



**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)**

**Elite Aluminum Corporation  
1801 N.W. 64<sup>th</sup> Street  
Ft. Lauderdale, Florida 33309**

**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: Screen Room with Aluminum Sandwich EPS Roof Panel**

**APPROVAL DOCUMENT:** Drawing No. 95-681 titled "E.P.S. Roof Panel", prepared by Knezevich & Associates, Inc., dated December 15, 1995, last revision #2 dated June 19, 2002, sheets 1 through 4 of 4 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: None**

**LABELING:** Each panel and chair rail 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.

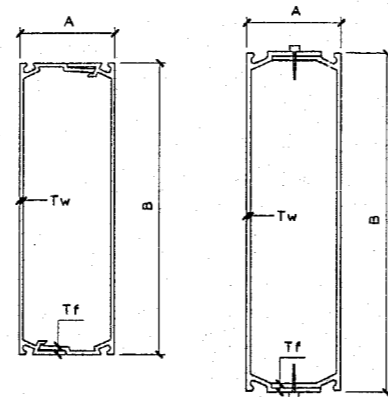
This NOA revises & renews NOA # 99-0519.05 & consists of this page 1 & approval document mentioned above. The submitted documentation was reviewed by **Helmy A. Makar, P.E.**



**NOA No 03-0109.01  
Expiration Date: 02/20/2008  
Approval Date: 02/20/2003  
Page 1**

**GENERAL NOTES:**

- THESE APPROVAL DOCUMENTS REPRESENT AN EXPANDED POLYSTYRENE (E.P.S.) ROOF PANEL AND SCREEN ENCLOSURE ANALYZED WITH THE PROVISION SET FOR THE ISSUANCE OF A NOTICE OF ACCEPTANCE (NOA) BY MIAMI-DADE COUNTY PRODUCT CONTROL DIVISION FOR THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE FLORIDA BUILDING CODE 2001.
- A 33% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THE CONNECTIONS FOR THIS PRODUCT.
- DETERMINE THE POSITIVE AND NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH ASCE 7-98, A DIRECTIONALITY FACTOR OF  $K_d = 1.0$  SHALL BE USED.
- THESE APPROVAL DOCUMENTS ARE GENERIC AND DO NOT INCLUDE INFORMATION FOR SITE-SPECIFIC APPLICATION OF THIS E.P.S. ROOF PANEL AND SCREEN ENCLOSURE.
- THESE APPROVAL DOCUMENTS COMPLY WITH CHAPTER 61G15-23 OF THE FLORIDA ADMINISTRATIVE CODE.
- THESE APPROVAL DOCUMENTS, ARE SUITABLE TO BE APPLIED BY THE CONTRACTOR PROVIDED THE CONTRACTOR DOES NOT DEVIATE FROM THE CONDITIONS DETAILED HEREIN AND THE CONTRACTOR VERIFIES THAT THE EXISTING STRUCTURE DOES NOT DEVIATE IN EITHER FORM OR MATERIAL FROM THE STRUCTURAL SUBSTRATES DETAILED HEREIN. ALL BUILDING PERMIT DRAWINGS SHALL HAVE "ELITE" IN RED ACROSS THE FACE OF THE DRAWINGS.
- ANY MODIFICATIONS OR ADDITIONS TO THESE APPROVAL DOCUMENTS WILL VOID THE APPROVAL DOCUMENTS.
- WHEN THE SITE CONDITIONS DEVIATE FROM THESE APPROVAL DOCUMENTS, THE BUILDING OFFICIAL MAY ELECT ONE OF THE FOLLOWING OPTIONS:
  - REQUIRE THAT SITE SPECIFIC DOCUMENTS BE PREPARED, SIGNED, DATED AND SEALED BY A LICENSED ENGINEER OR REGISTERED ARCHITECT, WHICH DETAIL AND JUSTIFY THE DEVIATION. SAID DOCUMENTS SHALL BE SUBMITTED TO THE PRODUCT ENGINEER FOR REVIEW AS A CONDITION TO THE BUILDING OFFICIAL GRANTING HIS/HER APPROVAL.
  - REQUIRE THAT A ONE-TIME SITE SPECIFIC APPROVAL BE APPLIED FOR AND SECURED FROM THE MIAMI-DADE COUNTY PRODUCT CONTROL DIVISION.
