



BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
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CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Alumistand & Vibra Dama Corp. of America
3350 Burriss Road
Fort Lauderdale ,FL 33314

Your application for Notice of Acceptance (NOA) of:

Aluminum Roof Mounted Stand Frame Support for Air Conditioning Units

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 01-0912.07
EXPIRES: 09/05/2002

Raul Rodriguez
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 02/14/2002

Alumistand & Vibra-Dama Corp. of America

ACCEPTANCE No. : 01-0912.07

APPROVED : 02/14/2002

EXPIRES : 09/05/2002

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

This revises the Notice of Acceptance No. 99-0623.02, which was issued on August 19, 1999. It approves aluminum roof stand frames, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

These aluminum roof stand frames and their components shall be constructed in strict compliance with the following documents: Drawing No. 00-339, titled "Air Conditioning Stand", sheets 1 through 3 of 3, prepared by Knezevich & Associates, Inc., signed and sealed by V. J. Knezevich, P.E., dated January 16, 2002, last revision #1 dated January 16, 2002, 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. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

All permanent set components, included but not limited to embedded anchor bolts, must be protected against corrosion, contamination and damage at all times.

4. INSTALLATION

These aluminum roof stand frames and their components shall be installed in strict compliance with the approved drawings.

5. LABELING

Each aluminum roof stand frame shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved".

6. BUILDING PERMIT REQUIREMENTS

6.1 Application for building permit shall be accompanied by copies of the following:

6.1.1 This Notice of Acceptance.

6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.

6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.



Helmy A. Makar, P.E.- Product Control Examiner
Product Control Division

Alumistand & Vibra-Dama Corp. of America

ACCEPTANCE No. : 01-0912.07

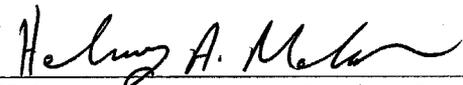
APPROVED : 02/14/2002

EXPIRES : 09/05/2002

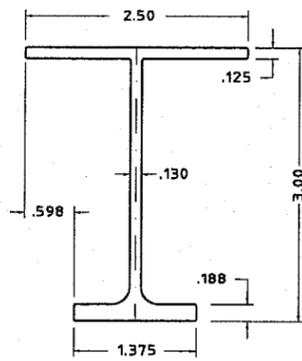
NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documents, including test-supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a. There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes.
 - b. The product is no longer the same product (identical) as the one originally approved.
 - c. If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product.
 - d. The engineer, who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a. Unsatisfactory performance of this product or process.
 - b. Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purposes.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer needs not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1 through 3.

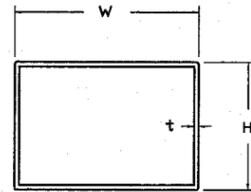
END OF THIS ACCEPTANCE



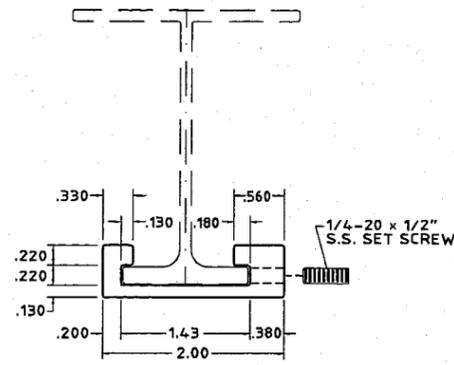
Helmy A. Makar, P.E.- Product Control Examiner
Product Control Division



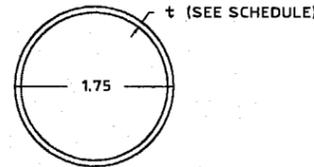
1 RAIL (I-BEAM)
6061-T6 ALUM. ALLOY
HALF SIZE



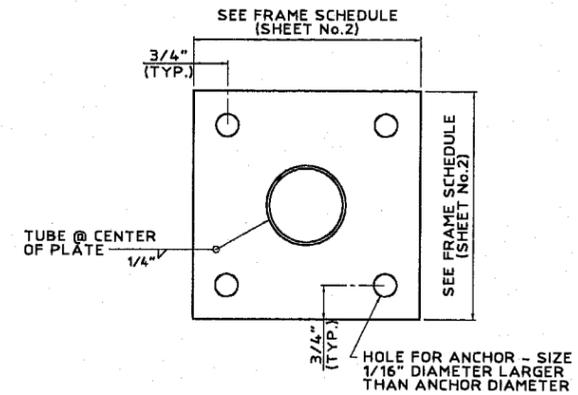
2 RECTANGULAR TUBING
6061-T6 ALUM. ALLOY
HALF SIZE



