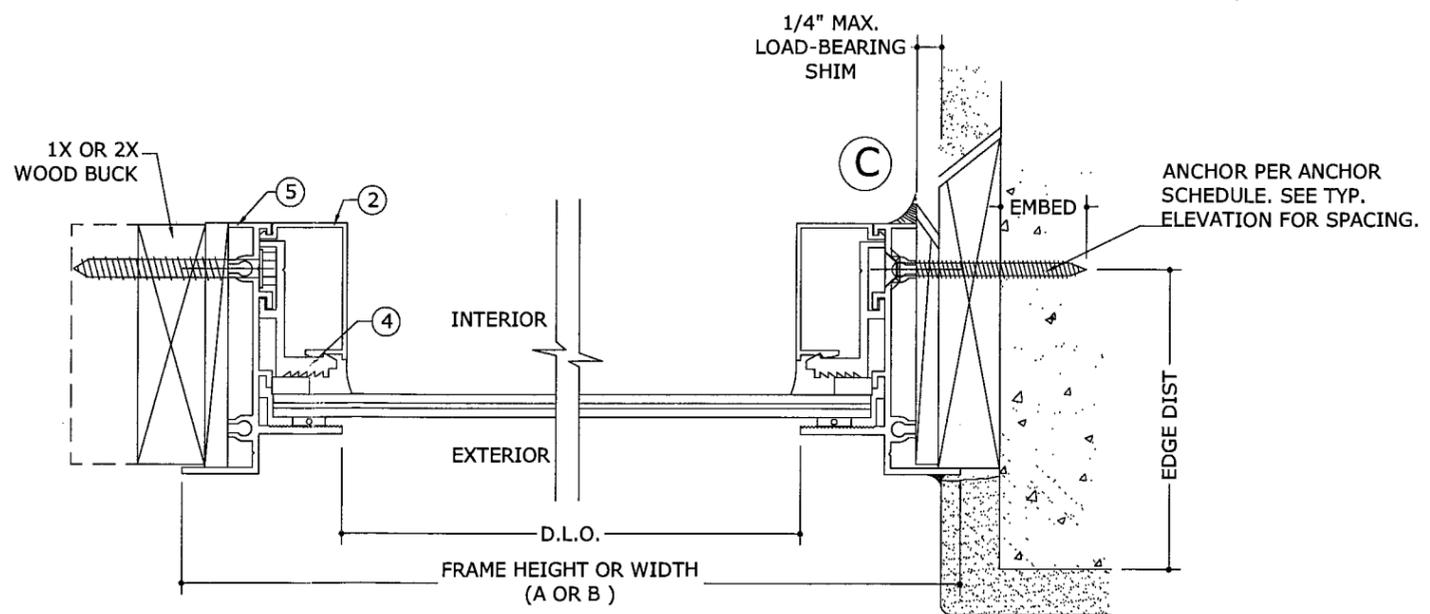
- #12 SMS/SELF-DRILLING METAL SCREWS (1/8" MIN THICKNESS).

ANCHOR NOTES:

1. SEE EXTERIOR ELEVATION FOR ANCHOR LOCATIONS AND/OR SPACING.
2. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.
3. ENSURE MINIMUM 2-1/2" EDGE DISTANCE FOR ALL ANCHORS TO CONCRETE & TO HOLLOW BLOCK. EDGE DISTANCE OF 1/2" IS ACCEPTABLE FOR ANCHORS TO STEEL OR ALUMINUM AND 1" MINIMUM FOR ANCHORS TO WOOD.
4. WOOD HOST STRUCTURE SHALL BE "SOUTHERN PINE" G=0.55 OR GREATER DENSITY.
5. MINIMUM EMBEDMENT SHALL BE AS NOTED IN ANCHOR SCHEDULE. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES STUCCO, FOAM, BRICK, AND OTHER WALL FINISHES.
6. WHERE EXISTING STRUCTURE IS WOOD FRAMING, EXISTING CONDITIONS MAY VARY. FIELD VERIFY THAT FASTENERS ARE INTO ADEQUATE WOOD FRAMING MEMBERS, NOT INTO PLYWOOD.