- WHEN THE SITE CONDITION DEVIATIONS OCCUR WITHIN THE HIGH VELOCITY HURRICANE ZONE AREAS ONLY OPTION "B" SHALL BE ACCEPTED BY THE BUILDING OFFICIAL.
- DESIGN LOADS:
  - ROOFS: DEAD LOAD = 2.0 P.S.F. DOWN (1.0 P.S.F. FOR UPLIFT)  
LIVE LOAD = 30.0 P.S.F. DOWN  
ROOF WIND LOADS ARE CALCULATED IN ACCORDANCE WITH ASCE 7-98.
  - SCREEN WALLS: WIND LOAD = 21.6 P.S.F.  
SCREEN WALL WIND LOADS ARE CALCULATED IN ACCORDANCE WITH TABLE 6-12 OF THE ASCE 7-98 WITH  $C_f = 1.5$ , AND  $E = 0.4$ .
- DEFLECTION CRITERIA FOR COLUMNS, BEAMS, AND ROOF PANELS:
  - L/80 FOR ROOF PROJECTIONS FROM EXISTING STRUCTURE LESS THAN OR EQUAL TO 12 FEET WHEN USED FOR RESIDENTIAL OCCUPANCY.
  - L/180 FOR ROOF PROJECTIONS FROM EXISTING STRUCTURE GREATER THAN 12 FEET AND ALL COMMERCIAL PROJECTS.
- SCREEN FABRIC OPENINGS SHALL BE 60% OF THE GROSS AREA OR GREATER.
- ALL EXTRUSIONS SHALL BE 6063-T6 ALUMINUM ALLOY, U.O.N. SHAPES OF ALUM. STRUCTURAL MEMBERS SHALL BE AS SHOWN ON THIS DRAWING WITH WALL THICKNESSES AS SPECIFIED. EXTRUSION THICKNESSES MAY HAVE A TOLERANCE OF  $+0.0066"$ , UNLESS SPECIFIED AS A MINIMUM.
- ALL BOLTS AND SCREWS SHALL BE 2024-T4 ALUMINUM ALLOY, ELECTRO-GALV. STEEL, HOT DIPPED GALVANIZED STEEL OR STAINLESS STEEL.
- ALL CONCRETE ANCHORS SHALL BE AS SPECIFIED ON DRAWINGS. EMBED. LENGTHS NOTED ON DRAWING SHALL NOT INCLUDE STUCCO OR FINISH MATERIAL.
- CONCRETE TO DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AFTER 28 DAYS. CONCRETE MIXTURE AND PLACEMENT TO COMPLY WITH THE PROVISIONS OF THE A.C.I. BUILDING CODE CURRENT EDITION.
- REINFORCING STEEL SHALL BE ASTM A-615 GRADE 60, WELDED WIRE FABRIC SHALL COMPLY WITH ASTM A-185.
- ADEQUACY OF EXISTING STRUCTURE SHALL BE VERIFIED BY REGISTERED PROF. ENGINEER PRIOR TO ATTACHMENT OF NEW SCREEN ROOM STRUCTURE.
- MINIMUM SOIL BEARING PRESSURE SHALL BE 2000 PSF.
- ALUMINUM MEMBERS IN CONTACT WITH CONCRETE AND WOOD SHALL BE PROTECTED BY "KOPPERS BITUMINOUS PAINT" IN ACCORDANCE WITH FLORIDA BUILDING CODE 2001, SECTION 2003.8.4.
- THIS CANOPY CAN NOT BE BUILT AS AN ADDITION TO A MOBILE HOME.
- SCREEN ROOM UNIT SHALL BE LESS THAN 15 FT. HIGH ABOVE GROUND LEVEL.
- THIS E.P.S. ROOF PANEL SHALL BE USED IN THE CONSTRUCTION OF SCREEN ROOMS WITH OR WITHOUT SCREEN WALL ONLY. EACH ACTUAL PROJECT SHALL BE CONSTRUCTED USING THE SAME PANEL CROSS SECTION AND ATTACHMENT FASTENER DETAILS AS SHOWN ON THESE DRAWINGS.
- E.P.S. ROOF PANEL SPECIFICATIONS:
  - PANELS SHALL BE COMPOSITE SANDWICH PANELS COMPRISED OF ALUMINUM FACINGS WITH EXPANDED POLYSTYRENE FOAM PLASTIC CORES.
  - PANEL FACINGS SHALL BE 0.030" W/O PAINT, ALUMINUM ALLOY 3105-H154.
  - PANEL CORE SHALL BE EXPANDED POLYSTYRENE WITH THE NOMINAL DENSITY 2.0 P.C.F.
  - ADHESIVE SHALL BE MORAD 640 PRODUCED BY MORTON INTERNATIONAL SPECIALTY CHEMICALS GROUP, APPLIED TO BOTH SIDES OF THE CORE MATERIAL.



