



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Windoor, Inc.
1978 Stanhome Way
Orlando, FL 32804

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series 8000 Aluminum Sliding Glass Door Corner, Pocket and Multi Track

APPROVAL DOCUMENT: Drawing No. **WIND0082**, titled "Series 8000 SGD 4'0 X 10'0 Panels LM Elevation", sheets 1 through 23 of 23, prepared by Product Technology Corporation, dated 09/13/04 with revisions "A" 12/21/04, signed and sealed by Eric S. Nielsen, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

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

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

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

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

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

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

The submitted documentation was reviewed by **Herminio F. Gonzalez, P.E., Director, BCCO**



NOA No 04-1022.01
Expiration Date: March 17, 2010
Approval Date: March 17, 2005
Page 1

Windoor, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **WIND0082**, titled "Series 8000 Pocket SGD 4'0 X 10'0 Panels LM Elevation", sheets 1 through 23 of 23, prepared by Product Technology Corporation, dated 09/13/04 with revision "A" 12/21/04, signed and sealed by Eric S. Nielsen, P.E.

B. TESTS

1. Test reports on
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94along with marked-up drawings and installation diagram of a sliding glass door, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-210-3016-1** dated 07/23/04, signed and sealed by Gerald J. Ferrara, P.E.

C. CALCULATIONS

1. Anchor Calculations, ASTM-E 1300, and structural analysis, prepared by Product Technology Corporation, dated 09/17/04, signed and sealed by Eric S. Nielsen, P.E.

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

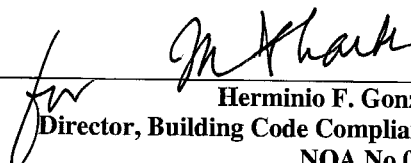
1. Notice of Acceptance No. **03-0415.13**, issued to Solutia Inc. for their "Vancea Composites used for Lamination of Glass", approved on 12/11/03 and expiring on 12/11/08.
2. Notice of Acceptance No. **01-1204.01** issued to E.I. DuPont DeNemours, for "Sentry Glass ® Plus" dated 1/17/02, expiring on 1/14/07

F. STATEMENTS

1. Statement letter of conformance and no financial interest, dated 10/14/04, signed and sealed by Eric Nielsen, P.E.

G. OTHER

1. Letter from the consultant stating that the product is in compliance with Florida Building Code (FBC).



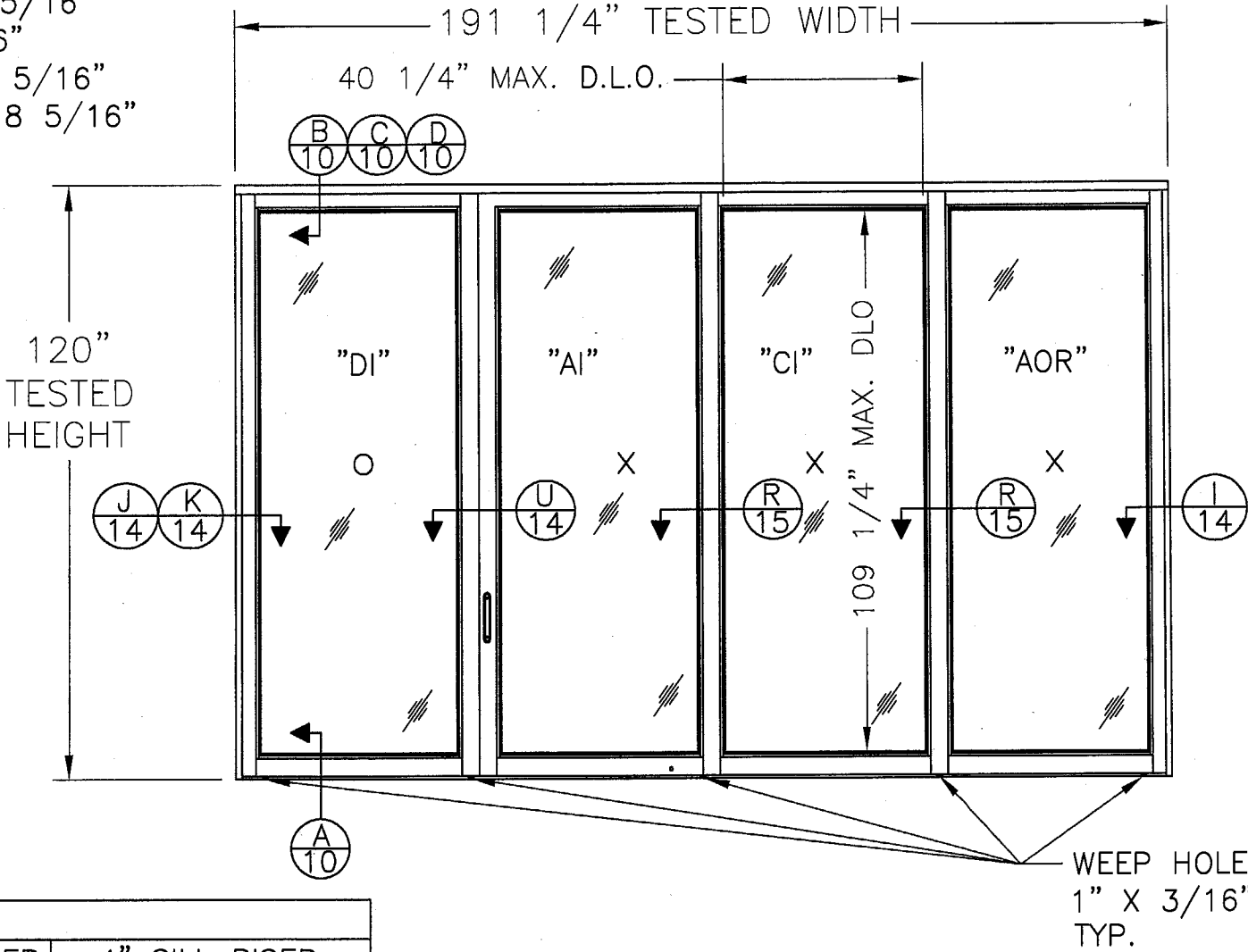
Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 04-1022.01
Expiration Date: March 17, 2010
Approval Date: March 17, 2005

GENERAL NOTES:

- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE HVHZ FLORIDA BUILDING CODE.
- 2) WOOD BUCK, STEEL OR WOOD FRAMING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE, BUCK OR FRAMING IS RESPONSIBILITY OF ARCHITECT OF RECORD.
- 3) PRODUCTS ARE APPROVED FOR USE WHERE LARGE MISSILE IMPACT RESISTANCE IS REQUIRED. IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED.
- 4) SEE APPROVED CONFIGURATION & DESIGN PRESSURE TABLE ON THIS SHEET.

8000 OXXX SLIDING GLASS DOOR

"DI" PANEL (FIXED) = 49 7/8" X 118 5/16"
"AI" PANEL (ACTIVE) = 50" X 118 5/16"
"CI" PANEL (ACTIVE) = 49 7/8" X 118 5/16"
"AOR" PANEL (ACTIVE) = 49 1/8" X 118 5/16"



APPROVED CONFIGURATION TABLE	
2 TRACK	XO, OX, XX, OXO, OXXO, XXXX, PX, XP, PXX, PXXP, PXXXXP
3 TRACK	XXX, XXO, OXX, OXXX, XXXO, XXXXXX, OXXXXO, PXXX, XXXP, PXXXXXXP
4 TRACK	XXXX, XXXO, OXXX, XXXXXXXX, OXXXXXXO, PXXXX, XXXXP, PXXXXXXXXP
ALL APPROVED CONFIGURATIONS CAN ALSO BE DONE IN 90° & 135° CONFIGURATIONS	

DESIGN PRESSURE TABLE				
PANEL SIZES	2 1/4" SILL RISER	3" SILL RISER	3 1/2" SILL RISER	4" SILL RISER
ALL 6'8" & 8'0" HIGH PANELS	+60/-100	+80/-100	+100/-100	+100/-100
24" X 108" TO 42" X 108"	+60/-100	+80/-100	+100/-100	+100/-100
48" X 108"	+60/-91	+80/-91	+91/-91	+91/-91
24" X 120" TO 36" X 120"	+60/-100	+80/-100	+100/-100	+100/-100
42" X 120"	+60/-89	+80/-89	+89/-89	+89/-89
48" X 120"	+60/-80	+80/-80	+80/-80	+80/-80

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1 TO 5	ELEVATION & GENERAL NOTES
6 TO 9	ANCHORING DETAILS
10 & 13	VERTICAL CROSS SECTIONS
14 TO 19	HORIZONTAL CROSS SECTIONS
20	GLAZING DETAILS
21	BILL OF MATERIALS
22 & 23	COMPONENTS

A	PER DADE LETTER 12-03-04	12/21/04	BB
SYM	REVISION	DATE	BY

1/29/05
Eric S. Nielsen
Florida P. E. No. 41323
Product Technology Corporation
1150 Louisiana Ave., Suite 6
Winter Park, Florida 32789
FBPE Certificate of Authorization NO. 8881

WINDOOR, INC.
1978 STANHOME WAY ORLANDO, FL 32804

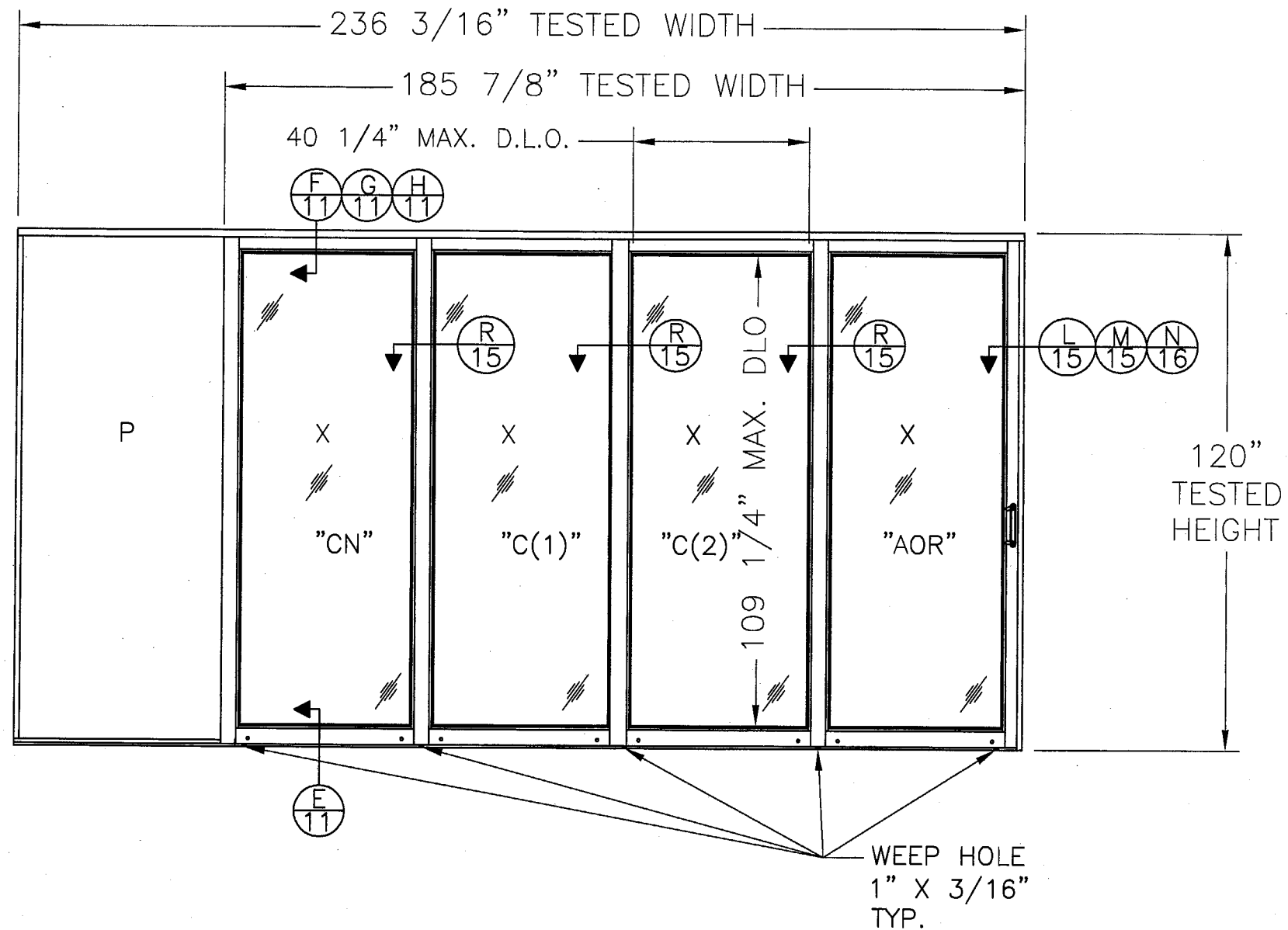
TITLE: SERIES 8000 SGD 4'0 X 10'0 PANELS LM
ELEVATION, GENERAL NOTES & DESIGN PRESSURES

PREPARED BY: Product Technology Corporation

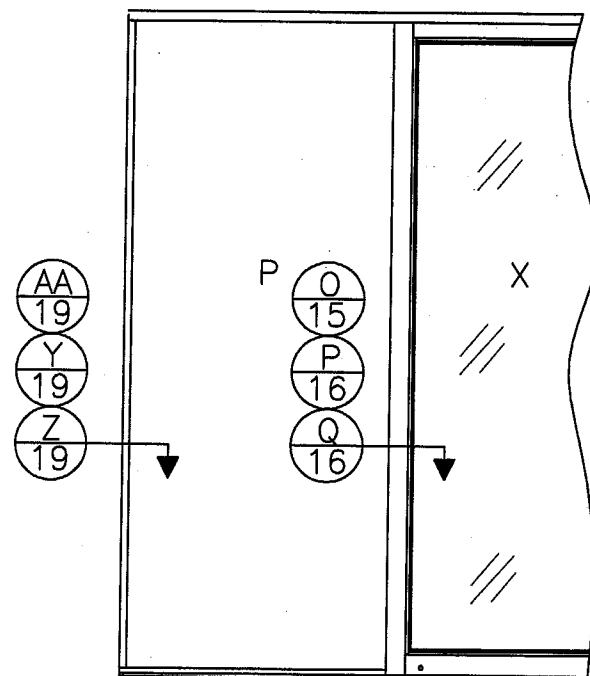
DRN: BB DATE: 09/13/04
SCALE: NTS DWG. NO: WIND0082
REV: A SHEET: 1 OF 23

Phone 407.622.6334 Fax 407.622.6335

Approved as complying with the
Florida Building Code
Date 03/12/05
NOA# 04-102261
Miami-Dade Product Control
Division
By:



8000 XXXX POCKET SLIDING GLASS DOOR
 "CN" PANEL (ACTIVE) = 49 3/8" X 118 5/16"
 "C(1)" PANEL (ACTIVE) = 49 3/8" X 118 5/16"
 "C(2)" PANEL (ACTIVE) = 49 3/8" X 118 5/16"
 "AOR" PANEL (ACTIVE) = 49 1/8" X 118 5/16"



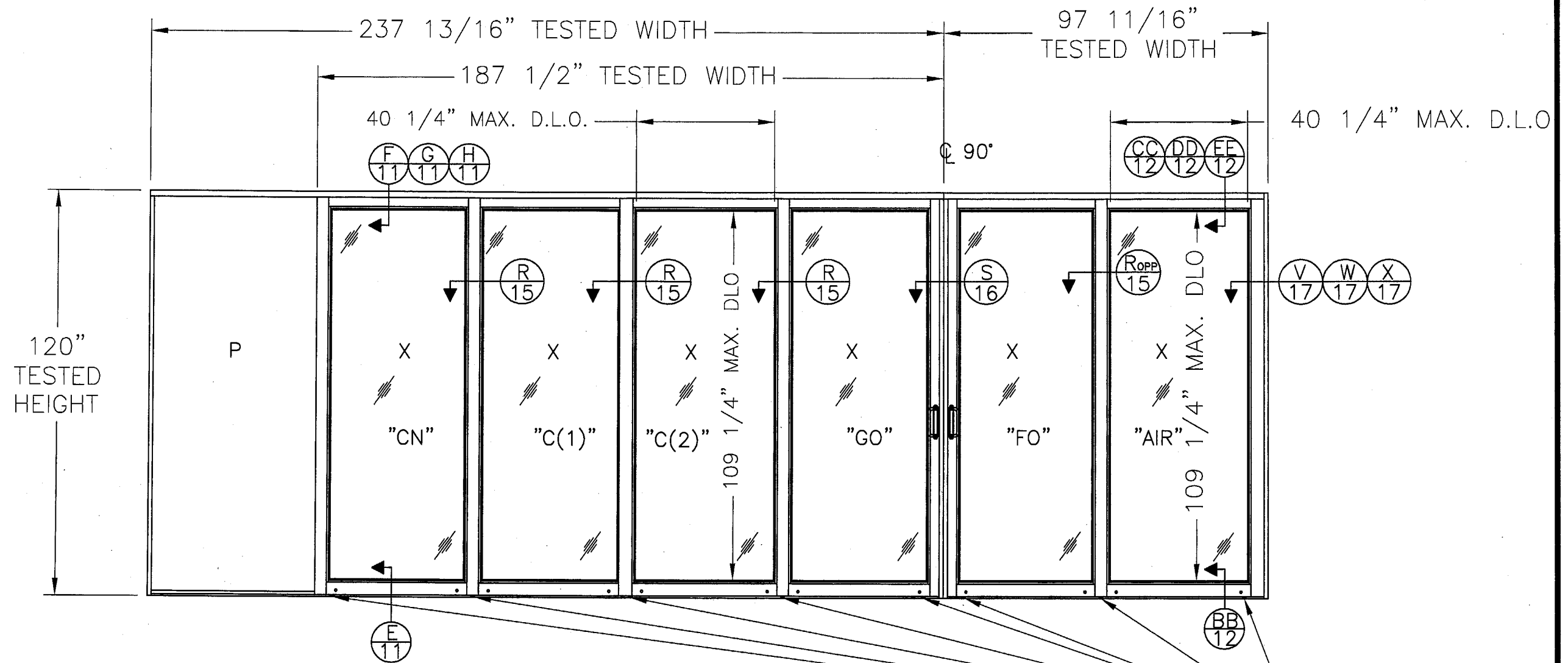
8000 POCKET PARTIAL ELEVATION

Approved as complying with the
 Florida Building Code
 Date 03/13/05
 NOAH 04-1022-01
 Miami-Dade Product Control
 Division
 By [Signature]

SYM	REVISION	DATE	BY
A	PER DADE LETTER 12-03-04	12/21/04	BB

[Signature]
 1/24/05
 Eric S. Nielsen
 Florida P. E. No. 41323
 Product Technology Corporation
 1150 Louisiana Ave., Suite 6
 Winter Park, Florida 32789
 FBPE Certificate of Authorization NO. 8681

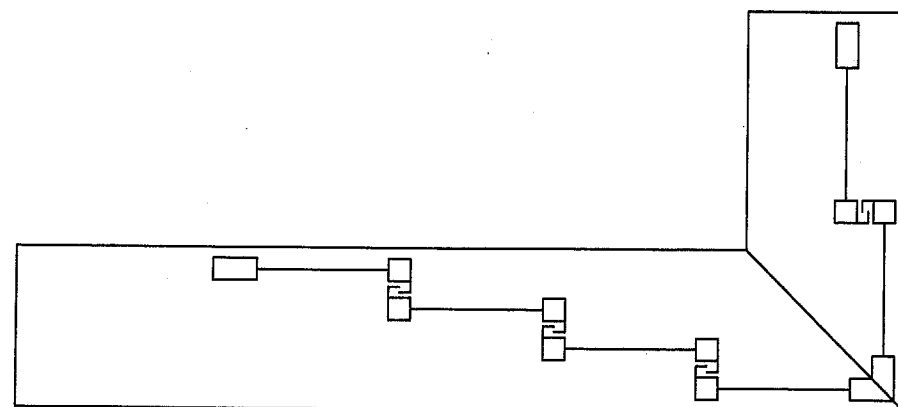
WINDOOR, INC. 1978 STANHOME WAY ORLANDO, FL 32804	
TITLE: SERIES 8000 POCKET SGD LARGE MISSILE ELEVATION 4'0 X 10'0 PANELS	
PREPARED BY: PTC Product Technology Corporation	DRN: BB SCALE: NTS REV: A
DATE: 03/13/04 DWG. NO: WIND0082 SHEET: 2 OF 23	



8000 XXXX/XX 90° POCKET SLIDING GLASS DOOR

- "CN" PANEL (ACTIVE) = 49 1/2" X 118 5/16"
- "C(1)" PANEL (ACTIVE) = 49 1/2" X 118 5/16"
- "C(2)" PANEL (ACTIVE) = 49 1/2" X 118 5/16"
- "AIR" PANEL (ACTIVE) = 49 1/2" X 118 5/16"
- "FO" PANEL (ACTIVE) = 50 1/4" X 118 5/16"
- "GO" PANEL (ACTIVE) = 50 1/4" X 118 5/16"

WEEP HOLE
1" X 3/16"
TYP.