TYPICAL CORNER CONSTRUCTION



Approved as complying with the Florida Building Code
 Date 01/22/09
 NOA# 08-0827-25
 Miami Dade Product Control Division
 By *Stacy Harris*

FRANK L. BENNARDO, P.E.
 # PE0046549

11/11/2008

ENGINEERING EXPRESS

160 SW 12th AVENUE, #106
 DEERFIELD BEACH, FL 33442
 PH: (954) 354-0660 FAX: (954) 354-0443
 WWW.ENGEXP.COM

CERT OF AUTH #9885
 A. FRANK L. BENNARDO, P.E., INC. INNOVATION

71 Progress Avenue
 Cranberry Township, PA 16166
 Tel. (724) 776-7000

TRACO
 Windows & Doors Inc.

SERIES 5758 (545/245) FIXED WINDOW
 LARGE MISSILE IMPACT RESISTANT

REMARKS	DRWN	CHKD	DATE
INIT ISSUE	JEM	CL	01/26/07
ADD PW2/5	TSB	CL	7-02-08

THIS DOCUMENT IS THE PROPERTY OF ENGINEERING EXPRESS AND SHALL NOT BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT THE WRITTEN PERMISSION OF ENGINEERING EXPRESS. ENGINEER, ARCHITECTS, CONTRACTORS, HIGHLY LIGHTING, OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE OUR CERTIFICATION.

COPYRIGHT ENGINEERING EXPRESS

06-TRA-0007

SCALE: 1/8" = 1'-0"

