MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/building

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

NOTICE OF ACCEPTANCE (NOA)

PGT Industries, LLC
1070 Precision Drive,
North Venice, FL 34275

Scope:

This NOA is hereby 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 (hereinafter Miami-Dade County and/or the AHJ (as noted) 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 "PW-5560" PVC Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **MD-5560.0** dev E titled "Vinyl Fixed Casement Window NOA (LMI)", sheets 1 through 13 of 13, dated 09/09/14 and last revised on 07/08/25, prepared by manufacturer, signed and sealed by Anthony Lynn Maher, 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 or 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 the words 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.

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

This NOA revises & renews NOA No. **23-0801.04** and consists of this page 1 and exhibits/pages E-1, E-2, E-3, E-4, E-5, E-6 and E-7, as well as approved drawings mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.

NOA No. **25-0801.05**
Expiration Date: **September 24, 2030**
Approval Date: **September 04, 2025**
Page 1

PGT Industries, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

I. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

1. Manufacturer's die drawings and accents.
(Submitted under NOA No. 15-0615.01)

2. Drawing No. MD-5538.0 titled "Vinyl Fixed Casement Window NOA (1.38)", sheets 1 through 15 of 15, dated 09/09/14, with revision C dated 03/19/20, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
(Submitted under NOA No. 20-0401.07)

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 diagrams of all PGT Industries, Inc. representative units listed below and tested to qualify Dowsil 791 and Dowsil 995 silicones, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.: FTL-7897, PGT PW552m PVC Fixed Window (unit 6 in proposal), dated 09/03/19; FTL-20-2107.2, PGT SGD180 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 FW7620A Aluminum Fixed Window (unit 9 in proposal); and FTL-20-2107.4, PGT FW7620A Aluminum Fixed Window (unit 10 in proposal), dated 07/13/20, all signed and sealed by Idelanis Ortega, P.E.
(Submitted under NOA No. 20-0401.07)

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 203-94

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: Kinlspace 4SG TPS spacer system, Duratuf® spacer system, Super Spacer® NX4™ spacer system and XL Edge2™ spacer system all insulated glass, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. FTL-8717, FTL-8958 and FTL-8970, dated 11/14/15, 05/07/16 and 06/02/16 respectively, all signed and sealed by Idelanis Ortega, P.E.
(Submitted under NOA No. 16-0714.19)

Idelanis Ortega, P.E.
Product Control Unit Supervisor
NOA No. 25-0901.06
Expiration Date: September 24, 2030
Approval Date: September 04, 2025

PGT Industries, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

I. **EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)**

B. **TESTS** (CONTINUED)

3. 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 FBC 2411.2.2.1, and TAS 202-94
along with marked-up drawings and installation diagram of a PVC fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-7897**, dated 08/01/14, signed and sealed by Idaluis Ortega, P.E.
(Submitted under NOA No. 15-0415.01)

4. 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 2411.2.2.1, and TAS 202-94
5) Large Missile Impact Test per FBC, TAS 201-94
6) Cyclic Wind Pressure Loading per FBC, TAS 202-94
along with marked-up drawings and installation diagram of a series 5348/5448 PVC casement picture windows, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-8128**, dated 02/10/15, signed and sealed by Idaluis Ortega, P.E. and with marked-up drawings and installation diagram of a series 5348/5448 vinyl fixed windows w/tube mullion, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-8174**, dated 03/31/15, signed and sealed by Idaluis Ortega, P.E.
(Submitted under NOA No. 15-0415.01)

5. Additional, Reference test report **FTL-8185** per TAS 201, 202 & 203-94, issued by Fenestration Testing Laboratory, Inc.
(Submitted under NOA No. 15-0415.01)

C. **CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC 6th Edition (2017)** and **FBC 5th (2020)** dated 03/19/20, prepared by manufacturer, signed and sealed by Andrew Lynn Miller, P.E.
(Submitted under NOA No. 20-0401.07)

2. Testing complies with **ASTM E1300-09**

D. **QUALITY ASSURANCE**

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

Juan L Chirela, P.E.
Product Control Unit Supervisor
NOA No. 25-0801.05
Expiration Date: September 24, 2030
Approval Date: September 04, 2025

PGT Industries, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTER

I. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (continued)

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 07/05/23.
3. Notice of Acceptance No. 18-0322.02, issued to ENERGI Fenestration Solutions USA, Inc., for their **White Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 03/08/18, 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 Rigid PVC Exterior Extrusions for Windows and Doors**" dated 02/27/20, expiring on 04/16/25.
5. Notice of Acceptance No. 20-0203.04 issued to ENERGI Fenestration Solutions USA, Inc. for their "**Performance Cap Rigid PVC Exterior Extrusions for Windows and Doors**" dated 02/27/20, expiring on 04/16/25.

F. STATEMENTS

1. Statement letter of conformance, complying with FBC 6th Edition (2017) and the FBC 7th Edition (2020), dated March 12, 2020, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
(Submitted under NOA No. 20-0401.07)
2. Statement letter of no financial interest, dated March 12, 2020, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
(Submitted under NOA No. 20-0401.07)
3. Proposal No. 19-1155TT issued by the Product Control Section, dated January 10, 2020, signed by Ishaq Chunda, P.E.
(Submitted under NOA No. 20-0401.07)
4. Proposal No. 16-0125 issued by the Product Control Section, dated March 09, 2016, signed by Ishaq Chunda, P.E.
(Submitted under NOA No. 17-0614.06)
5. Proposal issued by Product Control Section, dated 09/26/18, signed by Jaime Caicon, P.E. Supervisor, Product Control Section.
(Submitted under NOA No. 18-0613.03)

G. OTHERS

1. Notice of Acceptance No. 17-0614.06, issued to PGT Industries, Inc. for their Series "PW-3500" PVC Fixed Window – LMI., approved on 06/27/17 and expiring on 09/29/20.

Ishaq I. Chunda, P.E.
Product Control Unit Supervisor
NOA No. 20-0401.07
Expiration Date: September 24, 2020
Approval Date: September 04, 2015

PGT Industries, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. **EVIDENCE SUBMITTED Under Previous approval**

A. **DRAWINGS**

1. Drawing No. **MD-8540.0** titled "Vinyl Fixed Casement Window NOA (.MI)", sheet 1 through 13 of 13, dated 09/05/14, with revision 8 dated 07/03/23, prepared by manufacturer, signed and sealed by Anthony Ryan Miller, P.E.

B. **TESTS**

1. Test reports on 15-400 ft-lb Drop Test, per ANSI Z97.1-15 Class A and FBC Section 2406.2 and 2406.4.5, along with marked-up drawings and installation diagram of CGI Windows & Doors, Inc. and PGT Industries, Inc. representative units listed below and tested to qualify ANSI Z97.1 Safety Glazing on corresponding lines of CGI and PGT lines of fixed window products, prepared by QAI Laboratories, Test Reports No.: **NOK-0049**, test specimen: CGI Windows & Doors, Inc. Series "PW28" Aluminum Fixed Window – 1.MI, (unit 1 in proposal No. **23-0441R** dated 06/12/23), **NOK-0050**, test specimen: PGT Industries, Inc. Series "PW5520 Vinyl Fixed Window – 1.MI, (unit 2 in proposal No. **23-0441R** dated 06/12/23), each dated 08/02/23, and signed and sealed by Idalmis Ortega, P.E.

C. **CALCULATIONS**

1. None.

D. **QUALITY ASSURANCE**

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

Idalmis Ortega, P.E.
Product Control Unit Supervisor
NOA No. 15-0909.06
Expiration Date: September 24, 2028
Approval Date: September 04, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

I. **NEW EVIDENCE SUBMITTED** (CONTINUED)

K. **MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. 20-0915.22 issued to **Kuraray America, Inc.** for their "**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**" dated 11/19/20, expiring on 07/08/24.
2. Notice of Acceptance No. 22-1116.01 issued to **Kuraray America, Inc.** for their "**SentryGlas® (Clear and White) Glass Interlayers**" dated 12/13/22, expiring on 07/08/28.
3. Notice of Acceptance No. 21-1109.04, issued to **Vision Extrusions Group Limited**, for their **White Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 03/31/22, expiring on 09/30/24.
4. Notice of Acceptance No. **22-0104.04**, issued to **Vision Extrusions Group Limited**, for their **Bronze and Lighter Shades of Cap Coated Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 06/16/22, expiring on 12/29/26.
5. Notice of Acceptance No. **22-0621.01**, issued to **Vision Extrusions Group Limited**, for their **Black and Lighter Shades of Cap Coated Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 07/28/22, expiring on 07/28/27.

P. **STATEMENTS**

1. Statement letter of conformance complying with **FBC 7th Edition (2020)** and the **FBC 8th Edition (2023)**, dated July 31, 2023, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
2. Statement letter of no financial interest, dated July 31, 2023, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
3. Protocol No. **23-0411R** issued by the Product Control Section, dated 06/06/23 and revised on 06/12/23, signed by Manuel Perez, P.E.

Q. **OTHERS**

1. Notice of Acceptance No. **20-0401.07**, issued to PGT Industries, Inc. for their Series "**PW-4360**" PVC Fixed Window – **I.M.I.** approved on 08/06/20 and expiring on 09/24/25.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 25-0601.05
Expiration Date: September 24, 2030
Approval Date: September 04, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

I. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. **APPROVAL DOCUMENT:** Drawing No. M-B-55403 Rev E titled "Vinyl Fixed Casement Window NOA (LM)", sheets 1 through 13 of 13, dated 09/09/14 and last revised on 07/01/25, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

B. TESTS (submitted under previous approval)

1. None.

C. CALCULATIONS (submitted under previous approval)

1. None

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. NOA No. **23-0618.01** issued to Vision Extrusions Group Limited, for their **"White Rigid PVC Exterior Extrusions for Windows and Doors"**, expiring on 09/30/29.
2. Notice of Acceptance No. **25-0609.03**, issued to **Vision Extrusions Group Limited**, for their **Tan 3040 and Lighter Shades (Non-White) Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 07/10/25, expiring on 03/04/31.
3. Notice of Acceptance No. **24-0401.07**, issued to **Vision Extrusions Group Limited** for their **Dark and Lighter Shades of Cap Coated Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 05/09/24, expiring on 07/23/27.
4. Notice of Acceptance No. **23-0830.05**, issued to **Vision Extrusions Group Limited**, for their **VE 1000 Tan 202 and Lighter Shades (Non-White) Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 10/26/23, expiring on 12/20/28.
5. Notice of Acceptance No. **24-0618.02**, issued to **Vision Extrusions Group Limited**, for their **Painted or Laminated White Rigid PVC Exterior Extrusions for Windows and Doors**, approved on 07/18/25, expiring on 09/30/29.
6. NOA No. **24-0205.08** issued to **Kuraray America, Inc.** for their **"Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers"**, expiring on 03/08/29.
7. NOA No. **23-0717.30** issued to **Kuraray America, Inc.** for their **"SentryGlas® (Clear and White) Glass Interlayers"**, expiring on 07/04/28.

F. STATEMENTS

1. Statement letter of conformance, complying with FBC 8th Edition (2023) and no financial interest, dated 07-30-25, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
2. Statement letter dated 12/19/24 issued by manufacturer requesting renewal with company name change to PGT Industries, LLC, signed and sealed by Anthony Lynn Miller, P.E.
3. e-mail dated 12/23/24 sent by Lynn Miller (PGT Code Compliance Manager), consists of PGT innovation form 8-K filed w/SEC, PGT innovation form 10-K filed w/SEC and Exhibit 21(From 10-K); PGT innovation's list of subsidiaries.

Jaime E. Caicedo, P.E.
Product Control Unit Supervisor
NOA No. 25-0819.05
Expiration Date: September 24, 2030
Approval Date: September 04, 2025

PGT Industries, LLC

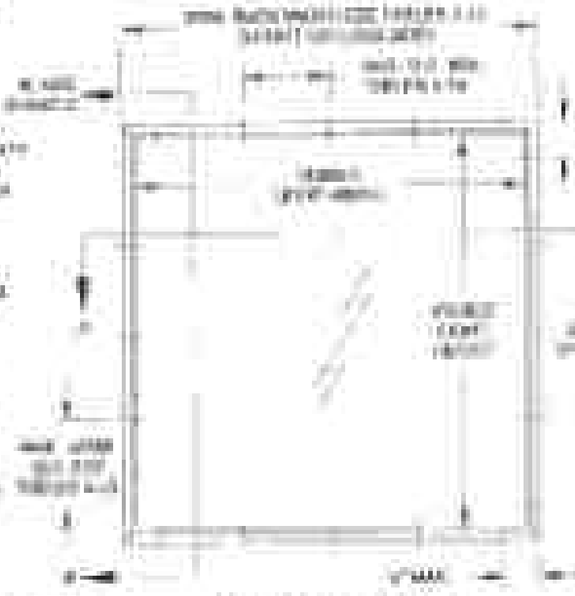
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

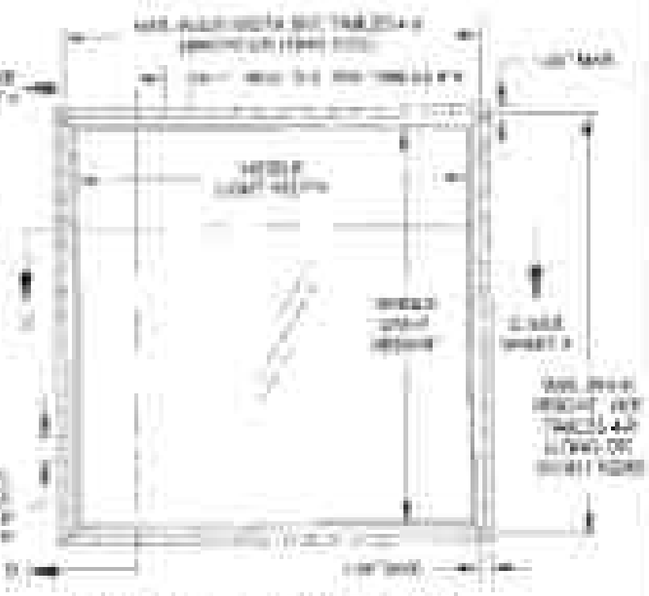
3. NEW EVIDENCE SUBMITTED (continue)

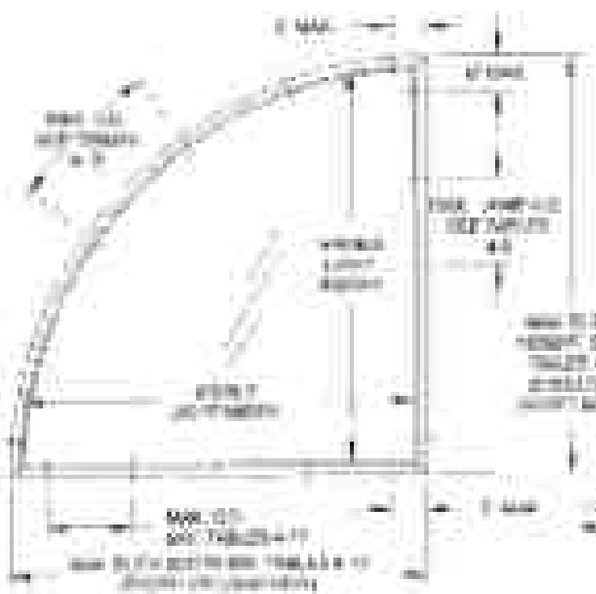
4. OTHERS

1. This NOA revises & renews NOA# 23-0826.04, expiring on 09/26/2024.
2. Article of conversion of PGT Industries, Inc to PGT Industries, LLC pdf provided on 12/24/24 by Ms. April Lee, Assistant General Counsel.
3. Florida Department of State, Division of Corporation listing # L24000420700 of PGT Industries, LLC as active status since 12/17/24.
4. Florida Department of State, Division of Corporation listing # 903587 of PGT Industries, Inc as Inactive status.
5. PGT Name change organization chart layout prepared by RSR (for file use only).

Johny E. Chowdhury, P.E.
Product Control Unit Supervisor
NOA No. 24-0801.04
Expiration Date: September 24, 2029
Approval Date: September 04, 2024

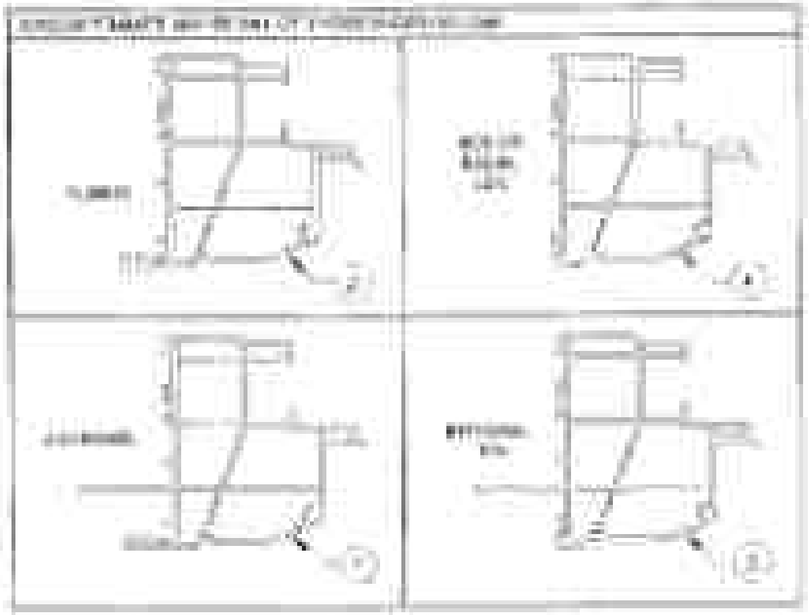








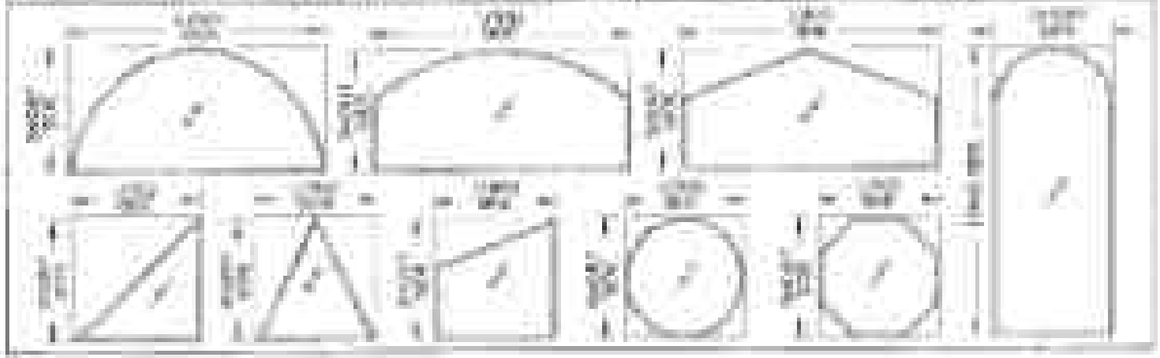
Glass Type	Description	Spacer A	Spacer B
7	[illegible]	-	7
8	[illegible]	5	8
9	[illegible]	9	9
10	[illegible]	5	5
11	[illegible]	7	9
12	[illegible]	9	10
13	[illegible]	9	13
14	[illegible]	9	13
15	[illegible]	11	11
16	[illegible]	11	13
17	[illegible]	13	13



Group	Model	Description	Min. Glass Thickness	Min. Glass Thickness
A	[illegible]	[illegible]	[illegible]	[illegible]
B	[illegible]	[illegible]	[illegible]	[illegible]
C	[illegible]	[illegible]	[illegible]	[illegible]

Material	Min. %	Max. %
[illegible]	[illegible]	[illegible]

Group	Model	Description	Min. Glass Thickness	Min. Glass Thickness
A	[illegible]	[illegible]	[illegible]	[illegible]
B	[illegible]	[illegible]	[illegible]	[illegible]
C	[illegible]	[illegible]	[illegible]	[illegible]



PGT

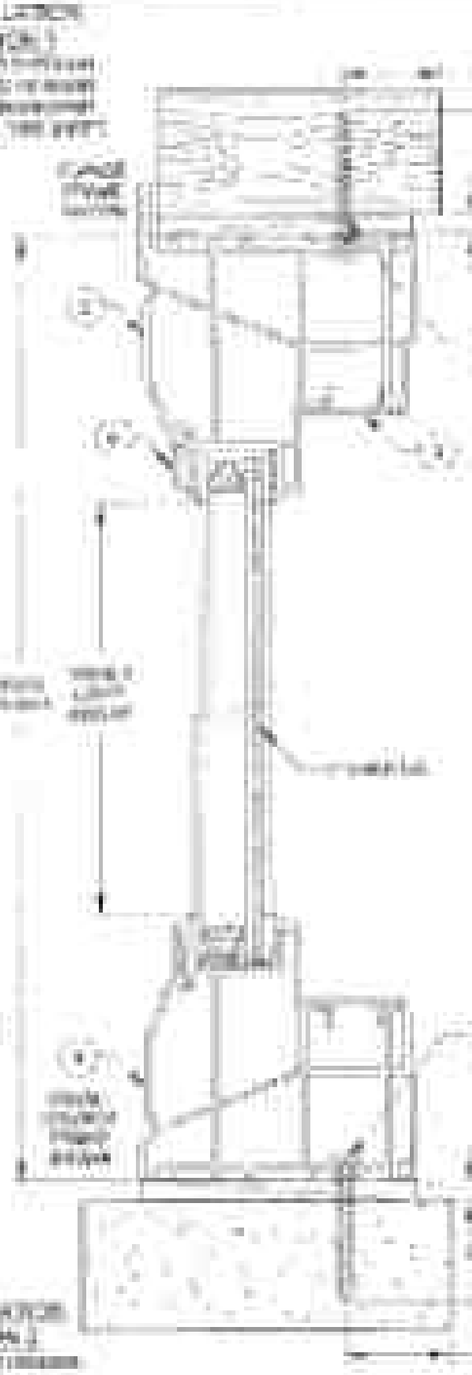
PROPRIETARY & CONFIDENTIAL

[illegible]

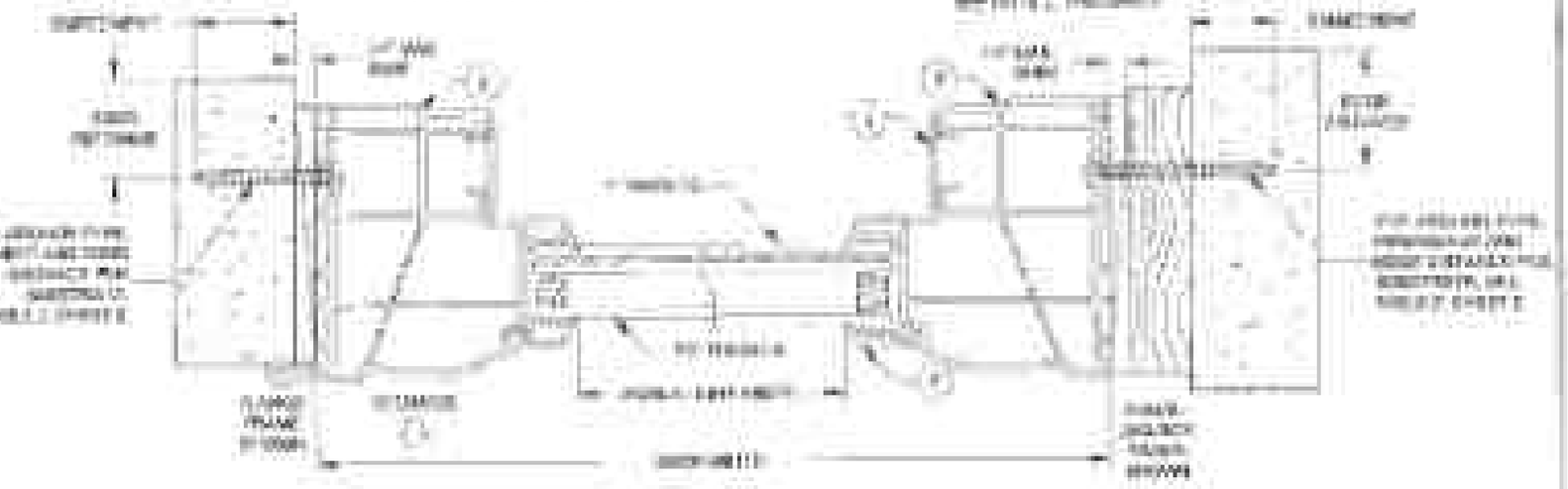
[illegible]

[illegible]

INSTALLATION DETAILS FOR FLANGE & EQUAL LEG BRICK MOULD FRAMES



VERTICAL SECTION B-B



HORIZONTAL SECTION A-A

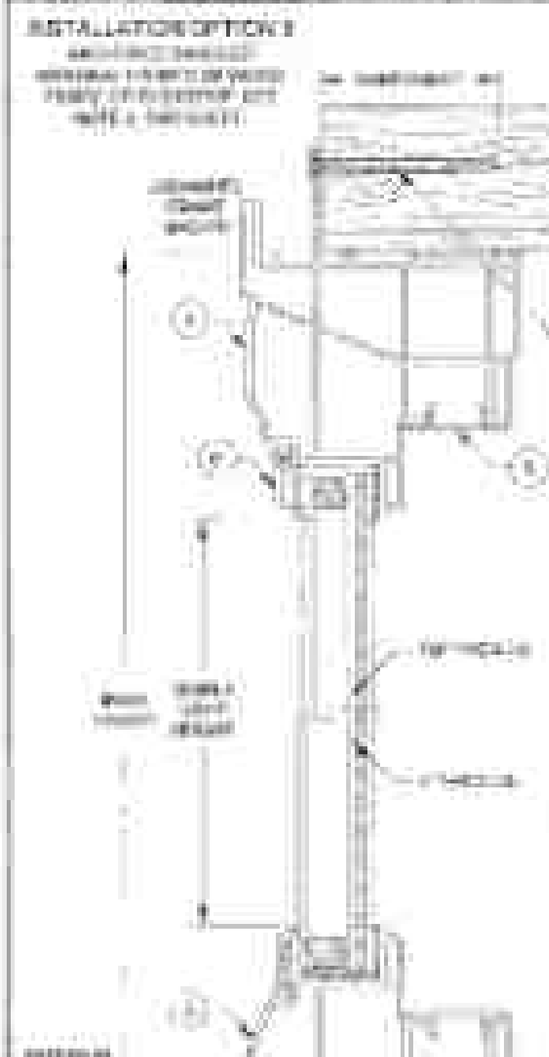




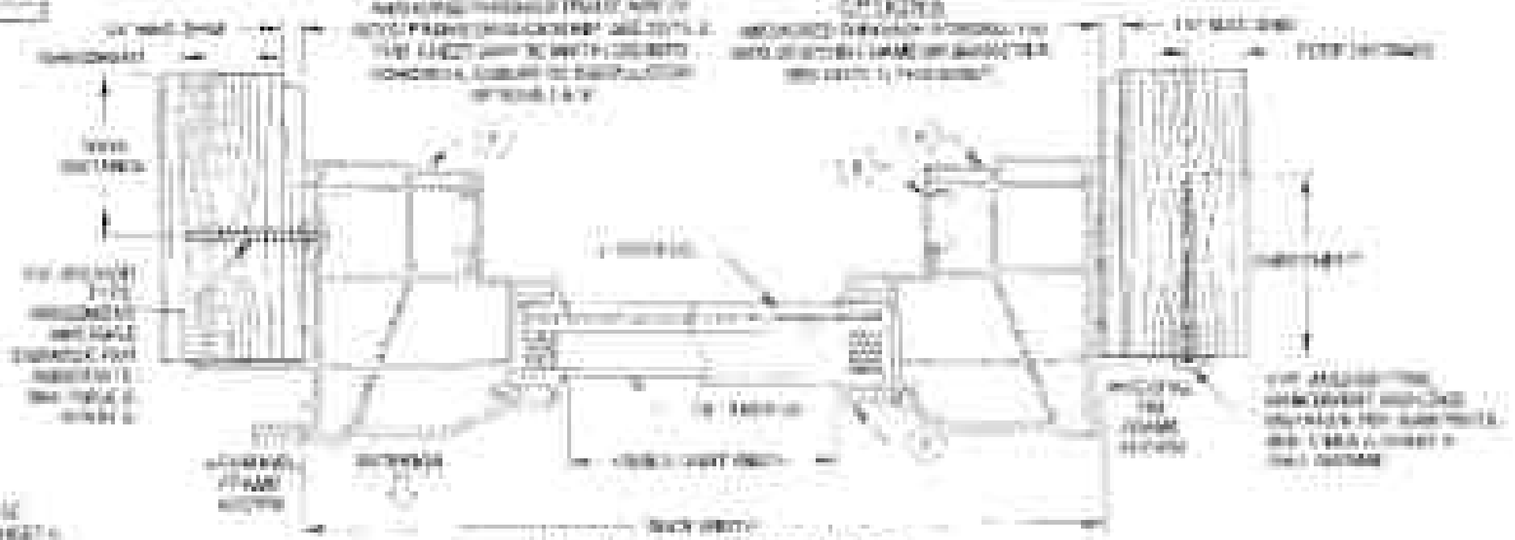
PGT

PROJECT NUMBER	
DRAWING NUMBER	
SCALE	
DATE	
DRAWN BY	
CHECKED BY	
SHEET	3 OF 10
REVISION	6

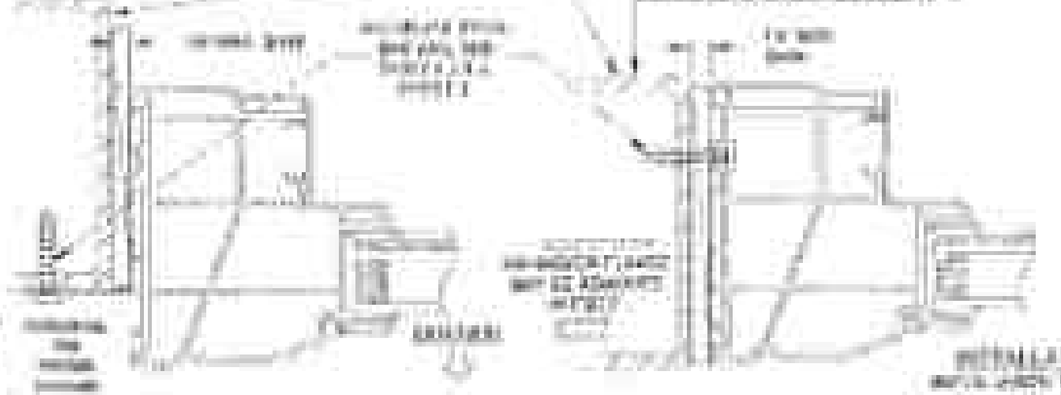
INSTALLATION DETAILS FOR INTEGRAL FIN & J CHANNEL FRAMES



VERTICAL SECTION D-D



HORIZONTAL SECTION C-C



PGT

ILLUSTRATION OF FIXED CASEMENT TO-FIXED CASEMENT (OO)

