



MIAMI-DADE
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)

Glasswall and Doors, Inc.
3945 NW 32 Avenue
Miami, FL 33142

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series 101 Aluminum Window Wall – Large Missile Impact

APPROVAL DOCUMENT: Drawing No. **02-0164**, dated 02/11/02, with revision #2 dated 6/20/02, titled "Series: 101 Aluminum Window Wall Large Missile Impact", sheets 1 through 5, prepared by Kelvyn A. Whitfield, Mechanical Engineer, signed and sealed by Kelvyn A. Whitfield, 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 Resistant

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 revises NOA # **01-0402.02** and consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Manuel Perez, P.E.**



NOA No 02-0329.02
Expiration Date: Sept. 27, 2006
Approval Date: July 25, 2002
Page 1

Glasswall and Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **02-0164**, dated 02/11/02, with revision #2 dated 6/20/02, titled "Series: 101 Aluminum Window Wall Large Missile Impact", sheets 1 through 5, prepared by Kelvyn A. Whitfield, Mechanical Engineer, signed and sealed by Kelvyn A. Whitfield, P.E.

B. TESTS

1. Test reports on
 - 1) Air Infiltration Test, per SFBC, PA 202-94
 - 2) Uniform Static Air Pressure Test, Loading per SFBC PA 202-94
 - 3) Water Resistance Test, per SFBC, PA 202-94
 - 4) Large Missile Impact Test per SFBC, PA 201-94
 - 5) Cyclic Wind Pressure Loading per SFBC, PA 203-94

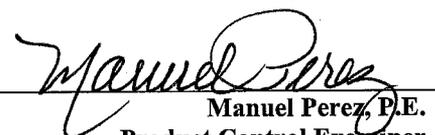
along with marked-up drawings and installation diagram of 1 specimen of a series 101 aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3348**, dated February 5, 2002, signed and sealed by Luis A. Figueredo, P.E.

2. Test reports on
 - 1) Air Infiltration Test, per SFBC, PA 202-94
 - 2) Uniform Static Air Pressure Test, Loading per SFBC PA 202-94
 - 3) Water Resistance Test, per SFBC, PA 202-94
 - 4) Small Missile Impact Test per SFBC, PA 201-94
 - 5) Cyclic Wind Pressure Loading per SFBC, PA 203-94

along with marked-up drawings and installation diagram of a series 101 aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3349**, dated February 7, 2002, signed and sealed by Luis A. Figueredo, P.E.

3. Test reports on
 - 1) Air Infiltration Test, per SFBC, PA 202-94
 - 2) Uniform Structural load Test, Loading per SFBC, PA 202-94
 - 3) Water Resistance Test, per SFBC, PA 202-94
 - 4) Large Missile Impact Test per SFBC, PA 201-94
 - 5) Small Missile Impact Test per SFBC, PA 201-94
 - 6) Cyclic Wind Pressure Loading per SFBC, PA 203-94

Along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Construction Testing Corporation, Test Report No. **01-002**, dated March 19, 2001, signed and sealed by Yamil G. Kuri, P.E., and additional information describing tests sequence, provided by Construction Testing Corporation and dated 1/17/01. (*Submitted under previous approval 01-0402.02*)


Manuel Perez, P.E.

Product Control Examiner
NOA No 02-0329.02

Expiration Date: Sept. 27, 2006

Approval Date: July 25, 2002

Glasswall and Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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C. CALCULATIONS

1. Anchor Calculations and structural analysis, dated 2/11/02, with revision dated 6/21/02, prepared by Kelvyn A. Whitfield, Mechanical Engineer, signed and sealed by Kelvyn A. Whitfield, P.E.

D. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **01-1204.01** issued to E.I. DuPont DeNemours for their "Sentry Glass ® Plus" dated 01/17/02, expiring on 01/14/07.

E. STATEMENTS

1. Statement letter of conformance, dated February 11, 2002, signed and sealed by Kelvyn A. Whitfield, P.E.
2. Statement letter of no financial interest, dated February 11, 2002, signed and sealed by Kelvyn A. Whitfield, P.E.
3. Laboratory compliance letter for Test Report no. FTL- 3349, issued by Fenestration Testing Laboratory, Inc., dated February 20, 2002, signed and sealed by Luis A. Figueredo, P.E.
4. Letter of *Adoption of as his Own, the Work of Another Engineer* per Section 61G15-27 of the FBPE, dated June 21st, 2002 signed and sealed by Kelvyn A. Whitfield, P.E.

F. OTHER

1. Notice of Acceptance No. **01-0402.02**, issued to Glasswall and Doors, Inc. for their Series 101 Aluminum Window Wall System – Impact Resistant, approved on 09/27/01 and expiring on 09/27/06.


Manuel Perez, P.E.

