

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

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www.miamidade.gov/building

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

NOTICE OF ACCEPTANCE (NOA)

PGT Industries, Inc. 1070 Technology Drive North Venice, FL 34275

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: Series "DH-5560" PVC Double Hung Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **MD-DH5560-01** titled "Double Hung Window Installation - LM", sheets 1 through 14 of 14, dated 05/15/15, with revision C dated 03/11/20, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, 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 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 **renews and revises NOA # 17-0630.10** and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4 and E-5, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.

(MIAMI-DADE COUNTY)
APPROVED

Atum

NOA No. 20-0401.06 Expiration Date: September 17, 2025 Approval Date: July 30, 2020

Page 1

1. Evidence submitted under NOA # 17-0630.10

A. DRAWINGS

- 1. Manufacturer's die drawings and sections. (Submitted under NOA No. 15-0812.04)
- 2. Drawing No. **MD-DH5560-01** titled "Double Hung Window Installation LM", sheets 1 through 14 of 14, dated 05/15/15, with revision B dated 06/06/17, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

B. TESTS

- 1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 2) Large Missile Impact Test per FBC, TAS 201-94
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of a PVC sliding glass door, a PVC fixed window and an aluminum sliding glass door, using: Kodispace 4SG TPS spacer system, Duraseal® spacer system, Super Spacer® NXTTM spacer system and XL EdgeTM spacer system at insulated glass, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-8717**, **FTL-8968** and **FTL-8970**, dated 11/16/15, 06/07/16 and 06/02/16 respectively, all signed and sealed by Idalmis Ortega, P.E.

(Submitted under previous NOA No. 16-0714.09)

- 2. 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 203-94

along with marked-up drawings and installation diagram of series 5460 and series 5560 PVC double hung windows, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-8006**, dated 04/27/15, signed and sealed by Idalmis Ortega, P.E. (Submitted under NOA No. 15-0812.04)

- 3. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 2) Large Missile Impact Test per FBC, TAS 201-94
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of a series 5560 PVC double hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-8007**, dated 04/28/15, signed and sealed by Idalmis Ortega, P.E.

(Submitted under NOA No. 15-0812.04)

Carlos M. Utrera P.E. Product Control Examiner NOA No. 20-0401.06

Expiration Date: September 17, 2025 Approval Date: July 30, 2020

C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with FBC 5th Edition (2014) and FBC 6th Edition (2017), dated 07/30/15 and updated on 08/29/17, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E. (Submitted under NOA No. 15-0812.04)
- 2. Glazing complies with ASTM E1300-09

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS (CONTINUED)

- 1. Notice of Acceptance No. 16-1117.01 issued to Kuraray America, Inc. for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers" dated 01/19/17, expiring on 07/08/19.
- 2. 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.
- 3. Notice of Acceptance No. 16-0712.03 issued to ENERGI Fenestration Solutions USA for their "White Rigid PVC Exterior Extrusions for Windows and Doors" dated 08/10/17, expiring on 02/28/18.
- 4. Notice of Acceptance No. 16-0712.04 issued to ENERGI Fenestration Solutions USA, Inc. for their "Bronze and Lighter Shades of Cap Coated White Rigid PVC Exterior Extrusions for Windows and Doors" dated 09/15/16, expiring on 04/16/20.
- 5. Notice of Acceptance No. 16-0712.05 issued to ENERGI Fenestration Solutions USA, Inc. for their "Performance Core Rigid PVC Exterior Extrusions for Windows and Doors" dated 09/15/16, expiring on 04/16/20.

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Carlos M. Utrera P.E. Product Control Examiner NOA No. 20-0401.06 Expiration Date: September 17, 2025

Approval Date: July 30, 2020

F. STATEMENTS

- 1. Statement letter of conformance, complying with FBC 5th Edition (2014) and FBC 6th Edition (2017), dated June 22, 2017, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
- 2. Statement letter of no financial interest, dated June 22, 2017, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
- 3. Proposal issued by Product Control, dated 8/6/14 and revised on 8/19/14, signed by Jaime Gascon, P.E. Supervisor, Product Control Section.
 - (Submitted under NOA No. 15-0812.04)
- **4.** Proposal No. **16-0125** issued by the Product Control Section, dated March 09, 2016, signed by Ishaq Chanda, P.E.
 - (Submitted under previous NOA No. 16-0714.09)

G. OTHERS

1. Notice of Acceptance No. **16-0714.09**, issued to PGT Industries, Inc. for their Series "DH-5560" PVC Double Hung Window - L.M.I." approved on 08/25/16 and expiring on 09/17/20.

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Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 20-0401.06
Expiration Date: September 17, 2025

Approval Date: July 30, 2020

PGT Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. New evidence submitted

A. DRAWINGS

- 1. Manufacturer's die drawings and sections.
- 2. Drawing No. **MD-DH5560-01** titled "Double Hung Window Installation LM", sheets 1 through 14 of 14, dated 05/15/15, with revision C dated 03/11/20, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, 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 ASTM F588 and TAS 202-94

along with marked-up drawings and installation diagram of all PGT Industries, Inc. representative units listed below and tested to qualify **Dowsil 791** and **Dowsil 983** silicones, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.: **FTL-7897**, PGT PW5520 PVC Fixed Window (unit 6 in proposal), dated 09/03/14 **FTL-20-2107.1**, PGT SGD780 Aluminum Sliding Glass Door (unit 7 in proposal) **FTL-20-2107.2**, PGT CA740 Alum. Outswing Casement Window (unit 8 in proposal) **FTL-20-2107.3**, PGT PW7620A Aluminum Fixed Window (unit 9 in proposal) and **FTL-20-2107.4**, PGT PW7620A Aluminum Fixed Window (unit 10 in proposal) dated 07/13/20, all signed and sealed by Idalmis Ortega, P.E

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC 6th Edition (2017) and FBC 7th Edition (2020), dated 03/13/20, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

D. QUALITY ASSURANCE

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

Carlos M. Utrera, P.E. Product Control Examiner NOA No. 20-0401.06

Expiration Date: September 17, 2025 Approval Date: July 30, 2020

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 19-0305.02 issued to Kuraray America, Inc. for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers" dated 05/09/19, expiring on 07/08/24.
- 2. Notice of Acceptance No. 17-0808.02 issued to Kuraray America, Inc. for their "SentryGlas® (Clear and White) Glass Interlayers" dated 12/28/17, expiring on 07/04/23.
- 3. Notice of Acceptance No. 18-0122.02 issued to ENERGI Fenestration Solutions USA for their "White Rigid PVC Exterior Extrusions for Windows and Doors" dated 08/10/17, expiring on 02/28/23.
- 4. Notice of Acceptance No. 20-0203.03 issued to ENERGI Fenestration Solutions USA, Inc. for their "Bronze and Lighter Shades of Cap Coated White Rigid PVC Exterior Extrusions for Windows and Doors" dated 09/15/16, expiring on 04/16/25.
- 5. Notice of Acceptance No. **20-0203.04** issued to ENERGI Fenestration Solutions USA, Inc. for their "**Performance Core Rigid PVC Exterior Extrusions for Windows and Doors**" dated 09/15/16, expiring on 04/16/25.

F. STATEMENTS

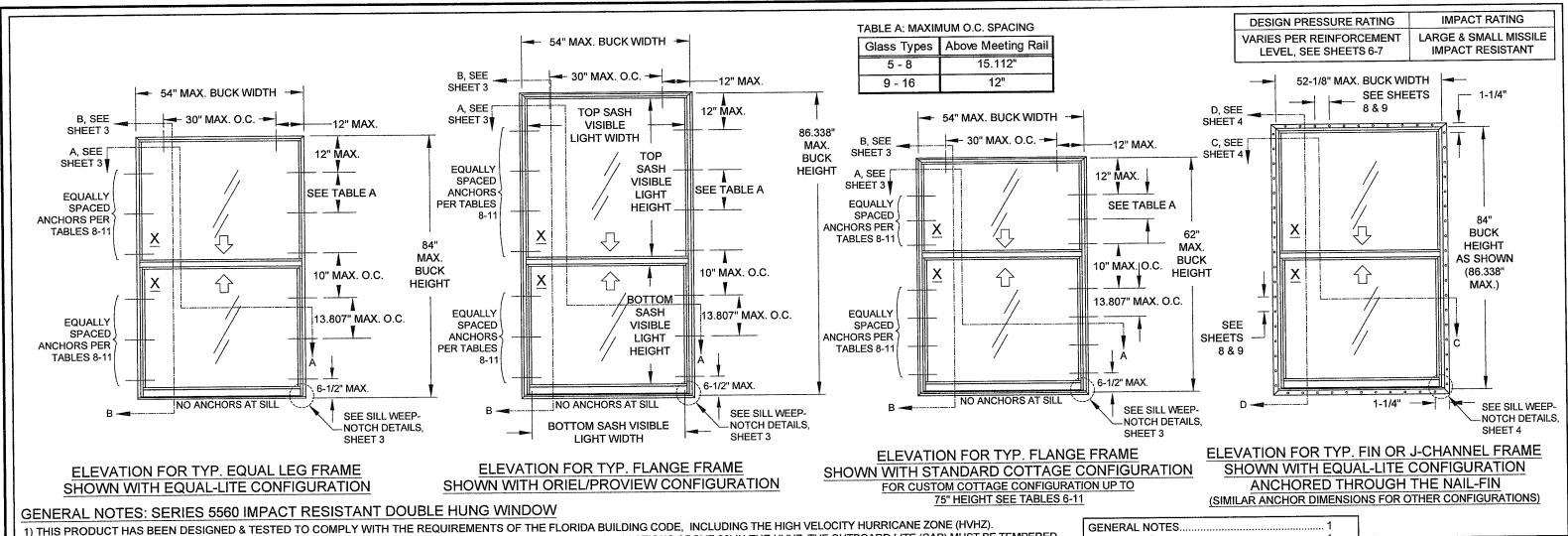
- 1. Statement letter of conformance, complying with FBC 6th Edition (2017) and FBC 7th Edition (2020), dated March 11, 2020, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
- 2. Statement letter of no financial interest, dated March 11, 2020, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
- **3.** Proposal No. **19-1155 TP** issued by the Product Control Section, dated January 10, 2020, signed by Ishaq Chanda, P.E.

G. OTHERS

1. Notice of Acceptance No. **17-0630.10**, issued to PGT Industries, Inc. for their Series "Double Hung Window Installation - LM" approved on 11/02/17 and expiring on 09/17/20.

Carlos M. Utrera, P.E. Product Control Examiner NOA No. 20-0401.06

Expiration Date: September 17, 2025 Approval Date: July 30, 2020



- 2) SHUTTERS ARE NOT REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS. FOR INSULATED GLASS INSTALLATIONS ABOVE 30' IN THE HVHZ, THE OUTBOARD LITE (CAP) MUST BE TEMPERED.
- 3) FOR MASONRY APPLICATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED MASONRY ANCHORS. MATERIALS USED FOR ANCHOR EVALUATIONS WERE SOUTHERN PINE, ASTM C90 CONCRETE MASONRY UNITS AND CONCRETE WITH MIN. KSI PER ANCHOR TYPE.
- 4) ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1X INSTALLATIONS. 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SUBSTRATE. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND SECURED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN
- AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER, (EOR) OR ARCHITECT OF RECORD, (AOR). 5) ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. USE ANCHORS OF SUFFICIENT LENGTH TO ACHIEVE REQUIRED MIN. EMBEDMENT. INST. ANCHORS SHOULD BE SEALED. OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.
- 6) 1/4" MAX. SHIMS ARE REQUIRED AT EACH ANCHOR LOCATION WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE. USE SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS.
- 7) DESIGN PRESSURES:
- A. NEGATIVE DESIGN LOADS BASED ON STRUCTURAL & CYCLE TESTING AND GLASS PER ASTM E1300.
- B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE, STRUCTURAL & CYCLE TESTING AND GLASS PER ASTM E1300.
- C. DESIGN LOADS ARE BASED ON ALLOWABLE STRESS DESIGN, ASD
- 8) THE ANCHORAGE METHODS SHOWN HAVE BEEN DESIGNED TO RESIST THE WINDLOADS CORRESPONDING TO THE REQUIRED DESIGN PRESSURE. THE 33-1/3% STRESS INCREASE HAS NO BEEN USED IN THE DESIGN OF THIS PRODUCT. THE 1.6 LOAD DURATION FACTOR WAS USED FOR THE EVALUATION OF ANCHORS INTO WOOD. ANCHORS THAT COME INTO CONTACT WIT OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE FOR CORROSION RESISTANCE.
- 9) METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION. 10) REFERENCES: TEST REPORTS FTL-8006 & 8007; ELCO ULTRACON NOA; ELCO/DEWALT ULTRACON+; ELCO/DEWALT CRETEFLEX NOA; ELCO/DEWALT AGGRE-GATOR NOA;

ENERGI WINDOW AND DOOR PROFILES, LTD WHITE & BRONZE/LIGHTER SHADES OF CAP COATED PVC EXTRUSION NOA'S;

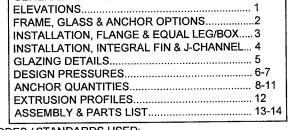
NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, ANSI/AF&PA NDS & ALUMINUM DESIGN MANUAL

11) APPLICABLE EGRESS REQUIREMENTS TO BE REVIEWED BY BUILDING OFFICIAL

USER INSTRUCTIONS:

- 1) DETERMINE THE SITE SPECIFIC, WINDOW OPENING'S DESIGN PRESSURE REQUIREMENT FROM ASCE 7
- 2) DETERMINE THE MOST SUITABLE ANCHOR GROUP FROM TABLES 2 OR 3 ACCORDING TO THE INSTALLATION CONDITIONS.
- 3) KNOWING YOUR GLAZING OPTION (TABLE 1), WINDOW CONFIGURATION AND SIZE, DETERMINE YOUR WINDOW'S DESIGN PRESSURE FROM TABLES 4-7. IT MUST EQUAL OR EXCEED THE DESIGN PRESSURE REQUIREMENT FOR THE WINDOW **OPENING OBTAINED IN STEP 1.**
- 4) DETERMINE THE ANCHOR QUANTITY FROM TABLES 8-11. VERIFY THE ANCHOR/SUBSTRATE WILL MEET REQUIREMENTS FOR YOUR OPENING'S CONDITION FROM TABLES 2 OR 3, AND THAT ALL MIN. REQUIREMENTS FROM THIS SHEET-SET ARE MET.
- 5) INSTALL AS PER SHEET 3 FOR THRU-FRAME INSTALLATION OR SHEET 4 FOR INTEGRAL FIN INSTALLATION.

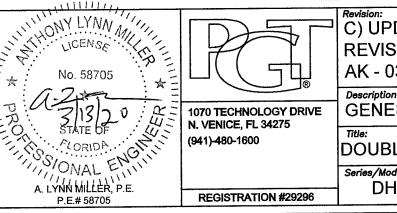
NOTE: DESIGN PRESSURE RATING DETERMINATION IS THE SAME PROCESS FOR ALL FRAME TYPES (J-CHANNEL, FLANGE, INTEGRAL FIN OR EQUAL LEG/BOX).



CODES / STANDARDS USED:

DH-5560

- 2020 FLORIDA BUILDING CODE (FBC), 7TH EDITION
- 2017 FLORIDA BUILDING CODE (FBC), 6TH EDITION
- ASTM E1300-09
- ANSI/AF&PA NDS-2018 FOR WOOD CONSTRUCTION
- ALUMINUM DESIGN MANUAL, ADM-2015
- AISI S100-16
- AISC 360-16



REGISTRATION #29296

C) UPDATED TO FBC 2020, REVISED ANCHOR TYPE TABLE. AK - 03/11/20

GENERAL NOTES & ELEVATION

Drawn By: J ROSOWSKI

Date:

05/15/15

C

PRODUCT REVISED

NOA-No.

as complying with the Florida Building Code

Expiration Date 09/17/2025

Miami-Dade Product Control

20-0401.06

DOUBLE HUNG WINDOW INSTALLATION - LM

Series/Model:

MD-DH5560-01 NTS 1 OF 14

Glass	Description (Listed Comp. Foot all of a list when	Design	Pressure
Туре	Description (Listed from Exterior to Interior)	Table #	Sheet#
5	7/8" Laminated I.G.: 1/8" A Exterior Cap + 7/16" Air Space + 5/16" Laminated; (2) Lites of 1/8" A Glass with .090" PVB Interlayer	4, 5	6
6	7/8" Laminated I.G.: 1/8" T Exterior Cap + 7/16" Air Space + 5/16" Laminated; (2) Lites of 1/8" A Glass with .090" PVB Interlayer	4, 5	6
7	7/8" Laminated I.G.: 3/16" A Exterior Cap + 3/8" Air Space + 5/16" Laminated; (2) Lites of 1/8" A Glass with .090" PVB Interlayer	4, 5	6
8	7/8" Laminated I.G.: 3/16" T Exterior Cap + 3/8" Air Space + 5/16" Laminated; (2) Lites of 1/8" A Glass with .090" PVB Interlayer	4, 5	6
9	7/8" Laminated I.G.: 1/8" A Exterior Cap + 7/16" Air Space + 5/16" Laminated; (2) Lites of 1/8" H Glass with .090" SG Interlayer	6	7
10	7/8" Laminated I.G.: 1/8" T Exterior Cap + 7/16" Air Space + 5/16" Laminated; (2) Lites of 1/8" H Glass with .090" SG Interlayer	6	7
11	7/8" Laminated I.G.: 3/16" A Exterior Cap + 3/8" Air Space + 5/16" Laminated; (2) Lites of 1/8" H Glass with .090" SG Interlayer	6	7
12	7/8" Laminated I.G.: 3/16" T Exterior Cap + 3/8" Air Space + 5/16" Laminated; (2) Lites of 1/8" H Glass with .090" SG Interlayer	6	7
13	7/8" Laminated I.G.: 1/8" A Exterior Cap + 5/16" Air Space + 7/16" Laminated; (2) Lites of 3/16" A Glass with .090" SG Interlayer	7	7
14	7/8" Laminated I.G.: 1/8" T Exterior Cap + 5/16" Air Space + 7/16" Laminated; (2) Lites of 3/16" A Glass with .090" SG Interlayer	7	7
15	7/8" Laminated I.G.: 3/16" A Exterior Cap + 1/4" Air Space + 7/16" Laminated; (2) Lites of 3/16" A Glass with .090" SG Interlayer	7	7
16	7/8" Laminated I.G.: 3/16" T Exterior Cap + 1/4" Air Space + 7/16" Laminated; (2) Lites of 3/16" A Glass with .090" SG Interlayer	7	7