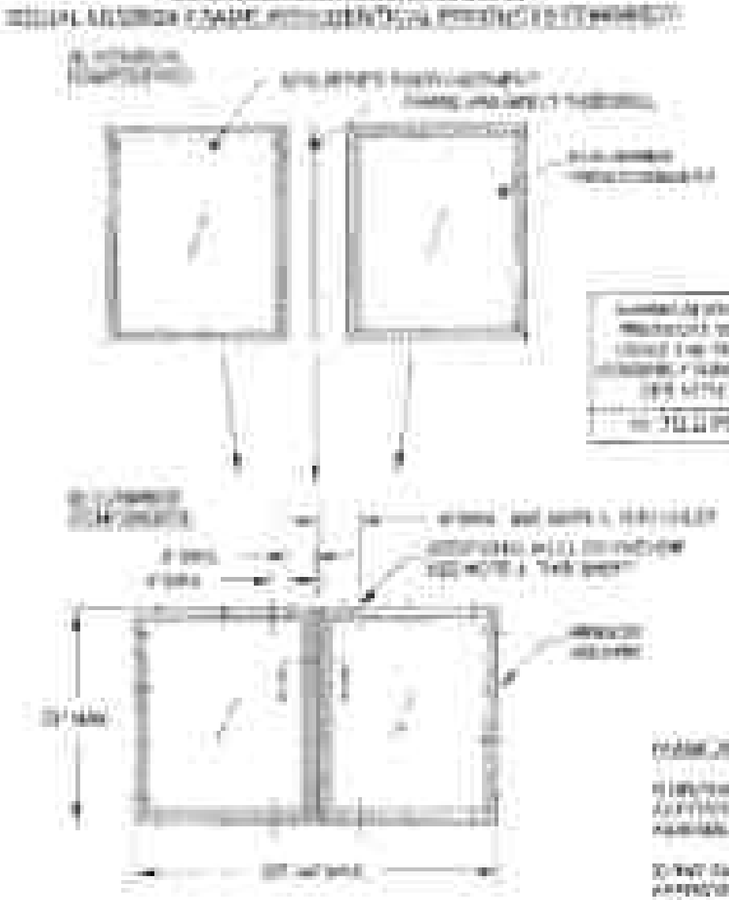
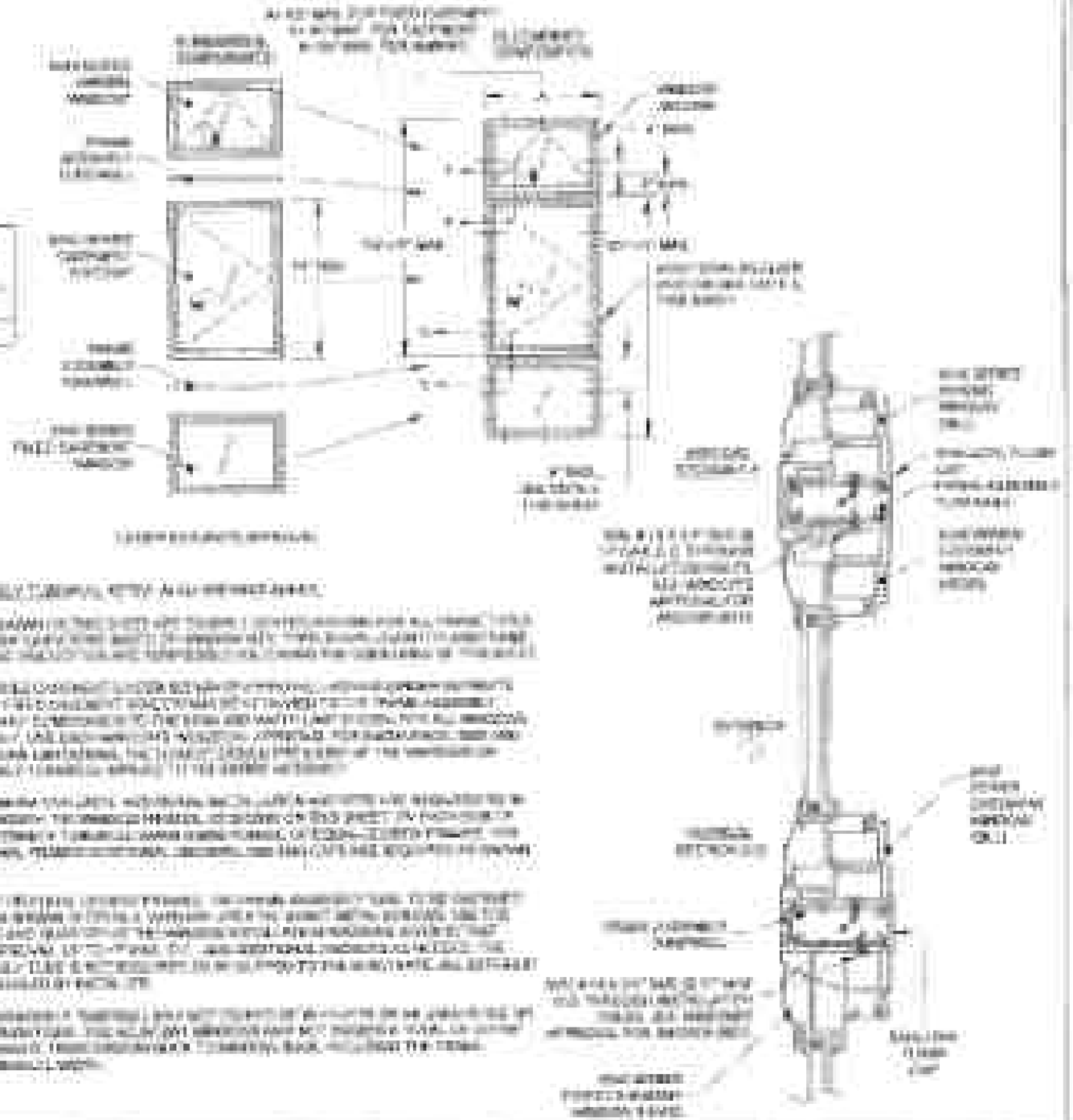
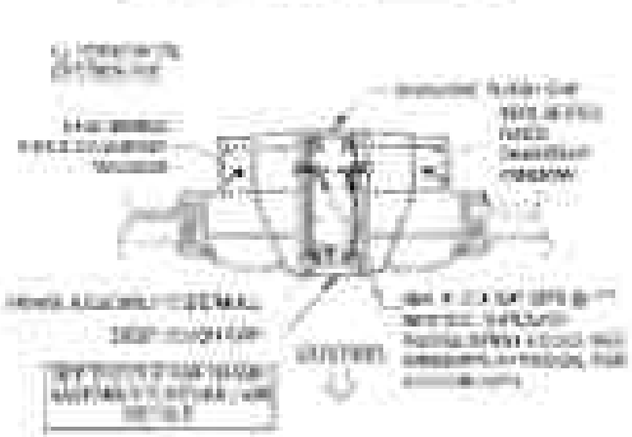


ILLUSTRATION OF AWNING-TO-CASEMENT-TO-FIXED CASEMENT (OXO)

