

PRODUCT APPROVAL FOR ALUMINUM STANDS FOR ROOF TOP VRF/VRV EQUIPMENT

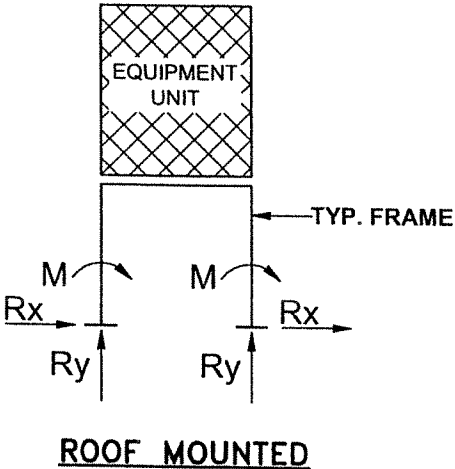
- 1- THIS EQUIPMENT UNIT STAND SYSTEM SHOWN ON THIS PRODUCT EVALUATION DOCUMENT (P.E.D) HAS BEEN VERIFIED FOR CODE COMPLIANCE IN ACCORDANCE WITH THE 2023 (8th EDITION) OF THE FLORIDA BUILDING CODE, FOR USE WITHIN THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AND OUT OF IT. DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED SEPARATELY ON A JOB-SPECIFIC BASIS IN ACCORDANCE WITH THE GOVERNING CODE USING ASD METHODOLOGY, IN ACCORDANCE WITH ASCE 7-22 AND SECTIONS 1616.1, 1620.1, 1620.6 & 1609 OF THE FLORIDA BUILDING CODE, AND SHALL BE LESS THAN OR EQUAL TO THE LATERAL AND UPLIFT DESIGN PRESSURE CAPACITY VALUES LISTED HEREIN FOR ANY ASSEMBLY AS SHOWN. (SHEET 3 THRU 7 , 10 & 11)
- 2- THE ARCHITECT/ENGINEER OF RECORD FOR THE EXISTING STRUCTURE THAT WILL SUPPORT THESE ALUMINUM STANDS SHALL BE RESPONSIBLE FOR ITS INTEGRITY AND SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND THE SUPERIMPOSED LOADS (ASD) - REF "REACTION SCHEDULE" INDICATED ON THIS SHEET, WHERE REACTION FORCES ARE LISTED FOR USE WITH EXISTING STRUCTURE. DESIGN PROFESSIONAL OF RECORD SHALL VERIFY APPLICABILITY AND/OR ADDITIONAL FACTORS FOR USE WITH EXISTING STRUCTURE VERIFICATION.
- 3- STAND SHALL BE INSTALLED WITH MINIMUM CLEAR HEIGHT AS SPECIFIED IN THE ABOVE-NOTED BUILDING CODE. "STAND HEIGHT" AS USED HEREIN IS NOT NECESSARILY EQUIVALENT TO "STAND CLEAR HEIGHT" AS SPECIFIED IN THE BLDG CODE. STANDS SHALL BE INSTALLED WITH A MINIMUM CLEAR HEIGHT IN ACCORDANCE WITH SECTIONS 1522 & 1510 TABLES 1522.3 & 1510.10 OF THE FLORIDA BUILDING CODE, APPLICABLE TO HIGH VELOCITY HURRICANE ZONE & ZONES OUT OF IT, RESPECTIVELY.
- 4- VIBRATION ISOLATOR PADS SHALL BE PROVIDED BY OTHERS BETWEEN UNITS & STAND.
- 5- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT FASTENING AS SHOWN HEREIN WILL NOT VOID THE EQUIPMENT MANUFACTURER'S WARRANTY, ESPECIALLY WHERE UNITS ARE INSTALLED WITH OVERHANG PAST RAIL (SEE TIE-DOWN DETAILS). STRUCTURAL ADEQUACY OF EQUIPMENT FOR WIND RESISTANCE IS NOT PART OF THIS APPROVAL AND MUST BE VERIFIED SEPARATELY.
- 6- 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.
- 7- MAXIMUM DIMENSIONS AND WEIGHT OF MECHANICAL UNITS SHALL CONFORM TO SPECIFICATIONS STATED HEREIN, SEE SHEETS 5 AND 7 THRU 10 FOR LIMITATIONS.
- 8- ALL ANCHORS & BOLTS SHALL BE AS SPECIFIED ON THIS DRAWING, AND SHALL COMPLY WITH SECTION 2411.3.3.4 OF THE FLORIDA BUILDING CODE.
- 9- ALL ALUMINUM EXTRUSIONS SHALL BE 6061-T6 ALLOY & TEMPER, UNLESS NOTED OTHERWISE. WELDING SHALL BE PERFORMED IN ACCORDANCE WITH AWS D 1.2 REQUIREMENTS, USING 5356 FILLER ALLOYS.
- 10- ALL EXISTING CONCRETE SUBSTRATE SHALL HAVE MINIMUM f_c COMPRESSIVE STRENGTH OF 4000 PSI AS VERIFIED BY OTHERS.
- 11- ALL ALUMINUM EXTRUSIONS IN CONTACT WITH DISSIMILAR MATERIALS SHALL COMPLY WITH SECTION III-6 OF THE 2020 ALUMINUM DESIGN MANUAL.
- 12- ENGINEER SEAL AFFIXED HERETO VALIDATE 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. EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED ON THIS DOCUMENT.
- 13- WATER-TIGHTNESS OF EXISTING HOST SUBSTRATE SHALL BE THE FULL RESPONSIBILITY OF THE INSTALLING CONTRACTOR. CONTRACTOR SHALL ENSURE THAT ANY REMOVED OR ALTERED WATERPROOFING MEMBRANE IS RESTORED AFTER FABRICATION AND INSTALLATION OF STRUCTURE PROPOSED HEREIN. THIS ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY WATERPROOFING OR LEAKAGE ISSUES WHICH MAY OCCUR AS WATER-TIGHTNESS SHALL BE THE FULL RESPONSIBILITY OF THE INSTALLING CONTRACTOR.

THIS DRAWING SHALL ONLY BE USED TO
OBTAIN PERMITS IN THE STATE OF FLORIDA

- 14- (a) THIS P.E.D. (PRODUCT EVALUATION DOCUMENT) PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; I.e. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.E.D.
- (b) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT, BASED ON THIS P.E.D., PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.
- (c) THIS P.E.D. WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
- (d) SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D.
- (e) ORIGINAL P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.
- 15- PRODUCT MANUFACTURER'S LABEL SHALL BE PLACED ON AN EXPOSED SURFACE OF STAND, INCLUDING MANUFACTURER'S NAME, CITY WHERE LOCATED AND THE FLORIDA PRODUCT APPROVAL NUMBER.

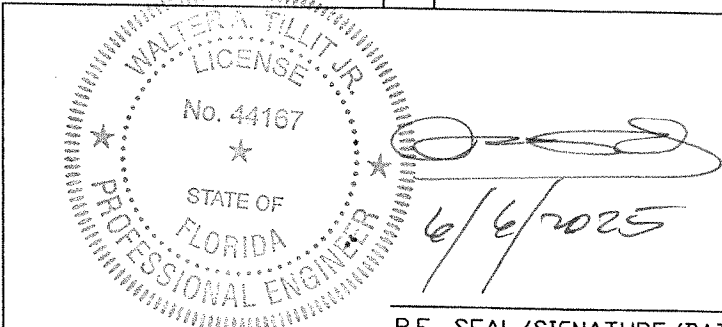
MAX. REACTION SCHEDULES: SEE NOTE 2/1

REACTION AT BASE Rx	REACTION AT BASE Ry	MOMENT (M)
582 Lbs	UPLIFT: 2257 Lbs DOWNWARD: 1989 Lbs	0.77 K-ft



INSTRUCTIONS:

- STEP 1: DETERMINE REQUIRED DESIGN WIND LOAD PER GENERAL NOTE 1, BASED ON BUILDING INFO.
- STEP 2: FOR EQUIPMENT FOR WHICH STAND IS BEING DESIGNED GO THRU CASES I THRU VI.2 TO LOOK FOR THE CLOSEST EQUIPMENT TYPE & STAND SIZE THAT WILL MATCH JOB CONDITIONS.
- STEP 3: VERIFY THAT REQUIRED WIND PRESSURE DETERMINED PER STEP 1 DOES NOT EXCEED THE MAX. PRESSURE RATING INDICATED ON THE CORRESPONDING CASE. STAND'S DESIGN WILL THEN BE THE INDICATED ONE.
- STEP 4: IN CASE REQUIRED WIND PRESSURE OR REQUIRED STAND HEIGHT EXCEEDS MAX. PRESSURE RATING FOR THE GIVEN CASE, A SITE SPECIFIC WILL BE REQUIRED FOR THE SPECIFIC EQUIPMENT AND STAND HEIGHT.
- STEP 5: REQUIRED TIE DOWN SHALL BE BASED ON CASES I THRU VI.2. SEE ADDITIONAL NOTES ON TIE DOWN BOLT LOCATIONS SHOWN ON SHEET 9 FOR CASES I THRU V.