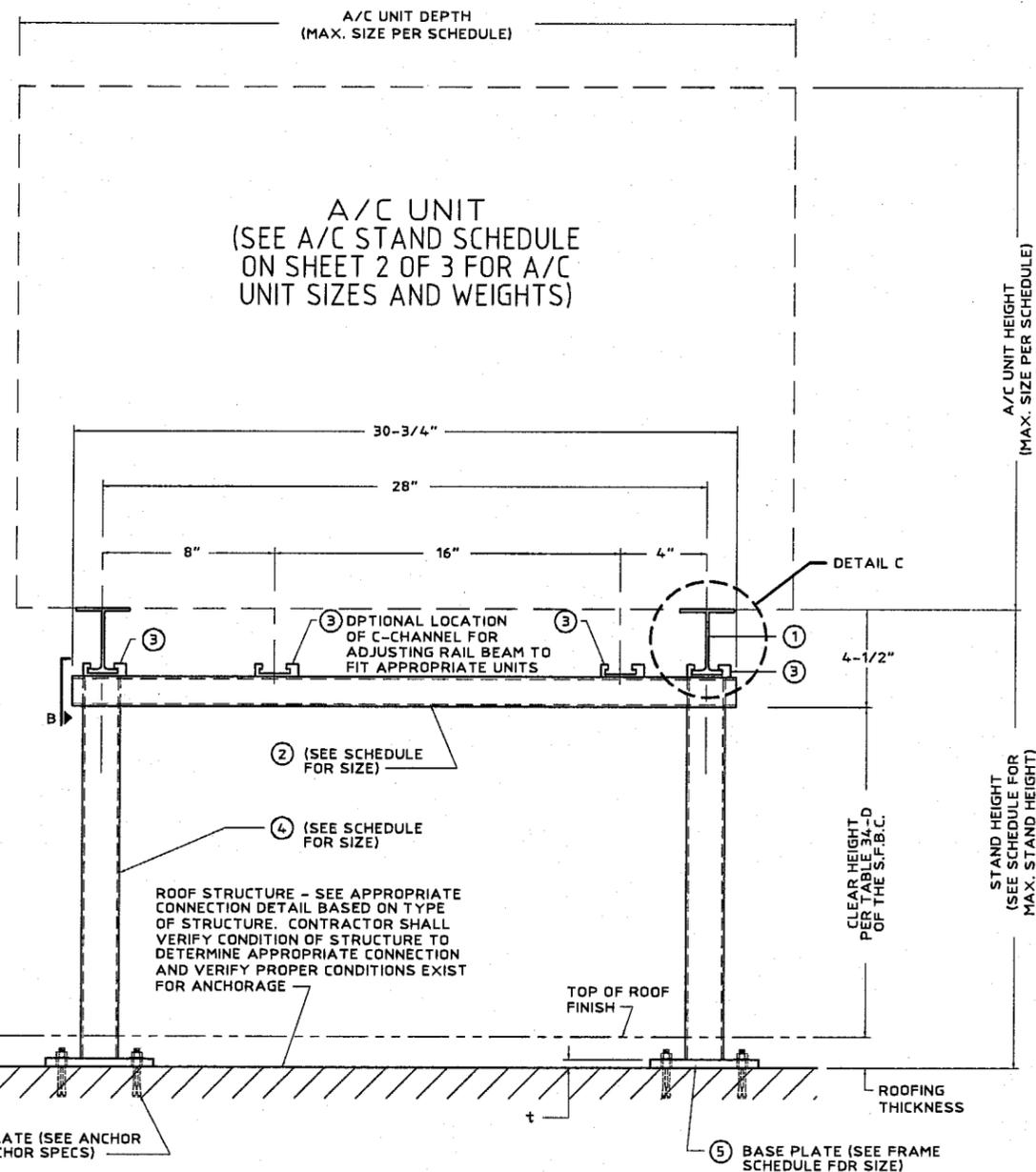
3 C-CHANNEL
6005-T5 ALUM. ALLOY
HALF SIZE