TABLE 2: ALLOWABLE ANCHORS THROUGH THE FRAME

Group	Anchor	Substrate	Min. Edge Distance	Min. Embedment*
	WA 0140	P.T. Southern Pine (SG=0.55)	7/16"	1-3/8"
	#10 SMS	Steel, A36*	3/8"	0.050"
	(steel, 18-8 S.S. or 410 S.S.)	Steel Stud, A653 Gr. 33*	3/8"	0.0451" (18 Ga.)
Α	01 410 5.5.)	Aluminum, 6063-T5*	3/8"	0.050"
	3/16" steel Ultracon or	P.T. Southern Pine (SG=0.55)	7/16"	1-3/8"
	Ultracon+	Concrete (min. 3 ksi)	1"	1-3/8"
	3/16" steel Ultracon	Ungrouted CMU, (ASTM C-90)	2-1/2"	1-1/4"
	3/16" steel Ultracon+	Ungrouted CMU, (ASTM C-90)	1"	1-1/4"
	240 0140	P.T. Southern Pine (SG=0.55)	9/16"	1-3/8"
	#12 SMS	Steel, A36*	3/8"	0.050"
	(steel, 18-8 S.S.	Steel Stud, A653 Gr. 33*	3/8"	0.0451" (18 Ga.)
В	or 410 S.S.)	Aluminum, 6063-T5*	3/8"	0.063"
B	1/4" steel Ultracon or Ultracon+	P.T. Southern Pine (SG=0.55)	1"	1-3/8"
	1/4" steel Creteflex	P.T. Southern Pine (SG=0.55)	1"	1-3/8"
	1/4" steel Aggre-Gator	P.T. Southern Pine (SG=0.55)	1"	1-3/8"
		Concrete (min. 2.85 ksi)	1"	1-3/4"
	1/4" steel Ultracon	Ungrouted CMU, (ASTM C-90)	2-1/2"	1-1/4"
С	4 / 4 // 4 // 5 // 1 // 4 // 4 // 4 // 4	Concrete (min. 3 ksi)	1-3/16"	1-3/4"
	1/4" steel Ultracon+	Ungrouted CMU, (ASTM C-90)	1"	1-1/4"
	1/4" steel Creteflex	Concrete (min. 3.35 ksi)	1"	1-3/4"
	1/4" steel Ultracon	Concrete (min. 2.85 ksi)	2-1/2"	1-3/4"
	1/4" steel Ultracon+	Concrete (min. 3 ksi)	2-1/2"	1-3/4"
	1/4" steel Ultracon+	Ungrouted CMU, (ASTM C-90)	2-1/2"	1-1/4"
D	1/4" steel Creteflex	Concrete (min. 3.35 ksi)	2-1/2"	1-3/4"
	1/4 Steel Creteriex	Ungrouted CMU, (ASTM C-90)	2-1/2"	1-1/4"
	1/4" steel Aggre-Gator	Concrete (min. 3.275 ksi)	1-1/2"	1-3/8"
	174 Steel Ayyle-Gatol	Grouted CMU, (ASTM C-90)	2"	2"

TABLE 3: ALLOWABLE ANCHORS THROUGH THE INTEGRAL FIN

Group	Anchor	Substrate	Min. Edge Distance	Min. Embedment*
E	2-1/2" x .131" Common Nail	P.T. Southern Pine (SG=.55)	3/8"	2-7/16"
	2-1/2" Ring-shank Roofing Nail	P.T. Southern Pine (SG=.55)	3/8"	2-7/16"
		P.T. Southern Pine (SG=.55)	1/2"	1-3/8"
	#10 Trusshead SMS	Aluminum, 6063-T5*	3/8"	0.050"
	(steel, 18-8 S.S. or 410 S.S.)	Steel Stud, Gr. 33*	3/8"	0.0451" (18 Ga.)
F	61 410 6.6.)	Steel, A36*	3/8"	0.050"
1		P.T. Southern Pine (SG=.55)	9/16"	1-3/8"
	#12 SMS	Aluminum, 6063-T5*	3/8"	0.063"
	(steel, 18-8 S.S. or 410 S.S.)	Steel Stud, Gr. 33*	3/8"	0.050"
	0, 410 0.0.)	Steel, A36*	3/8"	0.050"

* MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE. FOR STEEL STUDS. MIN. Fu=45 KSI & MIN. Fy=33 KSI.

GLASS TYPES 5, 7, 9, 11, 13 & 15 MAY NOT BE USED IN THE HVHZ ABOVE 30'.

* MIN. OF 3 THREADS **BEYOND THE METAL** SUBSTRATE, FOR STEEL STUDS. MIN. Fu=45 KSI & MIN. Fy=33 KSI.

"UNGROUTED CMU" VALUES MAY BE **USED FOR GROUTED** CMU APPLICATIONS.



FIGURE A: FRAME CONFIGURATIONS

EQUAL-LITE ORIEL

Material	Min. F _y	Min. F _u
Steel Screw	92 ksi	120 ksi
18-8 Screw	60 ksi	95 ksi
410 Screw	90 ksi	110 ksi
Elco/DeWalt Aggre-Gator®	57 ksi	96 ksi
Elco UltraCon®	155 ksi	177 ksi
3/16" DeWalt UltraCon+®	117 ksi	164 ksi
1/4" DeWalt UltraCon+®	148 ksi	164 ksi
410 SS Elco/Dewalt CreteFlex®	127.4 ksi	189.7 ksi
6063-T5 Aluminum	16 ksi	22 ksi
A36 Steel	36 ksi	58 ksi

LICENSE MILL A. LYNN MILLER, P.E.

P.E.# 58705

Gr. 33 Steel Stud

FIGURE B: FRAME TYPES

Glass

Options

(see Table 1)

5 - 16

5 - 16

5 - 8

5 - 8

Frame

Configs.

(see Fig A)

Equal-Lite,

Oriel/Proview

& Cottage

Equal-Lite,

Oriel/Proviev

& Cottage

Equal-Lite,

Oriel/Proviev

& Cottage

Equal-Lite,

Oriel/Proview

& Cottage

Through the frame

of the window....

Through the frame

of the window...

Through the

integral fin.....

Through the frame

of the window...

Through the

integral fin.....

of the window...

Through the frame

Frame

Types

(see Fig B)

Flange

(#2)

Box /

Equal-Leg

(#4)

J-Channel

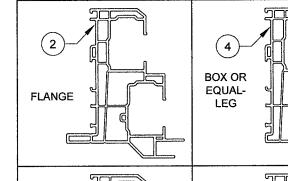
(#1)

Integral Fin

(#3)

COTTAGE

33 ksi 45 ksi



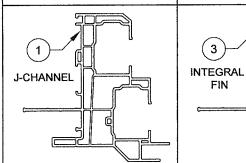


TABLE.

AK - 03/11/20

"A" = ANNEALED

Installation Options that may be used

..into Concrete/CMU - sheet 3, option 2

...into Concrete/CMU - sheet 3, option 2

.into Metal - sheet 3, option 4

.into Metal - sheet 3, option 4

..into Metal - sheet 4, option 7

..into Metal - sheet 4, option 8

into Metal - sheet 4, option 7

.into Metal - sheet 4, option 8

..into 2X Wood Frame/Buckstrip - sheet 3, option 1

..into 2X Wood Frame/Buckstrip - sheet 3, option 1

..into 2X Wood Frame/Buckstrip - sheet 4, option 5

..into 2X Wood Frame/Buckstrip - sheet 4, option 6

..into 2X Wood Frame/Buckstrip - sheet 4, option 5

..into 2X Wood Frame/Buckstrip - sheet 4, option 6

..through 1X Buckstrip into Concrete/CMU - sheet 3, option 3

..through 1X Buckstrip into Concrete/CMU - sheet 3, option 3

"H" = HEAT STRENGTHENED

"T" = TEMPERED

"PVB" = .090" TROSIFOL® PVB BY KURARAY AMERICA, INC.

"SG" = .090" SENTRYGLAS® INTERLAYER BY KURARAY AMERICA, INC.

PRODUCT REVISED as complying with the Florida Building Code 20-0401.06

Expiration Date 09/17/2025

Drawn By:

Miami-Dade Product Control

GLASS/ANCHORS/FRAME OPTIONS

J ROSOWSKI

05/15/15

DOUBLE HUNG WINDOW INSTALLATION - LM

Drawing No. Rev: C

1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941)-480-1600

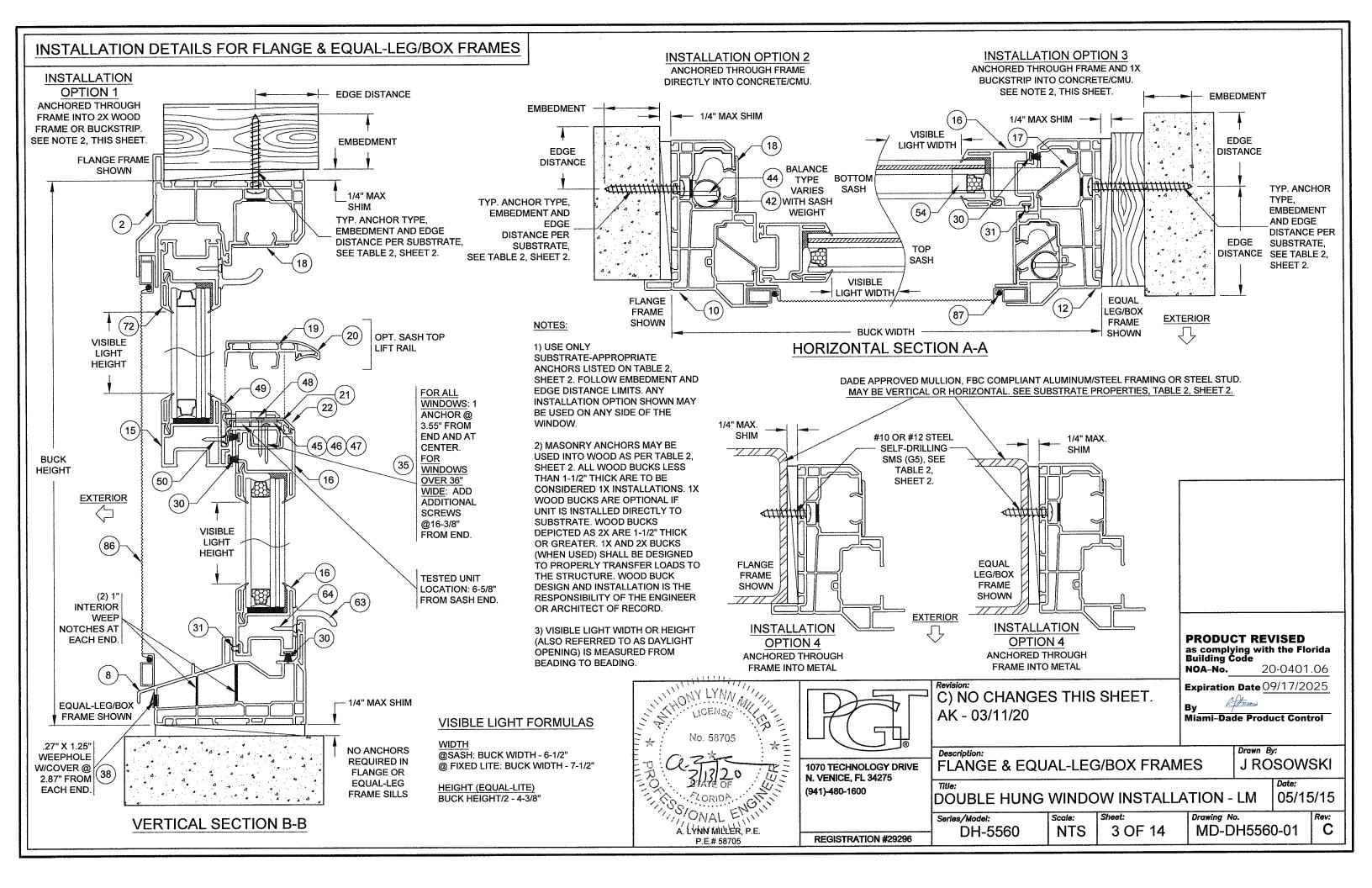
REGISTRATION #29296

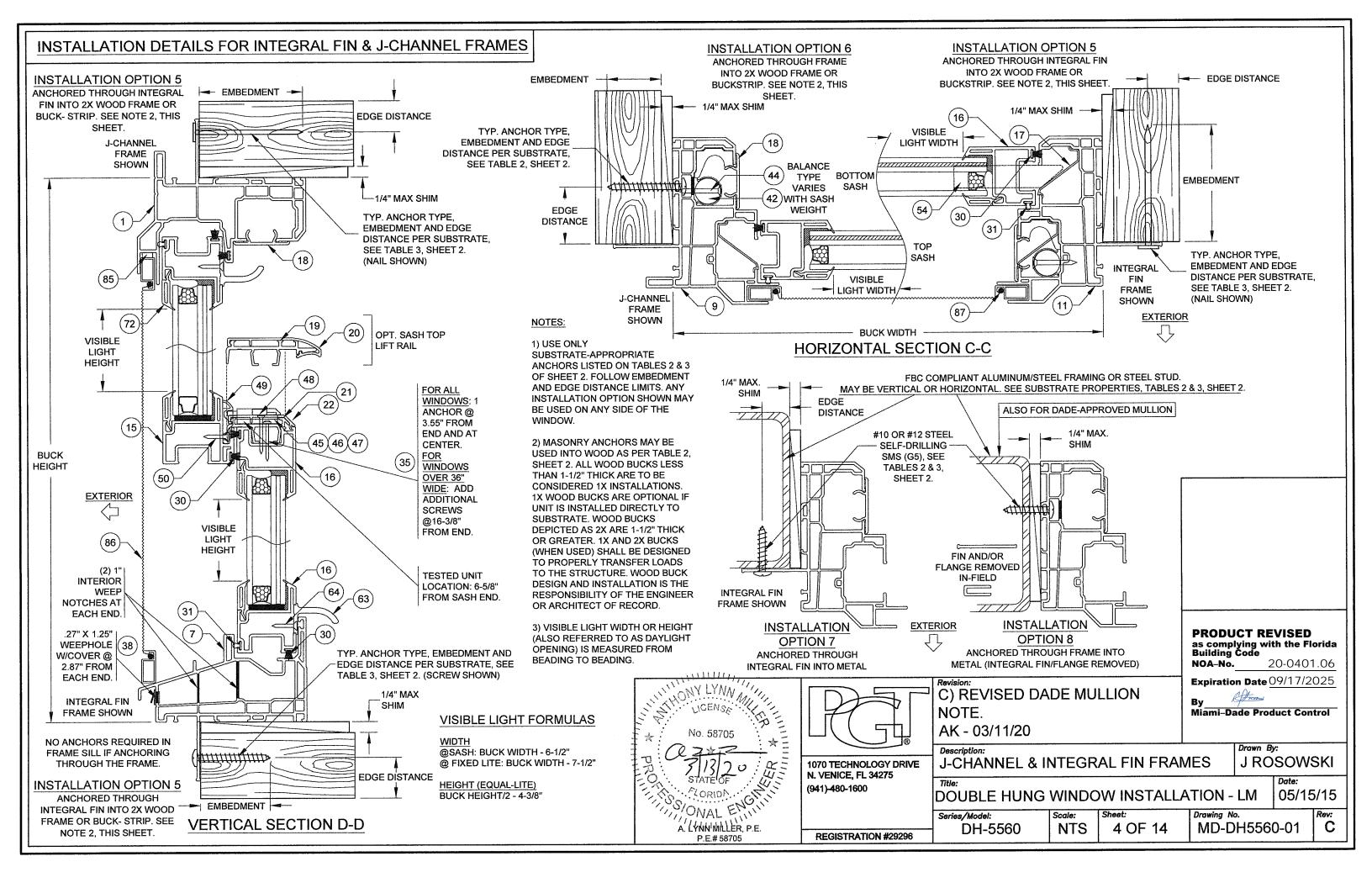
Series/Model: Scale: DH-5560 NTS

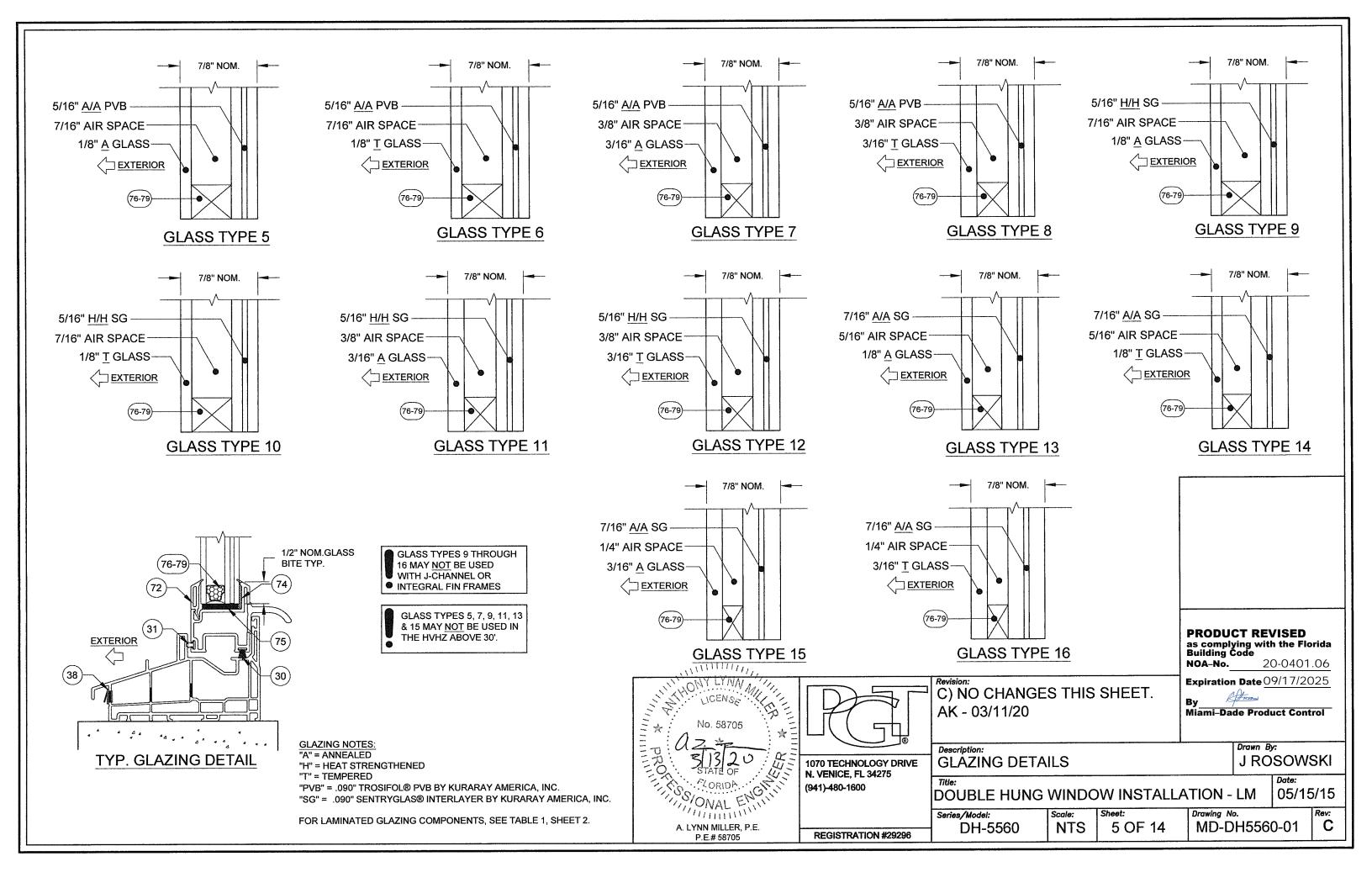
C) REVISED ANCHOR TYPE

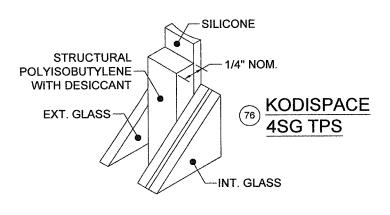
2 OF 14

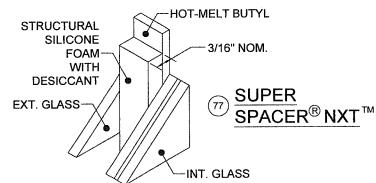
MD-DH5560-01

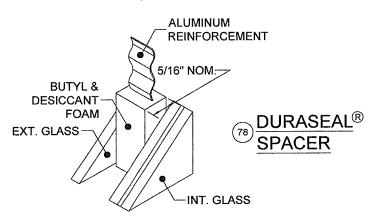


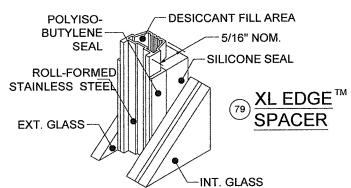










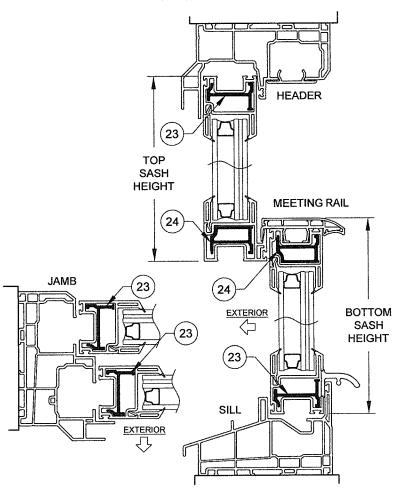


Part #	Description	Material
76	Kommerling 4SG TPS Spacer System	0 41-1-
77	Quanex Super Spacer nXT with Hot Melt Butyl	See this Sheet for
78	Quanex Duraseal Spacer	Materials
79	Cardinal XL Edge Spacer	1
REFERE	NCE TEST REPORTS: FTL-8717, 8968 & 8970	

TABLE 4:

Glass Types: 5, 6, 7 & 8	Design Pressure, lbs/ft²
	+50.0 / -50.0
Reinforcement Level: R1	For all window & sash sizes per Table 8

SEE TABLE 8. SHEET 8 FOR ANCHOR GROUP AND QUANTITY.

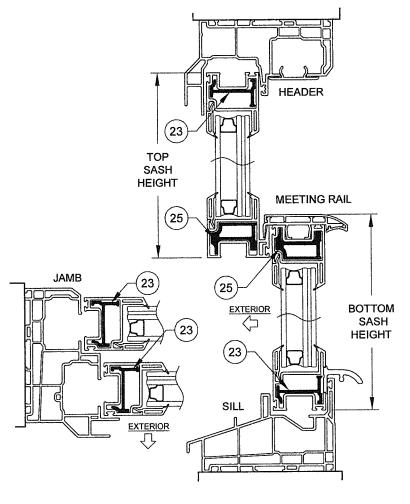


SECTION DETAIL FOR WINDOWS WITH LEVEL R1 REINFORCEMENT & GLASS TYPES 5-8 (REINFORCEMENTS SHOWN IN FIGURES ABOVE APPLY TO ALL FRAME TYPES & CONFIGURATIONS)

TABLE 5:

Glass Types: 5, 6, 7 & 8	Design Pressure, lbs/ft ²
	+65.0 / -70.0
Reinforcement Level: R2	For all window & sash sizes per Table 9

SEE TABLE 9, SHEET 9 FOR ANCHOR GROUP AND QUANTITY.



SECTION DETAIL FOR WINDOWS WITH LEVEL R2 REINFORCEMENT & GLASS TYPES 5-8 (REINFORCEMENTS SHOWN IN FIGURES ABOVE APPLY TO ALL FRAME TYPES &

CONFIGURATIONS)

AK - 03/11/20

C) NO CHANGES THIS SHEET.

NOTES:

- 1) USE THESE TABLES FOR ALL WINDOWS INSTALLED THROUGH THE FRAME OR INTEGRAL FIN.
- 2) FRAME DIMENSIONS ARE BUCK. SASH HEIGHT IS AS PER THE FIGURE.
- 3) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.

PRODUCT REVISED as complying with the Florida Building Code 20-0401.06 NOA-No.

Expiration Date 09/17/2025

Miami-Dade Product Control Drawn By:

1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941)-480-1600 A. LYNN MILLER, P.E. P.E.#58705

REGISTRATION #29296

SPACERS & DESIGN PRESSURE TABLES J ROSOWSKI

05/15/15

C

DOUBLE HUNG WINDOW INSTALLATION - LM

Drawing No. Series/Model:

MD-DH5560-01 6 OF 14 DH-5560 NTS

	BLE 6:	Bottom Sash	Pottom					- 051	e.2,
9,	10, 11 & 12 forcement	Description for given Range @ Window	Bottom Sash Height	FII	nal Des		ressur		HT)
	.evel: R3	Height Shown	Range (in)	4	8		125		54
	24	Equal-lite	11,266	+70.0	-110.0	+70.0	-110.0	+70.0	-109.0
Ì		Standard Cottage	13.517 - 15.516	+70.0	-110.0	+70.0	-107.0	+70.0	-104.0
-	28	Equal-lite	11.517 - 13.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Standard Proview	11.266 - 11.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Tallest	23.517 - 24.891	+70.0	-110.0	+70.0	-110.0	+70.0	-109.0
		Standard Cottage	20.517 - 23.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	37.375	EquaHite	18.016 - 20.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Standard Proview	11.517 - 18.015	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Shortest	11.266 - 11.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
ı		Tallest	29.517 - 31.516	+70.0	-110.0	+70.0	-102.0	+70.0	-104.0
ı		Custom Size	26.517 - 29.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Standard Cottage	23,517 - 26,516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	.44	Equal-lite	20.517 - 23.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Standard Proview	18.016 - 20.516	+70.0	-110.0	+70.0	-110.0	+70,0	-110.0
1		Custom Size	11.517 - 18.015	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Shortest	11.266 - 11.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Tallest	26.517 - 35.141	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Standard Cottage	23.517 - 26.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Equal-lite	20.517 - 23.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	48	Standard Proview	18.016 - 20.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Custom Size	14.517 - 18.015	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	i	Custom Size	11.517 - 14.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Shortest	11.266 - 11.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
Ξ		Tallest	30.517 - 36.766	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
Buck Height		Standard Cottage	27.517 - 30.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
Ŧ		Custom Size	24.517 - 27.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
3,6	49.625	Equal-lite	21.517 - 24.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
8	49.020	Standard Proview	18.016 - 21.516	+70.0	-110.0	+70.0	-110.0	+70.0	-107.0
Window		Custom Size	14.517 - 18.015	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
5		Custom Size	11.517 - 14.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Shortest	11.266 - 11.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Standard Cottage	34.517 - 36.767	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Custom Size	32.517 - 34.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Equal-lite	29.517 - 32.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Custom Size	26.517 - 29.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	62	Standard Proview	23.517 - 26.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Custom Size	21,016 - 23,516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Custom Size	18.016 - 21.015	+70.0	-110.0	+70.0	-110.0	+70.0	-109.0
		Custom Size	14.517 - 18.015	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Shortest	11.516 - 14.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Tallest	38.517 - 41.266	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Equal-lite	36,517 - 38,516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
- 1		Custom Size	34.517 - 36.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
-	75	Custom Size	32.517 - 34.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	د،	Custom Size	30.517 - 32.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Standard Proview	28.517 - 30.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
-		Custom Size	26.517 - 28.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.
		Custom Size	24.516 - 26.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.
ı		Equal-lite	41.266	+70.0	-110.0	+70.0	-110.0	+70.0	-110:
	84	Custom Size	38.517 - 41.265	+70.0	-110.0	+70.0	-110.0	+70.0	-110.
	04	Custom Size	35.517 - 38.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.
- 1		Standard Proview	33.516 - 35.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.

SEE TABLE 10, SHEET 10 FOR ANCHOR GROUP AND QUANTITY. MIN. BOTTOM SASH HEIGHT = WINDOW BUCK HEIGHT - 50.484 (APPLIES TO ANY HEIGHT 84" OR LESS).

1 1																			
		Standard Cottage	13.517 - 15.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-107.0	+70.0	-104.0
	28	Equal-lite	11.517 - 13.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	İ	Standard Proview	11.266 - 11.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Tallest	23.517 - 24.891	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-109.0
		Standard Cottage	20.517 - 23.516	+70,0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	37.375	Equal-lite	18.016 - 20.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Standard Proview	11.517 - 18.015	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Shortest	11.266 - 11.516	+70.0	-110.0	+70.0	-110.0	+70,0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
1		Tallest	29.517 - 31.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-102.0	+70.0	-104.0
		Custom Size	26.517 - 29.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Standard Cottage	23.517 - 26.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	44	Equal-lite	20.517 - 23.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Standard Proview	18.016 - 20.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Custom Size	11.517 - 18.015	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70,0	-110.0	+70.0	-110.0
1		Shortest	11.266 - 11.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
1		Tallest	26.517 - 35.141	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Standard Cottage	23.517 - 26.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Equal-lite	20.517 - 23.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
	48	Standard Proview	18.016 - 20.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Custom Size	14.517 - 18.015	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Custom Size	11.517 - 14.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Shortest	11.266 - 11.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
(ii)		Tallest	30.517 - 36.766	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70,0	-110.0	+70.0	-110.0	+70.0	-110.0
Height		Standard Cottage	27,517 - 30,516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70,0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
웃		Custom Size	24.517 - 27.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
S		Equal-lite	21,517 - 24,516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
₩.	49.625	Standard Proview	18.016 - 21.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-107.0
Window Buck		Custom Size	14.517 - 18.015	+70.0	-110.0	+70.0	-110.0	+70.0	-110,0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
3		Custom Size	11.517 - 14.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Shortest	11.266 - 11.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0
		Standard Cottage	34.517 - 36.767	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-109.1	+70.0	-103.7
		Custom Size	32.517 - 34.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-108.5	+70.0	-103.1
		EquaHite	29.517 - 32.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-107.0	+70.0	-101.7
		Custom Size	26,517 - 29,516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-107.2	+70.0	-101.9
	62	Standard Proview	23.517 - 26.516	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-108.2	+70.0	-102.8
		Custom Size	21.016 - 23.516	+70.0	-110.0	+70.0	-110.0	+70.0	-103.8	+70.0	-100.6	+70.0	-99.6	+70.0	-99.6	+70.0	-99.6	+70.0	-99.6
		Custom Size	18,016 - 21.015	+70.0	-110.0	+70.0	-110.0	+70.0	-110.0	+70.0	-108.9	+70.0	-106.5	+70.0	-106.0	+70.0	-97.8	+70.0	-92.7
		Custom Size	14.517 - 18.015	+70.0	-110.0	+70.0	-110,0	+70.0	-100.5	+70.0	-95.6	+70.0	-92.5	+70.0	-90.6	+70.0	-90.6	+70.0	-90.6
		Shortest	11.516 - 14.516	+70.0	-110.0	+70.0	-109.0	+70.0	-91.5	+70.0	-86.5	+70.0	-83.1	+70.0	-80.1	+70.0	-80.0	+70.0	-80.0
1		Tallest	38,517 - 41,266	+70.0	-110.0	+70.0	-110.0	+70.0	-95.6	+70.0	-92.0	+70.0	-90.2	+70,0	-90.0	+70.0	-90.0	+70.0	-90.0
		Equal-lite	36,517 - 38,516	+70.0	-110.0	+70.0	-110.0	+70.0	-106.8	+70.0	-103.8	+70.0	-103.0	+70.0	-103.0	+70.0	-98.6	+70.0	-93.3
		Custom Size	34.517 - 36.516	+70.0	-110.0	+70.0	-110.0	+70.0	-106.0	+70.0	-103.0	+70.0	-102.1	+70.0	-102.1	+70.0	-98.6	+70.0	-93,3
		Custom Size	32.517 - 34,516	+70.0	-110.0	+70.0	-110.0	+70,0	-97.7	+70.0	-94.2	+70.0	-92.7	+70.0	-92.6	+70.0	-92.6	+70.0	-92.6
	75	Custom Size	30,517 - 32,516	+70.0	-110.0	+70.0	-110.0	+70.0	-110,0	+70.0	-106,8	+70.0	-104.3	+70,0	-99.3	+70.0	-86.7	+70.0	-82.0
		Standard Proview	28.517 - 30.516	+70.0	-110.0	+70.0	-110.0	+70.0	-103.9	+70.0	-99.0	+70.0	-96.1	+70.0	-94.7	+70.0	-87.5	+70.0	-82.7
		Custom Size	26.517 - 28.516	+70.0	-110.0	+70.0	-110.0	+70.0	-97.3	+70.0	-92.3	+70.0	-89.1	+70.0	-86.9	+70.0	-86.9	+70.0	-83.7
		Custom Size	24.516 - 26.516	+70.0	-110.0	+70.0	-109.0	+70.0	-91.5	+70.0	-86.5	+70.0	-83.1	+70.0	-80.1	+70.0	-80.0	+70.0	-80.0
		Equal-lite	41.266	+70.0	-110.0	+70.0	-110.0	+70.0	-95.6	+70.0	-92.0	+70.0	-90.2	+70.0	-90.0	+70.0	-90.0	+70.0	-90.0
		Custom Size	38.517 - 41.265	+70.0	-110.0	+70.0	-110.0	+70.0	-103.9	+70.0	-99.0	+70.0	-96.1	+70.0	-94.7	+70.0	-82.1	+66.8	-76.4
	84	Custom Size	35.517 - 38.516	+70.0	-110.0	+70.0	-109.0	+70.0	-91.5	+70.0	-86,5	+70.0	-83.1	+70.0	-80.1	+70.0	-80.0	+67.7	-77.3
		Standard Proview	33.516 - 35.516	+70.0	-110.0	+70.0	-109.0	+70.0	-91.5	+70.0	-86.5	+70.0	-83.1	+70.0	-80.1	+70.0	-80.0	+70.0	-80.0
\sqcup		Conduct Forest	20.010 - 30.010	1 . , 0, 0	1.,,0.0	.,0.0	,,,,,,	.,	31.0	.,0,0	55.5		55.1	., 0.0			1. 55.5		50.0

Final Design Pressure (lbs/ft²)

11.266 | +70.0 | -110.0 | +70.0 | -110.0 | +70.0 | -110.0 | +70.0 | -110.0 | +70.0 | -110.0 | +70.0 | -110.0 | +70.0 | -110.0 | +70.0 | -110.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | -10.0 | +70.0 | +70.0 | -10.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0 | +70.0

52.125

SEE TABLE 11, SHEET 11 FOR ANCHOR GROUP AND QUANTITY. MIN. BOTTOM SASH HEIGHT = WINDOW BUCK HEIGHT - 50.484

(APPLIES TO ANY HEIGHT 84" OR LESS).

TABLE 7: Glass Types: 13, 14, 15 & 16

Level: R3

Bottom Sash

Description for given

Range @ Window

EquaHite

Bottom

Sash Height

Range (in)

LICENSE ME A. LYNN MILLER, P.E. P.E.# 58705

1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941)-480-1600

REGISTRATION #29296

C) CORRECTED MIN. SASH HEIGHT FORMULA. AK - 03/11/20

Description: ANCHOR QUANTITY TABLE

IDOUBLE HUNG WINDOW INSTALLATION - LM

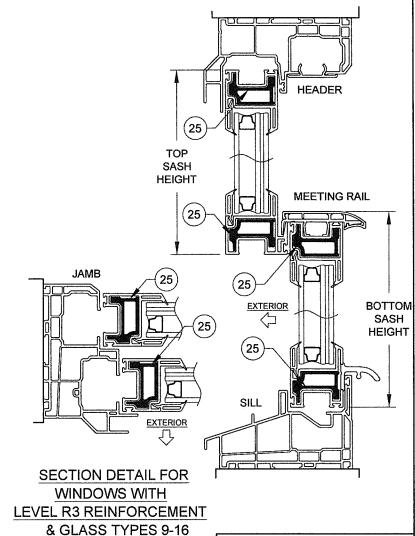
Series/Model:

NOTES:

1) USE THESE TABLES FOR WINDOWS INSTALLED THROUGH THE FRAME.

2) FRAME DIMENSIONS ARE BUCK. SASH HEIGHT IS AS PER THE FIGURE.

3) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.



(REINFORCEMENTS SHOWN IN FIGURES ABOVE APPLY TO FLANGE & BOX/EQUAL-LEG FRAME TYPES ONLY. ALL **CONFIGURATIONS APPLICABLE.)**

GLASS TYPES 9 THROUGH 16 MAY NOT BE USED WITH J-CHANNEL OR INTEGRAL FIN FRAMES

PRODUCT REVISED as complying with the Florida Building Code NOA-No. 20-0401.06

Expiration Date 09/17/2025

Miami-Dade Product Control

Drawn By: **J ROSOWSKI**

Date: 05/15/15

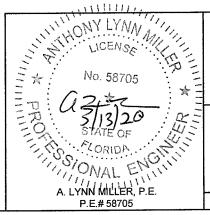
DH-5560 NTS 7 OF 14 MD-DH5560-01

LE 8:							Ar	chor Grou	ир А											And	hor Grou												r Group (110.	I 46"	A C -d -	E0 4/0"	Mada
	or Quantities Req		18" Wide	24"	' Wide	32" W	ide	36" Wide	e 4	0" Wide	48" V	/ide	52-1/8" V	/ide	18" W	ide	24" Wi		32" Wid		6" Wide	40" Wid		48" Wide		2-1/8" Wid	_	" Wide	24" W		32" Wide		" Wide		Wide	_		52-1/8" Jamb	
"Th	rough-Frame" Inst	anation	Jamb	Jam	ıb dı	Jamb		Jamb	Ja	ımb	Jamb		Jamb		Jamb		Jamb		Jamb		amb	Jamb	I	Jamb	4	lamb	Jam - r	nb _	Jamb	┥╻┝	Jamb	Jan	W =	Jam		Jami		L	i
Types:	Bottom Sash	Bottom	M M Page	Σ Ω	MR Page	Z Z	ją [Z Z	MR de	₽ P	A A	ger	MR	ader	MR MR	ger	R ≅	ğ	₹ X	MR MR	MR A	M M	ader		ade:	MR 9	ME	MR ade	AR AR	ade	MA Be	ΑŘ	MF	e MR	₹M /	M N	ade M	e MR	age
7 & 8	Description for given	Sash Height	we -	ove .	W Hear	ove ove	F E	S S	ž Š	F &	8 8	Fea	eve wo	Неа	ove ow	분	ove ove	E E	3 3	₩ Fe	§ §	ove low	He	0 S	F S	No S		§ ₹	low low	£	등 을 모	Sove	를 물	bove		jog .	E E	po	Ť
meni R1	Range @ Window Height Shown	Range (in)	A Ber	Abo	Be	Bek Abc		mg mg	Ap.	æ	Be A		Be Be		Be Be		AP Be	A	8 8	§	B B	₽ B	A e	2 8	1 8	8	Ą	m	T K B	غ السالة	(6	¥	ă	Ā	œ		n	∢ m̃	4
4	Equal-lite	11.266	1 2 1	1	2 1	1 2	2	1 2	2 1	2 2	1 2	2	1 2	2	1 2	[1]	1 2	1	1 2	2 1	2	1 2	2 1	1 2	2 1	2	2 1	2 1	1 2	11	1 2 2	1	2 2	11	2 2	11	2 2	1 2	2
	Standard Cottage	13.517 - 15.516	1 2 1	1	2 1	1 2	2	1 2	2 1	2 2	1 2	2	1 2	2	1 2	1	1 2	1 1	1 2	2 1	2	1 2	2 1	1 2	2 1	2 :	2 1	2 1	1 2	1	1 2 2	1 1	2 2	1	2 2	11	2 2	1 2	2
28	Equal-lite	11.517 - 13.516	1 2 1	1	2 1	1 2	2	1 2	2 1	2 2	1 2	2	1 2	2	1 2	1	1 2	1	1 2	2 1	2	1 2	2 1	1 2	2 1	2 :	2 1	2 1	1 2	1	1 2 2	1	2 2	1	2 2	1	2 2	1 2	2
	Standard Proview	11.266 - 11.516	1 2 1	1	2 1	1 2	2	1 2	2 1	2 2	1 2	2	1 2	2	1 2	1	1 2	1	1 2	2 1	2 :	1 2	2 1	1 2	2 1	2	2 1	2 1	1 2		1 2 2	1	2 2	1	2 2	1 1	2 2	1 2	2
	Tallest	21,517 - 24,891	1 2 1	1	2 1	1 2	2	1 2	2 1	2 2	1 2	2	1 3	2	1 2	1	1 2	1	1 2	2 1	2	1 2	2 1	1 2	2 1	2	2 1	2 1	1 2	1	1 2 2	2 1	2 2	1	2 2	1	2 2	1 2	2
	Standard Cottage	18.017 - 21.516	2 2 1	2	2 1	2 2	2	2 2	2 2	2 2	2 2	2	2 2	2	2 2	1	2 2	1 3	2 2	2 2	2	2 2	2 2	2 2	2 2	2	2 2	2 1	2 2	1	2 2 2	2 2	2 2	2	2 2	2	2 2	2 2	2
37.375	Equal-lite	15.017 - 18.016	2 2 1	2	2 1	2 2	2	2 2	2 2	2 2	2 2	2	2 2	2	2 2	1	2 2	1 :	2 2	2 2	2	2 2	2 2	2 2	2 2	2	2 2	2 1	2 2	1	2 2 2	2 2	2 2	2	2 2	2	2 2	2 2	2
7.010	Standard Proview	11.517 - 15.016	3 2 1	3	2 1	3 2	2	3 2	2 3	2 2	3 2	2	3 2	2	3 2	1	3 2	1 :	3 2	2 3	2	3 2	2 3	3 2	2 3	2	2 3	2 1	3 2	1	3 2 2	2 3	2 2	3	2 2	3	2 2	3 2	2
	Shortest	11.266 - 11.516	3 2 1	3	2 1	3 2	2	3 2	2 3	2 2	3 2	2	3 2	2	3 2	1	3 2	1 :	3 2	2 3	2	3 2	2 3	3 2	2 3	2	2 3	2 1	3 2	1	3 2 2	2 3	2 2	3	2 2	3	2 2	3 2	2 2
	Tallest	29.517 - 31.516	1 3 1	1	3 1	1 3	2	1 3	2 1	3 2	1 3	2	1 3	2	1 3	1	1 3	1	1 3	2 1	3	1 3	2 1	1 3	2 1	3	2 1	3 1	1 3	1	1 3 2	2 1	3 2	1	3 2	1	3 2	1 3	3 2
	Custom Size	26.517 - 29.516	2 3 1	2	3 1	2 3	2	2 3	2 2	3 2	2 3	2	2 3	2	2 3	11	2 3	1 :	2 3	2 2	3	2 3	2 2	2 3	2 2	3	2 2	3 1	2 3	1	2 3 2	2 2	3 2	2	3 2	2	3 2	2 3	3 2
	Standard Cottage	23.517 - 26.516	2 3 1	15	3 1	2 3	2	2 3	2 2	3 2	2 3	2	2 3	2	2 3	11	2 3	1 :	2 3	2 2	3	2 3	2 2	2 3	2 2	3	2 2	3 1	2 3	1	2 3 2	2 2	3 2	2	3 2	2	3 2	2 3	3 2
44	Equal-lite	20.517 - 23.516	2 2 1	2	2 1	2 3	12	2 2	2 2	2 2	2 2	2	2 2	2	2 2	11	2 2	1	2 2	2 2	2	2 2	2 2	2 2	2 2	2	2 2	2 1	2 2	1	2 2 2	2 2	2 2	2	2 2	2	2 2	· 2 2	2 2
44		18.016 - 20.516	3 2 1	2	2 1	3 2	12	3 2	2 3	2 2	$\frac{1}{3} \frac{1}{2}$	2	3 2	2	3 2	11	3 2	11	3 2	2 3	2	3 2	2 3	3 2	2 3	2	2 3	2 1	3 2	1	3 2 2	2 3	2 2	3	2 2	3	2 2	3 2	2 2
	Custom Size Standard Proview	11.517 - 18.015	3 2 1	1 3	2 1	3 2	12	3 2	2 3	2 2	3 2	2	3 2	2	3 2	11	3 2	1	3 2	2 3	2	3 2	2 3	3 2	2 3	3 2	2 3	2 1	3 2	1	3 2 2	2 3	2 2	3	2 2	3	2 2	3 2	2 2
	Standard Proview Shortest	11.517 - 18.015	3 2 1	1 3	2 1	3 2	12	3 2	2 3	2 2	3 2	2	3 2	2	3 2	1	3 2	1	3 2	2 3	2	3 2	2 3	3 2	2 3	3 2	2 3	2 1	3 2	1	3 2 2	2 3	2 2	3	2 2	3	2 2	3 2	2 2
		27.517 - 35.141	2 3 1	3	3 1	2 2	12	2 3	$\frac{2}{2}$	3 2	2 3	2	2 3	2	2 3	1	2 3	11	2 3	2 2	3	2 3	2 2	2 3	2 2	2 3	2 2	3 1	2 3	1	2 3 2	2 2	3 2	2	3 2	2	3 2	2 3	3 2
	Tallest	23.517 - 27.516	2 3		3 1	2 3	12	2 3	2 2	3 2	2 3	1 2	2 3	2	2 3	1	2 3	11	2 3	2 2	3	2 3	2 2	2 3	2 2	2 3	2 2	3 1	2 3	1	2 3 2	2 2	3 2	2	3 2	2	3 2	2 3	3 2
	Standard Cottage		3 2 1	1 3	2 1	2 3	2	3 2	2 3	2 2	3 2	2	3 2	2	3 2	1	3 2	1	3 2	2 3	2	3 2	2 :	3 2	2 3	3 2	2 3	2 1	3 2	1	3 2 2	2 3	2 2	3	2 2	3	2 2	3 2	2 2
40	Equal-lite	20.517 - 23.516 18.016 - 20.516	3 2		2 1	3 2	12	3 2	2 3	2 2	3 2	2	3 2	2	3 2	11	3 2	11	3 2	2 3	2	3 2	2 ;	3 2	2 3	3 2	2 3	2 1	3 2	1	3 2 2	2 3	2 2	3	2 2	3	2 2	3 2	2 2
48	Standard Proview	18,016 - 20,516	3 2	1 3	2 1	3 2	+-	3 2	2 3	12 2	$\frac{3}{3} \frac{2}{2}$		3 2	2	3 2	+++	3 2	111	3 2	2 3	2	3 2	2 :	3 2	2 3	3 2	2 3	2 1	3 2	11	3 2 2	2 3	2 2	3	2 2	3	2 2	3 2	2 2
	Custom Size		3 2 3	3	2 1	3 2	12	3 2	2 3	12/2	3 2	2	3 2	2	3 2	++	3 2	++	3 2	2 3	2	3 2	2 :	3 2	2 3	3 2	2 3	2 1	3 2	1	3 2 2	2 3	2 2	3	2 2	2 3	2 2	3 2	2 2
	Custom Size	11.517 - 14.516	3 2	3	2 1	3 2	12	3 2	2 3	12 2	3 2	2	3 2	2	3 2	1	3 2	11	3 2	2 3	2	3 2	2	3 2	2 3	3 2	2 3	2 1	3 2	1	3 2 2	2 3	2 2	3	2 2	2 3	2 2	3 2	2 2
	Shortest	11.266 - 11.516	3 2	13	2 1	2 2	1-	2 2	2 3	3 2	1213	2 2	2 3	2	2 3	1	2 3	11	2 3	2 2	3	2 2 3	2	2 3	2 2	2 3	2 2	3 1	2 3	1	2 3 2	2 2	3 2	2	3 2	2 2	3 2	2 3	3 2
	Tallest	30.517 - 36.766	2 3	+ -	3 1	2 3	15	2 3	2 2	13 2	2 3		2 3	2	2 3	+1	2 3	11	2 3	2 3	3	2 2 3	2	2 3	2 2	2 3	2 2	3 1	2 3	1	2 3 2	2 2	3 2	2	3 2	2 2	3 2	2 3	3 2
	Standard Cottage	27.517 - 30.516	2 3	2	3 1	2 3	1-4	2 2	2 2	3 2	3 3	1	3 3	2	3 3	+	3 3	+++	3 3	2 3	3	2 3 3	2	3 3	2 3	3 3	2 3	3 1	3 3	1	3 3 2	2 3	3 2	3	3 2	2 3	3 2	3 3	3 2
	Custom Size	24.517 - 27.516	1 3 3	1 3	3 1	3 3	+=1	3 3	2 3	2 2	1313		3 3	2	3 2	+	3 2	+++	3 2	2	12	3 2	2	3 2	2 3	3 2	2 3	2 1	3 2	11	3 2 2	2 3	2 2	3	2 2	2 3	2 2	3 2	2 2
49.625	Equal-lite	21.517 - 24.516		1 3	2 1	3 2	121	3 2	2 3	1 2 2	13/	2	3 2	2	3 2	++	3 2	+++	3 2	2	12	3 2	2	3 2	2 3	3 2	2 3	2 1	3 2	11	3 2 3	2 3	2 2	3	2 2	2 3	2 2	3 2	2 2
	Standard Proview	18.016 - 21.516	3 2	1 3	2 1	3 2	12	3 2	2 3	1 2 2	3 4	2	3 2	2	3 2	+-	3 2	┼┼╂	3 2	2	2	3 2	2	3 2	2 3		2 3	2 1	3 2	1	3 2 3	2 3	2 2	3	2 2	2 3	2 2	3 2	2 2
	Custom Size	14.517 - 18.015	3 2	1 3	2 1	3 2	12	3 2	2 3	2 2	131	2	3 2	2	3 2	++	3 2	++	3 2	2	2	3 2	12	3 2	2 3	3 2	2 3	2 1	3 2	1	3 2 3	2 3	2 2	3	2 2	2 3	2 2	3 2	2 2
	Custom Size	11.517 - 14.516	3 2	1 3	2 1	3 2	12	3 2	2 3	$\frac{ z ^2}{2 z ^2}$	13 4	- 4	3 2	2	3 2	+- -	3 2	+++	3 2	2	2	3 2	2	3 2	2 3	3 2	2 3	2 1	3 2	11	3 2 3	2 3	2 2	3	2 2	2 3	2 2	3 2	2 2
	Shortest	11.266 - 11.516	3 2	1 3	2 1	3 2	2	3 2	2 3	$\frac{ z ^2}{2}$	3 2	1	3 2	1	2 2	+-	3 2	┿╂	3 2	 	12	3 2	12	3 3	2 3	3 3	2 3	3 1	3 3	1	3 3	2 3	3 2	3	3 2	2 3	3 2	3 3	3 2
	Tallest	36.517 - 36.767	3 3	1 3	3 1	$\begin{vmatrix} 3 & 3 \\ 2 & 3 \end{vmatrix}$	2	3 3	2 3	3 2	3 3	2 2	3 3	2	3 3	++	3 3	++	3 3	2	3	3 3	12	3 3	2 3	3 3	2 3	3 1	3 3	1	3 3	2 3	3 2	3	3 2	2 3	3 2	3 3	3 2
	Standard Cottage	34.517 - 36.516	3 3	1 3	3 1	3 3	2	3 3	2 3	3 2	13 3	2 2	3 3	2	3 3	++-	3 3	+++	3 3	2	1 2	3 3	12	3 3	2 3	3 3	2 3	3	3 3	1	3 3	2 3	3 2	3	3 2	2 3	3 2	3 3	3 2
	Custom Size	31.517 - 34.516	3 3	1 3	3 1	3 3	2	3 3	2 3	3 2	131	, 4	3 3	2	3 3	+	3 3	╅┼	3 3		3	3 3	2	3 3	2 2	3 3	2 3	3 1	3 3	11	3 3	2 3	3 2	3	3 2	2 3	3 2	3 3	3 2
	Equal-lite	28.517 - 31.516	3 3	1 3	3 1	3 3	2	3 3	2 3	$\frac{3}{2}$	13	2 2	3 3	2	3 3	1	3 3	╅	3 3	2	3	3 3	2	3 3	2 3	3 3	2 3	3 1	1 3 3	11	3 3	2 3	3 2	3	3 2	2 3	3 2	3 3	3 2
62	Custom Size	25.517 - 28.516		1 3	3 1	3 3	2	3 3	2 3	3 2	13 3	1 4	3 3	2	3 3	+-	3 2	+++	3 3	2	3	2 3 3	2	3 3	2 3	3 3	2 3	3 1	1 3 3	1	3 3	2 3	3 2	2 3	3 2	2 3	3 2	3 3	3 2
	Standard Proview	22.517 - 25.516		1 3	3 1	3 3	2	3 3	2 3	3 2	1313	3 4	3 3	12	4 2	+-	4 3	╅	4 2	2	2	2 4 2	2	4 2	2 4	4 2	2 4	2	1 4 2	1	4 2	2 4	2 2	2 4	2 2	2 4	2 2	4 2	2 2
	Custom Size	20.017 - 22.516	4 2	1 4	2 1	4 2	2	4 2	2 4	$\frac{ 2 ^2}{2 3 ^2}$	4 4		4 2	2	4 2	+	4 2	+	4 2	2	1 5	2 4 2	2	4 2	2 4	4 2	2 4	2	1 4 2	1	4 2	2 4	2 2	2 4	2 2	2 4	2 2	4 2	2 2
	Custom Size	18.016 - 20.016		1 4	2 1	4 2	1 1			2 2									A 2	2	1 1	2 4 2	1 1	1 1	2 4	4 2	2 4	2	1 4 2	1		2 4	2 2	4	2 2	2 4	2 2	4 2	2 2
	Shortest	16.928 - 18.015		_							_	_	3 4									2 3 4				3 4	2 3	4 .	1 3 4	_	3 4	2 3	4 2		4 2	2 3	4 2	3 4	4 2
	Tallest	38.517 - 41.266			4 1	J		3 4		4 2							3 3					2 3 3			2 3	3 3	2 3	3		11	3 3	2 3	3 2					3 3	
	Equal-lite	36.517 - 38.516			3 1	4		3 3		3 2			3 4			+	3 3	+ ; }				2 4 3			11 -	- 1 - 1				1 1	4 3	2 4	3 2					4 3	
75	Custom Size	34.517 - 36.516						4 3		3 2			4 3		4 3							2 4 3			2 4			3			4 3	2 4	3 2					4 3	
	Custom Size	31.517 - 34.516						4 3		3 2		2 2		- S						l		2 4 3			 			3			4 3	2 4	3 2	H	1 1	. 11		4 3	
	Standard Proview	29.928 - 31.516			 					3 2	_	3 2	4 3				4 3					2 4 3		4 A	2 2	4 4	2 4	4	1 4 4	1	4 4		4 2		1			4 .	
84	Equal-lite	40.017 - 41.266				4 4			·	4 2			4 4		4 4		4 4	→		1 1		2 4 4		1 1	2	4 4	2 4	4		1	4 4							4	
04	Custom Size	38.928 - 40.016	4 4	1 4	4 1	4 4	2	4 4	2 4	4 2			4 4				4 4												1 4 4	1	4 4							4 4	
	Custom Size	** - 41.266	4 4	1 4	14 1	4 4	2	4 4	2 4	4 2	4	4 2	4 4	3	4 4	1	4 4	1 1	4 4	2	+ 4	2 4 4	12	4 4		4 4	4	1 4	171	' '	7 1 7 1	- 1 -	1712	_ #	<u> </u>	-			

(APPLIES TO ANY HEIGHT 86.338" OR LESS).

NOTES:

- 1) USE THE ABOVE "ANCHOR QUANTITIES REQUIRED....." TABLE FOR ANCHORS INSTALLED THROUGH THE FRAME.
- 2) USE THE ABOVE "MAX. ANCHOR O.C. SPACING......" TABLE FOR ANCHORS INSTALLED THROUGH THE INTEGRAL FIN.
- 3) FRAME DIMENSIONS ARE BUCK. "MR"=MEETING RAIL.
- 4) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.
- 5) REFER TO TABLES 2 & 3, SHEET 2 FOR ANCHOR GROUP DESCRIPTIONS.



1070 TECHNOLOGY DRIVE N. VENICE, FL 34275

REGISTRATION #29296

(941)-480-1600

C) ADDED MIN. SASH HEIGHT NOTE. AK - 03/11/20

FOR ANCHOR GROUP D, TABLE 9, SHEET 9 MAY BE USED.

ANCHOR QUANTITY TABLE

DOUBLE HUNG WINDOW INSTALLATION - LM

Drawing No. Sheet: Series/Model: 8 OF 14 DH-5560 NTS

PRODUCT REVISED as complying with the Florida Building Code 20-0401.06 NOA-No.

Expiration Date 09/17/2025

Miami-Dade Product Control

Group E Group F

Drawn By: **J ROSOWSKI**

05/15/15

C MD-DH5560-01

		1	1						А	nchor G	LOUD R											An	nchor Gro	up C						1						,	Anchor G	roup D						
	chor Quantities R	•	18" W	'ide	24"	' Wide		32" Wi	de	36" W	ide	40" Wi	de	48" Wide	52-1/8"	Wide	18" V	Vide	24" W	Vide	32" Wid	ie	36" Wid	te l	40" Wide	e é	48" Wide	52	2-1/8" Wid	de 1	8" Wick	е	24" Wi	de	32" W	ide	36" W	/ide	40" Wid	te	48" Wid	de	52-1/	/8"
	Through-Frame" l	istaliation	Jamb	T	Jam	b	Τ.	Jamb		Jamb		Jamb		Jamb	Jamb		Jamb		Jamb		Jamb		Jamb		Jamb	J	amb	J	lamb	Já	mb	Ī.	Jamb		Jamb		Jamb		Jamb	<u> </u>	Jamb		Jam	
lass Type 5, 6, 7 & 8 inforceme Level: R2	Description for givent Range @ Window		Above MR. Below MR	Header	ove	Below MR	Header Above MR	Below MR	Header	Above MR Below MR	Header	Above MR Below MR	Header	Below MR Header	Above MR	Header	Above MR Below MR	Header	Below MR	Header Above MR	Below MR	Header Above MR	Below MR	Header Above MR	Below MR	Header Ahove MR	Below MR	Header	Above MR Below MR	Header	Above MR Below MR	Header	Above MR Below MR	- ii m	Above MR Below MR	Header	Above MR	Below MR						
24	Equal-lite	11.266	1 2	1	1	2	1 1	1 2	2	1 2	2	1 2	2	1 2 2	1 2	2	1 2	1	1 2	1	1 2	2	1 2	2	1 2	2 1	2	2 1	2	2 1	2	1 1	1 2	1	1 2	2	1 2	2	1 2	2 1	1 2	2	1	2
	Standard Cottage	13.517 - 15.516	1 2	1	1	2	1 1	1 2	2	1 2	2	1 2	2	1 2 2	1 2	2	1 2	1	1 2	1	1 2	2	1 2	2	1 2	2 1	2	2 1	2	2 1	2	1 1	1 2	1	1 2	2	1 2	2	1 2	2 1	1 2	2	1	2
28	Equal-lite	11.517 - 13.516	1 2	1	1	2	1 1	1 2	2	1 2	2	1 2	2	1 2 2	1 2	2 2	1 2	1	1 2	1	1 2	2	1 2	2	1 2	2 1	2	2 1	2	2 1	2	1 1	1 2	1	1 2	2	1 2	2	1 2	2 1	1 2	2	1	2
1	Standard Provies	11.266 - 11.516	1 2	1	1	2	1 1	1 2	2	1 2	2	1 2	2	1 2 2	1 2	2	1 2	1	1 2	1	1 2	2	1 2	2	1 2	2 1	2	2 1	2	2 1	2	1 1	1 2	1	1 2	2	1 2	2	1 2	2	1 2	2	1	2
	Tailest	21.517 - 24.891	1 2	1	1	2	1 1	1 2	2	1 2	2	1 2	2	1 2 2	1 2	2 2	1 2	1	1 2	1	1 2	2	1 2	2	1 3	2 1	3	2 1	3	2 1	2	1 1	1 2	1	1 2	2	1 2	2	1 2	2 '	1 2	2	1	2
ŀ	Standard Cottage	18.017 - 21.516	2 2	1	2	2	1 2	2 2	2	2 2	2	2 2	2	2 2 2	2 2	2 2	2 2	1	2 2	1	2 2	2	2 2	2	2 2	2 2	2	2 2	2	2 2	2	1 2	2 2	1	2 2	2	2 2	2	2 2	2 2	2 2	2	2	2
37.37	5 Equal-lite	15.017 - 18.016	2 2	1	2	2	1 2	2 2	2	2 2	2	2 2	2	2 2 2	2 2	2 2	2 2	1	2 2	1	2 2	2	2 2	2	2 2	2 2	2	2 2	2	2 2	2	1 2	2 2	1	2 2	2	2 2	2	2 2	2 2	2 2	2	2	2
	Standard Proview	11.517 - 15.016	3 2	1	3	2	1 3	3 2	2	3 2	2	3 2	2	3 2 2	3 2	2 2	3 2	1	3 2	1	3 2	2	3 2	2	3 2	2 3	2	2 3	2	2 3	2	1 3	3 2	1	3 2	2	3 2	2	3 2	2 :	3 2	2	3	2
l	Shortest	11.266 - 11.516	3 2	1	3	2	1 3	3 2	2	3 2	2	3 2	2	3 2 2	3 2	2 2	3 2	1	3 2	1	3 2	2	3 2	2 :	3 2	2 3	2	2 3	2	2 3	2	1 3	3 2	1	3 2	2	3 2	2	3 2	2 :	3 2	2	3	2
	Tallest	29.517 - 31.516	1 3	1	1	3	1 1	1 3	2	1 3	2	1 3	2	1 3 2	1 3	2	1 3	1	1 3	1	1 3	2	1 3	2	1 3	2 1	3	2 1	3	2 1	3	1 1	1 3	1	1 3	2	1 3	2	1 3	2	1 3	2	1	3
	Custom Size	26.517 - 29.516	2 3	1	2	3	1 2	2 3	2	2 3	2	2 3	2	2 3 2	2 3	3 2	2 3	1	2 3	1	2 3	2	2 3	2	2 3	2 2	3	2 2	3	2 2	3	1 2	2 3	1	2 3	2	2 3	2	2 3	2 2	2 3	2	2	3
	Standard Cottage	23.517 - 26.516	2 3	1	2	3	1 2	2 3	2	2 3	2	2 3	2	2 3 2	2 3	2	2 3	1	2 3	1	2 3	2	2 3	2 :	2 3	2 2	3	2 2	3	2 2	3	1 2	2 3	1	2 3	2	2 3	2	2 3	2 2	2 3	2	2	[3
44	Equal-lite	20.517 - 23.516	2 2	1	2	2	1 2	2 2	2	2 2	2	2 2	2	2 2 2	2 2	2 2	2 2	1	2 2	1	2 2	2	2 2	2	2 2	2 2	2	2 2	3	2 2	2	1 2	2 2	1	2 2	2	2 2	2	2 2	2 2	2 2	2	2	2
	Custom Size	18.016 - 20.516	3 2	1	3	2	1 3	3 2	2	3 2	2	3 2	2	3 2 2	3 2	2	3 2	1	3 2	1	3 2	2	3 2	2	3 2	2 3	2	2 3	2	2 3	2	1 3	3 2	1	3 2	2	3 2	2	3 2	2 ;	3 2	2	3	1
	Standard Proview	11.517 - 18.015	3 2	1	3	2	1 3	3 2	2	3 2	2	3 2	2	3 2 2	3 2	2 2	3 2	1	3 2	1	3 2	2	3 2	2	3 2	2 3	2	2 3	2	2 3	2	1 3	3 2	1	3 2	2	3 2	2	3 2	2	3 2	2	3	
	Shortest	11.266 - 11.516	3 2	1	3	2	1 3	3 2	2	3 2	2	3 2	2	3 2 2	3 2	2 2	3 2	1	3 2	1	3 2	2	3 2	2	3 2	2 3	2	2 3	2	2 3	2	1 3	3 2	1	3 2	2	3 2	2	3 2	2 ;	3 2	2	3	1
	Tallest	27.517 - 35.141	2 3	17	2	3	1 2	2 3	2	2 3	2	2 3	2	2 3 2	2 3	3 2	2 3	1	2 3	1	2 3	2	2 3	2	2 3	2 2	3	2 2	4	2 2	3	1 2	2 3	1	2 3	2	2 3	2	2 3	2 :	2 3	2	2	[
	Standard Cottage	23.517 - 27.516	2 3	17	2	3	1 2	2 3	2	2 3	2	2 3	2	2 3 2	2 3	3 2	2 3	1	2 3	1	2 3	2	2 3	2	2 3	2 2	3	2 2	3	2 2	3	1 2	2 3	1	2 3	2	2 3	2	2 3	2	2 3	2	2	1
	Equal-lite	20.517 - 23.516	3 2	1	3	2	1 3	3 2	2	3 2	2	3 2	2	3 2 2	3 2	2 2	3 2	1	3 2		3 2	2	3 2	2	3 2	2 3	2	2 3	3	2 3	2	1 3	3 2	1	3 2	2	3 2	2	3 2	2	3 2	2	3	Γ
48	Standard Proview		3 2	+	\rightarrow	2	1 3	3 2	2	3 2	2	3 2	2	3 2 2	3 2	2 2	3 2	1	3 2	1	3 2	2	3 2	2	3 2	2 3	2	2 3	2	2 3	2	1 3	3 2	1	3 2	2	3 2	2	3 2	2 :	3 2	2	3	1
	Custom Size	14.517 - 18.015	3 2	1	3	2	1 3	3 2	2	3 2	1 2 1	3 2	2	3 2 2	3 2	2 2	3 2	1	3 2	1	3 2	2	3 2	2	3 2	2 3	2	2 3	2	2 3	2	1 3	3 2	1	3 2	2	3 2	2	3 2	2 ;	3 2	2	3	T
	Custom Size	11.517 - 14.516	3 2	1	3	2	1 3	3 2	2	3 2	12	3 2	2	3 2 2	3 2	2 2	3 2	1	3 2	1	3 2	2	3 2	2	3 2	2 3	2	2 3	2	2 3	2	1 :	3 2	1	3 2	2	3 2	2	3 2	2	3 2	2	3	1:
	Shortest	11.266 - 11.516	3 2	1	3	2	1 3	3 2	2	3 2	1 2	3 2	2	3 2 2	3 2	2 2	3 2	1	3 2	1	3 2	2	3 2	2	3 2	2 3	2	2 3	2	2 3	2	1 :	3 2	1	3 2	2	3 2	2	3 2	2	3 2	2	3	1
<u> </u>	Tallest	30,517 - 36,766	2 3	1	2	3	1 2	2 3	2	2 3	2	2 3	2	2 3 2	2 3	3 2	2 3	1	2 3	1	2 3	2	2 3	2	2 3	2 2	3	2 2	4	2 2	3	1 2	2 3	1	2 3	2	2 3	2	2 3	2	2 3	2	2	7
	Standard Cottag	27.517 - 30.516	2 3	1	2	3	1 2	2 3	2	2 3	2	2 3	2	2 3 2	2 3	3 2	2 3	1	2 3	1	2 3	2	2 3	2	2 3	2 2	3	2 2	3	2 2	3	1 2	2 3	1	2 3	2	2 3	2	2 3	2 :	2 3	2	2	13
	Custom Size	24.517 - 27.516	3 3	1	3	3	1 3	3 3	2	3 3	2	3 3	2	3 3 2	3 3	3 2	3 3	1	3 3	1	3 3	2	3 3	2	3 3	2 3	3	2 3	3	2 3	3	1 3	3 3	1	3 3	2	3 3	2	3 3	2	3 3	2	3	1
	Equal-lite	21.517 - 24.516	3 2	1	3	2	1 3	3 2	2	3 2	2	3 2	2	3 2 2	3 2	2 2	3 2	1	3 2	1	3 2	2	3 2	2	3 2	2 3	2	2 3	3	2 3	2	1 ;	3 2	1	3 2	2	3 2	2	3 2	2 :	3 2	2	3	
49.62	5 Standard Proview		3 2	1	3	2	1 3	3 2	2	3 2	2	3 2	2	3 2 2	3 2	2 2	3 2	1	3 2	1	3 2	2	3 2	2	3 2	2 3	2	2 3	2	2 3	2	1 3	3 2	1	3 2	2	3 2	2	3 2	2	3 2	2	3	T
	Custom Size	14.517 - 18.015	3 2		3	2	1 3	3 2	2	3 2	2	3 2	2	3 2 2	3 2	2 2	3 2	1	3 2	1	3 2	2	3 2	2	3 2	2 3	2	2 3	2	2 3	2	1 :	3 2	11	3 2	2	3 2	2	3 2	2	3 2	2	3	1
	Custom Size	11.517 - 14.516	3 2			2	1 3	3 2	2	3 2	2	3 2	2	3 2 2	3 2	2 2	3 2	1	3 2	1	3 2	2	3 2	2	3 2	2 3	2	2 3	2	3 3	2	1 3	3 2	1	3 2	2	3 2	2	3 2	2	3 2	2	3	t
	Shortest	11.266 - 11.516	3 2	1	3	2	1 3	3 2	2	3 2	2	3 2	2	3 2 2	3 2	2 2	3 2	1	3 2	1	3 2	2	3 2	2	3 2	2 3	2	2 3	2	3 3	2	1 :	3 2	1	3 2	2	3 2	2	3 2	2	3 2	2	3	t
	Tallest	36.517 - 36.767	3 3	-	3	3	1 3	3 3	2	3 3	2	3 3	2	3 3 2	3 3	3 2	3 3	1	3 3	1	3 3	2	3 3	2	3 3	2 3	3	2 3	4	2 3	3	1 :	3 3	1	3 3	2	3 3	2	3 3	2	3 3	2	3	1
	Standard Cottage		3 3	-	3	3	1 3	3 3	2	3 3	2	3 3	2	3 3 2	3 3	3 2	3 3	1	3 3	1	3 3	2	3 3	2	3 3	2 3	3	2 3	4	2 3	3	1 :	3 3	1	3 3	2	3 3	2	3 3	2	3 3	2	3	t
	Custom Size	31.517 - 34.516	3 3			3	1 3	3 3	2	3 3	2	3 3	2	3 3 2	3 3	3 2	3 3	1	3 3	1	3 3	2	3 3	2	3 3	2 3	3	2 3	3	2 3	3	1 :	3 3	1	3 3	2	3 3	2	3 3	2	3 3	2	3	t
	Equal-lite	28.517 - 31.516	3 3	1	3	3	1 3	3 3	2	3 3	2	3 3	2	3 3 2	3 3	3 2	3 3	1	3 3	3 1	3 3	2	3 3	2	3 3	2 3	3	2 3	3	2 3	3	1 ;	3 3	1	3 3	2	3 3	2	3 3	2	3 3	2	3	T
62	Custom Size	25.517 - 28.516	3 3	1	3	3	1 3	3 3	2	3 3	2	3 3	2	3 3 2	3 3	3 2	3 3	1	3 3	1	3 3	2	3 3	2	3 3	2 3	3	2 3	3	2 3	3	1 :	3 3	1	3 3	2	3 3	2	3 3	2	3 3	2	3	T
	Standard Proview		3 3	1	3	3	1 3	3 3	2	3 3	2	3 3	2	3 3 2	3 3	3 2	3 3	1	3 3	1	3 3	2	3 3	2	3 3	2 3	3	2 3	3	3 3	3	1 3	3 3	1	3 3	2	3 3	2	3 3	2	3 3	2	3	T
	Custom Size	20.017 - 22.516	4 2	1	4	2	1 4	4 2	2	4 2	2	4 2	2	4 2 2	4 2	2 2	4 2	1	4 2	1	4 2	2	4 2	2	4 2	2 4	2	2 4	2	3 4	2	1 4	4 2	1	4 2	2	4 2	2	4 2	2	4 2	2	4	1
	Custom Size	18.016 - 20.016	4 2			2	1 4	4 2	1	4 2	2	4 2	_	4 2 2	4 2	2 2	4 2	1	4 2	1	4 2	2	4 2	2	4 2	2 4	2	2 4	2	3 4	2	1 4	4 2	11	4 2	2	4 2	2	4 2	2	4 2	2	4	Γ
	Shortest	16.928 - 18.015	4 2	1	4	2	1 4	4 2	2	4 2	2	4 2	2	4 2 2	4 2	2 2	4 2	1	4 2	1	4 2	2	4 2	2	4 2	2 4	2	2 4	2	3 4	2	1 4	4 2	1	4 2	2	4 2	2	4 2	2	4 2	2	4	Γ
	Tallest	38.517 - 41.266	3 4	1	3	4		3 4					2		3 4			1	3 4	1	3 4	2	3 4	2	3 4	2 3	4	2 3	4	2 3	4	1 ;	3 4	1	3 4	2	3 4	2	3 4	2	3 4	2	3	Γ
	Equal-lite	36.517 - 38.516	3 3	1	3	3	1 3	3 3	2	3 3	2	3 3	2	3 3 2	3 3	3 2	3 3	1	3 3	1	3 3	2	3 3	2	3 3	2 3	4	2 3	4	3 3	3	1 :	3 3	1	3 3	2	3 3	2	3 3	2	3 3	2	3	Γ
75	Custom Size	34.517 - 36.516							-				1	4 3 2							4 3	2	4 3	2	4 3	2 4	3	2 4	4	3 4	3	1 4	4 3	1	4 3	2	4 3	2	4 3	2	4 3	2	4	Γ
	Custom Size	31.517 - 34.516												4 3 2												2 4	3	2 4	3			1	4 3	1	4 3	2	4 3	2	4 3	2	4 3	2	4	Γ
	Standard Proviev	29.928 - 31.516	4 3							4 3				4 3 2																	3	1 4	4 3	1	4 3	2	4 3	2	4 3	2	4 3	2	4	\int
	Equal-lite	40.017 - 41.266	4 4	1	4	4	1 4	4 4	2	4 4	2	4 4	2	4 4 2	4 4	2	4 4	. 1	4 4	1	4 4	2	4 4	2	4 4	2 4	4	2 4	4	3 4	4	1 4	4 4	1	4 4	2	4 4	2	4 4	2	4 4	2	4	Γ
84	Custom Size	38.928 - 40.016	4 4	1	4	4	1 4	4 4	2	4 4	2	4 4	2	4 4 2	4 4	1 2	4 4	1	4 4	1 1	4 4	2	4 4	2	4 4	2 4	4	2 4	4	3 4	4	1	4 4	1	4 4	2	4 4	2	4 4	2	4 4	2	4	Γ
86.33		** - 41.266	4 4											4 4 2													_		4		4	1 4	4 4	11	4 4	2	4 4	2	4 4	2	4 4	2	4	Г