1 SNAP BEAM (SB)  
SCALE: 3" = 1' - 0"

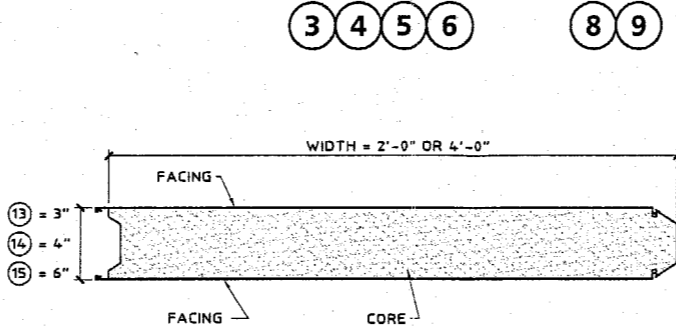
2 LAP BEAM (LB)  
SCALE: 3" = 1' - 0"

7 BOX COLUMN  
SCALE: 3" = 1' - 0"

10 2" x 2"  
SCALE: 3" = 1' - 0"

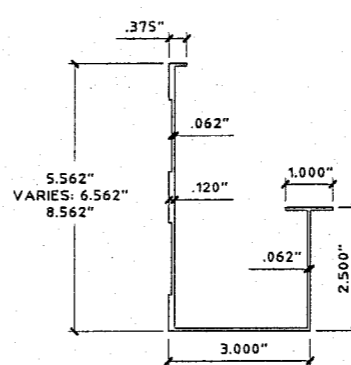
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SCALE: 3" = 1' - 0"

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SCALE: 3" = 1' - 0"

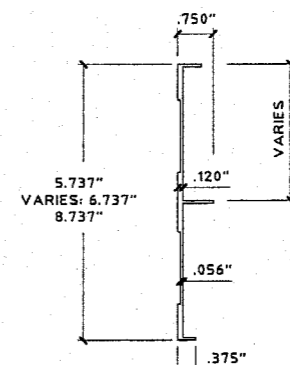


13 E.P.S. ROOF PANEL (SEE TABLE 5)  
SCALE: 1-1/2" = 1' - 0"

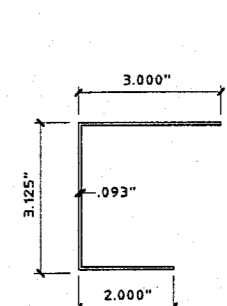
14 15



16 GUTTER  
SCALE: 3" = 1' - 0"



17 FASCIA  
SCALE: 3" = 1' - 0"



18 WALL HEADER  
SCALE: 3" = 1' - 0"



**KNEZEVICH & ASSOCIATES, INC.**  
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WEBSITE: WWW.KNEZEVICH.COM • E-MAIL: KA@KNEZEVICH.COM  
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**E.P.S. ROOF PANEL ELITE**  
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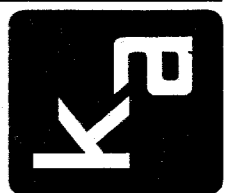
V.J. KNEZEVICH  
PROFESSIONAL ENGINEER  
FL License No. PE 0010983

OCT 10 2002

no	date	description
1	04/30/98/VJK	COUNTY COMMENTS - PG. 4
2	06/19/02/JAP	FBC2001 NOTES / RENEWAL

Approved as complying with the  
Florida Building Code  
Date 02/20/2003  
NOA# 03-0109-01  
Miami Dade Product Control  
Division  
By Helmut A. Mader

date 12/15/1995  
scale AS NOTED drawn by MCR  
design by VJK checked by VJK  
drawing no. 95-681  
sheet 1 of 4



