



**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)

**Arcadia Architectural Products, Inc.
60 Bonner Street
Standford, CT 06902**

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 Ult-6000 Aluminum Sliding Glass Door- (L.M.I.)

APPROVAL DOCUMENT: Drawing No. **ARC0003**, titled "Series ULT-6000 SGD LM Impact", sheets 1 through 10 of 10, prepared by Product Technology Corporation, dated 07/09/04, 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**

JG
8/19/04



**NOA No 04-0727.02
Expiration Date: September 09, 2009
Approval Date: September 09, 2004
Page 1**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **ARC0003**, Sheets 1 through 10 of 10, titled "Series ULT-6000 SGD LM Impact," prepared by Product Technology Corporation, dated 07/09/04, 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
along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Certified Testing Laboratories Architectural Division, Test Report No. **CTLA-1235WR**, dated 06/11/04, signed and sealed by Ramesh Patel, P.E.

C. CALCULATIONS

1. Anchor Calculations, ASTM- E1300, and structural analysis, prepared by Product Technology Corporation, dated 07/07/04, 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. **01-1204.01** issued to "E.I. Dupont DeNemours" for "Sentry Glass ® Plus" approved on 01/17/02 and expiring on 01/14/07.

F. STATEMENTS

1. Statement letter of conformance and no financial interest, dated 07/14/04, signed and sealed by Eric S. Nielsen, P.E.

G. OTHER

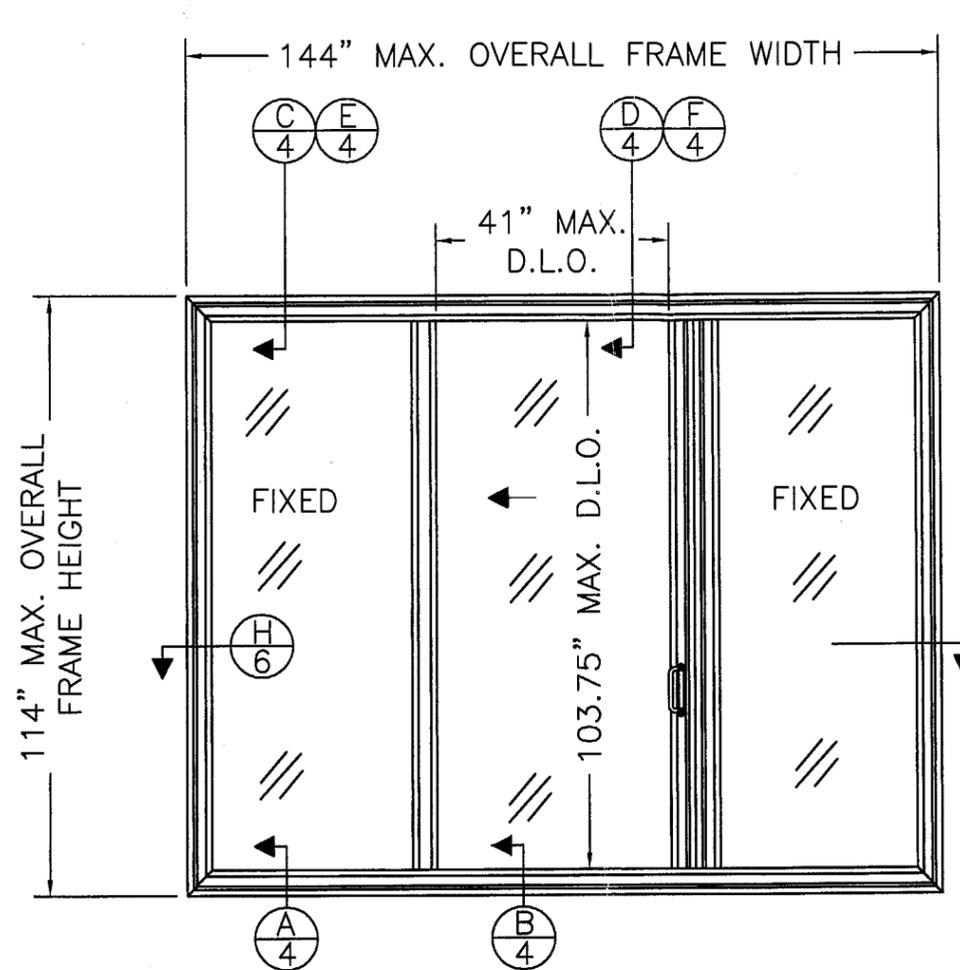
1. Letter from consultant stating that the product is in compliance with the Florida Building Code (FBC).



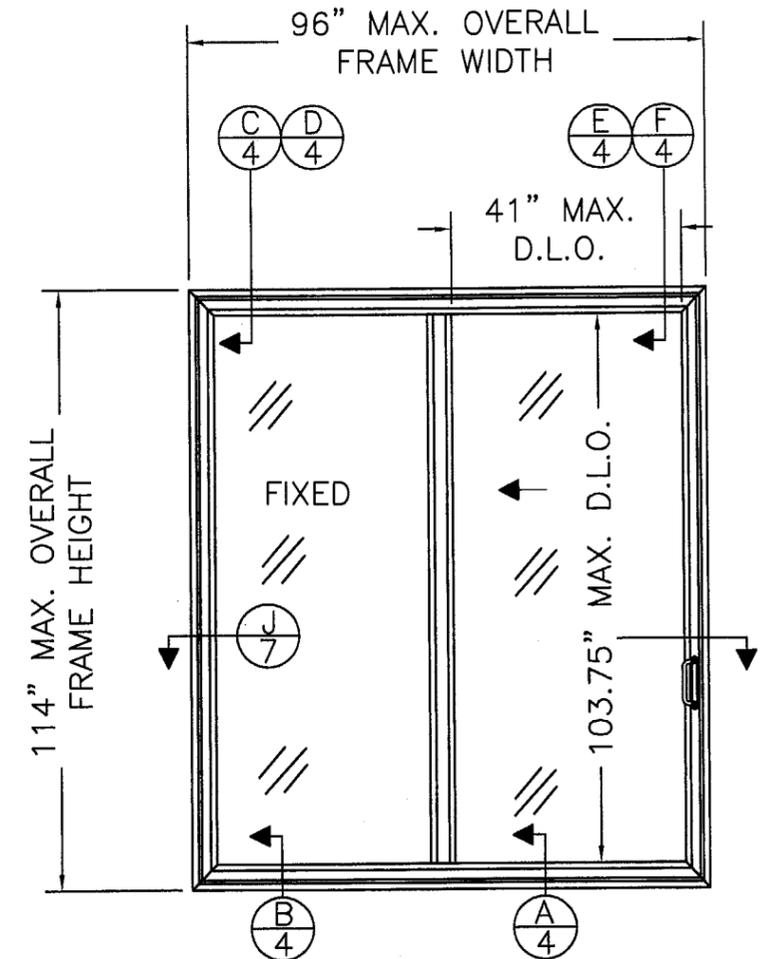
Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 04-0727.02
Expiration Date: September 09, 2009
Approval Date: September 09, 2004

GENERAL NOTES:

- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE HVHZ FLORIDA BUILDING CODE.
- 2) WOOD BUCK TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE, BUCK 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 CHART FOR DESIGN PRESSURE RATING.



ULT-6000 OXO SLIDING GLASS DOOR
 RIGHT HAND SHOWN LEFT HAND OPPOSITE
 MAX. ACTIVE PANEL = 48.250" X 112.000"
 MAX. FIXED PANEL = 46.750" X 112.000"



ULT-6000 OX & XO SLIDING GLASS DOOR OX SHOWN
 MAX. ACTIVE PANEL = 48.250" X 112.000"
 MAX. FIXED PANEL = 46.750" X 112.000"

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1	OXO, OX & XO ELEVATIONS & GENERAL NOTES
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4	VERTICAL CROSS SECTIONS
5	CLIP ANCHORING DETAILS
6	OXXO HORIZONTAL CROSS SECTIONS
7	OXO HORIZONTAL CROSS SECTIONS
8	OX & XO HORIZONTAL CROSS SECTIONS
9	BILL OF MATERIALS
10	UNIT COMPONENTS

CONFIGURATION	SGD SIZE	DESIGN PRESSURE
OXO (RH & LH)	144" X 114"	+100.0 PSF / -100.0 PSF
OX / XO	96" X 114"	+100.0 PSF / -100.0 PSF

Approved as complying with the Florida Building Code
 Date: 09/09/04
 NOA# 04-0323-02
 Miami Dade Product Control Division
 By: *[Signature]*

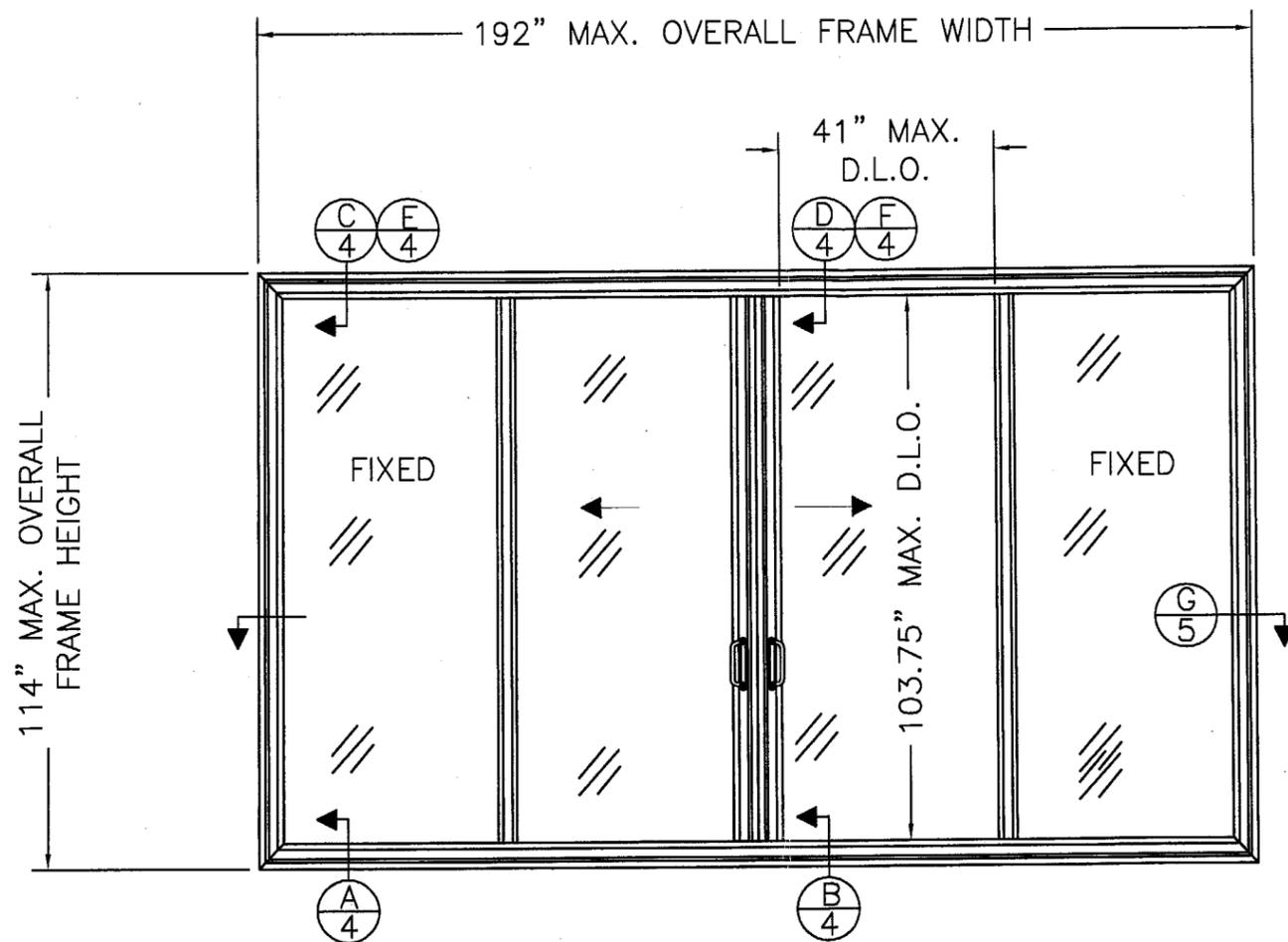
[Signature]
 Eric S. Nielsen, 7/23/04
 Florida P. E. No. 41323.
 Product Technology Corporation
 1150 Louisiana Ave., Suite 6
 Winter Park, Florida 32789

ARCADIA ARCHITECTURAL PRODUCTS, INC.
 STAMFORD, CT.

TITLE: SERIES ULT-6000 SGD LM IMPACT OXO, OX & XO ELEVATIONS AND GENERAL NOTES

PREPARED BY: **PTC** Product Technology Corporation
 DRN: BB DATE: 07/09/04
 SCALE: N.T.S. DWG. NO: ARC0003
 REV. LETTER: SHEET: 1 OF 10

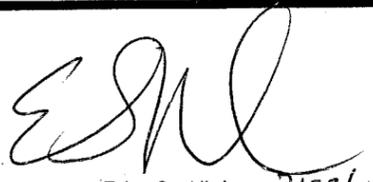
Phone 407.622.6334 Fax 407.622.6335

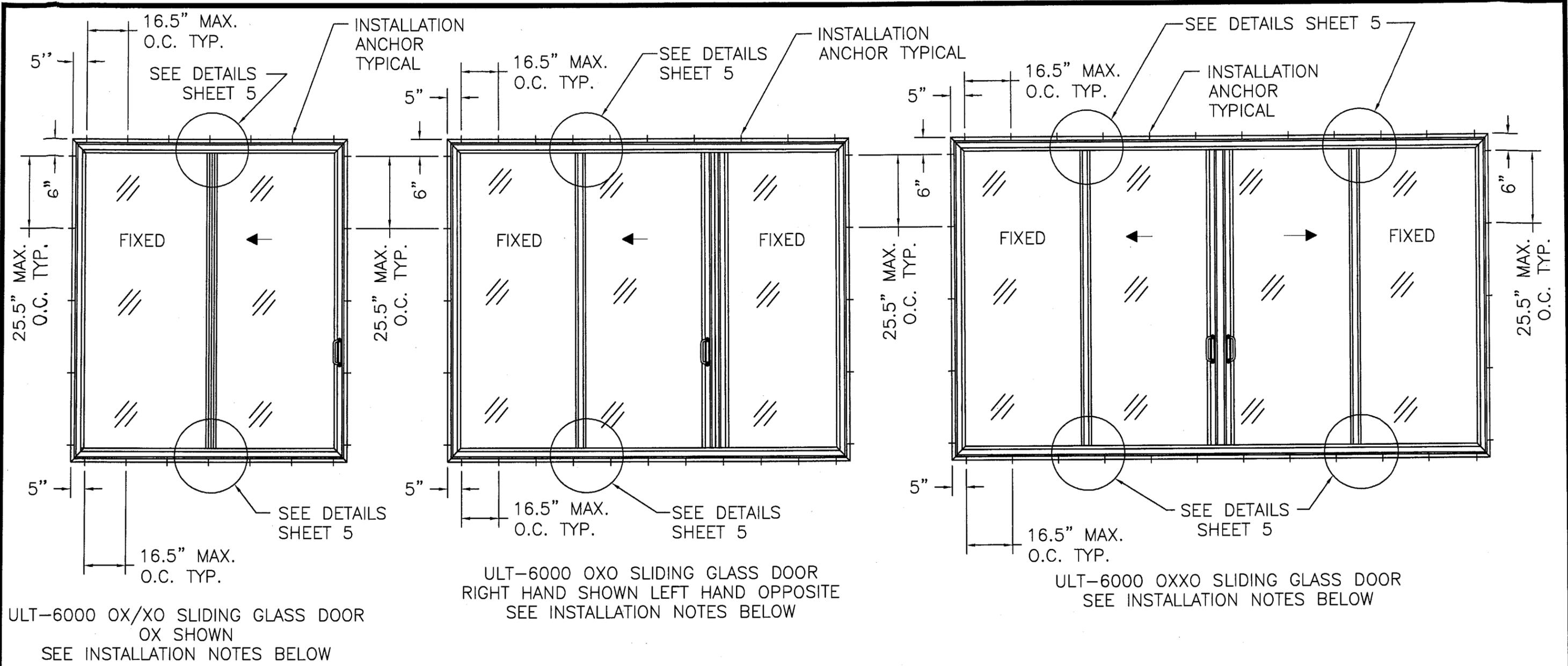


ULT-6000 OXXO SLIDING GLASS DOOR
 MAX. ACTIVE PANEL = 48.250" X 112.000"
 MAX. FIXED PANEL = 46.750" X 112.000"

CONFIGURATION	SGD SIZE	DESIGN PRESSURE
OXXO	192" X 114"	+100.0 PSF/-100.0 PSF

Approved as complying with the
 Florida Building Code
 Date 09/09/04
 NCAS 04-0327-02
 Miami Dade Product Control
 Division
 By *[Signature]*

 Eric S. Nielsen 1123/04 Florida P. E. No. 41323 Product Technology Corporation 1150 Louisiana Ave., Suite 6 Winter Park, Florida 32789	ARCADIA ARCHITECTURAL PRODUCTS, INC. STAMFORD, CT.	
	TITLE: SERIES ULT-6000 SGD LM IMPACT OXXO ELEVATION	
PREPARED BY:  Product Technology Corporation Phone 407.622.6334 Fax 407.622.6335	DRN: BB SCALE: N.T.S. REV. LETTER:	DATE: 07/09/04 DWG. NO: ARC0003 SHEET: 2 OF 10