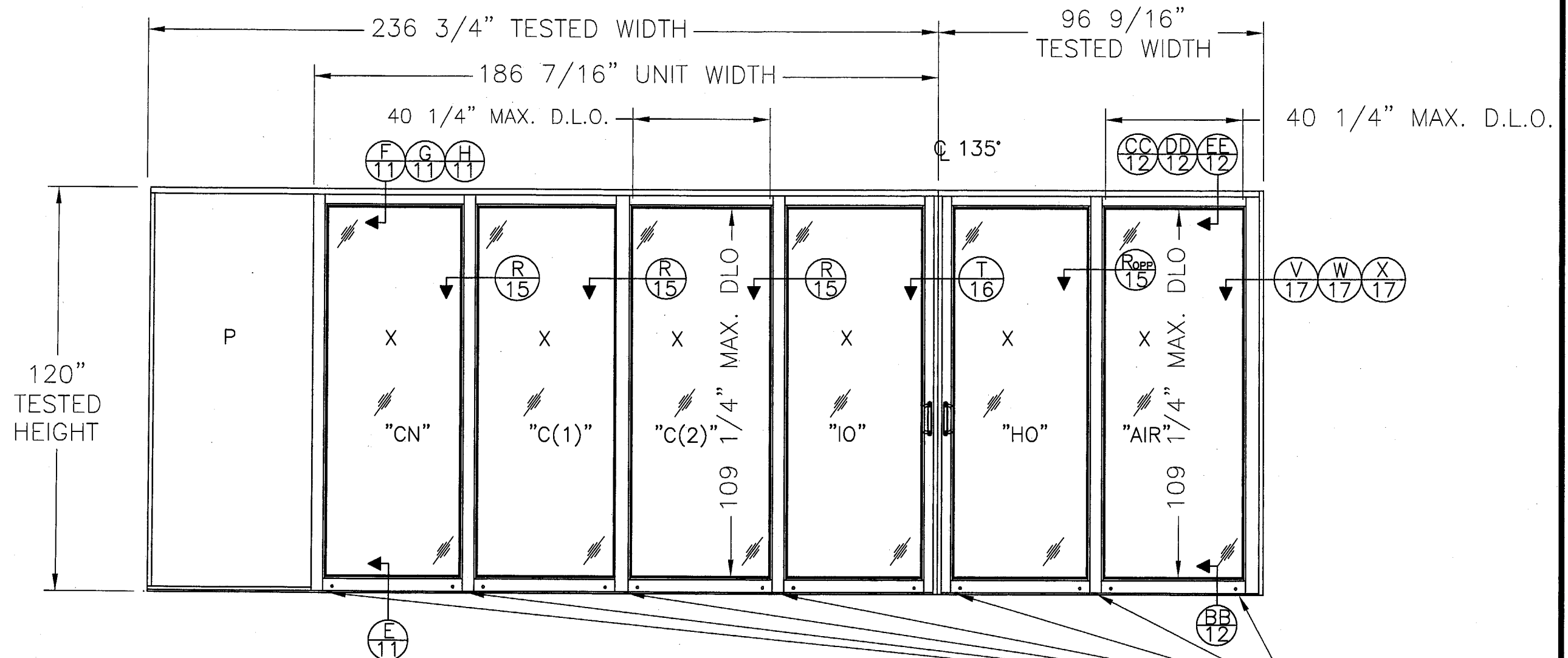
**8000 XXXX/XX 90° POCKET SLIDING GLASS DOOR
PLAN VIEW**

Approved as complying with the
Florida Building Code
Date 03/13/05
NOAR 04-1022.01
Miami Dade Product Control
Division
By M. Shark

A	PER DADE 12-03-04	12/21/04	BB
SYM	REVISION	DATE	BY

ESN
1/24/05
Eric S. Nielsen
Florida P. E. No. 41323
Product Technology Corporation
1150 Louisiana Ave., Suite 6
Winter Park, Florida 32789
FBPE Certificate of Authorization NO. 8881

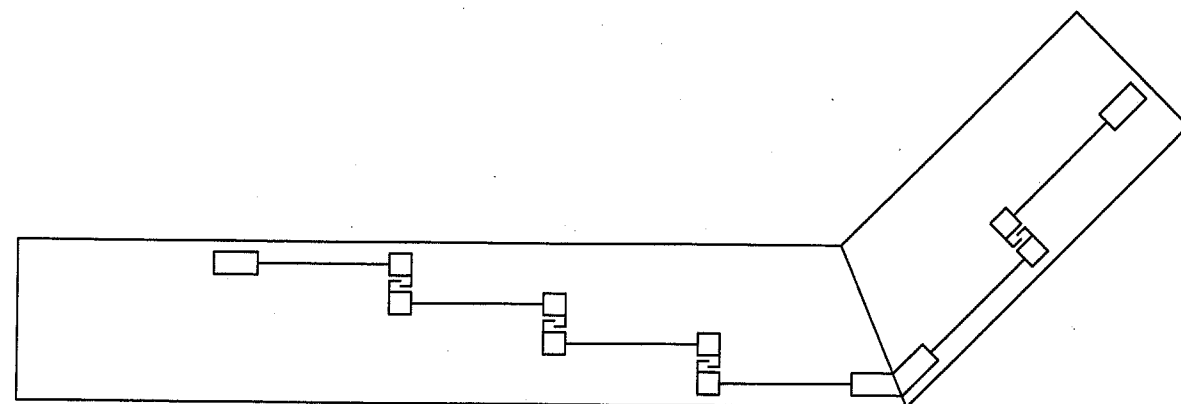
WINDOOR, INC.	
1978 STANHOME WAY ORLANDO, FL 32804	
TITLE: SERIES 8000 90 DEGREE SGD LARGE MISSILE ELEVATION 4'0 X 10'0 PANELS	
PREPARED BY: PTC Product Technology Corporation	DRN: BB DATE: 09/13/04
SCALE: NTS	DWG. NO: WIND0082
REV: A	SHEET: 3 OF 23
Phone 407.622.6334 Fax 407.622.6335	



WEEP HOLES
1" X 3/16" TYP.

8000 XXXX/XX 135° POCKET SLIDING GLASS DOOR

"CNO" PANEL (ACTIVE) = 49 1/2" X 118 5/16"
 "C(1)" PANEL (ACTIVE) = 49 1/2" X 118 5/16"
 "C(2)" PANEL (ACTIVE) = 49 1/2" X 118 5/16"
 "IO" PANEL (ACTIVE) = 50 1/4" X 118 5/16"
 "HO" PANEL (ACTIVE) = 50 1/4" X 118 5/16"
 "AIR" PANEL (ACTIVE) = 49 1/2" X 118 5/16"



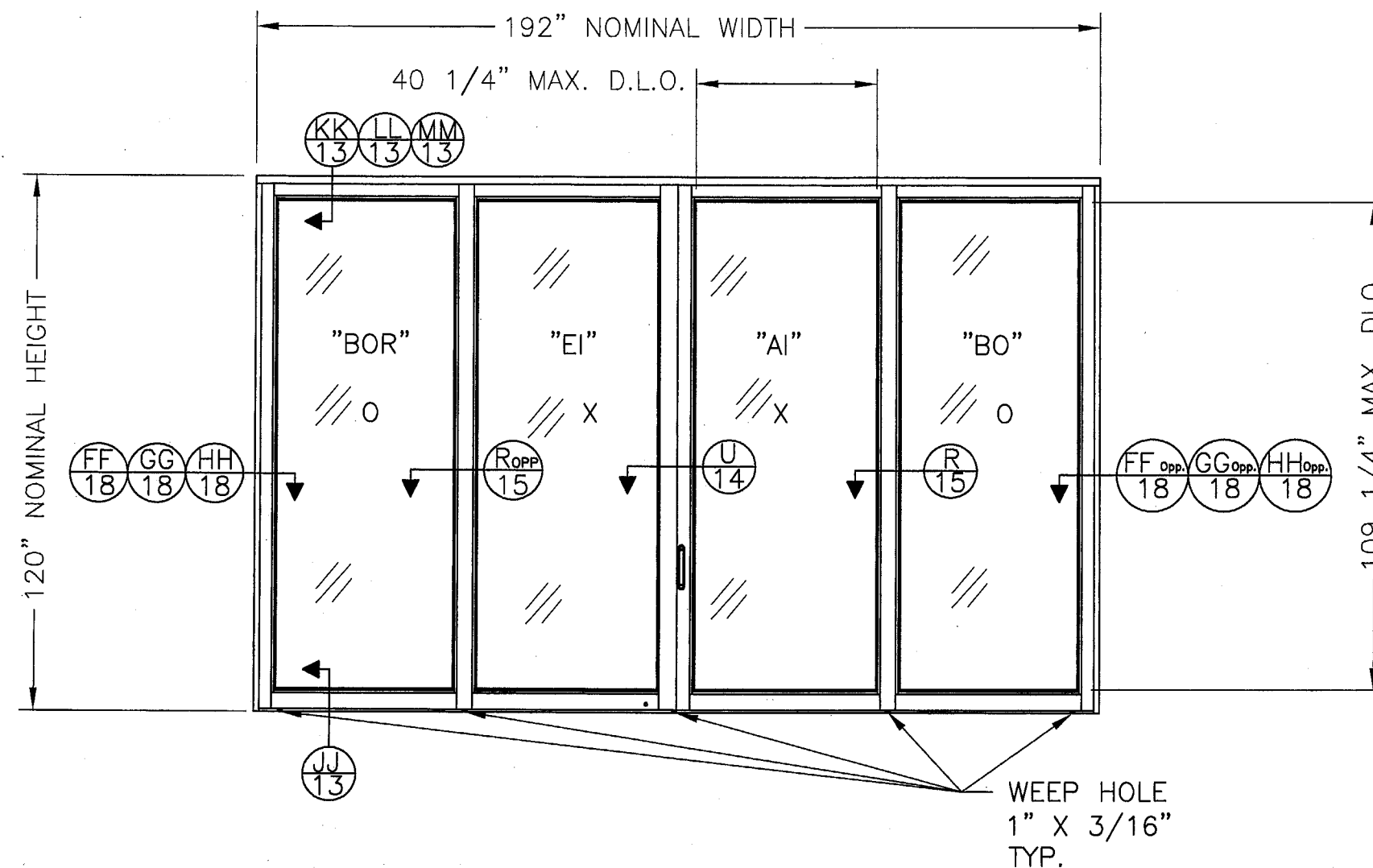
8000 XXXX/XX 135° POCKET SLIDING GLASS DOOR
PLAN VIEW

Approved as complying with the
Florida Building Code
Date 03/13/05
NOAH 04-1022-01
Miami Dade Product Control
Division
By Ch Khau

SYM	REVISION	DATE	BY
A	PER DADE LETTER 12-03-04	12/21/04	BB

ESN
1/24/05
Eric S. Nielsen
Florida P. E. No. 41323
Product Technology Corporation
1150 Louisiana Ave., Suite 6
Winter Park, Florida 32789
FBPE Certificate of Authorization NO. 8581

WINDOOR, INC.
1978 STANHOME WAY ORLANDO, FL 32804
TITLE: SERIES 8000 135 DEGREE POCKET SGD LM
ELEVATION 4'0 X 10'0 PANELS
PREPARED BY: **PTC** Product Technology Corporation
DRN: BB DATE: 09/13/04
SCALE: NTS DWG. NO: WIND0082
REV: A SHEET: 4 OF 23
Phone 407.622.6334 Fax 407.622.6335



8000 OXXO SLIDING GLASS DOOR

"BOR" PANEL (FIXED) = 49-1/2" X 118-5/16"

"EI" PANEL (ACTIVE) = 50-1/4" X 118-5/16"

"AI" PANEL (ACTIVE) = 49-1/2" X 118-5/16"

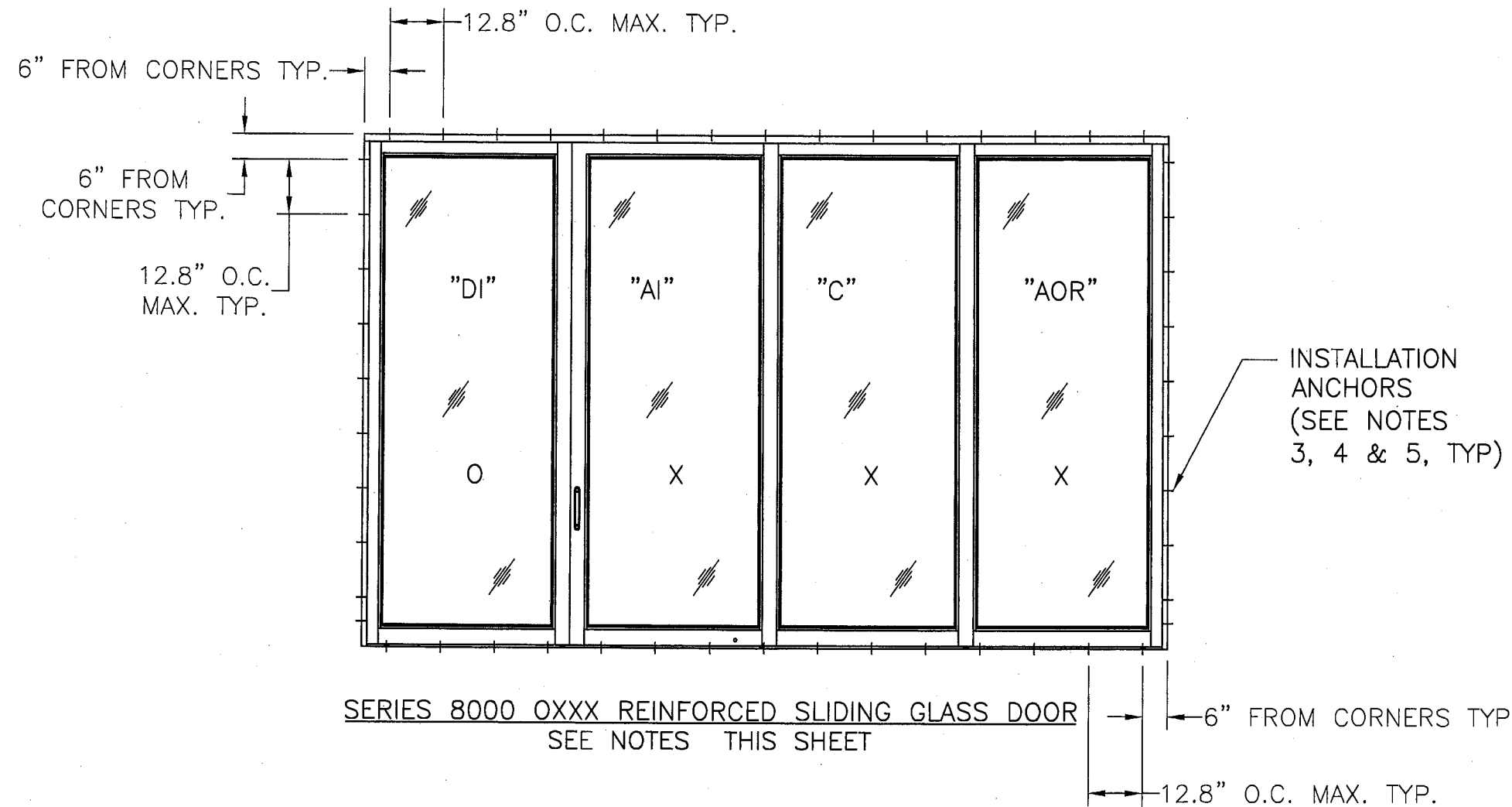
"BO" PANEL (FIXED) = 49-1/2" X 118-5/16"

Approved as complying with the
Florida Building Code
Date 03/13/05
NOAH 04-1022.01
Miami Dade Product Control
Division
By M. Hark

SYM	REVISION	DATE	BY
A	PER DADE LETTER 12-03-04	12/21/04	BB

ESN
1/24/05
Eric S. Nielsen
Florida P. E. No. 41323
Product Technology Corporation
1150 Louisiana Ave., Suite 6
Winter Park, Florida 32789
FBPE Certificate of Authorization NO. 8681

WINDOOR, INC.
1978 STANHOME WAY ORLANDO, FL 32804
TITLE: SERIES 8000 SGD LARGE MISSILE
ELEVATION 4'0 X 10'0 PANELS
PREPARED BY: **PTC** Product Technology Corporation
DRN: BB DATE: 09/13/04
SCALE: NTS DWG. NO: WIND0082
REV: A SHEET: 5 OF 23
Phone 407.622.6334 Fax 407.622.6335



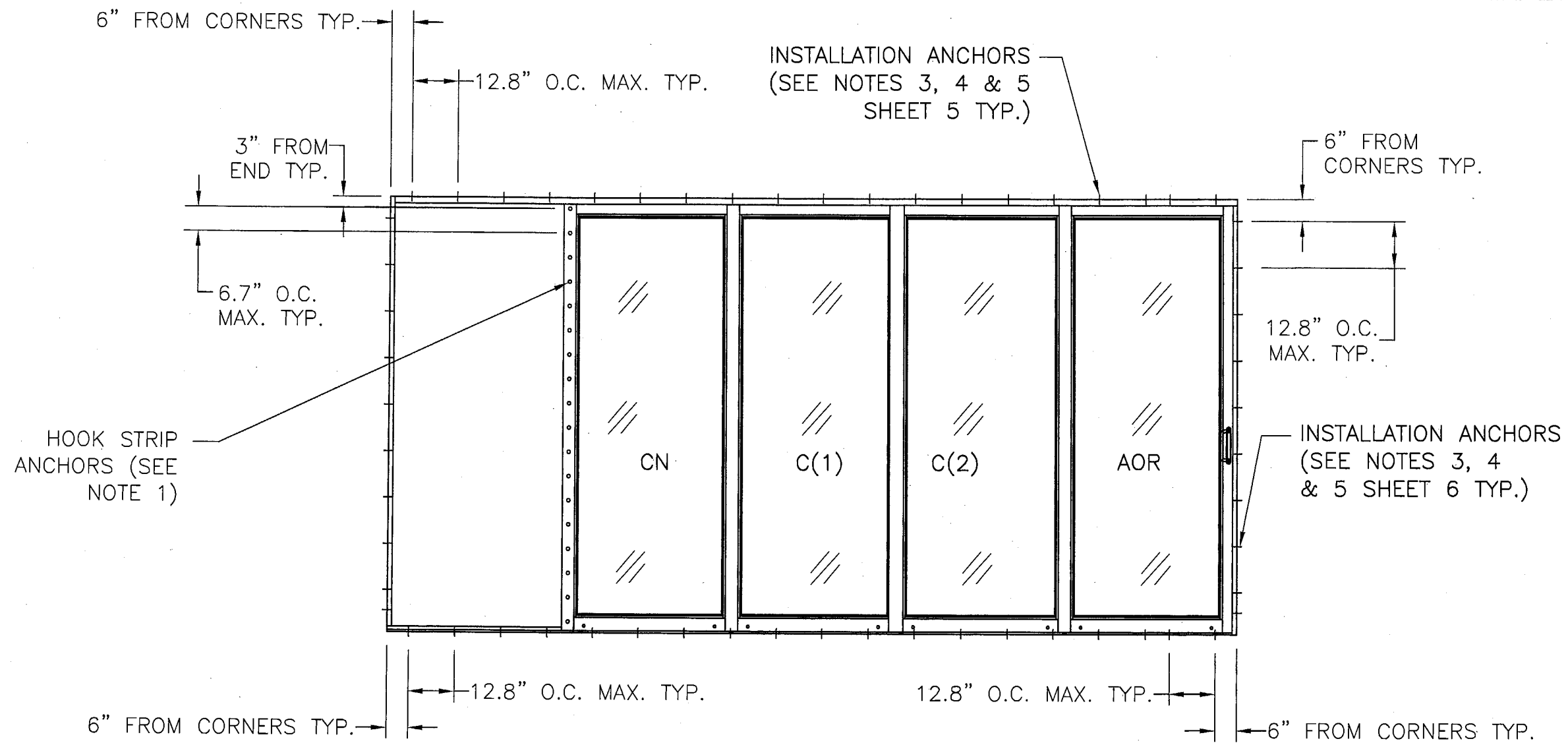
INSTALLATION NOTES:

- 1) SHIM AS REQ'D. AT EA. SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT.
- 2) ON 2 TRACK FRAME TWO (2) ANCHORS ARE REQUIRED AT EACH ANCHOR LOCATION SHOWN.
ON 3 TRACK FRAME THREE (3) ANCHORS ARE REQUIRED AT EACH ANCHOR LOCATION SHOWN.
ON 4 TRACK FRAME FOUR (4) ANCHORS ARE REQUIRED AT EACH ANCHOR LOCATION SHOWN.
POCKET DOOR HOOK STRIPS REQUIRE ONE (1) ANCHOR AT EACH ANCHOR LOCATION SHOWN.
- 3) CONCRETE OR MASONRY SUBSTRATE WHERE ONE BY, NON-STRUCTURAL, WOOD BUCKING IS EMPLOYED, USE 1/4" DIA. RAWL TAPPER TYPE CONCRETE SCREW ANCHORS OF SUFFICIENT LENGTH TO ACHIEVE MIN. OF 1 1/4" INTO CONCRETE OR MASONRY.
- 4) WOOD FRAME SUBSTRATE, USE #16 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE MIN. EMBEDMENT OF 1 3/4" INTO WOOD FRAMING.
- 5) STEEL STUD FRAMING, USE #14 SELF TAPPING SHEET METAL SCREW OF SUFFICIENT LENGTH TO PENETRATE BEYOND THE STEEL STUD FRAMING A MIN. OF THREE PITCHES OF THREAD.

Approved as complying with the
Florida Building Code
Date 03/13/05
NOAH 04-1022.01
Miami Dade Product Control
Division
By Mr. Thall

A	PER DADE LETTER 12-03-04	12-21-04	BB
SYM	REVISION	DATE	BY

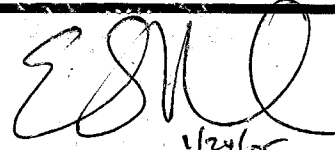
 Eric S. Nielsen Florida P. E. No. 41323 Product Technology Corporation 1150 Louisiana Ave., Suite 6 Winter Park, Florida 32789 FBPE Certificate of Authorization NO. 8681		WINDOOR, INC. 1978 STANHOME WAY ORLANDO, FL 32804	
		TITLE: SERIES 8000 SGD LARGE MISSILE ANCHORING DETAILS 4'0 X 10'0 PANELS	
PREPARED BY: Product Technology Corporation		DRN: BB SCALE: NTS REV. LETTER: A	DATE: 09/13/04 DWG. NO: WIND0082 SHEET: 6 OF 23
Phone 407.622.6334 Fax 407.622.6335			



SERIES 8000 XXXX REINFORCED POCKET SLIDING GLASS DOOR
SEE NOTES SHEET 6

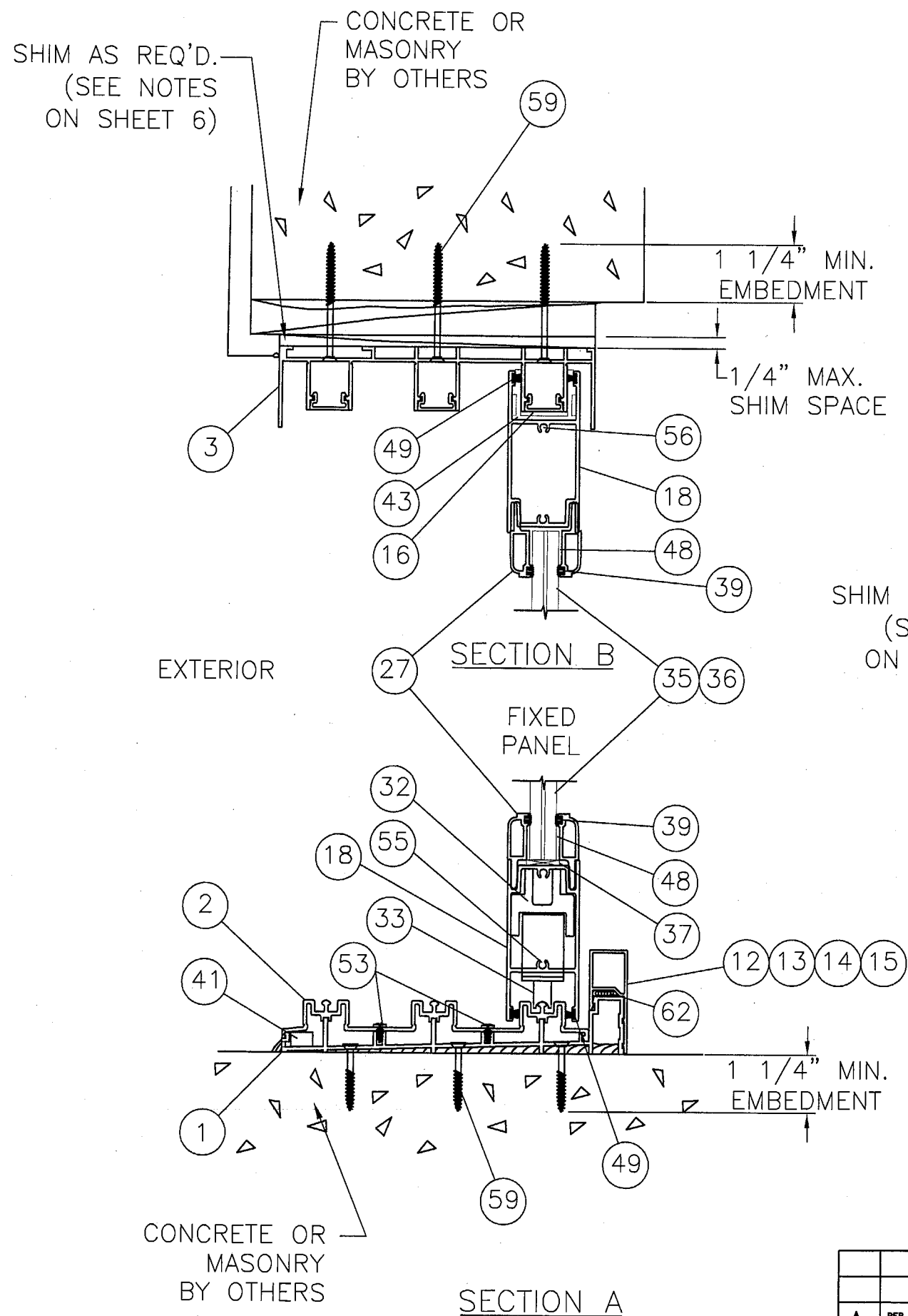
- NOTE:
- 1) PLACE HOOK STRIP ANCHORS 3" FROM ENDS AND 6.7" O.C. MAX. THEREAFTER.