PAGE DESCRIPTION: 01

2 OF 3

TABLE ①

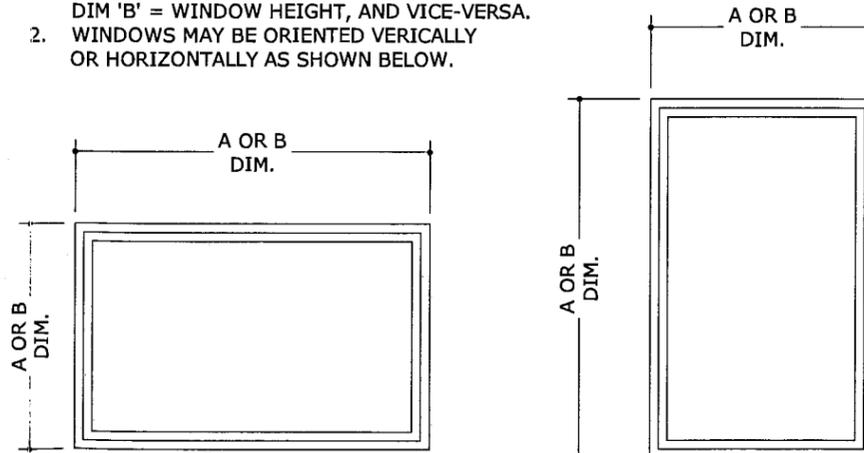
LARGE MISSILE IMPACT RESISTANT WINDOWS SHUTTERS NOT REQUIRED											
WINDOW DIMENSIONS		REQUIRED ANCHOR SPACING	DESIGN LOAD CAPACITY								
			GLAZING TYPE 'C'				GLAZING TYPE 'D'				
			3/16" TAPCONS		1/4" TAPCONS		3/16" TAPCONS		1/4" TAPCONS		
DIM 'A'	DIM 'B'		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	
18"	36"	8" O.C.	120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf	
24"		8" O.C.	120.0 psf	113.2 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf	
30"		8" O.C.	120.0 psf	90.5 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf	
36"		8" O.C.	120.0 psf	75.4 psf	120.0 psf	120.0 psf	90.0 psf	75.4 psf	90.0 psf	90.0 psf	
42"		8" O.C.	120.0 psf	80.8 psf	120.0 psf	120.0 psf	90.0 psf	80.8 psf	90.0 psf	90.0 psf	
48"		8" O.C.	120.0 psf	84.9 psf	120.0 psf	120.0 psf	90.0 psf	84.9 psf	90.0 psf	90.0 psf	
54"		8" O.C.	120.0 psf	88.0 psf	120.0 psf	120.0 psf	90.0 psf	88.0 psf	90.0 psf	90.0 psf	
60"		8" O.C.	120.0 psf	79.2 psf	120.0 psf	120.0 psf	90.0 psf	79.2 psf	90.0 psf	90.0 psf	
18"		48"	7" O.C.	120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf
24"			7" O.C.	120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf
30"	7" O.C.		120.0 psf	118.8 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf	
36"	7" O.C.		120.0 psf	99.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf	
42"	7" O.C.		120.0 psf	84.9 psf	120.0 psf	120.0 psf	90.0 psf	84.9 psf	90.0 psf	90.0 psf	
48"	7" O.C.		120.0 psf	74.3 psf	120.0 psf	120.0 psf	90.0 psf	74.3 psf	90.0 psf	90.0 psf	
54"	7" O.C.		120.0 psf	66.0 psf	120.0 psf	120.0 psf	90.0 psf	66.0 psf	90.0 psf	90.0 psf	
60"	7" O.C.		120.0 psf	67.9 psf	120.0 psf	120.0 psf	90.0 psf	67.9 psf	90.0 psf	90.0 psf	
18"	60"		6" O.C.	120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf
24"			6" O.C.	120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf
30"		6" O.C.	120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf	
36"		6" O.C.	120.0 psf	101.9 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf	
42"		6" O.C.	120.0 psf	87.3 psf	120.0 psf	120.0 psf	90.0 psf	87.3 psf	90.0 psf	90.0 psf	
48"		6" O.C.	120.0 psf	76.4 psf	120.0 psf	120.0 psf	90.0 psf	76.4 psf	90.0 psf	90.0 psf	
54"		5" O.C.	120.0 psf	83.0 psf	120.0 psf	120.0 psf	90.0 psf	83.0 psf	90.0 psf	90.0 psf	
60"		5" O.C.	120.0 psf	74.7 psf	120.0 psf	120.0 psf	90.0 psf	73.7 psf	90.0 psf	90.0 psf	
18"		72"	6" O.C.	120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf
24"			6" O.C.	120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf
30"	6" O.C.		120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf	
36"	6" O.C.		120.0 psf	103.7 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf	
42"	6" O.C.		120.0 psf	88.9 psf	120.0 psf	120.0 psf	90.0 psf	88.9 psf	90.0 psf	90.0 psf	
48"	6" O.C.		112.5 psf	77.8 psf	112.5 psf	112.5 psf	84.4 psf	77.8 psf	84.4 psf	84.4 psf	
18"	84"		6" O.C.	120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf
24"			6" O.C.	120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf
30"			6" O.C.	120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf
36"			6" O.C.	120.0 psf	105.1 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf
42"		6" O.C.	114.3 psf	90.1 psf	114.3 psf	114.3 psf	85.7 psf	85.7 psf	85.7 psf	85.7 psf	
18"		96"	6" O.C.	120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf
24"			6" O.C.	120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf
30"			6" O.C.	120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf
36"			6" O.C.	120.0 psf	106.1 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf

TABLE ②

LARGE MISSILE IMPACT RESISTANT WINDOWS SHUTTERS NOT REQUIRED											
WINDOW DIMENSIONS		REQUIRED ANCHOR SPACING	DESIGN LOAD CAPACITY								
			GLAZING TYPE 'C'				GLAZING TYPE 'D'				
			3/16" TAPCONS		1/4" TAPCONS		3/16" TAPCONS		1/4" TAPCONS		
DIM 'A'	DIM 'B'		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	
19.125"	26.000"	8" O.C.	120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf	
26.500"		8" O.C.	120.0 psf	106.4 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf	
37.000"		8" O.C.	120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf	
53.125"		8" O.C.	120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf	
19.125"	38.375"	8" O.C.	120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf	
26.500"		8" O.C.	120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf	
37.000"		8" O.C.	120.0 psf	86.1 psf	120.0 psf	120.0 psf	90.0 psf	86.1 psf	90.0 psf	90.0 psf	
53.125"		8" O.C.	120.0 psf	83.9 psf	120.0 psf	120.0 psf	90.0 psf	83.9 psf	90.0 psf	90.0 psf	
19.125"	50.625"	6" O.C.	120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf	
26.500"		6" O.C.	120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf	
37.000"		6" O.C.	120.0 psf	104.4 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf	
53.125"		6" O.C.	120.0 psf	72.7 psf	120.0 psf	120.0 psf	90.0 psf	72.7 psf	90.0 psf	90.0 psf	
19.125"	57.000"	6" O.C.	120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf	
26.500"		6" O.C.	120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf	
37.000"		6" O.C.	120.0 psf	104.3 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf	
53.125"		6" O.C.	120.0 psf	72.7 psf	120.0 psf	120.0 psf	90.0 psf	72.7 psf	90.0 psf	90.0 psf	
19.125"	63.000"	6" O.C.	120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf	
26.500"		6" O.C.	120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf	
37.000"		6" O.C.	120.0 psf	104.9 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf	
53.125"		6" O.C.	117.2 psf	73.0 psf	117.2 psf	117.2 psf	87.9 psf	73.0 psf	87.9 psf	87.9 psf	
19.125"	74.250"	8" O.C.	120.0 psf	120.0 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf	
26.500"		8" O.C.	120.0 psf	111.8 psf	120.0 psf	120.0 psf	90.0 psf	90.0 psf	90.0 psf	90.0 psf	
37.000"		8" O.C.	120.0 psf	80.1 psf	120.0 psf	120.0 psf	90.0 psf	80.1 psf	90.0 psf	90.0 psf	
53.125"		8" O.C.	120.0 psf	80.1 psf	120.0 psf	120.0 psf	90.0 psf	80.1 psf	90.0 psf	90.0 psf	

DESIGN LOAD CAPACITY TABLE NOTES

- IF DIM 'A' = WINDOW WIDTH, THEN DIM 'B' = WINDOW HEIGHT, AND VICE-VERSA.
- WINDOWS MAY BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN BELOW.



Approved as complying with the Florida Building Code
 Date 01/22/09
 NOA# 08-0827-25
 Miami Dade Product Control Division
 By *[Signature]*

11/11/2008

ENGINEERING EXPRESS
 160 SW 12th AVENUE, # 106
 DEERFIELD BEACH, FL 33442
 PH: (954) 354-0660 FAX: (954) 354-0443
 WWW.ENGEXP.COM
 CERT. OF AUTH. #9885
 A FRANK L. BENNARDO, P.E., INC. INNOVATION

71 Progress Avenue,
 Cranberry Township, PA 16166
 Tel. (724) 776-7000

TRACO
 Windows & Doors Inc.
 SERIES 5758 (545/245) FIXED WINDOW
 LARGE MISSILE IMPACT RESISTANT

REMARKS	DATE	DRWN	CHKD
INIT ISSUE	01/26/07	JEM	CL
ADD PW245	7-02-08	TSB	CL

THIS DOCUMENT IS THE PROPERTY OF ENGINEERING EXPRESS AND SHALL NOT BE REPRODUCED IN WHOLE OR PART WITHOUT WRITTEN CONSENT OF THE CERTIFYING ENGINEER. ALTERATIONS, ADDITIONS, HIGHLIGHTING, OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE OUR CERTIFICATION.

COPYRIGHT ENGINEERING EXPRESS

06-TRA-0007

SCALE: 01

PAGE DESCRIPTION: