



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

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

PGT Industries
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 "SS 3500" Aluminum Storefront System – L.M.I.

APPROVAL DOCUMENT: Drawing No. **MD-3500-LM**, titled "Series Storefront System Details – LM", sheets 1 through 10 of 10, dated 10/05/12 with the latest revision dated 01/08/13, prepared by manufacture, signed and sealed by Anthony Lynn Miller, P. E., bearing the Miami-Dade County Product Control Section Approval stamp with the Notice of Acceptance number and Approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

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

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



J. Gascon
1/10/13

NOA No. 12-1005.01
Expiration Date: January 17, 2018
Approval Date: January 17, 2013
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **MD-3500-LM**, titled "Series Storefront System Details – LM", sheets 1 through 10 of 10, dated 10/05/12 with the latest revision dated 01/08/13, prepared by manufacture, 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 Tests, per ASTM E 547-00 (2009), ASTM E 331-00 (2009) and 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 AAMA 1304-02, FBC 2411.3.2.1, and TAS 202-94

along with marked-up drawings and installation diagram of storefront system with French door and transom, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-7137**, dated 12/10/12, signed and sealed by Marlin D. Brinson, P. E.

2. 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 203-94along with marked-up drawings and installation diagram of storefront system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-7208**, dated 01/04/13, signed and sealed by Marlin D. Brinson, P. E.

C. CALCULATIONS

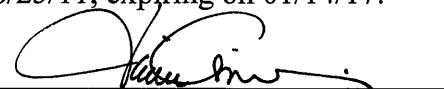
1. Anchor calculations and structural analysis, complying with **FBC-2010**, prepared by manufacture, dated 12/17/12, signed and sealed by Anthony Lynn Miller, P. E.
2. **Glazing complies with ASTM E1300-04**

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **11-0624.01** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite® PVB Interlayer**" dated 09/08/11, expiring on 12/11/16.
2. Notice of Acceptance No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.



Jaime D. Gascon, P. E.
Product Control Section Supervisor
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E. MATERIAL CERTIFICATIONS (CONTINUED)

3. QUANEX I.G. Super Spacer by Edgetech I.G., Inc. exterior flexible, organic foam spacer complying with ASTM C518 passed, ASTM F1249 passed, ASTM D3985 passed, ASTM D395B 22 HRS 185°F and ASTM E2190 passed.

F. STATEMENTS

1. Statement letter of no financial interest, conformance and complying with **FBC-2010**, issued by manufacture, dated 10/04/12, signed and sealed by Anthony Lynn Miller, P. E.
2. Laboratory compliance letter for Test Report No.'s **FTL-7137**, dated 12/10/12 and **FTL-7208**, dated 01/04/13, issued by Fenestration Testing Laboratory, Inc., both signed and sealed by Marlin D. Brinson, P. E.
3. Proposal issued by Product Control, dated 10/05/12, signed by Manuel Perez, P. E.

G. OTHERS

1. None.



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 12-1005.01
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GENERAL NOTES: SS-3500
IMPACT-RESISTANT STOREFRONT SYSTEM

1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).

2) SHUTTERS ARE NOT REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS.

3) USE ONLY APPROVED FASTENERS PER TABLE 1, SHEET 2. MATERIALS USED FOR ANCHOR EVALUATIONS WERE SOUTHERN PINE, ASTM C90 CONCRETE MASONRY UNITS (CMU) AND CONCRETE WITH MIN. KSI PER ANCHOR TYPE, SEE TABLE 1, SHEET 2. FOR GROUT-FILLED CMU, ANCHORS WERE EVALUATED WITH ONLY THE CELL RECEIVING THE ANCHOR FILLED.

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 TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.

5) ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. USE ANCHORS OF SUFFICIENT EMBEDMENT AS SPECIFIED ON TABLE 1, SHEET 2. INSTALLATION ANCHORS SHOULD BE SEALED. ALL FRAME JOINTS MUST BE SEAM-SEALED. OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.

6) SHIMS ARE REQUIRED AT EACH ANCHOR LOCATION WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE. USE SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS. WOOD BUCKS, BY OTHERS, MUST BE SUFFICIENTLY ANCHORED TO RESIST LOADS IMPOSED ON THEM BY THE WINDOW.

7) DESIGN PRESSURES:
A. NEGATIVE DESIGN LOADS BASED ON STRUCTURAL TEST PRESSURE, FRAME ANALYSIS AND GLASS PER ASTM E1300, SEE SHEETS 2, 5, 6 & 9.
B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE, STRUCTURAL TEST PRESSURE, FRAME ANALYSIS AND GLASS PER ASTM E1300, SEE SHEETS 2, 5, 6 & 9.

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 NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. THE 1.6 LOAD DURATION FACTOR WAS USED FOR THE EVALUATION OF ANCHORS INTO WOOD.

9) DISSIMILAR MATERIALS THAT COME INTO CONTACT, INCLUDING PRODUCT FRAMING, ANCHORAGE AND OPENING SUBSTRATES, SHALL BE COATED OR PROTECTED TO PREVENT CORROSIVE REACTIONS AS REQUIRED BY THE FLORIDA BUILDING CODE.

10) REFERENCES: TEST REPORTS FTL-7137 & 7208; ELCO ULTRACON NOA; ELCO CRETEFLEX NOA; ANSI/AF&PA NDS FOR WOOD CONSTRUCTION AND ADM ALUMINUM DESIGN MANUAL.

INSTRUCTIONS:

1) DETERMINE THE BUILDING'S REQUIRED DESIGN PRESSURE USING THE ASCE 7 STANDARD. THE PRODUCT'S DESIGN PRESSURE MUST MEET OR EXCEED THIS VALUE.

2) DETERMINE THE ANCHOR TYPE FROM TABLE 1, SHEET 2.

3) DETERMINE THE GLASS DESIGN PRESSURE FROM TABLE 2, SHEET 2.

4) DETERMINE THE MAXIMUM DESIGN PRESSURE DUE TO ANCHORAGE FROM TABLES 3 OR 4, SHEETS 5-6 BASED ON YOUR SHIM SPACE, ANCHOR TYPE AND THE QUANTITY OF ANCHORS REQUIRED TO ATTAIN THE REQUIRED DESIGN PRESSURE.

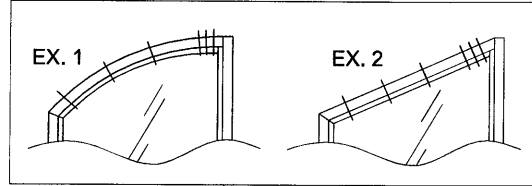
5) JAMB ANCHOR SPACING IS GIVEN IN TABLES 5 & 6, SHEET 7 AND HAVE BEEN CALCULATED FOR THE PRODUCTS MAXIMUM DP.

6) DETERMINE THE MID-PANEL ANCHOR QUANTITIES FROM TABLES 7 & 8, SHEET 8.

7) IF THE WINDOW IS ATTACHED TO ANOTHER WINDOW THROUGH A COMMON MULLION, DETERMINE THE MULLION DESIGN PRESSURE FROM TABLE 9, SHEET 9.

8) THE LOWEST DESIGN PRESSURE FROM 3, 4 & 6 ABOVE, SHALL BE USED FOR THE ENTIRE ASSEMBLY.

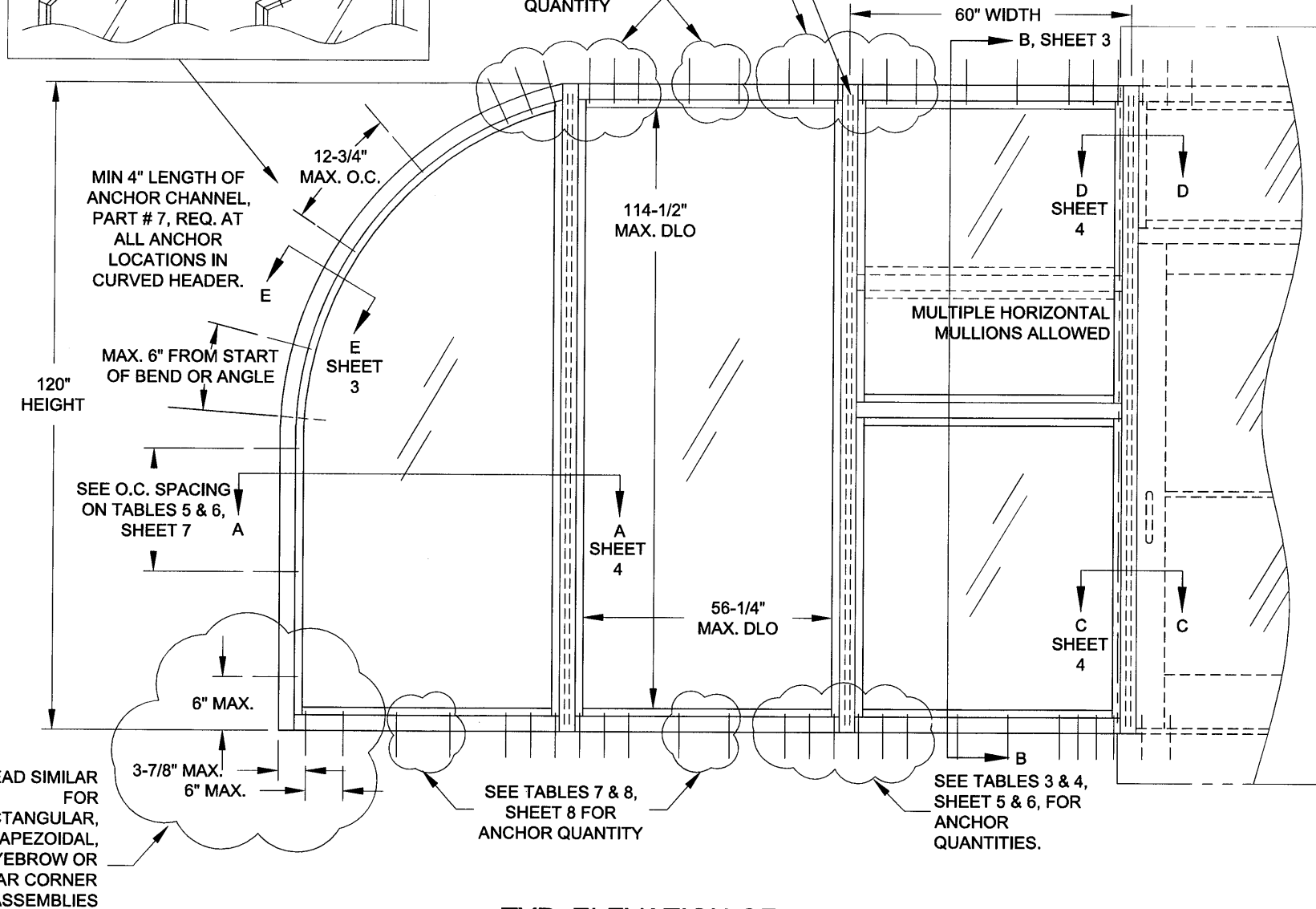
ALL SHAPES, ROUND OR ANGLED, ALLOWED.
ANCHORAGE TO BE AS HALF-ROUND SHAPE.



SEE TABLES 3 & 4, SHEET 5 & 6, FOR CLUSTER ANCHOR QUANTITIES

SEE TABLES 7 & 8, SHEET 8 FOR MID-PANEL ANCHOR QUANTITY

REINFORCEMENT, SEE TABLE 9, SHEET 9

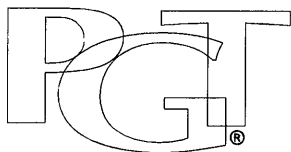
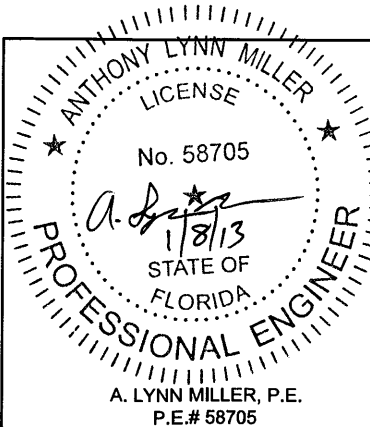


IMPACT RATING
RATED FOR LARGE & SMALL MISSILE IMPACT RESISTANCE

FOR ATTACHED DOOR/TRANSOM, SEE SEPARATE APPROVAL

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TYP. ELEVATION OF
STOREFRONT SYSTEM



1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

CERT. OF AUTH. #29296

Revised By:	Date:	Revision:
Revised By:	Date:	Revision:
Description: ELEVATION		
Title: STOREFRONT SYSTEM DETAILS - LM		
Series/Model: SS-3500	Scale: NTS	Sheet: 1 OF 10
Drawing No. MD-3500-LM		Rev: R0

Approved as complying with the
Florida Building Code
Date: 01/17/2013
NOA#: 12-1635.01
Miami Dade Product Control
By: [Signature]

Drawn By:
J ROSOWSKI

Date:
10/05/12

TABLE 2:

Window Wall Glass Capacity (psf)							
Nominal Dim.		Glass Type					
Frame Width	Frame Height	A	B	C	D	E	F
24 in	72 in	90.0	80.0	120.0	90.0	80.0	120.0
30 in		90.0	80.0	120.0	90.0	80.0	120.0
36 in		90.0	80.0	120.0	90.0	80.0	120.0
42 in		90.0	80.0	120.0	90.0	80.0	120.0
48 in		90.0	80.0	120.0	90.0	80.0	120.0
54 in		89.9	80.0	120.0	90.0	80.0	120.0
60 in		82.4	80.0	120.0	90.0	80.0	120.0
66 in	78 in			120.0			120.0
72 in				120.0			120.0
24 in		90.0	80.0	120.0	90.0	80.0	120.0
30 in		90.0	80.0	120.0	90.0	80.0	120.0
36 in		90.0	80.0	120.0	90.0	80.0	120.0
42 in		90.0	80.0	120.0	90.0	80.0	120.0
48 in		90.0	80.0	120.0	90.0	80.0	120.0
54 in		82.3	80.0	120.0	90.0	80.0	120.0
60 in		77.4	80.0	120.0	85.1	80.0	120.0
66 in	84 in			120.0			120.0
72 in				120.0			120.0
24 in		90.0	80.0	120.0	90.0	80.0	120.0
30 in		90.0	80.0	120.0	90.0	80.0	120.0
36 in		90.0	80.0	120.0	90.0	80.0	120.0
42 in		90.0	80.0	120.0	90.0	80.0	120.0
48 in		85.1	80.0	120.0	90.0	80.0	120.0
54 in		78.1	80.0	120.0	85.9	80.0	120.0
60 in	90 in			120.0			120.0
66 in				120.0			120.0
72 in				100.0			100.0
24 in		90.0	80.0	120.0	90.0	80.0	120.0
30 in		90.0	80.0	120.0	90.0	80.0	120.0
36 in		90.0	80.0	120.0	90.0	80.0	120.0
42 in		90.0	80.0	120.0	90.0	80.0	120.0
48 in	97.75 in	80.6	80.0	120.0	88.6	80.0	120.0
54 in				120.0			120.0
60 in				120.0			120.0
66 in				100.0			100.0
72 in				100.0			100.0
24 in		90.0	80.0	120.0	90.0	80.0	120.0
30 in		90.0	80.0	120.0	90.0	80.0	120.0
36 in	102 in	90.0	80.0	120.0	90.0	80.0	120.0
42 in		83.1	80.0	120.0	90.0	80.0	120.0
48 in				120.0			120.0
54 in				120.0			120.0
60 in				100.0			100.0
66 in				100.0			100.0

Window Wall Glass Capacity (psf)							
Nominal Dim.		Glass Type					
Frame Width	Frame Height	A	B	C	D	E	F
24 in	108 in	90.0	80.0	120.0	90.0	80.0	120.0
30 in		90.0	80.0	120.0	90.0	80.0	120.0
36 in		90.0	80.0	120.0	90.0	80.0	120.0
42 in		80.0	80.0	120.0	88.0	80.0	120.0
48 in				120.0			120.0
54 in				100.0			100.0
60 in				100.0			100.0
66 in	114 in			100.0			100.0
24 in		90.0	80.0	120.0	90.0	80.0	120.0
30 in		90.0	80.0	120.0	90.0	80.0	120.0
36 in		90.0	80.0	120.0	90.0	80.0	120.0
42 in				120.0			120.0
48 in				120.0			120.0
54 in				100.0			100.0
60 in				100.0			100.0
24 in	120 in	90.0	80.0	120.0	90.0	80.0	120.0
30 in		90.0	80.0	120.0	90.0	80.0	120.0
36 in		90.0	80.0	120.0	90.0	80.0	120.0
42 in				120.0			120.0
48 in				120.0			120.0
54 in				100.0			100.0
60 in				99.8			100.0
24 in	126 in	90.0	80.0	120.0	90.0	80.0	120.0
30 in		90.0	80.0	120.0	90.0	80.0	120.0
36 in		90.0	80.0	120.0	90.0	80.0	120.0
42 in				120.0			120.0
48 in				100.0			100.0
54 in				100.0			100.0
60 in				100.0			100.0
24 in	132 in	90.0	80.0	120.0	90.0	80.0	120.0
30 in		90.0	80.0	120.0	90.0	80.0	120.0
36 in				120.0			120.0
42 in				120.0			120.0
48 in				100.0			100.0
54 in				100.0			100.0
60 in				100.0			100.0
24 in	138 in	90.0	80.0	120.0	90.0	80.0	120.0
30 in		90.0	80.0	120.0	90.0	80.0	120.0
36 in				120.0			120.0
42 in				100.0			100.0
48 in				100.0			100.0
54 in				100.0			100.0
60 in				100.0			100.0
24 in	144 in	90.0	80.0	120.0	90.0	80.0	120.0
30 in		90.0	80.0	120.0	90.0	80.0	120.0
36 in				120.0			120.0
42 in				100.0			100.0
48 in				100.0			100.0

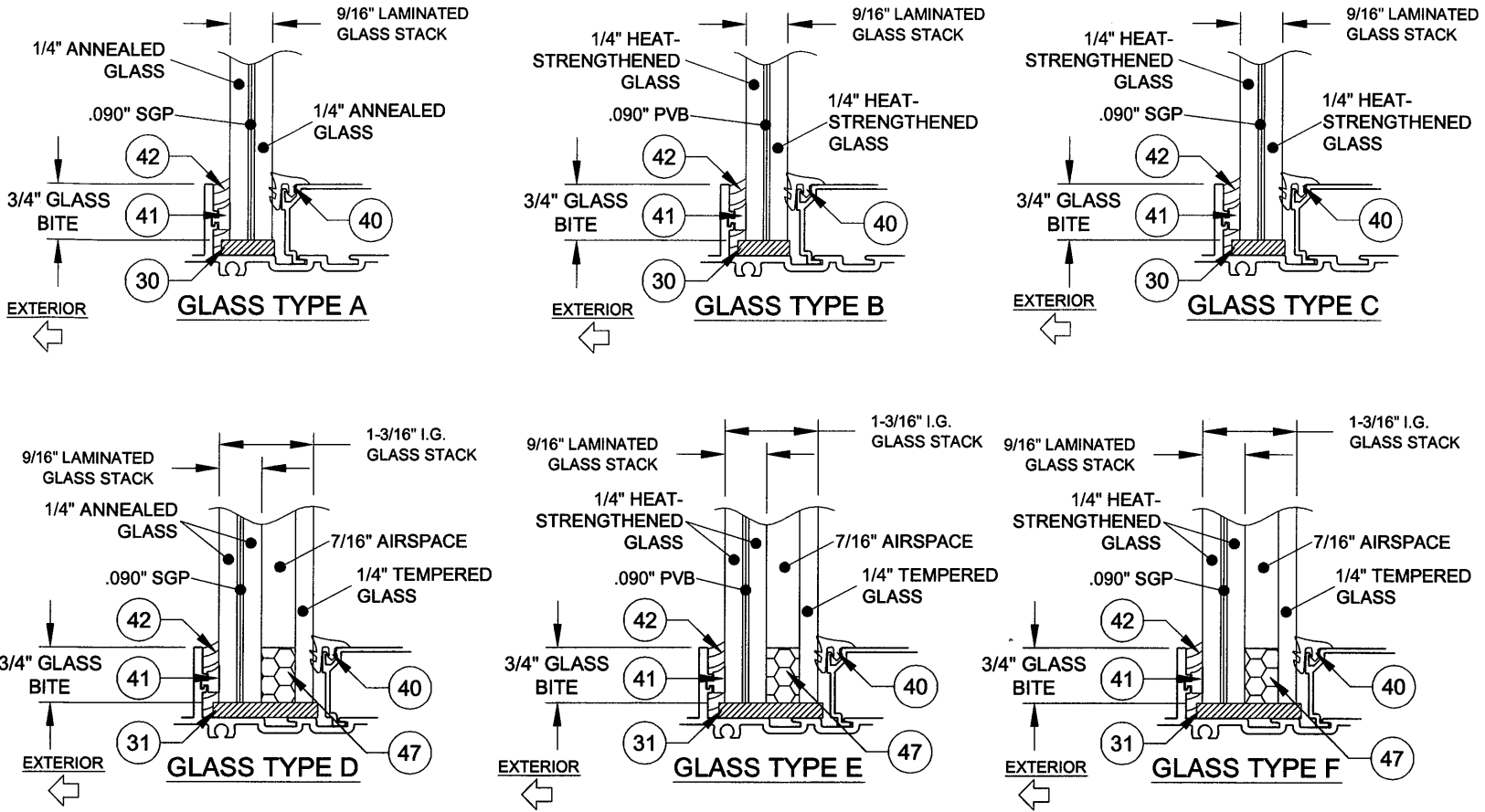


TABLE 1:

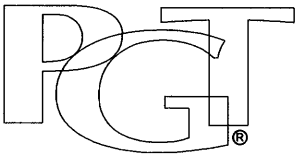
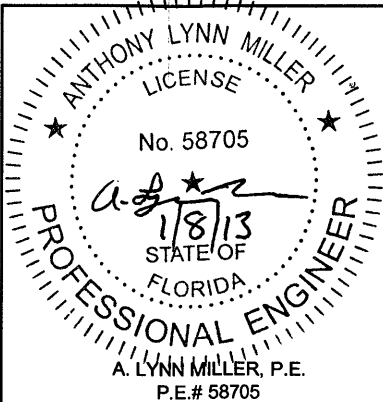
Anchor Type	Description	Substrate	Min. Edge Distance	Min. Embedment	Min. O. C. Distance
A	#14 steel or 410 SS SMS (G5)	S. Pine	1"	1-3/8"	1"
B	#14 steel or 410 SS SMS (G5)	1/8" 6063-T5 Aluminum	3/8"	1/8"	5/8"
C	1/4" steel Ultracon	2.85 ksi Concrete	2-1/2"	1-3/8"	3"
		Grout-Filled CMU*	2-1/2"	1-3/4"	4"
		Hollow Block*	2-1/2"	1-1/4"	6"
		Hollow Block*	2-1/2"	1-1/4"	6"
D	1/4" 410 SS CreteFlex	3.35 ksi Concrete	2-1/2"	1-3/4"	3"
		3.52 ksi Concrete	3-1/8"	2"	3"
		Grout-Filled CMU*	2-1/2"	2-1/4"	5"
E	3/8" Large Diameter ITW Tapcon	3 ksi Concrete	3"	1-1/2"	4"
		Hollow Block*	3"	1-1/2"	6"

NOTES:

- 1) ANCHOR MUST EXTEND A MINIMUM OF 3 THREADS BEYOND ANY METAL SUBSTRATE.
- 2) ANCHORS INTO GROUT-FILLED CMU OR HOLLOW BLOCK ARE ONLY APPLICABLE FOR THE JAMBS.
- 3) ALL ANCHOR HEAD TYPES ARE ALLOWED.

* SEE SHEET 1, GENERAL NOTE 3.

IF COMBINED WITH STOREFRONT ENTRANCE DOOR (SEE SEPARATE APPROVAL), THE LESSER DESIGN PRESSURE VALUE OF THE DOOR OR STOREFRONT SYSTEM SHALL BE THE DESIGN PRESSURE FOR THE ENTIRE SYSTEM.

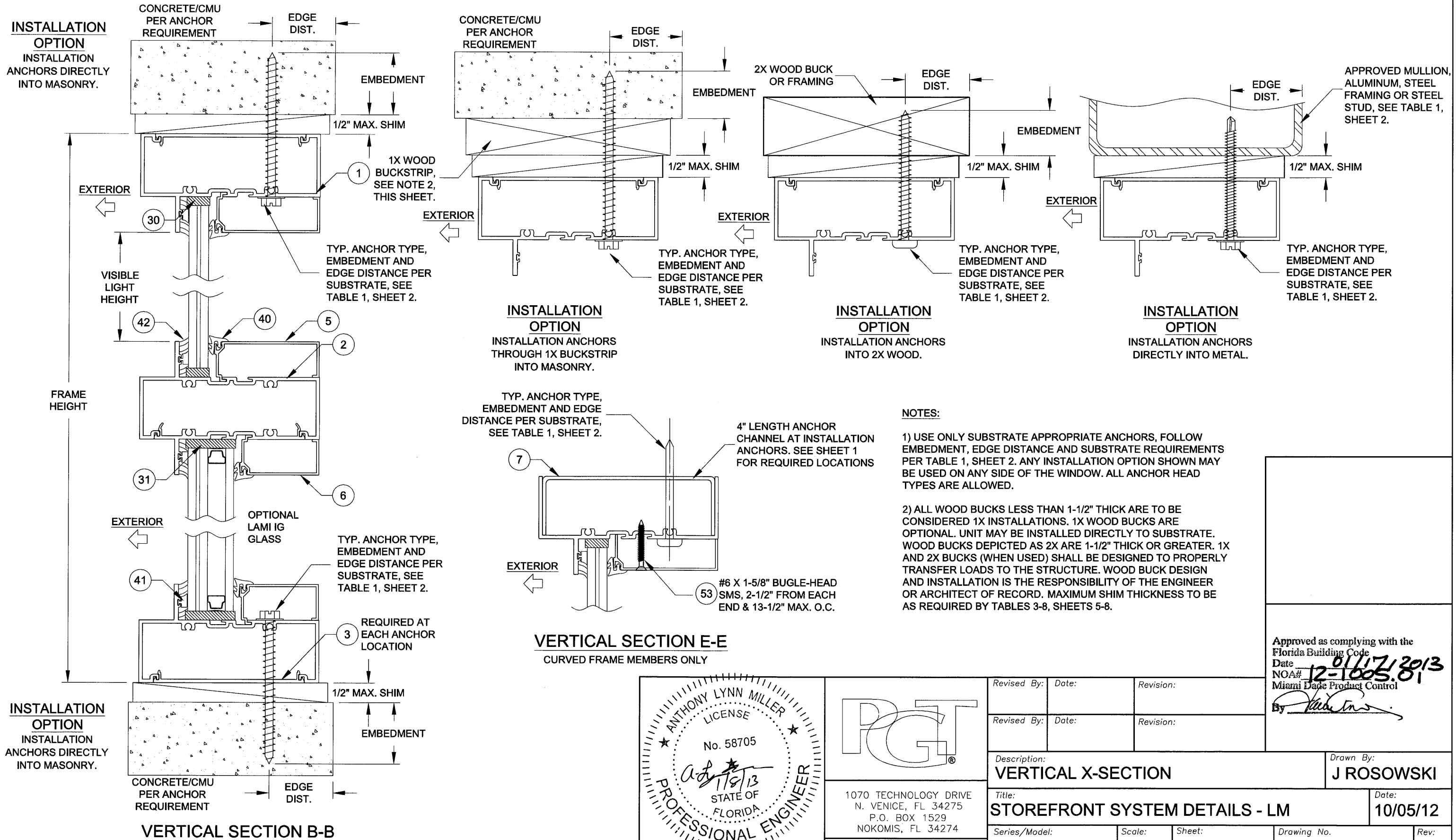


1070 TECHNOLOGY DRIVE
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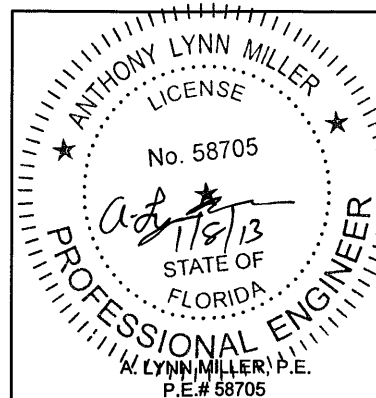
CERT. OF AUTH. #29296

Revised By:	Date:	Revision:		
Revised By:	Date:	Revision:		
Description: GLAZING DETAILS			Drawn By: J ROSOWSKI	
Title: STOREFRONT SYSTEM DETAILS - LM			Date: 10/05/12	
Series/Model: SS-3500	Scale: NTS	Sheet: 2 OF 10	Drawing No. MD-3500-LM	Rev: R0

Approved as complying with the
Florida Building Code
Date **01/17/2013**
NOA# **12-1065-01**
Miami Code Product Control
By *[Signature]*



Approved as complying with the
Florida Building Code
Date: 01/17/2013
NOA# 12-1663-81
Miami Dade Product Control
By: [Signature]



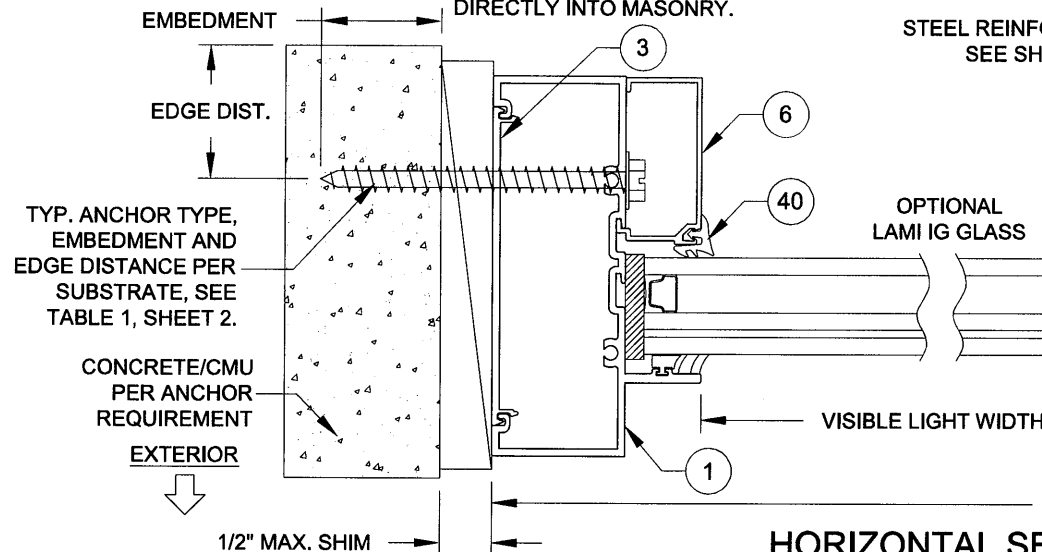
PGT
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274
CERT. OF AUTH. #29296

Revised By:	Date:	Revision:
Revised By:	Date:	Revision:
Description: VERTICAL X-SECTION		
Title: STOREFRONT SYSTEM DETAILS - LM		
Series/Model: SS-3500	Scale: NTS	Sheet: 3 OF 10
Drawing No. MD-3500-LM		Rev: R0
Date: 10/05/12		

Drawn By:
J ROSOWSKI

INSTALLATION OPTION

INSTALLATION ANCHORS
DIRECTLY INTO MASONRY.

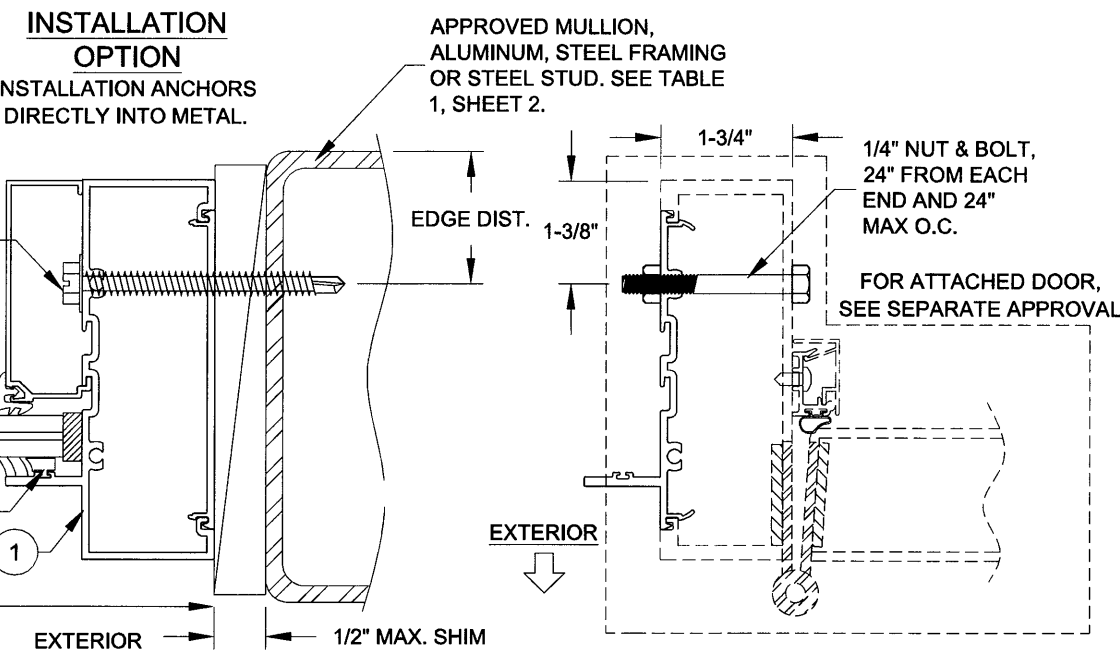


HORIZONTAL SECTION A-A

INSTALLATION OPTION

INSTALLATION ANCHORS
DIRECTLY INTO METAL.

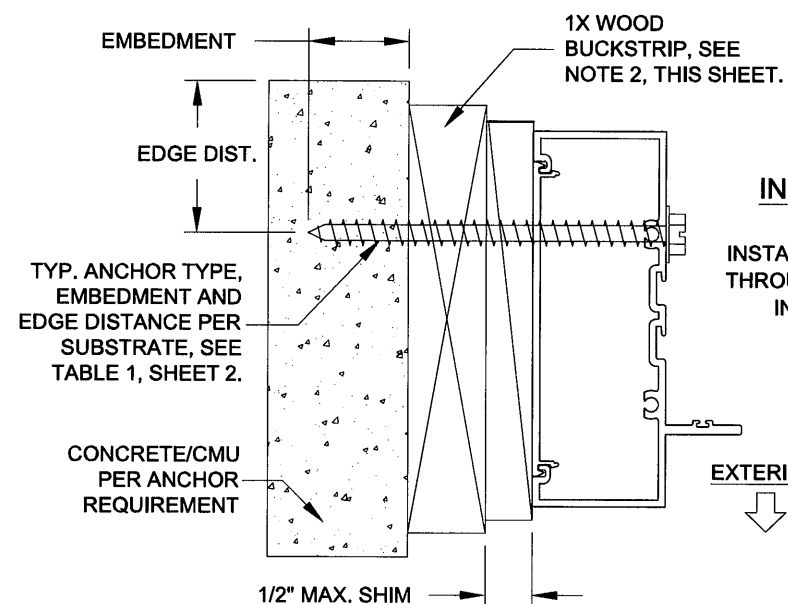
TYP. ANCHOR TYPE,
EMBEDMENT AND
EDGE DISTANCE PER
SUBSTRATE, SEE
TABLE 1, SHEET 2.



HORIZONTAL SECTION C-C

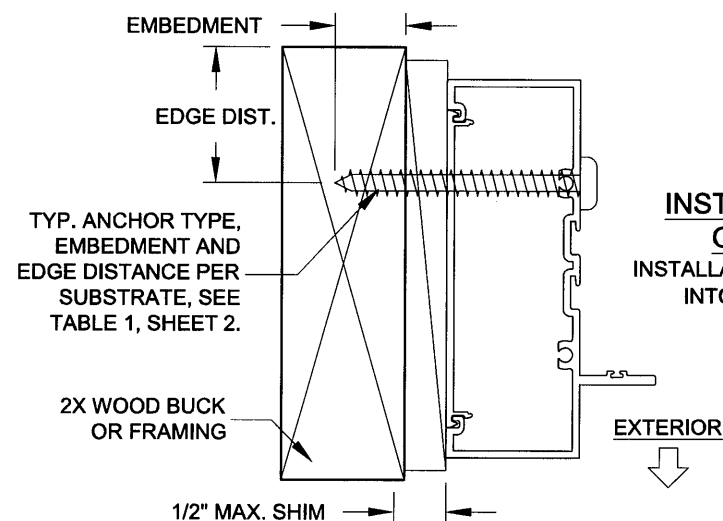
INSTALLATION OPTION

INSTALLATION ANCHORS
THROUGH 1X BUCKSTRIP
INTO MASONRY.

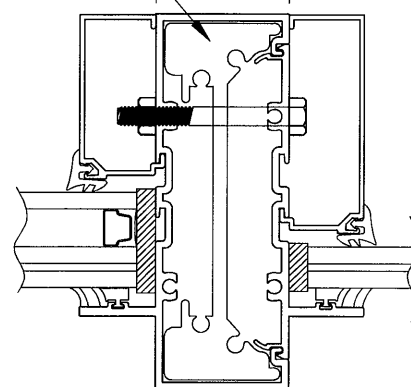


INSTALLATION OPTION

INSTALLATION ANCHORS
INTO 2X WOOD.



ALUMINUM
REINFORCEMENT,
SEE SHEETS 9 & 10

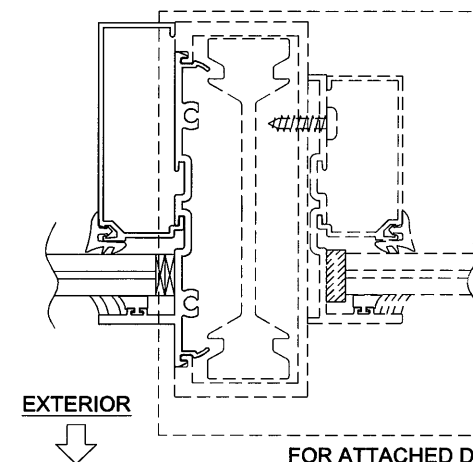


**ALTERNATE
REINFORCEMENT**
VARIES WITH DESIGN
PRESSURE REQUIRED, SEE
TABLE 9, SHEET 9.

NOTES:

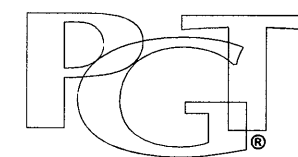
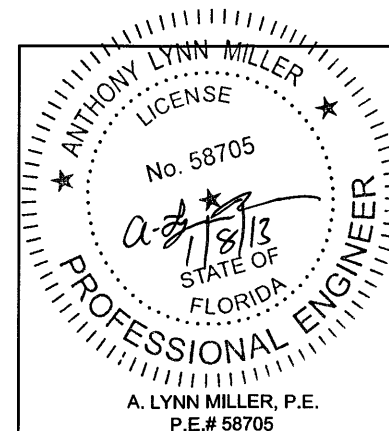
1) USE ONLY SUBSTRATE APPROPRIATE ANCHORS, FOLLOW EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS PER TABLE 1, SHEET 2. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY SIDE OF THE WINDOW. ALL ANCHOR HEAD TYPES ARE ALLOWED.

2) ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1X INSTALLATIONS. 1X WOOD BUCKS ARE OPTIONAL. UNIT MAY BE 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 TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD. MAXIMUM SHIM THICKNESS TO BE AS REQUIRED BY TABLES 3-8, SHEETS 5-8.



HORIZONTAL SECTION D-D

VISIBLE LIGHT FORMULAS
FRAME WIDTH - 5-1/2"
FRAME HEIGHT - 5-1/2"



1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

CERT. OF AUTH. #29296

Revised By:	Date:	Revision:
Revised By:	Date:	Revision:
Description: HORIZONTAL X-SECTION		
Title: STOREFRONT SYSTEM DETAILS - LM		
Series/Model: SS-3500	Scale: NTS	Sheet: 4 OF 10
Drawing No. MD-3500-LM	Rev: R0	Date: 10/05/12

Approved as complying with the
Florida Building Code
Date **01/17/2013**
NOA# **12-1065-013**
Miami Dade Product Control
By *[Signature]*

Drawn By:
J ROSOWSKI

TABLE 3:

Window Wall Mullion Head/Sill Anchor Cluster Load Capacity (psf)																
(1/4" Maximum Shim Space)																
Nominal Dim.		Anchor Type "A"			Anchor Type "B"			Anchor Type "C"			Anchor Type "D"			Anchor Type "E"		
Frame Width	Frame Height	A2	A3	A4	B2	B3	B4	C2	C3	C4	D2	D3	D4	E2	E3	E4
24 in	72 in	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
30 in		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
36 in		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42 in		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48 in		118.4	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
54 in		112.2	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
60 in		108.2	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
66 in		105.9	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
72 in		105.2	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
24 in	78 in	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
30 in		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
36 in		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42 in		113.9	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48 in		105.2	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
54 in		99.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
60 in		94.7	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
66 in		91.8	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
72 in		90.2	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
24 in	84 in	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
30 in		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
36 in		114.8	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42 in		103.1	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48 in		94.7	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
54 in		88.6	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
60 in		84.2	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
66 in		81.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
72 in		78.9	118.4	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
24 in	90 in	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
30 in		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
36 in		105.2	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42 in		94.1	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48 in		86.1	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
54 in		80.2	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
60 in		75.7	113.6	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
66 in		72.5	108.7	120.0	120.0	120.0	120.0	119.4	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
72 in		70.1	105.2	120.0	120.0	120.0	120.0	115.6	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
24 in	97.75 in	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
30 in		109.8	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
36 in		95.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42 in		84.6	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48 in		77.0	115.5	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
54 in		71.4	107.1	120.0	120.0	120.0	120.0	117.6	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
60 in		67.1	100.6	120.0	115.9	120.0	120.0	110.5	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
66 in		63.8	95.7	120.0	110.2	120.0	120.0	105.1	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
72 in		61.3	92.0	120.0	105.9	120.0	120.0	101.1	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
24 in	102 in	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
30 in		104.5	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
36 in		90.2	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42 in		80.2	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48 in		72.8	109.2	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
54 in		67.3	101.0	120.0	116.3	120.0	120.0	110.9	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
60 in		63.1	94.7	120.0	109.0	120.0	120.0	104.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
66 in		59.9	89.8	119.8	103.4	120.0	120.0	98.7	120.0	120.0	118.1	120.0	120.0	120.0	120.0	120.0

IF COMBINED WITH STOREFRONT ENTRANCE DOOR (SEE SEPARATE APPROVAL), THE LESSER DESIGN PRESSURE VALUE OF THE DOOR OR STOREFRONT SYSTEM SHALL BE THE DESIGN PRESSURE FOR THE ENTIRE SYSTEM.

Window Wall Mullion Head/Sill Anchor Cluster Load Capacity (psf)																	
(1/4" Maximum Shim Space)																	
Nominal Dim.		Anchor Type "A"			Anchor Type "B"			Anchor Type "C"			Anchor Type "D"			Anchor Type "E"			
Frame Width	Frame Height	A2	A3	A4	B2	B3	B4	C2	C3	C4	D2	D3	D4	E2	E3	E4	
24 in	108 in	118.4	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
30 in		97.7	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
36 in		84.2	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
42 in		74.6	111.9	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
48 in		67.6	101.4	120.0	116.8	120.0	120.0	111.4	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
54 in		62.3	93.5	120.0	107.7	120.0	120.0	102.7	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
60 in		58.3	87.4	116.5	100.7	120.0	120.0	96.0	120.0	120.0	120.0	115.0	120.0	120.0	120.0	120.0	
66 in		55.1	82.6	110.2	95.2	120.0	120.0	90.8	120.0	120.0	120.0	108.7	120.0	120.0	114.7	120.0	
24 in	114 in	111.4	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
30 in		91.8	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
36 in		78.9	118.4	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
42 in		69.8	104.7	120.0	120.0	120.0	120.0	115.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
48 in		63.1	94.7	120.0	109.0	120.0	120.0	104.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
54 in		58.0	87.1	116.1	100.3	120.0	120.0	95.6	120.0	120.0	114.5	120.0	120.0	120.0	120.0	120.0	
60 in		54.1	81.2	108.2	93.5	120.0	120.0	89.1	120.0	120.0	106.7	120.0	120.0	112.7	120.0	120.0	
24 in		120 in	105.2	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
30 in	86.6		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
36 in	74.3		111.4	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
42 in	65.6		98.4	120.0	113.3	120.0	120.0	108.1	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
48 in	59.2		88.8	118.4	102.2	120.0	120.0	97.5	120.0	120.0	116.8	120.0	120.0	120.0	120.0	120.0	
54 in	54.3		81.4	108.6	93.8	120.0	120.0	89.5	120.0	120.0	107.1	120.0	120.0	113.1	120.0	120.0	
60 in	50.5		75.7	101.0	87.2	120.0	120.0	83.2	120.0	120.0	99.6	120.0	120.0	105.2	120.0	120.0	
24 in	126 in		99.7	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
30 in		81.9	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
36 in		70.1	105.2	120.0	120.0	120.0	120.0	115.6	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
42 in		61.8	92.7	120.0	106.8	120.0	120.0	101.9	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
48 in		55.7	83.5	111.4	96.2	120.0	120.0	91.8	120.0	120.0	109.9	120.0	120.0	116.0	120.0	120.0	
54 in		51.0	76.5	102.0	88.1	120.0	120.0	84.0	120.0	120.0	100.6	120.0	120.0	106.2	120.0	120.0	
24 in		132 in	94.7	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
30 in			77.7	116.5	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
36 in	66.4		99.7	120.0	114.8	120.0	120.0	109.5	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
42 in	58.5		87.7	117.0	101.0	120.0	120.0	96.4	120.0	120.0	115.4	120.0	120.0	120.0	120.0	120.0	
48 in	52.6		78.9	105.2	90.9	120.0	120.0	86.7	120.0	120.0	103.8	120.0	120.0	109.6	120.0	120.0	
54 in	48.1		72.1	96.2	83.1	120.0	120.0	79.2	118.9	120.0	94.9	120.0	120.0	100.2	120.0	120.0	
24 in	138 in		90.2	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
30 in			73.9	110.8	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
36 in		63.1	94.7	120.0	109.0	120.0	120.0	104.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
42 in		55.5	83.2	111.0	95.9	120.0	120.0	91.4	120.0	120.0	109.5	120.0	120.0	115.6	120.0	120.0	
48 in		49.8	74.7	99.7	86.1	120.0	120.0	82.1	120.0	120.0	98.3	120.0	120.0	103.8	120.0	120.0	
24 in		144 in	86.1	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
30 in			70.5	105.7	120.0	120.0	120.0	120.0	116.1	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
36 in			60.1	90.2	120.0	103.8	120.0	120.0	99.0	120.0	120.0	118.6	120.0	120.0	120.0	120.0	120.0
42 in	52.8		79.2	105.6	91.2	120.0	120.0	87.0	120.0	120.0	104.1	120.0	120.0	109.9	120.0	120.0	
48 in	47.3		71.0	94.7	81.8	120.0	120.0	78.0	117.0	120.0	93.4	120.0	120.0	98.6	120.0	120.0	

TABLE 4:

Window Wall Mullion Head/Sill Anchor Cluster Load Capacity (psf)																
(1/2" Maximum Shim Space)																
Nominal Dim.		Anchor Type "A"			Anchor Type "B"			Anchor Type "C"			Anchor Type "D"			Anchor Type "E"		
Frame Width	Frame Height	A2	A3	A4	B2	B3	B4	C2	C3	C4	D2	D3	D4	E2	E3	E4
24 in	72 in	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
30 in		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
36 in		112.9	120.0	120.0	112.9	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42 in		102.5	120.0	120.0	102.5	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48 in		95.3	120.0	120.0	95.3	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
54 in		90.4	120.0	120.0	90.4	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
60 in		87.1	120.0	120.0	87.1	120.0	120.0	119.2	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
66 in		85.3	120.0	120.0	85.3	120.0	120.0	116.7	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
72 in		84.7	120.0	120.0	84.7	120.0	120.0	115.9	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
24 in	78 in	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
30 in		116.2	120.0	120.0	116.2	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
36 in		101.7	120.0	120.0	101.7	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42 in		91.7	120.0	120.0	91.7	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48 in		84.7	120.0	120.0	84.7	120.0	120.0	115.9	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
54 in		79.7	119.6	120.0	79.7	119.6	120.0	109.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
60 in		76.2	114.4	120.0	76.2	114.4	120.0	104.3	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
66 in		73.9	110.9	120.0	73.9	110.9	120.0	101.1	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
72 in		72.6	108.9	120.0	72.6	108.9	120.0	99.3	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
24 in	84 in	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
30 in		106.1	120.0	120.0	106.1	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
36 in		92.4	120.0	120.0	92.4	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42 in		83.0	120.0	120.0	83.0	120.0	120.0	113.5	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48 in		76.2	114.4	120.0	76.2	114.4	120.0	104.3	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
54 in		71.3	107.0	120.0	71.3	107.0	120.0	97.6	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
60 in		67.8	101.7	120.0	67.8	101.7	120.0	92.7	120.0	120.0	118.1	120.0	120.0	120.0	120.0	120.0
66 in		65.2	97.8	120.0	65.2	97.8	120.0	89.2	120.0	120.0	113.7	120.0	120.0	120.0	120.0	120.0
72 in		63.5	95.3	120.0	63.5	95.3	120.0	86.9	120.0	120.0	110.7	120.0	120.0	120.0	120.0	120.0
24 in	90 in	117.3	120.0	120.0	117.3	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
30 in		97.6	120.0	120.0	97.6	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
36 in		84.7	120.0	120.0	84.7	120.0	120.0	115.9	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42 in		75.8	113.6	120.0	75.8	113.6	120.0	103.6	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48 in		69.3	104.0	120.0	69.3	104.0	120.0	94.8	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
54 in		64.5	96.8	120.0	64.5	96.8	120.0	88.3	120.0	120.0	112.5	120.0	120.0	120.0	120.0	120.0
60 in		61.0	91.5	120.0	61.0	91.5	120.0	83.4	120.0	120.0	106.3	120.0	120.0	120.0	120.0	120.0
66 in		58.4	87.5	116.7	58.4	87.5	116.7	79.8	119.7	120.0	101.7	120.0	120.0	120.0	120.0	120.0
72 in		56.5	84.7	112.9	56.5	84.7	112.9	77.2	115.9	120.0	98.4	120.0	120.0	120.0	120.0	120.0
24 in	97.75 in	106.7	120.0	120.0	106.7	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
30 in		88.4	120.0	120.0	88.4	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
36 in		76.5	114.7	120.0	76.5	114.7	120.0	104.6	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42 in		68.1	102.2	120.0	68.1	102.2	120.0	93.2	120.0	120.0	118.7	120.0	120.0	120.0	120.0	120.0
48 in		62.0	93.0	120.0	62.0	93.0	120.0	84.8	120.0	120.0	108.1	120.0	120.0	120.0	120.0	120.0
54 in		57.5	86.2	114.9	57.5	86.2	114.9	78.6	117.9	120.0	100.2	120.0	120.0	120.0	120.0	120.0
60 in		54.0	81.0	108.0	54.0	81.0	108.0	73.9	110.8	120.0	94.1	120.0	120.0	120.0	120.0	120.0
66 in		51.4	77.1	102.8	51.4	77.1	102.8	70.3	105.4	120.0	89.6	120.0	120.0	120.0	120.0	120.0
72 in		49.4	74.1	98.8	49.4	74.1	98.8	67.5	101.3	120.0	86.1	120.0	120.0	120.0	120.0	120.0
24 in	102 in	101.7	120.0	120.0	101.7	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
30 in		84.1	120.0	120.0	84.1	120.0	120.0	115.1	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
36 in		72.6	108.9	120.0	72.6	108.9	120.0	99.3	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42 in		64.5	96.8	120.0	64.5	96.8	120.0	88.3	120.0	120.0	112.5	120.0	120.0	120.0	120.0	120.0
48 in		58.6	88.0	117.3	58.6	88.0	117.3	80.2	120.0	120.0	102.2	120.0	120.0	120.0	120.0	120.0
54 in		54.2	81.3	108.4	54.2	81.3	108.4	74.1	111.2	120.0	94.5	120.0	120.0	120.0	120.0	120.0
60 in		50.8	76.2	101.7	50.8	76.2	101.7	69.5	104.3	120.0	88.6	120.0	120.0	120.0	120.0	120.0
66 in		48.2	72.3	96.4	48.2	72.3	96.4	65.9	98.9	120.0	84.0	120.0	120.0	120.0	120.0	120.0

TABLE 5:

Window Wall Max. O.C. Jamb Anchor Spacing (in) (1/4" Maximum Shim Space)						
Frame Width	Frame Height	Anchor Type "A"	Anchor Type "B"	Anchor Type "C"	Anchor Type "D"	Anchor Type "E"
24 in	72 in	18	18	18	18	18
30 in		18	18	18	18	18
36 in		18	18	18	18	18
42 in		18	18	18	18	18
48 in		15	18	18	18	18
54 in		15	18	15	18	18
60 in		15	18	15	18	18
66 in		15	18	15	18	18
72 in		15	18	15	18	18
24 in	78 in	18	18	18	18	18
30 in		18	18	18	18	18
36 in		18	18	18	18	18
42 in		16 1/2	18	18	18	18
48 in		16 1/2	18	16 1/2	18	18
54 in		16 1/2	18	16 1/2	18	18
60 in		13 3/16	18	16 1/2	18	18
66 in		13 3/16	18	16 1/2	18	18
72 in		13 3/16	18	13 3/16	18	18
24 in	84 in	18	18	18	18	18
30 in		18	18	18	18	18
36 in		18	18	18	18	18
42 in		18	18	18	18	18
48 in		14 3/8	18	18	18	18
54 in		14 3/8	18	14 3/8	18	18
60 in		14 3/8	18	14 3/8	18	18
66 in		14 3/8	18	14 3/8	18	18
72 in		12	18	14 3/8	18	18
24 in	90 in	18	18	18	18	18
30 in		18	18	18	18	18
36 in		18	18	18	18	18
42 in		15 5/8	18	18	18	18
48 in		15 5/8	18	15 5/8	18	18
54 in		15 5/8	18	15 5/8	18	18
60 in		13	18	15 5/8	18	18
66 in		13	18	13	18	18
72 in		13	18	13	18	18
24 in	97.5 in	18	18	18	18	18
30 in		18	18	18	18	18
36 in		17 1/8	18	18	18	18
42 in		17 1/8	18	17 1/8	18	18
48 in		14 1/4	18	17 1/8	18	18
54 in		14 1/4	18	14 1/4	18	18
60 in		12 3/16	18	14 1/4	18	18
66 in		12 3/16	18	12 3/16	18	18
72 in		12 3/16	18	12 3/16	18	18

Window Wall Max. Jamb O.C. Anchor Spacing (in) (1/4" Maximum Shim Space)						
Frame Width	Frame Height	Anchor Type "A"	Anchor Type "B"	Anchor Type "C"	Anchor Type "D"	Anchor Type "E"
24 in	102 in	18	18	18	18	18
30 in		18	18	18	18	18
36 in		18	18	18	18	18
42 in		18	18	18	18	18
48 in		15	18	15	18	18
54 in		12 7/8	18	15	18	18
60 in		12 7/8	18	12 7/8	18	18
66 in		11 1/4	18	12 7/8	18	18
24 in	108 in	18	18	18	18	18
30 in		18	18	18	18	18
36 in		18	18	18	18	18
42 in		16	18	16	18	18
48 in		13 11/16	18	16	18	18
54 in		13 11/16	18	13 11/16	18	18
60 in		12	18	13 11/16	18	18
66 in		12	18	12	18	18
24 in	114 in	18	18	18	18	18
30 in		18	18	18	18	18
36 in		17	18	18	18	18
42 in		17	18	17	18	18
48 in		14 9/16	18	14 9/16	18	18
54 in		12 3/4	18	14 9/16	18	18
60 in		12 3/4	18	12 3/4	18	18
66 in		12 3/4	18	12 3/4	18	18
24 in	120 in	18	18	18	18	18
30 in		18	18	18	18	18
36 in		18	18	18	18	18
42 in		15 7/16	18	18	18	18
48 in		13 1/2	18	15 7/16	18	18
54 in		13 1/2	18	13 1/2	18	18
60 in		12	18	13 1/2	18	18
66 in		12	18	12	18	18
24 in	126 in	18	18	18	18	18
30 in		18	18	18	18	18
36 in		18	18	18	18	18
42 in		16 5/16	18	16 5/16	18	18
48 in		14 1/4	18	14 1/4	18	18
54 in		12 11/16	18	14 1/4	18	18
60 in		12 11/16	18	12 11/16	18	18
66 in		12 11/16	18	12 11/16	18	18
24 in	132 in	18	18	18	18	18
30 in		18	18	18	18	18
36 in		17 1/8	18	18	18	18
42 in		15	18	17 1/8	18	18
48 in		13 5/16	18	15	18	18
54 in		13 5/16	18	13 5/16	18	18
60 in		13 5/16	18	13 5/16	18	18
66 in		13 5/16	18	13 5/16	18	18
24 in	138 in	18	18	18	18	18
30 in		18	18	18	18	18
36 in		18	18	18	18	18
42 in		15 3/4	18	15 3/4	18	18
48 in		14	18	14	18	18
54 in		14	18	14	18	18
60 in		14	18	14	18	18
66 in		14	18	14	18	18
24 in	144 in	18	18	18	18	18
30 in		18	18	18	18	18
36 in		18	18	18	18	18
42 in		14 11/16	18	16 1/2	18	18
48 in		13 3/16	18	14 11/16	18	18
54 in		13 3/16	18	13 3/16	18	18
60 in		13 3/16	18	13 3/16	18	18
66 in		13 3/16	18	13 3/16	18	18

TABLE 6:

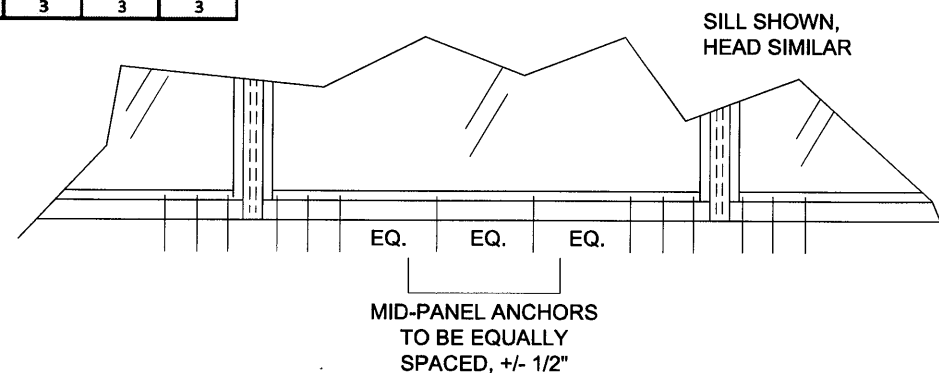
Window Wall Max. Jamb O.C. Anchor Spacing (in) (1/2" Maximum Shim Space)						
Frame Width	Frame Height	Anchor Type "A"	Anchor Type "B"	Anchor Type "C"	Anchor Type "D"	Anchor Type "E"
24 in	72 in	18	18	18	18	18
30 in		18	18	18	18	18
36 in		15	15	18	18	18
42 in		15	15	18	18	18
48 in		12	12	18	18	18
54 in		12	12	15	18	18
60 in		12	12	15	18	18
66 in		12	12	15	18	18
72 in		12	12	15	18	18
24 in	78 in	18	18	18	18	18
30 in		16 1/2	16 1/2	18	18	18
36 in		16 1/2	16 1/2	18	18	18
42 in		13 3/16	13 3/16	18	18	18
48 in		13 3/16	13 3/16	16 1/2	18	18
54 in		11	11	16 1/2	18	18
60 in		11	11	16 1/2	18	18
66 in		11	11	16 1/2	18	18
72 in		11	11	13 3/16	18	18
24 in	84 in	18	18	18	18	18
30 in		18	18	18	18	18
36 in		14 3/8	14 3/8	18	18	18
42 in		14 3/8	14 3/8	18	18	18
48 in		12	12	18	18	18
54 in		12	12	14 3/8	18	18
60 in		10 5/16	10 5/16	14 3/8	18	18
66 in		10 5/16	10 5/16	14 3/8	18	18
72 in		10 5/16	10 5/16	14 3/8	18	18
24 in	90 in	18	18	18	18	18
30 in		18	18	18	18	18
36 in		15 5/8	15 5/8	18	18	18
42 in		13	13	18	18	18
48 in		13	13	15 5/8	18	18
54 in		11 1/8	11 1/8	15 5/8	18	18
60 in		11 1/8	11 1/8	15 5/8	18	18
66 in		9 3/4	9 3/4	13	18	18
72 in		9 3/4	9 3/4	13	18	18
24 in	97.75 in	18	18	18	18	18
30 in		17 1/8	17 1/8	18	18	18
36 in		14 5/16	14 5/16	18	18	18
42 in		12 1/4	12 1/4	17 1/8	18	18
48 in		12 1/4	12 1/4	17 1/8	18	18
54 in		10 3/4	10 3/4	14 5/16	18	18
60 in		10 3/4	10 3/4	14 5/16	17 1/8	18
66 in		9 1/2	9 1/2	12 1/4	17 1/8	18
72 in		9 1/2	9 1/2	12 1/4	17 1/8	18
24 in	102 in	18	18	18	18	18
30 in		18	18	18	18	18
36 in		15	15	18	18	18
42 in		12 7/8	12 7/8	18	18	18
48 in		11 1/4	11 1/4	15	18	18
54 in		11 1/4	11 1/4	15	18	18
60 in		10	10	12 7/8	18	18
66 in		10	10	12 7/8	18	18

Window Wall Max. Jamb O.C. Anchor Spacing (in) (1/2" Maximum Shim Space)						
Frame Width	Frame Height	Anchor Type "A"	Anchor Type "B"	Anchor Type "C"	Anchor Type "D"	Anchor Type "E"
24 in	108 in	18	18	18	18	18
30 in		16	16	18	18	18
36 in		13 11/16	13 11/16	18	18	18
42 in		13 11/16	13 11/16	16	18	18
48 in		12	12	16	18	18
54 in		10 11/16	10 11/16	13 11/16	18	18
60 in		9 5/8	9 5/8	13 11/16	18	18
66 in		9 5/8	9 5/8	12	16	18
24 in	114 in	18	18	18	18	18
30 in		17	17	18	18	18
36 in		14 9/16	14 9/16	18	18	18
42 in		12 3/4	12 3/4	17	18	18
48 in		11 5/16	11 5/16	14 9/16	18	18
54 in		10 3/16	10 3/16	14 9/16	18	18
60 in		9 1/4	9 1/4	12 3/4	17	18
66 in		9 1/4	9 1/4	12 3/4	17	18
24 in	120 in	18	18	18	18	18
30 in		18	18	18	18	18
36 in		13 1/2	13 1/2	18	18	18
42 in		12	12	18	18	18
48 in		10 13/16	10 13/16	15 7/16	18	18
54 in		10 13/16	10 13/16	13 1/2	18	18
60 in		9 13/16	9 13/16	13 1/2	18	18
66 in		9 13/16	9 13/16	13 1/2	18	18
24 in	126 in	18	18	18	18	18
30 in		16 5/16	16 5/16	18	18	18
36 in		14 1/4	14 1/4	18	18	18
42 in		12 11/16	12 11/16	16 5/16	18	18
48 in		11 3/8	11 3/8	14 1/4	18	18
54 in		10 3/8	10 3/8	14 1/4	18	18
60 in		10 3/8	10 3/8	14 1/4	18	18
66 in		10 3/8	10 3/8	14 1/4	18	18
24 in	132 in	18	18	18	18	18
30 in		17 1/8	17 1/8	18	18	18
36 in		15	15	18	18	18
42 in		12	12	17 1/8	18	18
48 in		10 15/16	10 15/16	15	18	18
54 in		10	10	13 5/16	17 1/8	18
60 in		10	10	13 5/16	17 1/8	18
66 in		10	10	13 5/16	17 1/8	18
24 in	138 in	18	18	18	18	18
30 in		15 3/4	15 3/4	18	18	18
36 in		14	14	18	18	18
42 in		12 5/8	12 5/8	15 3/4	18	18
48 in		11 7/16	11 7/16	14	18	18
54 in		11 7/16	11 7/16	14	18	18
60 in		11 7/16	11 7/16	14	18	18
66 in		11 7/16	11 7/16	14	18	18
24 in	144 in	18	18	18	18	18
30 in		16 1/2	16 1/2	18	18	18
36 in		14 11/16	14 11/16	18	18	18
42 in		12	12	16 1/2	18	18
48 in		11	11	14 11/16	18	18
54 in		11	11	14 11/16	18	18
60 in		11	11	14 11/16	18	18
66 in		11	11	14 11/16	18	18

Window Wall Mid-Panel Anchor Quantity (1/4" Maximum Shim Space)						
Frame Width	Frame Height	Anchor Type "A"	Anchor Type "B"	Anchor Type "C"	Anchor Type "D"	Anchor Type "E"
24 in	72 in	1	1	1	1	1
30 in		1	1	1	1	1
36 in		2	1	1	1	1
42 in		2	1	1	1	1
48 in		3	2	2	2	1
54 in		3	2	2	2	2
60 in		4	2	2	2	2
66 in		4	3	3	3	3
72 in		5	3	3	3	3
24 in	78 in	1	1	1	1	1
30 in		1	1	1	1	1
36 in		2	1	1	1	1
42 in		2	1	1	1	1
48 in		3	2	2	2	1
54 in		3	2	2	2	2
60 in		4	2	2	2	2
66 in		4	3	3	3	3
72 in		5	3	3	3	3
24 in	84 in	1	1	1	1	1
30 in		1	1	1	1	1
36 in		2	1	1	1	1
42 in		2	1	1	1	1
48 in		3	2	2	2	1
54 in		3	2	2	2	2
60 in		4	2	2	2	2
66 in		4	3	3	3	3
72 in		5	3	3	3	3
24 in	90 in	1	1	1	1	1
30 in		1	1	1	1	1
36 in		2	1	1	1	1
42 in		2	1	1	1	1
48 in		3	2	2	2	1
54 in		3	2	2	2	2
60 in		4	2	2	2	2
66 in		4	3	3	3	3
72 in		5	3	3	3	3
24 in	97.75 in	1	1	1	1	1
30 in		1	1	1	1	1
36 in		2	1	1	1	1
42 in		2	1	1	1	1
48 in		3	2	2	2	1
54 in		3	2	2	2	2
60 in		4	2	2	2	2
66 in		4	3	3	3	3
72 in		5	3	3	3	3
24 in	102 in	1	1	1	1	1
30 in		1	1	1	1	1
36 in		2	1	1	1	1
42 in		2	1	1	1	1
48 in		3	2	2	2	1
54 in		3	2	2	2	2
60 in		4	2	2	2	2
66 in		4	3	3	3	3
72 in		5	3	3	3	3

Frame Width	Frame Height	Anchor Type "A"	Anchor Type "B"	Anchor Type "C"	Anchor Type "D"	Anchor Type "E"
24 in	108 in	1	1	1	1	1
30 in		1	1	1	1	1
36 in		2	1	1	1	1
42 in		2	1	1	1	1
48 in		3	2	2	2	1
54 in		3	2	2	2	2
60 in		4	2	2	2	2
66 in		4	3	3	3	3
24 in	114 in	1	1	1	1	1
30 in		1	1	1	1	1
36 in		2	1	1	1	1
42 in		2	1	1	1	1
48 in		3	2	2	2	1
54 in		3	2	2	2	2
60 in		4	2	2	2	2
24 in	120 in	1	1	1	1	1
30 in		1	1	1	1	1
36 in		2	1	1	1	1
42 in		2	1	1	1	1
48 in		3	2	2	2	1
54 in		3	2	2	2	2
60 in		4	2	2	2	2
24 in	126 in	1	1	1	1	1
30 in		1	1	1	1	1
36 in		2	1	1	1	1
42 in		2	1	1	1	1
48 in		3	2	2	2	1
54 in		3	2	2	2	2
24 in	132 in	1	1	1	1	1
30 in		1	1	1	1	1
36 in		2	1	1	1	1
42 in		2	1	1	1	1
48 in		3	2	2	2	1
54 in		3	2	2	2	2
24 in	138 in	1	1	1	1	1
30 in		1	1	1	1	1
36 in		2	1	1	1	1
42 in		2	1	1	1	1
48 in		3	2	2	2	1
24 in	144 in	1	1	1	1	1
30 in		1	1	1	1	1
36 in		2	1	1	1	1
42 in		2	1	1	1	1
48 in		3	2	2	2	1

1) USE THIS SHEET FOR ANCHOR QUANTITIES LOCATED BETWEEN THE CLUSTERS, ON THE HEAD AND SILL.



Window Wall Mid-Panel Anchor Quantity (1/2" Maximum Shim Space)						
Frame Width	Frame Height	Anchor Type "A"	Anchor Type "B"	Anchor Type "C"	Anchor Type "D"	Anchor Type "E"
24 in	72 in	1	1	1	1	1
30 in		1	1	1	1	1
36 in		2	2	2	1	1
42 in		2	2	2	2	1
48 in		3	3	2	2	1
54 in		4	4	3	2	2
60 in		4	4	3	3	2
66 in		5	5	4	3	3
72 in	6	6	5	4	3	
24 in	78 in	1	1	1	1	1
30 in		1	1	1	1	1
36 in		2	2	2	1	1
42 in		2	2	2	2	1
48 in		3	3	2	2	1
54 in		4	4	3	2	2
60 in		4	4	3	3	2
66 in		5	5	4	3	3
72 in	6	6	5	4	3	
24 in	84 in	1	1	1	1	1
30 in		1	1	1	1	1
36 in		2	2	2	1	1
42 in		2	2	2	2	1
48 in		3	3	2	2	1
54 in		4	4	3	2	2
60 in		4	4	3	3	2
66 in		5	5	4	3	3
72 in	6	6	5	4	3	
24 in	90 in	1	1	1	1	1
30 in		1	1	1	1	1
36 in		2	2	2	1	1
42 in		2	2	2	2	1
48 in		3	3	2	2	1
54 in		4	4	3	2	2
60 in		4	4	3	3	2
66 in		5	5	4	3	3
72 in	6	6	5	4	3	
24 in	97.75 in	1	1	1	1	1
30 in		1	1	1	1	1
36 in		2	2	2	1	1
42 in		2	2	2	2	1
48 in		3	3	2	2	1
54 in		4	4	3	2	2
60 in		4	4	3	3	2
66 in		5	5	4	3	3
72 in	6	6	5	4	3	

Frame Width	Frame Height	Anchor Type "A"	Anchor Type "B"	Anchor Type "C"	Anchor Type "D"	Anchor Type "E"
24 in	102 in	1	1	1	1	1
30 in		1	1	1	1	1
36 in		2	2	2	1	1
42 in		2	2	2	2	1
48 in		3	3	2	2	1
54 in		4	4	3	2	2
60 in		4	4	3	3	2
66 in		5	5	4	3	3
24 in	108 in	1	1	1	1	1
30 in		1	1	1	1	1
36 in		2	2	2	1	1
42 in		2	2	2	2	1
48 in		3	3	2	2	1
54 in		4	4	3	2	2
60 in		4	4	3	3	2
66 in		5	5	4	3	3
24 in	114 in	1	1	1	1	1
30 in		1	1	1	1	1
36 in		2	2	2	1	1
42 in		2	2	2	2	1
48 in		3	3	2	2	1
54 in		4	4	3	2	2
60 in		4	4	3	3	2
24 in	120 in	1	1	1	1	1
30 in		1	1	1	1	1
36 in		2	2	2	1	1
42 in		2	2	2	2	1
48 in		3	3	2	2	1
54 in		4	4	3	2	2
60 in		4	4	3	3	2
24 in	126 in	1	1	1	1	1
30 in		1	1	1	1	1
36 in		2	2	2	1	1
42 in		2	2	2	2	1
48 in		3	3	2	2	1
54 in		4	4	3	2	2
24 in	132 in	1	1	1	1	1
30 in		1	1	1	1	1
36 in		2	2	2	1	1
42 in		2	2	2	2	1
48 in		3	3	2	2	1
54 in		4	4	3	2	2
24 in	138 in	1	1	1	1	1
30 in		1	1	1	1	1
36 in		2	2	2	1	1
42 in		2	2	2	2	1
48 in		3	3	2	2	1
24 in	144 in	1	1	1	1	1
30 in		1	1	1	1	1
36 in		2	2	2	1	1
42 in		2	2	2	2	1
48 in		3	3	2	2	1

<i>Revised By:</i>	<i>Date:</i>	<i>Revision:</i>
<i>Revised By:</i>	<i>Date:</i>	<i>Revision:</i>

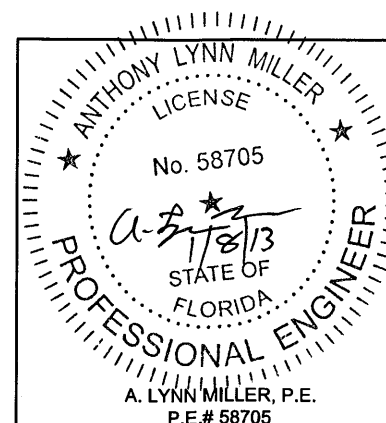
Description:		
PANEL ANCHOR TABLES		
Title:		
STOREFRONT SYSTEM DETAIL		
Series/Model:	Scale:	Sheet:
SS-3500	NTS	8 OF 10

Approved as complying with the
Florida Building Code
Date 07/17/2013
NOA# 12-1005.01
Miami-Dade Product Control
By [Signature]

Drawn By:
J ROSOWSKI

Date: 10/05/12

Drawing No. MD-3500-LM	Rev: R0
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1070 TECHNOLOGY DRIVE
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NOKOMIS, FL 34274

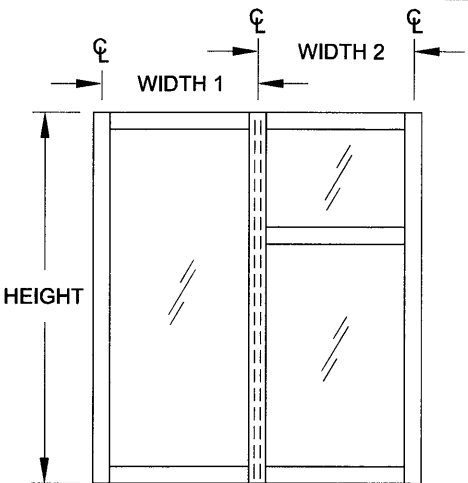
CERT. CF AUTH. #29296

TABLE 9:

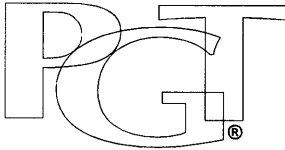
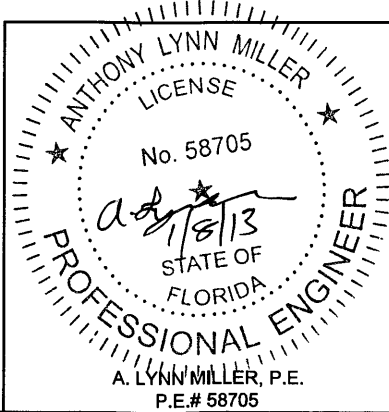
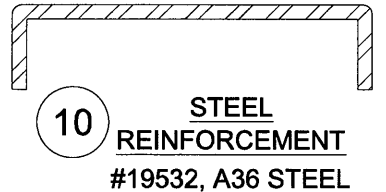
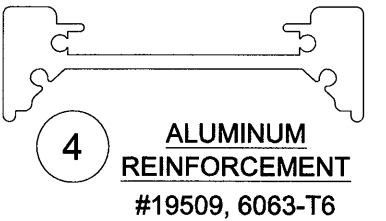
Window Wall Mullion Capacity (psf)									
Nominal Dim.		Unreinforced (Glass Types B & E)		Unreinforced (Glass Types A & D)		Alum. Reinf. (Glass Types C & F)		Steel Reinf. (Glass Types C & F)	
Frame Width	Frame Height	Pos (+)	Neg (-)	Pos (+)	Neg (-)	Pos (+)	Neg (-)	Pos (+)	Neg (-)
24 in	72 in	70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
30 in		70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
36 in		70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
42 in		70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
48 in		70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
54 in		70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
60 in		70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
66 in						90.0	100.0	90.0	120.0
72 in						90.0	100.0	90.0	120.0
24 in	78 in	70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
30 in		70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
36 in		70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
42 in		70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
48 in		70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
54 in		70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
60 in		70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
66 in						90.0	100.0	90.0	120.0
72 in						90.0	100.0	90.0	120.0
24 in	84 in	70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
30 in		70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
36 in		70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
42 in		70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
48 in		70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
54 in		70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
60 in						90.0	100.0	90.0	120.0
66 in						90.0	100.0	90.0	120.0
72 in								90.0	100.0
24 in	90 in	70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
30 in		70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
36 in		70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
42 in		70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
48 in		70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
54 in						90.0	100.0	90.0	120.0
60 in						90.0	100.0	90.0	120.0
66 in								90.0	100.0
72 in								90.0	100.0
24 in	97.75 in	70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
30 in		70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
36 in		70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
42 in		70.0	80.0	87.9	87.9	90.0	100.0	90.0	120.0
48 in		70.0	80.0	80.0	80.0	90.0	100.0	90.0	120.0
54 in						90.0	100.0	90.0	120.0
60 in								90.0	120.0
66 in								90.0	100.0
72 in								90.0	100.0
24 in	102 in	70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
30 in		70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
36 in		70.0	80.0	88.3	88.3	90.0	100.0	90.0	120.0
42 in		68.3	77.1	77.1	77.1	90.0	100.0	90.0	120.0
48 in						90.0	100.0	90.0	120.0
54 in						90.0	100.0	90.0	120.0
60 in								90.0	100.0
66 in								90.0	100.0

IF COMBINED WITH STOREFRONT ENTRANCE DOOR (SEE SEPARATE APPROVAL), THE LESSER DESIGN PRESSURE VALUE OF THE DOOR OR STOREFRONT SYSTEM SHALL BE THE DESIGN PRESSURE FOR THE ENTIRE SYSTEM.

Window Wall Mullion Capacity (psf)									
Nominal Dim.		Unreinforced (Glass Types B & E)		Unreinforced (Glass Types A & D)		Alum. Reinf. (Glass Types C & F)		Steel Reinf. (Glass Types C & F)	
Frame Width	Frame Height	Pos (+)	Neg (-)	Pos (+)	Neg (-)	Pos (+)	Neg (-)	Pos (+)	Neg (-)
24 in	108 in	70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
30 in		70.0	80.0	87.5	87.5	90.0	100.0	90.0	120.0
36 in		65.6	74.0	74.0	74.0	90.0	100.0	90.0	120.0
42 in		57.1	64.5	64.5	64.5	90.0	100.0	90.0	120.0
48 in						90.0	100.0	90.0	120.0
54 in								90.0	100.0
60 in								90.0	100.0
66 in								90.0	100.0
24 in	114 in	70.0	80.0	90.0	90.0	90.0	100.0	90.0	120.0
30 in		65.8	74.2	74.2	74.2	90.0	100.0	90.0	120.0
36 in		55.5	62.6	62.6	62.6	90.0	100.0	90.0	120.0
42 in						90.0	100.0	90.0	120.0
48 in						90.0	100.0	90.0	120.0
54 in								90.0	100.0
60 in								90.0	100.0
66 in								90.0	100.0
24 in	120 in	69.7	78.5	78.5	78.5	90.0	100.0	90.0	120.0
30 in		56.2	63.4	63.4	63.4	90.0	100.0	90.0	120.0
36 in		47.4	53.5	53.5	53.5	90.0	100.0	90.0	120.0
42 in						90.0	100.0	90.0	120.0
48 in						90.0	100.0	90.0	120.0
54 in								90.0	100.0
60 in								90.0	100.0
66 in								90.0	100.0
24 in	126 in	60.1	67.7	67.7	67.7	90.0	100.0	90.0	120.0
30 in		48.5	54.6	54.6	54.6	90.0	100.0	90.0	120.0
36 in		40.8	46.0	46.0	46.0	90.0	100.0	90.0	120.0
42 in						87.1	96.8	90.0	116.5
48 in								90.0	100.0
54 in								84.0	93.4
60 in									
66 in									
24 in	132 in	52.2	58.8	58.8	58.8	90.0	100.0	90.0	120.0
30 in		42.1	47.4	47.4	47.4	90.0	100.0	90.0	120.0
36 in						87.1	96.7	90.0	116.4
42 in						75.4	83.8	90.0	100.9
48 in								80.5	89.4
54 in								72.6	80.6
60 in									
66 in									
24 in	138 in	45.6	51.4	51.4	51.4	90.0	100.0	90.0	120.0
30 in		36.7	41.4	41.4	41.4	90.0	100.0	90.0	120.0
36 in						76.0	84.4	90.0	101.6
42 in								79.2	88.0
48 in								70.1	77.9
54 in									
60 in									
66 in									
24 in	144 in	40.1	45.2	45.2	45.2	90.0	100.0	90.0	120.0
30 in		32.3	36.4	36.4	36.4	79.5	88.3	90.0	106.3
36 in						66.7	74.1	80.3	89.3
42 in								69.5	77.2
48 in								61.5	68.3
54 in									
60 in									
66 in									



FRAME WIDTH = $\frac{\text{WIDTH 1} + \text{WIDTH 2}}{2}$



1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

CERT. OF AUTH. #29296

Revised By:	Date:	Revision:
Revised By:	Date:	Revision:
Description: MULLION CAPACITY		Drawn By: J ROSOWSKI
Title: STOREFRONT SYSTEM DETAILS - LM		Date: 10/05/12
Series/Model: SS-3500	Scale: NTS	Sheet: 9 OF 10
Drawing No. MD-3500-LM		Rev: R0

Approved as complying with the
Florida Building Code
Date **12-01-17-2013**
NOA# **12-1665-01**
Miami Code Product Control
By *[Signature]*

ASSEMBLY DETAILS

ALL DETAILS SHOWN FROM THE EXTERIOR

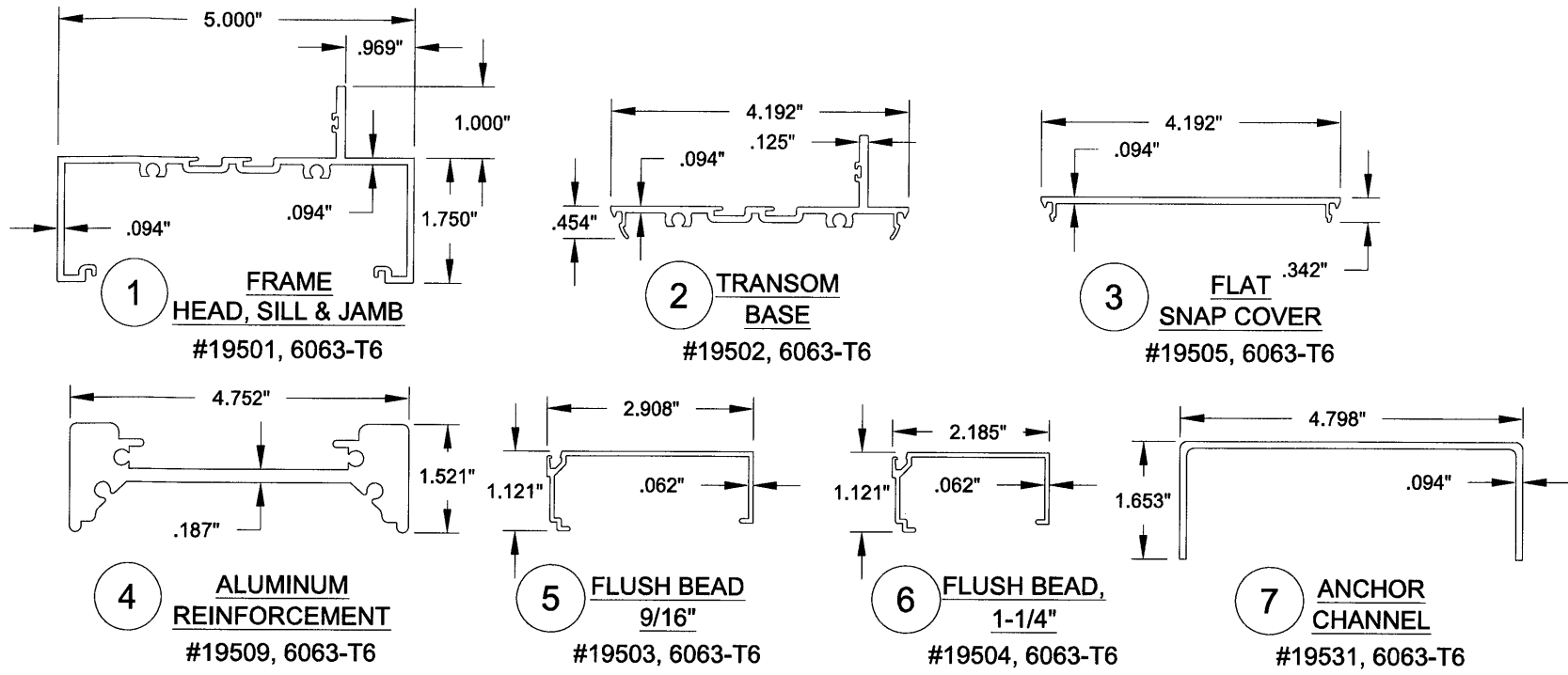
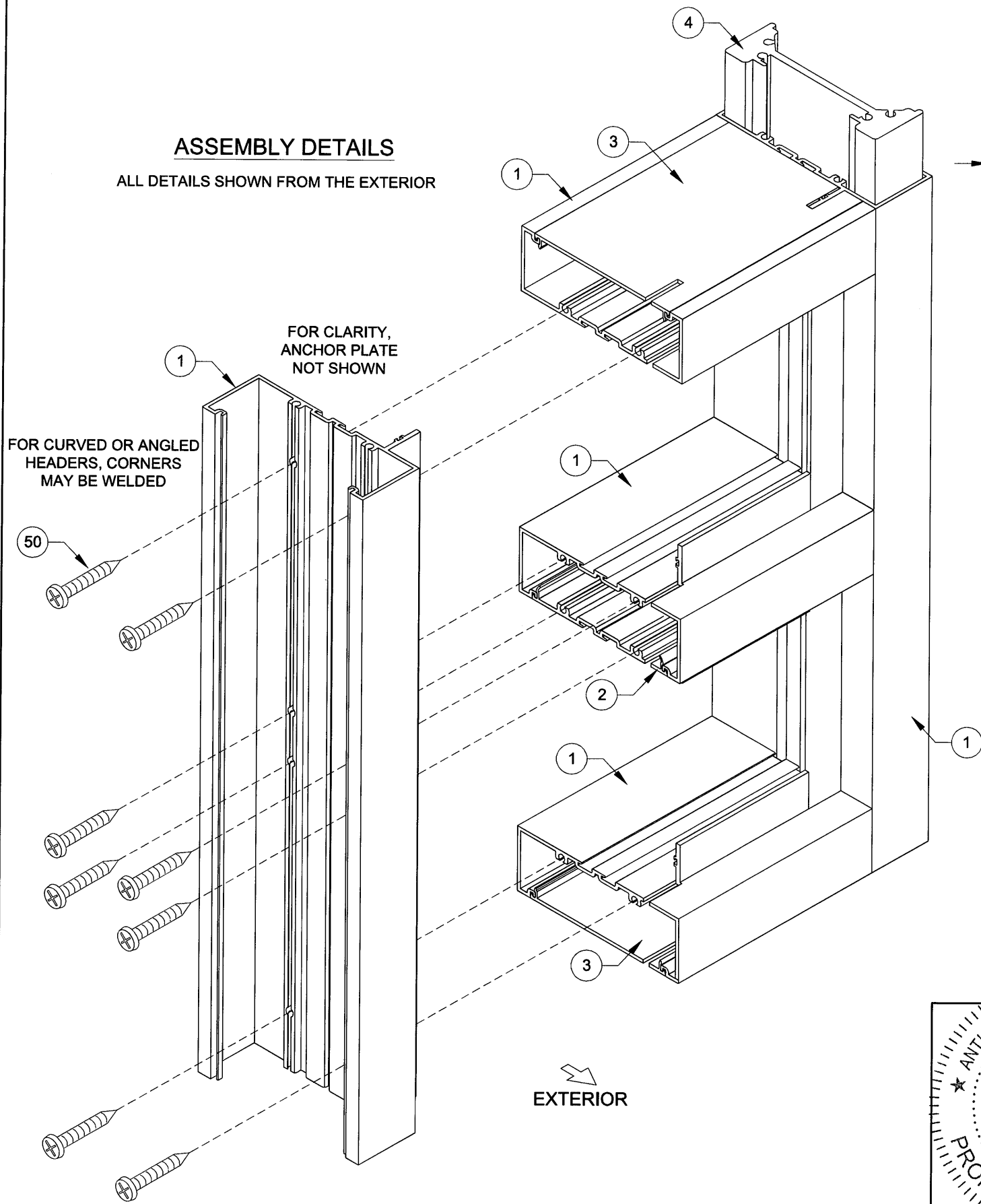
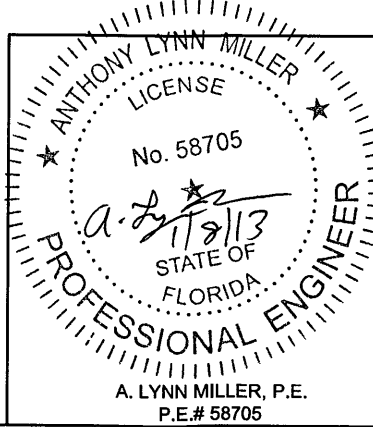


TABLE 10:

Item	Dwg. #	Description	Material
1	19501	Frame Head, Jamb, Sill	6063-T6 Alum.
2	19502	Transom Base	6063-T6 Alum.
3	19505	Flat Snap Cover	6063-T6 Alum.
4	19509	Aluminum Reinforcement	6063-T6 Alum.
5	19503	Flush Bead, 9/16"	6063-T6 Alum.
6	19504	Flush Bead, 1-1/4"	6063-T6 Alum.
7	19531	Anchor Channel, 4"	6063-T6 Alum.
10	19532	Steel Reinforcement	A36 Steel
30	1652	Setting Block 3/16" x 7/16" x 4", Duro = 85 +/-5	EPDM
31	1704	IG Setting Block 3/16" x 1-3/32" x 4", Duro = 85 +/-5	EPDM
40	13144	Glazing Gasket, Bead, Duro = 65 +/-5	EPDM
41	19543	Glazing Gasket, Glazing Leg, Duro = 80 +/-5	Santoprene
42		Silicone Backbedding: Dow 791, 795, GE7700	
47	2870	Edgetech I.G. 7/16" Super-Spacer	
50	712X112	#12 x 1-1/2" Hex Washer Screw, Assembly	Stainless Steel
53	76B58	#6 X 1-5/8" Bugle Head Ph. Screw, for Curved Bead.	Stainless Steel



PGT

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CERT. OF AUTH. #29296

Revised By:	Date:	Revision:		
Revised By:	Date:	Revision:		
Description: MATERIAL/CORNER DETAILS			Drawn By: J ROSOWSKI	
Title: STOREFRONT SYSTEM DETAILS - LM			Date: 10/05/12	
Series/Model: SS-3500	Scale: NTS	Sheet: 10 OF 10	Drawing No. MD-3500-LM	Rev: R0

Approved as complying with the Florida Building Code
Date: **12-10-13**
NOA# **12-10-13**
Miami Dade Product Control
By: *[Signature]*