P.E. SEAL/SIGNATURE/DATE

FLORIDA BUILDING CODE (High and Non High Velocity Hurricane Zone)

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ALUMINUM STANDS FO ROOF TOP
EQUIPMENTS (VRF'S & MINI-SPLITS)

F&L ALUMINUM PARTS, INC.
2087 N. POWERLINE RD. SUITE #1
POMPAHO BEACH, FL. 33069

TILLIT TESTING & ENGINEERING COMPANY
6555 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL. 33166
Phone : (305)871-1530 . Fax : (305)871-1531
e-mail: titlenco@aol.com

WALTER A. TILLIT JR. P.E.
FLORIDA Lic. # 44167

DRAWN BY:
W.H

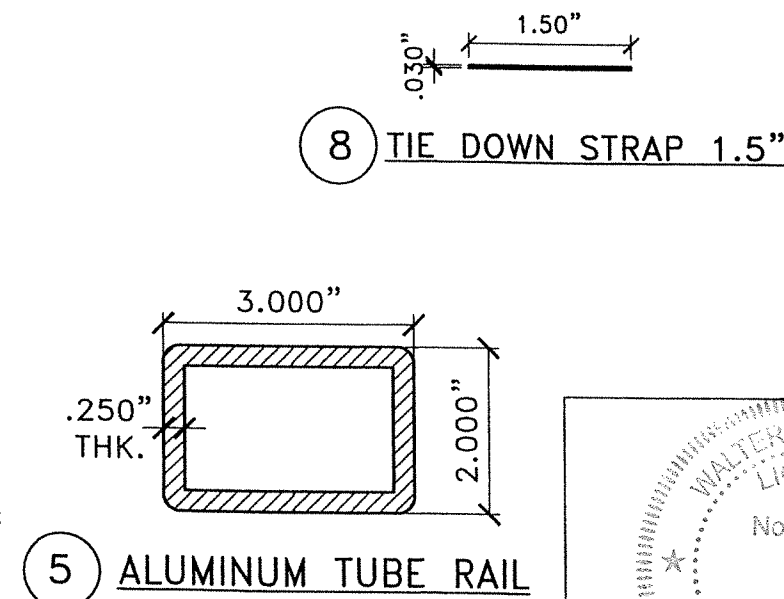
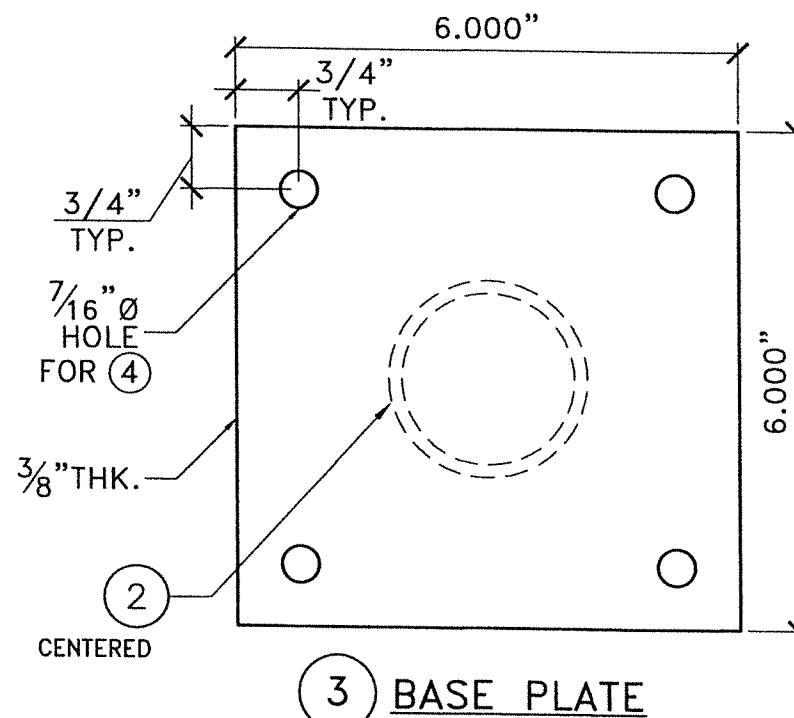
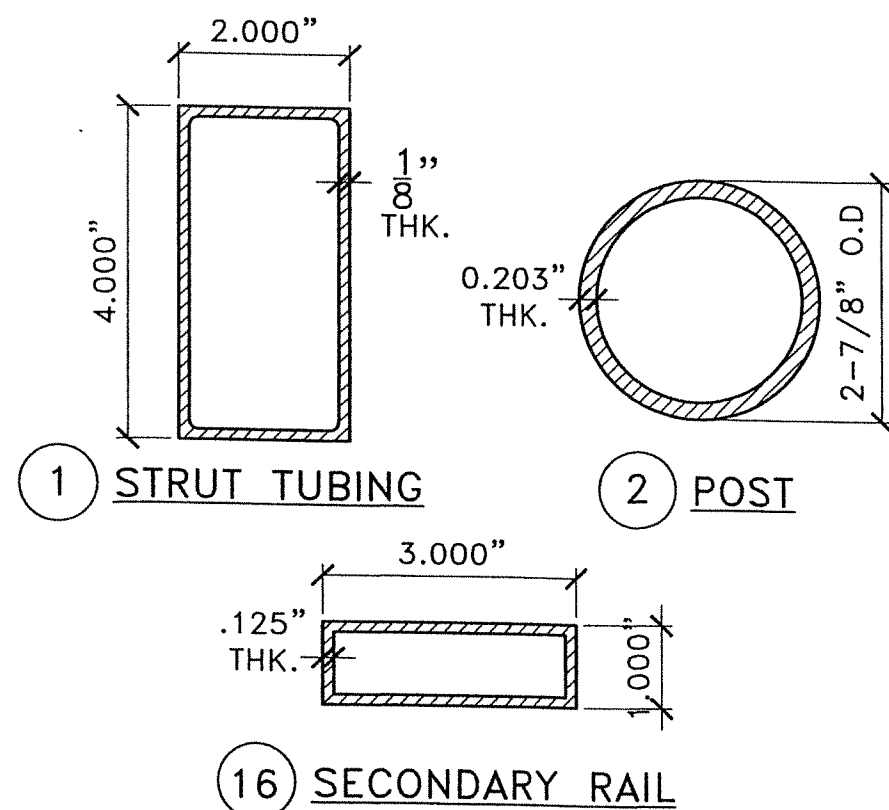
DATE
05/23/2025