ULT-6000 OX/XO SLIDING GLASS DOOR
OX SHOWN
SEE INSTALLATION NOTES BELOW

ULT-6000 OXO SLIDING GLASS DOOR
RIGHT HAND SHOWN LEFT HAND OPPOSITE
SEE INSTALLATION NOTES BELOW

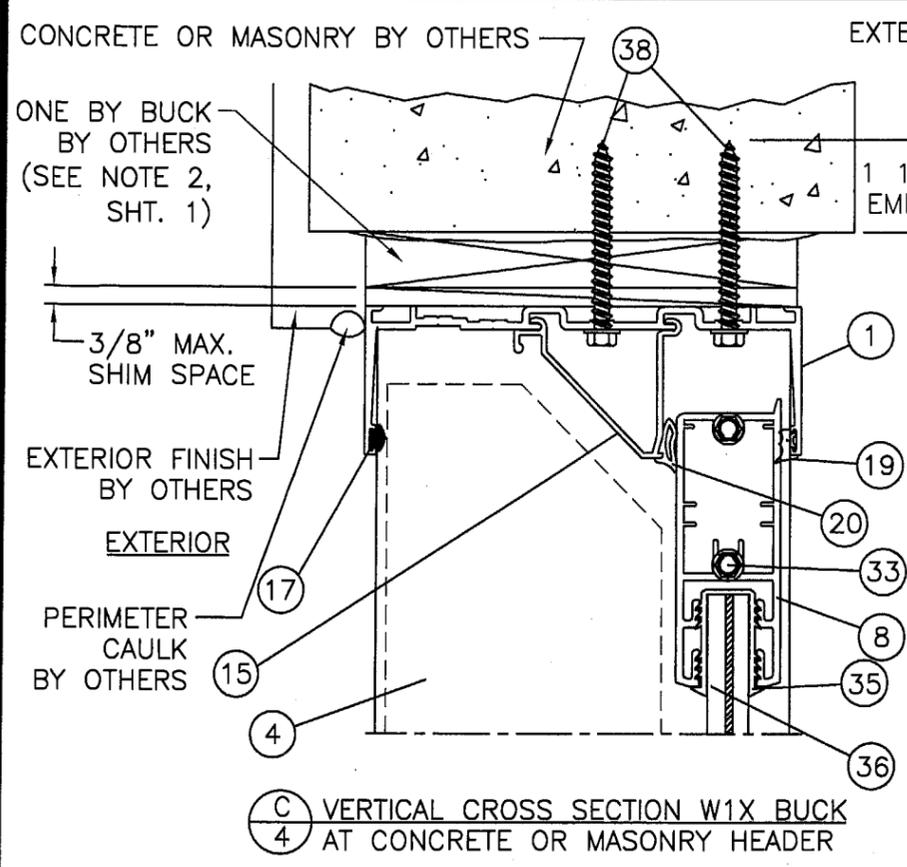
ULT-6000 OXO SLIDING GLASS DOOR
SEE INSTALLATION NOTES BELOW

INSTALLATION NOTES:

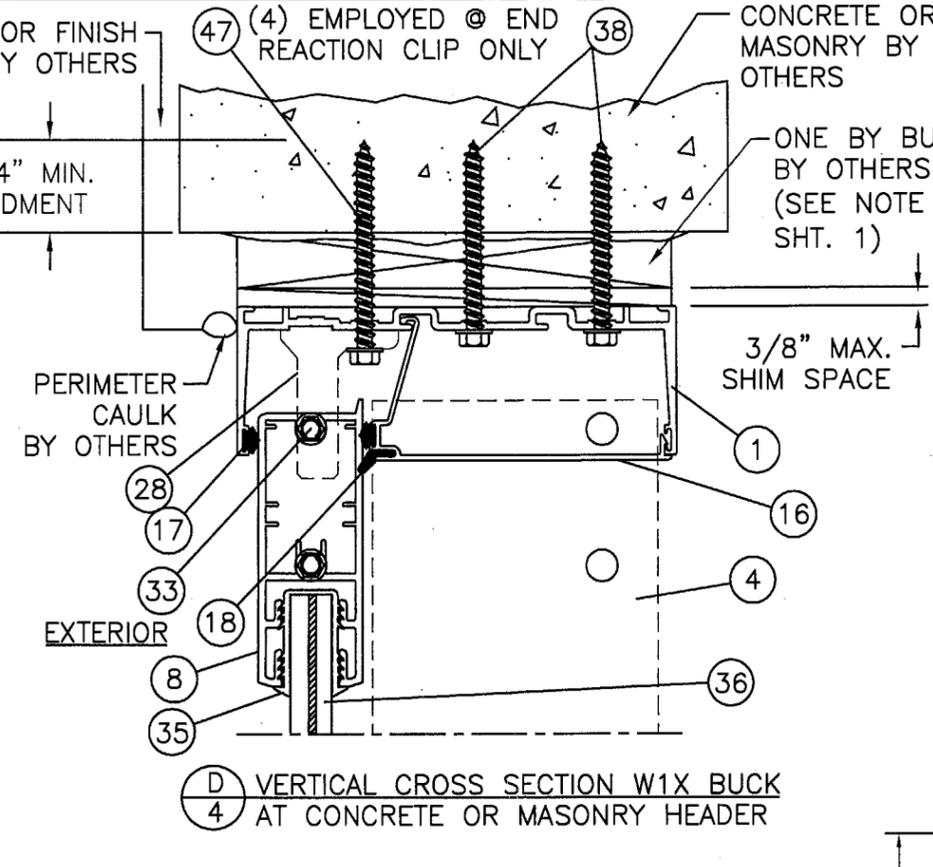
- 1) SHIM AS REQ'D. AT EA. SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 3/8". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT.
- 2) TWO ANCHORS REQUIRED AT EACH LOCATION SHOWN.
- 3) CONCRETE OR MASONRY SUBSTRATE WHERE ONE BY, NON-STRUCTURAL, WOOD BUCKING IS EMPLOYED, USE 1/4" DIA. PERMASEAL TAPPER BY RAWL TYPE CONCRETE SCREW ANCHORS OF SUFFICIENT LENGTH TO ACHIEVE MIN. OF 1 1/4" INTO CONCRETE OR MASONRY.
- 4) WOOD FRAME SUBSTRATE, USE #14 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE MIN. EMBEDMENT OF 1 3/8" INTO WOOD FRAMING, EXCEPT AT VERTICAL ALUMINUM ANGLE WHERE 2" MIN. IS REQUIRED.
- 5) ALL INSTALLATION ANCHOR HEADS MUST BE SEALED WITH DOW 795 SILICONE, ITEM #29.

Approved as complying with the
Florida Building Code
Date 09/09/04
NOA# 02-0222-02
Miami Dept Product Control
Division
By *[Signature]*

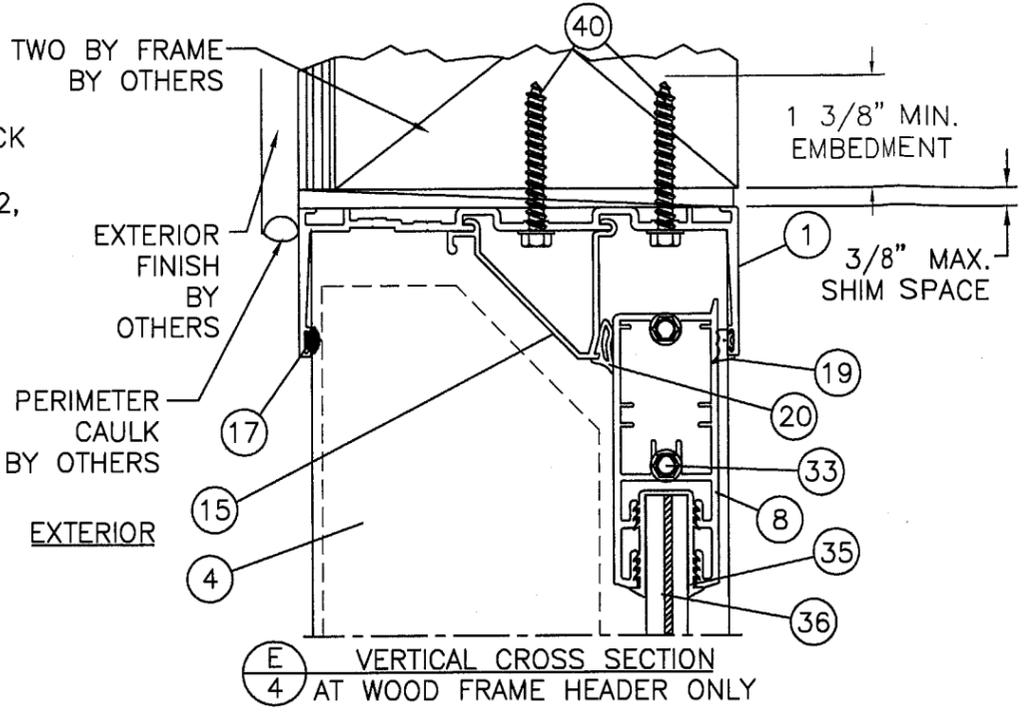
 Eric S. Nielsen 7/23/04 Florida P. E. No. 41323 Product Technology Corporation 1150 Louisiana Ave., Suite 6 Winter Park, Florida 32789	ARCADIA ARCHITECTURAL PRODUCTS, INC. STAMFORD, CT.		
	TITLE: SERIES ULT-6000 SGD LM IMPACT ANCHORING DETAILS		
PREPARED BY: Product Technology Corporation	DRN: BB	DATE: 07/07/04	
Phone 407.622.6334 Fax 407.622.6335	SCALE: NTS	DWG. NO: ARC0003	
	REV. LETTER:	SHEET: 3 OF 10	



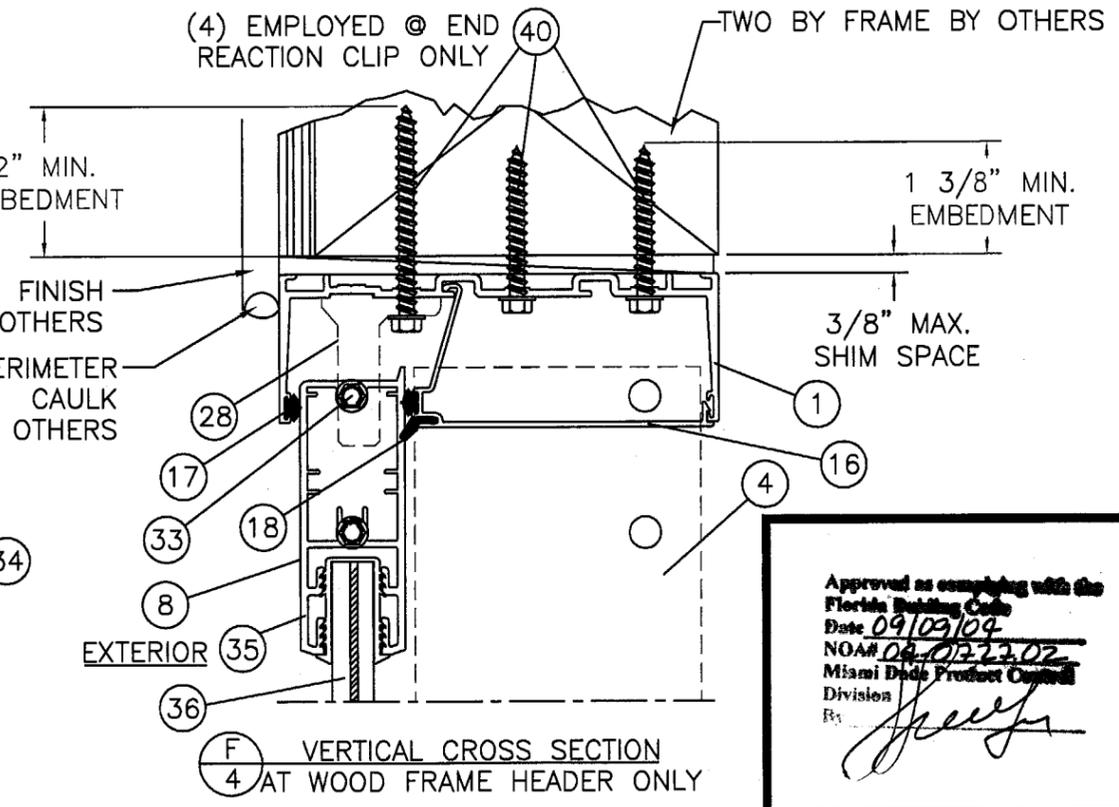
C VERTICAL CROSS SECTION W1X BUCK
4 AT CONCRETE OR MASONRY HEADER



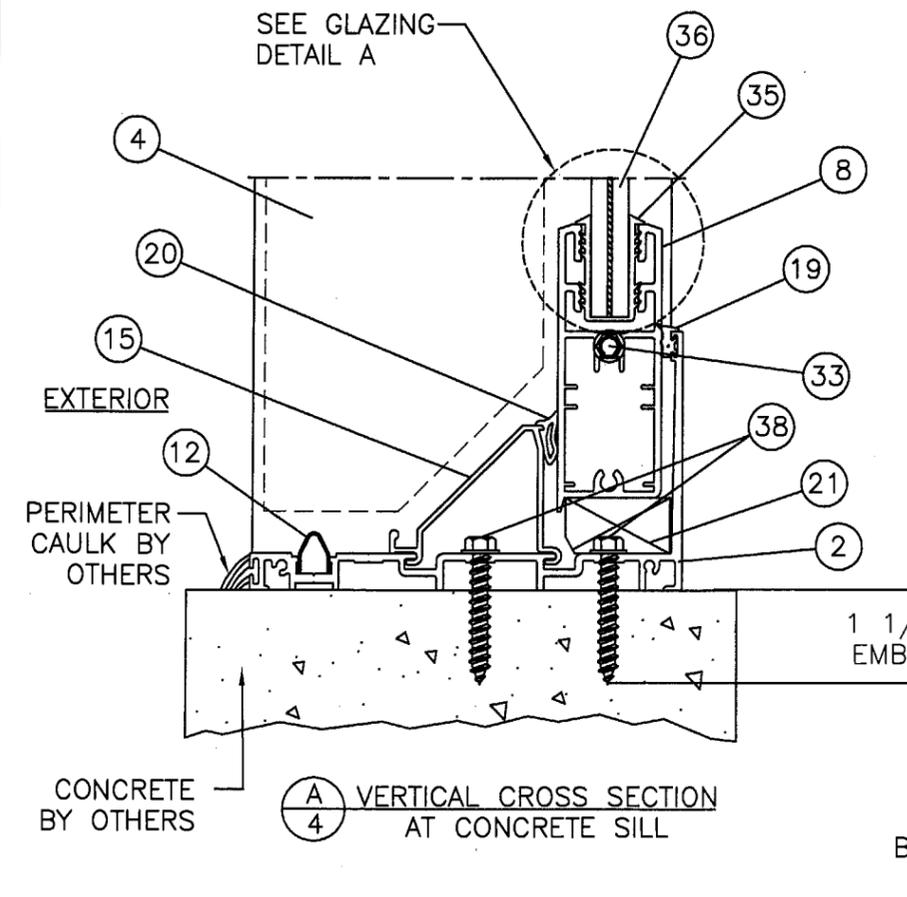
D VERTICAL CROSS SECTION W1X BUCK
4 AT CONCRETE OR MASONRY HEADER



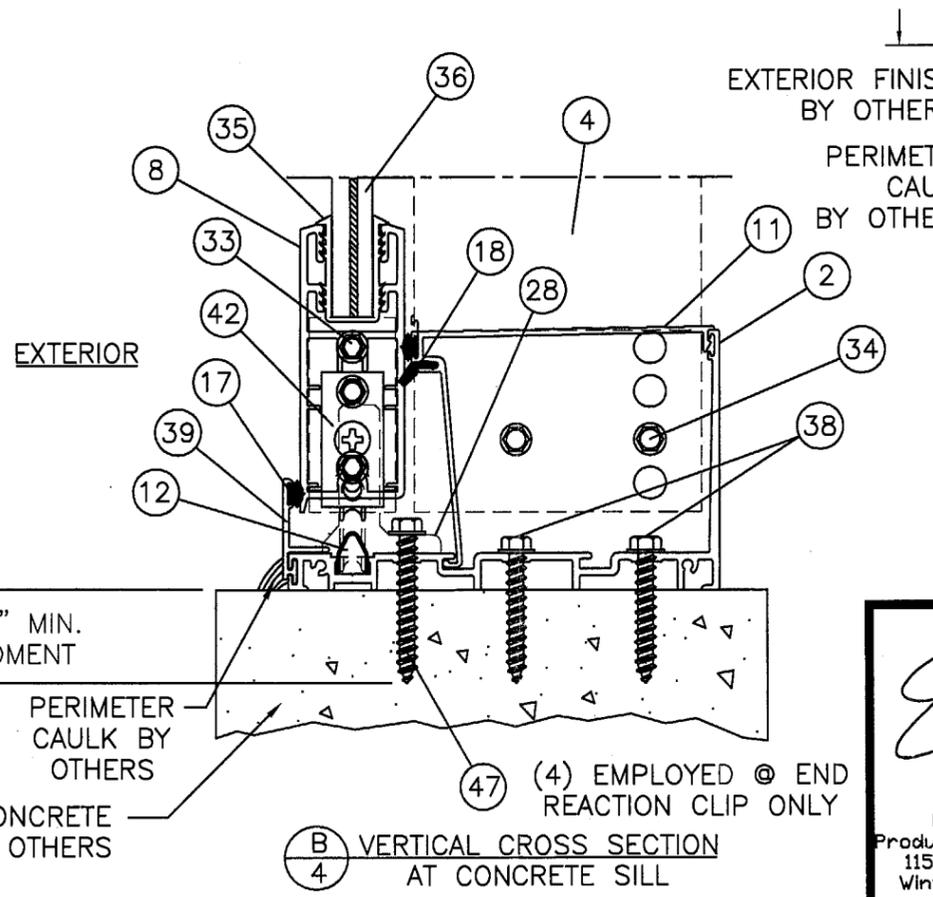
E VERTICAL CROSS SECTION
4 AT WOOD FRAME HEADER ONLY