4 ROUND TUBING
6061-T6 ALUM. ALLOY
HALF SIZE



5 BASE PLATE
6061-T6 ALUM. ALLOY
SCALE: 3" = 1'-0"

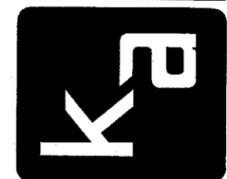


A ASSEMBLY ELEVATION (END VIEW)
SCALE: 1/2" = 1'-0"

NOTES:

1. THESE A/C STANDS ARE DESIGNED IN ACCORDANCE WITH THE SOUTH FLORIDA BUILDING CODE, 1994 EDITION.
2. WIND LOADS ARE BASED UPON ASCE 7-88 USING A BASIC WIND SPEED EQUAL TO 110 MPH, AN IMPORTANCE FACTOR OF 1.05, AND FORCE COEFFICIENTS PER TABLE 13.
3. STANDS SHALL BE INSTALLED WITH A MINIMUM CLEAR HEIGHT IN ACCORDANCE WITH S.F.B.C. CH. 34, TABLE 34-D.
4. ALUMINUM DESIGN IS IN ACCORDANCE WITH THE S.F.B.C. CHAPTER 30 AND THE ALUMINUM ASSOCIATION SPECIFICATIONS FOR ALUMINUM STRUCTURES.
5. ALUMINUM ALLOYS SHALL BE AS NOTED ON DRAWINGS. ALL WELDING SHALL BE PERFORMED WITH 5556 FILLER ALLOY.
6. A/C CONTRACTOR SHALL PROVIDE VIBRATION ISOLATOR PADS BETWEEN A/C UNIT AND STAND.
7. A FLORIDA REGISTERED ENGINEER SHALL VERIFY CAPACITY OF EXISTING STRUCTURE TO SUPPORT A/C STAND LOADS SHOWN IN FRAME SCHEDULE.

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE 02/14/2002
BY *Helmut A. Knezevich*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0912.07



KNEZEVICH & ASSOCIATES, INC.
CONSULTING ENGINEERS - PRODUCT TESTING
1760 N. UNIVERSITY DRIVE, SUITE 180 • FORT LAUDERDALE, FL 33322
TEL: (954) 382-2800 • FAX: (954) 382-2989 • FLORIDA COA #3205
WEBSITE: WWW.KNEZEVICH.COM • E-MAIL: KA@KNEZEVICH.COM
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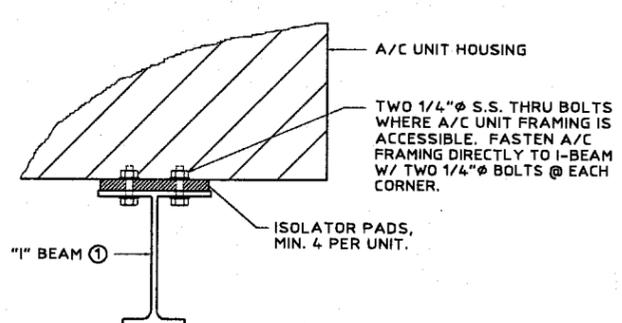
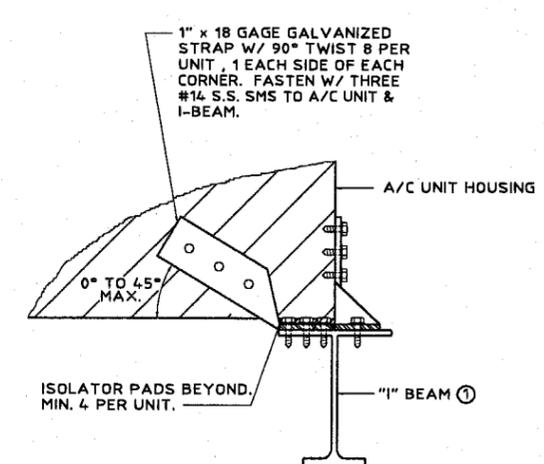
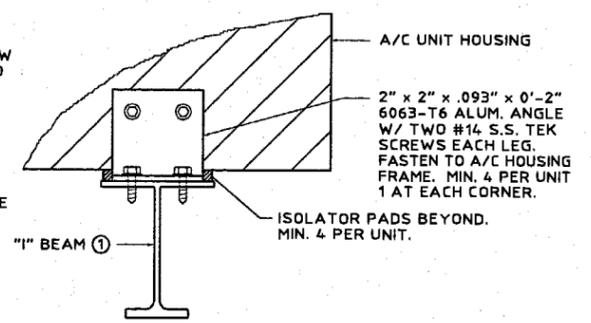
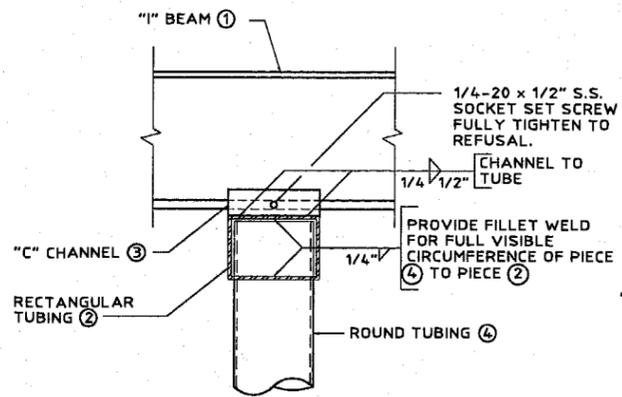
AIR CONDITIONING STAND
ALUMINUM STAND & VIBRA-DAMP CORPORATION
3350 BURRIS ROAD
FT. LAUDERDALE, FL 33314
(954) 584-6001
(800) 266-7212
AMERICA

