



**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)

**Kalwall Corporation
1111 Candia Road
Manchester, NH 03109**

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: "Kalwall Translucent Panel System"

APPROVAL DOCUMENT: Drawing No.K95-0030, titled "Kalwall Translucent Panel System", sheets B 1D-R & B 1E-R through 2 of 2, prepared by Kalwall Corporation, dated 05/03/95, bearing the Miami-Dade County Product Control Renewals stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the 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 **renews NOA # 99-1005.02** and consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Candido F Font, P.E.**



**NOA No 02-1011.07
Expiration Date: October 10, 2007
Approval Date: November 28, 2002
Page 1**

Kalwall Corporation.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Drawing No. K95, titled "Kalwall Translucent Panel System", sheets B 1D-R & B 1E-R, prepared by Kalwall Corporation on 05/03/95 with last revision on 01/25/00, signed and sealed by E.K. Kaminsli P.E.

B. TESTS

1. Test reports on:
 - a) Air Infiltration Test, per SFBC, PA 202-94
 - b) Uniform Static Air Pressure Test, per SFBC PA 202-94
 - c) Water Resistance Test, per SFBC, PA 202-94
 - d) Large Missile Impact Test per SFBC, PA 201-94
 - e) Cyclic Wind Pressure Loading per SFBC, PA 203-94

along with marked-up drawings of translucent wall& roof panel, prepared by Architectural Testing Inc, Test Report No. 16263/16264/162651, dated 11/01/95, signed and sealed by Allen N. Reeves, P.E.

C. CALCULATIONS

N/A

D. MATERIAL CERTIFICATIONS

1. Ignition Properties of Plastics of 0.045" Type 25 FRP by ASTM D1929, test report by Factory Mutual Research No. OZ6Q4.AM, dated 05/11/95 signed by A. L. Borman.
2. Flammability Testing on a plastic Panel Material 0.045" Type 25 by ASTM D635, test report by Factory Mutual Research No. 0B3F3.CY, dated 06/13/96 signed by D. W. Lewin.
3. Surface Burning Characteristics of 0.045" Type 25-2000 by UL723 test report by Underwriters Laboratories, Inc. file No. R7415 dated 08/20/86 revised on 11/18/96 signed by J. G. Marzullo.
4. Tensile Properties of Plastics Tensile Bar Samples, Type IV by ASTM D638, Test Report by Center for Applied Engineering, Inc. No. MTS 257678, dated 06/19/96, signed and sealed by S.T. Ryan.