F VERTICAL CROSS SECTION
4 AT WOOD FRAME HEADER ONLY



A VERTICAL CROSS SECTION
4 AT CONCRETE SILL



B VERTICAL CROSS SECTION
4 AT CONCRETE SILL

Approved as complying with the
Florida Building Code
Date 09/09/04
NOA# 02-022202
Miami Dade Product Control
Division
By: *[Signature]*

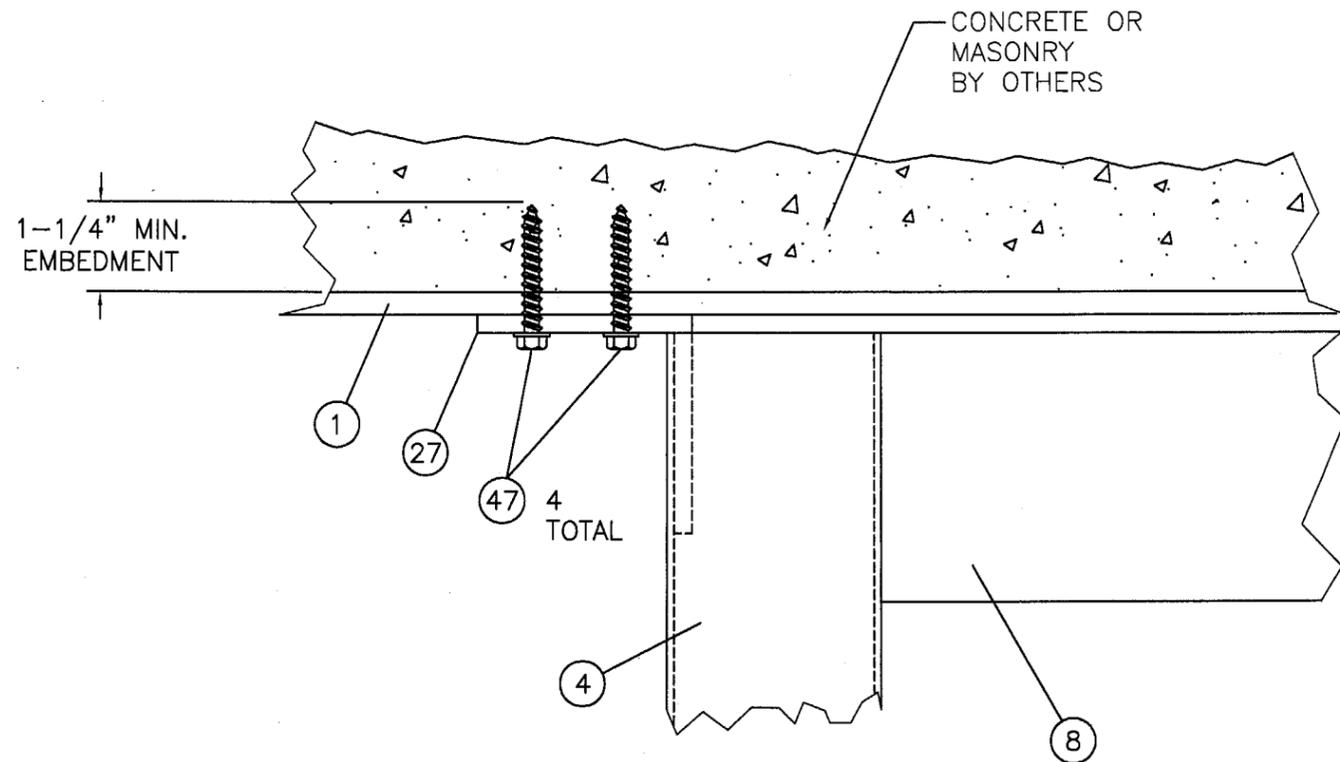
[Signature]
Eric S. Nielsen
Florida P. E. No. 41323
Product Technology Corporation
1150 Louisiana Ave., Suite 6
Winter Park, Florida 32789

ARCADIA ARCHITECTURAL PRODUCTS, INC.
STAMFORD, CT.

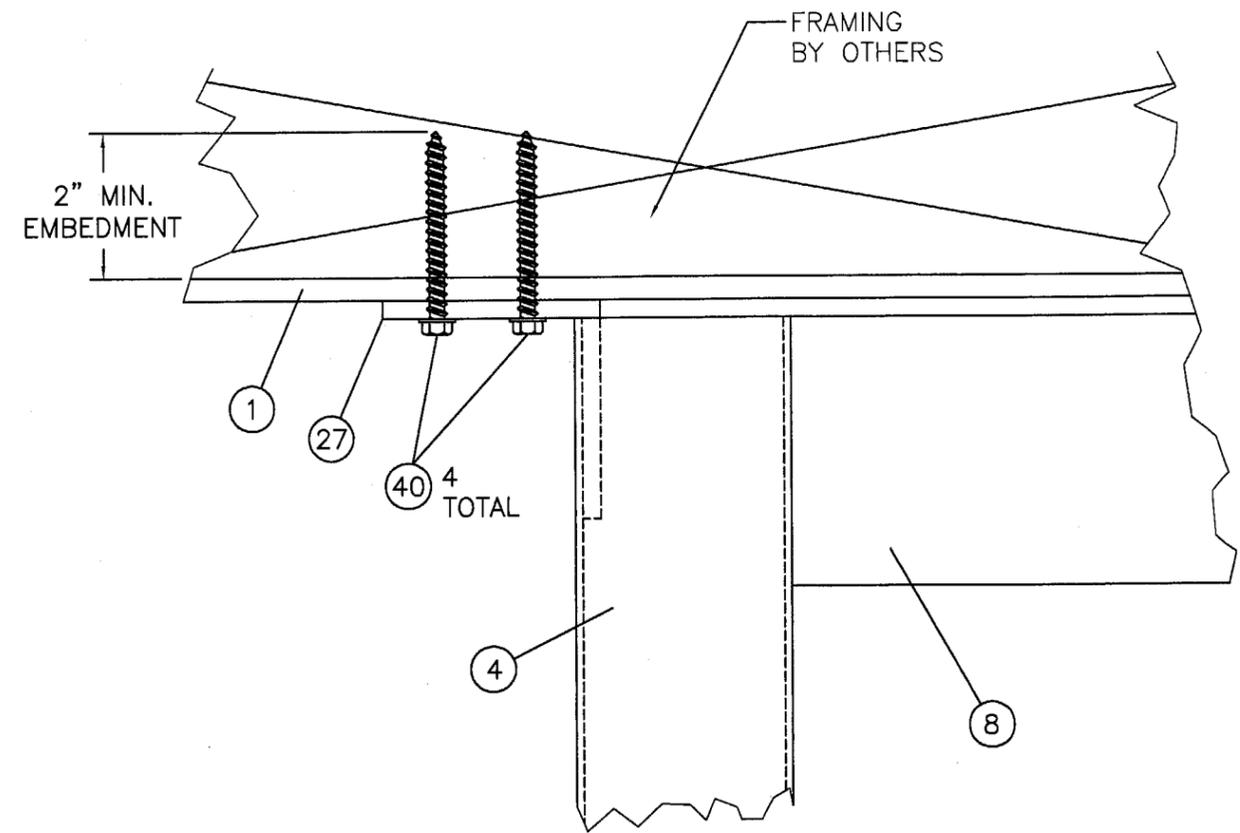
TITLE: SERIES ULT-6000 SGD LM IMPACT
VERTICAL CROSS SECTIONS

PREPARED BY: **PTC** Product Technology Corporation
DRN: BB DATE: 07/09/04
SCALE: N.T.S. DWG. NO: ARC0003
REV. LETTER: SHEET: 4 OF 10