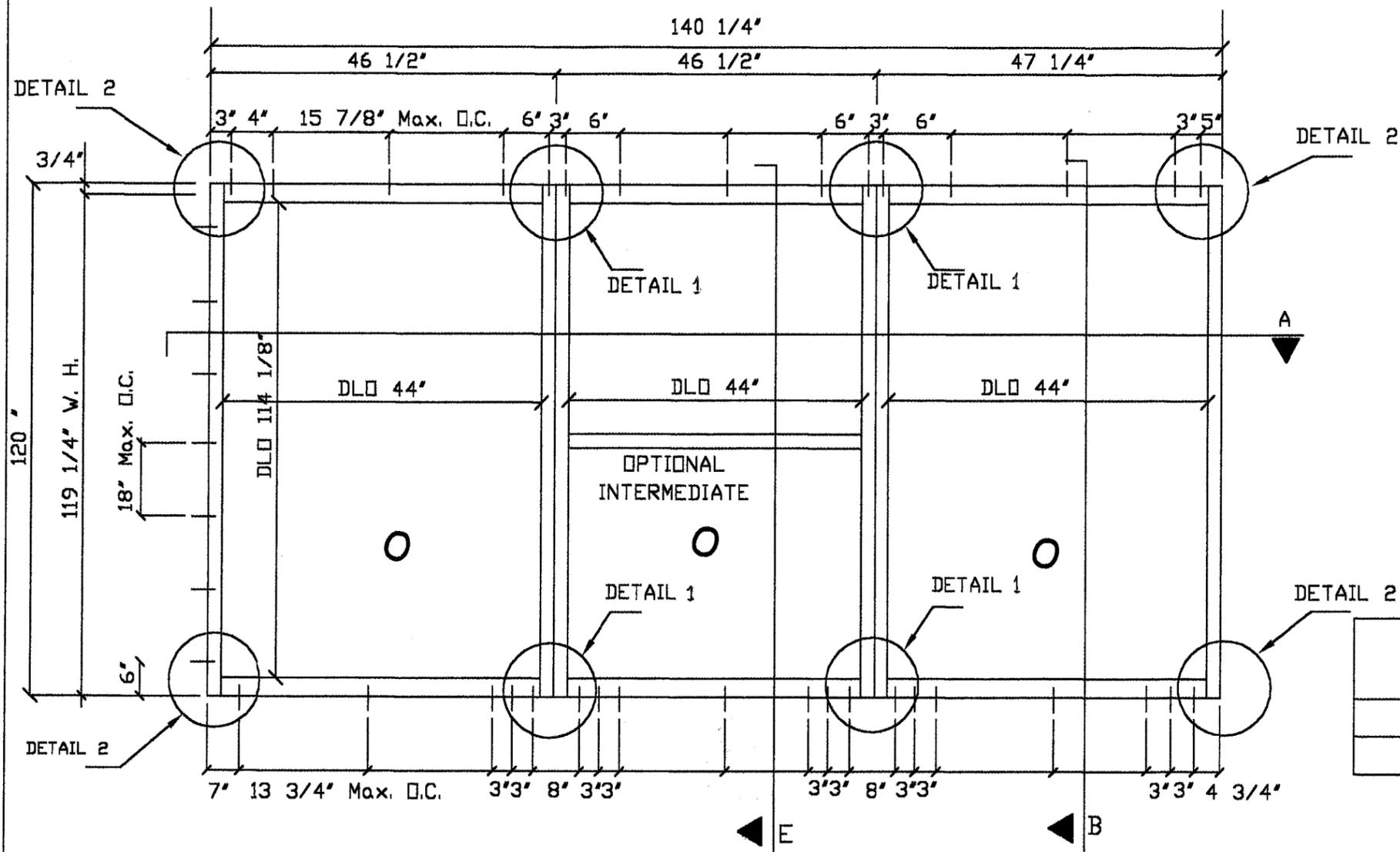
Product Control Examiner

NOA No 02-0329.02

Expiration Date: Sept. 27, 2006

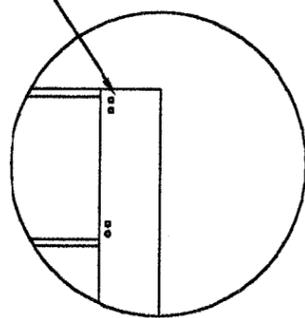
Approval Date: July 25, 2002

GLASSWALL, SERIES 101 WINDOW WALL, BASED ON CONSTRUCTION TESTING CORPORATION No. 01-002.