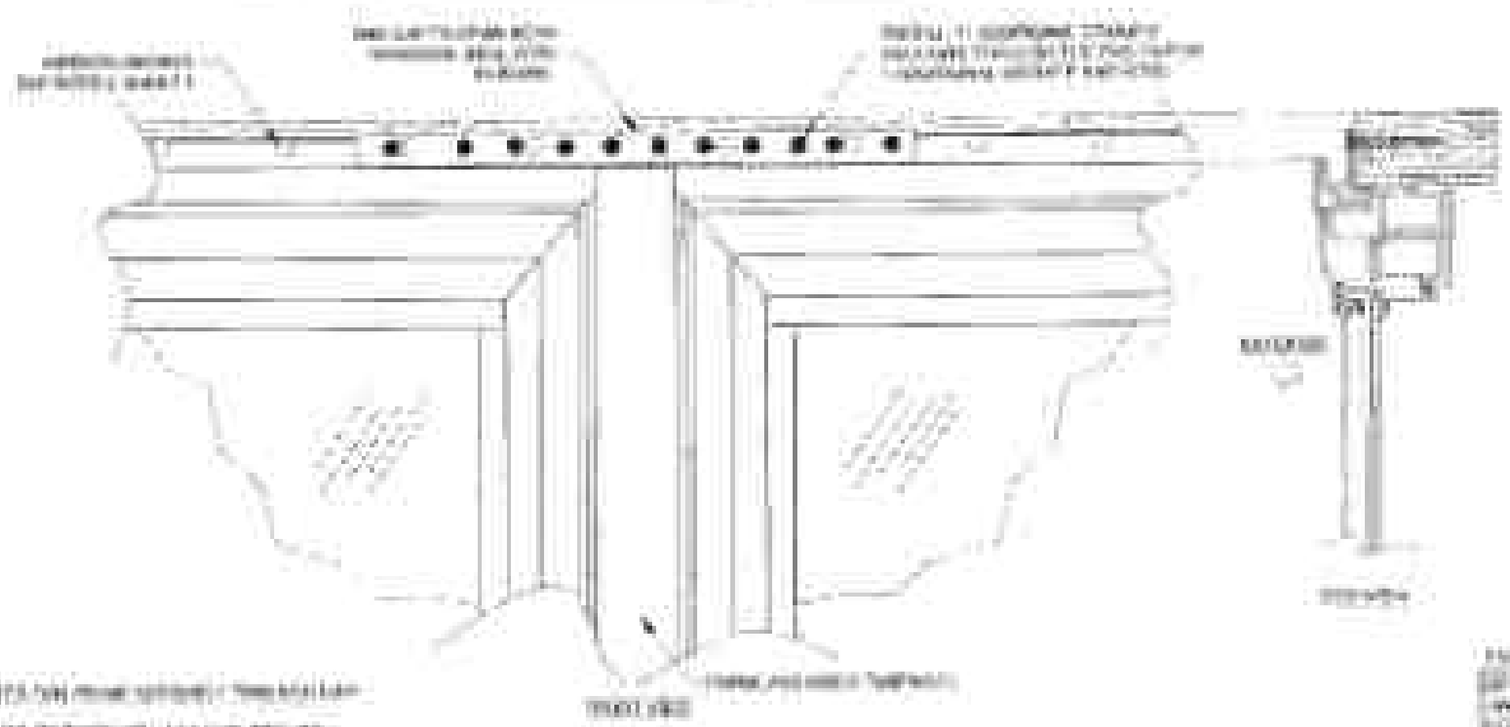


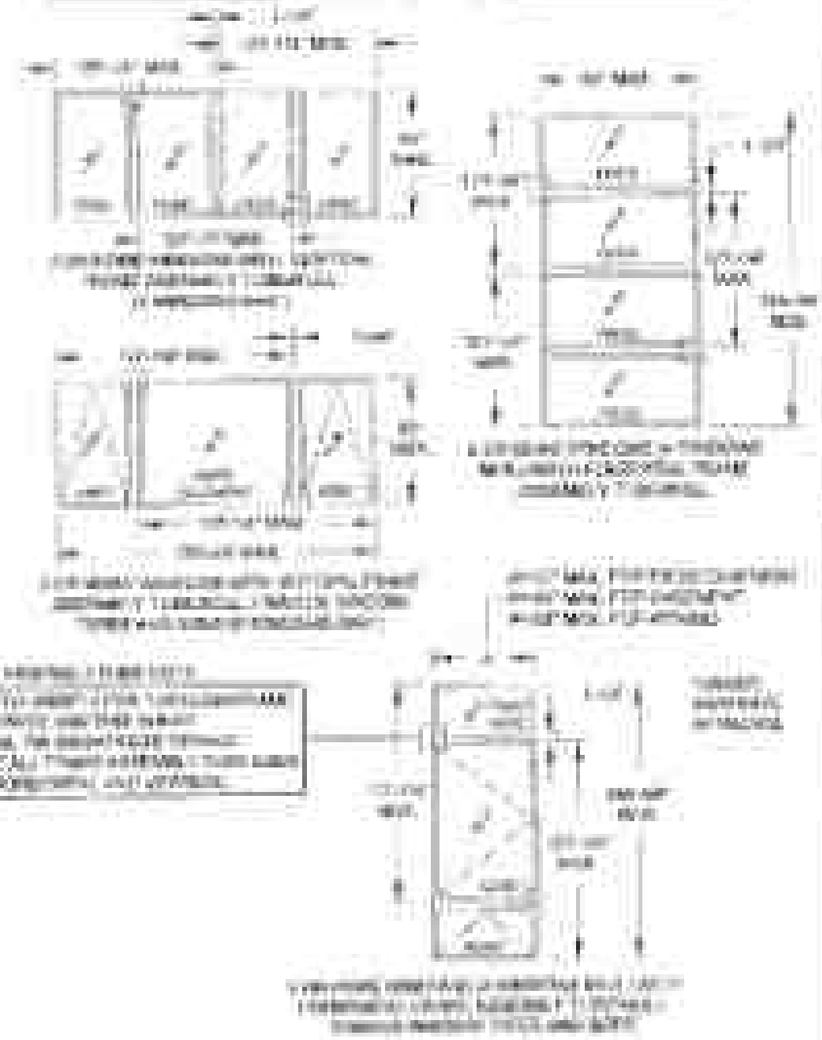


NO CHANGES THIS SHEET - JMF



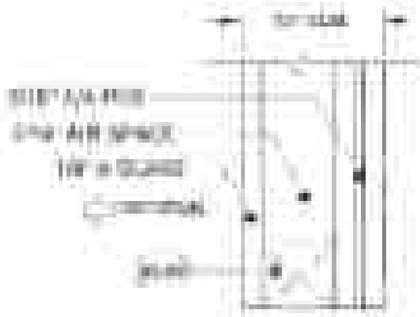
ILLUSTRATION OF END CAP USE WITH FIN AND J CHANNEL FRAMES



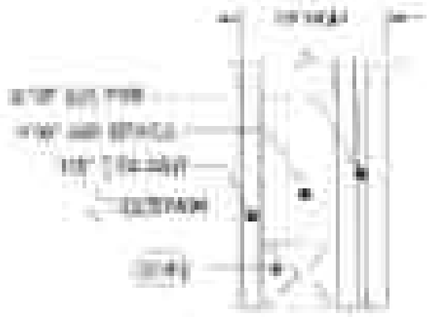




PGT		
VINYL PATIO DOOR/MT WINDOW/FIN DOOR (VPD)		09/14
PRODUCT DRAWING TITLE		
SCALE: 3		
NO CHANGES THIS SHEET - ###		
PRELIMINARY	SHEET 19 OF 19	VERSION 2



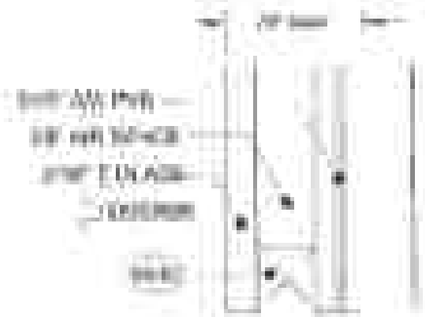
GLASS TYPE 7



GLASS TYPE 8



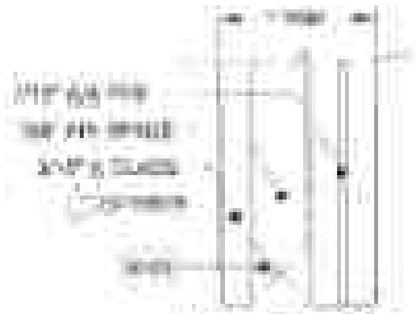
GLASS TYPE 9



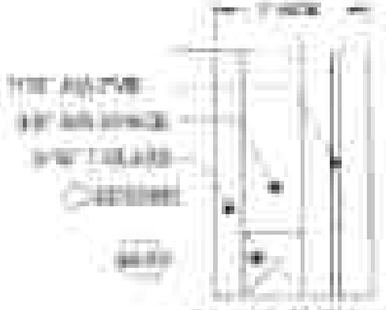
GLASS TYPE 10



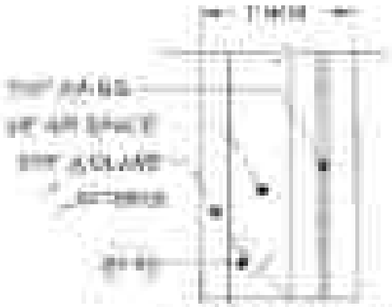
GLASS TYPE 11



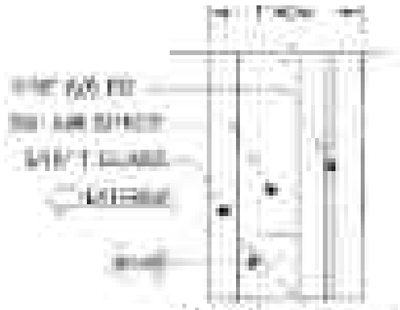
GLASS TYPE 12



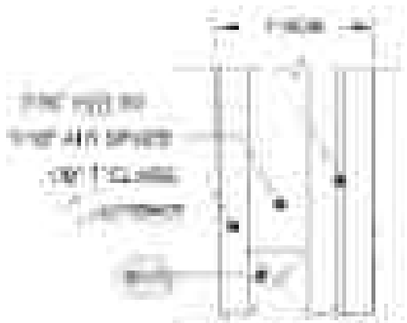
GLASS TYPE 13



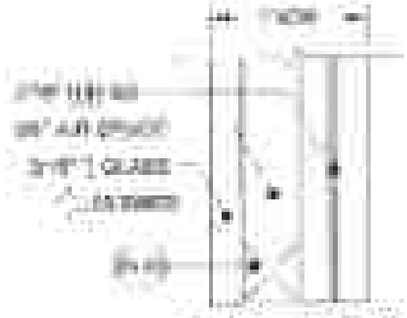
GLASS TYPE 14



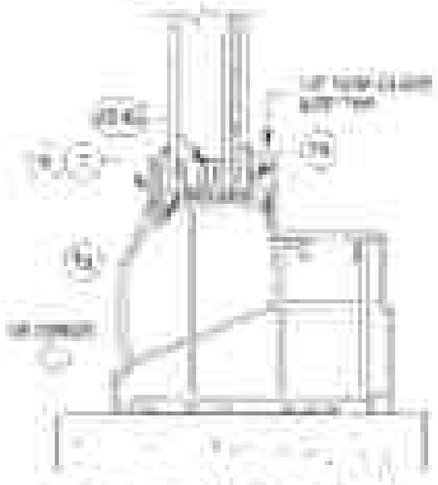
GLASS TYPE 15



GLASS TYPE 16



GLASS TYPE 17



TYP. GLAZING DETAIL

GLAZING NOTES

PGT

GLAZING DETAILS

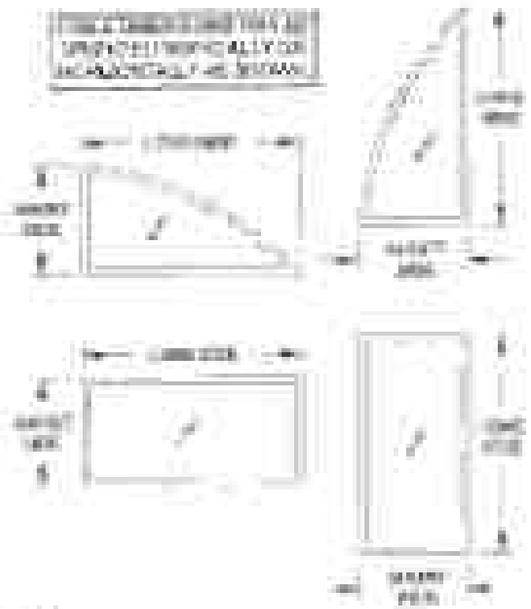
SHEET 1 OF 1

Window Design Pressure, (+/- psf)

Number of Fasteners	Fastener Spacing (in.)												

Window Design Pressure, (+/- psf)

Number of Fasteners	Fastener Spacing (in.)												





Window Design Pressure (+/- psf)

Window Dimensions													

Window Design Pressure (+/- psf)

Window Dimensions													

NOTES

PCT

Wind Uplift Design Pressure, psf (Pa)

Ultimate Design Wind Speed, 170 mph (Vult) per ASCE 7-16

Exposure Category B

Mean Roof Height (ft)