Max. Anchor O.C. Spacing for "Integral-Fin" Installation

Anchor Group F

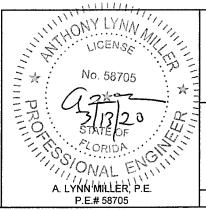
SEE TABLE 5, SHEET 6 FOR DESIGN PRESSURES WHEN USING THIS TABLE.

** MIN. BOTTOM SASH HEIGHT = WINDOW BUCK HEIGHT - 45.072

(APPLIES TO ANY HEIGHT 86.338" OR LESS).

NOTES:

- 1) USE THE ABOVE "ANCHOR QUANTITIES REQUIRED....." TABLE FOR ANCHORS INSTALLED THROUGH THE FRAME.
- 2) USE THE ABOVE "MAX. ANCHOR O.C. SPACING......" TABLE FOR ANCHORS INSTALLED THROUGH THE INTEGRAL FIN.
- 3) FRAME DIMENSIONS ARE BUCK. "MR"=MEETING RAIL.
- 4) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.
- 5) REFER TO TABLES 2 & 3, SHEET 2 FOR ANCHOR GROUP DESCRIPTIONS.



C) ADDED MIN. SASH HEIGHT NOTE.

AK - 03/11/20 Description:

1070 TECHNOLOGY DRIVE

N. VENICE, FL 34275 (941)-480-1600

REGISTRATION #29296

ANCHOR QUANTITY TABLE

DOUBLE HUNG WINDOW INSTALLATION - LM

Series/Model: 9 OF 14 MD-DH5560-01 DH-5560 NTS

Drawn By: **J ROSOWSKI**

20-0401.06

PRODUCT REVISED as complying with the Florida Building Code

Expiration Date 09/17/2025

Miami-Dade Product Control

NOA-No.

05/15/15 Rev:

C

TABLE	10:																				Ancho	r Group D			
Ar	chor Quantities Req	uired for				or Group B	405 1464	CD 4/07 MG4-	E 48 14822	18" Wide	24" Wide	32" Wide	And 36" Wid	hor Group C 40" Wid	e 48" Wide	52-1/8" Wide	54" Wide	18" Wide	24° Wide	32" Wide		40" Wide	48" Wide	52-1/8" Wide	e 54" Wide
	Through-Frame" Ins		18" Wide 24" V	Vide 32" V		Jamb	48" Wide	e 52-1/8" Wide	54" Wide	Jamb I	Jamb J	Jamb Jamb	Jamb	Jamb	Jamb	Jamb	Jamb	Jamb	Jamb	Jamb	Jamb	Jamb	Jamb	Jamb	Jamb
Glass Type	s: Bottom Sash		A A B A A A A A A A A A A A A A A A A A	2 0 0 0	2 2 12 12	20 K K F	5 <u>0</u> 0 €	g 2 12 5	<u> </u>	E E 2	<u>द</u>	R R P	底 压	原成	草底底	五 元 章	長 底 岩	뜻 뜻 별	点 点	를 뜻 뿐	ë ₩ ₩ ë	E E	를 보고 등	de AR	품 분 형
9, 10, 11 &		Bottom Sash Height	w w w w	e e e e	w e ead	E E E	Ø ⊗ ×	w w w	ead × ×	e ≷ e ₹	6 × 6	w W W	9 ≥ 2 ≥	W Ve N	S S S	leax ve	Se Se	we we	o ve	8 % E	Ke s s	ow o	Tea ow Hea	ow Hea	ove Tea
Reinforcem		Range (in)	you go you	T Q S	gel po	T 8 8 T	g g	T 6 6 T	표 물	e ge p	98 P	8 8 T	8 B	T 8 8	- B 물	Be Ab	Be Be	Be A	Bet Abo	B App	B A	A B	B A	Be Ab	A B
Level: R			1 2 1 1 2	1 1 1 1	2 2 4 3	2 1 2 2	1 1 2	2 1 2 2	1 2 2	1 2 1	1 2 1	1 2 2	1 2	2 1 2	2 1 2	2 1 2 2	1 2 2	1 2 1	1 2	1 1 2	2 1 2 2	1 2	2 1 2 2	1 2 2	1 2 2
24	Equal-lite	11.266 13.517 - 15.516	1 2 1 1 2	1 1 2	2 2 1 2	2 1 2 2	1 2	2 1 2 2	1 2 2	1 2 1	1 2 1	1 2 2	1 2	2 1 2	2 1 3	2 1 3 2	1 3 2	1 2 1	1 2	1 1 2	2 1 2 2	1 2 :	2 1 2 2	1 2 2	1 2 2
	Standard Cottage Equal-lite	11.517 - 13.516	1 2 1 1 2	1 1 1 2	$\begin{bmatrix} 2 & 1 & 2 \\ 2 & 2 & 1 & 2 \\ \end{bmatrix}$	2 1 2 2	1 2	2 2 2 2	2 2 2	1 2 1	1 2 1	1 2 2	1 2	2 1 2	2 2 2	2 2 2 2	2 2 2	1 2 1	1 2	1 1 2	2 1 2 2	1 2	2 1 2 2	1 2 2	. 1 2 2
28	Standard Proview	11.266 - 11.516	1 2 1 1 2		2 2 1 2	2 1 2	1 2	2 2 2 2	2 2 2	1 2 1	1 2 1	1 2 2	1 2	2 1 2	2 2 2	2 2 2 2	2 2 2	1 2 1	1 2	1 1 2	2 1 2 2	1 2	2 1 2 2	1 2 2	. 1 2 2
1	Tallest	23.517 - 24.891	1 2 1 1 2	1 1 2	2 2 1 3	2 1 3 3	2 1 3	2 1 3 2	1 4 2	1 2 1	1 2 1	1 3 2	1 3	2 1 3	2 1 4	2 1 4 2	1 4 2	1 2 1	1 2	1 1 2	2 1 2 2	1 2	2 1 3 2	1 3 2	1 3 2
	Standard Cottage	20.517 - 23.516	1 2 1 1 2	1 1 2	2 2 1 2	2 1 3	2 1 3	2 2 3 2	2 3 2	1 2 1	1 2 1	1 2 2	1 3	2 1 3	2 2 3	2 2 4 2	2 4 2	1 2 1	1 2	1 1 2	2 1 2 2	1 2	2 1 3 2	1 3 2	1 3 2
37,3		18.016 - 20.516	2 2 1 2 2	1 2 2	2 2 2 2	2 2 2 3	2 2 3	2 2 3 2	2 3 2	2 2 1	2 2 1	2 2 2	2 2 2	2 2 3	2 2 3	2 2 3 3	2 3 3	2 2 1	2 2	1 2 2	2 2 2 2	2 2	2 2 2 2	2 3 2	2 2 3 2
""	Standard Proview	11.517 - 18.015	3 2 1 3 2	1 3 2	2 2 3 2	2 3 2 2	2 3 3	2 3 3 3	3 3 3	3 2 1	3 2 1	3 2 2	2 3 2	2 3 2	2 3 3	3 3 3 3	3 3 3	3 2 1	3 2	1 3 2	2 3 2 2	3 2	2 3 2 2	3 2 2	. 3 2 2
	Shortest	11.266 - 11.516	3 2 1 3 2	1 3 2	2 2 3 2	2 3 2 2	2 3 2	2 3 2 3	3 2 3	3 2 1	3 2 1	3 2 2	2 3 2	2 3 2	2 3 2	3 3 2 3	3 2 3	3 2 1	3 2	1 3 2	2 3 2 2	3 2	2 3 2 2	3 2 2	3 2 2
 	Tallest	29.517 - 31.516	1 3 1 1 3	1 1 3	3 2 1 3	2 1 3 2	2 1 4	2 1 4 2	1 4 2	1 3 1	1 3 1	1 3 2	2 1 3	2 1 4	2 1 4	2 1 4 2	1 5 2	1 3 1	1 3	1 1 3	2 1 3 2	1 3	2 1 3 2	1 3 2	1 3 2
1 1	Custom Size	26,517 - 29,516	2 3 1 2 3	1 2 3	3 2 2 3	2 2 3 3	2 2 4	2 2 4 2	2 4 2	2 3 1	2 3 1	2 3 2	2 2 3	2 2 4	2 2 4	2 2 5 2	2 5 2	2 3 1	2 3	1 2 3	2 2 3 2	2 3	2 2 3 2	2 3 2	2 3 2
11	Standard Cottage	23.517 - 26.516	2 3 1 2 3	1 2 3	3 2 2 3	2 2 3	2 2 3	2 2 4 2	2 4 2	2 3 1	2 3 1	2 3 2	2 2 3	2 2 3	2 2 4	2 2 4 3	2 4 3	2 3 1	2 3	1 2 3	2 2 3 2	2 3	2 2 3 2	2 3 2	2 3 2
44	Equal-lite	20.517 - 23.516	3 2 1 3 2	1 3 2	2 2 3 2	2 3 3 ;	2 3 3	2 3 3 3	3 3 3	3 2 1	3 2 1	3 2 2	2 3 3	2 3 3	2 3 3	3 3 4 3	3 4 3	3 2 1	3 2	1 3 2	2 3 2 2	3 2	2 3 3 2	3 3 2	3 3 2
	Standard Proview	18.016 - 20.516	3 2 1 3 2	1 3 2	2 2 3 2	2 3 2 2	2 3 3	2 3 3 3	3 3 3	3 2 1	3 2 1	3 2 2	2 3 2	2 3 3	2 3 3	3 3 3 3	3 3 3	3 2 1	3 2	1 3 2	2 3 2 2	3 2	2 3 2 2	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	13 3 2
1 1	Custom Size	11.517 - 18.015	3 2 1 3 2	1 3 2	2 2 3 2	2 3 2 :	2 3 3	3 3 3 3	3 3 3	3 2 1	3 2 1	3 2 2	2 3 2	2 3 2	2 3 3	3 3 3 3	3 3 4	3 2 1	3 2	1 3 2	2 3 2 2	3 2	2 3 2 2	3 2 3	3 2 3
	Shortest	11.266 - 11.516	3 2 1 3 2	1 3 2	2 2 3 2	2 3 2 7	2 3 2	3 3 2 3	3 2 3	3 2 1	3 2 1	3 2 2	2 3 2	2 3 2	2 3 2	3 3 2 3	3 2 4	3 2 1	3 2	1 3 2	2 3 2 2	3 2	2 3 2 2	3 2 3	3 2 3
	Tallest	26.517 - 35.141	2 3 1 2 3	1 2 3	3 2 2 3	2 2 4	2 2 4	2 2 5 2	2 5 3	2 3 1	2 3 1	2 3 2	2 2 4	2 2 4	2 2 5	2 2 5 3	2 5 3	2 3 1	2 3	1 2 3	2 2 3 2	$\frac{2}{3}$	$\frac{2}{3}$ $\frac{2}{3}$ $\frac{4}{3}$ $\frac{2}{3}$	2 4 2	$\frac{2}{3} + \frac{2}{3} = \frac{2}{3}$
	Standard Cottage	23.517 - 26.516	3 3 1 3 3	3 1 3 3	3 2 3 3	2 3 3 3	2 3 3	2 3 4 3	3 4 3	3 3 1	3 3 1	3 3 2	2 3 3	2 3 3	2 3 4	3 3 4 3	3 4 3	3 3 1	3 3	1 3 3	$\frac{2}{3}$ $\frac{3}{3}$ $\frac{2}{3}$	13 3	$\frac{2}{3}$ $\frac{3}{3}$ $\frac{3}{3}$ $\frac{2}{3}$	3 3 3	3 3 2
	Equal-lite	20.517 - 23.516	3 2 1 3 2	2 1 3 2	2 2 3 2	2 3 3 :	2 3 3	3 3 3 3	3 3 3	3 2 1	3 2 1	3 2 2	2 3 3	2 3 3	2 3 3	3 3 4 3	3 4 3	3 2 1	3 2	1 3 2	2 3 2 2	3 2	$\frac{2}{3} \frac{3}{3} \frac{3}{3} \frac{2}{3}$	3 3 2	, 3 3 3
48	Standard Proview	18.016 - 20.516	3 2 1 3 2	2 1 3 2	2 2 3 2	2 3 2	2 3 3	3 3 3 3	3 3 3	3 2 1	3 2 1	3 2 2	2 3 2	2 3 3	2 3 3	3 3 3 3	3 3 3	3 2 1	3 2	1 3 2	$\frac{2}{3} \frac{3}{3} \frac{2}{3} \frac{2}{3} \frac{2}{3}$	3 2	$\frac{2}{3}$ $\frac{3}{3}$ $\frac{2}{3}$ $\frac{2}{3}$	3 3 3	3 3 3 3
	Custom Size	14.517 - 18.015	3 2 1 3 2	2 1 3 ;	2 2 3 2	2 3 2	2 3 3	3 3 3 3	3 3 3	3 2 1	3 2 1	3 2 2	2 3 2	2 3 2	2 3 3	3 3 3 3	3 3 4	3 2	3 2	1 3 2	2 3 2 2	3 2	2 4 2 2	4 2 3	3 4 2 3
	Custom Size	11.517 - 14.516	4 2 1 4 2	2 1 4 2	2 2 4 2	2 4 2	2 4 2	3 4 2 3	4 2 3	4 2 1	4 2 1	4 2 7	2 4 2	2 4 2	3 4 2	3 4 3 4	4 3 4	4 2	4 2	1 4 2	$\frac{2}{3} \frac{4}{4} \frac{2}{3} \frac{2}{3}$	4 2	2 4 2 2	4 2	3 4 2 3
	Shortest	11.266 - 11.516	4 2 1 4 2	1 4 :	2 2 4 2	2 4 2	2 4 2	3 4 2 3	4 2 3	4 2 1	4 2 1	4 2 2	2 4 2	2 4 2	3 4 2	3 4 2 4	4 2 4	4 2	2 3	1 2 3	2 2 3 3	2 3	2 2 4 2	2 4 2	2 2 4 2
5	Tallest	30,517 - 36,766	2 3 1 2 3	3 1 2 3	3 2 2 4	2 2 4	2 2 5	2 2 5 2	2 5 2	2 3 1	2 3 1	2 4	2 2 4	2 2 4	2 2 5	2 2 5 2	2 6 3	2 3	2 3	1 3 3	2 2 3 2	3 3	$\frac{2}{2}$ $\frac{1}{3}$ $\frac{3}{3}$ $\frac{2}{3}$	3 3 2	2 3 4 2
	Standard Cottage	27.517 - 30.516	3 3 1 3 3	3 1 3 :	3 2 3 3	2 3 3	2 3 4	2 3 4 2	3 4 3	3 3 1	3 3	3 3 7	2 3 3	2 3 4	2 3 4	3 3 3 3	3 4 3	3 3 3	3 3	1 3 3	2 3 3 2	3 3	2 3 3 2	3 3 2	2 3 3 2
X X	Custom Size	24.517 - 27.516	3 3 1 3 3	3 1 3	3 2 3 3	2 3 3	2 3 4	2 3 4 3	3 4 3	3 3 1	3 3	3 3 .	2 3 3	2 3 3	2 3 4	3 3 4 3	3 4 3	3 2	3 2	1 3 2	2 3 2 2	3 2	2 3 3 2	3 3 2	2 3 3 2
9 49.6	Equal-lite	21.517 - 24.516	3 2 1 3 2	2 1 3 3	2 2 3 3	2 3 3	2 3 3	3 3 3 3	3 4 3	3 2 1	3 2	3 3	2 3 3	2 3 3	2 3 3	3 3 3 3	3 3 3	3 2	3 2	1 3 2	2 3 2 2	3 2	2 3 2 2	3 3 3	3 3 3 3
φoκ	Standard Provew	18.016 - 21.516	3 2 1 3 2	2 1 3 2	2 2 3 2	2 3 2	2 3 3	3 3 3 3	3 3 3	3 2 1	1 2	4 2	2 4 2	2 4 2	2 4 3	3 4 3 4	4 3 4	4 2	4 2	1 4 2	2 4 2 2	4 2	2 4 2 2	4 2 3	3 4 2 3
Š.	Custom Size	14.517 - 18.015	4 2 1 4 2	2 1 4 3	2 2 4 2	2 4 2	2 4 3	3 4 3 3	4 3 3	4 2 1	4 2	4 2	2 4 2	2 4 2	3 4 2	3 4 3 4	4 3 4	4 2	4 2	1 4 2	2 4 2 2	4 2	2 4 2 2	4 2 3	3 4 2 3
	Custom Size	11.517 - 14.516	4 2 1 4 4	2 1 4	2 2 4 2	2 4 2	2 4 2	3 4 2 3	4 2 3	4 2 1	4 2	4 2	2 4 2	2 4 2	3 4 2	3 4 2 4	4 2 4	4 2	4 2	1 4 2	2 4 2 2	4 2	2 4 2 2	4 2 3	3 4 2 3
	Shortest	11.266 - 11.516	4 2 1 4 4	2 1 4	2 2 4 2	2 4 2	2 4 2	3 4 2 3	3 5 3	3 3 1	3 3	3 4	2 3 4	2 3 4	2 3 5	3 3 5 3	3 6 3	3 3	3 3	1 3 3	2 3 3 2	3 3	2 3 4 2	3 4 2	2 3 4 2
	Standard Cottage	34.517 - 36.767	3 3 1 3 .	3 1 3	3 2 3 4	2 3 4	2 3 3	3 3 5 3	3 5 3	3 3 1	3 3	3 3	2 3 4	2 3 4	2 3 5	3 3 5 3	3 5 3	3 3	3 3	1 3 3	2 3 3 2	3 3	2 3 4 2	3 4 2	2 3 4 3
	Custom Size	32.517 - 34.516 29.517 - 32.516	3 3 1 3	3 1 3	3 2 3 3	2 3 7	2 3 4	3 3 4 3	3 5 3	3 3 1	3 3	3 3	2 3 4	2 3 4	2 3 5	3 3 5 3	3 5 4	3 3	3 3	1 3 3	2 3 3 3	3 3	2 3 3 2	3 4 3	3 3 4 3
	Equal-lite	26.517 - 32.516	4 3 1 4 3	3 1 4	3 2 4 3	2 4 3	2 4 4	3 4 4 3	4 4 3	4 3 1	4 3	4 3	2 4 3	2 4 4	2 4 4	3 4 5 4	4 5 4	4 3	4 3	1 4 3	2 4 3 2	2 4 3	2 4 3 2	4 3	3 4 3 3
6.	Custom Size Standard Proview	23.517 - 26.516		3 1 4	3 2 4 3	2 4 3	2 4 3	3 4 4 3	4 4 3	4 3 1	4 3	4 3	2 4 3	2 4 3	3 4 4	3 4 4 4	4 4 4	4 3	4 3	1 4 3	2 4 3 2	4 3	2 4 3 2	4 3	3 4 3 3
"	Custom Size	21.016 - 23.516	4 2 1 4	2 1 4	2 2 4 2	2 4 3	2 4 3	3 4 3 3	4 3 4	4 2 1	4 2	4 2	2 4 3	2 4 3	3 4 3	3 4 4 4	4 4 4	4 2	4 2	1 4 2	2 4 2 3	2 4 2	2 4 3 3	4 3	3 4 3 3
	Custom Size	18,016 - 21,015	4 2 1 4	2 1 4	2 2 4 2	2 4 2	2 4 3	3 4 3 3	4 3 4	4 2 1	4 2	4 2	2 4 3	2 4 3	3 4 3	3 5 3 4	5 3 4	4 2	4 2	1 4 2	2 4 2 2	2 4 2	2 4 2 3	4 3	3 4 3 3
	Custom Size	14.517 - 18.015	5 2 1 5	2 1 5	2 2 5 2	2 5 2	2 5 3	3 5 3 3	5 3 4	5 2 1	5 2	5 2	2 5 2	2 5 2	3 5 3	3 5 3 4	5 3 4	5 2	5 2	1 5 2	2 5 2 2	2 5 2	2 5 2 3	5 2	3 5 2 3
	Shortest	11,516 - 14,516	5 2 1 5	2 1 5	2 2 5 2	2 5 2	2 5 2	3 5 2 4	5 2 4	5 2 1	5 2	5 2	2 5 2	2 5 2	3 5 2	3 5 3 4	5 3 4	5 2	5 2	1 5 2	2 5 2	2 5 2	2 5 2	5 2	3 5 2 3
	Tallest	38.517 - 41.266	4 4 1 4	4 1 4	4 2 4 4	2 4 4	2 4 5	3 4 5 3	4 6 3	4 4 1	1 4 4	4 4	2 4 4	2 4 5	3 4 6	3 4 6 4	4 6 4	4 4	1 4 4	1 4 4	2 4 4	2 4 4	2 4 4 3	4 4	3 4 5 3
	Equal-lite	36.517 - 38.516	4 3 1 4 :	3 1 4	3 2 4 4	2 4 4	2 4 5	3 4 5 3	4 5 3	4 3 1	1 4 3	4 4	2 4 4	2 4 5	3 4 5	3 4 6 4	4 6 4	4 3	1 4 3	1 4 3	2 4 3	2 4 3	2 4 4 2	4 4	3 4 4 3
	Custom Size	34.517 - 36.516	4 3 1 4	3 1 4	3 2 4 3	2 4 4	2 4 4	3 4 5 3	4 5 4	4 3 1	1 4 3	4 4	2 4 4	2 4 4	3 4 5	3 4 5 4	4 6 4	4 3	1 4 3	1 4 3	2 4 3 :	2 4 3	2 4 4	4 4	3 4 4 3
	Custom Size	32.517 - 34.516	4 3 1 4	3 1 4	3 2 4 3	2 4 4	2 4 4	3 4 5 3	4 5 4	4 3 1	1 4 3	4 3	2 4 4			3 4 5 4	4 5 4	4 3	1 4 3	1 4 3	2 4 3	2 4 3	2 4 4 3		3 4 4 3
7	Custom Size	30.517 - 32.516	4 3 1 4	3 1 4	3 2 4 3	2 4 3	2 4 4	3 4 4 3	4 5 4	4 3 1	1 4 3	4 3	2 4 4	2 4 4	3 4 5	3 5 5 4	5 5 4	4 3	1 4 3	1 4 3	2 4 3	2 4 3	2 4 3	5 4 4	3 4 4 3
	Standard Proview	00 547 00 546	5 2 4 5	2 4 5	2 2 5 2	2 6 3	2 5 4	3 5 4 3	15 1 4 1 4	限ち しるしょ	1 1 5 3	1 5 3	2 1 5 3	2 1 5 1 4	1315141	3 5 5 4	15 5 4	5 3	1 5 3	1 5 5 5 1	2 1 2 1 3 1	4 3 3	2 3 3 3 1 .	, , , , , , ,	2 2 7 3
	Custom Size	26.517 - 28.516	5 2 4 5	2 4 5	2 2 5 3	2 5 2	2 5 4	3 5 4 3	15 1 4 1 4		1 1 5 3	1 5 3	2 5 3	2 5 3	13 15 14 1	3 5 4 4	1515141	5 3	1 5 3	1 5 1 3 1	2 3 5 3 1 .	2 3 3	2 3 3 3 1 .	, , , , , ,	3 3 3 3 3 3 5
	Custom Size	24.516 - 26.516	5 0 4 5	2 4 5	2 2 5 2	2 5 2	2 2 2	1 2 1 5 1 4 1 4	15 1 4 1 4	暮らしる 1・	1 5 3	1 5 3 1	2 5 3	2 R 5 3	1315141	3 5 4 4	5 4 4	5 3	1 5 3	1 5 3	2 3 3 .	2 3 3	2 3 3	, , , , ,	2 2 3 3 3
	Equal-lite	41,266	4 4 1 4	4 1 4	4 2 4 4	2 4 4	2 4 5	3 4 5 3	4 6 4	4 4 7	1 4 4	4 4	2 4 4	2 4 5	3 4 6	3 4 6 4	4 6 4	14 4	1 4 4	1 4 4	2 4 4	2 4 4	2 4 4	3 4 4	3 4 5 3
	Custom Size	38.517 - 41.265	4 4 1 4	4 1 4	4 2 4 4	2 4 4	2 4 5	3 4 5 3	4 6 4	4 4	1 4 4	1 4 4	2 4 4	2 4 5	3 4 6	3 5 6	5 6 4	5 2	1 5 3	1 5 3	2 5 3	2 5 3	2 5 4	5 4	3 5 4 3
	Custom Size	35.517 - 38.516	5 3 1 5	3 1 5	3 2 5 4	2 5 4	2 5 5	3 5 5 3	5 5 4	5 3	5 3	5 4	2 5 4	2 3 5	3 5 5	3 5 5	5 6 4	5 3	1 5 3	1 5 3	2 5 3	2 5 3	2 5 4	3 5 4	3 5 4 3
<u> </u>	Standard Proview						2 5 4	3 5 5 4	5 5 4	5 3	1 5 3	5 3	2 3 4	2 3 4	3 3 3	2 3 3 4	3 6 4	313	, , , , , ,		-10101	- 1 - 1 - 1	- 1 - 1 - 1		
CEE T	ARIE 6 SHEET	ZEOD DESI	CNIDDECCUBE	CIALLENI	LICINIC THIS	TABLE																			