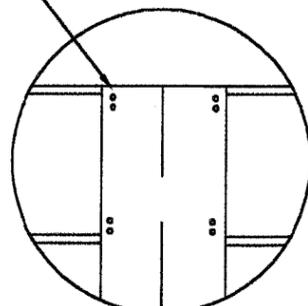


Design Load Capacity (P. S. F.)	
Positive	Negative
110.0	110.0

(4) #14 x 1' S.M.S. (INTERNALLY) TYPICAL
 (8) #14 x 1' S.M.S. (INTERNALLY) TYPICAL



DETAIL 2



DETAIL 1

NOTES:

1. USE DOUBLE ROW OF FASTENERS FOR HEAD
2. THIS WINDOW SYSTEM IS DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 1994 DADE COUNTY EDITION OF THE FLORIDA BUILDING CODE (S.F.B.C.) CHAPTER 4, 23 & 35, UNDER THE SPECIFIC CONDITIONS SHOWN ON THIS DRAWING
3. ALL EXTRUSIONS ARE ALUMINIUM, 6005-T5 ALLOY
4. BASED ON REPORT LABORATORY No. 3348 FENESTRATION TESTING LAB., INC.
5. REVISION OF WINDOW WALL SYSTEM NOA 01-0402.02

Approved as complying with the Florida Building Code
 Date July 25, 2005
 NOA# 02-0329.02
 Miami Dade Product Control Division
 By [Signature]

KELVYN A. WHITFIELD

MECHANICAL ENGINEER
 1002 N.E. 116 ST- MIAMI FL. 33161
 TEL. (305) 659 1230
 FAX. (305) 895 9976

GLASS WALL
 3550 N.W. 49 St
 MIAMI, FL. 33142
 PHONE: (305) 638-5151

SERIES: 101 ALUMINUM WINDOW WALL
 LARGE MISSILE IMPACT

JOB NO.: 02-0164
 DWG. NO.: 02-0164

REVISIONS DESCRIPTION

NO.	DATE	DESCRIPTION
1	5/25/02	AS PER DADE COUNTY REQUIREMENTS
2	6/20/02	AS PER DADE COUNTY REQUIREMENTS

DATE: 02/11/02

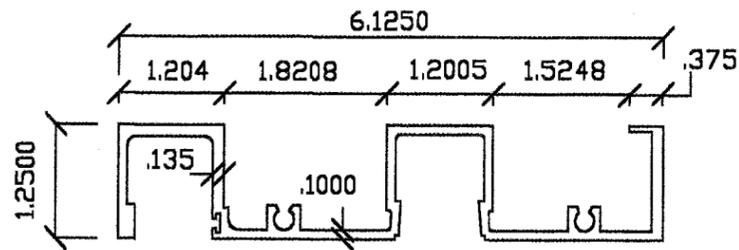
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DWG. BY: D.M