DRAWING No
25-034

SHEET 1 OF 12

BILL OF MATERIALS: CASES I THRU VI

COMPONENT No.	DESCRIPTION	DIMENSIONS	MATERIAL	MANUFACTURER	NOTES
①	STRUT TUBING	2" X 4" X 1/8" THK.	6063-T5 ALLOY	F&L Aluminum parts.	WIND BRACING COMPONENT WELDED TO ②. CASES I THRU VI
②	POST	2 7/8" O.D X 0.203" THK.	6061-T6 ALLOY	F&L Aluminum parts.	WELDED TO ⑤ AT TOP & TO ③ AT BOTTOM. CASES I THRU VI
③	BASE PLATE	6" X 6" X 3/8" THK.	6061-T6 ALLOY	F&L Aluminum parts.	WELDED TO ② & ANCHORED TO EXISTING SLAB. CASES I THRU VI
④	ANCHOR FOR ③	3/8"Ø SCREW BOLT	GALVANIZED STEEL	DEWALT	W/3¼"MIN. EMBEDMENT & 6"MIN. ED. CASES I THRU VI
⑤	ALUMINUM TUBE RAIL	3" X 2" X 1/4" THK.	6061-T6 ALLOY	F&L Aluminum parts.	WELDED TO ② AT BOTTOM. CASES I THRU VI
⑥	THRU BOLT	1/2"Ø-13 X 4"	ASTM A-307 GALV. STL	F&L Aluminum parts.	TIEDOWN CONNECTION TO ⑤ CASES I THRU V
⑦	THRU BOLT	3/8"Ø-16	ASTM A-307 GALV. STL	F&L Aluminum parts.	FOR ⑧ CONNECTIONS. SEE DETAILS. CASES VI.1 & VI.2
⑧	TIE DOWN STRAP 1.5"	1.50" X 0.030"	ASTM A-653 GRADE 33, G-90 GALV. STEEL	VARIES	CONNECT W/(1)⑦. SEE DETAILS. CASES VI.1 & VI.2
⑩	VRF/VRV-1 (CASE I)	37"(W)MAX. x 30"(D)MAX. x 67"(H)MAX.	0.035"MIN. Fu=58Ksi STEEL	VARIES	WEIGHT: 430 Lbs. MAX.
⑪	VRF/VRV-2 (CASE II)	51"(W)MAX. x 31"(D)MAX. x 67"(H)MAX.	0.035"MIN. Fu=58Ksi STEEL	VARIES	WEIGHT: 553 Lbs. MAX.
⑫	VRF/VRV-3 (CASE III)	69"(W)MAX. x 31"(D)MAX. x 66"(H)MAX.	0.035"MIN. Fu=58Ksi STEEL	VARIES	WEIGHT: 904 Lbs. MAX.
⑬	VRF/VRV-4 (CASE IV)	39"(W)MAX. x 31"(D)MAX. x 73"(H)MAX.	0.035"MIN. Fu=58Ksi STEEL	VARIES	WEIGHT: 574 Lbs. MAX.
⑭	VRF/VRV-5 (CASE V)	69"(W)MAX. x 30"(D)MAX. x 72"(H)MAX.	0.035"MIN. Fu=58Ksi STEEL	VARIES	WEIGHT: 757 Lbs. MAX.
⑮	VRF/VRV-6 (CASE VI.1 & VI.2)	40"(W)MAX. x 17"(D)MAX. x 61"(H)MAX.	0.035"MIN. Fu=58Ksi STEEL	VARIES	WEIGHT: 311 Lbs. MAX.
⑯	SECONDARY RAIL	3" X 1" X 1/8" THK.	6063-T5 ALLOY	F&L Aluminum parts.	USE ONLY AT CASE VI.2.



COMPONENTS: CASES I THRU V

SCALE: N.T.S

FLORIDA BUILDING CODE (High and Non High Velocity Hurricane Zone)

**ALUMINUM STANDS FO ROOF TOP
EQUIPMENTS (VRF'S & MINI-SPLITS)**

DRAWN BY:
W.H

F&L ALUMINUM PARTS, INC.

25-034
DRAWING No

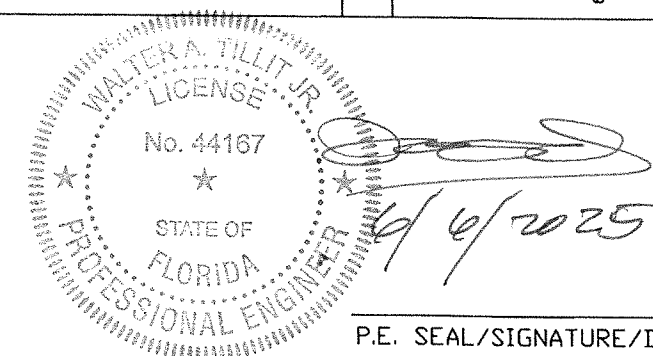
SHEET 2 OF 12

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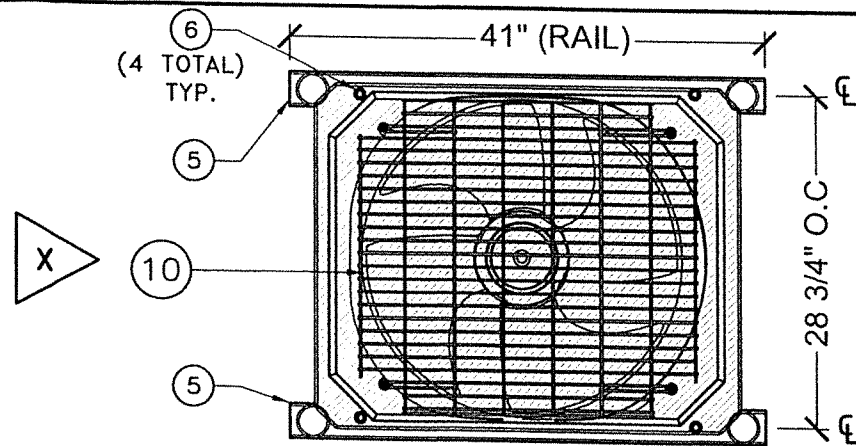
TELECO INC.

TILLIT TESTING & ENGINEERING COMPANY
3355 N.W. 36th, St., Ste. 305, VIRGINIA GARDENS, FL. 33166
Phone : (305)871-1530 . Fax : (305)871-1531

CA-0006719
WALTER A. TILLIT Jr. P.E.

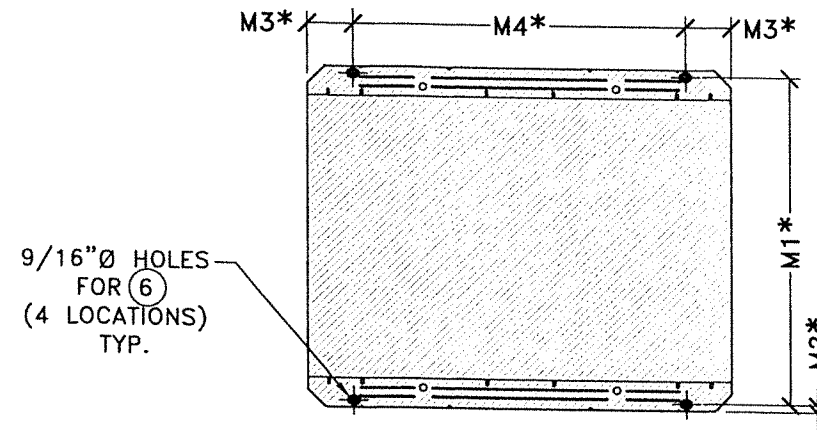


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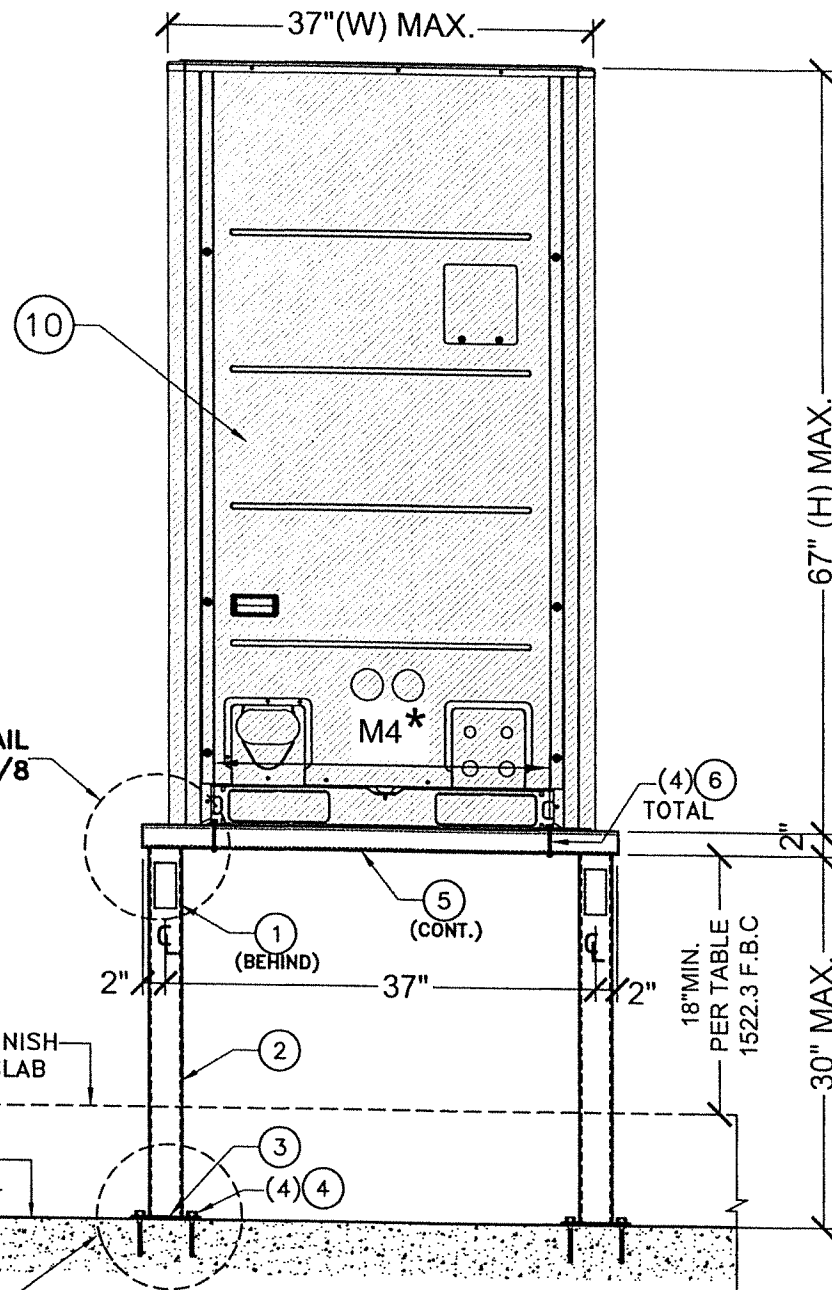
TYP. PLAN VIEW VRF STAND