E. OTHER

1. No change letter issued by Kalwall Corporation on 09/29/99 & 10/07/02, signed by H. W. Seymour.



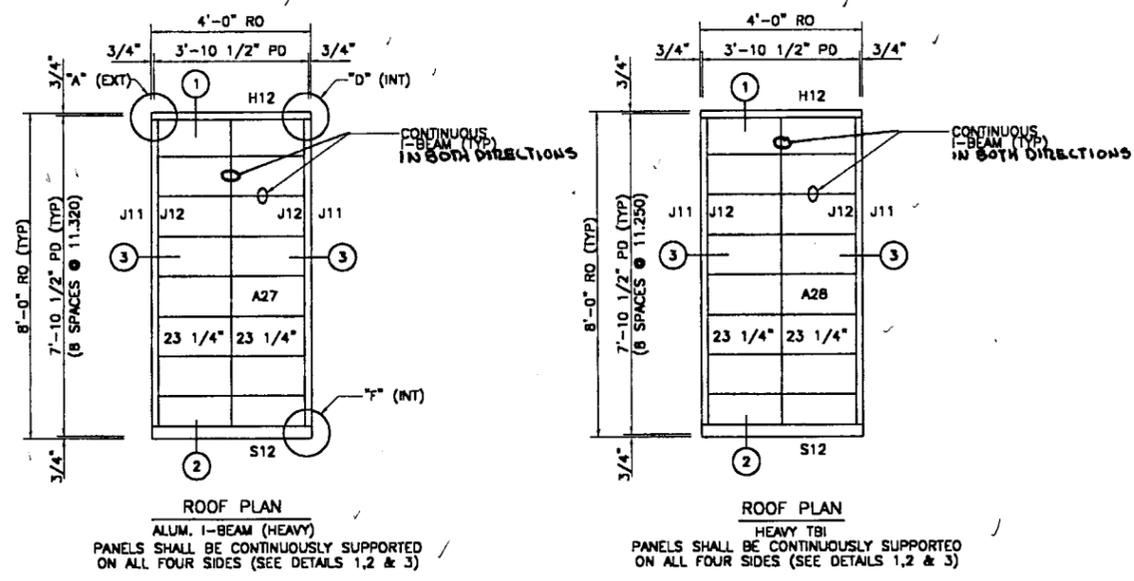
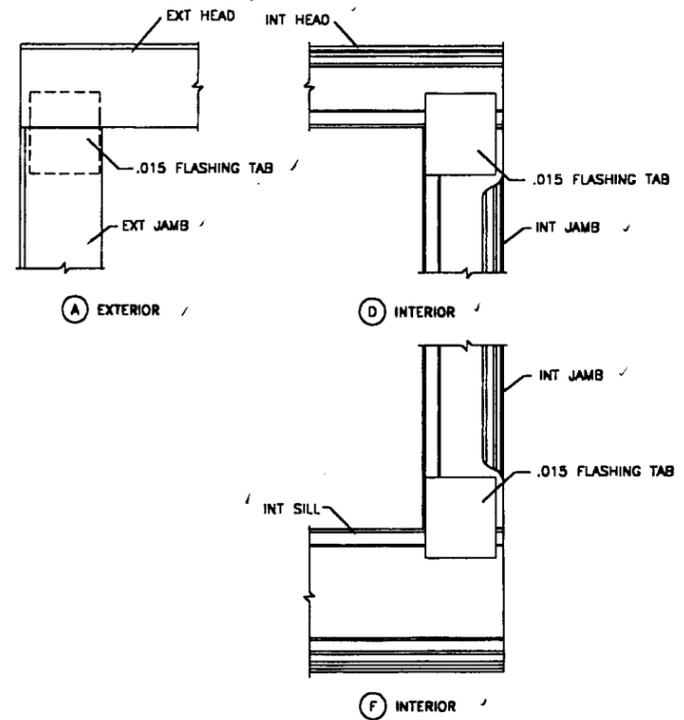
Candido F. Font, P. E.
Senior Product Control Examiner
NOA No 02-1011.07
Expiration Date: October 10, 2007
Approval Date: November 28, 2002

GENERAL NOTES

- Installation**
 - A. Labor BY KALWALL
 - B. Field Dimensions
 - C. Bed Caulking
 - D. Fasteners to Building
- Roof**
 - A. () Skyroof () Skylight () Kalcurve
 - B. Actual Slope
 - C. Design Live Load PSF
 - D. Design Wind Load PSF
 - E. Design Drift Load PSF
 - F. Perimeter Corners Factory Mitered & Welded
 - G. Perimeter Factory Assembled to Panels
- Panel**
 - A. Thickness 2 3/4"
 - B. Exterior Face 0.04 WHITE HURRICANE
 - C. Interior Face 0.04 WHITE S171
 - D. Grid 24" x 12" (SHD)
 - E. U Factor 0.33 (NFRC)
 - F. Light Transmission 30%
 - G. Color Inserts NONE
 - H. Width & Height Tolerances = ±3/32"
- Finish for Exposed Aluminum**
 - A. () Anodize
 - B. () Corrosion Resistant
 - C. () Paint
- Special Materials**
 - A. 3 1/2" DEEP HEAD @ SILL
 - B. VAPOR BARRIER
 - C. ()
 - D. ()

RELEASE DIRECTORY

RELEASE NUMBER	DATE	BY	SHEET NUMBERS			
			B	P	F	S
3	6/15/95	S.B.	10,1E,1F	5	8,10	24-28



Properties of Panel Skins

Description of Test	Interior 0.045" S-171	Exterior 0.060" Hurricane High Impact
Self Ignition (ASTM D1929)	914°F	770°F
Flame Spread (ASTM E-84)	45	160
Smoke Development (ASTM E-84)	350	245
Burning Rate (ASTM D-635)	Did not burn long enough C1	1.3 in/min. C2