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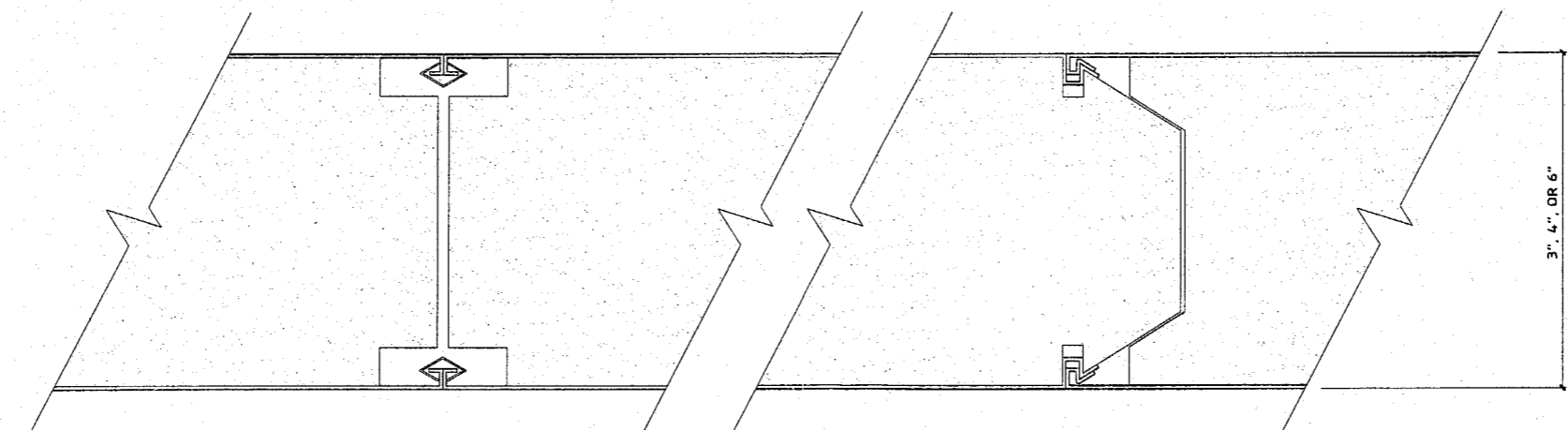
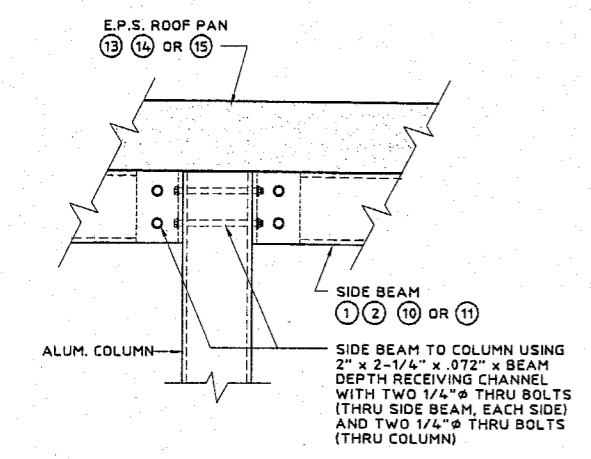
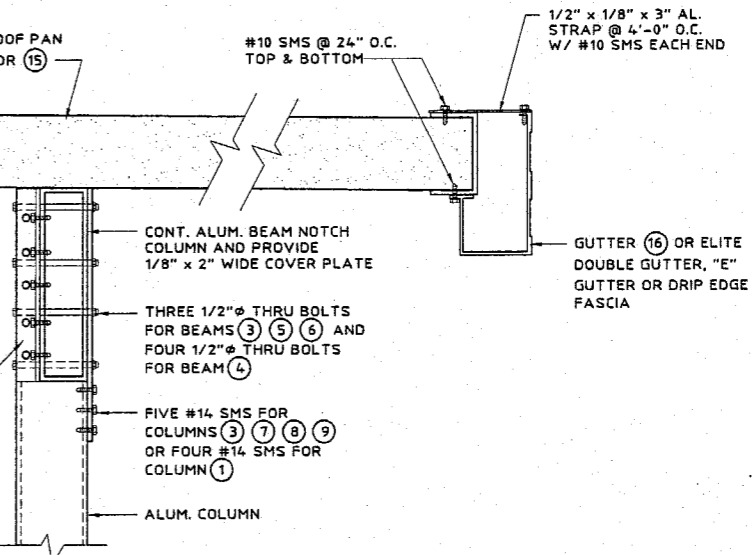
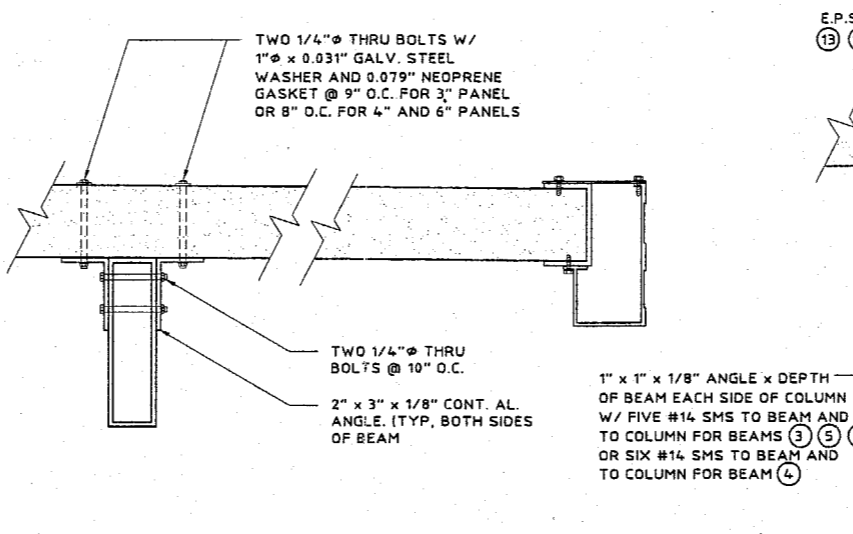