SCALE: N.T.S



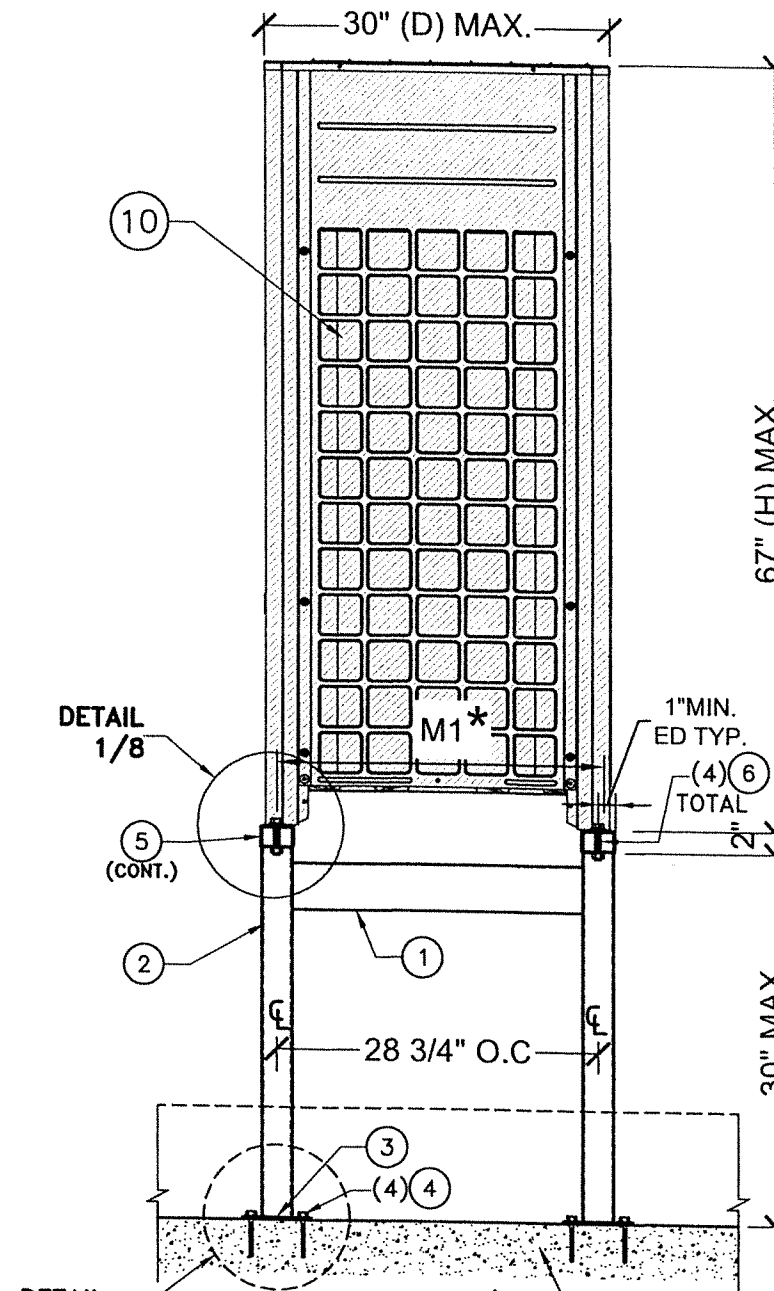
BOTTOM MOUNTING HOLES

SCALE: N.T.S



TYP. ELEVATION VRF/VRV-1

SCALE: N.T.S



VIEW X

SCALE: N.T.S

MAXIMUM ASD. PRESSURE RATING	LATERAL	UPLIFT
	113.2 psf	89.4 psf

*NOTE: SEE SCHEDULE ON SHEET 9 FOR M1, M2, M3 & M4 VALUES COVERED BY THIS APPROVAL.

CASE I

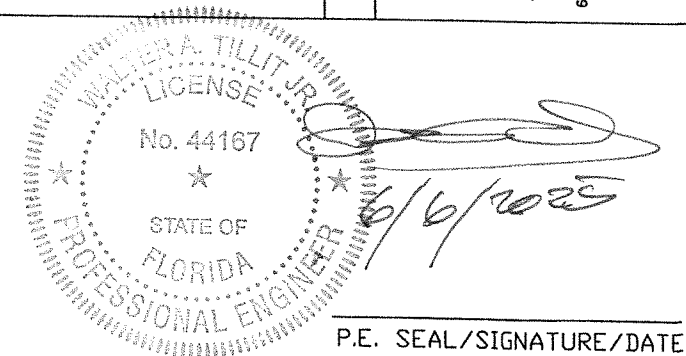
FLORIDA BUILDING CODE (High and Non High Velocity Hurricane Zone)

ALUMINUM STANDS FO ROOF TOP EQUIPMENTS (VRF'S & MINI-SPLITS)

F&L ALUMINUM PARTS, INC.
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POMPANO BEACH, FL. 33069

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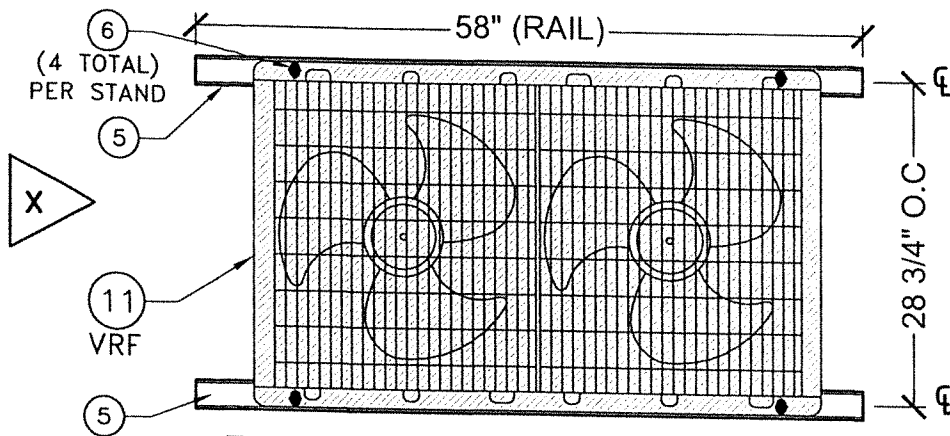
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05/23/2025 DATE