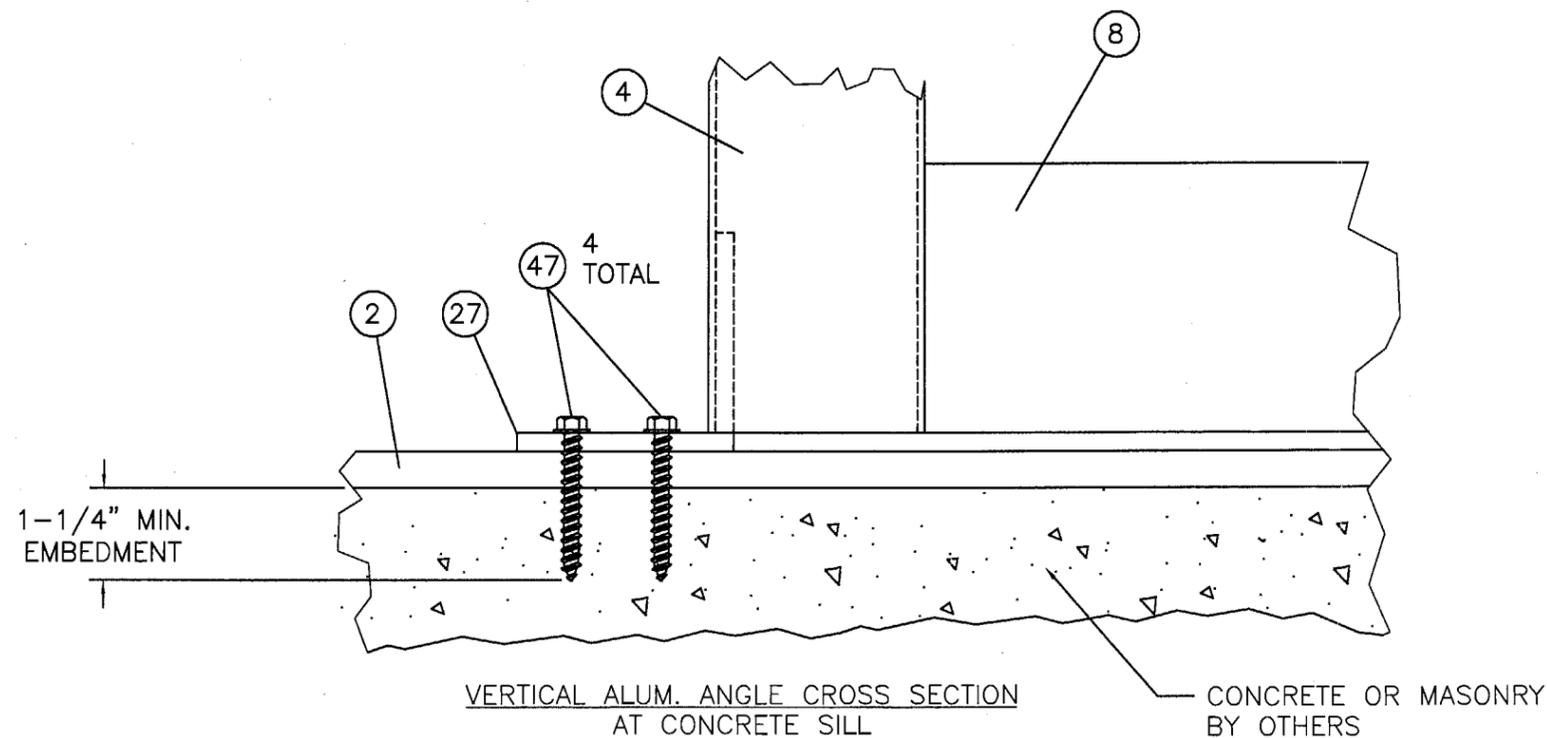
Phone 407.622.6334 Fax 407.622.6335



VERTICAL ALUM. ANGLE CROSS SECTION
AT CONCRETE HEAD



VERTICAL ALUM. ANGLE CROSS SECTION
AT WOOD FRAME HEAD



VERTICAL ALUM. ANGLE CROSS SECTION
AT CONCRETE SILL

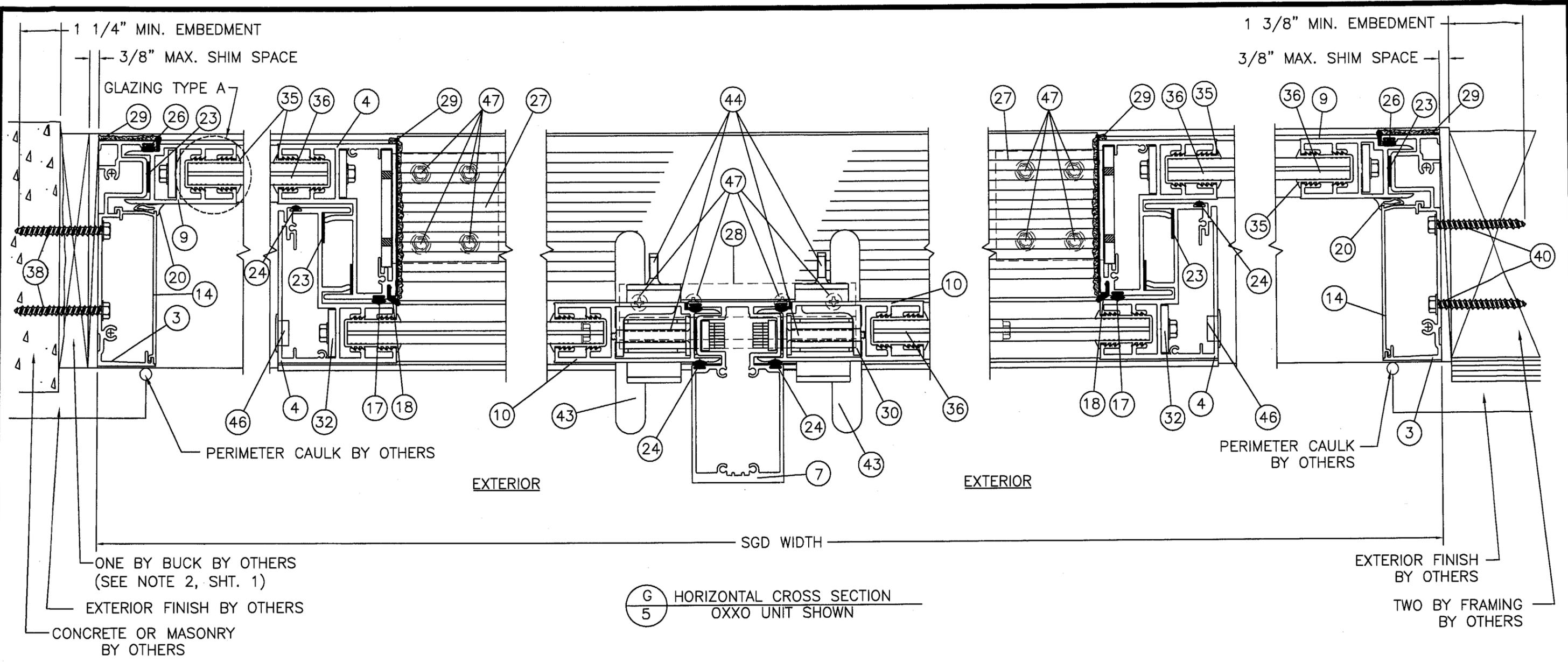
Approved as complying with the
Florida Building Code
Date 09/09/04
NOAA/04-0323.02
Miami Dade Product Control
Division
By *Jury*

ESM
Eric S. Nielsen
Florida P. E. No. 41323
Product Technology Corporation
1150 Louisiana Ave., Suite 5
Winter Park, Florida 32789
7/23/07

ARCADIA ARCHITECTURAL PRODUCTS, INC.
STAMFORD, CT.

TITLE: SERIES ULT-6000 SGD LM IMPACT
CLIP ANCHORING DETAILS

PREPARED BY: PTC Product Technology Corporation	DRN: BB	DATE: 07/09/04
SCALE: N.T.S.	REV. LETTER:	DWG. NO: ARC0003
Phone 407.622.6334 Fax 407.622.6335		SHEET: 5 OF 10



G
5 HORIZONTAL CROSS SECTION
OXXO UNIT SHOWN

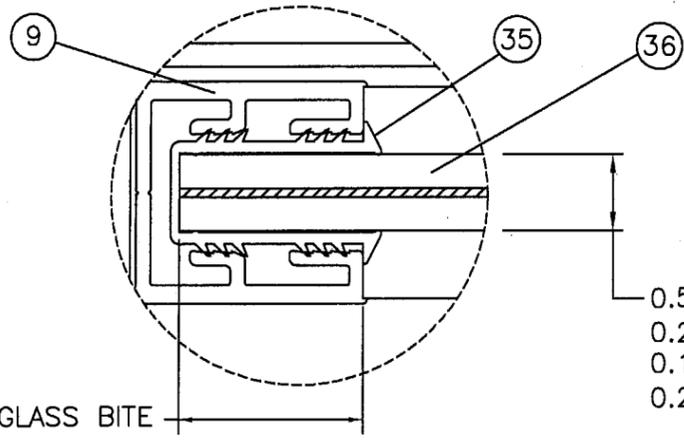
NOTES:

- 1) LEFT END SHOWS TYPICAL 2X FRAME CONSTRUCTION.
- 2) RIGHT END SHOWS TYPICAL CONCRETE OR MASONRY CONSTRUCTION.

FRAME CONSTRUCTION:

- 1) THE EXTRUDED ALUMINUM FRAME HAS BUTTED CORNERS WHICH ARE SECURED TOGETHER WITH (2) #14 X 1 1/4" SMS, (ITEM #45).