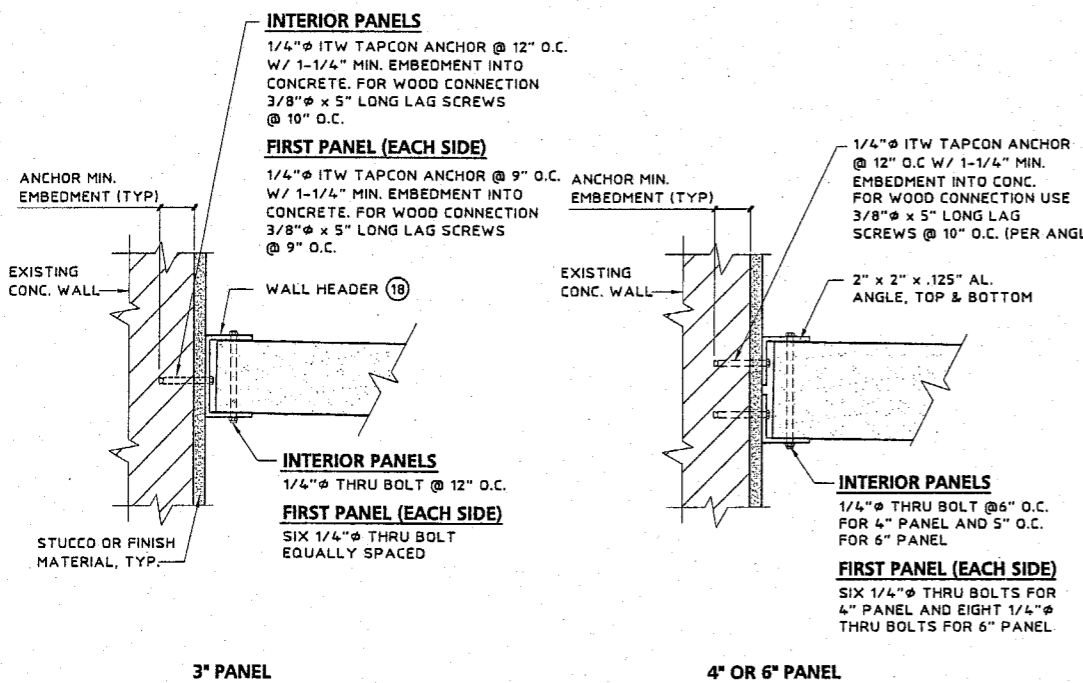
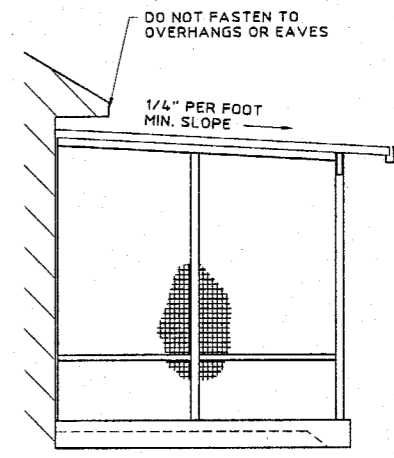
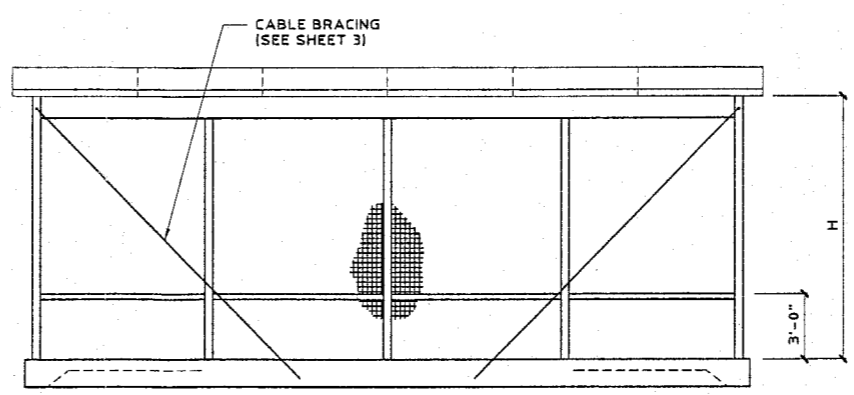
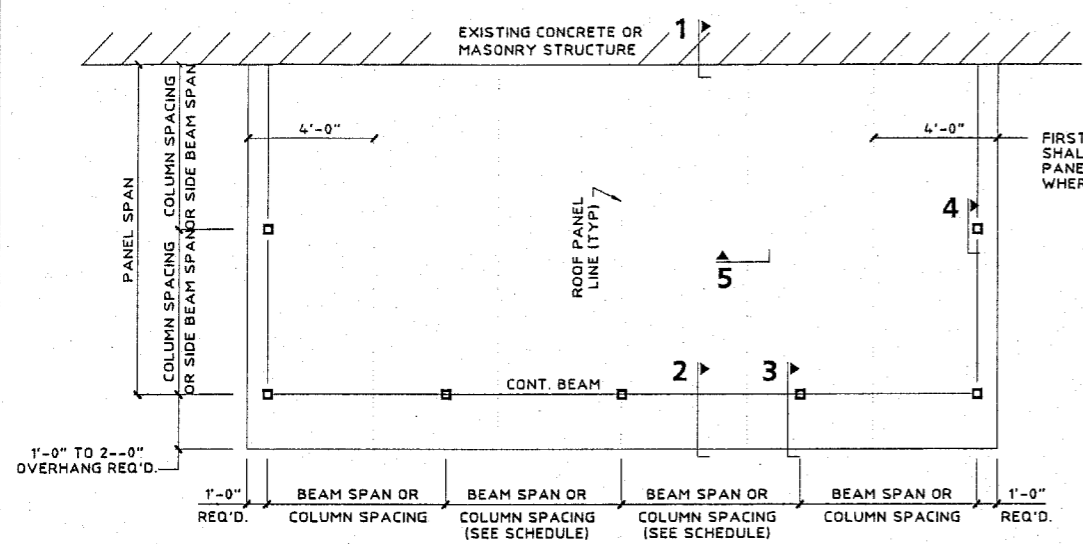
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*[Signature]*  
 OCT 1 2002