A	PER DADE LETTER 12-03-04	12-21-04	BB
SYM	REVISION	DATE	BY


 1/24/05
 Eric S. Nielsen
 Florida P. E. No. 41323
 Product Technology Corporation
 1150 Louisiana Ave., Suite 6
 Winter Park, Florida 32789
 FBPE Certificate of Authorization NO. 8681

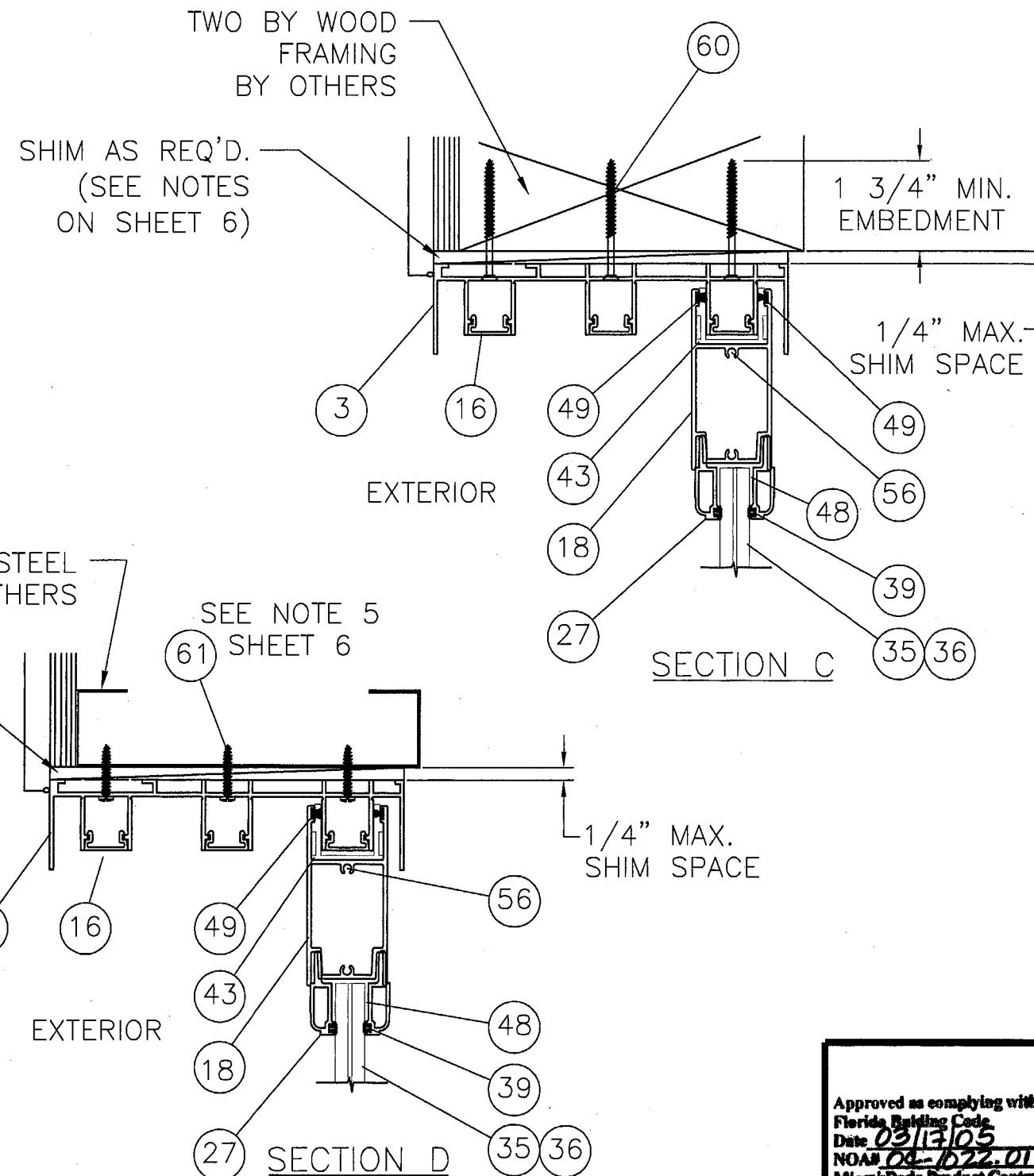
WINDOOR, INC. 1978 STANHOME WAY ORLANDO, FL 32804			
TITLE: SERIES 8000 POCKET SGD LARGE MISSILE ANCHORING DETAILS 4'0 x 10'0 PANELS			
PREPARED BY:  Product Technology Corporation		DRN: BB	DATE: 09/13/04
Phone 407.622.6334 Fax 407.622.6335		SCALE: NTS	DWG. NO: WIND0082
		REV. LETTER: A	SHEET: 8 OF 23

Approved as complying with the
 Florida Building Code
 Date 03/13/05
 NOA# 04-1022-01
 Miami Dade Product Control
 Division
 By [Signature]



20 GA. TWO BY STEEL
FRAMING BY OTHERS

SHIM AS REQ'D.
(SEE NOTES
ON SHEET 6)

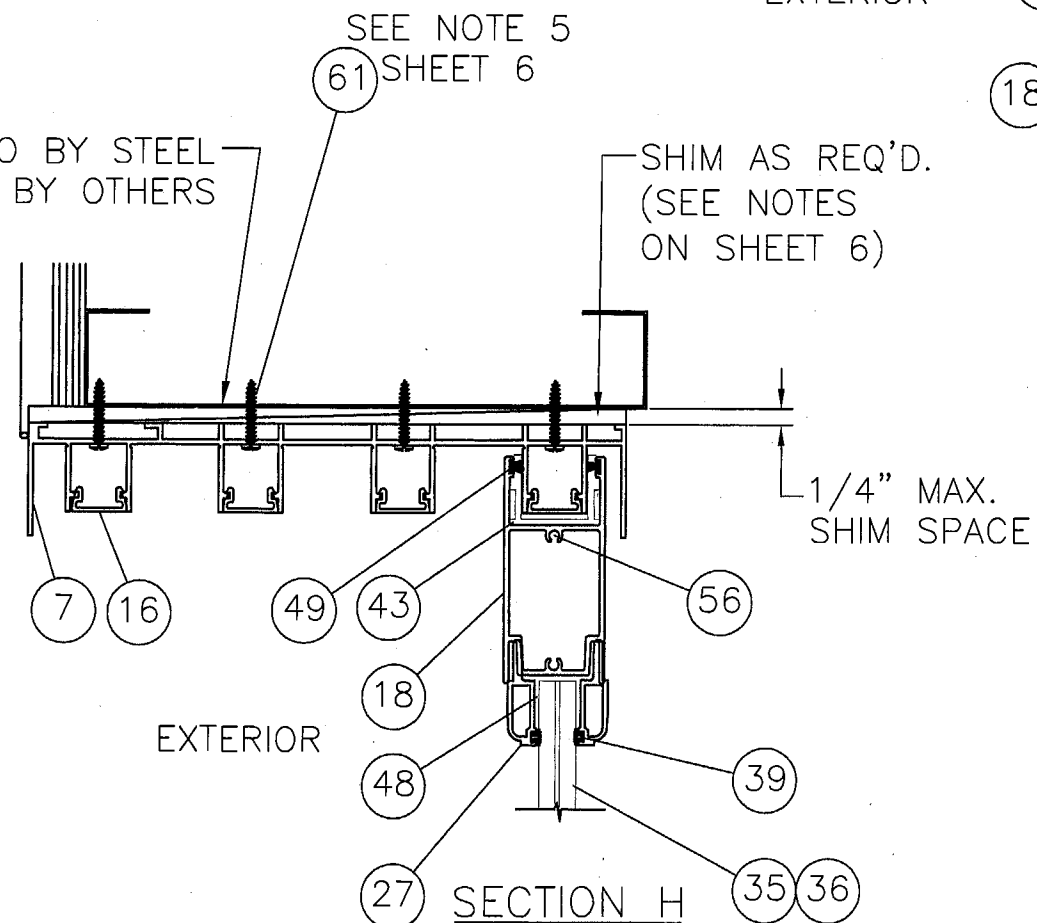
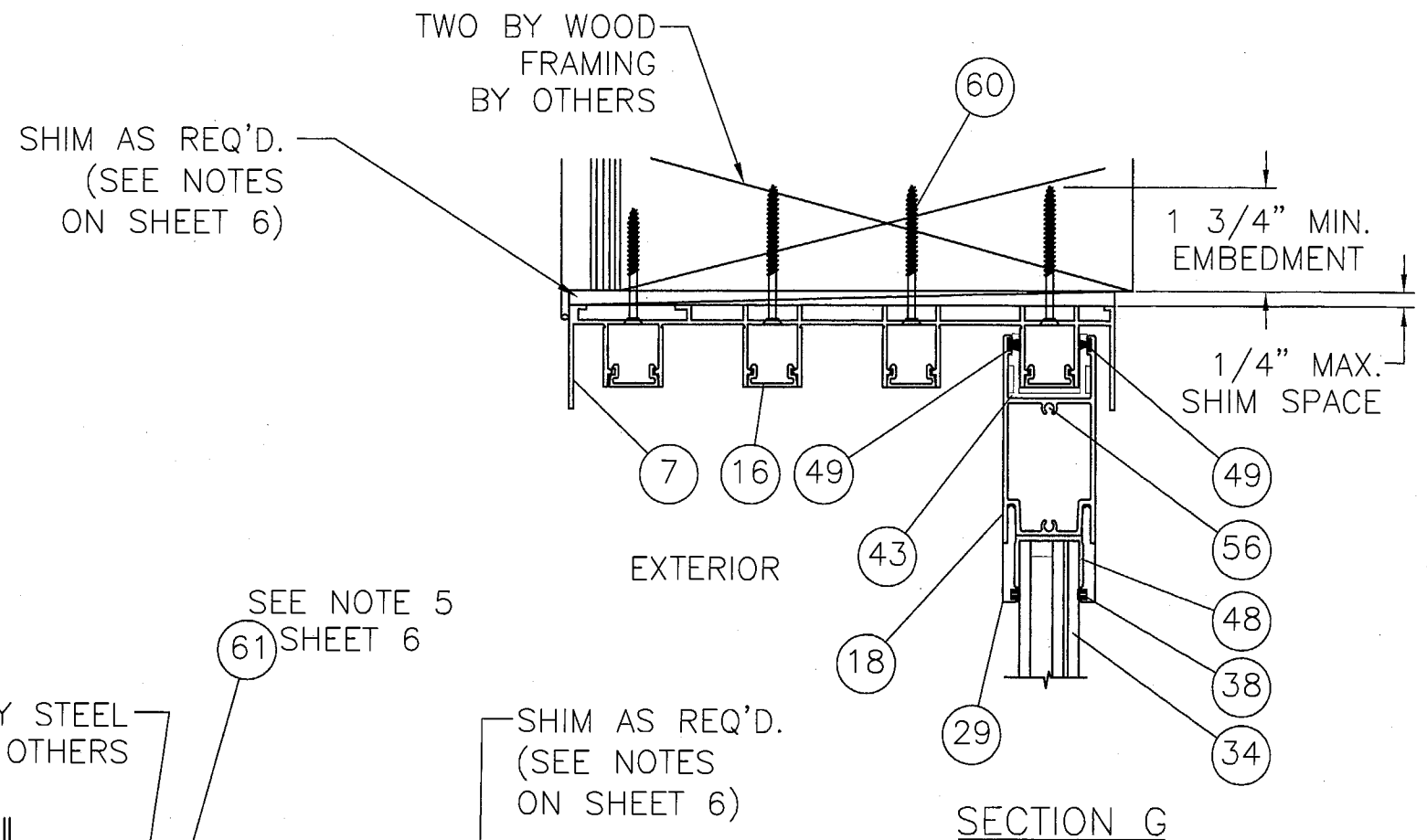
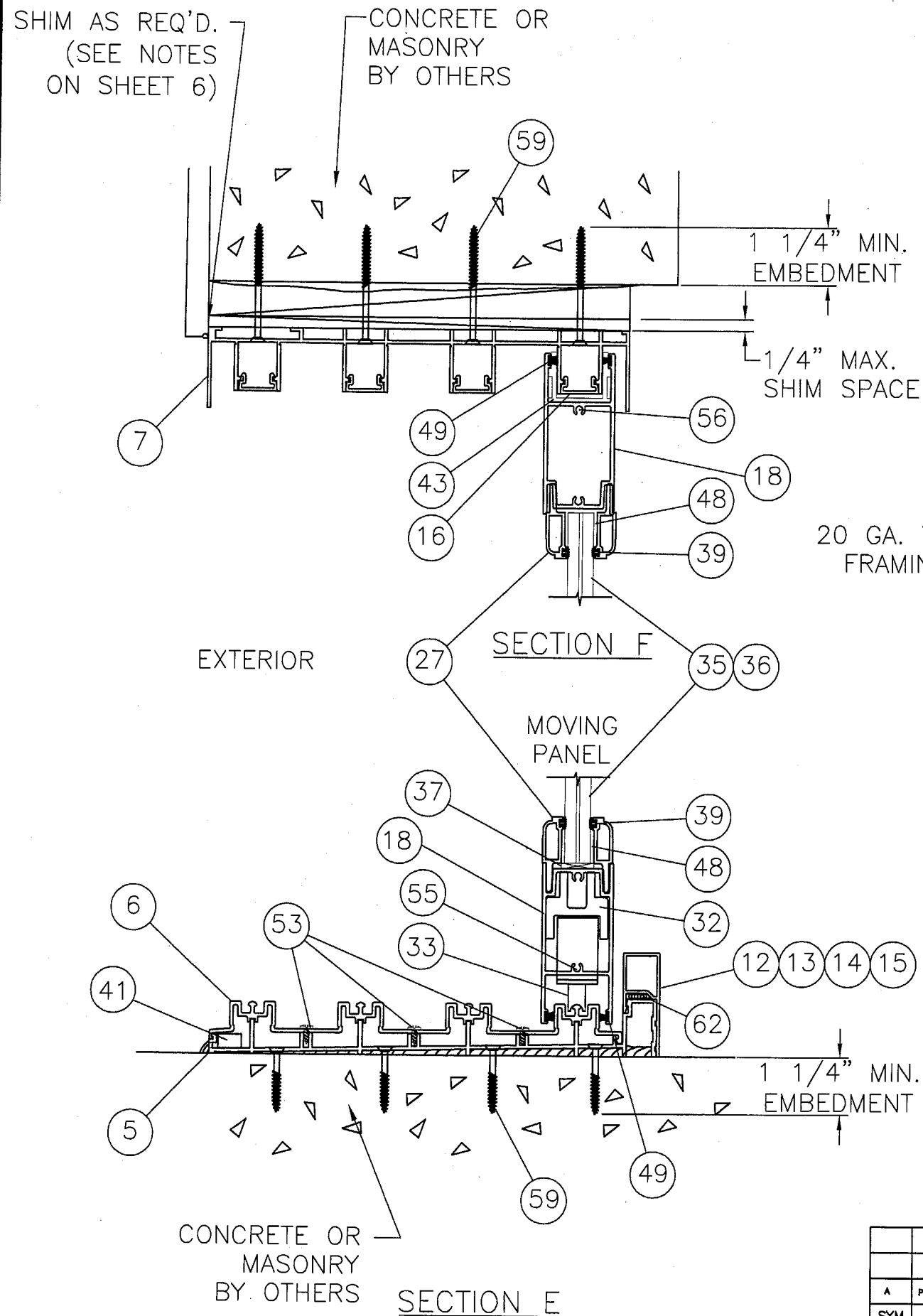


Approved as complying with the
Florida Building Code
Date 03/13/05
NOAH 04-1622.01
Miami-Dade Product Control
Division
By [Signature]

A	PER DADE LETTER 12-03-04	12/21/04	BB
SYM	REVISION	DATE	BY

[Signature]
1/24/05
Eric S. Nielsen
Florida P. E. No. 41323
Product Technology Corporation
1150 Louisiana Ave., Suite 6
Winter Park, Florida 32789
FBPE Certificate of Authorization No. B6B1

WINDOOR, INC.
1978 STANHOME WAY ORLANDO, FL 32804
TITLE: SERIES 8000 SGD LARGE MISSILE
VERTICAL CROSS SECTIONS 4'0 X 10'0 PANELS
PREPARED BY: **PTC** Product Technology Corporation
DRN: BB DATE: 09/13/04
SCALE: NTS DWG. NO: WIND0082
REV: A SHEET: 10 OF 23



Approved as complying with the
Florida Building Code
Date 03/13/05
NOA# 04-1022-01
Miami-Dade Product Control
Division
By M. Khali

A	PER DADE LETTER 12-03-04	12/21/04	BB
SYM	REVISION	DATE	BY

ESN
1/24/05
Eric S. Nielsen
Florida P. E. No. 41323
Product Technology Corporation
1150 Louisiana Ave., Suite 6
Winter Park, Florida 32789
FBPE Certificate of Authorization NO. 8681

WINDOOR, INC. 1978 STANHOME WAY ORLANDO, FL 32804			
TITLE: SERIES 8000 POCKET, 90' & 135' SGD LM VERTICAL CROSS SECTIONS 4'0 x 10'0 PANELS			
PREPARED BY: PTC Product Technology Corporation	DRN: BB	DATE: 09/13/04	
	SCALE: NTS	DWG. NO: WIND0082	
	REV: A	SHEET: 11 OF 23	

SHIM AS REQ'D.
(SEE NOTES
ON SHEET 6)

CONCRETE OR
MASONRY
BY OTHERS

1 1/4" MIN.
EMBEDMENT

1/4" MAX.
SHIM SPACE

SECTION CC

EXTERIOR

20 GA. TWO BY STEEL
FRAMING BY OTHERS

SEE NOTE 5
SHEET 6

SHIM AS REQ'D.
(SEE NOTES
ON SHEET 6)

SECTION EE

1/4" MAX.
SHIM SPACE

SHIM AS REQ'D.
(SEE NOTES
ON SHEET 6)

TWO BY WOOD
FRAMING
BY OTHERS

1 3/4" MIN.
EMBEDMENT

1/4" MAX.
SHIM SPACE

EXTERIOR

SECTION DD

CONCRETE OR
MASONRY
BY OTHERS

SECTION BB

1 1/4" MIN.
EMBEDMENT

Approved as complying with the
Florida Building Code
Date 03/13/05
NOA# 04-1022-01
Miami Dade Product Control
Division
By [Signature]

SYM	REVISION	DATE	BY
A	PER DADE LETTER 12-03-04	12/21/04	BB

[Signature]
1/24/05

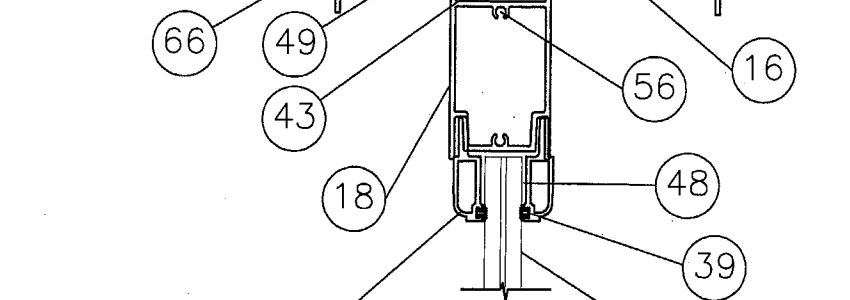
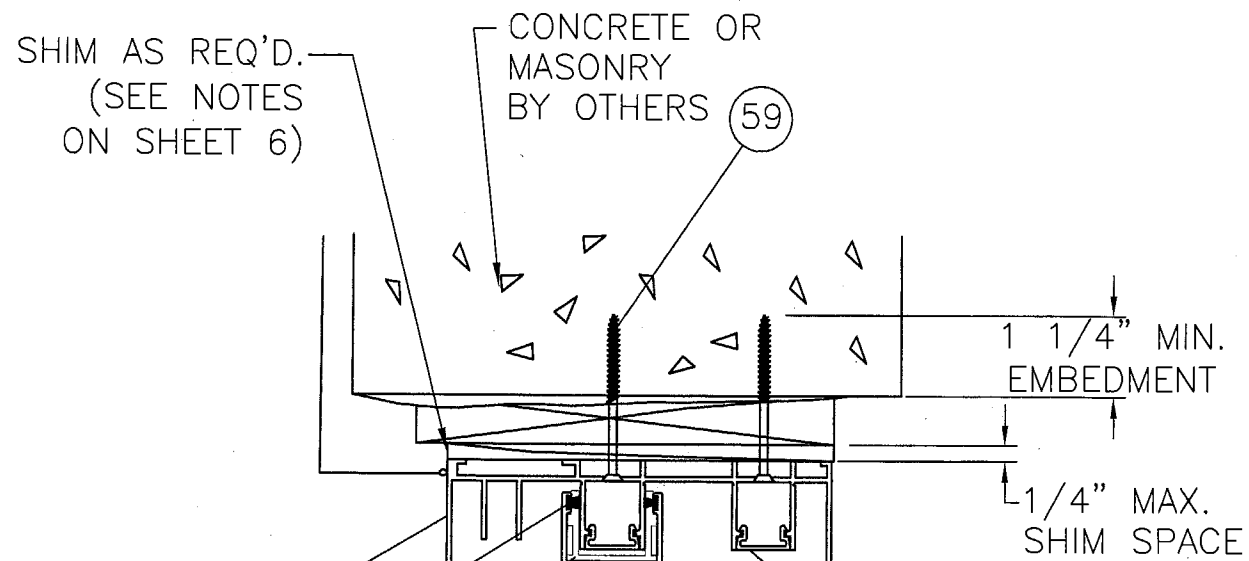
Eric S. Nielsen
Florida P. E. No. 41323
Product Technology Corporation
1150 Louisiana Ave., Suite 6
Winter Park, Florida 32789
FBPE Certificate of Authorization NO. 8881