25-034 DRAWING No

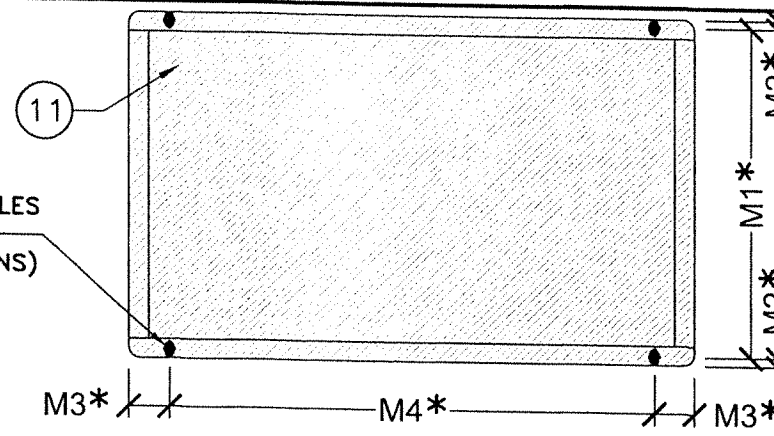
SHEET 3 OF 12



TYP. PLAN VIEW VRF STAND

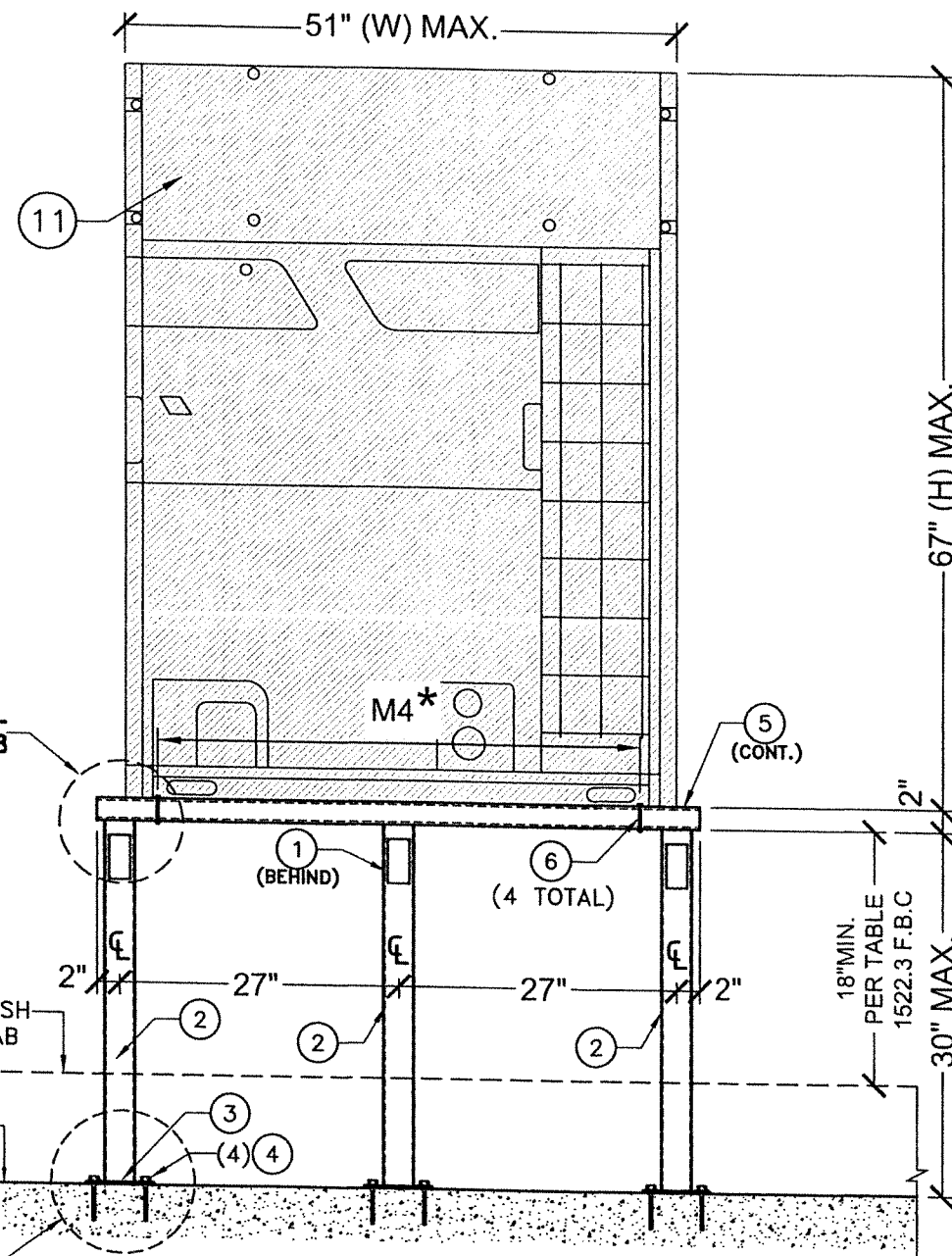
SCALE: N.T.S

9/16"Ø HOLES
FOR (6)
(4 LOCATIONS)
TYP.



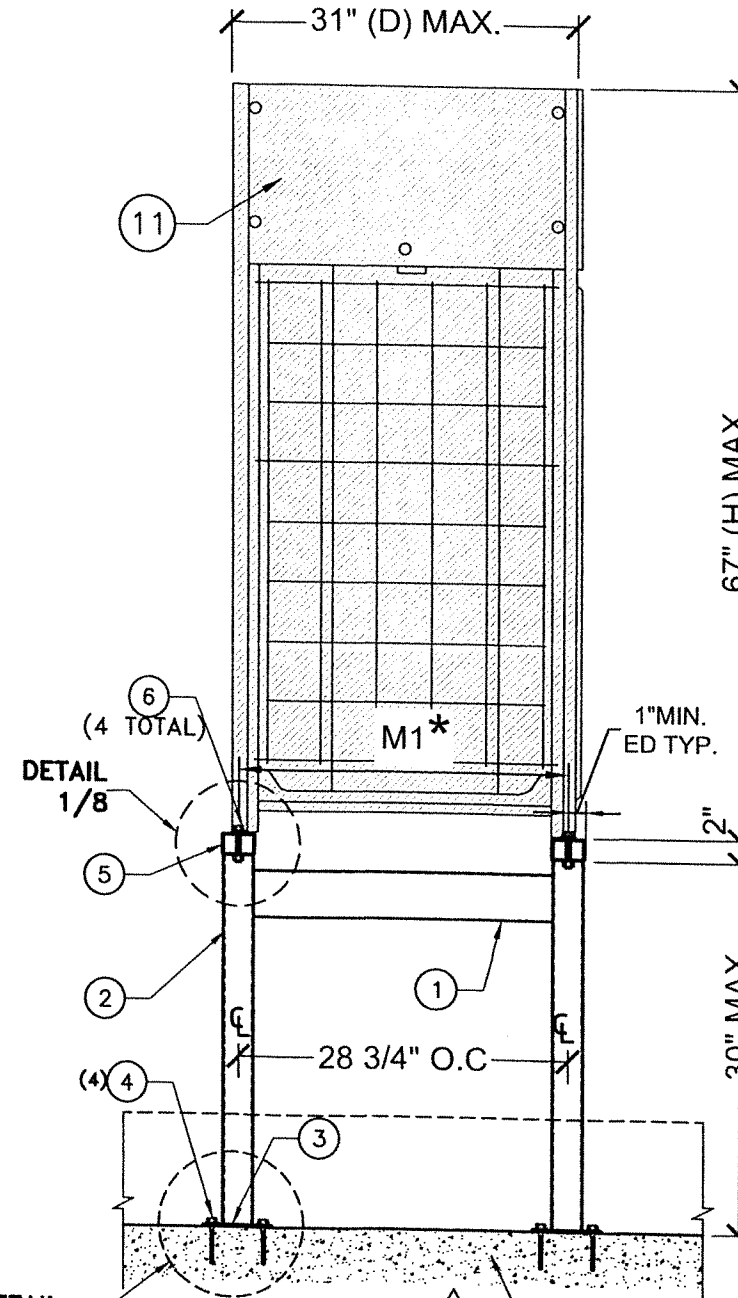
BOTTOM MOUNTING HOLES

SCALE: N.T.S



TYP. ELEVATION VRF-2 (11)

SCALE: N.T.S



VIEW X

SCALE: N.T.S

6"THK. MIN. &
f_c'=4Ksi MIN. REQ'D.
EXISTING CONCRETE SLAB

CASE II

MAXIMUM ASD. PRESSURE RATING	LATERAL	UPLIFT
	106.4 psf	84.0 psf

***NOTE:** SEE SCHEDULE ON SHEET 9 FOR M1, M2, M3 & M4 VALUES COVERED BY THIS APPROVAL.

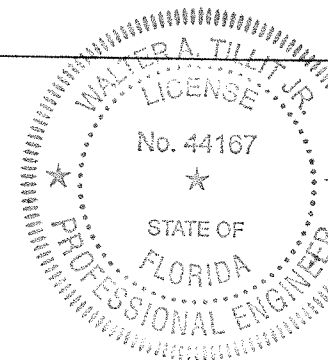
FLORIDA BUILDING CODE (High and Non High Velocity Hurricane Zone)

ALUMINUM STANDS FO ROOF TOP EQUIPMENTS (VRF'S & MINI-SPLITS)

F&L ALUMINUM PARTS, INC.
2087 N. POWERLINE RD. SUITE #1
POMPANO BEACH, FL. 33069

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WALTER A. TILLIT JR., P.E.
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6/6/2025