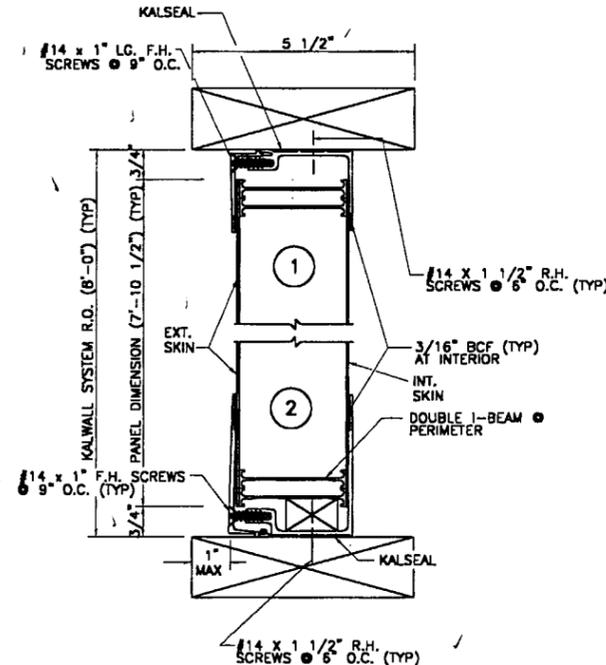
LEGEND

SEALANTS	
NAME	DESCRIPTION
BCF	BUTYL COATED FOAM
KALSEAL	GE SILICONE - SILGLAZE II
FASTENERS	
SYSTEM SCREWS	18-8 SERIES STAINLESS STEEL
ANCHORING SCREWS	410 STAINLESS STEEL

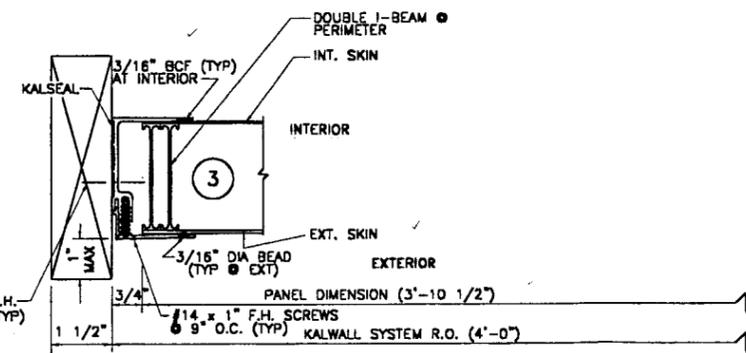
I-BEAMS ARE EITHER ALUMINUM EXTRUSIONS 6005-T5 ALLOY DESIGNATED ALUMINUM I-BEAM OR THERMALLY BROKEN CONSISTING OF 6005-T5 ALUMINUM FLANGES AND FIBER REINFORCED POLYESTER (FRP) WEB DESIGNATED TBI

DESIGN PRESSURE RATING
 ± 100 PSF

2/29/00



NOTE ALL BLOCKING TO BE KILN DRIED TO LESS THAN 7% MOISTURE AND SEALED WITH PRIMER & PAINT



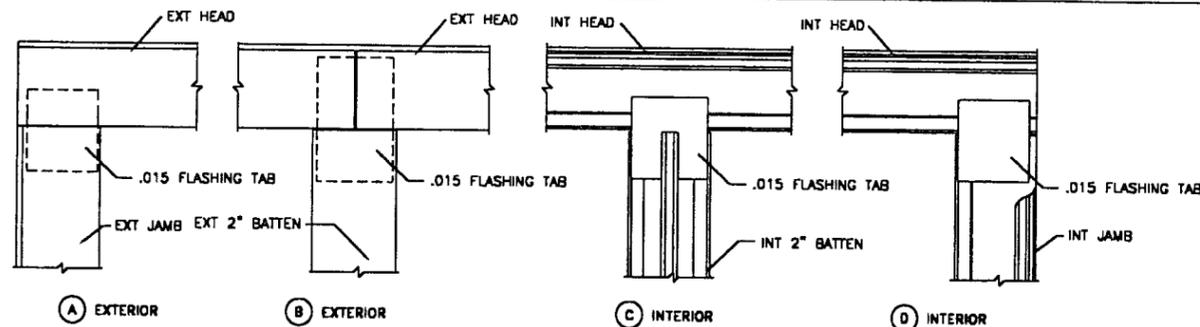
ENTIRE PERIMETER TO BE SET IN CONT. BED CAULKING BY ERECTOR.

