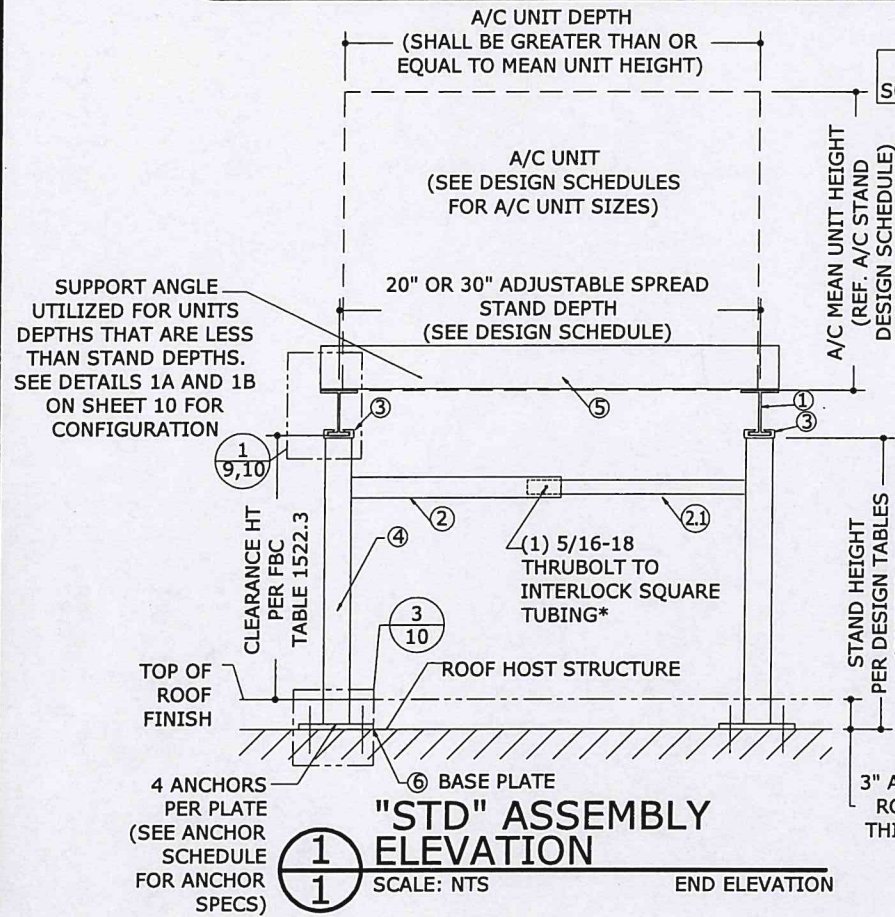
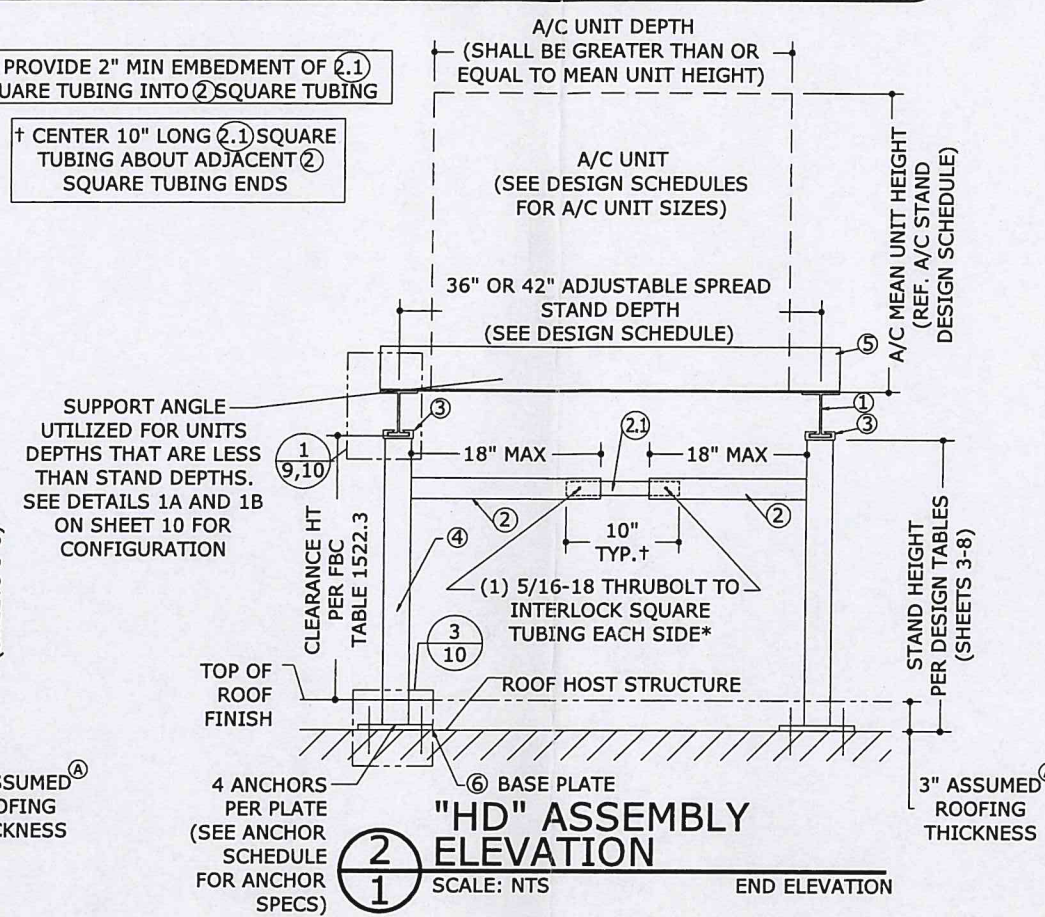