Approved as complying with the Florida Building Code
 Date 09/09/04
 NOAS 04-0222.02
 Miami/Dade Product Control Division
 By *[Signature]*

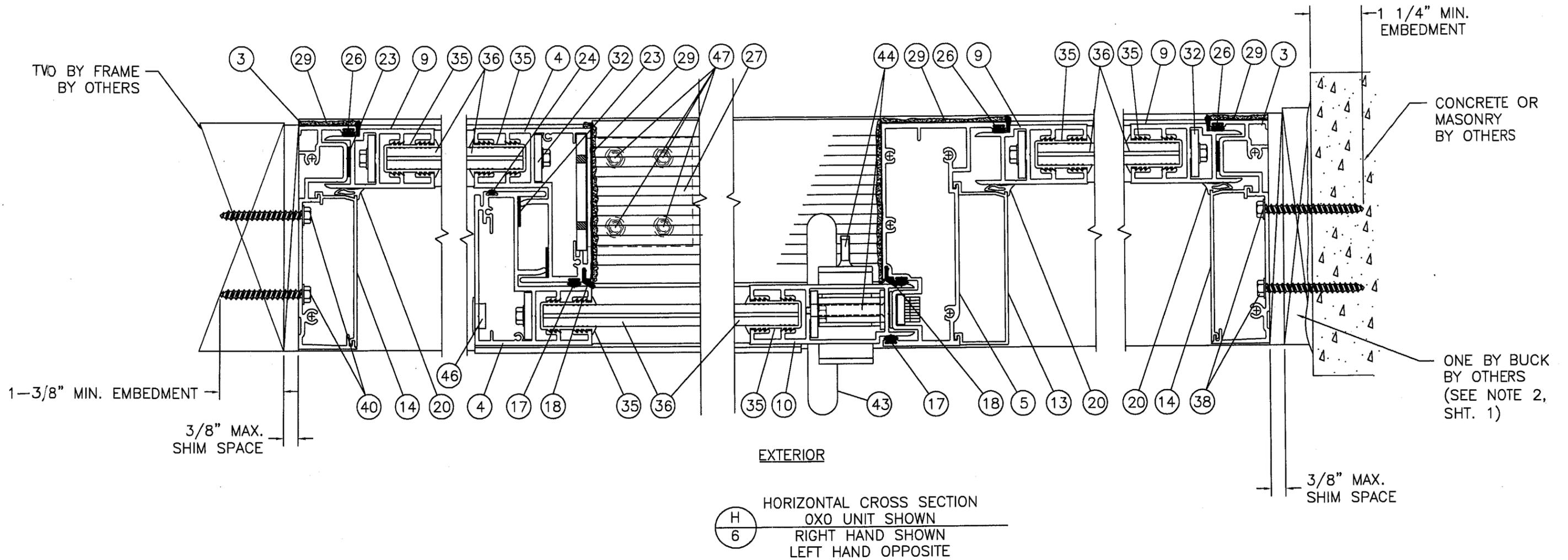


GLAZING DETAIL A
SCALE: 2X

0.544" LAMINATED GLASS CONSISTING OF 0.222" HEAT STRENGTHENED, 0.100 DUPONT SENTRY GALS PLUS, 0.222" HEAT STRENGTHENED

[Signature]
 Eric S. Nielsen 7/23/04
 Florida P. E. No. 41323
 Product Technology Corporation
 1150 Louisiana Ave., Suite 6
 Winter Park, Florida 32789

ARCADIA ARCHITECTURAL PRODUCTS, INC. STAMFORD, CT.		
TITLE: SERIES ULT-6000 SGD LM IMPACT OXXO HORIZONTAL CROSS SECTIONS		
PREPARED BY: PTC Product Technology Corporation	DRN: DRL	DATE: 07/09/04
SCALE: N.T.S.	DWG. NO: ARC0003	
REV. LETTER:	SHEET: 6	OF 10
Phone 407.622.6334	Fax 407.622.6335	



NOTES:

- 1) LEFT END SHOWS TYPICAL 2X FRAME CONSTRUCTION.
- 2) RIGHT END SHOWS TYPICAL CONCRETE OR MASONRY CONSTRUCTION.

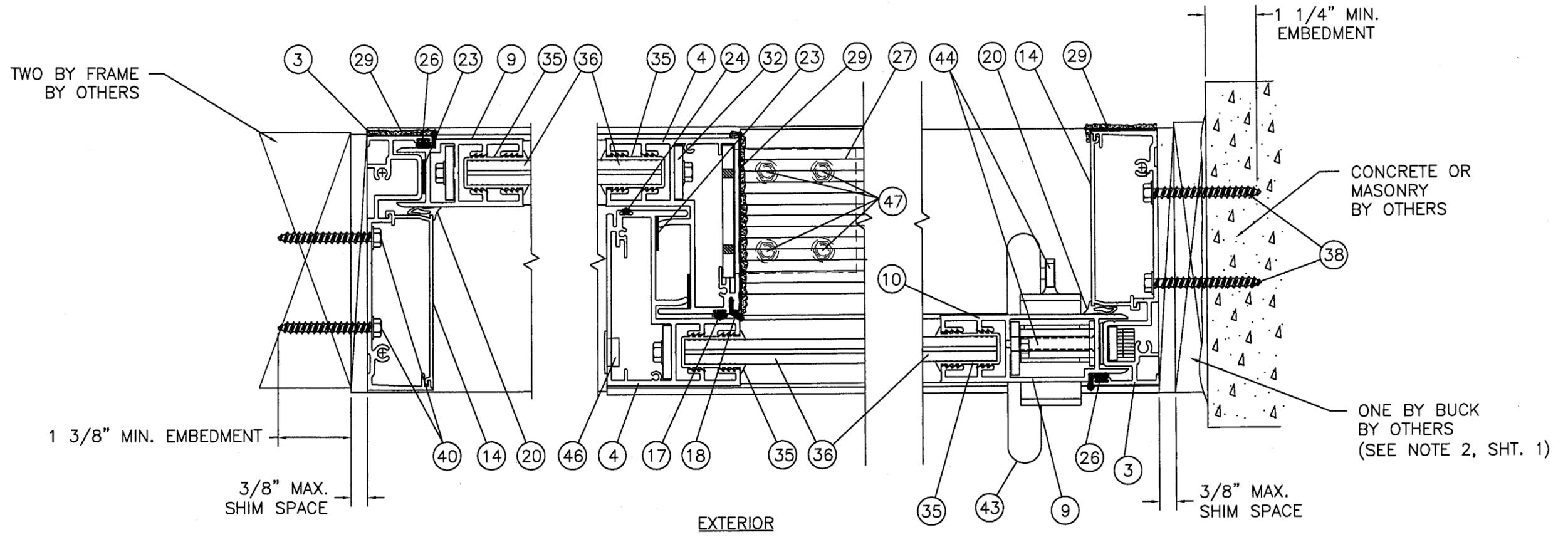
FRAME CONSTRUCTION:

- 1) THE EXTRUDED ALUMINUM FRAME HAS BUTTED CORNERS WHICH ARE SECURED TOGETHER WITH (2) #14 X 1 1/4" SMS, (ITEM #45).

Approved as complying with the Florida Building Code
 Date 09/09/04
 NOA# 04-20222-02
 Miami-Dade Product Control
 Division
 By *[Signature]*

[Signature]
 Eric S. Nielsen 7/23/04
 Florida P. E. No. 41323
 Product Technology Corporation
 1150 Louisiana Ave., Suite 6
 Winter Park, Florida 32789

ARCADIA ARCHITECTURAL PRODUCTS, INC. STAMFORD, CT.			
TITLE: SERIES ULT-6000 SGD LM IMPACT HORIZONTAL OXO CROSS SECTION			
PREPARED BY:	DRN: BB	DATE:	07/09/04
PTC Product Technology Corporation	SCALE: N.T.S.	DWG. NO:	ARC0003
Phone 407.622.6334 Fax 407.622.6335	REV. LETTER:	SHEET:	7 OF 10



J
7
HORIZONTAL CROSS SECTION
OX UNIT SHOWN
XO OPPOSITE

NOTES:

- 1) LEFT END SHOWS TYPICAL 2X FRAME CONSTRUCTION.
- 2) RIGHT END SHOWS TYPICAL CONCRETE OR MASONRY CONSTRUCTION.

FRAME CONSTRUCTION:

- 1) THE EXTRUDED ALUMINUM FRAME HAS BUTTED CORNERS WHICH ARE SECURED TOGETHER WITH (2) #14 X 1 1/4" SMS, (ITEM #45).