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

JAN 16 2002

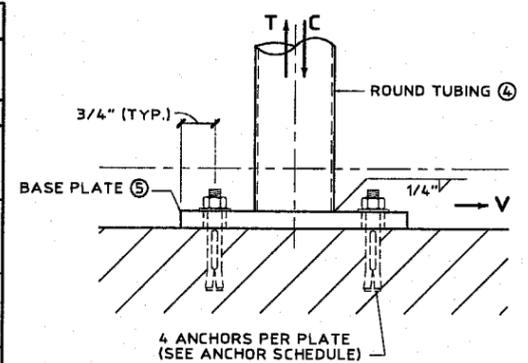
no.	date	description	BY	CHECKED
1	01/16/02	ZS		
revisions				
date 09/07/01				
scale AS NOTED		drawn by AV		
design by ZS		checked by VJK		
drawing no. 00-339				
sheet 1 of 3				

A/C STAND SCHEDULE								
STAND No.	A/C UNIT H x W x D (MAX. SIZES)	MAX. DESIGN WIND LOAD (PSF)	NON-COASTAL BUILDING ZONE MAX. ROOF HEIGHT	COASTAL BUILDING ZONE MAX. ROOF HEIGHT	FRAME TYPE	MAX. STAND HT.	UNIT WEIGHT (#)	NOTE
1	17" x 24" x 34"	78.6	225'	115'	C	22.5"	200	
1A	17" x 24" x 34"	85.5	325'	200'	C	24"	200	ONE UNIT TWO FRAMES
2	26.5" x 24" x 36"	85.7	300'	200'	B	29"	200	
		58.5	60'	N.A.	A	25"	200	
3	26.5" x 24" x 24"	85.7	300'	200'	B	29"	200	
		71.0	140'	60'	A	19"	200	
		58.5	60'	N.A.	A	25"	200	
4	24" x 24" x 24"	68.5	100'	50'	C	18.5"	200	
		78.6	225'	115'	D	18.5"	200	
4A	24" x 24" x 24"	85.5	325'	200'	C	24"	200	ONE UNIT TWO FRAMES
5	28.5" x 31" x 36"	71.0	140'	60'	B	23"	200	
		58.5	60'	N.A.	B	31"	200	
6	40" x 40" x 40"	58.5	60'	N.A.	B	29"	200	
7	40" x 80" x 40"	58.5	60'	N.A.	B	29"	1600.0 (MAX.)	4 FRAMES REQUIRED EQUALLY SPACED L = 7' 1 UNIT ONLY