# ALUMINUM STANDS FOR MECHANICAL UNITS



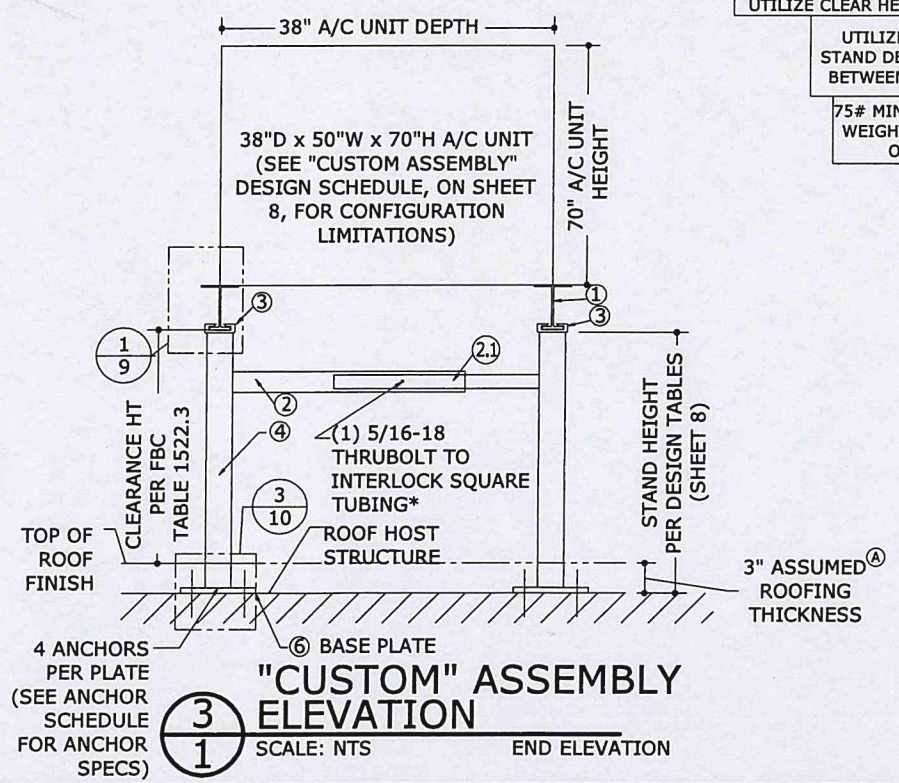
**"STD" ASSEMBLY ELEVATION**

SCALE: NTS END ELEVATION



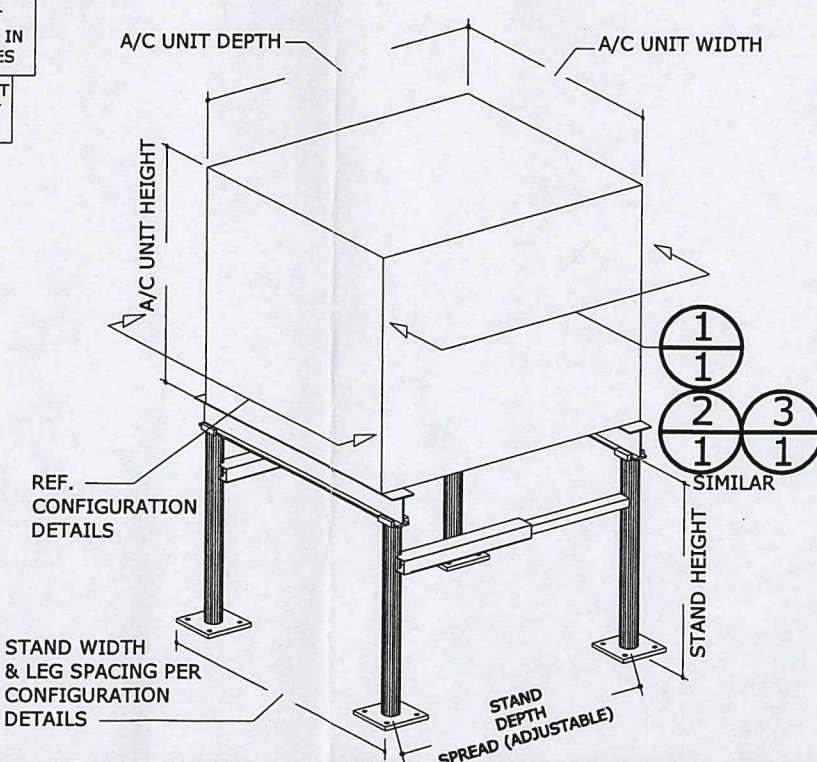
**"HD" ASSEMBLY ELEVATION**

SCALE: NTS END ELEVATION



**"CUSTOM" ASSEMBLY ELEVATION**

SCALE: NTS END ELEVATION



UTILIZE NEXT-HIGHEST STAND HEIGHT FOR LARGER ROOF THICKNESS. FOR ROOFING WITHOUT INSULATION OMIT 3" THICKNESS AND UTILIZE CLEAR HEIGHT FROM FINISHED FLOOR.

UTILIZE NEXT-SMALLEST STAND DEPTH FOR VALUES IN BETWEEN EXISTING TABLES

75# MIN./450 # MAX UNIT WEIGHT AS VERIFIED BY OTHERS, TYP.

## MAXIMUM ALLOWABLE DESIGN PRESSURES:

AS NOTED IN DESIGN SCHEDULES

## DESIGN NOTES:

DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED SEPARATELY ON A JOB-SPECIFIC BASIS IN ACCORDANCE WITH THE GOVERNING CODE USING ASD METHODOLOGY. SITE-SPECIFIC PRESSURE REQUIREMENTS AS DETERMINED IN ACCORDANCE WITH ASCE 7-10 AND CHAPTER 16 OF THE FLORIDA BUILDING CODE SIXTH EDITION (2017) SHALL BE LESS THAN OR EQUAL TO THE LATERAL AND UPLIFT DESIGN PRESSURE CAPACITY VALUES LISTED HEREIN FOR ANY ASSEMBLY AS SHOWN.

## GENERAL NOTES

- THIS SYSTEM HAS BEEN DESIGNED AND SHALL BE FABRICATED IN ACCORDANCE WITH THE STRUCTURAL PROVISIONS OF THE FLORIDA BUILDING CODE SIXTH EDITION (2017).
- MAXIMUM DIMENSIONS AND WEIGHT OF A/C UNIT SHALL CONFORM TO SPECIFICATIONS STATED HEREIN, MINIMUM 75LB OR MAXIMUM AS LISTED HEREIN.
- THE ARCHITECT/ENGINEER OF RECORD FOR THE PROJECT SUPERSTRUCTURE WITH WHICH THIS DESIGN IS USED SHALL BE RESPONSIBLE FOR THE INTEGRITY OF ALL SUPPORTING SURFACES TO THIS DESIGN WHICH SHALL BE COORDINATED BY THE PERMITTING CONTRACTOR.
- REACTION FORCES LISTED FOR USE WITH HOST STRUCTURE VERIFICATION ARE CALCULATED USING ASD METHODOLOGY. DESIGN PROFESSIONAL OF RECORD TO VERIFY APPLICABILITY AND/OR ADDITIONAL FACTORS FOR USE WITH HOST STRUCTURE VERIFICATION.
- ALL FASTENERS TO BE #10 OR GREATER SAE GRADE 5, UNLESS NOTED OTHERWISE, CADMIUM PLATED OR OTHERWISE CORROSION RESISTANT MATERIAL AND SHALL COMPLY WITH J.3.3, SPECIFICATIONS FOR ALUM. STRUCTURES -SECTION 1, THE ALUMINUM ASSOCIATION, INC., & APPLICABLE FEDERAL, STATE, AND LOCAL CODES. PROVIDE (5) PITCHES MIN PAST THREAD PLANE.
- ALL EXTRUDED MEMBERS SHALL BE ALUMINUM ALLOY TYPE 6061-T6 OR 6005-T5.
- ALL 22GA DEFORMED STEEL STRAPS USED FOR UNIT TIE-DOWNS SHALL BE ASTM A36 MIN. STEEL. FABRICATION OF STEEL STRAPS SHALL BE BY STRAP MANUFACTURER ONLY.
- ALL EXISTING CONCRETE SUBSTRATE SHALL HAVE MINIMUM  $f_c$  COMPRESSIVE STRENGTH OF 3000 PSI AS VERIFIED BY OTHERS.
- ALUMINUM WELDING SHALL BE PERFORMED IN ACCORDANCE WITH FBC SECTION 2003.8.1.4 WITH WELD FILLER ALLOYS MEETING ANSI/AWS A5.10 STANDARDS TO ACHIEVE ULTIMATE DESIGN STRENGTH IN ACCORDANCE WITH THE ALUMINUM DESIGN MANUAL, TABLE J.2.1. SUGGESTED WELD FILLER: 5356 ELECTRODES. ALL ALUMINUM CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE TOLERANCES, QUALITY AND METHODS OF CONSTRUCTION AS SET FORTH IN FBC SECTION 2003.2 AND THE AMERICAN WELDING SOCIETY'S STRUCTURAL WELDING CODE-ALUMINUM (D1.2). MINIMUM WELD IS 1/8" THROAT FULL PERIMETER FILLET WELD UNLESS OTHERWISE NOTED.
- THE CONTRACTOR IS RESPONSIBLE TO INSULATE MEMBERS FROM DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS.
- ELECTRICAL GROUND, WHEN REQUIRED, TO BE DESIGNED & INSTALLED BY OTHERS. ALL MECHANICAL SPECIFICATIONS (CLEAR SPACE, TONNAGE, ETC.) SHALL BE AS PER MANUFACTURER RECOMMENDATIONS AND ARE THE EXPRESS RESPONSIBILITY OF THE CONTRACTOR.
- ENGINEER SEAL AFFIXED HERETO VALIDATES STRUCTURAL DESIGN AS SHOWN ONLY. USE OF THIS SPECIFICATION BY CONTRACTOR, et. al. INDEMNIFIES & SAVES HARMLESS THIS ENGINEER FOR ALL COST & DAMAGES INCLUDING LEGAL FEES & APPELLATE FEES RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE, & FEDERAL CODES & FROM DEVIATIONS OF THIS PLAN.
- THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT.
- EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.
- AC STANDS SHALL LABEL PER MIAMI-DADE REQUIREMENTS FOR NON-MANDATORY PRODUCT APPROVALS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.