GLASS TYPES 9 THROUGH 16 MAY NOT BE USED WITH J-CHANNEL OR INTEGRAL FIN FRAMES

PRODUCT REVISED

NOA-No.

as complying with the Florida Building Code

Expiration Date 09/17/2025

Miami-Dade Product Control

Drawn By:

20-0401.06

J ROSOWSKI

05/15/15

SEE TABLE 6, SHEET 7 FOR DESIGN PRESSURES WHEN USING THIS TABLE.

MIN. BOTTOM SASH HEIGHT = WINDOW BUCK HEIGHT - 50.484

(APPLIES TO ANY HEIGHT 84" OR LESS).

No. 58705 No. 58705 No. 58705 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941)-480-1600 REGISTRATION #29296

Revision:
C) CORRECTED MIN. SASH
HEIGHT FORMULA.
AK - 03/11/20

Description:
ANCHOR QUANTITY TABLE

DOUBLE HUNG WINDOW INSTALLATION - LM

 Series/Model:
 Scale:
 Sheet:
 Drawing No.
 Rev:

 DH-5560
 NTS
 10 OF 14
 MD-DH5560-01
 C

NOTES:

- 1) FRAME DIMENSIONS ARE BUCK. "MR"=MEETING RAIL.
- 2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.
- 3) REFER TO TABLE 2, SHEET 2 FOR ANCHOR GROUP DESCRIPTIONS.