WINDOOR, INC.
1978 STANHOME WAY ORLANDO, FL 32804

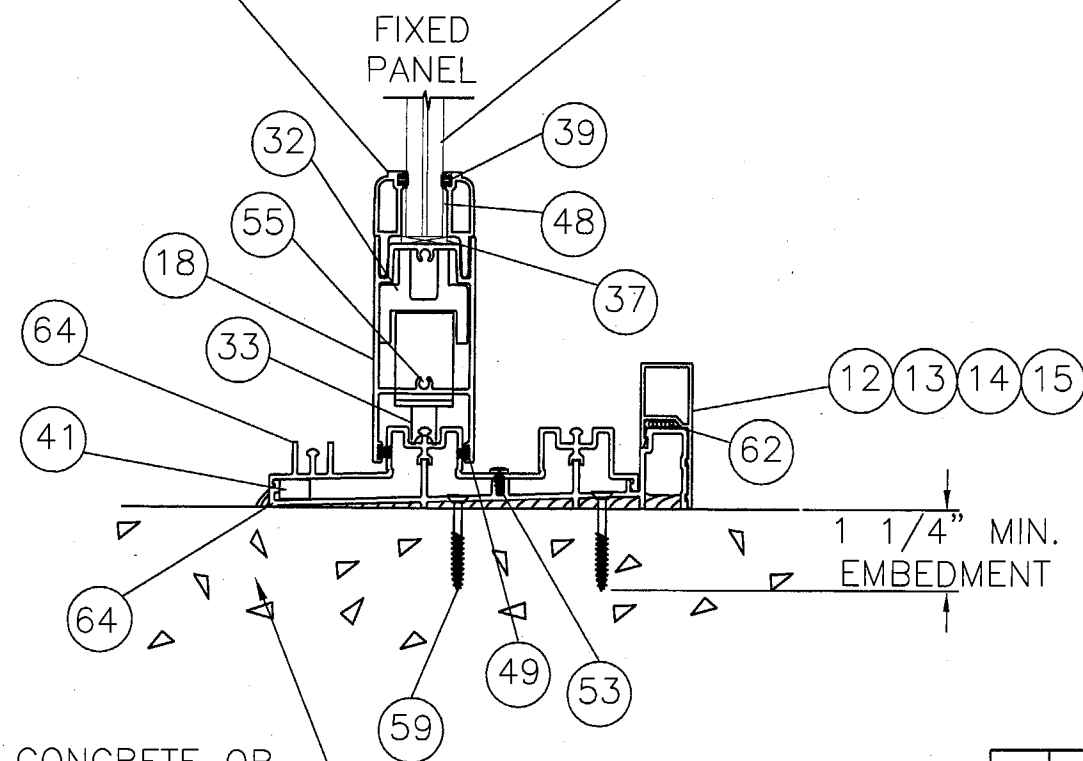
TITLE: SERIES 8000 POCKET, 90° & 135° SGD LM
VERTICAL CROSS SECTIONS 4'0 x 10'0 PANELS

PREPARED BY:
PTC
Product Technology Corporation
Phone 407.622.6334 Fax 407.622.6335

DRN: BB	DATE: 09/13/04
SCALE: NTS	DWG. NO: WIND0082
REV: A	SHEET: 12 OF 23

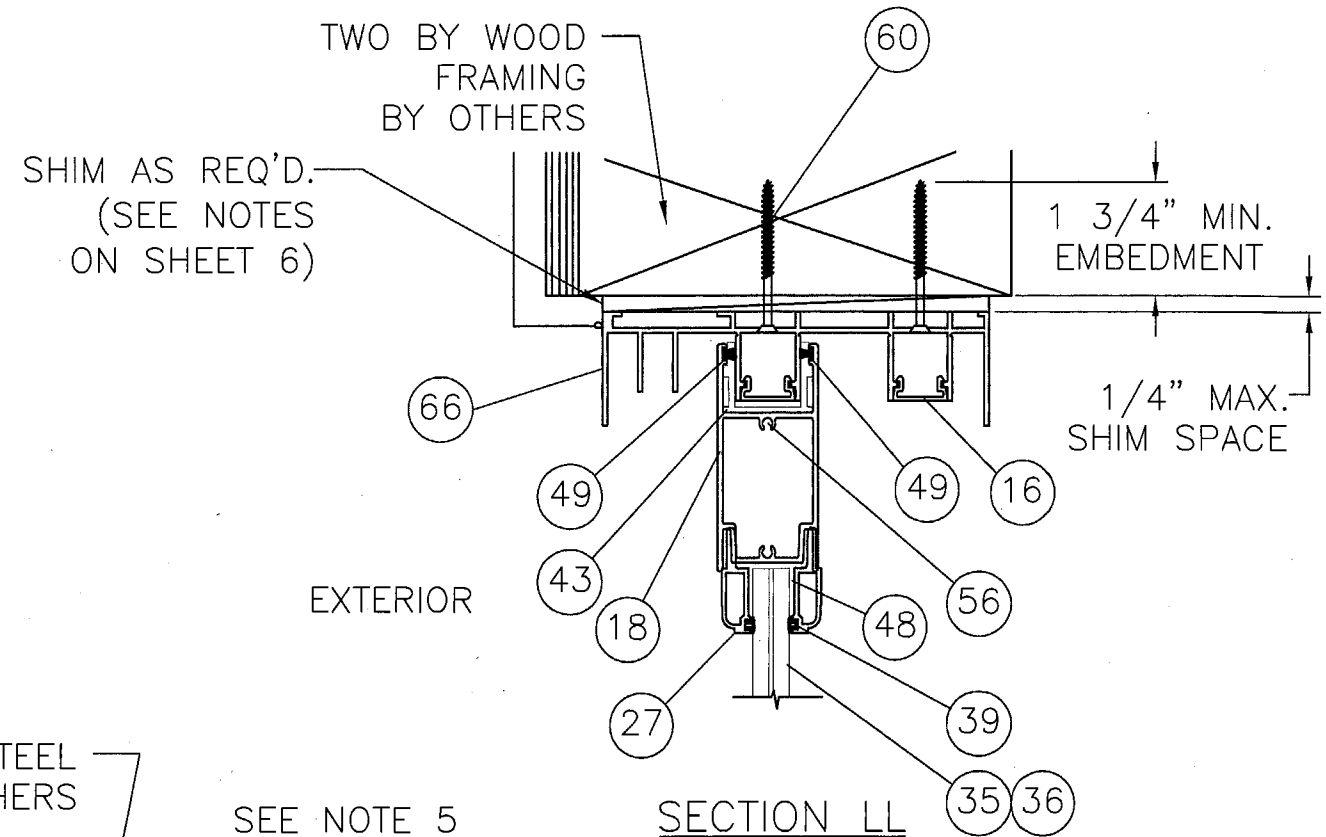


EXTERIOR



CONCRETE OR MASONRY BY OTHERS

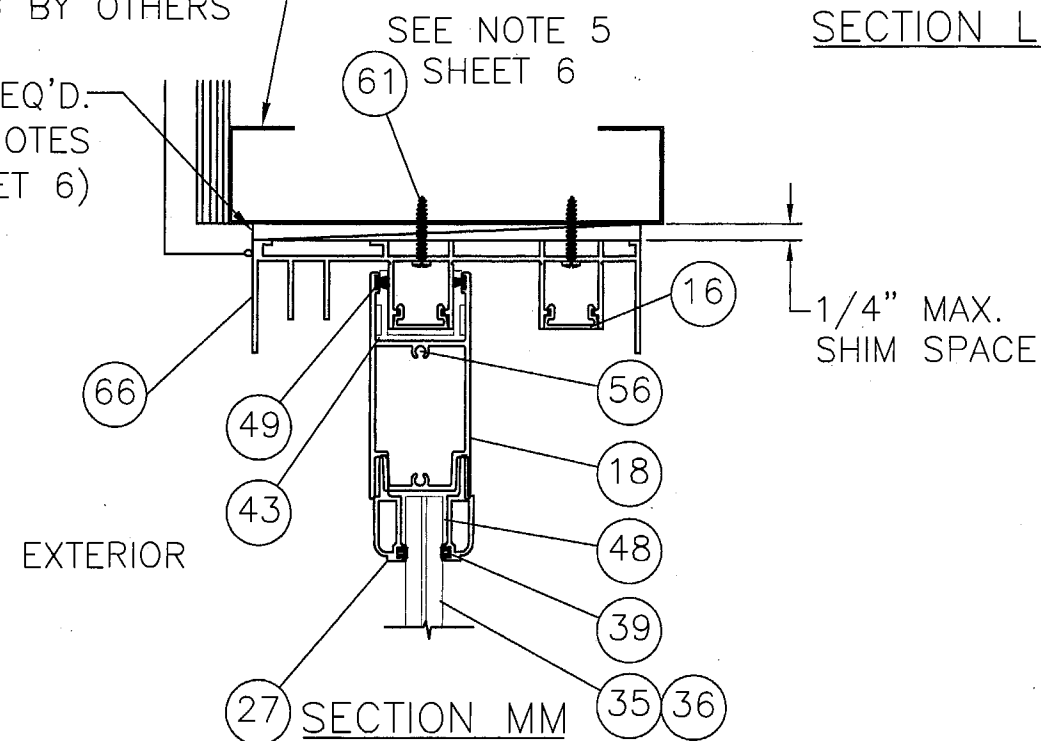
SECTION JJ



EXTERIOR

20 GA. TWO BY STEEL FRAMING BY OTHERS

SHIM AS REQ'D. (SEE NOTES ON SHEET 6)



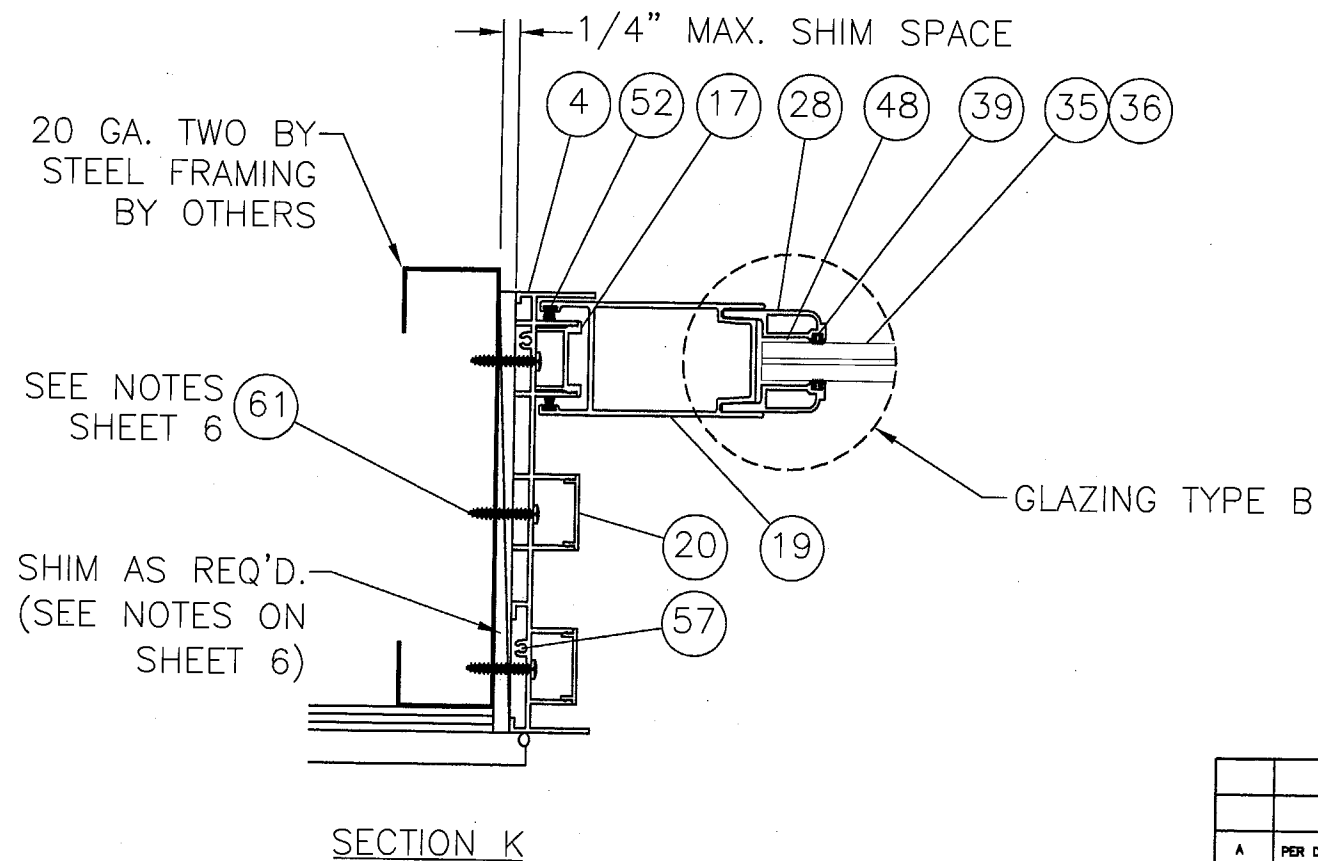
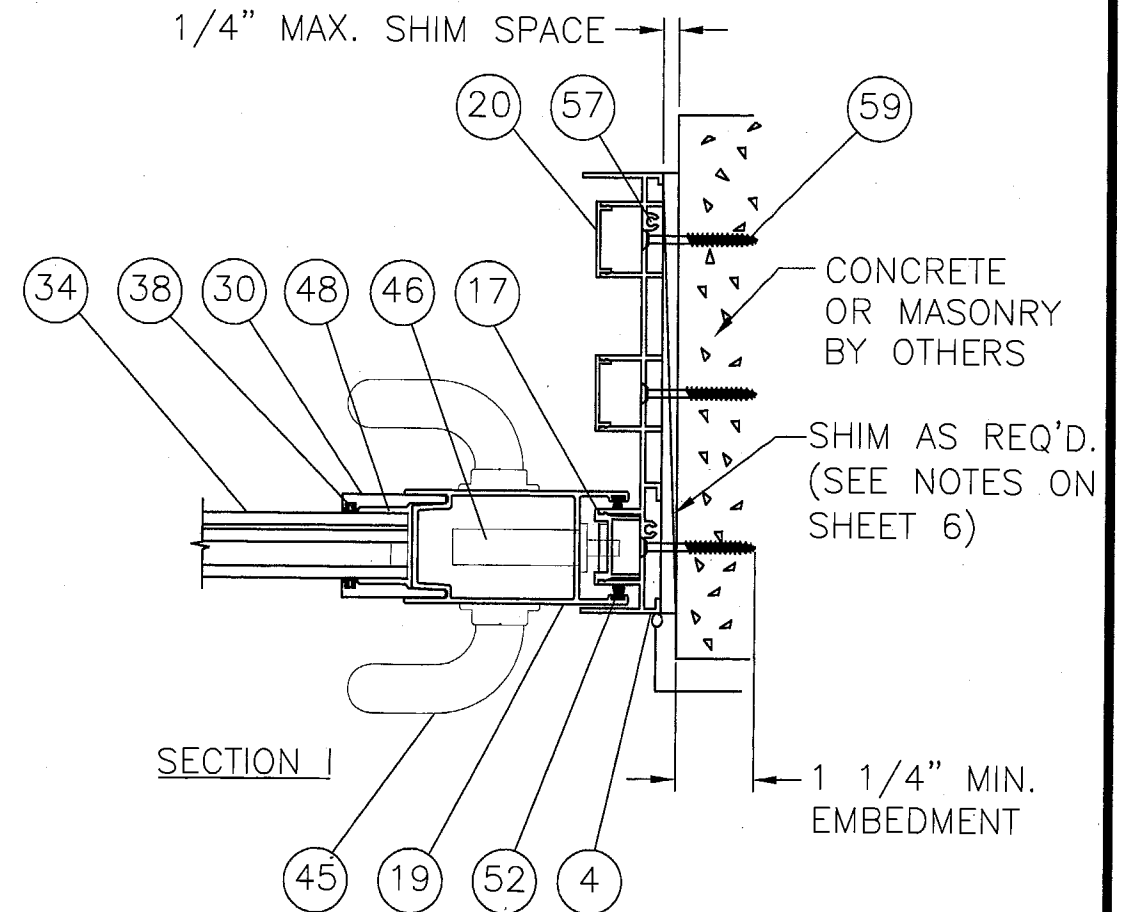
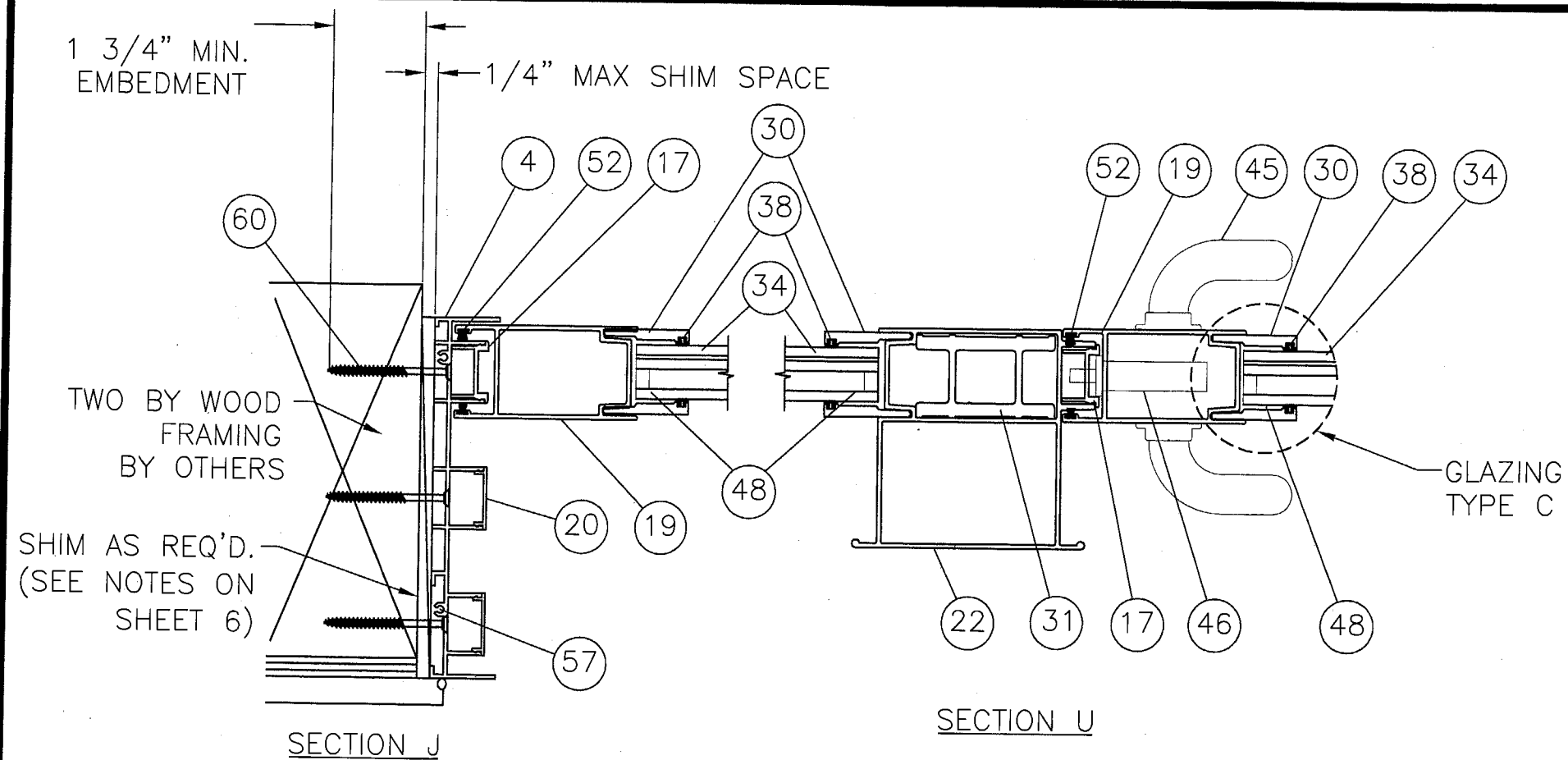
EXTERIOR

Approved as complying with the
Florida Building Code
Date 03/13/03
NOAH 04-1022-01
Miami-Dade Product Control
Division
By M. Khaliq

SYM	REVISION	DATE	BY
A	PER DADE LETTER 12-03-04	12/21/04	BB

ESN
1/24/05
Eric S. Nielsen
Florida P. E. No. 41323
Product Technology Corporation
1150 Louisiana Ave., Suite 6
Winter Park, Florida 32789
FBPE Certificate of Authorization No. 8681

WINDOOR, INC.
1978 STANHOME WAY ORLANDO, FL 32804
TITLE: SERIES 8000 SGD LARGE MISSILE
VERTICAL CROSS SECTIONS 4'0 X 10'0 PANELS
PREPARED BY: **PTC** Product Technology Corporation
DRN: BB DATE: 09/13/04
SCALE: NTS DWG. NO: WIND0082
REV: A SHEET: 13 OF 23
Phone 407.622.6334 Fax 407.622.6335