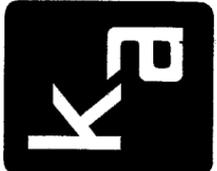


ANCHOR SCHEDULE		
FRAME TYPE	EXISTING STRUCTURE	ANCHOR TYPE
A	CONCRETE	3/8"Ø RAWL LOK/BOLT SLEEVE ANCHOR W/ 1-5/8" MIN. EMBEDMENT IN CONCRETE & 3" MIN. EDGE DISTANCE.
B	CONCRETE	1/2"Ø RAWL LOK/BOLT SLEEVE ANCHOR W/ 2-1/4" MIN. EMBEDMENT IN CONCRETE & 3" MIN. EDGE DISTANCE.
A & B	WOOD	3/8"Ø S.S. LAG SCREW W/ 3-1/2" MIN. PENETRATION IN WOOD FRAMING BEYOND PLYWOOD & MIN. 1" EDGE DISTANCE.
A & B	STEEL	3/8"Ø A307 GALVANIZED BOLT W/ NUT & WASHER. FASTEN DIRECTLY TO EXISTING STEEL MEMBERS, NOT THRU METAL DECK OR ROOFING.
C & D	CONCRETE	FOUR 5/16"Ø POWERS/ RAWL LOK BOLTS W/ 1- 1/2" EMBEDMENT IN CONCRETE AND 3-3/4" MIN. EDGE DISTANCE.
C & D	WOOD	FOUR 3/8"Ø S.S. LAG SCREW W/ 2" MIN. PENETRATION IN WOOD FRAMING BEYOND PLYWOOD & MIN. 1" EDGE DISTANCE.
C & D	STEEL	FOUR #12- 14 ITW BULDEX TEKS-SELF DRILLING FASTENERS WITH BONDED WASHER. FASTEN DIRECTLY TO EXISTING STEEL MEMBERS, NOT THRU METAL DECK OR ROOFING.

FRAME SCHEDULE							
FRAME TYPE	(4) POST SIZE		(2) TUBE SIZE W x H x t	(5) BASE PLATE SIZE	SUPPORT REACTIONS		
	O.D.	t			T (#)	V (#)	C (#)
A	1.75"	0.065"	2.03" x 1.4" x .050"	5" x 5" x 5/16"	362	157	562
B	1.75"	0.110"	2.03" x 1.4" x .075"	5" x 5" x 3/8"	581	218	781
C	1.75"	0.065"	2.03" x 1.4" x .050"	4" x 4" x 1/4"	279	171	329
D	1.75"	0.110"	2.03" x 1.4" x .075"	4" x 4" x 1/4"	338	196	588



NOTE: A FLORIDA REGISTERED ENGINEER SHALL VERIFY THAT THE EXISTING STRUCTURE IS CAPABLE OF RESISTING THE LOADS IMPOSED SHOWN IN THE FRAME SCHEDULE. DO NOT ATTACH TO STEEL JOISTS W/O COORDINATING W/ JOIST MANUFACTURER OR APPROVAL OF PROFESSIONAL ENGINEER.



KNEZEVICH & ASSOCIATES, INC.
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1260 N. UNIVERSITY DRIVE, SUITE 180 • FORT LAUDERDALE, FL 33372
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V.J. KNEZEVICH
PROFESSIONAL ENGINEER
FL License No: PE 0010983

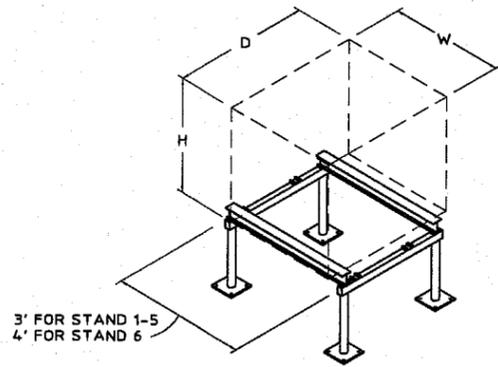
JAN 16 2002

no.	date	description
1	01/16/02	ZS

date 09/07/01
scale AS NOTED
design by ZS
checked by VJK

drawing no. 00-339
sheet 2 of 3

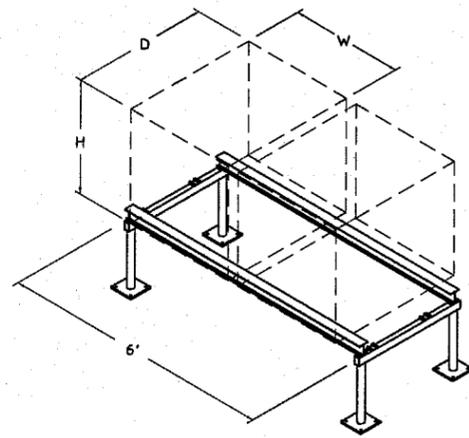
APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE 02/14/2002
BY *Heung H. Mak*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0912-01