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12/01/2017

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ALUMINUM A/C STAND  
HVHZ COMPLAINT

REVISION	DATE	BY	CHKD	DESCRIPTION
1	01/10/07	KL	CL	INIT. ISSUE
2	05/03/07	KL	CL	REV. TELESCOPIC BOLTS
3	09/30/08	TSB	CL	UPDATE PER 07 FBC
4	05/10/12	CSL	TSB	REV. PER COMMENTS
5	08/16/12	CSL	TSB	REV. PER COMMENTS
6	07/07/15	RWN	CSL	FBC UPDATE
7	05/07/16	RWN	FLB	REV. PER MD COMMENTS
8	03/07/17	RWN	FLB	REV. PER MD COMMENTS

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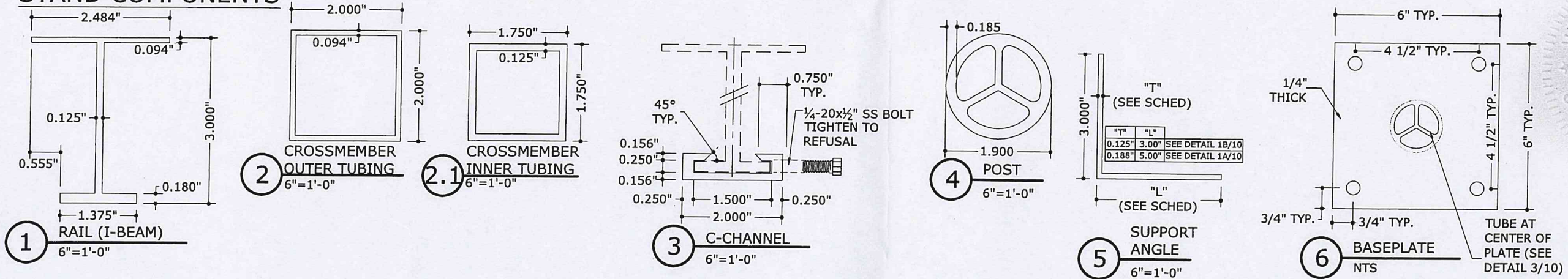
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PAGE DESCRIPTION:  
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1 OF 10

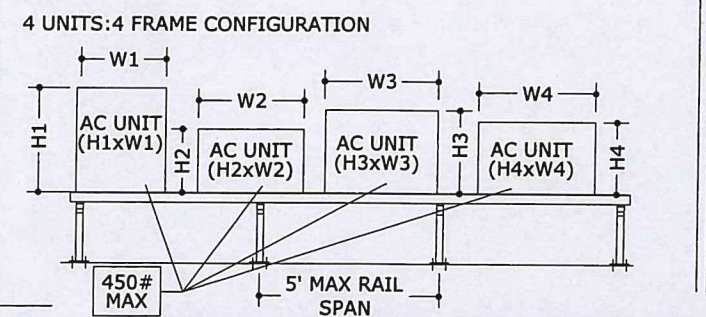
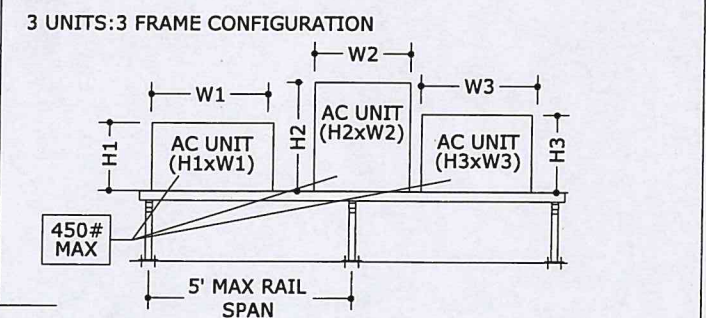
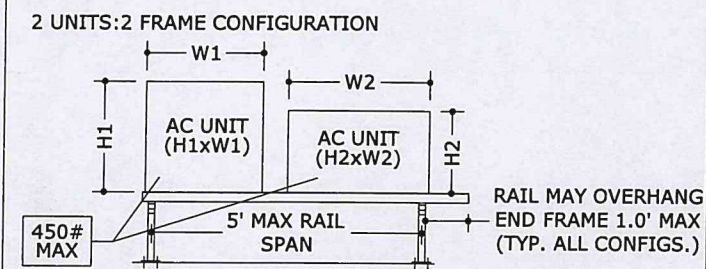
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# STAND COMPONENTS

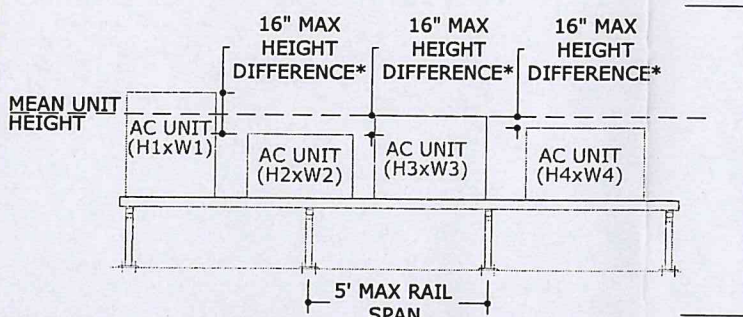
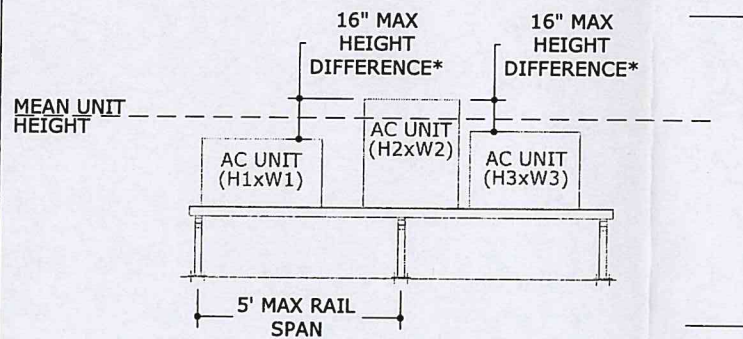
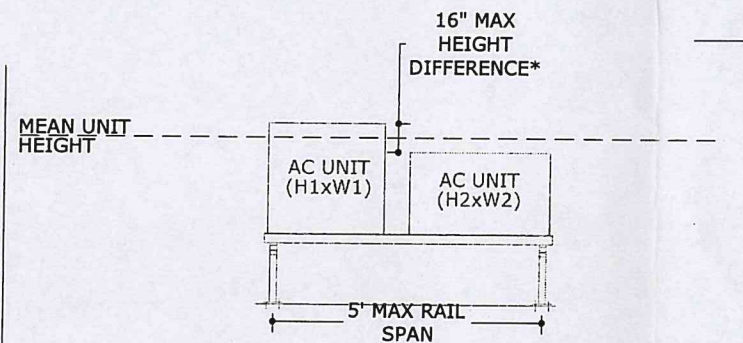