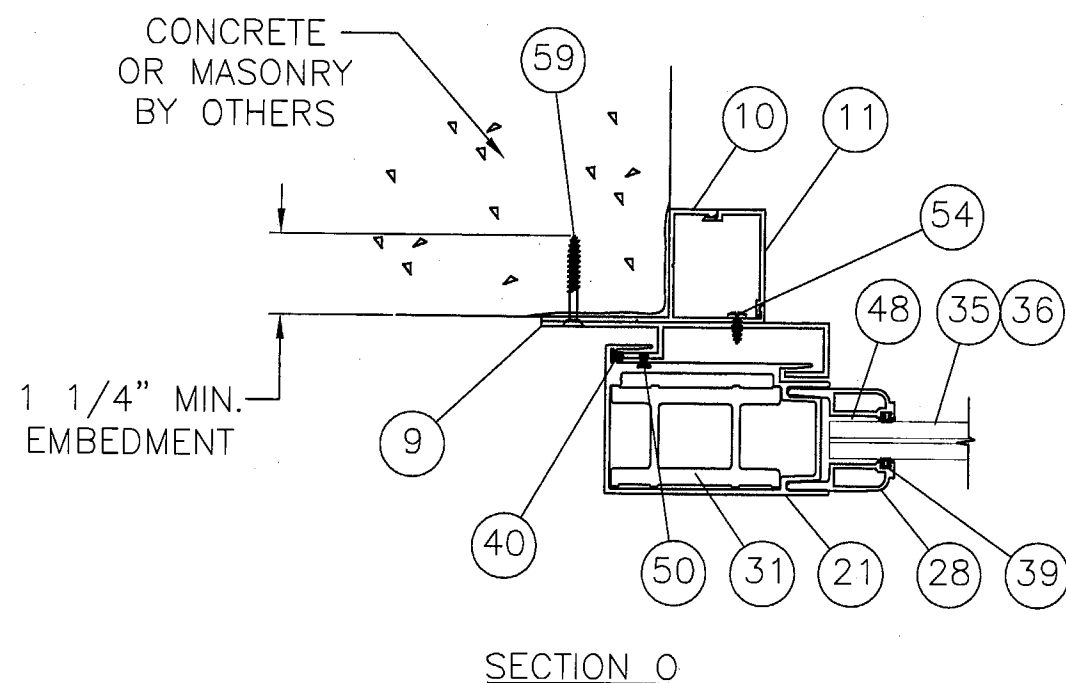
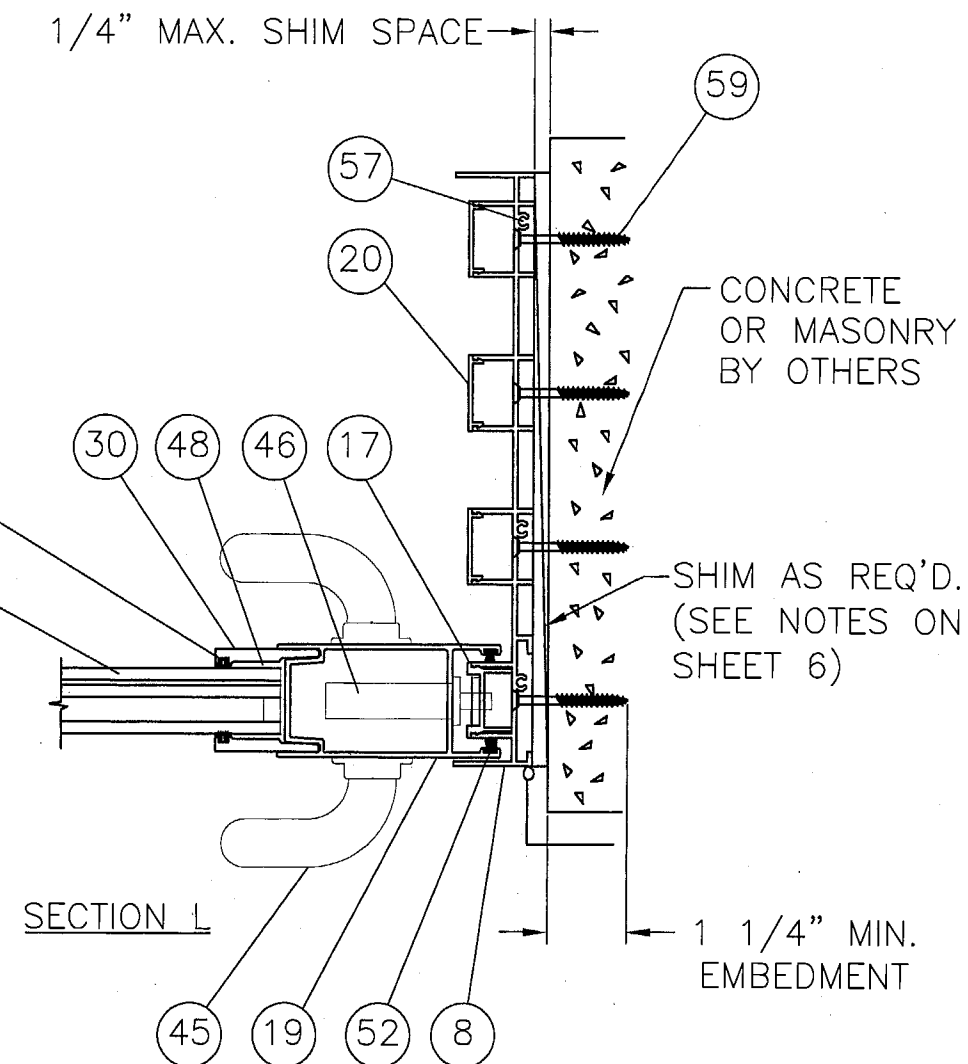
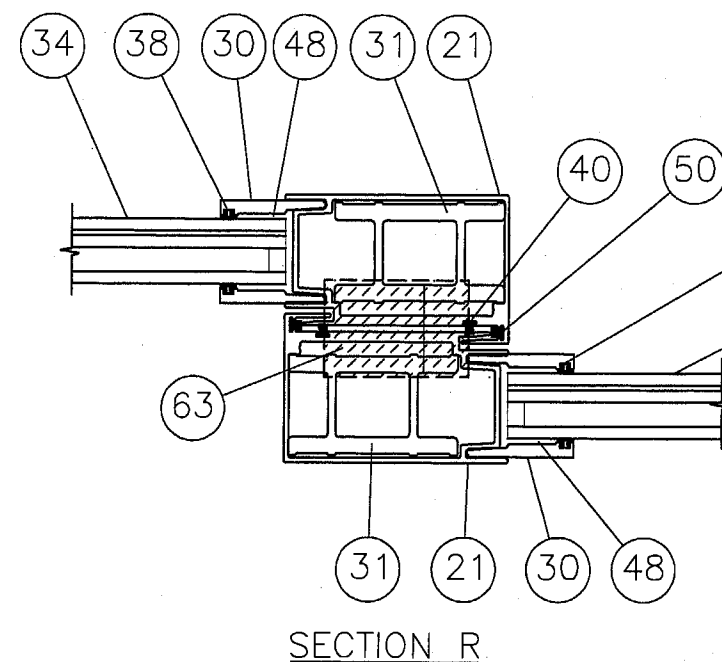
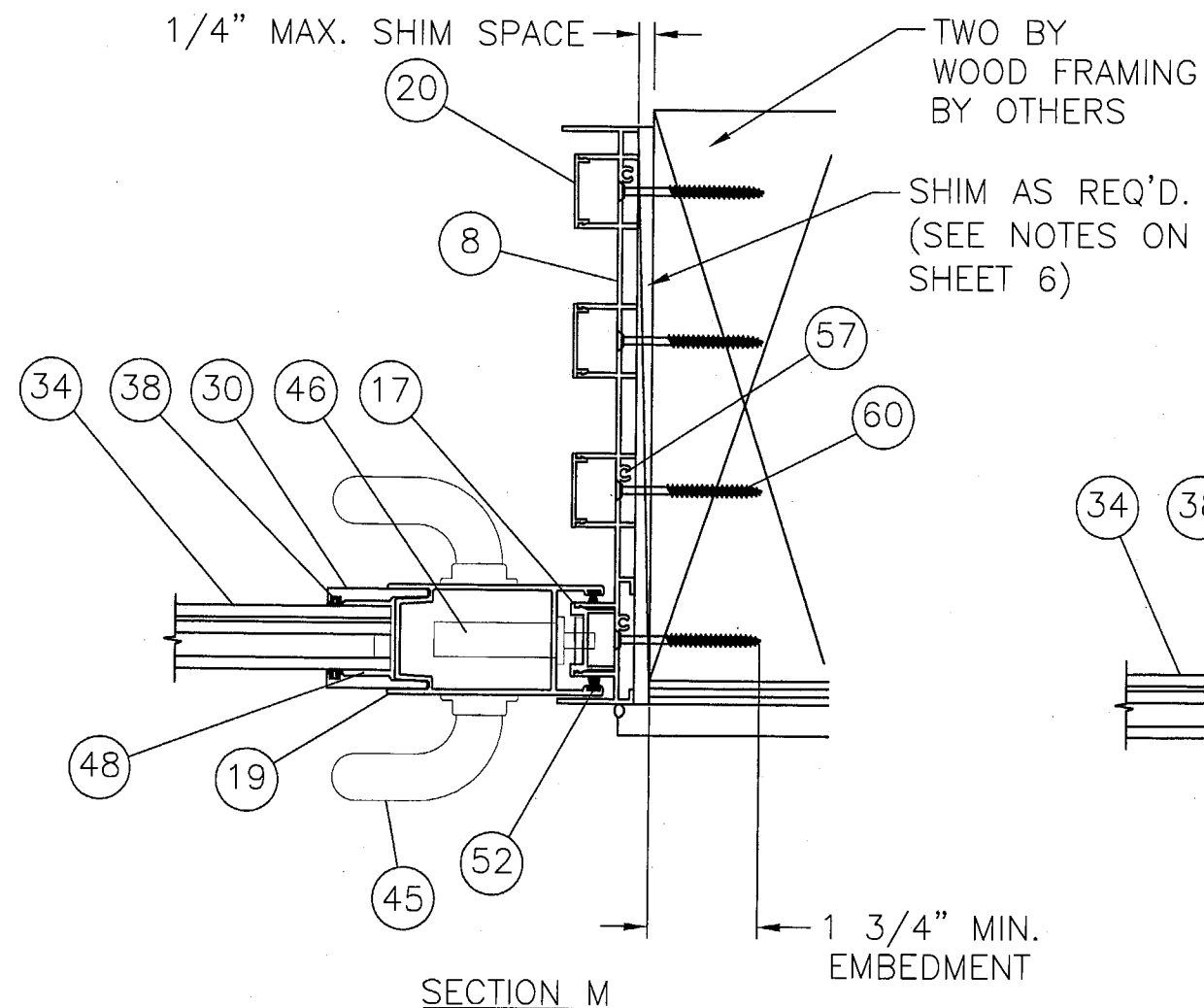


Approved as complying with the
Florida Building Code
Date 03/13/05
NOA# 04-1022-01
Miami Dade Product Control
Division
By [Signature]

SYM	REVISION	DATE	BY
A	PER DADE LETTER 12-03-04	12/21/04	BB

[Signature]
1/24/05
Eric S. Nielsen
Florida P. E. No. 41323
Product Technology Corporation
1150 Louisiana Ave., Suite 6
Winter Park, Florida 32789
FBPE Certificate of Authorization NO. 8681

WINDOOR, INC.
1978 STANHOME WAY ORLANDO, FL 32804
TITLE: SERIES 8000 SGD LARGE MISSILE
HORIZONTAL CROSS SECTIONS 4'0 X 10'0 PANELS
PREPARED BY: **PTC** Product Technology Corporation
DRN: BB DATE: 09/13/04
SCALE: NTS DWG. NO: WIND0082
REV: A SHEET: 14 OF 23
Phone 407.622.6334 Fax 407.622.6335

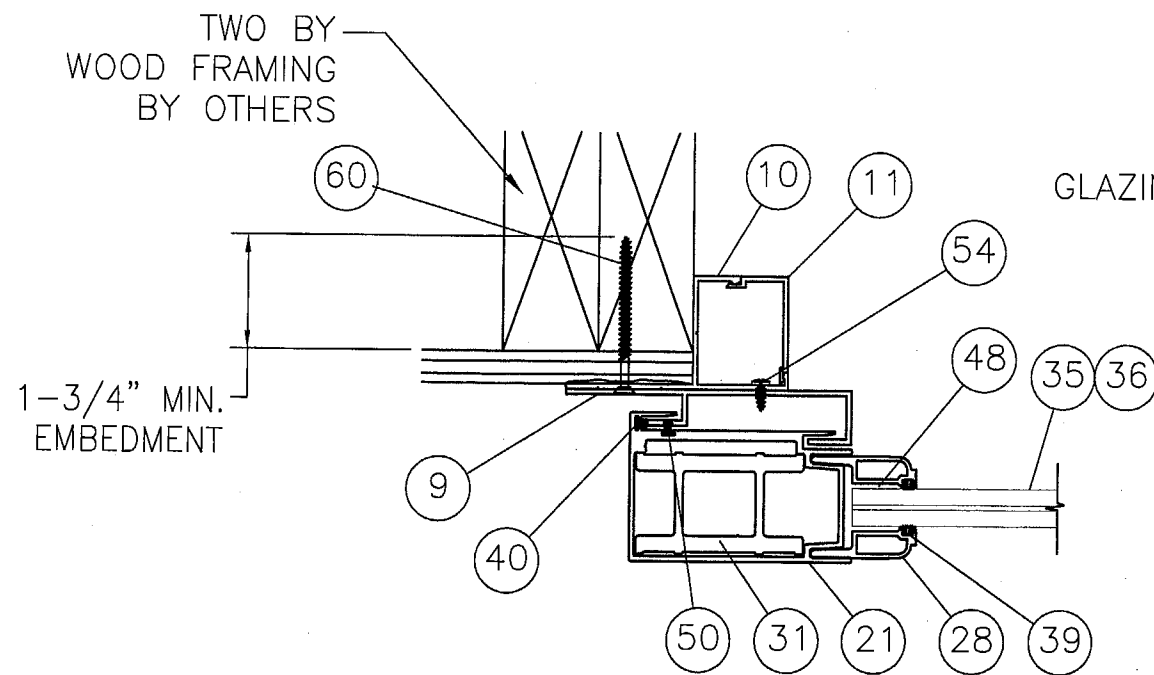


Approved as complying with the
Florida Building Code
Date 03/13/05
NOAH 02-022-01
Miami Dade Product Control
Division
By M. Khalk

SYM	REVISION	DATE	BY
A	PER DADE LETTER 12-03-04	12/21/04	BB

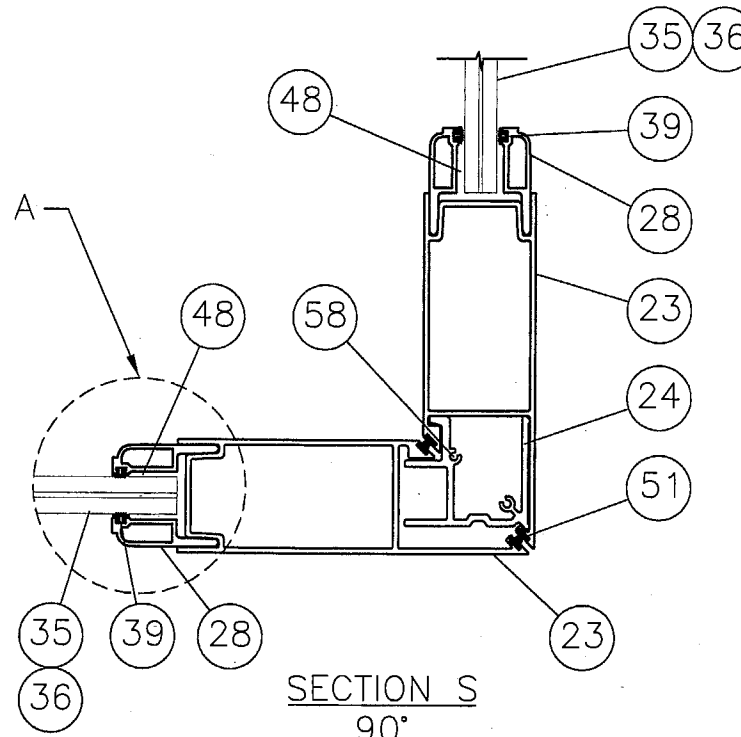
ESN
1/24/05
Eric S. Nielsen
Florida P. E. No. 41323
Product Technology Corporation
1150 Louisiana Ave., Suite 6
Winter Park, Florida 32789
FBPE Certificate of Authorization NO. 8681

WINDOOR, INC.
1978 STANHOME WAY ORLANDO, FL 32804
TITLE: SERIES 8000 POCKET SGD LARGE MISSILE
HORIZONTAL CROSS SECTIONS 4'0 X 10'0 PANELS
PREPARED BY: **PTC** Product Technology Corporation
DRN: BB DATE: 09/13/04
SCALE: NTS DWG. NO: WIND0082
REV: A SHEET: 15 OF 23
Phone 407.622.6334 Fax 407.622.6335