Approved as complying with the Florida Building Code
 Date 09/09/04
 NCAS 04-022202
 Miami Dade Product Control Division
 By *[Signature]*

[Signature]
 Eric S. Nielsen 7/23/04
 Florida P. E. No. 41323
 Product Technology Corporation
 1150 Louisiana Ave., Suite 6
 Winter Park, Florida 32789

ARCADIA ARCHITECTURAL PRODUCTS STAMFORD, CT.			
TITLE: SERIES ULT-6000 SGD LM IMPACT HORIZONTAL OX DETAIL			
PREPARED BY: PTC Product Technology Corporation	DRN: BB	DATE: 07/09/04	
	SCALE: N.T.S.	DWG. NO: ARC0003	
	REV. LETTER:	SHEET: 8 OF 10	
Phone 407.622.6334 Fax 407.622.6335			

ITEM NO	PART NO	DESCRIPTION
1	06000920	FRAME HEAD 6.000" X 2.000" X .094" 6063-T6 ALUMINUM
2	06000901	FRAME SILL 5.875" X 3.500" X .094" 6063-T6 ALUMINUM
3	06000910	FRAME JAMB FIXED/LATCH 5.656" X 1.486" X .100 6063-T6 ALUMINUM
4	06000932	INTERLOCK STILE 3.900" X 3.001" X .100" 6063-T6 ALUMINUM
5	06000915	B JAMB STILE 5.656" X 3.250" X .100" 6063-T6 ALUMINUM
6	05000909	NOT USED
7	06000919	MEETING STILE 5.511" X 2.571" X .100" 6063-T6 ALUMINUM
8	06000951	TOP & BOT. RAIL 3.881" X 1.430" X .100" 6063-T6 ALUMINUM
9	06000930	FIXED STILE 2.881" X 1.500" X .100" 6063-T6 ALUMINUM
10	06000931	LATCH STILE 4.233" X 1.500" X .100" 6063-T6 ALUMINUM
11	06000908	THRESHOLD 4.127" X 3.195" X .070" 6063-T6 ALUMINUM
12	09500089SS	TRACK INSERT .484" X .555" X .026" STAINLESS STEEL
13	06000914	B JAMB STOP 4.136" X 1.365" X .070" 6063-T6 ALUMINUM
14	06000911	FIXED JAMB/LATCH STOP 3.941" X 1.08" X .070" 6063-T6 ALUMINUM
15	06000925	FIXED PANEL STOP 2.318" X 1.876" X .080" 6063-T6 ALUMINUM
16	06000924	HEAD FILLER 4.126" X 1.943" X .060" 6063-T6 ALUMINUM
17	09501102	0.270 X 0.270 FINSEAL
18	09550010	QEZD 250 Q-LON GASKET
19	0956009	1/8 EPDM GASKET
20	0955005	3/16" GLAZING WEDGE
21	PURCHASE	EPDM SETTING BLOCK
22	PURCHASE	EPDM GASKET
23	PURCHASE	ADHESIVE GASKET
24	09501109	0.270 X 0.150 PILE
25	06000912	LATCH JAMB STOP
26	09501109	Q-LON 0.270 X 0.275
27	PURCHASE	3" X 3" X 1/4" ALUM. ANGLE
28	095600028	END REACTION CLIP 1.625" X 2.050" X 5.250" 6063-T6 ALUMINUM
29	PURCHASE	DOW 795 SILICONE SEALANT
30	PURCHASE	1-1/4" X 1-3/4" X 3/16" STL. AGL.
31	PURCHASE	NOT USED
32	PURCHASE	1 3/16" X 2-3/16" X 3/16" STL. AGL.
33	PURCHASE	1/4-20 X 2-1/4" HWH M.S.
34	PURCHASE	#12 X 3/8" MSH HD
35	PURCHASE	GLAZING VINYL GASKET VINYL 9/16" X 1.25" FULL LENGTH
36	PURCHASE	LAMINATED IMPACT GLASS HEAT STRENGTHENED .544" OVERALL
37	PURCHASE	MORTISE LOCK & KEEPER RYADON
38	PURCHASE	1/4" DIA. RAWL TAPPER
39	ARC1003	SILL RETAINER 1.410" X .546" X .080" 6063-T6 ALUMINUM
40	PURCHASE	#14 WOOD SCREW
41	PURCHASE	#12 X 1-1/2" HWH SMS
42	09500061	TANDEM ROLLER ASSEMBLY TRUTH HARDWARE STAINLESS STEEL
43	095000125/6	HANDLE PULL SET ROCKWOOD MFG.
44	09560024	LOCK SET ADAMS RITE #1953
45	09560020	#14 X 1 1/4" S.M.S. ASSEMBLY SCREW
46	09560023	PUSH PLUG 1-11/16" PLASTIC
47	PURCHASE	5/16" DIA. ELCO TAPCON
48	PURCHASE	#14 X 1 1/4" S.M.S. ASSEMBLY SCREW

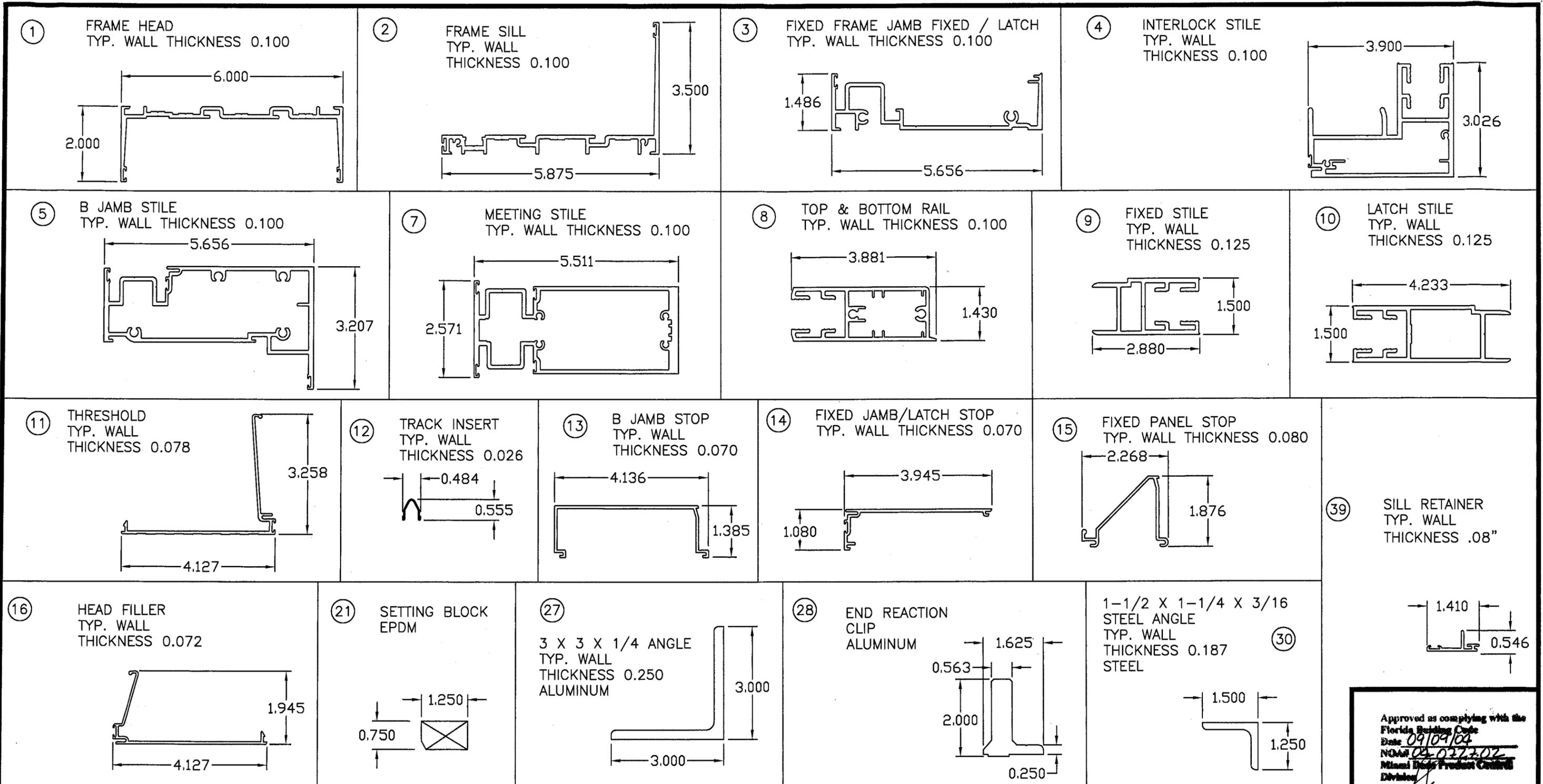
Approved as complying with the Florida Building Code
Date 09/09/04
NOA# 08-0323-02
Miami Dade Product Control
Division
By *[Signature]*

[Signature]
Eric S. Nielsen 7/23/04
Florida P. E. No. 41323
Product Technology Corporation
1150 Louisiana Ave., Suite 6
Winter Park, Florida 32789

ARCADIA ARCHITECTURAL PRODUCTS, INC.
STAMFORD, CT.

TITLE: SERIES ULT-6000 SGD LM IMPACT
BILL OF MATERIAL

PREPARED BY: **PTC** Product Technology Corporation
DRN: BB DATE: 07/09/04
SCALE: N.T.S. DWG. NO: ARC0003
REV. LETTER: SHEET: 9 OF 10
Phone 407.622.6334 Fax 407.622.6335



Approved as complying with the
Florida Building Code
Date 09/09/04
NCMA 02-022202
Miami Code Product Control
Division
By *[Signature]*

[Signature]
Eric S. Nielsen
Florida P. E. No. 41323
Product Technology Corporation
1150 Louisiana Ave., Suite 6
Winter Park, Florida 32789

ARCADIA ARCHITECTURAL PRODUCTS, INC.
STAMFORD, CT.

TITLE:	SERIES ULT-6000 SGD LM IMPACT COMPONENTS		
PREPARED BY:	PTC Product Technology Corporation	DRN:	DRL
DATE:	07/07/04	SCALE:	N.T.S.
REV. LETTER:		DWG. NO.:	ARC0003
PHONE:	407.622.6334	FAX:	407.622.6335
SHEET:	10 OF 10		