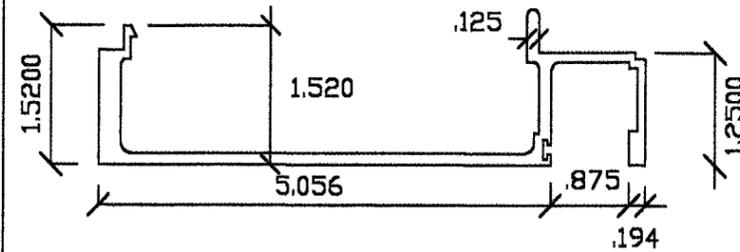
SHEET 1 OF 5

KELVYN A. WHITFIELD
 MECH. ENGINEER.
 FLA. PE # 24140

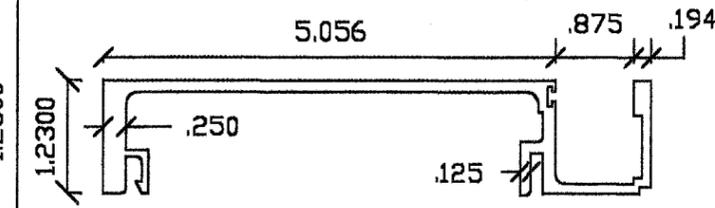
6/21/02



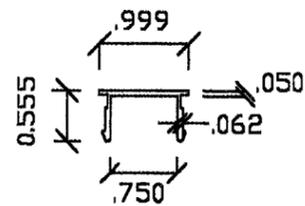
101-002 Jamb
HALF SCALE



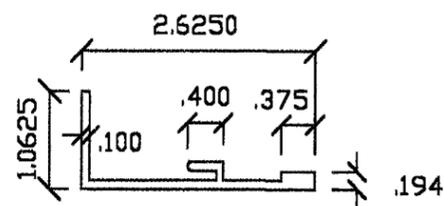
101-003 Male Vertical Mull
HALF SCALE



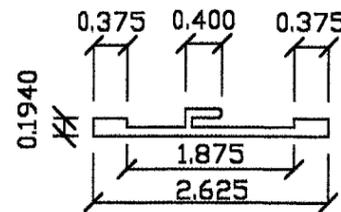
101-004 Female Vertical Mull
HALF SCALE



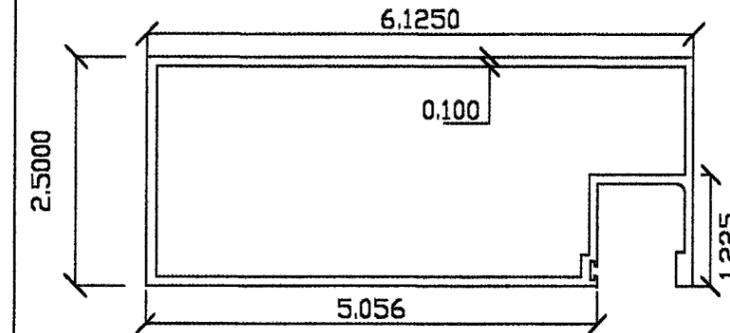
101-006 Snap Cover
HALF SCALE



101-007 Glazing Bead
HALF SCALE



101-005 Glazing Bead
HALF SCALE



Mullion 101-008
HALF SCALE

KELVYN A. WHITFIELD

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GLASS WALL
3550 N.W. 49 St
MIAMI, FL. 33142
PHONE: (305) 638-5151

SERIES: 101 ALUMINUM
WINDOW WALL
LARGE MISSILE IMPACT

JOB NO.: 02-0164
DWG. NO.: 02-0164

REVISIONS DESCRIPTION

NO.	DATE	DESCRIPTION
1	5/25/02	AS PER DADE COUNTY REQUIREMENTS
2	6/20/02	AS PER DADE COUNTY REQUIREMENTS

DATE: 02/11/02

SCALE:

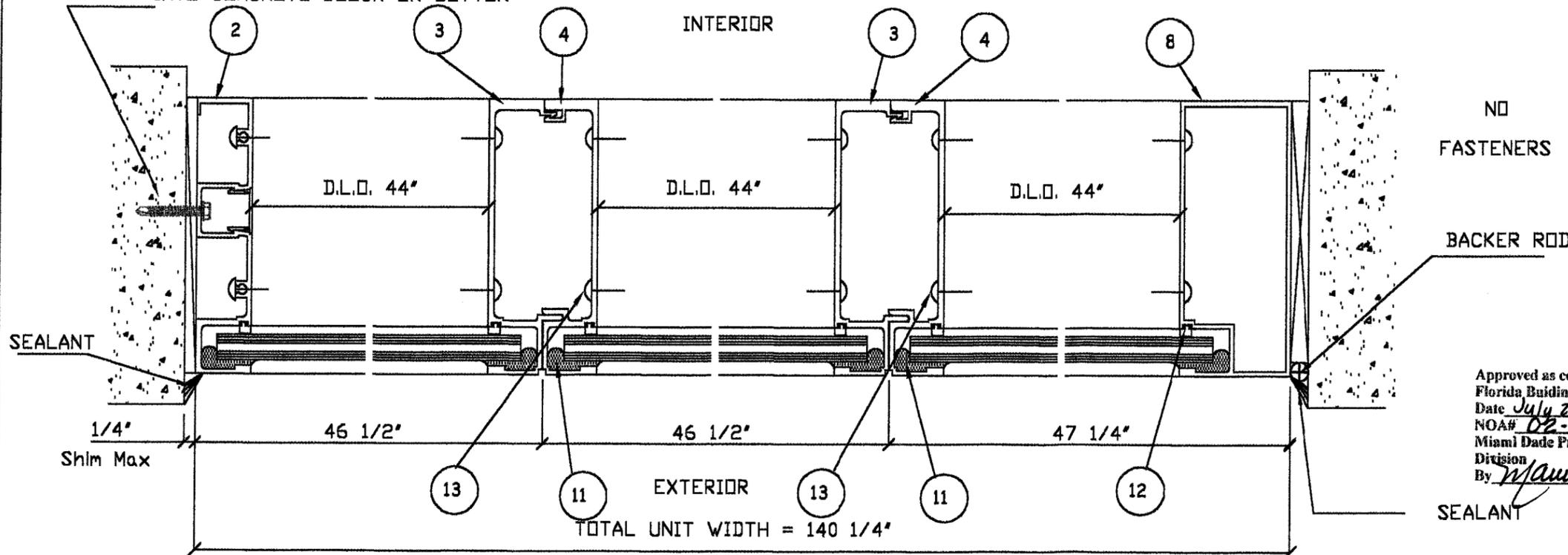
DWG. BY: D.M

SHEET 2 OF 5

KELVYN A. WHITFIELD
MECH. ENGINEER.
FLA. PE # 24140

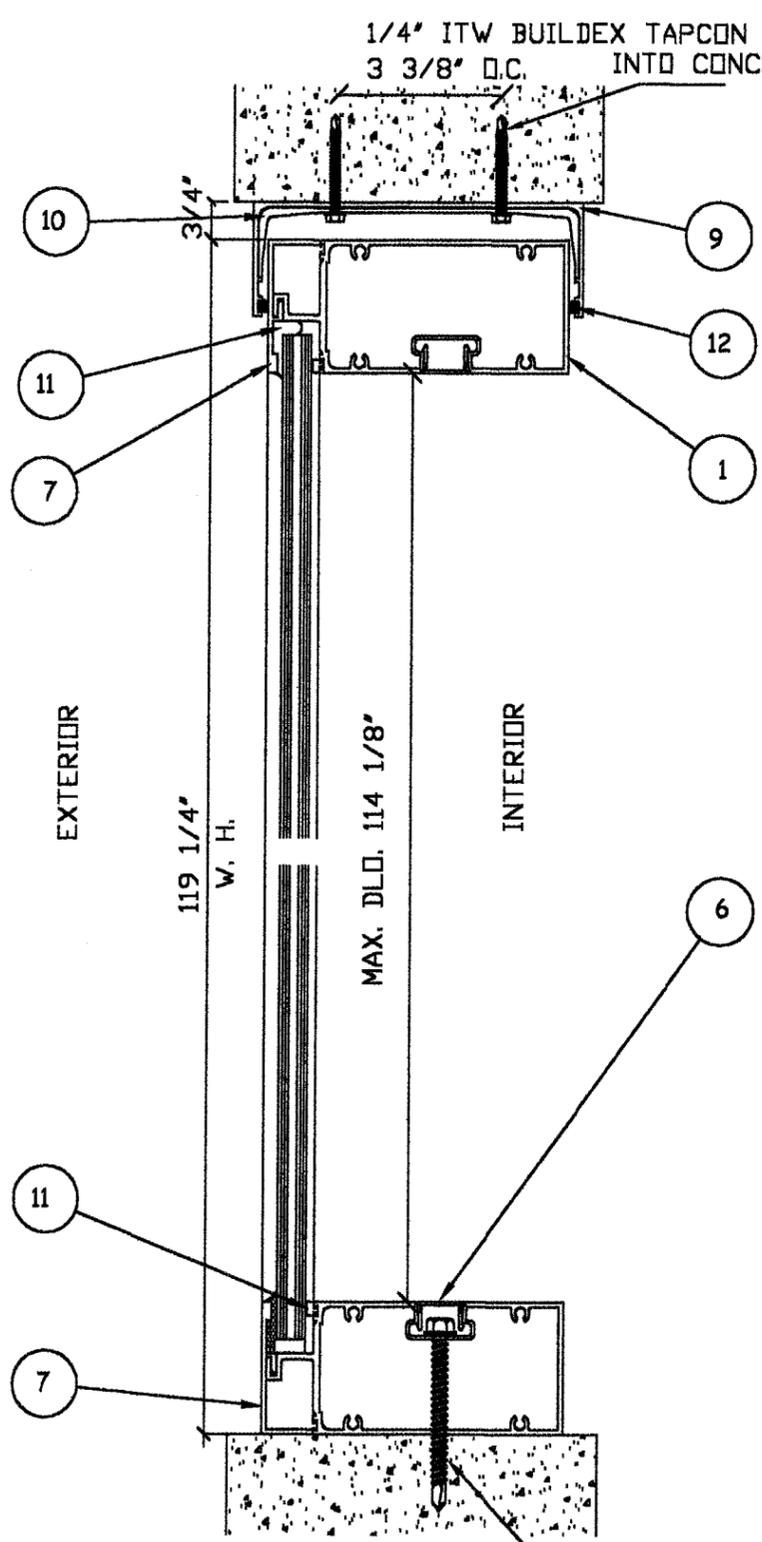
6/21/02

1/4" ITW BUILDDEX TAPCON WITH 1-3/4" MIN. EMBED. TYP. (SINGLE ROW)