Roof Zone	15	20	25	30	35	40	45	50	55	60	65	70
1'	-17.5	-18.5	-19.2	-20.0	-20.6	-21.2	-21.7	-22.2	-22.7	-23.1	-23.5	-23.9
1	-17.5	-18.5	-19.2	-20.0	-20.6	-21.2	-21.7	-22.2	-22.7	-23.1	-23.5	-23.9
2	-26.0	-27.5	-28.6	-29.7	-30.6	-31.5	-32.3	-33.0	-33.7	-34.4	-35.0	-35.5
3	-34.8	-36.8	-38.3	-39.7	-41.0	-42.2	-43.2	-44.2	-45.1	-46.0	-46.8	-47.5
4	-17.5	-18.5	-19.2	-20.0	-20.6	-21.2	-21.7	-22.2	-22.7	-23.1	-23.5	-23.9
5	-26.0	-27.5	-28.6	-29.7	-30.6	-31.5	-32.3	-33.0	-33.7	-34.4	-35.0	-35.5
6	-34.8	-36.8	-38.3	-39.7	-41.0	-42.2	-43.2	-44.2	-45.1	-46.0	-46.8	-47.5
7	-17.5	-18.5	-19.2	-20.0	-20.6	-21.2	-21.7	-22.2	-22.7	-23.1	-23.5	-23.9
8	-26.0	-27.5	-28.6	-29.7	-30.6	-31.5	-32.3	-33.0	-33.7	-34.4	-35.0	-35.5
9	-34.8	-36.8	-38.3	-39.7	-41.0	-42.2	-43.2	-44.2	-45.1	-46.0	-46.8	-47.5
10	-17.5	-18.5	-19.2	-20.0	-20.6	-21.2	-21.7	-22.2	-22.7	-23.1	-23.5	-23.9
11	-26.0	-27.5	-28.6	-29.7	-30.6	-31.5	-32.3	-33.0	-33.7	-34.4	-35.0	-35.5
12	-34.8	-36.8	-38.3	-39.7	-41.0	-42.2	-43.2	-44.2	-45.1	-46.0	-46.8	-47.5
13	-17.5	-18.5	-19.2	-20.0	-20.6	-21.2	-21.7	-22.2	-22.7	-23.1	-23.5	-23.9
14	-26.0	-27.5	-28.6	-29.7	-30.6	-31.5	-32.3	-33.0	-33.7	-34.4	-35.0	-35.5
15	-34.8	-36.8	-38.3	-39.7	-41.0	-42.2	-43.2	-44.2	-45.1	-46.0	-46.8	-47.5
16	-17.5	-18.5	-19.2	-20.0	-20.6	-21.2	-21.7	-22.2	-22.7	-23.1	-23.5	-23.9
17	-26.0	-27.5	-28.6	-29.7	-30.6	-31.5	-32.3	-33.0	-33.7	-34.4	-35.0	-35.5
18	-34.8	-36.8	-38.3	-39.7	-41.0	-42.2	-43.2	-44.2	-45.1	-46.0	-46.8	-47.5
19	-17.5	-18.5	-19.2	-20.0	-20.6	-21.2	-21.7	-22.2	-22.7	-23.1	-23.5	-23.9
20	-26.0	-27.5	-28.6	-29.7	-30.6	-31.5	-32.3	-33.0	-33.7	-34.4	-35.0	-35.5
21	-34.8	-36.8	-38.3	-39.7	-41.0	-42.2	-43.2	-44.2	-45.1	-46.0	-46.8	-47.5
22	-17.5	-18.5	-19.2	-20.0	-20.6	-21.2	-21.7	-22.2	-22.7	-23.1	-23.5	-23.9
23	-26.0	-27.5	-28.6	-29.7	-30.6	-31.5	-32.3	-33.0	-33.7	-34.4	-35.0	-35.5
24	-34.8	-36.8	-38.3	-39.7	-41.0	-42.2	-43.2	-44.2	-45.1	-46.0	-46.8	-47.5
25	-17.5	-18.5	-19.2	-20.0	-20.6	-21.2	-21.7	-22.2	-22.7	-23.1	-23.5	-23.9
26	-26.0	-27.5	-28.6	-29.7	-30.6	-31.5	-32.3	-33.0	-33.7	-34.4	-35.0	-35.5
27	-34.8	-36.8	-38.3	-39.7	-41.0	-42.2	-43.2	-44.2	-45.1	-46.0	-46.8	-47.5
28	-17.5	-18.5	-19.2	-20.0	-20.6	-21.2	-21.7	-22.2	-22.7	-23.1	-23.5	-23.9
29	-26.0	-27.5	-28.6	-29.7	-30.6	-31.5	-32.3	-33.0	-33.7	-34.4	-35.0	-35.5
30	-34.8	-36.8	-38.3	-39.7	-41.0	-42.2	-43.2	-44.2	-45.1	-46.0	-46.8	-47.5
31	-17.5	-18.5	-19.2	-20.0	-20.6	-21.2	-21.7	-22.2	-22.7	-23.1	-23.5	-23.9
32	-26.0	-27.5	-28.6	-29.7	-30.6	-31.5	-32.3	-33.0	-33.7	-34.4	-35.0	-35.5
33	-34.8	-36.8	-38.3	-39.7	-41.0	-42.2	-43.2	-44.2	-45.1	-46.0	-46.8	-47.5
34	-17.5	-18.5	-19.2	-20.0	-20.6	-21.2	-21.7	-22.2	-22.7	-23.1	-23.5	-23.9
35	-26.0	-27.5	-28.6	-29.7	-30.6	-31.5	-32.3	-33.0	-33.7	-34.4	-35.0	-35.5
36	-34.8	-36.8	-38.3	-39.7	-41.0	-42.2	-43.2	-44.2	-45.1	-46.0	-46.8	-47.5
37	-17.5	-18.5	-19.2	-20.0	-20.6	-21.2	-21.7	-22.2	-22.7	-23.1	-23.5	-23.9
38	-26.0	-27.5	-28.6	-29.7	-30.6	-31.5	-32.3	-33.0	-33.7	-34.4	-35.0	-35.5
39	-34.8	-36.8	-38.3	-39.7	-41.0	-42.2	-43.2	-44.2	-45.1	-46.0	-46.8	-47.5
40	-17.5	-18.5	-19.2	-20.0	-20.6	-21.2	-21.7	-22.2	-22.7	-23.1	-23.5	-23.9
41	-26.0	-27.5	-28.6	-29.7	-30.6	-31.5	-32.3	-33.0	-33.7	-34.4	-35.0	-35.5
42	-34.8	-36.8	-38.3	-39.7	-41.0	-42.2	-43.2	-44.2	-45.1	-46.0	-46.8	-47.5
43	-17.5	-18.5	-19.2	-20.0	-20.6	-21.2	-21.7	-22.2	-22.7	-23.1	-23.5	-23.9
44	-26.0	-27.5	-28.6	-29.7	-30.6	-31.5	-32.3	-33.0	-33.7	-34.4	-35.0	-35.5
45	-34.8	-36.8	-38.3	-39.7	-41.0	-42.2	-43.2	-44.2	-45.1	-46.0	-46.8	-47.5
46	-17.5	-18.5	-19.2	-20.0	-20.6	-21.2	-21.7	-22.2	-22.7	-23.1	-23.5	-23.9
47	-26.0	-27.5	-28.6	-29.7	-30.6	-31.5	-32.3	-33.0	-33.7	-34.4	-35.0	-35.5
48	-34.8	-36.8	-38.3	-39.7	-41.0	-42.2	-43.2	-44.2	-45.1	-46.0	-46.8	-47.5

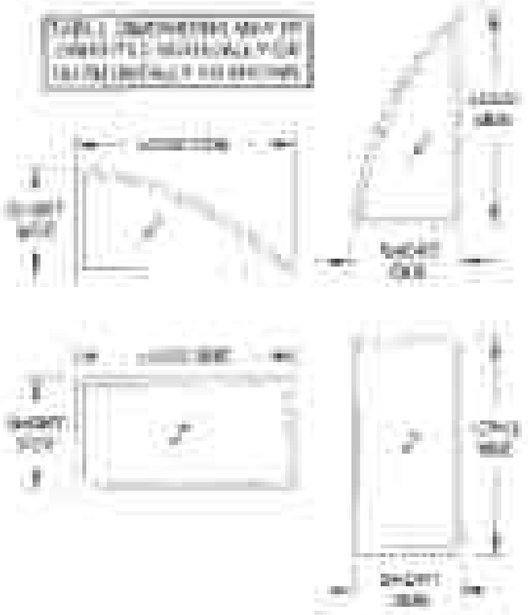
Wind Uplift Design Pressure, psf (Pa)

Ultimate Design Wind Speed, 180 mph (Vult) per ASCE 7-16

Exposure Category B

Mean Roof Height (ft)

Roof Zone	15	20	25	30	35	40	45	50	55	60	65	70
1'	-19.7	-20.9	-21.8	-22.6	-23.3	-24.0	-24.6	-25.1	-25.7	-26.1	-26.6	-27.0
1	-19.7	-20.9	-21.8	-22.6	-23.3	-24.0	-24.6	-25.1	-25.7	-26.1	-26.6	-27.0
2	-29.4	-31.1	-32.4	-33.6	-34.6	-35.6	-36.5	-37.3	-38.1	-38.9	-39.5	-40.2
3	-39.4	-41.6	-43.3	-44.9	-46.3	-47.7	-48.9	-50.0	-51.0	-52.0	-52.9	-53.7
4	-19.7	-20.9	-21.8	-22.6	-23.3	-24.0	-24.6	-25.1	-25.7	-26.1	-26.6	-27.0
5	-29.4	-31.1	-32.4	-33.6	-34.6	-35.6	-36.5	-37.3	-38.1	-38.9	-39.5	-40.2
6	-39.4	-41.6	-43.3	-44.9	-46.3	-47.7	-48.9	-50.0	-51.0	-52.0	-52.9	-53.7
7	-19.7	-20.9	-21.8	-22.6	-23.3	-24.0	-24.6	-25.1	-25.7	-26.1	-26.6	-27.0
8	-29.4	-31.1	-32.4	-33.6	-34.6	-35.6	-36.5	-37.3	-38.1	-38.9	-39.5	-40.2
9	-39.4	-41.6	-43.3	-44.9	-46.3	-47.7	-48.9	-50.0	-51.0	-52.0	-52.9	-53.7
10	-19.7	-20.9	-21.8	-22.6	-23.3	-24.0	-24.6	-25.1	-25.7	-26.1	-26.6	-27.0
11	-29.4	-31.1	-32.4	-33.6	-34.6	-35.6	-36.5	-37.3	-38.1	-38.9	-39.5	-40.2
12	-39.4	-41.6	-43.3	-44.9	-46.3	-47.7	-48.9	-50.0	-51.0	-52.0	-52.9	-53.7
13	-19.7	-20.9	-21.8	-22.6	-23.3	-24.0	-24.6	-25.1	-25.7	-26.1	-26.6	-27.0
14	-29.4	-31.1	-32.4	-33.6	-34.6	-35.6	-36.5	-37.3	-38.1	-38.9	-39.5	-40.2
15	-39.4	-41.6	-43.3	-44.9	-46.3	-47.7	-48.9	-50.0	-51.0	-52.0	-52.9	-53.7
16	-19.7	-20.9	-21.8	-22.6	-23.3	-24.0	-24.6	-25.1	-25.7	-26.1	-26.6	-27.0
17	-29.4	-31.1	-32.4	-33.6	-34.6	-35.6	-36.5	-37.3	-38.1	-38.9	-39.5	-40.2
18	-39.4	-41.6	-43.3	-44.9	-46.3	-47.7	-48.9	-50.0	-51.0	-52.0	-52.9	-53.7
19	-19.7	-20.9	-21.8	-22.6	-23.3	-24.0	-24.6	-25.1	-25.7	-26.1	-26.6	-27.0
20	-29.4	-31.1	-32.4	-33.6	-34.6	-35.6	-36.5	-37.3	-38.1	-38.9	-39.5	-40.2
21	-39.4	-41.6	-43.3	-44.9	-46.3	-47.7	-48.9	-50.0	-51.0	-52.0	-52.9	-53.7
22	-19.7	-20.9	-21.8	-22.6	-23.3	-24.0	-24.6	-25.1	-25.7	-26.1	-26.6	-27.0
23	-29.4	-31.1	-32.4	-33.6	-34.6	-35.6	-36.5	-37.3	-38.1	-38.9	-39.5	-40.2
24	-39.4	-41.6	-43.3	-44.9	-46.3	-47.7	-48.9	-50.0	-51.0	-52.0	-52.9	-53.7
25	-19.7	-20.9	-21.8	-22.6	-23.3	-24.0	-24.6	-25.1	-25.7	-26.1	-26.6	-27.0
26	-29.4	-31.1	-32.4	-33.6	-34.6	-35.6	-36.5	-37.3	-38.1	-38.9	-39.5	-40.2
27	-39.4	-41.6	-43.3	-44.9	-46.3	-47.7	-48.9	-50.0	-51.0	-52.0	-52.9	-53.7
28	-19.7	-20.9	-21.8	-22.6	-23.3	-24.0	-24.6	-25.1	-25.7	-26.1	-26.6	-27.0
29	-29.4	-31.1	-32.4	-33.6	-34.6	-35.6	-36.5	-37.3	-38.1	-38.9	-39.5	-40.2
30	-39.4	-41.6	-43.3	-44.9	-46.3	-47.7	-48.9	-50.0	-51.0	-52.0	-52.9	-53.7
31	-19.7	-20.9	-21.8	-22.6	-23.3	-24.0	-24.6	-25.1	-25.7	-26.1	-26.6	-27.0
32	-29.4	-31.1	-32.4	-33.6	-34.6	-35.6	-36.5	-37.3	-38.1	-38.9	-39.5	-40.2
33	-39.4	-41.6	-43.3	-44.9	-46.3	-47.7	-48.9	-50.0	-51.0	-52.0	-52.9	-53.7
34	-19.7	-20.9	-21.8	-22.6	-23.3	-24.0	-24.6	-25.1	-25.7	-26.1	-26.6	-27.0
35	-29.4	-31.1	-32.4	-33.6	-34.6	-35.6	-36.5	-37.3	-38.1	-38.9	-39.5	-40.2
36	-39.4	-41.6	-43.3	-44.9	-46.3	-47.7	-48.9	-50.0	-51.0	-52.0	-52.9	-53.7
37	-19.7	-20.9	-21.8	-22.6	-23.3	-24.0	-24.6	-25.1	-25.7	-26.1	-26.6	-27.0
38	-29.4	-31.1	-32.4	-33.6	-34.6	-35.6	-36.5	-37.3	-38.1	-38.9	-39.5	-40.2
39	-39.4	-41.6	-43.3	-44.9	-46.3	-47.7	-48.9	-50.0	-51.0	-52.0	-52.9	-53.7
40	-19.7	-20.9	-21.8	-22.6	-23.3	-24.0	-24.6	-25.1	-25.7	-26.1	-26.6	-27.0
41	-29.4	-31.1	-32.4	-33.6	-34.6	-35.6	-36.5	-37.3	-38.1	-38.9	-39.5	-40.2
42	-39.4	-41.6	-43.3	-44.9	-46.3	-47.7	-48.9	-50.0	-51.0	-52.0	-52.9	-53.7
43	-19.7	-20.9	-21.8	-22.6	-23.3	-24.0	-24.6	-25.1	-25.7	-26.1	-26.6	-27.0
44	-29.4	-31.1	-32.4	-33.6	-34.6	-35.6	-36.5	-37.3	-38.1	-38.9	-39.5	-40.2
45	-39.4	-41.6	-43.3	-44.9	-46.3	-47.7	-48.9	-50.0	-51.0	-52.0	-52.9	-53.7
46	-19.7	-20.9	-21.8	-22.6	-23.3	-24.0	-24.6	-25.1	-25.7	-26.1	-26.6	-27.0
47	-29.4	-31.1	-32.4	-33.6	-34.6	-35.6	-36.5	-37.3	-38.1	-38.9	-39.5	-40.2
48	-39.4	-41.6	-43.3	-44.9	-46.3	-47.7	-48.9	-50.0	-51.0	-52.0	-52.9	-53.7