no	date	description
1	06/30/99	VJK COUNTY COMMENTS, PG. 4
2	06/19/02	JAP/FBC2001 NOTES / RENEWAL

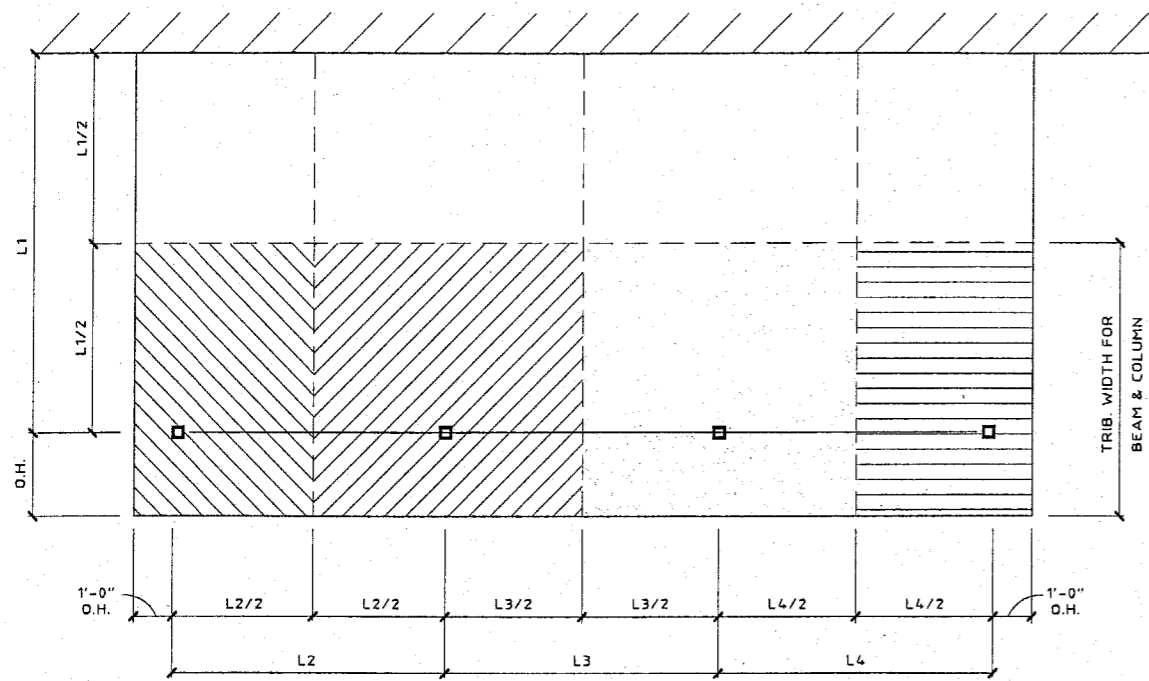
date	12/15/1995
scale	AS NOTED
drawn by	MCR
design by	VJK
checked by	VJK
drawing no.	95-681
sheet	2 of 4