INTO CONCRETE BLOCK OR BETTER



SECTION A

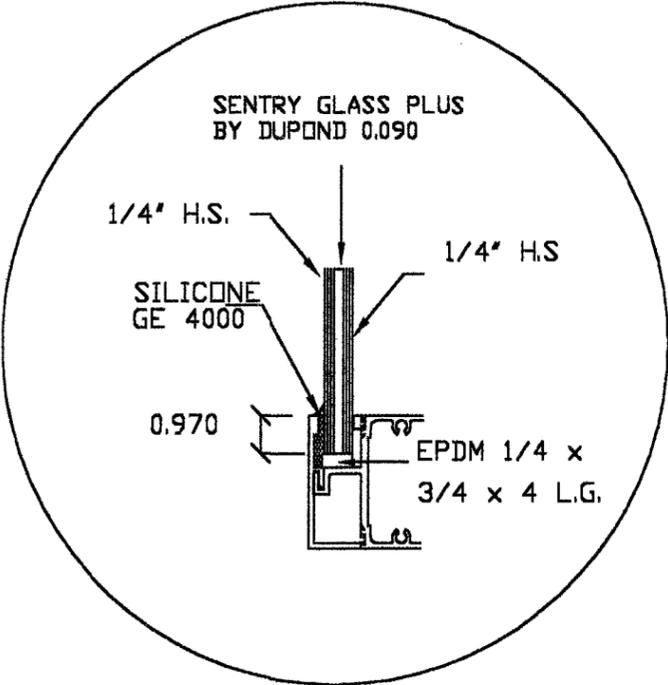
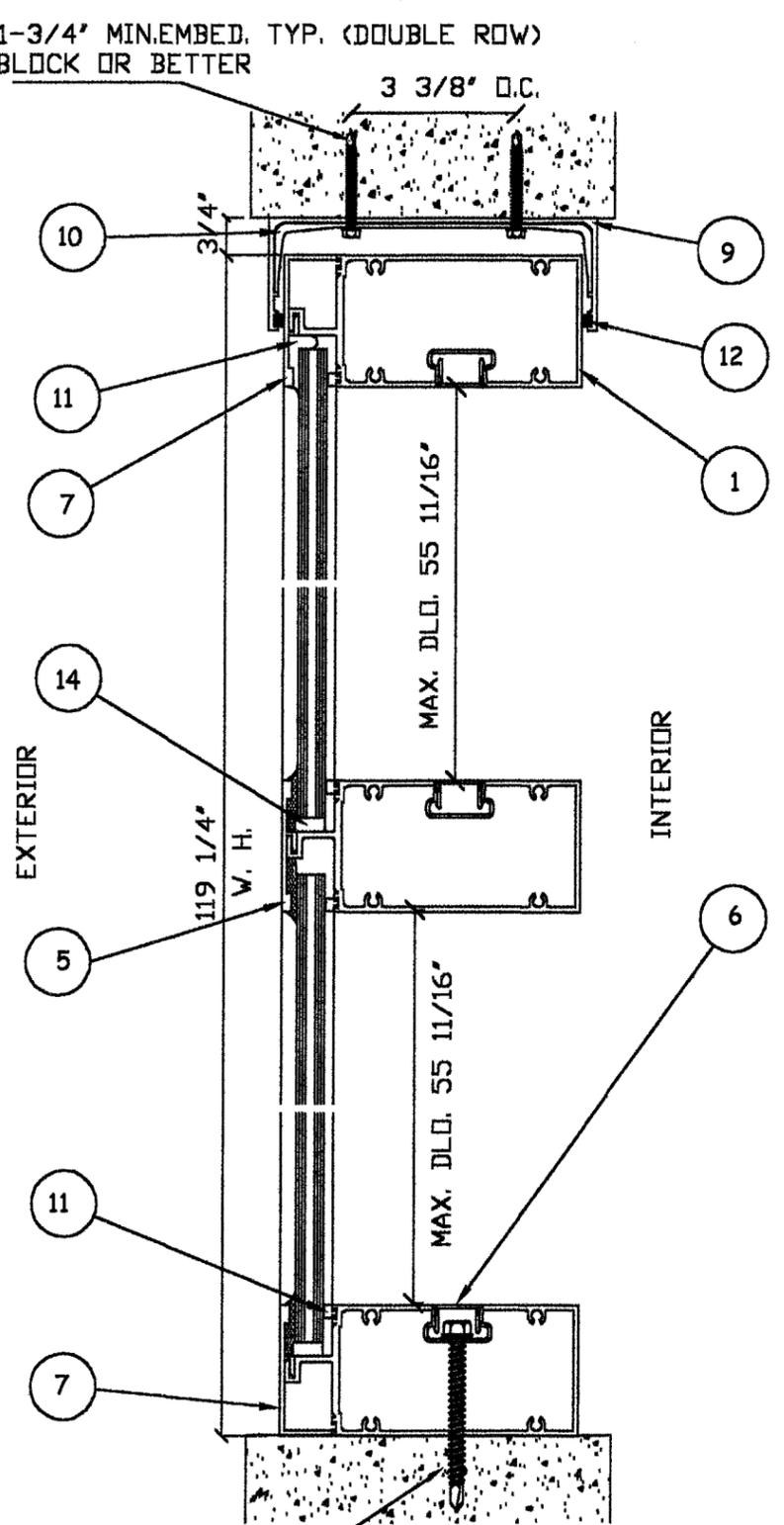
Approved as complying with the
Florida Building Code
Date July 25, 2002
NOA# 02-0329.02
Miami Dade Product Control
Division
By Manuel Perez