PRODUCT RENEWED
 processing with the Florida
 02-1011.07
 19/10/07
 Miami Code Product Control Division

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE DATE April 11, 2000
 BY [Signature]
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 99-1005.02

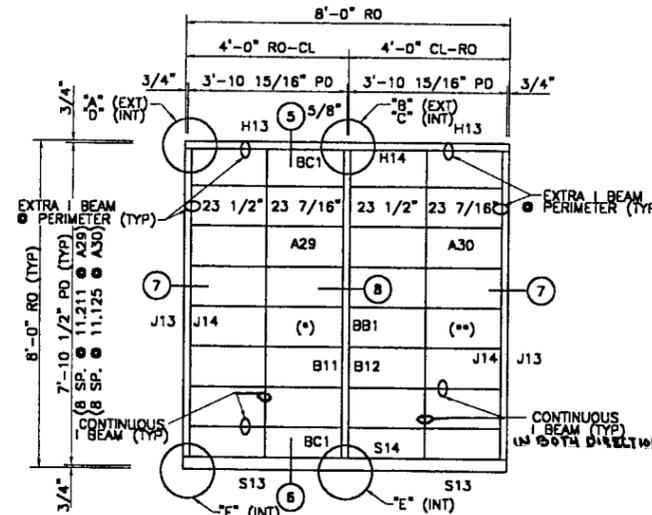
REV.	DATE	DESCRIPTION	DRWN BY	CHECKED BY
6	1/25/00	GENERAL REVISIONS	S.B.	HS
7	11/22/99	GENERAL REVISIONS	S.B.	HS
8	7/29/99	REVISE DETAILS/TITLE BLOCK	S.B.	HS
9	6/15/95	RELEASE #3	S.B.	RS

TITLE: KALWALL TRANSLUCENT PANEL SYSTEM		ARCHITECT APPROVAL DATE:	ORDER NO. 090001 DRAWN BY DATE: S.B. 5/3/95	REL. NO.
KALWALL CORPORATION MANCHESTER, N.H.		CUSTOMER APPROVAL DATE:	CHECKED BY DATE: G.P.R.	PROLCO. O.R.
DRAWING NO. K95-0030		SHEET NO. B 10-R OF		



LEGEND

NAME	DESCRIPTION
#61 BEAD	BUTYL SEALANT
B.C.F.	BUTYL COATED FOAM TAPE
KALSEAL	GE SILICONE - SILGLAZE II
FASTENERS	
SYSTEM SCREWS	18-8 SERIES STAINLESS STEEL
ANCHORING SCREWS	410 STAINLESS STEEL