Approved as complying with the Florida Building Code  
 Date 02/20/2003  
 NOA# 03-0169-01  
 Miami Dade Product Control  
 Division  
 By *[Signature]*

Print Information: \\hurston\va\CAD\4895\ELITE\95-681\95-681-02.dwg MCRlu 03/27/2003 10:04:19am





- CASE 1 TRIB. AREA =  $(L1/2 + O.H.) \times (L2/2 + 1)$
- CASE 2 TRIB. AREA =  $(L2/2 + L3/2) \times (L1/2 + O.H.)$
- CASE 3 TRIB. AREA =  $(L3/2 + L4/2) \times (L1/2 + O.H.)$
- CASE 4 TRIB. AREA =  $(L1/2 + O.H.) \times (L4/2 + 1)$

**TRIBUTARY WIDTH/AREA DIAGRAM**  
N.T.S.

TABLE 1		BEAM SCHEDULE L/80 (SEE NOTE 4)												
		BEAM SECTION				SPAN TABLE FOR DIFFERENT TRIBUTARY WIDTHS (FT - IN)								
TYPE	MARK	A (IN)	B (IN)	T <sub>w</sub> (IN)	T <sub>f</sub> (IN)	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	8'-6"	9'-0"
SB	①	2	4	0.055	0.055	5-7	5-4	5-1	4-11	4-9	4-8	4-6	4-4	4-3
LB	②	2	4	0.055	0.090	5-8	5-5	5-3	5-0	4-10	4-9	4-7	4-5	4-4
LB	③	2	6	0.055	0.130	8-3	7-11	7-7	7-4	7-1	6-10	6-8	6-6	6-4
LB	④	2	7	0.055	0.130	9-2	8-9	8-5	8-2	7-10	7-7	7-5	7-2	7-0
LB	⑤	2	8	0.072	0.224	12-3	11-9	11-4	10-11	10-7	10-4	10-0	9-9	9-6
LB	⑥	2	9	0.072	0.224	13-3	12-9	12-4	11-11	11-6	11-2	10-10	10-7	10-4