TAI	SLE 11							Annhar	-Cmun B				1				nchor Group	<u>c</u>							Ancho	Group D			
Anchor Quantities Required for			uired for	405/111	T 000000	24" Wide 32' Wide		Anchor Group B		[CO 4 (0) 11/14-		18" Wide	24" Wide	32° Wide				48" Wide	de 52-1/8" Wide 54" Wide		18" Wide	24" Wide	24" Wide 32" Wide		36" Wide 40" Wide		48" Wide 52-1/8" Wide 54" Wid		
	"Thre	ough-Frame" Inst	allation	18" Wide	24" Wide			36* Wide	40" Wide	48" Wide	52-1/8" Wide	54" Wide Jamb	Jamb	Jamb Jamb	Jamb	Jamb	Jam		Jamb J	Jamb Viuc	Jamb	Jamb	Jamb	Jam b	Jamb	Jamb	Jamb	Jamb	Jamb
	- T	Datter Seek I			Jamb	Jamb	→	Jamb					2 6	2 0 0 2		200	1 5 KT	m 1	<u> </u>	2 2 h	MR Mer	R R F	N N	P 12 12	5 K K 5	A A P	E E P	<u>α</u> α	MR MR
	s Types: 1, 15 & 16	Bottom Sash Description for given	Bottom	MR AMR	# N	M R	8 3	1 1 B	MR WMR	MR Wader	N N N	MR vMR	2 2	N N N	M M N	2 2	S 20	N P	M M D	N N P	M M M	20 0	S S	8 0 X	N N N N	8 % B	N N P	9 3	5 × × × × ×
	proement	Range @ Window	Sash Height	§ § ĭ	\$ \$ å	E S S	Ž II	[] § I	1 8 8 X	\$ 8 X	1 g 2 1	1 80 be	g g:	I B B I	1 g g	: g g	ĬÌ	흥 로	I 8 8	B S I	F 8 6	ğ g l	호 응	다 호 호 i		ğ 8 T	[호 윤 프	5 8	그 점 용 그
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П	24	E qual-lite	11.266	1 2 1	1 2 1	1 1 2	2 2 1	2 2	1 2 2	1 2 2	1 2 2	1 2 2	1 2	1 1 2 1	1 2 2	2 1 2	2 1	2 2	1 2 2	1 2 2	1 2 2	1 2 1	1 2	1 1 2	2 1 2 2	1 2 2	1 2 2	1 2	2 1 2 2
lſ		Standard Cottage	13.517 - 15.516	1 2 1	1 2 1	1 1 2	2 2 -	1 2 2	1 2 2	1 2 2	1 2 2	1 2 2	1 2	1 1 2 1	1 2 3	2 1 2	2 1	2 2	1 3 2	1 3 2	1 3 2	1 2 1	1 2	1 1 2	2 1 2 2	1 2 2	1 2 2	1 2	2 1 2 2
	28	E qual-lite	11.517 - 13.516	1 2 1	1 2 1	1 1 2	2 2 ′	2 2	1 2 2	1 2 2	2 2 2	2 2 2	1 2	1 1 2 1	1 2 3	2 1 2	2 1	2 2	2 2 2	2 2 2	2 2 2	1 2 1	1 2	1 1 2	2 1 2 2	1 2 2	1 2 2	1 2	2 1 2 2
		Standard Proview	11.266 - 11.516	1 2 1	1 2 1	1 1 2	2 2	2 2	1 2 2	1 2 2	2 2 2	2 2 2	1 2	1 1 2 1	1 2 2	2 1 2	2 1	2 2	2 2 2	2 2 2	2 2 2	1 2 1	1 2	1 1 2	2 1 2 2	1 2 2	1 2 2	1 2	2 1 2 2
1 1		Tallest	23.517 - 24.891	1 2 1	1 2 1	1 1 2	2 2	1 3 2	1 3 2	1 3 2	1 3 2	1 4 2	1 2	1 1 2 1	1 3	2 1 3	2 1	3 2	1 4 2	1 4 2	1 4 2	1 2 1	1 2	1 1 2	2 1 2 2	1 2 2	1 3 2	1 3	2 1 3 2
1 [Standard Cottage	20.517 - 23.516	1 2 1	1 2 1	1 1 2	2 2	1 2 2	1 3 2	1 3 2	2 3 2	2 3 2	1 2	1 1 2 1	1 2	2 1 3	2 1	3 2	2 3 2	2 4 2	2 4 2	1 2 1	1 2	1 1 2	2 1 2 2	1 2 2	1 3 2	1 3	2 1 3 2
	37.375	E qual-lite	18.016 - 20.516	2 2 1	2 2 1	1 2 2	2 2 2	2 2 2	2 2 2	2 3 2	2 3 2	2 3 2	2 2	1 2 2 1	2 2	2 2 2	2 2	3 2	2 3 2	2 3 3	2 3 3	2 2	2 2	1 2 2	2 2 2 2	2 2 2	2 2 2	2 3	2 2 3 2
		Standard Proview	11,517 - 18,015	3 2 1	3 2 1	1 3 2	2 2 :	3 2 2	3 2 2	3 3 2	3 3 3	3 3 3	3 2	1 3 2 1	3 2 3	2 3 2	2 3	2 2	3 3 3	3 3 3	3 3 3	3 2	3 2	1 3 2	2 3 2 2	3 2 2	3 2 2	3 2	2 3 2 2
		Shortest	11.266 - 11.516	3 2 1	3 2 1	1 3 2	2 2 :	3 2 2	3 2 2	3 2 2	3 2 3	3 2 3	3 2	1 3 2 1	3 2 3	2 3 2	2 3	2 2	3 2 3	3 2 3	3 2 3	3 2	3 2	1 3 2	2 3 2 2	3 2 2	3 2 2	3 2	2 3 2 2
1 1		Tallest	29,517 - 31,516	1 3 1	1 3 1	1 1 2	3 2	1 3 2	1 3 2	1 4 2	1 4 2	1 4 2	1 3	1 1 3 1	1 3	2 1 3	2 1	4 2	1 4 2	1 4 2	1 5 2	1 3	1 3	1 1 3	2 1 3 2	1 3 2	1 3 2	1 3	2 1 3 2
1		Custom Size	26.517 - 29.516	2 3 1	2 3	1 2 3	3 2	3 3	2 3 2	2 4 2	2 4 2	2 4 2	2 3	1 2 3 1	2 3	2 2 3	2 2	4 2	2 4 2	2 5 2	2 5 2	2 3	2 3	1 2 3	2 2 3 2	2 3 2	2 3 2	2 3	2 2 3 2
		Standard Cottage	23.517 - 26.516	2 3 4	2 3	1 2 3	3 2	7 3 7	1 2 3 2	2 3 2	2 4 2	2 4 2	2 3	1 2 3 1	2 3	2 2 3	2 2	3 2	2 4 2	2 4 3	2 4 3	2 3	2 3	1 2 3	2 2 3 2	2 3 2	2 3 2	2 3	2 2 3 2
			20.517 - 23.516	3 3 4	13/3/	1 2 1	- - -	2 2 2	13 2 2	3 3 3	3 3 3	3 3 3	3 2	1 3 2 1	3 2	2 3 3	2 3	3 2	3 3 3	3 4 3	3 4 3	3 2	3 2	1 3 2	2 3 2 2	3 2 2	3 3 2	3 3	2 3 3 2
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		Standard Proview	18.016 - 20.516	3 2 1	3 2	1131	2 2	3 2 2	13 2 2	3 3 2	13 3 3	2 2 3	2 2	1 3 2 1	3 3 3	3 3 3	2 3	2 2	3 3 3	13 3 3	3 3 4	3 2 .	3 2	1 3 2	2 3 2 2	3 2 2	3 2 2	3 2	3 3 2 3
1 1		Custom Size	11.517 - 18.015	3 2 1	3 2	1 3 4	2 2	3 2 2	3 2 2	3 3 3	3 3 3	3 3 3	3 2	 3 2 	3 2		2 3	2 2	3 3 3	3 3 3	3 3 4		3 2	1 3 2	2 3 2 2	1 2 2	3 2 2	3 2	3 3 2 3
		Shortest	11.266 - 11.516	3 2 1	3 2	1 3 2	2 2 :	3 2 2	3 2 2	3 2 3	3 2 3	3 2 3	3 2	1 3 2 1	3 2	2 3 2	12 3	2 2	3 2 3	3 2 3	3 2 4	3 2	3 2	1 3 2	2 2 2 2	2 2 2	2 4 2	2 4	2 2 4 2
İΙ	- 1	Tallest	26.517 - 35.141	2 3 1	2 3	1 2 3	3 2 2	2 3 2	2 4 2	2 4 2	2 5 2	2 5 3	2 3	1 2 3 1	2 3	2 2 4	2 2	4 2	2 5 2	2 5 3	12 3 3	2 3	2 3	1 2 3	2 2 3 2	2 3 2	2 3 3	2 3	2 2 7 2
1 1		Standard Cottage	23.517 - 26.516	3 3 1	3 3 '	1 3 ;	3 2	3 3 2	3 3 2	3 3 2	3 4 3	3 4 3	3 3	1 3 3 1	3 3	2 3 3	2 3	3 2	3 4 3	3 4 3	3 4 3	3 3	3 3	$\frac{1}{1} \frac{3}{3} \frac{3}{3}$	2 3 3 2	$\frac{ 3 }{ 3 } \frac{3}{ 2 } \frac{2}{ 2 }$	$\frac{3}{3} \frac{3}{3} \frac{2}{3}$	1 3 3	$\frac{2}{3} \frac{3}{3} \frac{3}{2} \frac{2}{3}$
1 1		E qual-lite	20,517 - 23,516	3 2 1	3 2	1 3 2	2 2	3 2 2	3 3 2	3 3 3	3 3 3	3 3 3	3 2	1 3 2 1	3 2	2 3 3	2 3	3 2	3 3 3	3 4 3	3 4 3	3 2	3 2	1 3 2	2 3 2 2	3 2 2	3 3 2	13 3	$\frac{2}{3} \frac{3}{3} \frac{3}{2} \frac{2}{3}$
	48	Standard Proview	18.016 - 20.516	3 2 1	3 2	1 3 3	2 2	3 2 2	3 2 2	3 3 3	3 3 3	3 3 3	3 2	1 3 2 1	3 2	2 3 2	2 3	3 2	3 3 3	3 3 3	3 3 3	3 2	3 2	1 3 2	2 3 2 2	3 2 2	3 2 2	13131	2 3 3 3
		Custom Size	14.517 - 18.015	3 2 1	3 2	1 3 2	2 2 :	3 2 2	3 2 2	3 3 3	3 3 3	3 3 3	3 2	1 3 2 1	3 2	2 3 2	2 3	2 2	3 3 3	3 3 3	3 3 4	3 2	3 2	1 3 2	2 3 2 2	3 2 2	3 2 2	3 2	3 3 2 3
1 1		Custom Size	11.517 - 14.516	4 2 1	4 2	1 4 3	2 2	4 2 2	4 2 2	4 2 3	4 2 3	4 2 3	4 2	1 4 2 1	4 2	2 4 2	2 4	2 3	4 2 3	4 3 4	4 3 4	4 2	4 2	1 4 2	2 4 2 2	4 2 2	4 2 2	4 2	3 4 2 3
_		Shortest	11.266 - 11.516	4 2 1	4 2	1 4 3	2 2	4 2 2	4 2 2	4 2 3	4 2 3	4 2 3	4 2	1 4 2 1	4 2	2 4 2	2 4	2 3	4 2 3	4 2 4	4 2 4	4 2	4 2	1 4 2	2 4 2 2	4 2 2	4 2 2	4 2	3 4 2 3
5		Tallest	30.517 - 36.766	2 3 1	2 3	1 2 3	3 2	2 4 2	2 4 2	2 5 2	2 5 2	2 5 2	2 3	1 2 3 1	2 4	2 2 4	2 2	4 2	2 5 2	2 5 2	2 6 3	2 3	2 3	1 2 3	2 2 3 2	2 3 2	2 4 2	2 4	2 2 4 2
5		Standard Cottage	27.517 - 30.516	3 3 1	3 3	1 3 :	3 2	3 3 2	3 3 2	3 4 2	3 4 2	3 4 3	3 3	1 3 3 1	3 3	2 3 3	2 3	4 2	3 4 3	3 5 3	3 5 3	3 3	3 3	1 3 3	2 3 3 2	3 3 2	3 3 2	3 3	2 3 4 2
£		Custom Size	24.517 - 27.516	3 3 1	3 3	1 3 3	3 2	3 3 2	3 3 2	3 4 2	3 4 3	3 4 3	3 3	1 3 3 1	3 3	2 3 3	2 3	3 2	3 4 3	3 4 3	3 4 3	3 3	3 3	1 3 3	2 3 3 2	3 3 2	3 3 2	3 3	2 3 3 2
ğ		E qual-lite	21.517 - 24.516	3 2 1	3 2	1 3 2	2 2	3 3 2	3 3 2	3 3 3	3 3 3	3 4 3	3 2	1 3 2 1	3 3	2 3 3	2 3	3 2	3 4 3	3 4 3	3 4 3	3 2	3 2	1 3 2	2 3 2 2	3 2 2	3 3 2	3 3	2 3 3 2
₹ 9	49.625	Standard Proview	18.016 - 21.516	3 2 1	3 2	1 3 :	2 2	3 2 2	3 2 2	3 3 3	3 3 3	3 3 3	3 2	1 3 2 1	3 2	2 3 3	2 3	3 2	3 3 3	3 3 3	3 3 3	3 2	3 2	1 3 2	2 3 2 2	3 2 2	3 2 2	3 3	3 3 3 3
뒫		Custom Size	14,517 - 18,015	4 2 1	4 2	1 4	2 2	4 2 2	4 2 2	4 3 3	4 3 3	4 3 3	4 2	1 4 2 1	4 2	2 4 2	2 4	2 2	4 3 3	4 3 4	4 3 4	4 2	4 2	1 4 2	2 4 2 2	4 2 2	4 2 2	4 2	3 4 2 3
₹		Custom Size	11,517 - 14,516	4 2 1	4 2	1 4	2 2	4 2 2	4 2 2	4 2 3	4 2 3	4 2 3	4 2	1 4 2 1	4 2	2 4 2	2 4	2 3	4 2 3	4 3 4	4 3 4	4 2	4 2	1 4 2	2 4 2 2	4 2 2	4 2 2	4 2	3 4 2 3
		Shortest	11.266 - 11.516	4 2 1	4 2	1 4	2 2	4 2 2	4 2 2	4 2 3	4 2 3	4 2 3	4 2	1 4 2 1	4 2	2 4 2	2 4	2 3	4 2 3	4 2 4	4 2 4	4 2	4 2	1 4 2	2 4 2 2	4 2 2	4 2 2	4 2	3 4 2 3
		Standard Cottage	34,517 - 36,767	2 3 1	13 3	1 3	3 2	3 4 5	3 4 2	3 5 3	3 5 3	3 5 3	3 3	1 3 3 1	3 4	2 3 4	2 3	4 2	3 5 3	3 5 3	3 5 3	3 3	3 3	1 3 3	2 3 3 2	3 3 2	3 4 2	3 4	2 3 4 2
		Custom Size	32.517 - 34.516	3 3 1	13 3	1 3	3 2	3 3 2	3 4 2	3 4 3	3 5 3	3 4 3	3 3	1 3 3 1	3 3	2 3 4	2 3	4 2	3 5 3	3 5 3	3 5 3	3 3	3 3	1 3 3	2 3 3 2	3 3 2	3 4 2	3 4	2 3 4 2
				3 3 4	13 3	1 3	2 2	2 2 2	1 3 3 3	3 4 3	3 4 3	2 4 2	3 3	1 3 3 1	3 3	2 3 7	2 3	A 2	3 5 3	3 5 3	3 5 3	3 3	3 3	1 3 3	2 3 3 2	3 3 2	3 3 2	3 4	3 3 4 3
		E qual-lite	29.517 - 32.516	3 3 1	13 3	1 3		4 3 4	13 3 2	7 7 7		1 7 7 7	7 3	1 4 3 4	1 4 3	2 / 1	1212	4 2	4 4 2	A A 3	1 A A 3	4 3	4 3	1 4 3	2 4 3 2	4 3 2	4 3 2	4 3	3 4 3 3
	~~	Custom Size	26.517 - 29.516	4 3 1	4 3		3 2	1 3 2	17 3 2	4 2 3	1 7 7 7 3	A A 2	4 3	1 4 3 1	1 2 2	2 4 3	2 4	3 3	4 4 3	4 4 4	4 4 4	4 3	4 3	1 4 3	2 4 3 2	4 3 2	4 3 2	4 3	3 4 3 3
	62	Standard Proview	23.517 - 26.516	9 3 1	1 3 1	4	3 4	7 3 2	1 3 1 2	7 3 3	+ + + + + + + + + + + + + + + + + + + +	1 1 3 3	7 1 3	1 7 3 1 4	 	7 7 1	1 2 1 7 1	3 3	4 2 3	1 3 3 3		4 2	1 2 3	1 4 2	2 4 2 2	4 2 2	4 2 2	4 3	3 4 3 3
		Custom Size	21.016 - 23.516	4 2 1	4 2	1 4 1	2 2	4 2 2	4 2 2	4 3 3	1 4 3 3	1 3 3	4 2	1 1 1 1 1	17 2	1 7 1	15 3	3 3	4 2 2	4 3 3		4 2	4 2	1 4 2	2 4 2 2	4 2 2	4 2 2	4 2	3 4 2 3
		Custom Size	18.016 - 21.015	4 2 1	4 2	1 4	2 2	4 2 2	4 2 2	4 3 3	1 1 3 3	+ 3 3	7 2 5 2	1 7 2 1	1714		+	3 2	5 3 3	 [] 	 	5 2	5 2	1 5 2	2 5 2 2	15 2 2	5 2 2	5 2	2 5 2 3
		Custom Size	14.517 - 18.015	5 2 1	5 2	1 5	2 2	2 2 2	5 2 2	5 2 3	5 2 3	5 2 3	3 2	1 5 2 1	13 2	4 3 4	2 3	2 2	5 2 3	1 3 3	1 3 3 4			1 5 3	2 5 3 7	5 2 2	5 7 7	5 2	2 5 2 2
		Shortest	11.515 - 14.516	5 2 1	5 2	1 5 3	2 2	5 2 2	5 2 2	5 2 2	5 2 3	5 2 3	5 2	1 5 2 1	5 2	2 5 2	2 5	2 2	5 2 3	5 2 3	5 2 3	4 4	3 2	1 3 2	2 3 4 4 3	4 4 2	4 4 2	4 4	2 4 4 2
1 1		Tallest	38.517 - 41.266	4 4 1	4 4	1 4	4 2	4 4 2	4 4 2	4 4 2	4 4 3	4 5 3	4 4	1 4 4 1	14 4	2 4 4	2 4	4 2	4 5 3	4 5 3	4 3 3		1 7 1 7	' 	2 7 7 7 2	4 3 2		4 4	3 4 4 3
		Equal-lite	36.517 - 38.516	4 3 1	4 3	1 4		4 3 2	4 4 2	4 4 3	4 5 3	4 5 3	4 3	1 4 3 1	4 4	2 4 4	2 4	4 2	4 5 3	4 5 3	4 5 3	4 3	4 3	1 4 3	2 4 3 2		1		
		Custom Size	34.517 - 36.516	4 3 1		1 4						4 4 3			4 3			4 2			4 5 3		4 3	1 4 3	2 4 3 2				
	75	Custom Size	32.517 - 34.516	4 3 1	4 3	1 4	3 2	4 3 2	4 3 2	4 4 3	4 4 3	4 4 3	4 3	1 4 3 1	4 3	2 4 3	3 2 4	4 2	4 4 3	4 4 3	4 5 3	4 3							2 4 3 3
	15	Custom Size	30.517 - 32.516	4 3 1	4 3	1 4	3 2	4 3 2	4 3 2	4 4 3	4 4 3	4 3 3	4 3	1 4 3 1	4 3	2 4 3	2 4	4 2	4 4 3	4 4 3	4 4 3	4 3	1 4 3	1 4 3	2 4 3 2	4 3 2	4 3 2	4 3	2 4 3 2
		Standard Proview	28.517 - 30.516	5 3 1	5 3	1 5	3 2	5 3 2	5 3 2	5 3 3	5 3 3	5 3 3	5 3	1 5 3 1	5 3	2 5 3	2 5	3 2	5 4 3	5 4 3	5 4 3	5 3	1 5 3	1 5 3	2 5 3 2	5 3 2	5 3 2	5 3	2 5 3 2
		Custom Size	26.517 - 28.516	5 3 1	5 3	1 5	3 2	5 3 2	5 3 2	5 3 3	5 3 3	5 3 3	5 3	1 5 3 1	5 3	2 5 3	2 5	3 2	5 3 3	5 4 3	5 4 3	5 3	1 5 3	1 5 3	2 5 3 2	5 3 2	5 3 2	5 3	2 5 3 2
		Custom Size	24.516 - 26.516	5 3 1	5 3	1 5	3 2	5 3 2	5 3 2	5 3 2	5 3 3	5 3 3	5 3	1 5 3 1	5 3	2 5 1 3	1 2 5	3 2	5 3 3	5 3 3	5 3 3	5 3	1 5 3	1 5 3	2 5 3 2	5 3 2	5 3 2	5 3	2 5 3 2
		E qual-lite	41.266								3 4 4 3		4 4	1 4 4 1	4 4	2 4 -	2 4	4 2	4 5 3	4 5 3	4 5 3	4 4	1 4 4	1 4 4	2 4 4 2	4 4 2	4 4 2	4 4 4	2 4 4 3
		Custom Size	38.517 - 41.265	5 4 1	5 4	1 5	4 2	5 4 2	5 4 2	5 4 3	5 4 3	5 4 3	5 4	1 5 4 1	5 4	2 5 4	2 5	4 2	5 5 3	5 5 3	5 5 3	5 4	1 5 4	1 5 4	2 5 4 2	5 4 2	5 4 2	5 4	2 5 4 2
	84	Custom Size	35.517 - 38.516	5 3 1	5 3	1 5	3 2	5 3 2	5 3 2	5 3 2	5 4 3	5 4 3	5 3	1 5 3 1	5 3	2 5 3	3 2 5	3 2	5 4 3	5 4 3	5 4 3	5 3	1 5 3	1 5 3	2 5 3 2	5 3 2	5 3 2	5 3	2 5 3 2
		Standard Proview	33,516 - 35,516								5 3 3			1 5 3 1	5 3	2 5	2 5	3 2	5 4 3	5 4 3	5 4 3	5 3	1 5 3	1 5 3	2 5 3 2	5 3 2	5 3 2	5 3	2 5 3 2
L			33,516 - 35,516									1-1-1-																	

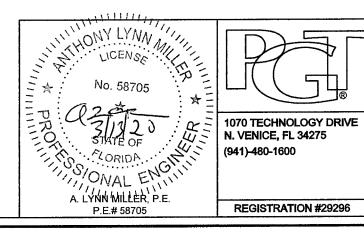
GLASS TYPES 9 THROUGH
16 MAY NOT BE USED WITH
J-CHANNEL OR INTEGRAL
FIN FRAMES

SEE TABLE 7, SHEET 7 FOR DESIGN PRESSURES WHEN USING THIS TABLE.
MIN. BOTTOM SASH HEIGHT = WINDOW BUCK HEIGHT - 50.484

(APPLIES TO ANY HEIGHT 84" OR LESS).

NOTES

- 1) FRAME DIMENSIONS ARE BUCK. "MR"=MEETING RAIL.
- 2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.
- 3) REFER TO TABLE 2. SHEET 2 FOR ANCHOR GROUP DESCRIPTIONS.



Revision:
C) CORRECTED MIN. SASH
HEIGHT FORMULA.
AK - 03/11/20

Description:
ANCHOR QUANTITY TABLE

Drawn By: J ROSOWSKI

PRODUCT REVISED

NOA-No.

as complying with the Florida Building Code

Expiration Date 09/17/2025

Miami-Dade Product Control

20-0401.06

05/15/15

Rev:

C

Title:
DOUBLE HUNG WINDOW INSTALLATION - LM

DOUBLE HUNG WINDOW INSTALLATION - LIM

Series/Model: | Scale: | Sheet: | Drawing No.

 s/Model:
 Scale:
 Sheet:
 Drawing No.

 DH-5560
 NTS
 11 OF 14
 MD-DH5560-01