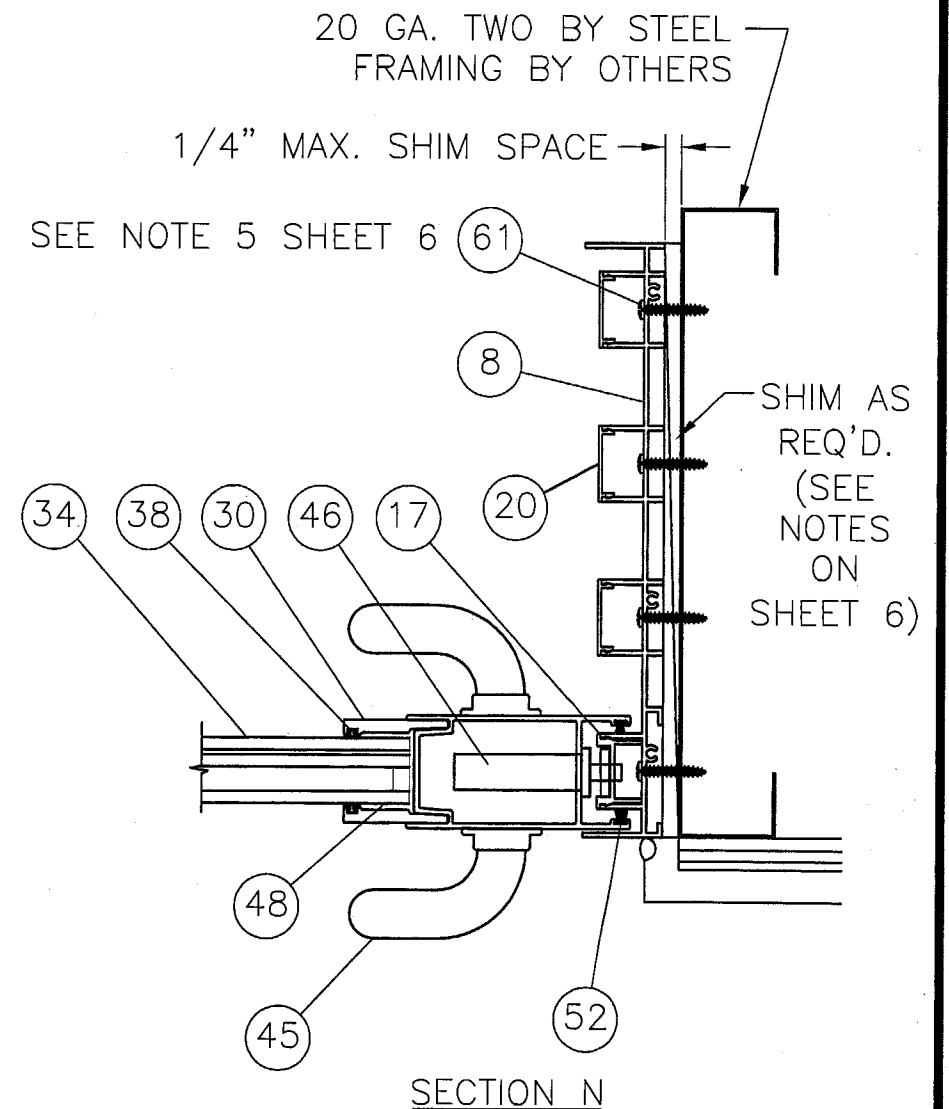


SECTION P

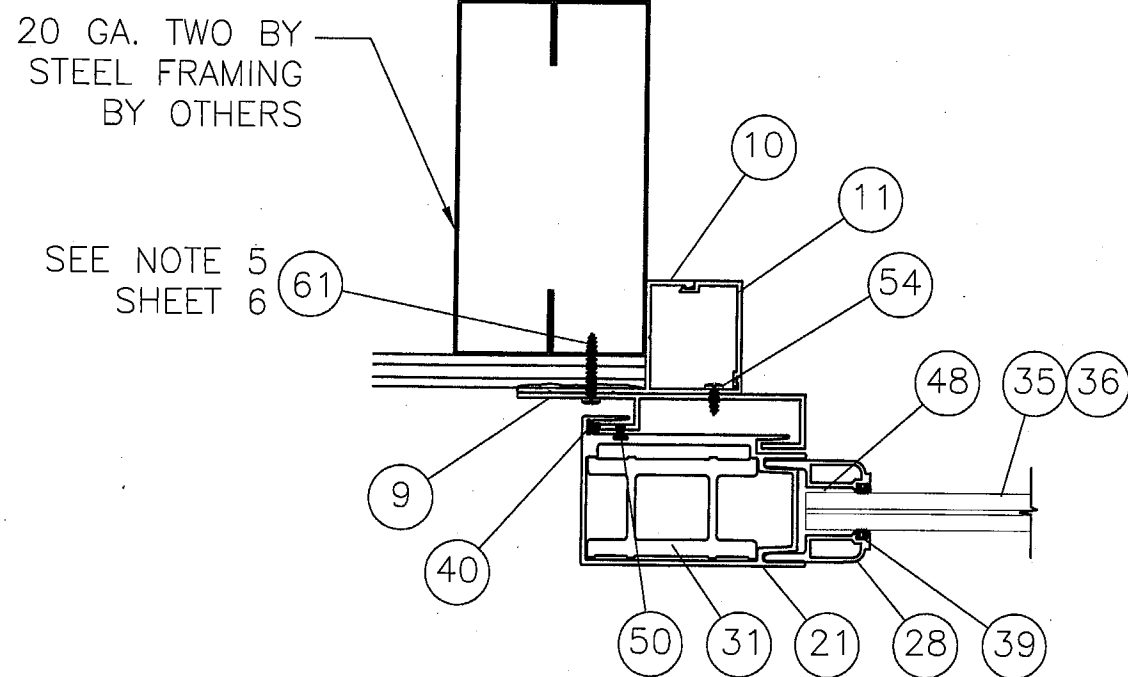
GLAZING TYPE A



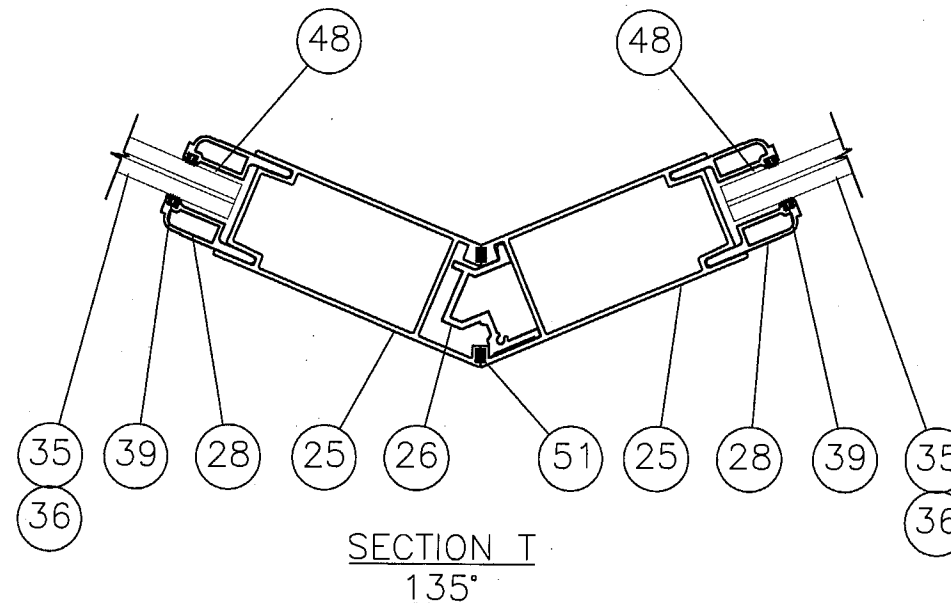
SECTION S
90°



SECTION N



SECTION Q



SECTION T
135°

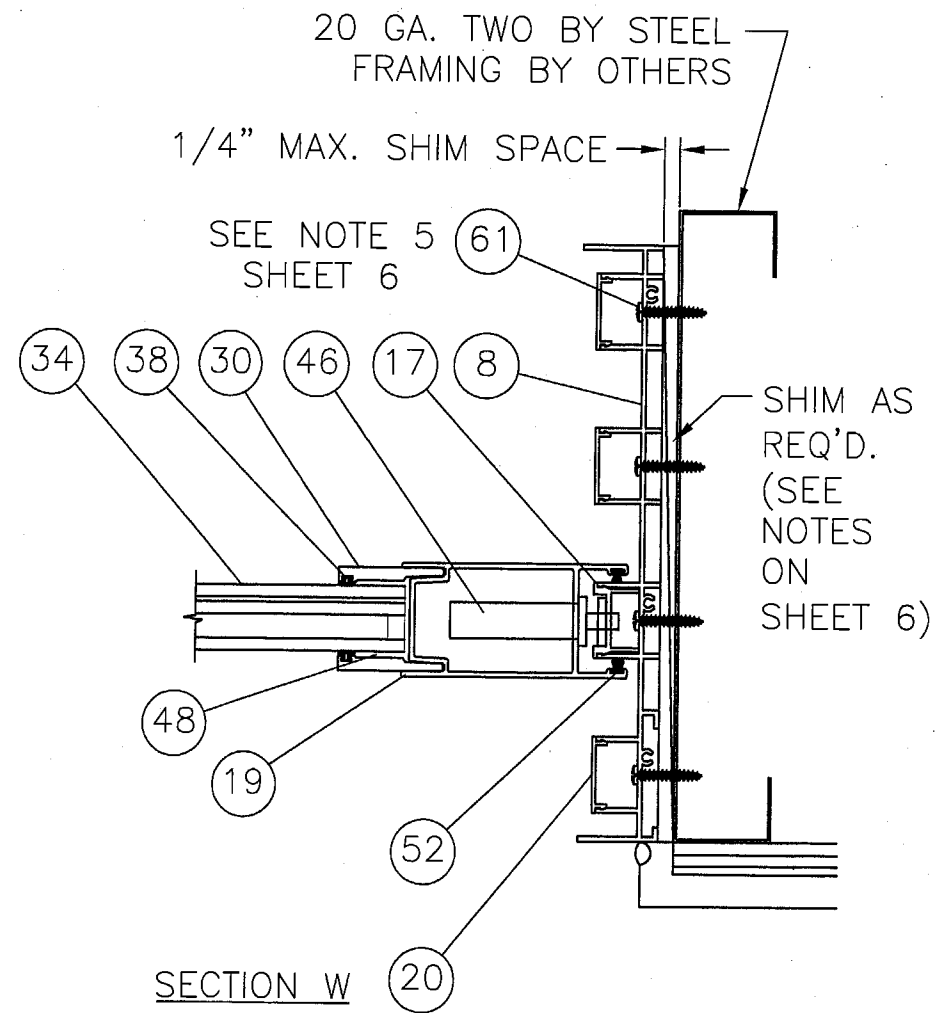
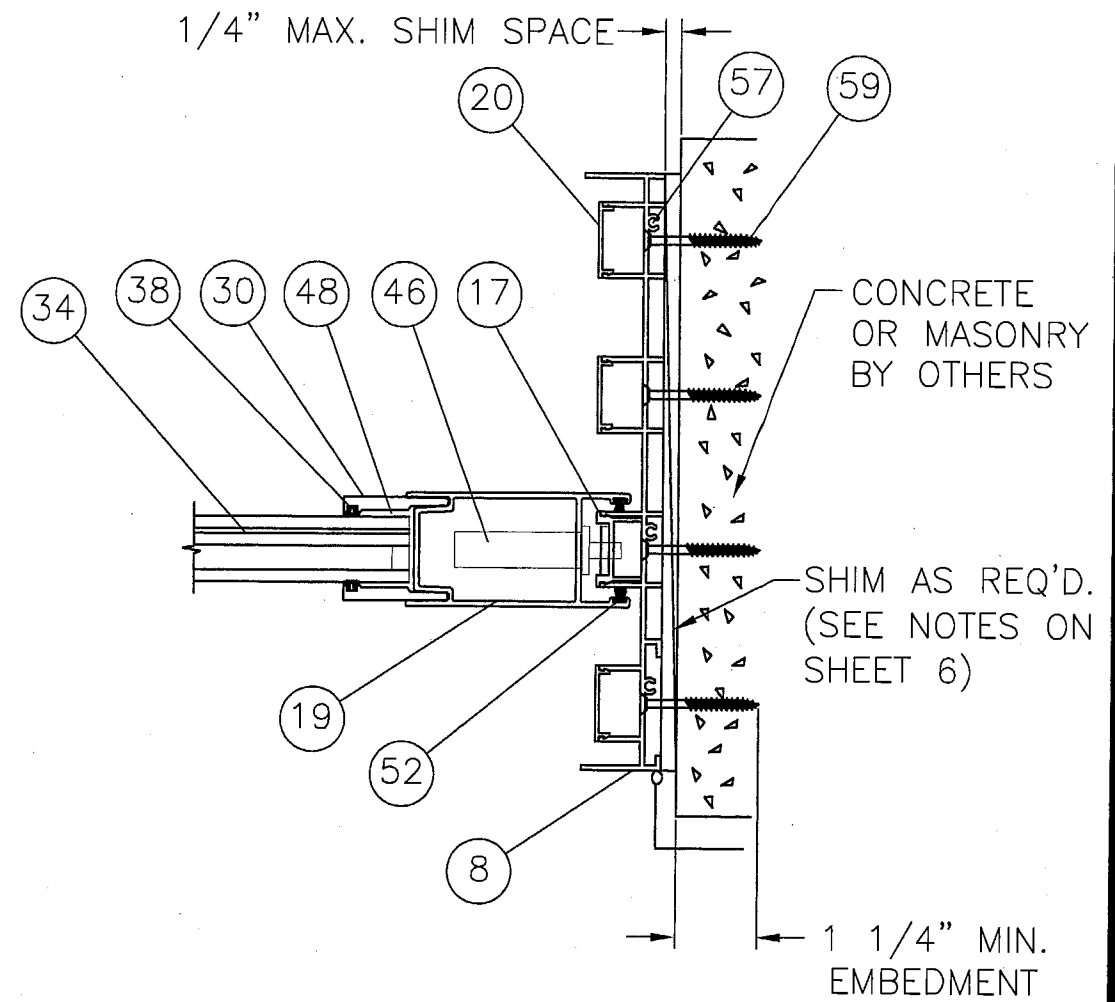
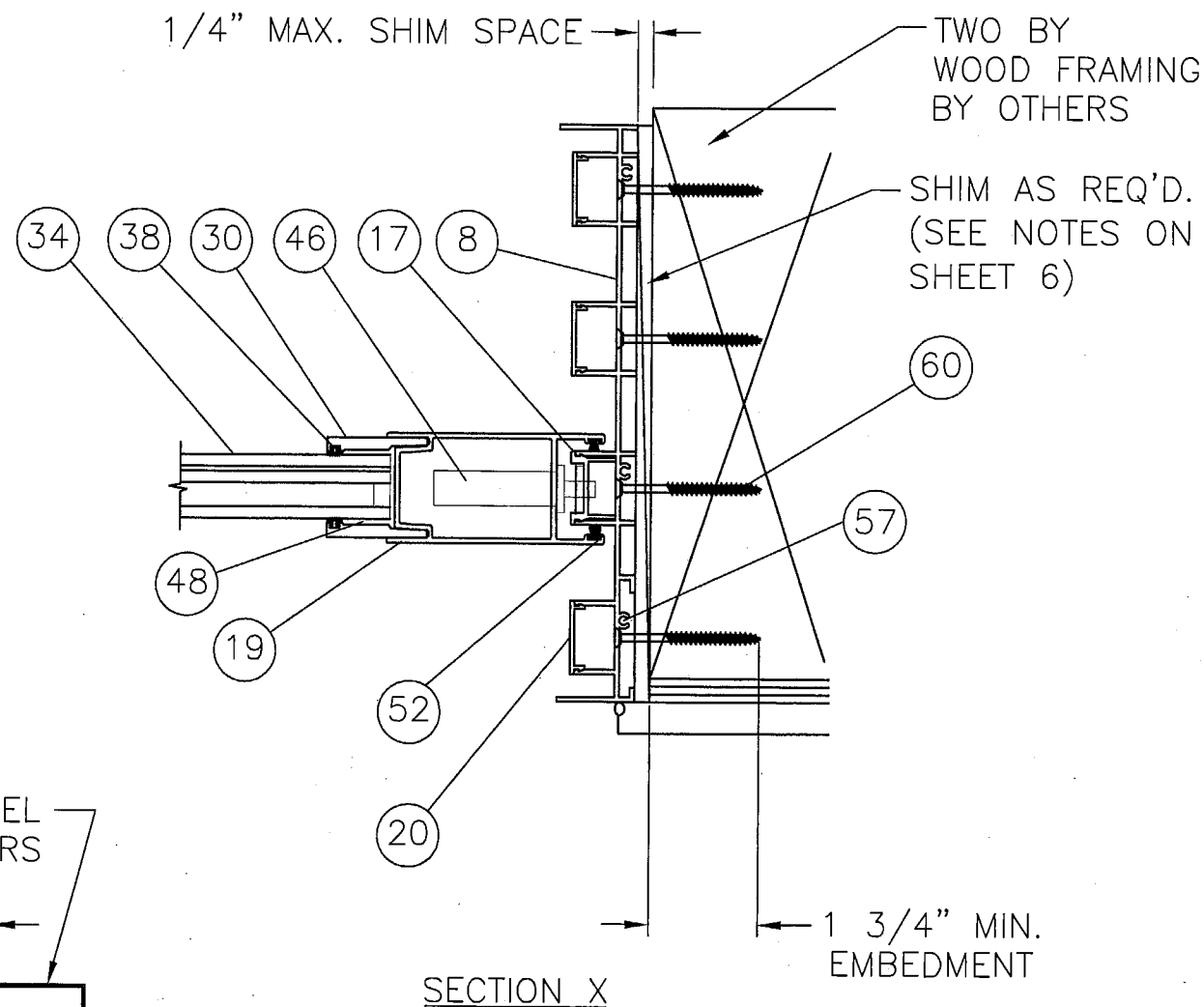
Approved as complying with the
Florida Building Code
Date 03/17/05
NOAH 04-1022-01
Miami Dade Product Control
Division
By M. Khark

SYM	REVISION	DATE	BY
A	PER DADE LETTER 12-03-04	12/21/04	BB

Eric S. Nielsen
1/24/05
Eric S. Nielsen
Florida P. E. No. 41323
Product Technology Corporation
1150 Louisiana Ave., Suite 6
Winter Park, Florida 32789
FBPE Certificate of Authorization NO. 8681

WINDOOR, INC. 1978 STANHOME WAY ORLANDO, FL 32804			
TITLE: SERIES 8000 90° & 135° POCKET SGD LM HORIZONTAL CROSS SECTIONS 4'0 X 10'0 PANELS			
PREPARED BY: PTC Product Technology Corporation	DRN: BB	DATE: 09/13/04	
SCALE: NTS	DWG. NO: WIND0082		
REV: A	SHEET: 16 OF 23		

Phone 407.622.6334 Fax 407.622.6335



Approved as complying with the
Florida Building Code
Date 03/13/05
NOA# 02-1022-01
Miami-Dade Product Control
Division
By [Signature]

A	PER DADE LETTER 12-03-04	12/21/04	BB
SYM	REVISION	DATE	BY

[Signature]
1/24/05
Eric S. Nielsen
Florida P. E. No. 41323
Product Technology Corporation
1150 Louisiana Ave., Suite 6
Winter Park, Florida 32789
FBPE Certificate of Authorization NO. 8681

WINDOOR, INC.
1978 STANHOME WAY ORLANDO, FL 32804

TITLE: SERIES 8000 POCKET SGD LARGE MISSILE
HORIZONTAL CROSS SECTIONS 4'0 X 10'0 PANELS

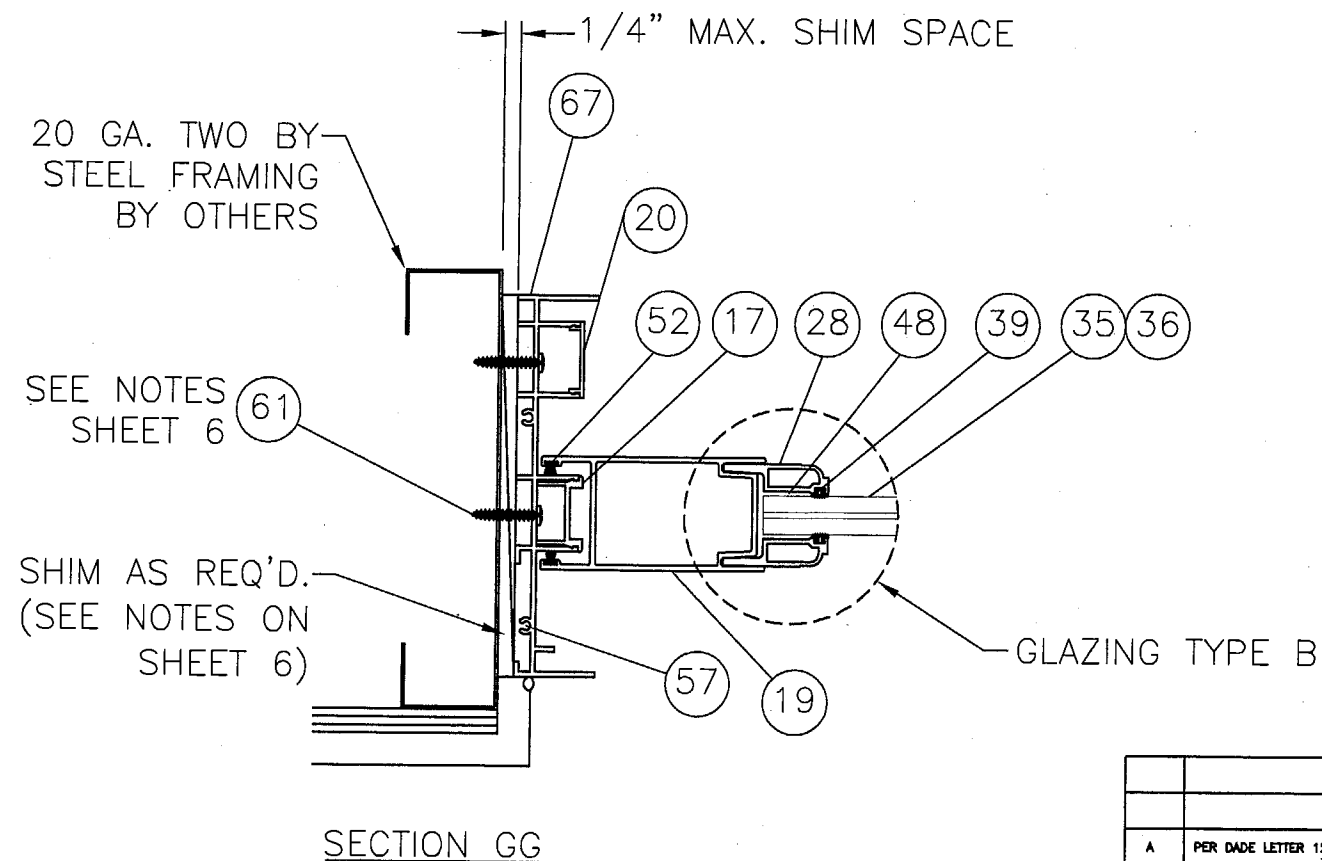
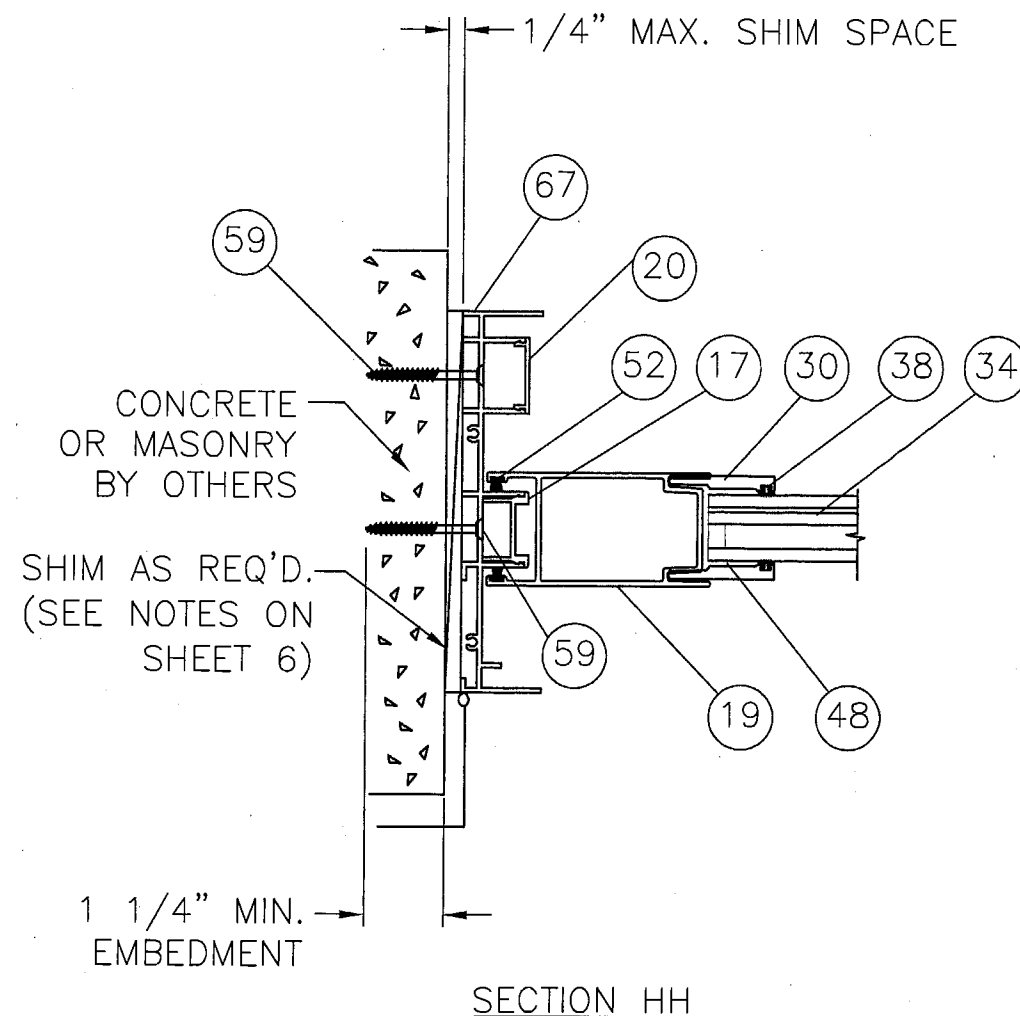
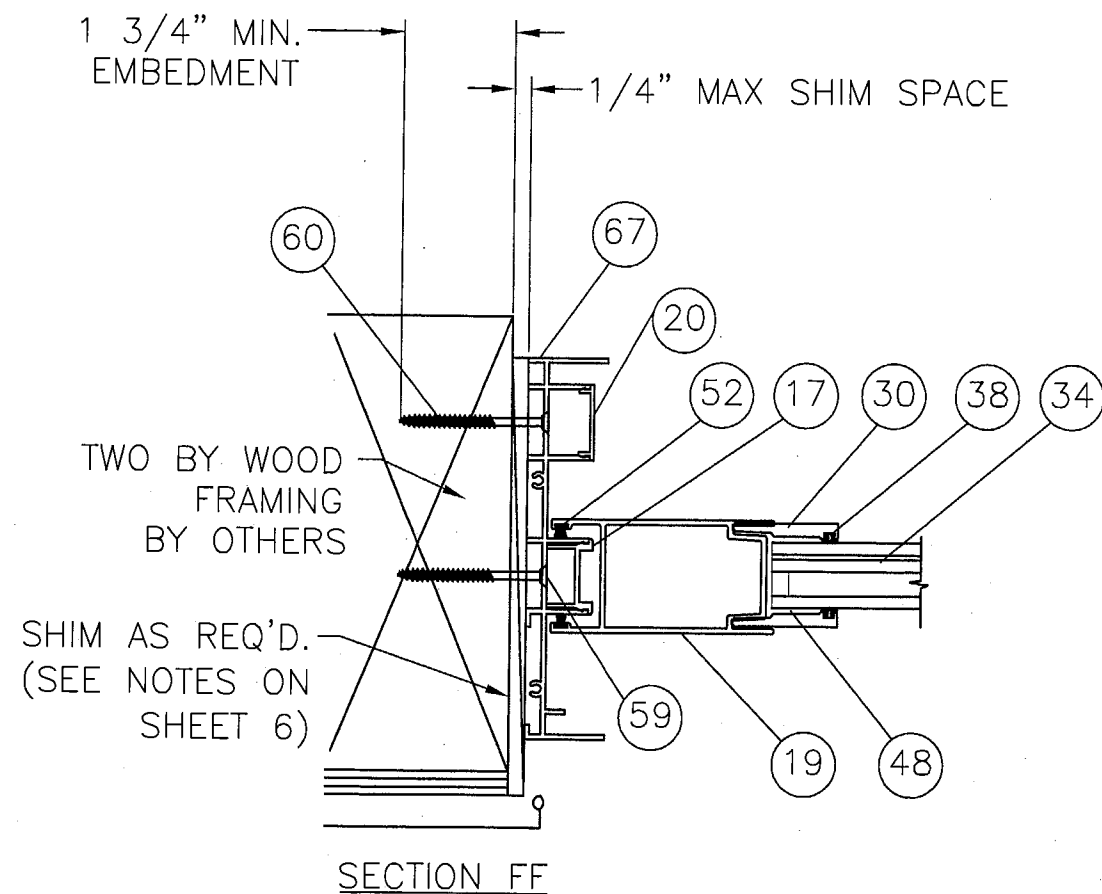
PREPARED BY:
PTC
Product Technology Corporation