## MEAN UNIT HEIGHT & MAX FACE AREA CALCULATION DIRECTIVE: THIS DIRECTIVE SHALL BE USED TO CALCULATE THE MEAN UNIT HEIGHT & MAXIMUM FACE AREA OF ANY MULTIPLE UNIT CONFIGURATION.

### EXAMPLE CONFIGURATIONS:



NOTE: THE NUMBER OF UNITS PER STAND CONFIGURATION MAY BE UNLIMITED PROVIDED THAT MULTIPLE UNITS CONFORM TO THE MEAN UNIT HEIGHT & MAXIMUM UNIT FACE AREA RESTRICTIONS UTILIZED IN THE DESIGN SCHEDULES.



\*MAXIMUM ALLOWABLE HEIGHT DIFFERENCE BETWEEN ANY UNITS IN A MULTIPLE UNIT CONFIGURATION IS RESTRICTED TO 16" MAX.

### FORMULAS USED FOR DETERMINING MEAN UNIT HEIGHT & MAXIMUM UNIT FACE AREA:

1. CALCULATE THE MEAN UNIT HEIGHT BY THE FOLLOWING EQUATION:

- TWO UNITS:  $\frac{H1+H2}{2}$
- THREE UNITS:  $\frac{H1+H2+H3}{3}$
- FOUR UNITS:  $\frac{H1+H2+H3+H4}{4}$
- "n" UNITS:  $\frac{H1+H2+H3+...Hn}{n}$

2. CALCULATE THE MAXIMUM UNIT FACE AREA BY THE FOLLOWING EQUATION:

- TWO UNITS:  $(H1 \times W1) + (H2 \times W2)$
- THREE UNITS:  $(H1 \times W1) + (H2 \times W2) + (H3 \times W3)$
- FOUR UNITS:  $(H1 \times W1) + (H2 \times W2) + (H3 \times W3) + (H4 \times W4)$
- "n" UNITS:  $(H1 \times W1) + ... (Hn \times Wn)$

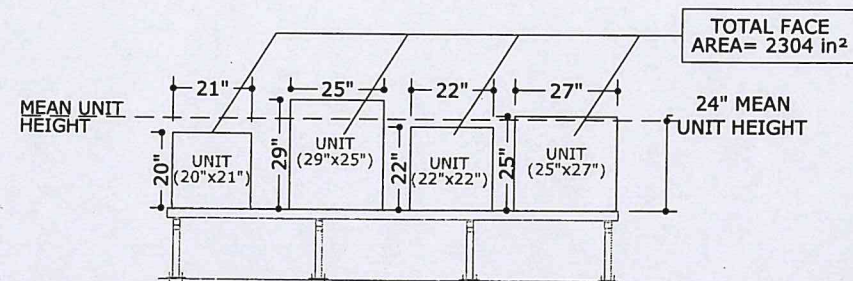
### EXAMPLE SCENARIO:

- CONSIDER A FOUR UNIT CONFIGURATION WITH THE DIMENSIONS AS SHOWN BELOW.
- CALCULATE THE MEAN UNIT HEIGHT.

FOUR UNITS:  $\frac{H1+H2+H3+H4}{4} = \frac{20''+29''+22''+25''}{4} = 24''$  MEAN UNIT HEIGHT

3. CALCULATE THE MAXIMUM FACE AREA.

FOUR UNITS:  $(H1 \times W1) + (H2 \times W2) + (H3 \times W3) + (H4 \times W4) = (20'' \times 21'') + (29'' \times 25'') + (22'' \times 22'') + (25'' \times 27'')$   
 = 2304 in<sup>2</sup>



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ALUMINUM A/C STAND  
HVHZ COMPLAINT

REMARKS	DRWN	CHKD	DATE
INIT ISSUE	KL	CL	01/10/07
REV. TELESCOPIC BOLTS	KL	CL	05/03/07
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REV. PER COMMENTS	CSL	TSB	05/10/12
FBC UPDATE	RWN	CSL	09/16/12
REV PER MD COMMENTS	RWN	FLB	07/07/15
REV. 2017 FBC	RWN	FLB	05/07/16
REV. 2017 FBC	RWN	FLB	11/01/17

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"STD" STAND DESIGN SCHEDULE CONTINUED

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Table with columns: DRWN, CHKD, DATE, REV, TELESCOPIC BOLTS, UPDATE PER '07 FBC, UPDATE PER '10 FBC, REV. PER COMMENTS, REV. PER MD COMMENTS, REV. PER MD COMMENTS, REV. PER MD COMMENTS, REV. PER MD COMMENTS.

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30" STAND DEPTH MINIMUM: MAX FACE AREA (2880in² - 10080in²), FRAME QUANTITY (4-7 FRAMES)

Table with columns: STAND CLEAR HEIGHT, MAX MEAN UNIT HEIGHT, MAX FACE AREA, UNIT TO FRAME RATIO (MAX FACE AREA: 7 FRAMES, 6 FRAMES, 5 FRAMES, 4 FRAMES), MAX. BASE MOMENT (M), MAX. BASE SHEAR (V), MAX. BASE UPLIFT (T), MAX. BASE GRAVITY (C).

30" STAND DEPTH MINIMUM: MAX FACE AREA (2160in² - 7560in²), FRAME QUANTITY (3-6 FRAMES)

Table with columns: STAND CLEAR HEIGHT, MAX MEAN UNIT HEIGHT, MAX FACE AREA, UNIT TO FRAME RATIO (MAX FACE AREA: 6 FRAMES, 5 FRAMES, 4 FRAMES, 3 FRAMES), MAX. BASE MOMENT (M), MAX. BASE SHEAR (V), MAX. BASE UPLIFT (T), MAX. BASE GRAVITY (C).

30" STAND DEPTH MINIMUM: MAX FACE AREA (1440in² - 5040in²), FRAME QUANTITY (2-5 FRAMES)

Table with columns: STAND CLEAR HEIGHT, MAX MEAN UNIT HEIGHT, MAX FACE AREA, UNIT TO FRAME RATIO (MAX FACE AREA: 5 FRAMES, 4 FRAMES, 3 FRAMES, 2 FRAMES), MAX. BASE MOMENT (M), MAX. BASE SHEAR (V), MAX. BASE UPLIFT (T), MAX. BASE GRAVITY (C).