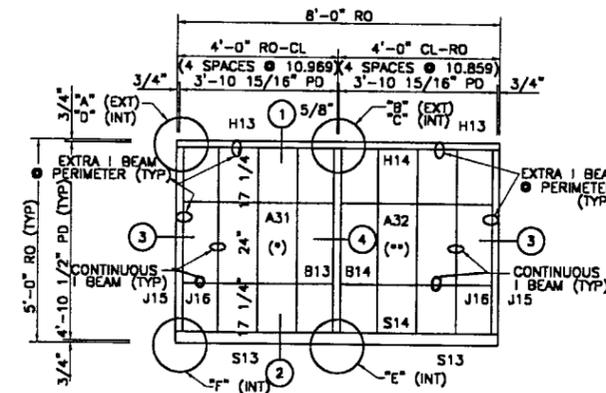
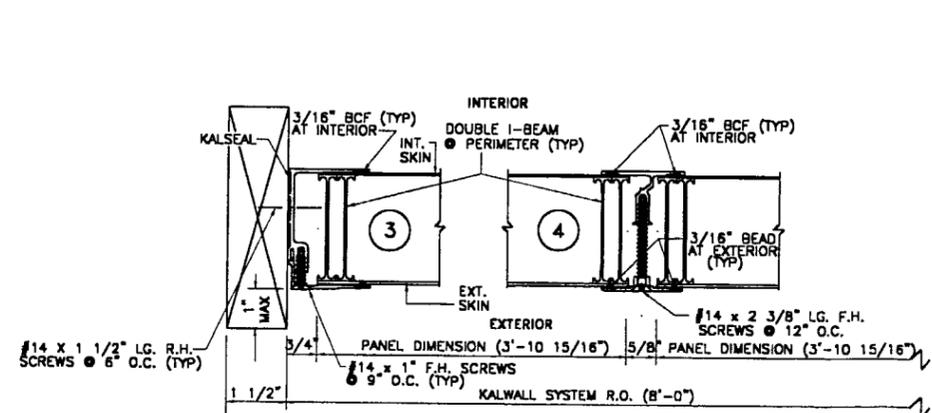
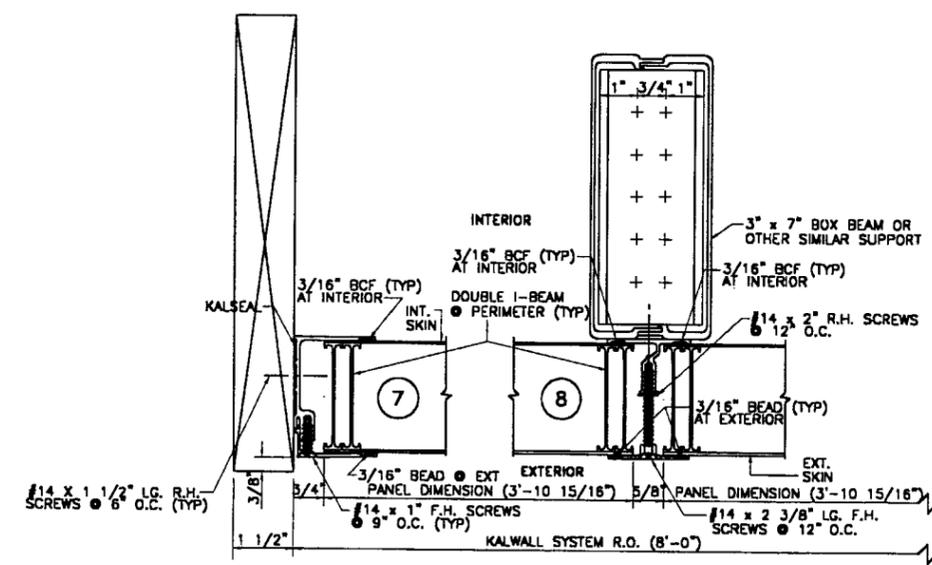
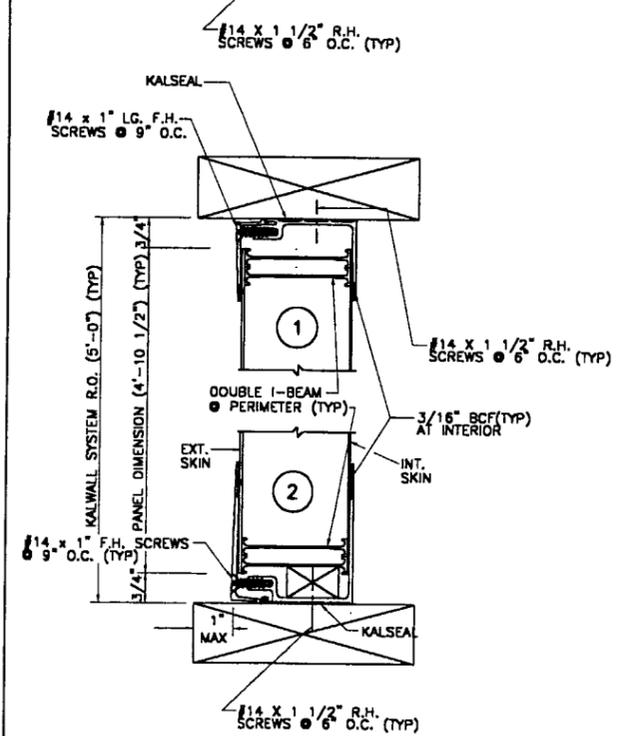
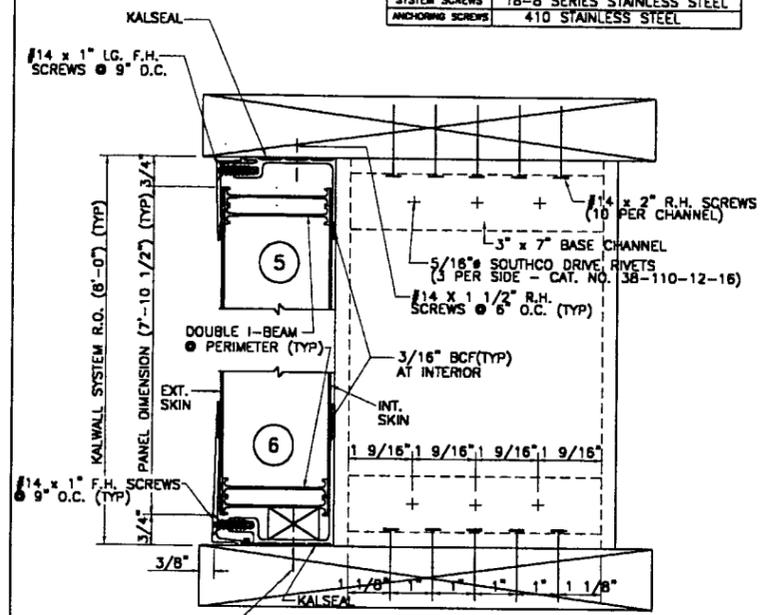
ROOF PLAN
 * - HEAVY I-BEAM PANEL
 ** - TBI PANEL (HEAVY)
 PANELS SHALL BE SUPPORTED ON ALL FOUR SIDES AND AT JOINT (SEE DETAILS 5,6,7 & 8)