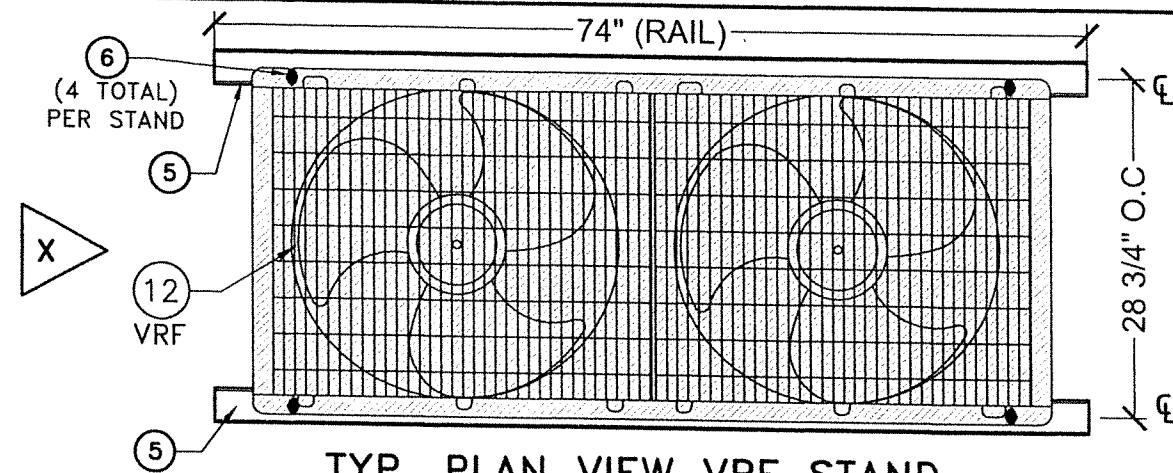
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W.H

05/23/2025
DATE

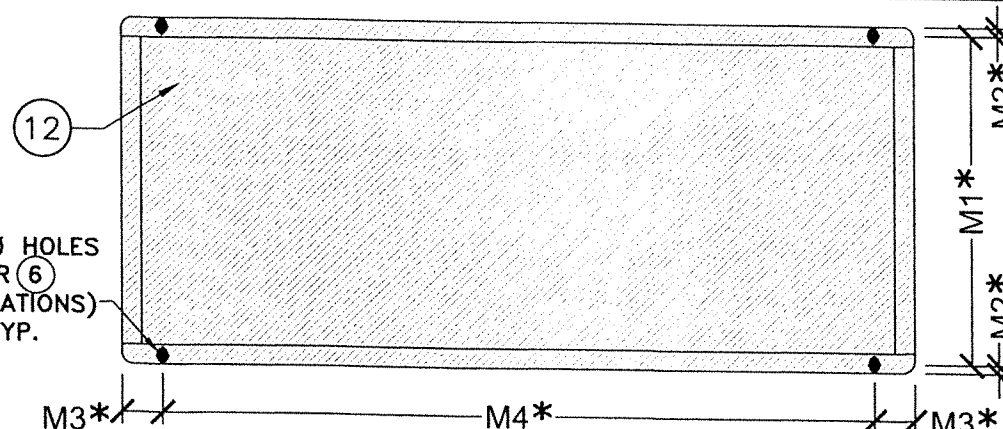
25-034
DRAWING No

SHEET 4 OF 12

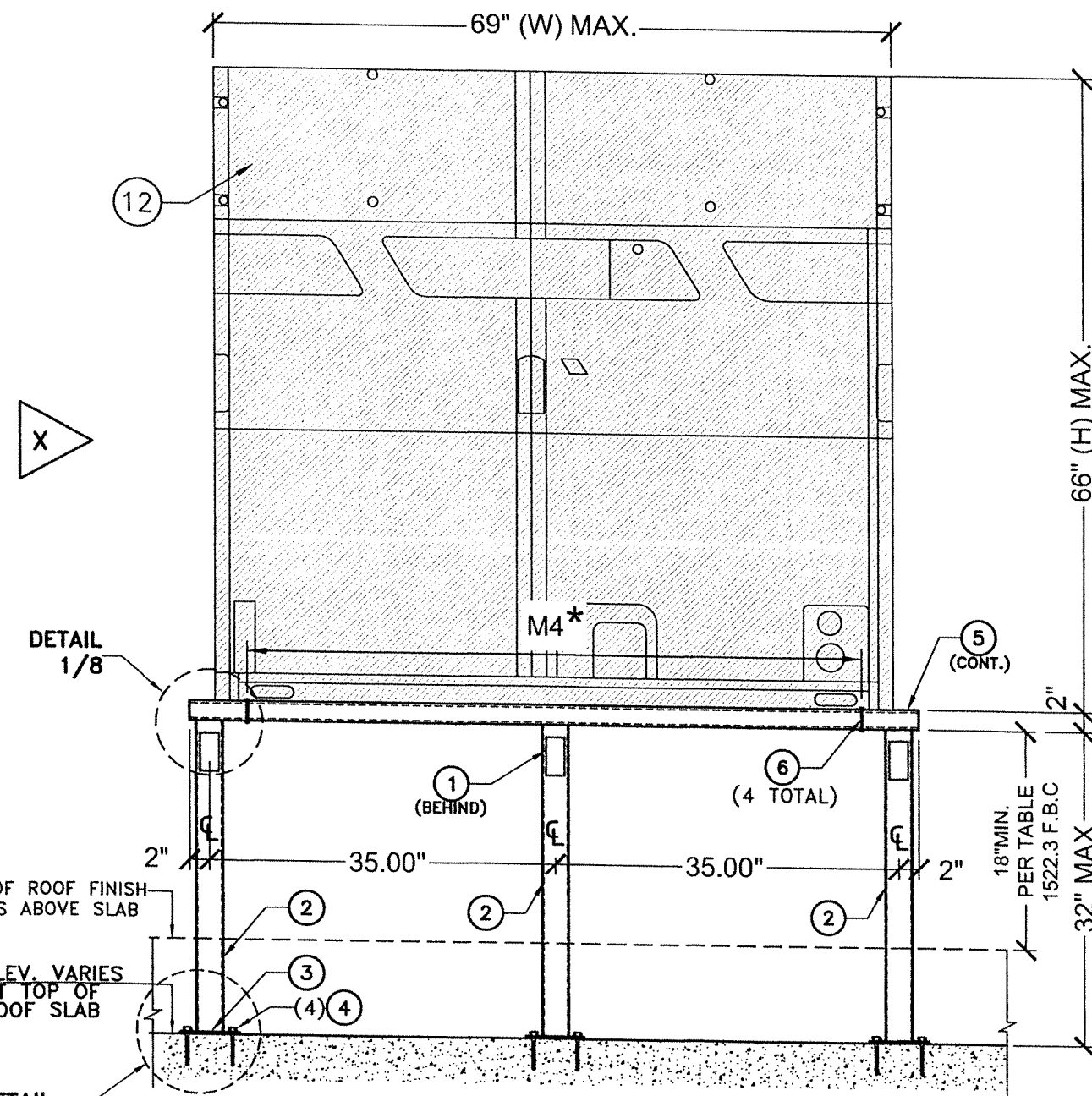


TYP. PLAN VIEW VRF STAND
SCALE: N.T.S.

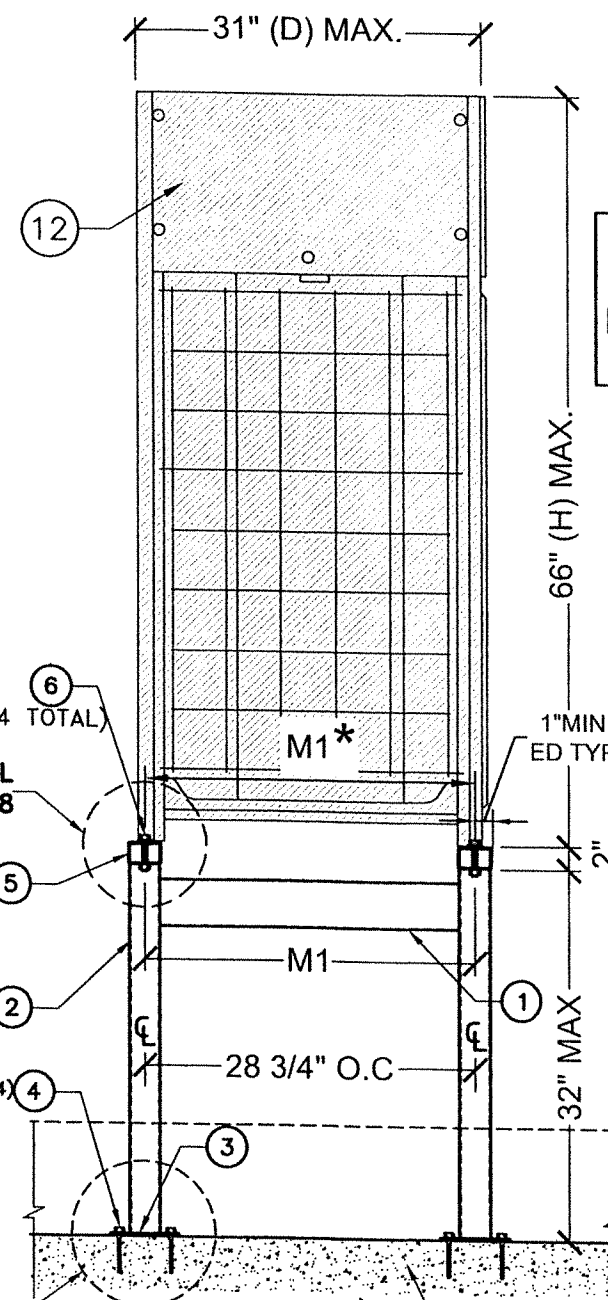
9/16"Ø HOLES
FOR (6)
(4 LOCATIONS)
TYP.