30" STAND DEPTH MINIMUM: MAX FACE AREA (720in² - 2520in²), FRAME QUANTITY (2-3 FRAMES)

Table with columns: STAND CLEAR HEIGHT, MAX MEAN UNIT HEIGHT, MAX FACE AREA, UNIT TO FRAME RATIO (MAX FACE AREA: 3 FRAMES, 2 FRAMES), MAX. BASE MOMENT (M), MAX. BASE SHEAR (V), MAX. BASE UPLIFT (T), MAX. BASE GRAVITY (C).

DESIGN SCHEDULE NOTES:

- 1. MAXIMUM CALCULATED FACE AREA SHALL BE EQUAL TO OR LESS THAN THE MAXIMUM ALLOWABLE FACE AREA FOR EACH CONFIGURATION. 2. REFERENCE ANCHOR SCHEDULE FOR ANCHOR TYPES LISTED HEREIN.

"HD" STAND DESIGN SCHEDULE

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HVHZ COMPLAINT

DRWN CHKD DATE  
KL CL 01/10/07  
REV. TELESCOPIC BOLTS KL CL 05/03/07  
UPDATE PER '07 FBC CSL CL 09/30/08  
REV. PER COMMENTS CSL TSB 06/10/12  
REV. PER COMMENTS CSL TSB 08/16/12  
REV. PER MD COMMENTS RWN CSL 07/07/15  
REV. '2017 FBC RWN FLB 05/07/16  
REV. '2017 FBC RWN FLB 11/01/17  
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36" STAND DEPTH MINIMUM: MAX FACE AREA (3600in² - 12600in²), FRAME QUANTITY (5-8 FRAMES)

Table with 16 columns: STAND CLEAR HEIGHT, MAX MEAN UNIT HEIGHT, MAX FACE AREA, UNIT TO FRAME RATIO (Anchor Type: 1 OR 4, Anchors Type: 2 OR 3), MAX ALLOWABLE LATERAL LOAD, MAX ALLOWABLE UPLIFT, MAX. BASE MOMENT (M), MAX. BASE SHEAR (V), MAX. BASE UPLIFT (T), MAX. BASE GRAVITY (C).

36" STAND DEPTH MINIMUM: MAX FACE AREA (2880in² - 10080in²), FRAME QUANTITY (4-7 FRAMES)

Table with 16 columns: STAND CLEAR HEIGHT, MAX MEAN UNIT HEIGHT, MAX FACE AREA, UNIT TO FRAME RATIO (Anchor Type: 1 OR 4, Anchors Type: 2 OR 3), MAX ALLOWABLE LATERAL LOAD, MAX ALLOWABLE UPLIFT, MAX. BASE MOMENT (M), MAX. BASE SHEAR (V), MAX. BASE UPLIFT (T), MAX. BASE GRAVITY (C).

36" STAND DEPTH MINIMUM: MAX FACE AREA (2160in² - 7560in²), FRAME QUANTITY (3-6 FRAMES)

Table with 16 columns: STAND CLEAR HEIGHT, MAX MEAN UNIT HEIGHT, MAX FACE AREA, UNIT TO FRAME RATIO (Anchor Type: 1 OR 4, Anchors Type: 2 OR 3), MAX ALLOWABLE LATERAL LOAD, MAX ALLOWABLE UPLIFT, MAX. BASE MOMENT (M), MAX. BASE SHEAR (V), MAX. BASE UPLIFT (T), MAX. BASE GRAVITY (C).

36" STAND DEPTH MINIMUM: MAX FACE AREA (1440in² - 5040in²), FRAME QUANTITY (2-5 FRAMES)

Table with 16 columns: STAND CLEAR HEIGHT, MAX MEAN UNIT HEIGHT, MAX FACE AREA, UNIT TO FRAME RATIO (Anchor Type: 1 OR 4, Anchors Type: 2 OR 3), MAX ALLOWABLE LATERAL LOAD, MAX ALLOWABLE UPLIFT, MAX. BASE MOMENT (M), MAX. BASE SHEAR (V), MAX. BASE UPLIFT (T), MAX. BASE GRAVITY (C).

"HD" STAND DESIGN SCHEDULE CONTINUED

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12/01/2017

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36" STAND DEPTH MINIMUM: MAX FACE AREA (720in² - 2520in²), FRAME QUANTITY (2-3 FRAMES)

Table with columns for Stand Clear Height, Max Mean Unit Height, Max Face Area, Unit to Frame Ratio (Anchor Type and Max Allowable Lateral/Uplift), and Load Transfer Information (Max Base Moment, Shear, Uplift, Gravity).

DESIGN SCHEDULE NOTES:

- 1. MAXIMUM CALCULATED FACE AREA SHALL BE EQUAL TO OR LESS THAN THE MAXIMUM ALLOWABLE FACE AREA FOR EACH CONFIGURATION.
2. REFERENCE ANCHOR SCHEDULE FOR ANCHOR TYPES LISTED HEREIN.

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42" STAND DEPTH MINIMUM: MAX FACE AREA (3600in² - 12600in²), FRAME QUANTITY (5-8 FRAMES)

Table with columns for Stand Clear Height, Max Mean Unit Height, Max Face Area, Unit to Frame Ratio (Anchor Type and Max Allowable Lateral/Uplift), and Load Transfer Information.

42" STAND DEPTH MINIMUM: MAX FACE AREA (2880in² - 10080in²), FRAME QUANTITY (4-7 FRAMES)

Table with columns for Stand Clear Height, Max Mean Unit Height, Max Face Area, Unit to Frame Ratio (Anchor Type and Max Allowable Lateral/Uplift), and Load Transfer Information.

42" STAND DEPTH MINIMUM: MAX FACE AREA (2160in² - 7560in²), FRAME QUANTITY (3-6 FRAMES)

Table with columns for Stand Clear Height, Max Mean Unit Height, Max Face Area, Unit to Frame Ratio (Anchor Type and Max Allowable Lateral/Uplift), and Load Transfer Information.

REMARKS table with columns: DRWN, CHKD, DATE, INIT, ISSUE, REV, TELESCOPIC BOLTS, UPDATE PER W/ FBC, UPDATE PER '10 FBC, REV PER COMMENTS, REV PER DATE, REV PER MD COMMENTS, REV PER FLB, REV PER FLB, REV PER FLB, REV PER FLB.