ONE UNIT SYSTEM (ISOMETRIC)

SCALE: 1/4" = 1'-0"

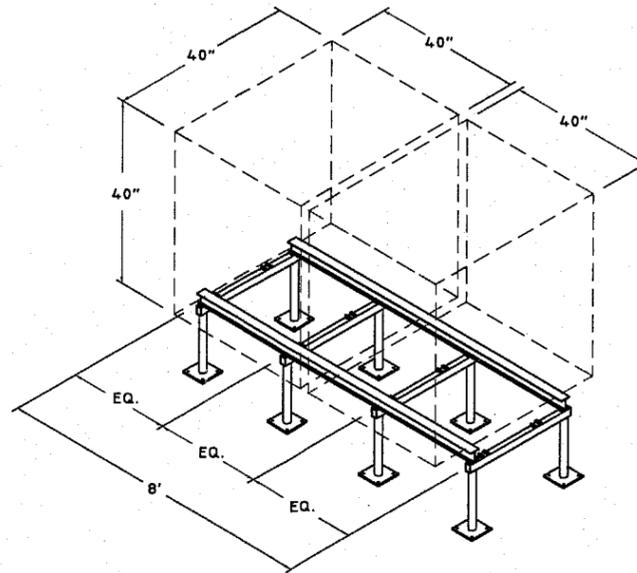
STAND 1, 1A, 2, 3, 4, 4A, 5 OR 6



TWO UNIT SYSTEM (ISOMETRIC)

SCALE: 1/4" = 1'-0"

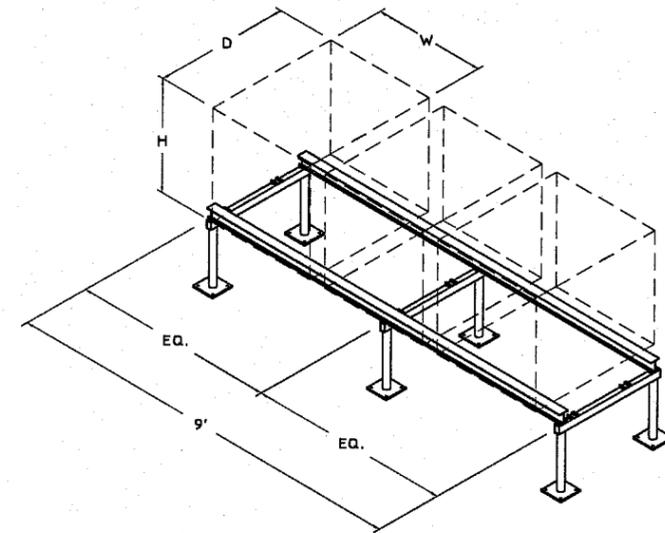
STAND 1, 1A, 2, 3, 4, 4A OR 5



TWO UNIT SYSTEM (ISOMETRIC)

SCALE: 1/4" = 1'-0"

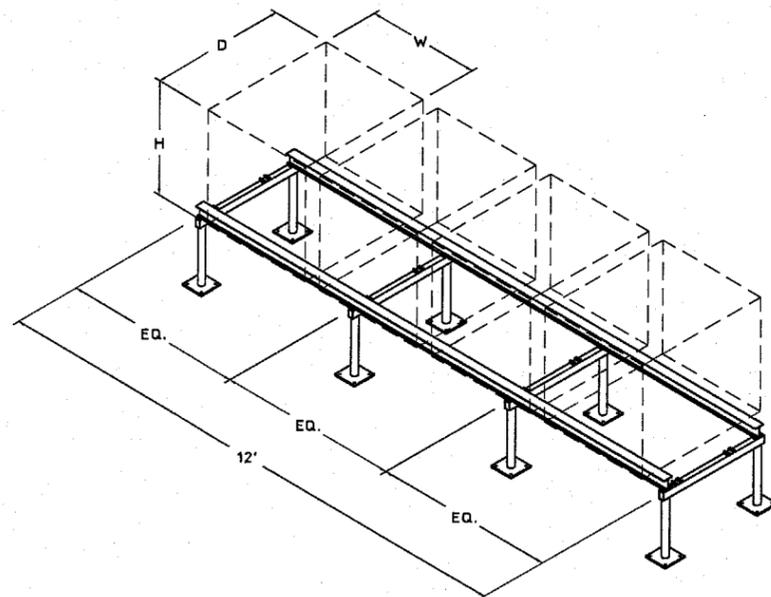
STAND 6



THREE UNIT SYSTEM (ISOMETRIC)