BOTTOM MOUNTING HOLES
SCALE: N.T.S.



TYP. ELEVATION VRF-3 (12)
SCALE: N.T.S.



VIEW X
SCALE: N.T.S.

CASE III

MAXIMUM ASD. PRESSURE RATING	LATERAL	UPLIFT
	111.7 psf	88.2 psf

***NOTE:** SEE SCHEDULE ON SHEET 9 FOR M1, M2, M3 & M4 VALUES COVERED BY THIS APPROVAL.

FLORIDA BUILDING CODE (High and Non High Velocity Hurricane Zone)

ALUMINUM STANDS FO ROOF TOP EQUIPMENTS (VRF'S & MINI-SPLITS)	DRAWN BY: W.H	05/23/2025 DATE	25-034 DRAWING No	SHEET 5 OF 12
	F&L ALUMINUM PARTS, INC. 2087 N. POWERLINE RD. SUITE #1 POMPANO BEACH, FL. 33069			

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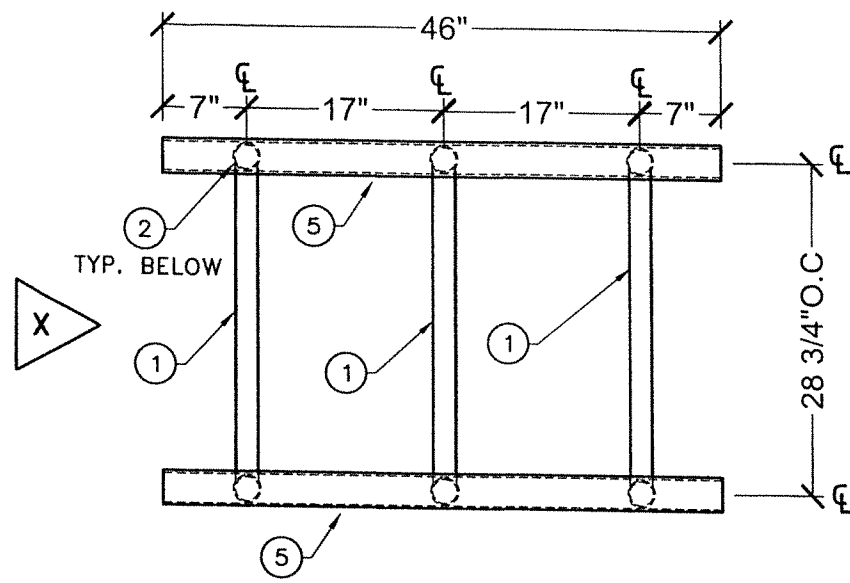
TILTECO INC.

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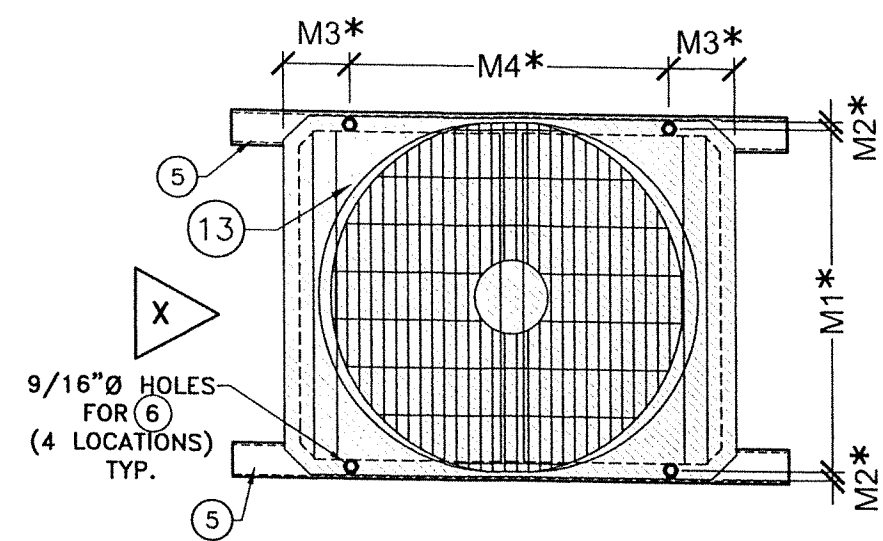
WALTER A. TILLIT JR.
LICENSE
No. 44167
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