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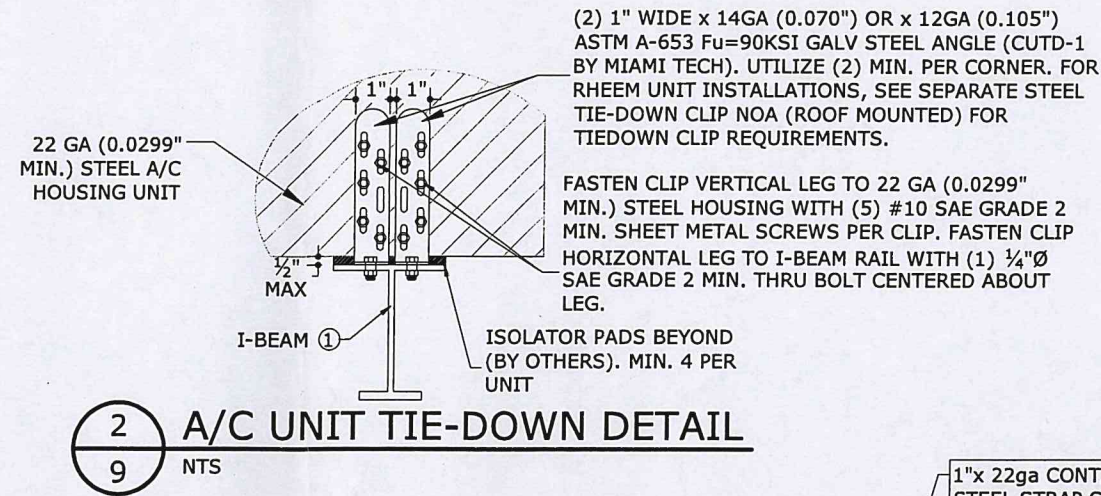
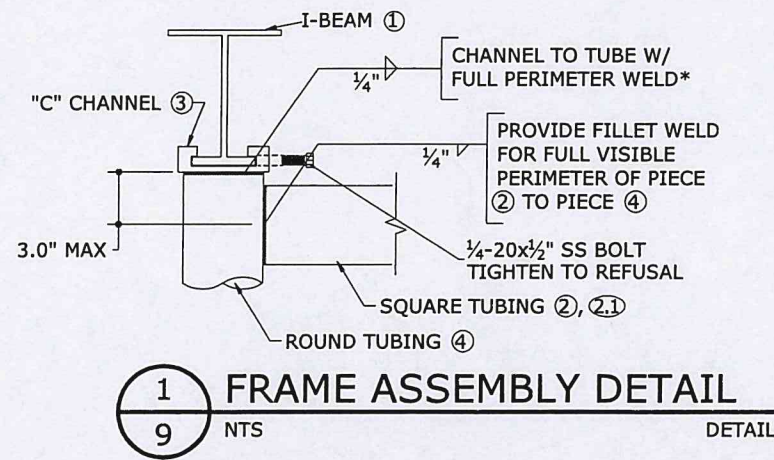
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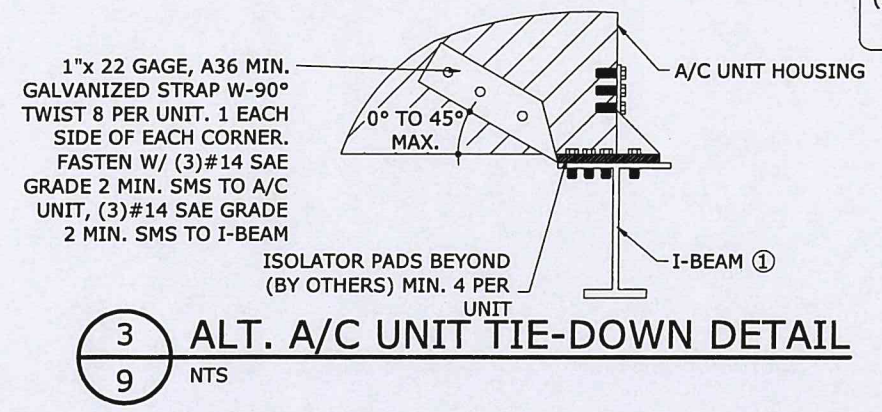
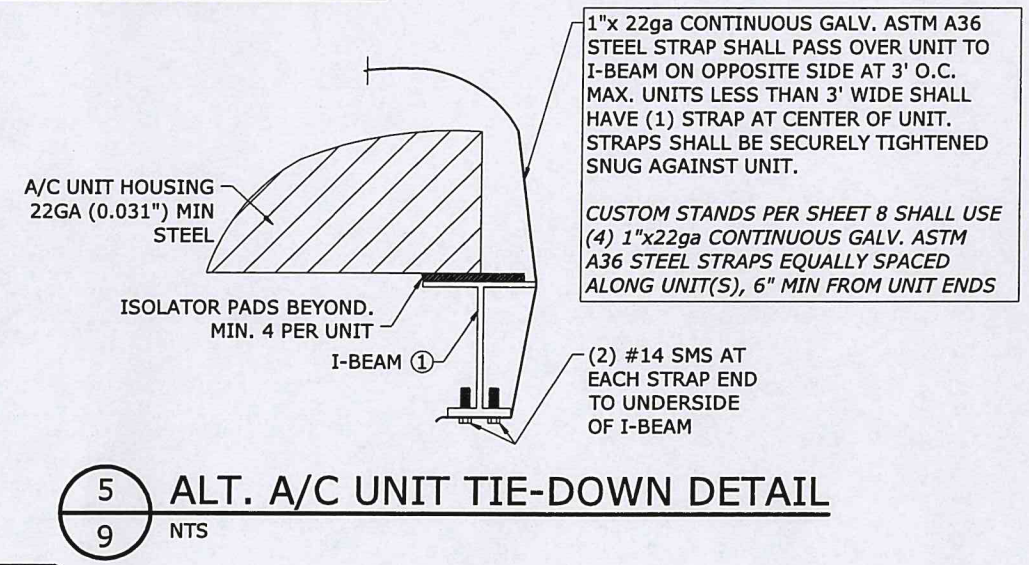


**FRAME ASSEMBLY & UNIT TIE-DOWN DETAILS:**

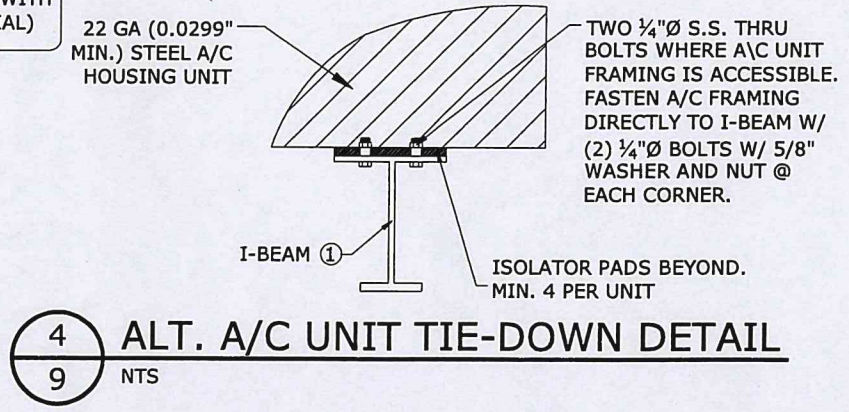


**\*C-CHANNEL TO POST WELD NOTE:**  
IN AREAS WHERE 1/4" WELD DIAMETER CANNOT BE ACHIEVED, CONTINUE WELD AROUND FULL PERIMETER OF POST TO PREVENT WATER INFILTRATION. WELD DIAMETER WILL DECREASE TO 0.05" ALONG C-CHANNEL EDGE. SEE DETAIL BELOW.