Phone 407.622.6334 Fax 407.622.6335

DRN: BB DATE: 09/13/04

SCALE: NTS DWG. NO: WIND0082

REV: A SHEET: 17 OF 23



Approved as complying with the
Florida Building Code
Date 09/13/05
NOAH 04-1022.01
Miami-Dade Product Control
Division
By [Signature]

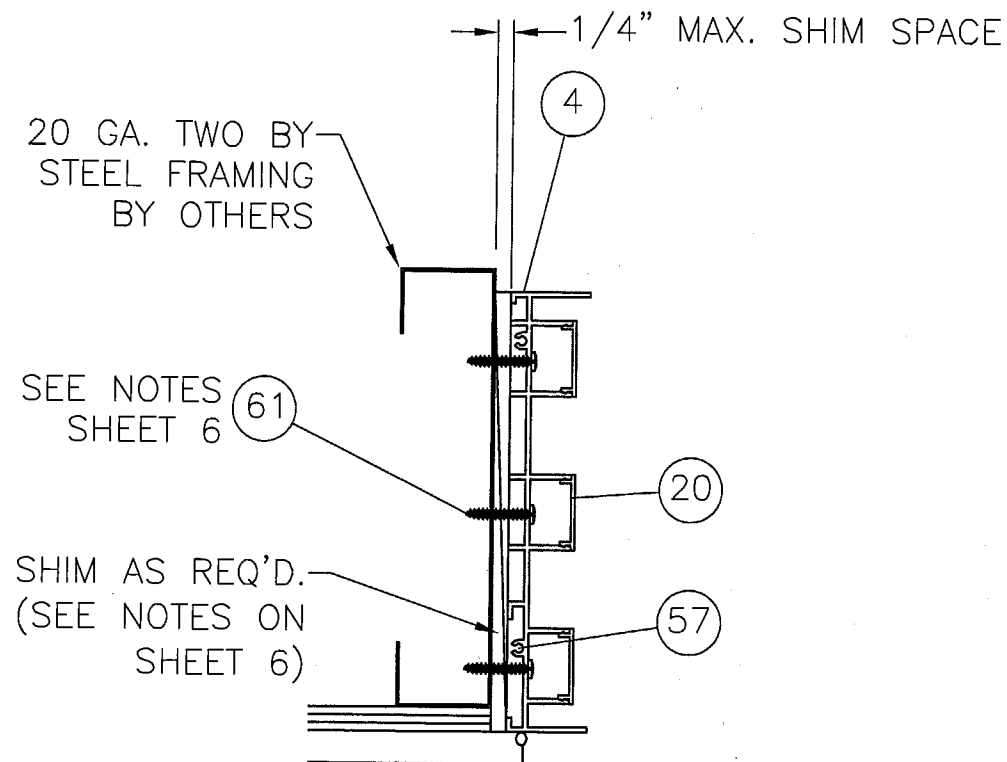
ESN
1/29/05
Eric S. Nielsen
Florida P. E. No. 41323
Product Technology Corporation
1150 Louisiana Ave., Suite 6
Winter Park, Florida 32789
FBPE Certificate of Authorization NO. 8681

WINDOOR, INC.
1978 STANHOME WAY ORLANDO, FL 32804
TITLE: SERIES 8000 SGD LARGE MISSILE
HORIZONTAL CROSS SECTIONS 4'0 X 10'0 PANELS

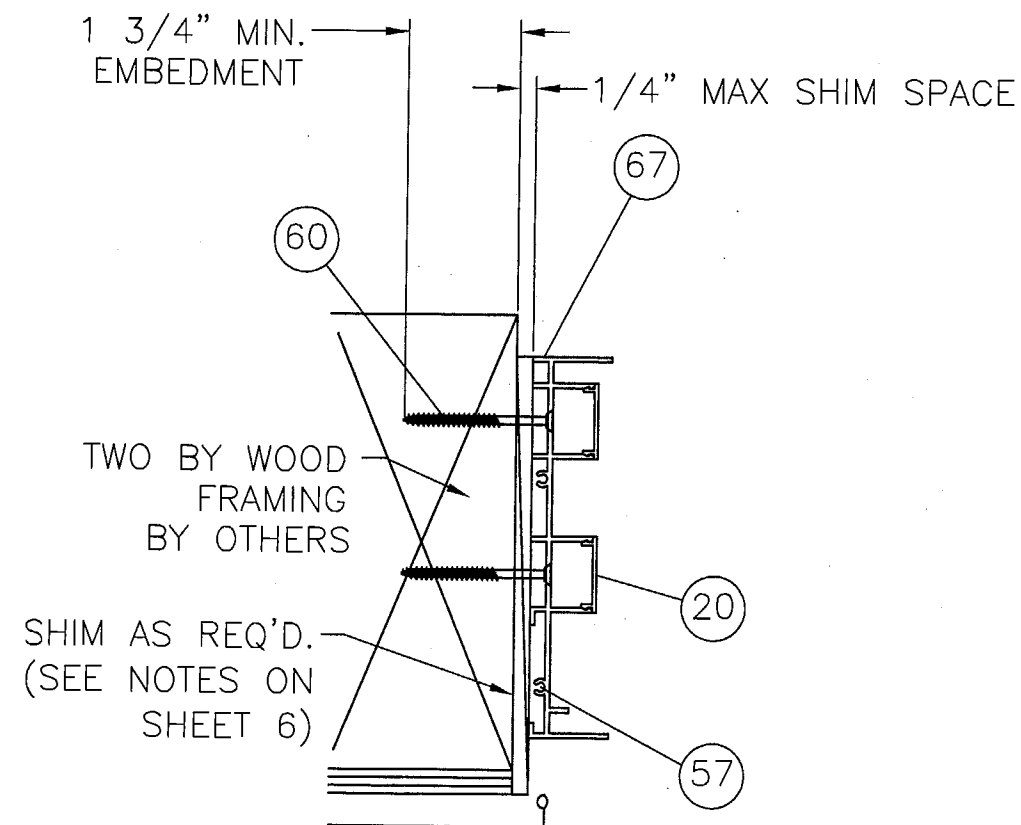
PREPARED BY: PTC Product Technology Corporation	DRN: BB	DATE: 09/13/04
SCALE: NTS	DWG. NO: WIND0082	
REV: A	SHEET: 18 OF 23	

Phone 407.622.6334 Fax 407.622.6335

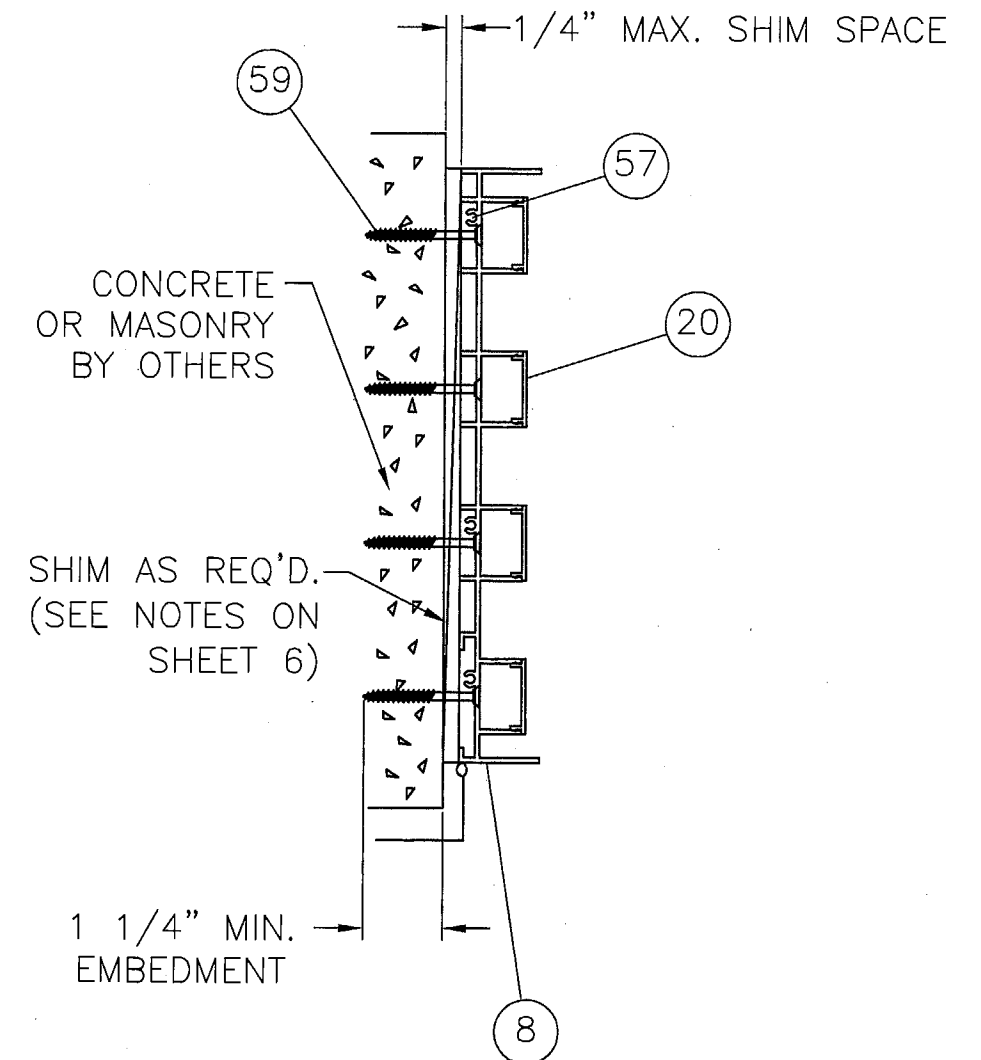
SYM	REVISION	DATE	BY
A	PER DADE LETTER 12-03-04	12/21/04	BB



SECTION Z



SECTION AA



SECTION Y

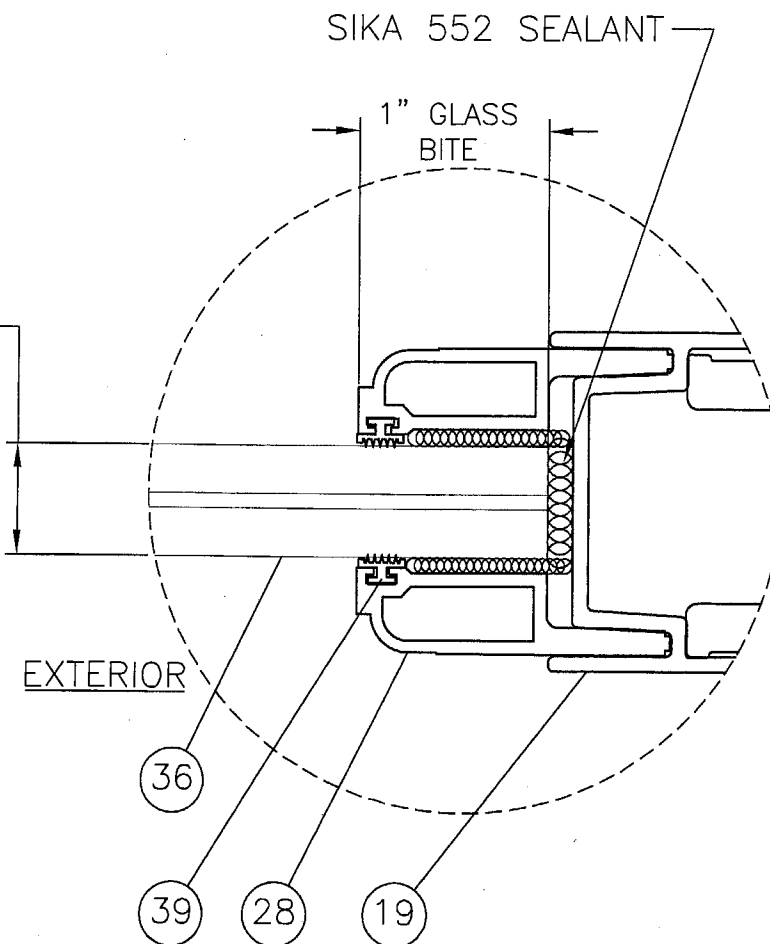
Approved as complying with the
Florida Building Code
Date 02/13/05
NOAH 04-1022-01
Miami-Dade Product Control
Division
By M. Thaler

SYM	REVISION	DATE	BY
A	PER DADE LETTER 12-03-04	12/21/04	BB

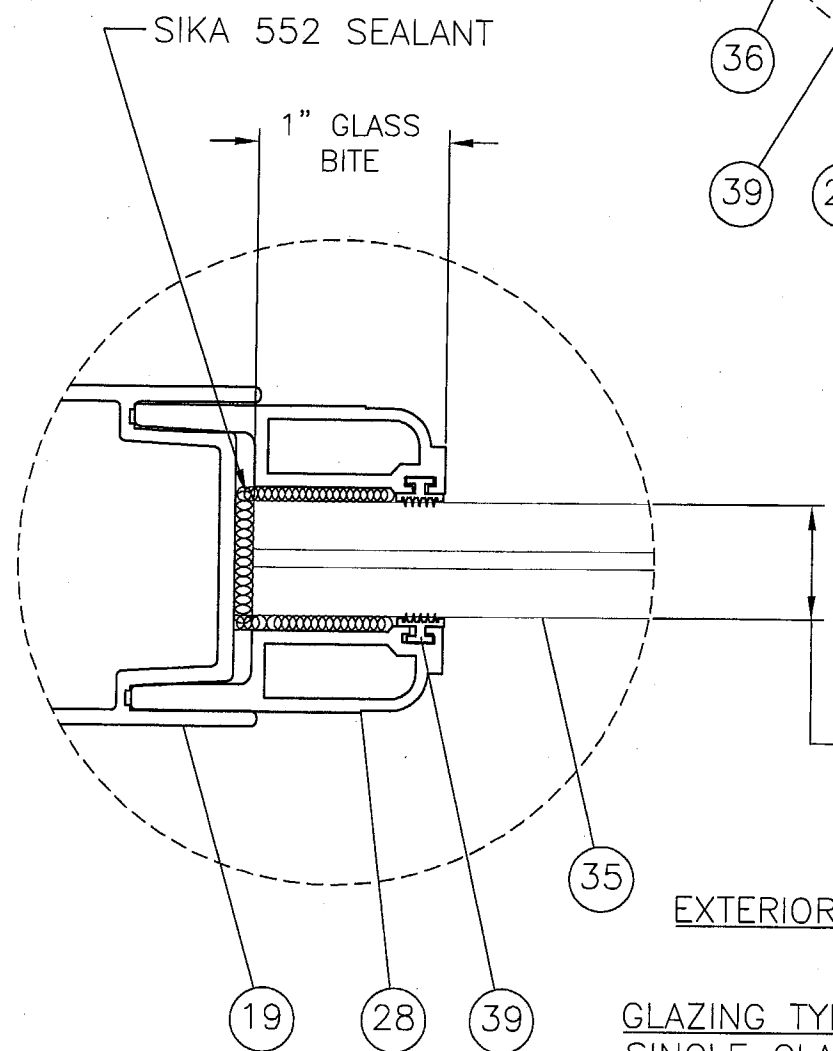
ESM
1/24/05
Eric S. Nielsen
Florida P. E. No. 41323
Product Technology Corporation
1150 Louisiana Ave., Suite 6
Winter Park, Florida 32789
FBPE Certificate of Authorization NO. 8681

WINDOOR, INC. 1978 STANHOME WAY ORLANDO, FL 32804			
TITLE: SERIES 8000 SGD LARGE MISSILE HORIZONTAL CROSS SECTIONS 4'0 X 10'0 PANELS			
PREPARED BY:	DRN:	DATE:	
PTC Product Technology Corporation	BB	09/13/04	
SCALE:	NTS	DWG. NO:	WIND0082
REV:	A	SHEET:	19 OF 23
Phone 407.622.6334		Fax 407.622.6335	

9/16" LAMINATED IMPACT GLASS
CONSISTING OF:
1/4" HEAT STRENGTHENED;
0.075 VANCEVA;
1/4" HEAT STRENGTHENED

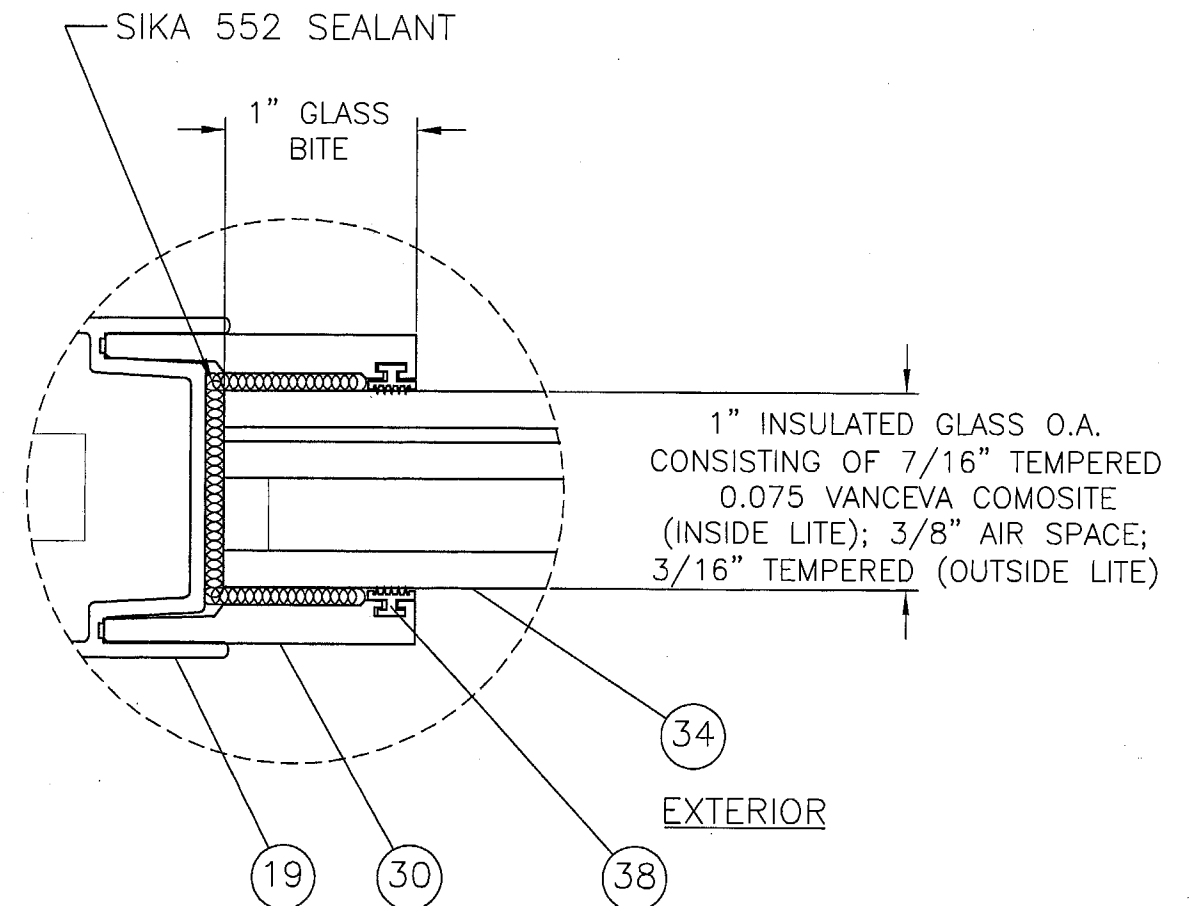


GLAZING TYPE A
SINGLE GLAZING



GLAZING TYPE B
SINGLE GLAZING

9/16" HEAT STRENGTHENED LAMINATED
IMPACT GLASS CONSISTING OF:
1/4" HEAT STRENGTHENED;
0.090 SENTRY GLASS PLUS;
1/4" HEAT STRENGTHENED



GLAZING TYPE C
INSULATING GLASS

Reviewed as complying with the
Florida Building Code
Date 03/13/05
NOAH 04-10-22-01
Miami-Dade Product Control
Division
By M. Khark

SYM	REVISION	DATE	BY
A	PER DADE LETTER 12-03-04	12/21/04	BB

ESN
1/24/05
Eric S. Nielsen
Florida P. E. No. 41323
Product Technology Corporation
1150 Louisiana Ave., Suite 6
Winter Park, Florida 32789
FBPE Certificate of Authorization NO. 8681

WINDOOR, INC. 1978 STANHOME WAY ORLANDO, FL 32804			
TITLE: SERIES 8000 SGD LARGE MISSILE GLAZING DETAILS 4'0 X 10'0 PANELS			
PREPARED BY: PTC Product Technology Corporation	DRN: BB	DATE: 09/13/04	
SCALE: NTS	DWG. NO: WIND0082		
REV: A	SHEET: 20 OF 23		
Phone 407.622.6334	Fax 407.622.6335		