1/4" ITW BUILDEX TAPCON WITH 1-3/4" MIN. EMBED. TYP. (DOUBLE ROW)
3 3/8" O.C. INTO CONCRETE BLOCK OR BETTER

1/4" ITW BUILDEX TAPCON WITH 1-3/4" MIN. EMBED. TYP. (SINGLE ROW)
INTO CONCRETE BLOCK OR BETTER

SECTION B



LARGE MISSILE GLAZING DETAIL
0.662" LAMINATED GLASS

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SERIES: 101 ALUMINUM
WINDOW WALL
LARGE MISSILE IMPACT

JOB NO.: 02-0164
DWG. NO.: 02-0164

REVISIONS DESCRIPTION

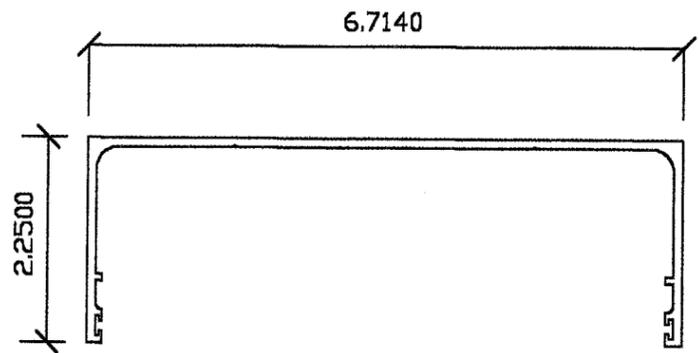
NO.	DATE	DESCRIPTION
1	6/25/02	AS PER DADE COUNTY REQUIREMENTS
2	6/20/02	AS PER DADE COUNTY REQUIREMENTS

DATE: 02/11/02
SCALE:
DWG. BY: D.M
SHEET 3 OF 6

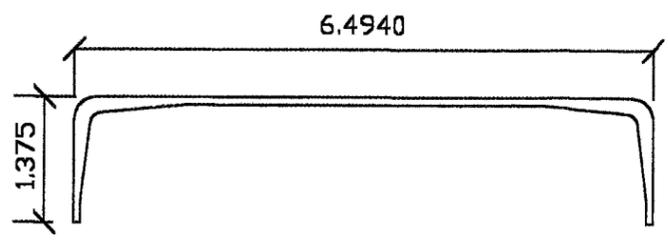
KELVYN A. WHITFIELD
MECH. ENGINEER.
FLA. PE # 24140

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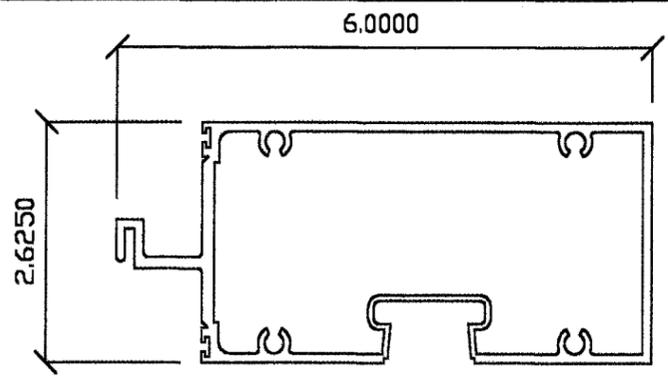
Approved as complying with the
Florida Building Code
Date July 25, 2007
NOA# 02-0329-02
Miami Dade Product Control
Division
By Mmanuel [Signature]