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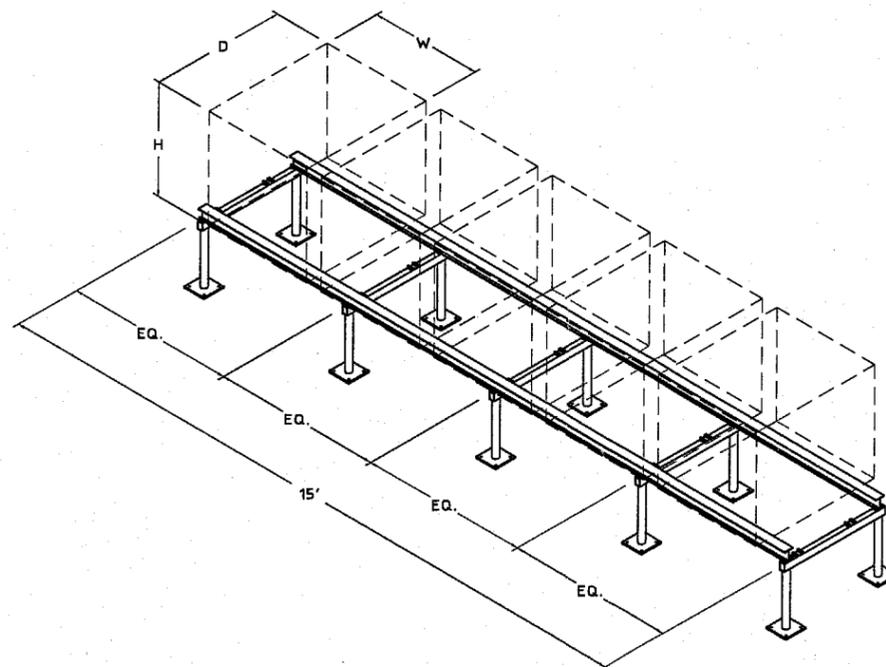
STAND 1, 1A, 2, 3, 4, 4A OR 5



FOUR UNIT SYSTEM (ISOMETRIC)

SCALE: 1/4" = 1'-0"

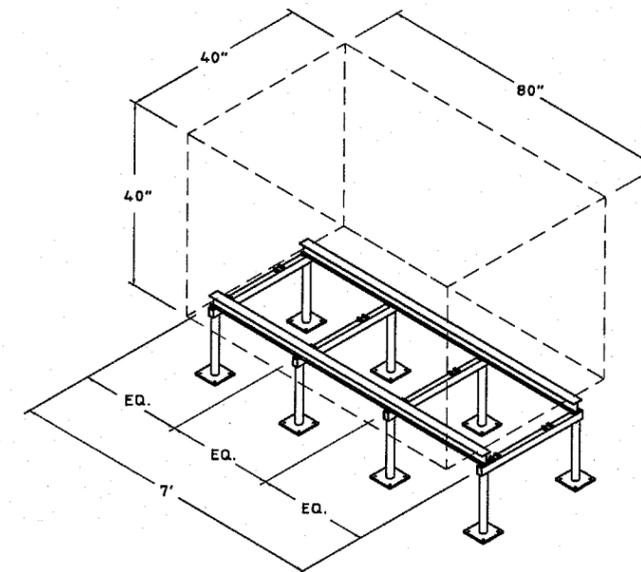
STAND 1, 1A, 2, 3, 4, 4A OR 5



FIVE UNIT SYSTEM (ISOMETRIC)

SCALE: 1/4" = 1'-0"

STAND 1, 1A, 2, 3, 4, 4A OR 5

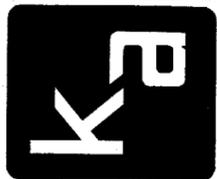


ONE UNIT SYSTEM (ISOMETRIC)

SCALE: 1/4" = 1'-0"

STAND 7

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE 02/14/2002
BY Heung H. Ma
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0912-07



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(800) 266-7212

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

JAN 16 2002

no	date	description	BY
1	01/16/02	ZS	
		BCCD COMMENTS	

date 09/07/01
scale AS NOTED
design by ZS
checked by VJK

drawing no.
00-339
sheet 3 of 3