GENERAL NOTES

- Installation
 - A. Labor BY KALWALL
 - B. Field Dimensions
 - C. Bed Caulking
 - D. Fasteners to Building
- Roof
 - A. () Skylight () Skylight () Kalcure
 - B. Actual Slope
 - C. Design Live Load PSF
 - D. Design Wind Load PSF
 - E. Design Drift Load PSF
 - F. Perimeter Corners Factory Mitered & Welded
 - G. Perimeter Factory Assembled to Panels
- Finish for Exposed Aluminum
 - A. () Anodized
 - B. () Corrosion Resistant
 - C. ()
- Special Materials
 - A. 3/2" DEEP HEAD @ SILL
 - B. VAPOR BARRIER
 - C. EXTRA I-BEAM
 - D. 3" x 7" BOX BEAM

RELEASE DIRECTORY

RELEASE NUMBER	DATE	BY	SHEET NUMBERS			
			B	P	F	S
5	8/15/95	S.B.	10,1E,1F	3	8,10	24-28



ROOF PLAN
 * - HEAVY I-BEAM PANEL
 ** - TBI PANEL (HEAVY)
 PANELS SHALL BE SUPPORTED ON ALL FOUR SIDES (SEE DETAILS 1,2 & 3)

Properties of Panel Skins

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DESIGN PRESSURE RATING - ±100 PSF

ENTIRE PERIMETER TO BE SET IN CONT. BED CAULKING BY ERECTOR.

FLORIDA PEI EDWIN K. KAMINSKI, NO. 33503		ORDER NO.	REL. NO.
7	1/25/00	GENERAL REVISIONS	S.B. HS
6	1/22/99	GENERAL REVISIONS	S.B. HS
5	8/15/95	RELEASE #5	S.B. RS
REV.	DATE	DESCRIPTION	DRAWN BY
TITLE:		ARCHITECT APPROVAL	ORDER NO. 950001
KALWALL TRANSLUCENT PANEL SYSTEM		DATE:	DRAWN BY: DATE: S.B. 5/3/95
KALWALL CORPORATION		CUSTOMER APPROVAL	CHECKED BY: DATE: G.P.R.
MANCHESTER, N.H.		DATE:	DRAWING NO. K95-0030
			SHEET NO. 8 1E-R
			OF

Edwin Kaminski
2.29.00

PROCESSED BY
 Florida
 02-1011.07
 10/10/97
 Miami Dade Product Control Division

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE DATE APRIL 14, 2000 BY [Signature]
 PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO. 99-1005.02