Head Receptor # 100-011
HALF SCALE



Head Receptor Reinforcement # 100-010
18" Long
HALF SCALE



101-001 Head & Sill
HALF SCALE

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SERIES: 101 ALUMINUM
WINDOW WALL
LARGE MISSILE IMPACT

JOB NO.: 02-0164
DWG. NO.: 02-0164

REVISIONS DESCRIPTION

NO.	DATE	DESCRIPTION
1	5/25/02	AS PER DADE COUNTY REQUIREMENTS
2	6/20/02	AS PER DADE COUNTY REQUIREMENTS

DATE: 02/11/02
SCALE:
DWG. BY: D.M
SHEET 4 OF 5

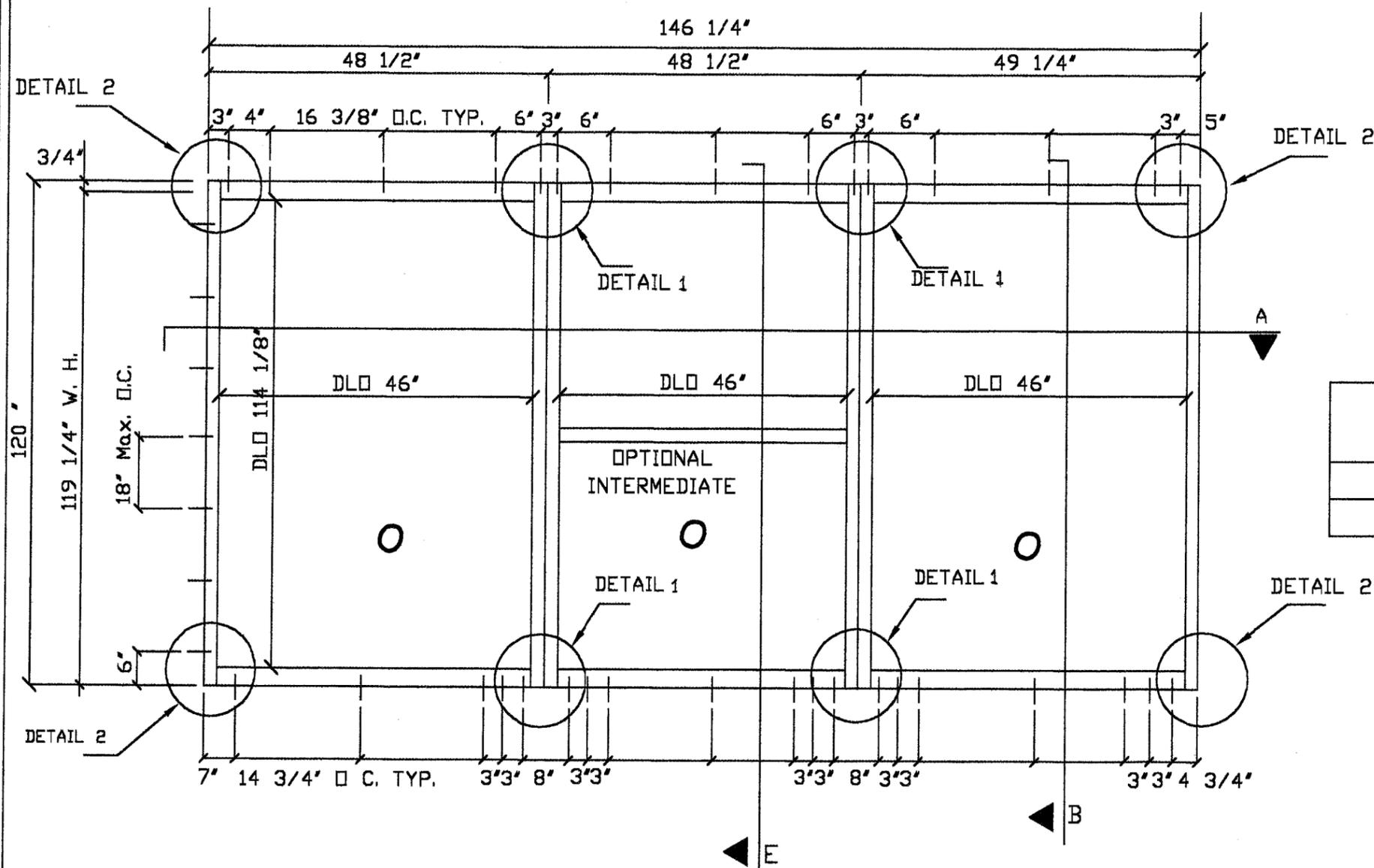
KELVYN A. WHITFIELD
MECH. ENGINEER.
FLA. PE # 24140

6/21/02
[Signature]

Approved as complying with the
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Date July 25, 2002
NOA# 02-0329-02
Miami Dade Product Control
Division
By [Signature]

Item Number	Part Number	Part Name	Remarks
1	101-001	Head & Sill	Frame
2	101-002	Jamb	Frame
3	101-003	Male Vertical Mull	Frame
4	101-004	Female Vertical Mull	Frame
5	101-005	Glazing Bead	Frame
6	101-006	Snap Cover	Frame
7	101-007	Glazing Bead	Frame
8	101-008	Mullion	Frame
9	100-011	Head Receptor	Frame
10	100-010	H/R Reinforcement	Frame 18" Long.
11	679-FP-688B	Gasket	Gasket for Small Missile
12	7P-448	Gasket	Part # 568-61279 - 00914-18701 Prototype Plastics
13		# 14 x 1 PH-PH-SMS	Screw # 14 x 1 PH-PH-SMS
14		Setting Block	EPDM 1/4 X 3/4 X 4' LG.

GLASSWALL, SERIES 101 WINDOW WALL, BASED ON CONSTRUCTION TESTING CORPORATION No. 01-002.



Design Load Capacity (P. S. F.)	
Positive	Negative
100.0	100.0

KELVYN A. WHITFIELD

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SERIES: 101 ALUMINUM
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JOB NO.: 02-0164
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2	6/20/02	AS PER DADE COUNTY REQUIREMENTS

DATE: 02/11/02
 SCALE:
 DWG. BY: D.M
 SHEET 5 OF 5

KELVYN A. WHITFIELD
 MECH. ENGINEER.
 FLA. PE # 24140

[Signature]
 6/21/02

Approved as complying with the
 Florida Building Code
 Date July 25, 2002
 NOA# 02-0324.02
 Miami Dade Product Control
 Division
 By *[Signature]*