TABLE 2		BEAM SCHEDULE L/180 (SEE NOTE 4)												
		BEAM SECTION				SPAN TABLE FOR DIFFERENT TRIBUTARY WIDTHS (FT - IN)								
TYPE	MARK	A (IN)	B (IN)	T <sub>w</sub> (IN)	T <sub>f</sub> (IN)	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	8'-6"	9'-0"
SB	①	2	4	0.055	0.055	5-2	5-0	4-11	4-9	4-8	4-7	4-6	4-4	4-3
LB	②	2	4	0.055	0.090	5-2	5-0	4-11	4-10	4-8	4-7	4-6	4-5	4-4
LB	③	2	6	0.055	0.130	7-9	7-7	7-5	7-2	7-1	6-10	6-8	6-6	6-4
LB	④	2	7	0.055	0.130	9-0	8-9	8-5	8-2	7-10	7-7	7-5	7-2	7-0
LB	⑤	2	8	0.072	0.224	11-3	11-0	10-8	10-6	10-3	10-0	9-10	9-8	9-6
LB	⑥	2	9	0.072	0.224	12-6	12-2	11-10	11-7	11-4	11-1	10-10	10-7	10-4

TABLE 3		COLUMN SCHEDULE								
		MAX. COLUMN SPACING FOR A GIVEN HEIGHT, H (FT - IN)							DEFLECTION $\leq L/180$	
		WITH OR WITHOUT SCREEN WALL								
MARK	COLUMN SECTION	A (IN)	B (IN)	T <sub>w</sub> (IN)	T <sub>f</sub> (IN)	H=7.5'	H=8'	H=9'	H=10'	H=11'
						⑦	3 3	0.093	0.093	8-0
⑧	3 3	0.125	0.125	8-0	8-0	8-0	6-1	4-7	-	-
⑨	4 4	0.125	0.125	8-0	8-0	8-0	8-0	8-0	-	-
①	2 4	0.055	0.055	6-0	5-4	4-5	3-8	-	-	-
③	2 6	0.055	0.130	8-0	8-0	8-0	8-0	8-0	-	-

TABLE 5		PANEL SPAN SCHEDULE (FT - IN)			
PANEL DEPTH (IN)	W/ 1'-0" OVERHANG	W/ 2'-0" OVERHANG			
		L/80	L/180		
3"	10-4	9-6	10-0		
4"	11-0	10-3	10-5		
6"	11-0	13-6	13-10		

TABLE 4		COLUMN SCHEDULE								
		MAX. COLUMN SPACING FOR A GIVEN HEIGHT, H (FT - IN)							DEFLECTION $\leq L/180$	
		WITH OR WITHOUT SCREEN WALL								
MARK	COLUMN SECTION	A (IN)	B (IN)	T <sub>w</sub> (IN)	T <sub>f</sub> (IN)	H=7.5'	H=8'	H=9'	H=10'	H=11'
						⑦	3 3	0.093	0.093	5-0
⑧	3 3	0.125	0.125	6-5	5-4	-	-	-	-	-
⑨	4 4	0.125	0.125	8-0	8-0	8-0	6-8	5-0	-	-
①	2 4	0.055	0.055	4-6	-	-	-	-	-	-
③	2 6	0.055	0.130	8-0	8-0	8-0	8-0	6-4	-	-

TABLE 6		SIDE BEAM SCHEDULE (FT - IN)	
MARK	L/80	L/180	
⑩	3-7	3-0	
⑪	5-9	4-9	
① or ②	7-0	6-0	

Approved as complying with the Florida Building Code  
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 Miami Dade Product Control  
 Division  
 By Heung A. Mak



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**V.J. KNEZEVICH**  
 PROFESSIONAL ENGINEER  
 FL License No: PE-0010983

*[Signature]*  
 OCT 10 2002

no	date	description
1	04/30/98	VJK COUNTY COMMENTS, PG. 4
2	06/19/02	JAP/FBC2001 NOTES / RENEWAL

date 12/15/1995  
 scale AS NOTED drawn by MCR  
 design by VJK checked by VJK  
 drawing no. 95-681  
 sheet 4 of 4