0.05"  
2"  
1/4" FILLET WELD  
2 1/2"  
UNDERSIDE OF C-CHANNEL  
POST



NOTE: UNIT TIEDOWN DETAILS MAY ALSO BE USED TO ANCHOR THE UNIT TO THE SUPPORT ANGLE SHOWN ON SHEET 10. (I.E. I-BEAM CAN BE SUBSTITUTED WITH ANGLE SUPPORT AS BASE MATERIAL)



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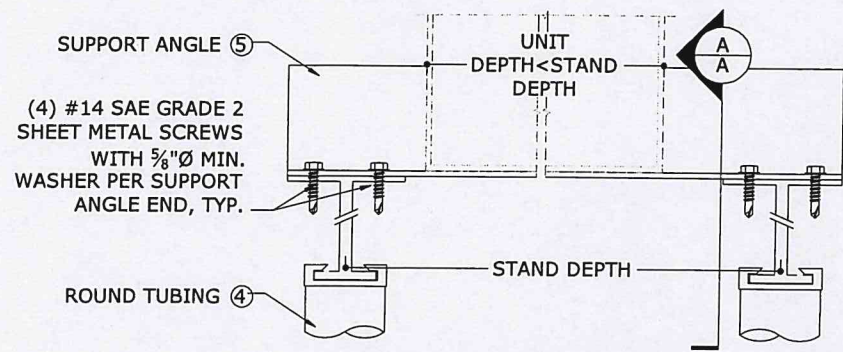
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INIT ISSUE	KL	CL	01/10/07
REV. TELESCOPIC BOLTS	KL	CL	05/03/07
UPDATE PER '07 FBC	TSB	CL	09/30/08
UPDATE PER '10 FBC	CSL	TSB	05/10/12
REV. PER COMMENTS	CSL	TSB	08/16/12
FBC UPDATE	RWN	CSL	07/07/15
REV PER MID COMMENTS	RWN	FLB	05/07/16
REV. 2017 FBC	RWN	FLB	11/01/17

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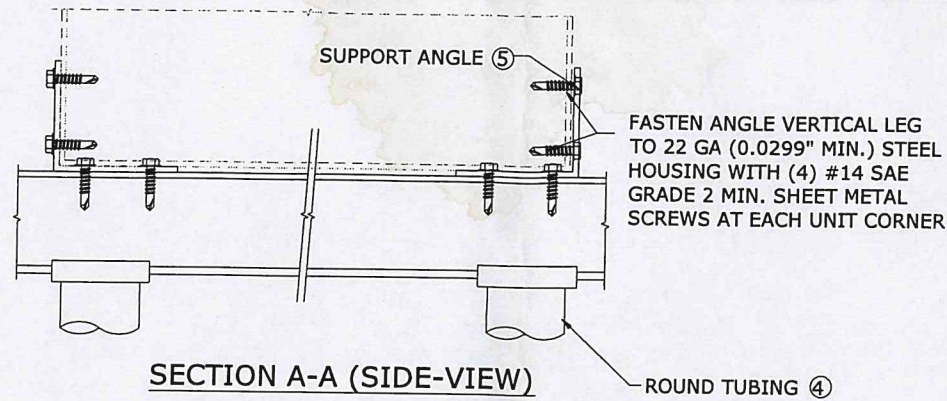
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V:\Projects\15-2476 NOA Existing - Update 13-1017.09 for 2014 Florida Bldg Code-Project\WP12017 FBC Update\15-2476y AC Stand (MPS).dwg  
12/01/2017 - 2:26pm rickn

12/01/2017 - 2:26pm rickn V:\Projects\15-2476 NOA Existing - Update 13-1017.09 for 2014 Florida Bldg Code-Project\WP2017 FBC Update\15-2476 AC Stand (MPS).dwg



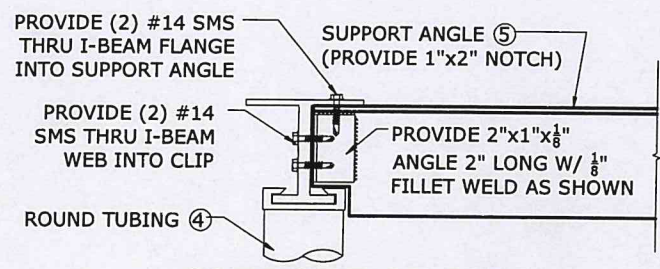
**1A**  
10 NTS  
**SUPPORT ANGLE ATTACHMENT DETAIL**



**SECTION A-A (SIDE-VIEW)**

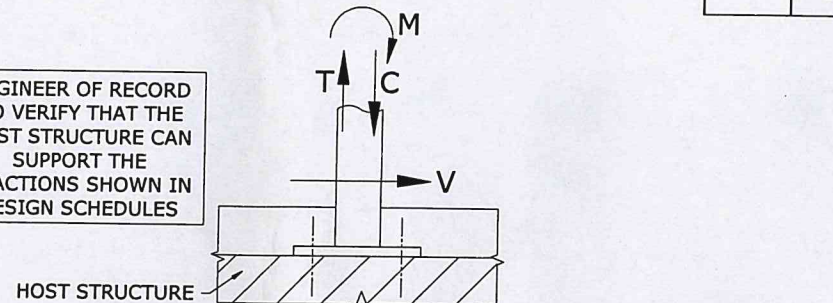
**ANCHOR SCHEDULE**

ANCHOR TYPE	HOST STRUCTURE	ANCHOR DESCRIPTION
1	STEEL	3/8"Ø SAE GRADE 5 SHEET METAL SCREWS WITH 1"Ø MIN. WASHER, TO STRUCTURAL A36 STEEL MEMBERS (3/16" MIN HOST THICKNESS)
2	CONCRETE	3/8"Ø POWERS CARBON STEEL WEDGE-BOLT CONCRETE ANCHOR WITH 1"Ø MIN. WASHER, 2-1/2" EMBEDMENT & 6" MIN EDGE DISTANCE, SEE BASE PLATE COMPONENT #6 (ON SHEET 2) FOR TYPICAL ANCHOR SPACING.
3	WOOD*	*SEE DETAIL 4/10 OR SITE SPECIFIC ENGINEERING IS REQUIRED
4	STEEL	3/8"Ø SAE GRADE 5 THRU BOLT WITH 1"Ø MIN. WASHER & NUT, TO STRUCTURAL A36 STEEL MEMBERS (3/16" MIN HOST THICKNESS)