BILL OF MATERIAL			
NO.	PART NO.	DESCRIPTION	
1	FS02182	3 TRACK FRAME SILL PAN	BY KEYMARK A6063-T5
2	FS02183	3 TRACK FRAME SILL INSERT	BY KEYMARK A6063-T5
3	F302180	3 TRACK FRAME HEAD	BY KEYMARK A6063-T6
4	FS02181	3 TRACK FRAME JAMB	BY KEYMARK A6063-T6
5	FS02069	4 TRACK SILL PAN	BY KEYMARK A6063-T6
6	FS02184	4 TRACK SILL INSERT	BY KEYMARK A6063-T6
7	FS02071	4 TRACK FRAME HEAD	BY KEYMARK A6063-T6
8	FS02070	4 TRACK FRAME JAMB	BY KEYMARK A6063-T6
9	FS02173	POCKET DOOR HOOK STRIP	BY KEYMARK A6063-T6
10	FS02301	POCKET DOOR HOOK STRIP BASE	BY KEYMARK A6063-T6
11	FS02172	POCKET DOOR HOOK STRIP BASE COVER	BY KEYMARK A6063-T6
12	FH02939	4 1/4" SILL RISER ADD ON	BY KEYMARK A6063-T6
13	FH02626	3 1/2" SILL RISER ADD ON	BY KEYMARK A6063-T6
14	FH02813	3" SILL RISER ADD ON	BY KEYMARK A6063-T6
15	FH02625	2 1/4" SILL RISER ADD ON	BY KEYMARK A6063-T6
16	FS1882	FRAME HEAD INSERT	BY KEYMARK A6063-T6
17	FS02726	STILE JAMB INSERT	BY KEYMARK A6063-T6
18	FH01869	TOP & BOTTOM RAIL	BY KEYMARK A6063-T5
19	FH01871	LOCK STILE	BY KEYMARK A6063-T5
20	FS1883	FRAME JAMB INSERT	BY KEYMARK A6063-T5
21	FH02491	PANEL INTERLOCK STILE	BY KEYMARK A6063-T6
22	FH02165	FEMALE BUTT STILE	BY KEYMARK A6063-T5
23	FH02025	90° CORNER STILE	BY KEYMARK A6063-T5
24	FH02026	90° CORNER STILE CLIP	BY KEYMARK A6063-T5
25	FH02157	135° CORNER STILE	BY KEYMARK A6063-T5
26	FH02158	135° CORNER STILE CLIP	BY KEYMARK A6063-T6
27	FH01877	9/16" HORIZONTAL GLASS STOP	BY KEYMARK A6063-T5
28	FH01878	9/16" VERTICAL GLASS STOP	BY KEYMARK A6063-T5
29	FH01879	1" HORIZONTAL GLASS STOP	BY KEYMARK A6063-T5
30	FH01880	1" VERTICAL GLASS STOP	BY KEYMARK A6063-T5
31	FH02641	REINFORCING BAR	BY KEYMARK A6063-T6
32	FS02643	ROLL BACKUP	
33	#1988-9000	TANDEM ROLLER	
34		1" CLEAR TEMPERED INSULATING 0.075 VANCEVA	
35		9/16" CLEAR HEAT STRENGTHENED SENTRY GLASS PLUS	
36		9/16" CLEAR HEAT STRENGTHENED 0.075 VANCEVA	
37	NSB 3/16-3/4-2	GLASS SETTING BLOCK	
38	TP991	1" INSULATED/ IMPACT GLASS STOP VINYL	
39	TP870	9/16" IMPACT GLASS STOP VINYL	
40	TP876	INTERLOCK BUMPER	
41	BF04122-1	WEEP HOLE BAFFLES	
42	NRAHP	PANEL HEIGHT ADJUSTMENT PLUGS	
43	NPG	NYLON PANEL GUIDE	
44	V998B	GLAZING TAPE 1/4" X 3/8"	
45	1414	OLYMPUS HANDLE SET	
46	2468	DUEL POINT MORTISE LOCK & KEEPER SET	
47	1413	OLYMPUS DUMMY HANDLE SET	

BILL OF MATERIAL		
NO.	PART NO.	DESCRIPTION
48	SIKA 552	WET GLAZE
49	W33351NK0000	TOP & BOTTOM RAIL FINSEAL 0.187 X 0.350
50	W33221NK0000	INTERLOCK FINSEAL 0.187 X 0.220
51	W13131NK0000	CORNER STILE FINSEAL 0.187 X 0.130
52		PANEL STILE FINSEAL 0.187 X 0.220
53		SILL ASSY. SCREW #8 X 1/4 PH TYPE F SS
54		HOOK ATTACHMENT SCREW
55		ROLLER INSTAL. SCREWS #8 X 5/8 X 5/8 PH TYPE F SS
56		PANEL ASSEMBLY SCREW #10 X 1 1/4 TYPE F SS
57		FRAME ASSEMBLY SCREW #8 X 5/8 PH TYPE F SS
58		CORNER STILE INSERT SCREW #8 X 2" F.H. SMS TYPE A SS
59		1/4" DIA. RAWL TAPPER
60		#16 INSTALLATION WOOD SCREW
61		#14 X 1" SELF TAPPING SHEET METAL SCREW
62		SILICONE CAULK
63	P7569AM	.750" HIGH X 1.50" X 2.25" DUAL FINNED DUST PAD
64	FS01884	2 TRACK FRAME SILL PAN BY KEYMARK A6063-T5
65	FS01885	2 TRACK FRAME SILL INSERT BY KEYMARK A6063-T5
66	FS01846	2 TRACK FRAME HEAD BY KEYMARK A6063-T6
67	FS01845	2 TRACK FRAME JAMB BY KEYMARK A6063-T6

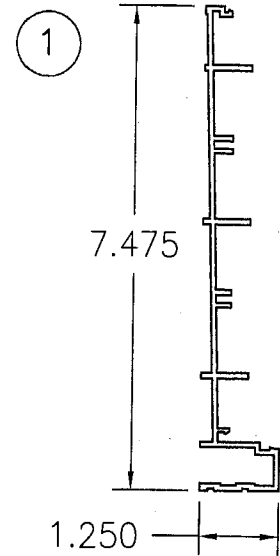
Approved as complying with the
Florida Building Code
Date 03/17/05
NOA# 04-102201
Miami-Dade Product Control
Division
By gn Khalil

A	PER DADE LETTER 12-03-04	12/21/04	BB
SYM	REVISION	DATE	BY

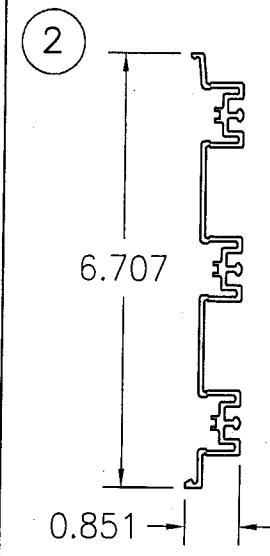
ESN
1/24/05
Eric S. Nielsen
Florida P. E. No. 41323
Product Technology Corporation
1150 Louisiana Ave., Suite 6
Winter Park, Florida 32789
FBPE Certificate of Authorization NO. 8681

WINDOOR, INC.			
1978 STANHOME WAY, ORLANDO, FLORIDA 32804			
TITLE: SERIES 8000 SGD LARGE MISSILE			
BILL OF MATERIALS 4'0 X 10'0 PANELS			
PREPARED BY:	DRN:	DATE:	
PTC Product Technology Corporation	BB	09/13/04	
SCALE:	N.T.S.	DWG. NO:	WIND0082
REV:	A	SHEET:	21 OF 23
Phone 407.622.6334	Fax 407.622.6335		

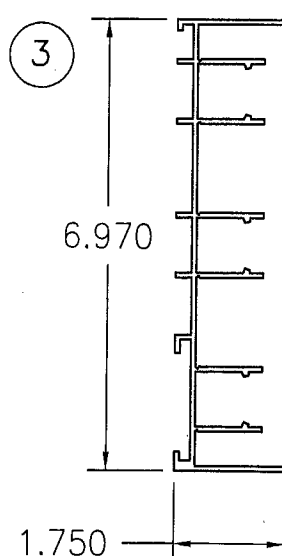
3 TRACK FRAME
SILL PAN TYP.
WALL THICKNESS
0.080



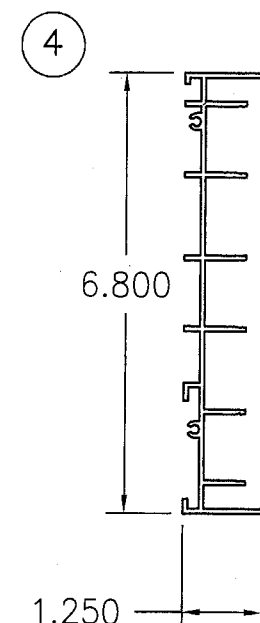
3 TRACK FRAME
SILL INSERT TYP.
WALL THICKNESS
0.075



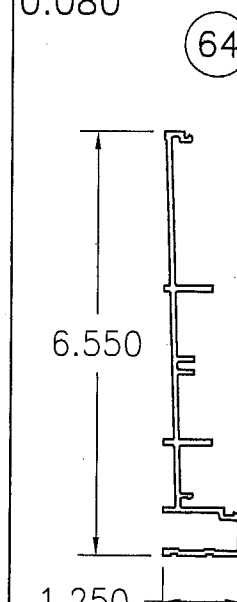
3 TRACK FRAME
HEAD TYP. WALL
THICKNESS 0.075



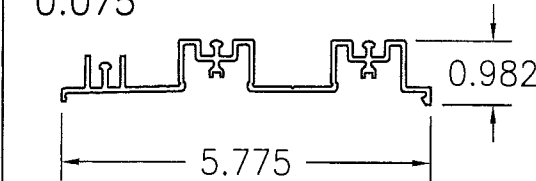
3 TRACK FRAME
JAMB TYP. WALL
THICKNESS 0.075



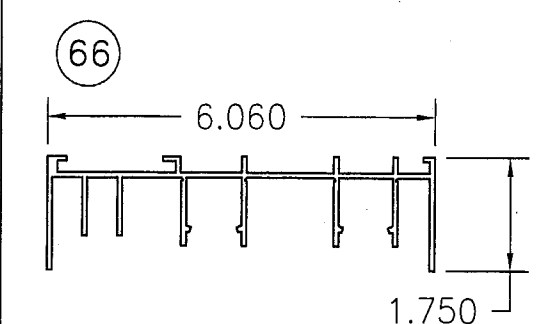
2 TRACK FRAME
SILL PAN TYP.
WALL THICKNESS
0.080



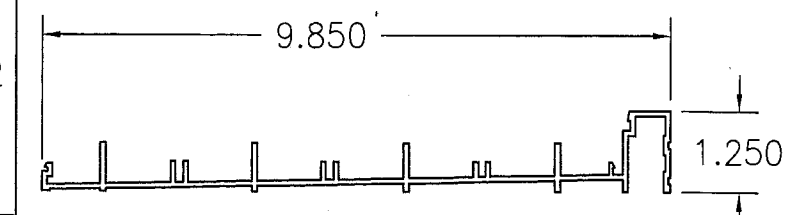
2 TRACK FRAME
SILL INSERT TYP.
WALL THICKNESS
0.075



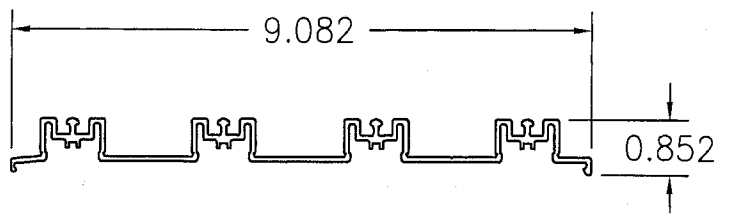
2 TRACK FRAME HEAD TYP.
WALL THICKNESS 0.075



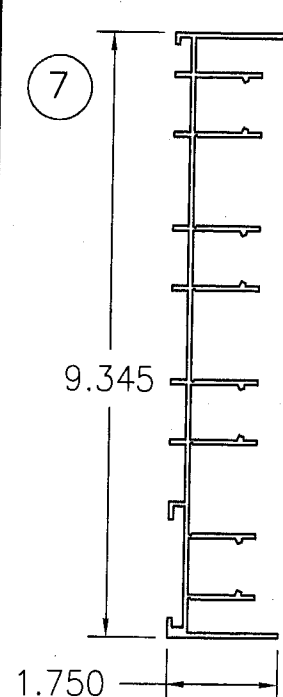
4 TRACK FRAME SILL PAN
TYP. WALL THICKNESS 0.080



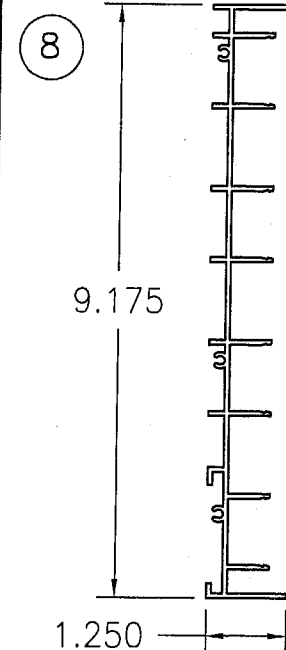
4 TRACK FRAME SILL INSERT
TYP. WALL THICKNESS 0.075



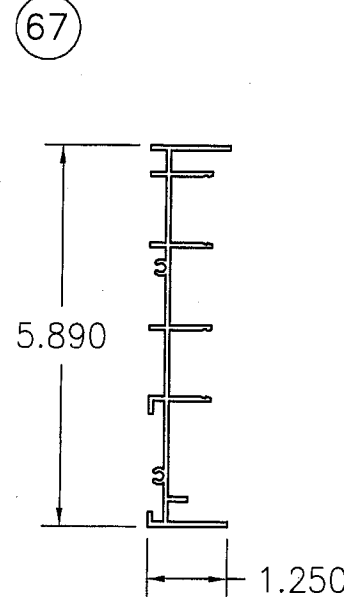
4 TRACK FRAME
HEAD TYP. WALL
THICKNESS
0.075



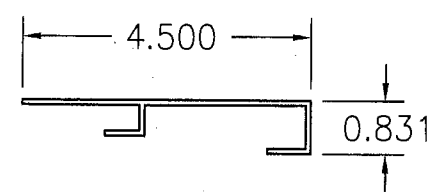
4 TRACK FRAME
JAMB TYP. WALL
THICKNESS
0.075



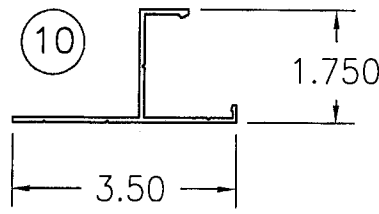
2 TRACK FRAME
JAMB TYP. WALL
THICKNESS 0.075



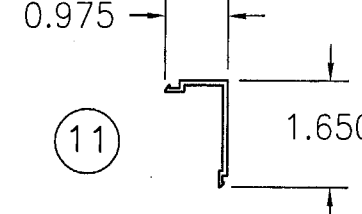
9 HOOK STRIP
TYP. WALL
THICKNESS 0.080



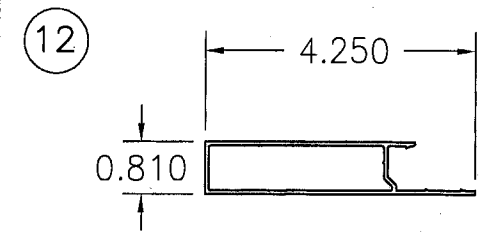
HOOK BASE
TYP. WALL
THICKNESS 0.075



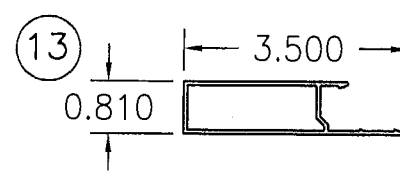
HOOK BASE COVER
TYP. WALL
THICKNESS 0.075



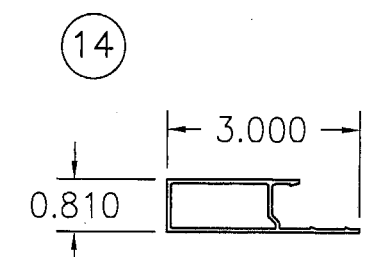
4 1/4" SILL RISER ADD ON
TYP. WALL THICKNESS 0.060



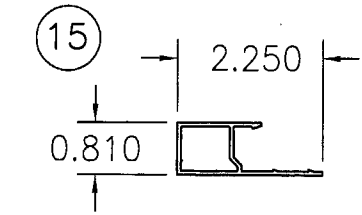
3 1/2" SILL RISER
ADD ON
TYP. WALL
THICKNESS 0.060



3" SILL RISER ADD
ON TYP. WALL
THICKNESS 0.060



2 1/4" SILL RISER
ADD ON
TYP. WALL
THICKNESS 0.060



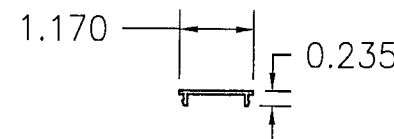
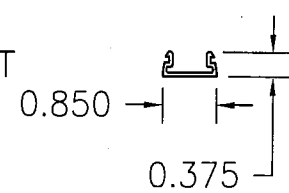
FRAME JAMB INSERT
TYP. WALL
THICKNESS 0.060

20

A	PER DADE LETTER 12-03-04	12/21/04	BB
	REVISION	DATE	BY

FRAME HEAD INSERT
TYP. WALL
THICKNESS 0.060

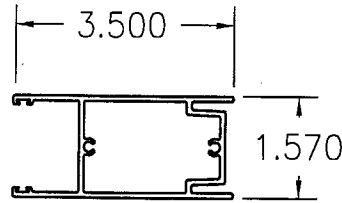
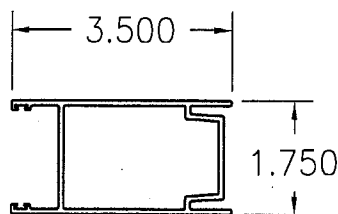
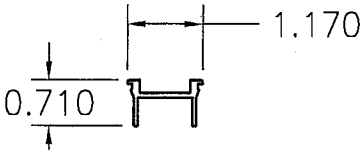
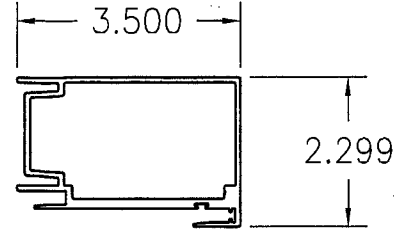
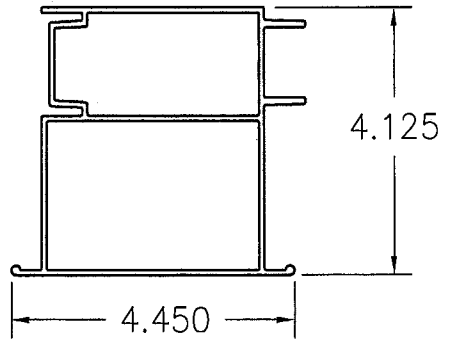
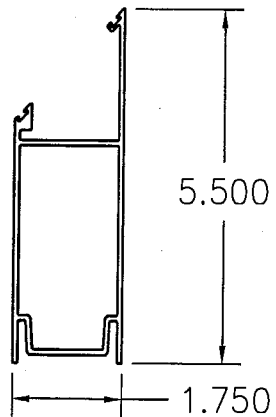
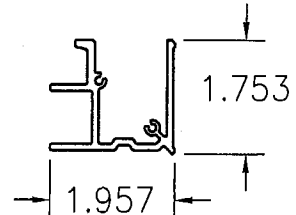
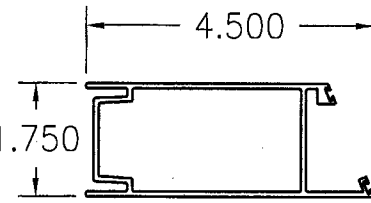
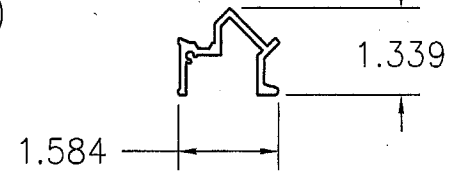
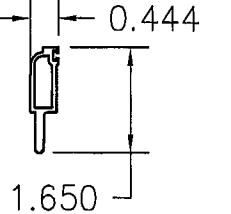
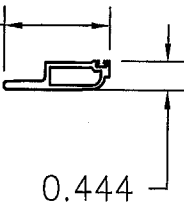
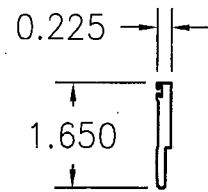
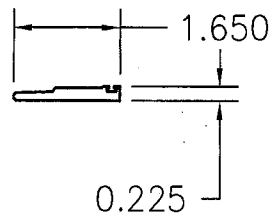
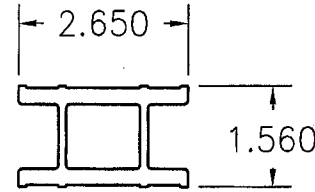
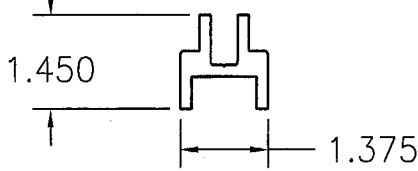
16



Approved as complying with the
Florida Building Code
Date 03/13/05
NOAH 04-1022-01
Miami-Dade Product Control
Division
By *[Signature]*

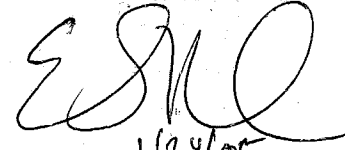
[Signature]
1/24/05
Eric S. Nielsen
Florida P. E. No. 41323
Product Technology Corporation
1150 Louisiana Ave., Suite 6
Winter Park, Florida 32789
FBPE Certificate of Authorization NO. 8681

WINDOOR, INC.
1978 STANHOME WAY ORLANDO, FL 32804
TITLE: SERIES 8000 SGD LARGE MISSILE
COMPONENTS 4'0 X 10'0 PANELS
PREPARED BY: *[Signature]*
DRN: BB
SCALE: NTS
REV: A
DATE: 09/13/04
DWG. NO: WIND0082
SHEET: 22 OF 23
Phone 407.622.6334 Fax 407.622.6335

TOP & BOTTOM RAIL TYP. WALL THICKNESS 0.080 (18) 	LOCK STILE TYP. WALL THICKNESS 0.080 (19) 	STILE JAMB INSERT TYP. WALL THICKNESS 0.060 (17) 	(21) PANEL INTERLOCK STILE TYP. WALL THICKNESS 0.080 	(22) FEMALE BUTT STILE TYP. WALL THICKNESS 0.080 
90° CORNER STILE TYP. WALL THICKNESS 0.080 (23) 	90° CORNER STILE CLIP TYP. WALL THICKNESS 0.080 (24) 	135° CORNER STILE TYP. WALL THICKNESS 0.080 (25) 	135° CORNER STILE CLIP TYP. WALL THICKNESS 0.100 (26) 	HORIZONTAL 9/16" GLASS STOP TYP. WALL THICKNESS 0.070 (27) 
VERTICAL 9/16" GLASS STOP TYP. WALL THICKNESS 0.070 (28) 	HORIZONTAL 1" GLASS STOP MAX. WALL THK. .20" MIN. WALL THK. .09" (29) 	VERTICAL 1" GLASS STOP MAX. WALL THK. .20" MIN. WALL THK. .09" (30) 	(31) REINFORCING BAR MAX. WALL THICKNESS .25" MIN. WALL THICKNESS .125" 	(32) ROLL BACKUP TYP. WALL THICKNESS 0.175 

Approved as complying with the
Florida Building Code
Date 03/13/05
NOAA 04-022-01
Miami Dade Product Control
Division
By [Signature]

A	PER DADE LETTER 12-03-04	12/21/04	BB
SYM	REVISION	DATE	BY


1/24/05
Eric S. Nielsen
Florida P. E. No. 41323
Product Technology Corporation
1150 Louisiana Ave., Suite 6
Winter Park, Florida 32789
FBPE Certificate of Authorization NO. 8681

WINDOOR, INC.			
1978 STANHOME WAY ORLANDO, FL 32804			
TITLE:		SERIES 8000 SGD LARGE MISSILE COMPONENTS 4'0 X 10'0 PANELS	
PREPARED BY:	DRN:	DATE:	
	BB	09/13/04	
Product Technology Corporation	SCALE:	DWG. NO:	
	NTS	WIND0082	
REV:	SHEET:		
A	23 OF 23		
Phone 407.622.6334		Fax 407.622.6335	