NOTES

1. [illegible]

2. [illegible]

PGT

Window Design Pressures, (N/sq.m)

Window Designation	Long Elements												

Window Design Pressure (+/- psf)

Mean Roof Height	Column Width	Corner Zone 1	Corner Zone 2	Corner Zone 3	Field Zone 1	Field Zone 2	Field Zone 3
15'	10'	+19.0 / -21.0	+19.0 / -26.6	+19.0 / -32.2	+19.0 / -21.0	+19.0 / -23.9	+19.0 / -26.8
	20'	+19.0 / -21.0	+19.0 / -24.3	+19.0 / -27.6	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3
	30'	+19.0 / -21.0	+19.0 / -23.2	+19.0 / -25.4	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2
	40'	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3	+19.0 / -21.0	+19.0 / -21.8	+19.0 / -22.6
	50'	+19.0 / -21.0	+19.0 / -22.3	+19.0 / -23.6	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.3
	60'	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.1
20'	10'	+19.0 / -21.0	+19.0 / -26.6	+19.0 / -32.2	+19.0 / -21.0	+19.0 / -23.9	+19.0 / -26.8
	20'	+19.0 / -21.0	+19.0 / -24.3	+19.0 / -27.6	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3
	30'	+19.0 / -21.0	+19.0 / -23.2	+19.0 / -25.4	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2
	40'	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3	+19.0 / -21.0	+19.0 / -21.8	+19.0 / -22.6
	50'	+19.0 / -21.0	+19.0 / -22.3	+19.0 / -23.6	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.3
	60'	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.1
25'	10'	+19.0 / -21.0	+19.0 / -26.6	+19.0 / -32.2	+19.0 / -21.0	+19.0 / -23.9	+19.0 / -26.8
	20'	+19.0 / -21.0	+19.0 / -24.3	+19.0 / -27.6	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3
	30'	+19.0 / -21.0	+19.0 / -23.2	+19.0 / -25.4	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2
	40'	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3	+19.0 / -21.0	+19.0 / -21.8	+19.0 / -22.6
	50'	+19.0 / -21.0	+19.0 / -22.3	+19.0 / -23.6	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.3
	60'	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.1
30'	10'	+19.0 / -21.0	+19.0 / -26.6	+19.0 / -32.2	+19.0 / -21.0	+19.0 / -23.9	+19.0 / -26.8
	20'	+19.0 / -21.0	+19.0 / -24.3	+19.0 / -27.6	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3
	30'	+19.0 / -21.0	+19.0 / -23.2	+19.0 / -25.4	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2
	40'	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3	+19.0 / -21.0	+19.0 / -21.8	+19.0 / -22.6
	50'	+19.0 / -21.0	+19.0 / -22.3	+19.0 / -23.6	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.3
	60'	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.1
35'	10'	+19.0 / -21.0	+19.0 / -26.6	+19.0 / -32.2	+19.0 / -21.0	+19.0 / -23.9	+19.0 / -26.8
	20'	+19.0 / -21.0	+19.0 / -24.3	+19.0 / -27.6	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3
	30'	+19.0 / -21.0	+19.0 / -23.2	+19.0 / -25.4	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2
	40'	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3	+19.0 / -21.0	+19.0 / -21.8	+19.0 / -22.6
	50'	+19.0 / -21.0	+19.0 / -22.3	+19.0 / -23.6	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.3
	60'	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.1
40'	10'	+19.0 / -21.0	+19.0 / -26.6	+19.0 / -32.2	+19.0 / -21.0	+19.0 / -23.9	+19.0 / -26.8
	20'	+19.0 / -21.0	+19.0 / -24.3	+19.0 / -27.6	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3
	30'	+19.0 / -21.0	+19.0 / -23.2	+19.0 / -25.4	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2
	40'	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3	+19.0 / -21.0	+19.0 / -21.8	+19.0 / -22.6
	50'	+19.0 / -21.0	+19.0 / -22.3	+19.0 / -23.6	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.3
	60'	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.1
45'	10'	+19.0 / -21.0	+19.0 / -26.6	+19.0 / -32.2	+19.0 / -21.0	+19.0 / -23.9	+19.0 / -26.8
	20'	+19.0 / -21.0	+19.0 / -24.3	+19.0 / -27.6	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3
	30'	+19.0 / -21.0	+19.0 / -23.2	+19.0 / -25.4	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2
	40'	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3	+19.0 / -21.0	+19.0 / -21.8	+19.0 / -22.6
	50'	+19.0 / -21.0	+19.0 / -22.3	+19.0 / -23.6	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.3
	60'	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.1
50'	10'	+19.0 / -21.0	+19.0 / -26.6	+19.0 / -32.2	+19.0 / -21.0	+19.0 / -23.9	+19.0 / -26.8
	20'	+19.0 / -21.0	+19.0 / -24.3	+19.0 / -27.6	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3
	30'	+19.0 / -21.0	+19.0 / -23.2	+19.0 / -25.4	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2
	40'	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3	+19.0 / -21.0	+19.0 / -21.8	+19.0 / -22.6
	50'	+19.0 / -21.0	+19.0 / -22.3	+19.0 / -23.6	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.3
	60'	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.1
55'	10'	+19.0 / -21.0	+19.0 / -26.6	+19.0 / -32.2	+19.0 / -21.0	+19.0 / -23.9	+19.0 / -26.8
	20'	+19.0 / -21.0	+19.0 / -24.3	+19.0 / -27.6	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3
	30'	+19.0 / -21.0	+19.0 / -23.2	+19.0 / -25.4	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2
	40'	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3	+19.0 / -21.0	+19.0 / -21.8	+19.0 / -22.6
	50'	+19.0 / -21.0	+19.0 / -22.3	+19.0 / -23.6	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.3
	60'	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.1
60'	10'	+19.0 / -21.0	+19.0 / -26.6	+19.0 / -32.2	+19.0 / -21.0	+19.0 / -23.9	+19.0 / -26.8
	20'	+19.0 / -21.0	+19.0 / -24.3	+19.0 / -27.6	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3
	30'	+19.0 / -21.0	+19.0 / -23.2	+19.0 / -25.4	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2
	40'	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3	+19.0 / -21.0	+19.0 / -21.8	+19.0 / -22.6
	50'	+19.0 / -21.0	+19.0 / -22.3	+19.0 / -23.6	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.3
	60'	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.1