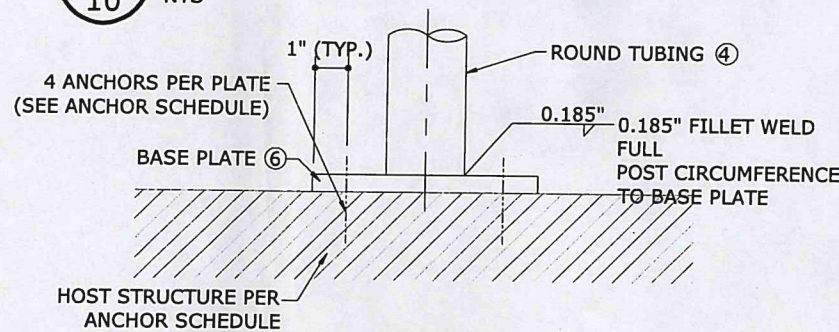


**1B**  
10 NTS  
**SUPPORT ANGLE ATTACHMENT DETAIL**

ENGINEER OF RECORD TO VERIFY THAT THE HOST STRUCTURE CAN SUPPORT THE REACTIONS SHOWN IN DESIGN SCHEDULES



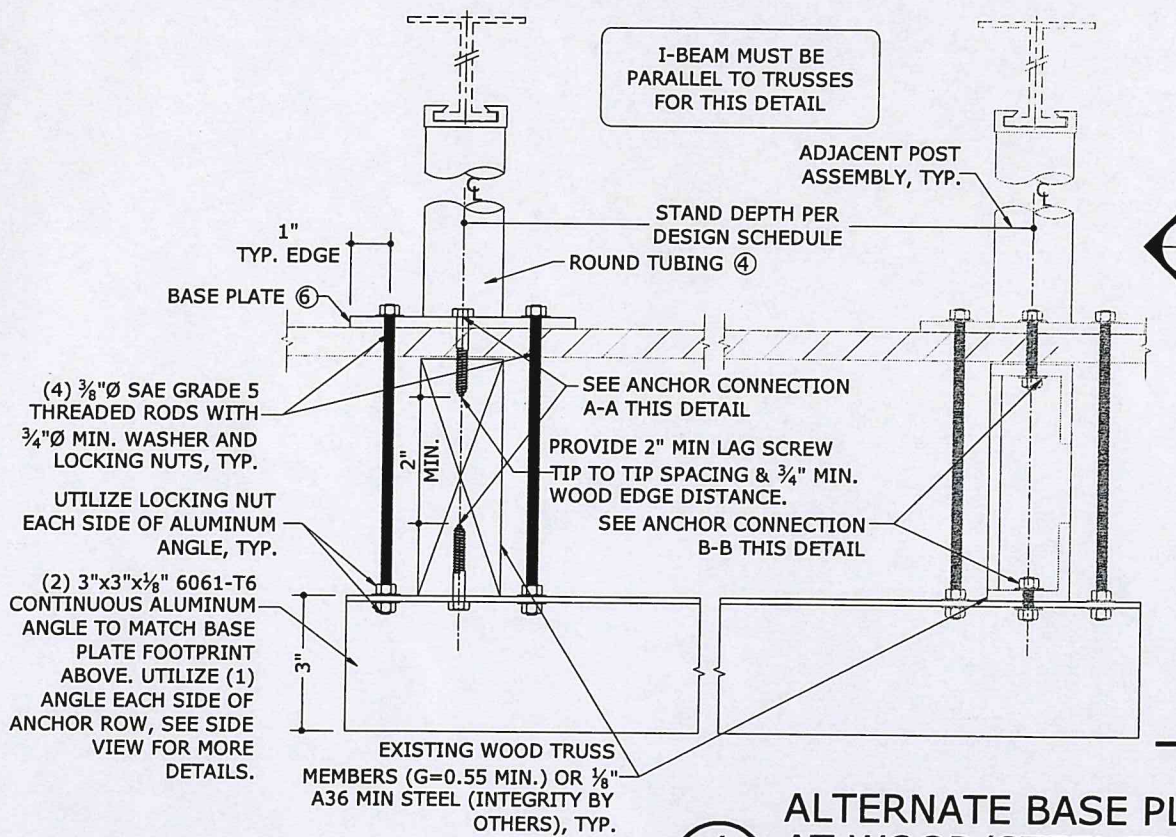
**2**  
10 NTS  
**BASE PLATE REACTIONS**



**3**  
10 NTS  
**STANDARD BASE PLATE ATTACHMENT DETAIL**

**ANCHOR NOTES:**

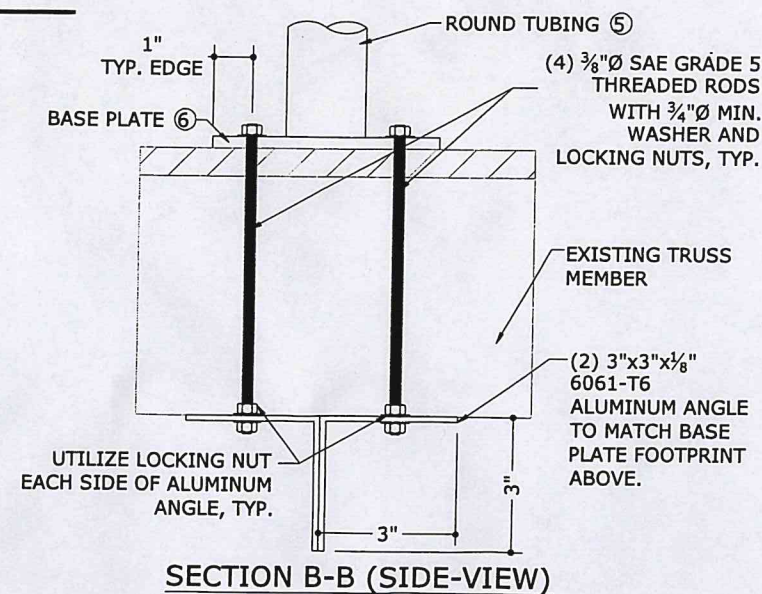
1. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.
2. ENSURE MINIMUM EDGE DISTANCE AS NOTED IN ANCHOR SCHEDULE FOR EACH ANCHOR.
3. WOOD HOST STRUCTURE SHALL BE "SOUTHERN PINE" G=0.55 OR GREATER DENSITY. ALL CONCRETE SUBSTRATE SHALL BE UN-CRACKED CONCRETE AND SHALL HAVE MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI. CONCRETE SUBSTRATE THICKNESS SHALL BE GREATER THAN OR EQUAL TO 1.5xANCHOR EMBEDMENT. INSTALL CONCRETE ANCHORS TO UN-CRACKED CONCRETE ONLY.
4. MINIMUM EMBEDMENT SHALL BE AS NOTED IN ANCHOR SCHEDULE. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES ROOFING FINISHES.
5. WHERE EXISTING STRUCTURE IS WOOD TRUSSES, EXISTING CONDITIONS MAY VARY. FIELD VERIFY THAT FASTENERS ARE INTO ADEQUATE WOOD TRUSS MEMBERS, NOT INTO PLYWOOD.



**4**  
10 NTS  
**ALTERNATE BASE PLATE ATTACHMENT AT WOOD/STEEL TRUSS MEMBERS**

**ANCHOR A-A (WOOD MEMBER)**  
ADD (4) 3/4"Ø LAG SCREW, 5/8"Ø MIN. WASHER, 3 1/2" MIN. EMBED, 3/4" MIN. EDGE DISTANCE. UTILIZE (2) TOP AND (2) BOTTOM, TYP.

**ANCHOR B-B (STEEL MEMBER)**  
ADD (4) 3/8"Ø THRU BOLT, 3/4"Ø MIN. WASHER AND LOCKING NUT. UTILIZE (2) TOP AND (2) BOTTOM, TYP.



**SECTION B-B (SIDE-VIEW)**

FRANK L. BENNARDO, P.E.  
# PE0046549

12/01/2017

VALID FOR (1) JOB(S) ONLY  
ONLY W/ ORIGINAL ENGINEER SEAL



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ALUMINUM A/C STAND  
HVHZ COMPLAINT

REMARKS	DRWN	CHKD	DATE
INIT ISSUE	KL	CL	01/10/07
REV. TELESCOPIC BOLTS	KL	CL	05/03/07
UPDATE PER 07 FBC	TSB	CL	09/30/08
UPDATE PER 10 FBC	CSL	TSB	05/10/12
REV. PER COMMENTS	CSL	TSB	08/16/12
FBC UPDATE	RVN	CSL	07/07/15
REV PER MD COMMENTS	RVN	FLB	05/07/16
REV. 2017 FBC	RVN	FLB	11/01/17

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OF 10  
**10**