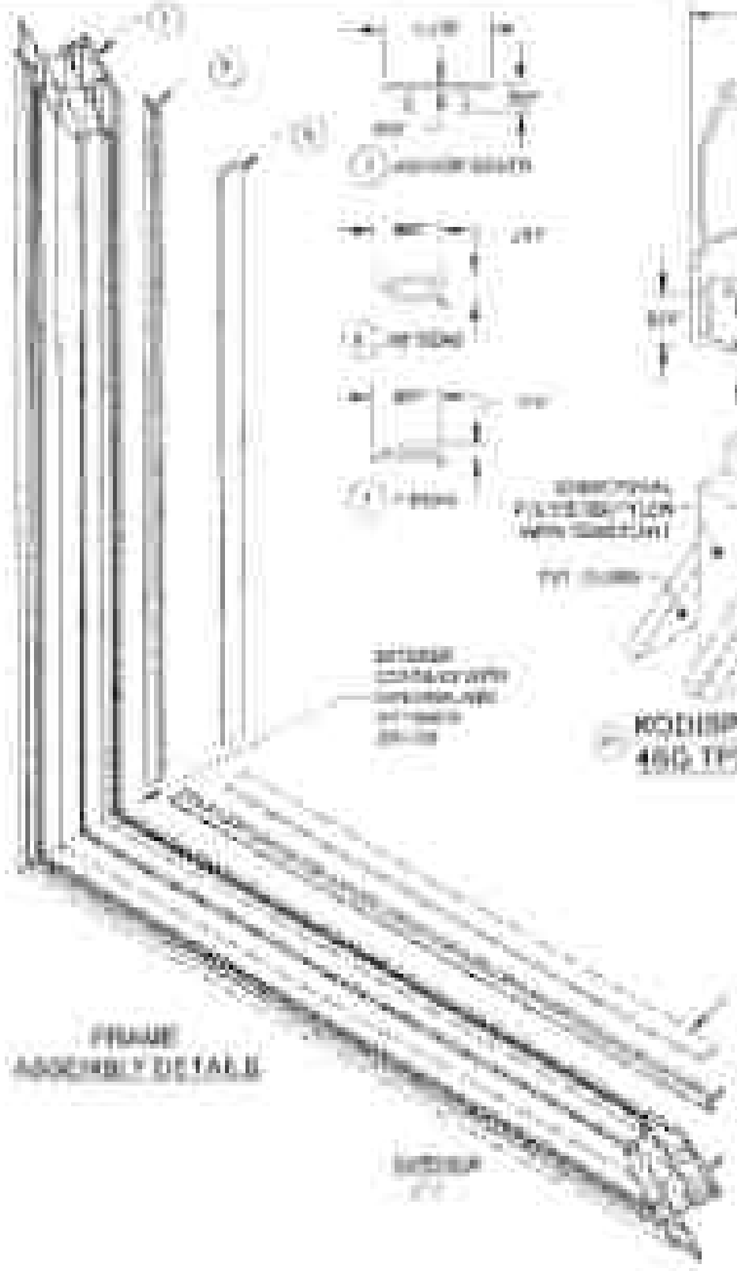




Window Design Pressure (+/- psf)

Mean Roof Height	Column Width	Corner Zone 1	Corner Zone 2	Corner Zone 3	Field Zone 1	Field Zone 2	Field Zone 3
15'	10'	+19.0 / -21.0	+19.0 / -26.6	+19.0 / -32.2	+19.0 / -21.0	+19.0 / -23.9	+19.0 / -26.8
	20'	+19.0 / -21.0	+19.0 / -24.3	+19.0 / -27.6	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3
	30'	+19.0 / -21.0	+19.0 / -23.2	+19.0 / -25.4	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2
	40'	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3	+19.0 / -21.0	+19.0 / -21.8	+19.0 / -22.6
	50'	+19.0 / -21.0	+19.0 / -22.3	+19.0 / -23.6	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.3
	60'	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.1
20'	10'	+19.0 / -21.0	+19.0 / -26.6	+19.0 / -32.2	+19.0 / -21.0	+19.0 / -23.9	+19.0 / -26.8
	20'	+19.0 / -21.0	+19.0 / -24.3	+19.0 / -27.6	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3
	30'	+19.0 / -21.0	+19.0 / -23.2	+19.0 / -25.4	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2
	40'	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3	+19.0 / -21.0	+19.0 / -21.8	+19.0 / -22.6
	50'	+19.0 / -21.0	+19.0 / -22.3	+19.0 / -23.6	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.3
	60'	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.1
25'	10'	+19.0 / -21.0	+19.0 / -26.6	+19.0 / -32.2	+19.0 / -21.0	+19.0 / -23.9	+19.0 / -26.8
	20'	+19.0 / -21.0	+19.0 / -24.3	+19.0 / -27.6	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3
	30'	+19.0 / -21.0	+19.0 / -23.2	+19.0 / -25.4	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2
	40'	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3	+19.0 / -21.0	+19.0 / -21.8	+19.0 / -22.6
	50'	+19.0 / -21.0	+19.0 / -22.3	+19.0 / -23.6	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.3
	60'	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.1
30'	10'	+19.0 / -21.0	+19.0 / -26.6	+19.0 / -32.2	+19.0 / -21.0	+19.0 / -23.9	+19.0 / -26.8
	20'	+19.0 / -21.0	+19.0 / -24.3	+19.0 / -27.6	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3
	30'	+19.0 / -21.0	+19.0 / -23.2	+19.0 / -25.4	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2
	40'	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3	+19.0 / -21.0	+19.0 / -21.8	+19.0 / -22.6
	50'	+19.0 / -21.0	+19.0 / -22.3	+19.0 / -23.6	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.3
	60'	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.1
35'	10'	+19.0 / -21.0	+19.0 / -26.6	+19.0 / -32.2	+19.0 / -21.0	+19.0 / -23.9	+19.0 / -26.8
	20'	+19.0 / -21.0	+19.0 / -24.3	+19.0 / -27.6	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3
	30'	+19.0 / -21.0	+19.0 / -23.2	+19.0 / -25.4	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2
	40'	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3	+19.0 / -21.0	+19.0 / -21.8	+19.0 / -22.6
	50'	+19.0 / -21.0	+19.0 / -22.3	+19.0 / -23.6	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.3
	60'	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.1
40'	10'	+19.0 / -21.0	+19.0 / -26.6	+19.0 / -32.2	+19.0 / -21.0	+19.0 / -23.9	+19.0 / -26.8
	20'	+19.0 / -21.0	+19.0 / -24.3	+19.0 / -27.6	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3
	30'	+19.0 / -21.0	+19.0 / -23.2	+19.0 / -25.4	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2
	40'	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3	+19.0 / -21.0	+19.0 / -21.8	+19.0 / -22.6
	50'	+19.0 / -21.0	+19.0 / -22.3	+19.0 / -23.6	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.3
	60'	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.1
45'	10'	+19.0 / -21.0	+19.0 / -26.6	+19.0 / -32.2	+19.0 / -21.0	+19.0 / -23.9	+19.0 / -26.8
	20'	+19.0 / -21.0	+19.0 / -24.3	+19.0 / -27.6	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3
	30'	+19.0 / -21.0	+19.0 / -23.2	+19.0 / -25.4	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2
	40'	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3	+19.0 / -21.0	+19.0 / -21.8	+19.0 / -22.6
	50'	+19.0 / -21.0	+19.0 / -22.3	+19.0 / -23.6	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.3
	60'	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.1
50'	10'	+19.0 / -21.0	+19.0 / -26.6	+19.0 / -32.2	+19.0 / -21.0	+19.0 / -23.9	+19.0 / -26.8
	20'	+19.0 / -21.0	+19.0 / -24.3	+19.0 / -27.6	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3
	30'	+19.0 / -21.0	+19.0 / -23.2	+19.0 / -25.4	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2
	40'	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3	+19.0 / -21.0	+19.0 / -21.8	+19.0 / -22.6
	50'	+19.0 / -21.0	+19.0 / -22.3	+19.0 / -23.6	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.3
	60'	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.1
55'	10'	+19.0 / -21.0	+19.0 / -26.6	+19.0 / -32.2	+19.0 / -21.0	+19.0 / -23.9	+19.0 / -26.8
	20'	+19.0 / -21.0	+19.0 / -24.3	+19.0 / -27.6	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3
	30'	+19.0 / -21.0	+19.0 / -23.2	+19.0 / -25.4	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2
	40'	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3	+19.0 / -21.0	+19.0 / -21.8	+19.0 / -22.6
	50'	+19.0 / -21.0	+19.0 / -22.3	+19.0 / -23.6	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.3
	60'	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.1
60'	10'	+19.0 / -21.0	+19.0 / -26.6	+19.0 / -32.2	+19.0 / -21.0	+19.0 / -23.9	+19.0 / -26.8
	20'	+19.0 / -21.0	+19.0 / -24.3	+19.0 / -27.6	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3
	30'	+19.0 / -21.0	+19.0 / -23.2	+19.0 / -25.4	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2
	40'	+19.0 / -21.0	+19.0 / -22.6	+19.0 / -24.3	+19.0 / -21.0	+19.0 / -21.8	+19.0 / -22.6
	50'	+19.0 / -21.0	+19.0 / -22.3	+19.0 / -23.6	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.3
	60'	+19.0 / -21.0	+19.0 / -22.1	+19.0 / -23.2	+19.0 / -21.0	+19.0 / -21.6	+19.0 / -22.1

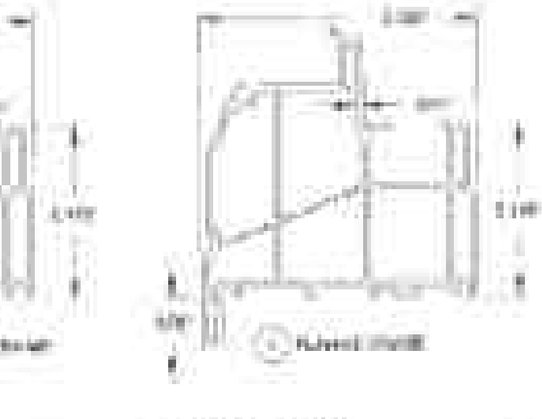




FRAME
ASSEMBLY DETAILS



KODISPACE
450 TPS



SUPER
SPACER® NXT™



DURASEAL®
SPACER



XL EDGE™
SPACER

Part #	Description	Material
60	Rectangular 4500 TPS Spacer System	See this Sheet for Materials
61	Duralite Argon Spacer (PT-4A-1 for steel B.A.)	
62	Duralite Standard Spacer	
63	Dual-Seal XL Edge Spacer	

#	Part #	Description	Material
1	201113	Interlock Frame	PVC
2	100169	Hanger Bracket	PVC
3	140301	Weather (C) Flipper	PVC
4	201140	Frame Cladding Profile	PVC
5	201114	Sash Frame	PVC
6	201115	Glazing Bead	PVC
7	140116	3/8" XL Glazing Bead	PVC
8	140114	1" XL Glazing Bead	PVC
10		Insulating Glass 7/8" (22mm) Thick Clear Low-E Argon Filled	Glass
11	210401	Locking Handle 2-7/8" x 4" x 1-5/8" Backset - Chrome	PVC
12	210405	Keeper Plate with Screws - Chrome	Metal - Chrome Finish
13	210406	Striker Plate - Chrome	Metal
14	210407	Weatherstrip	EPDM
15	210408	Interlock Reinforcement - Steel (Full Length)	Steel

NOTES:
1. GLASS SPECIFICATIONS ARE SHOWN ON DRAWING NO. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]

PGT

[illegible]

SERIES 1 FIXED CASEMENT WINDOW W/DA CLAD | SIZE M

[illegible]

PROJECT | 10 OF 10 | [illegible]