6/6/2025

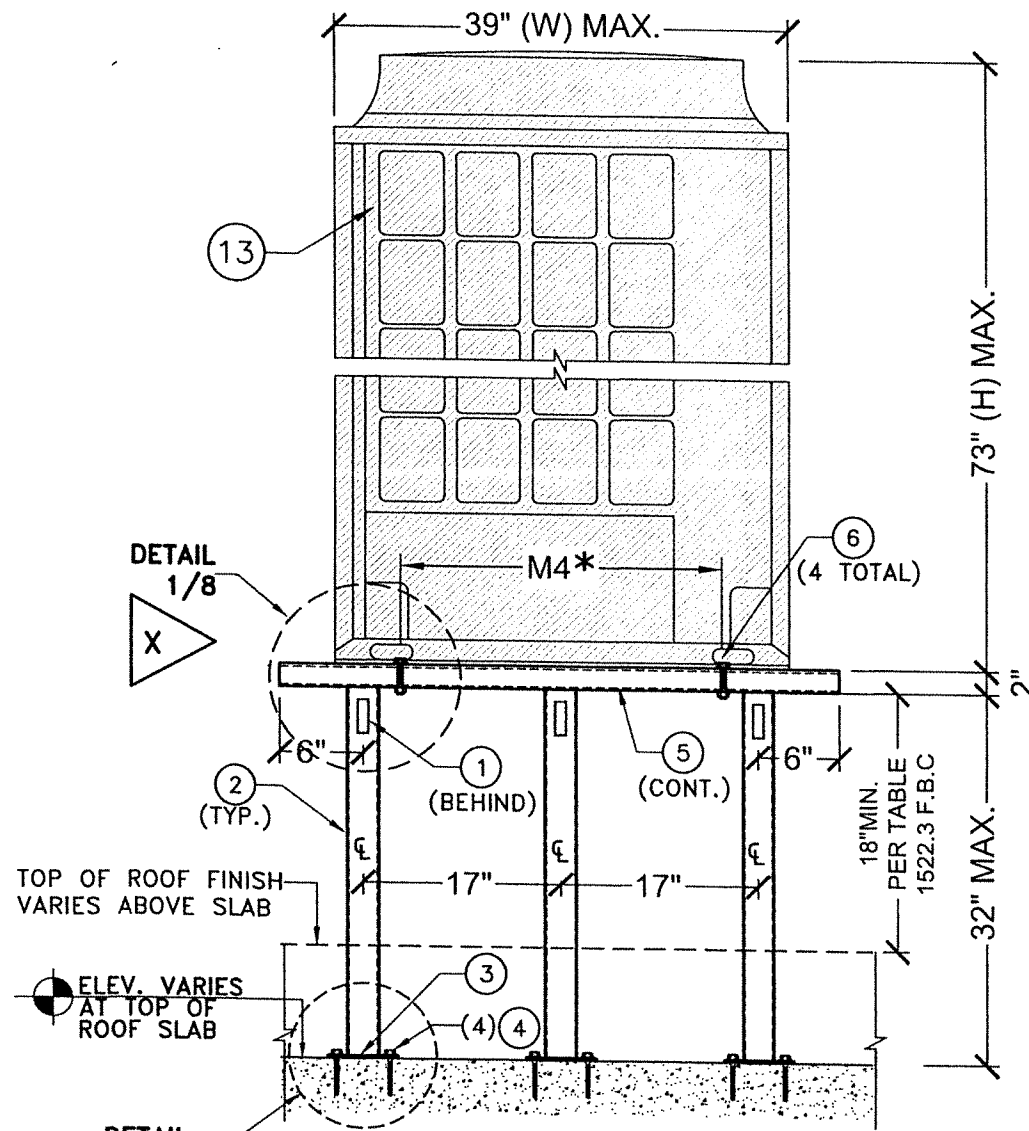
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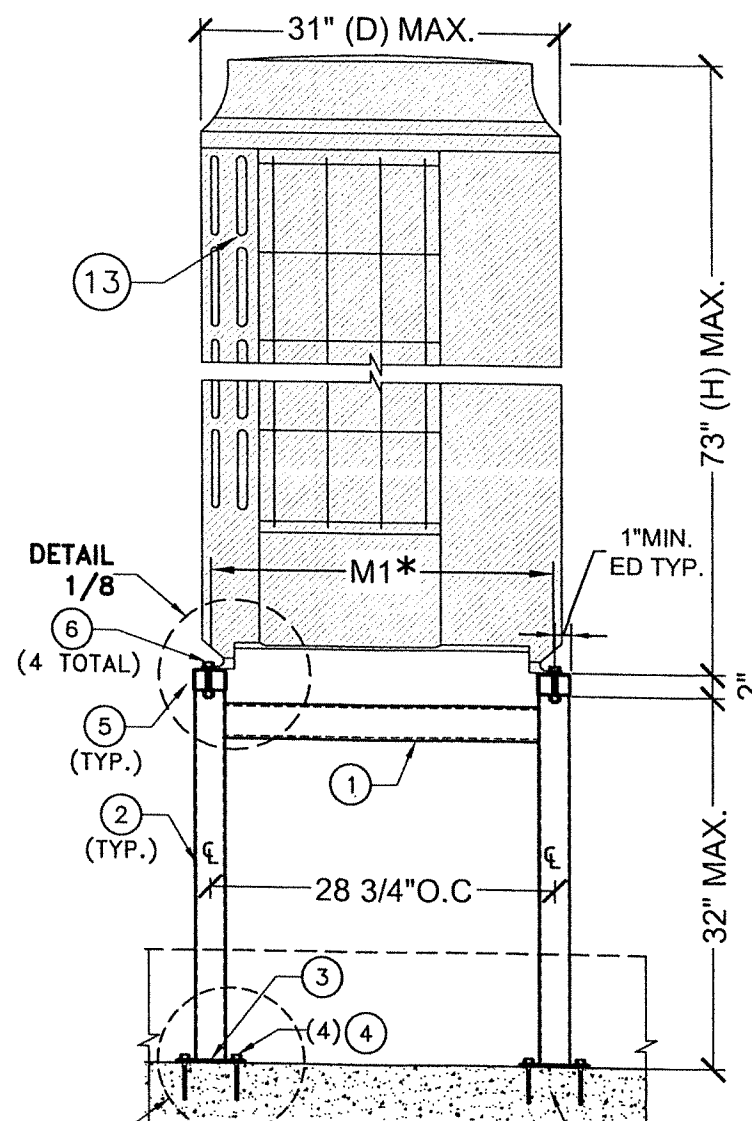
TYP. PLAN VIEW VRF STAND
SCALE: N.T.S



BOTTOM MOUNTING HOLES
SCALE: N.T.S



TYP. ELEVATION VRF-4 (13)
SCALE: N.T.S



VIEW X
SCALE: N.T.S

CASE IV

MAXIMUM ASD. PRESSURE RATING	LATERAL	UPLIFT
	88.3 psf	69.8 psf

***NOTE:** SEE SCHEDULE ON SHEET 9 FOR M1, M2, M3 & M4 VALUES COVERED BY THIS APPROVAL.

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TILTECO inc.

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ALUMINUM STANDS FO ROOF TOP EQUIPMENTS (VRF'S & MINI-SPLITS)

F&L ALUMINUM PARTS, INC.
2087 N. POWERLINE RD. SUITE #1
POMPANO BEACH, FL. 33069

DRAWN BY: W.H

DATE: 05/23/2025

DRAWING No: **25-034**

DATE: -

DESCRIPTION: -

REV. No: -

DATE: -

SHEET 6 OF 12

WALTER A. TILLIT JR.

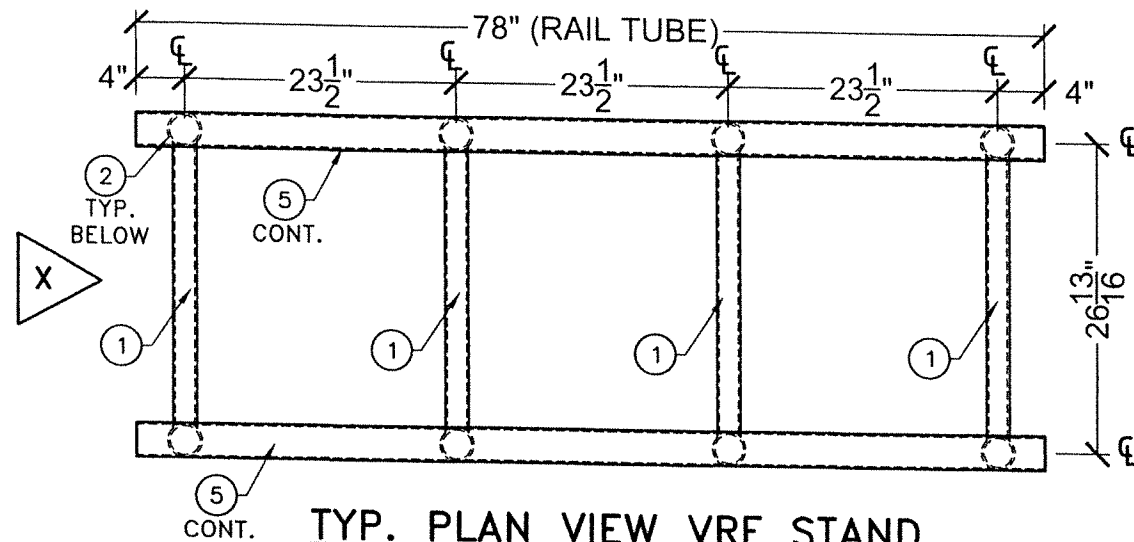
LICENSE No. 44167

STATE OF FLORIDA

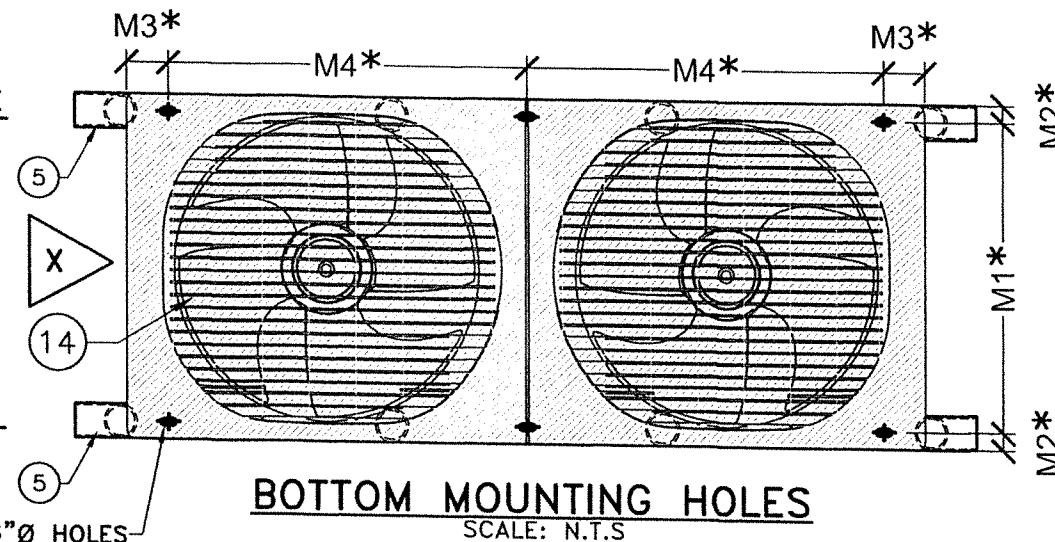
PROFESSIONAL ENGINEER

6/6/2025

P.E. SEAL/SIGNATURE/DATE

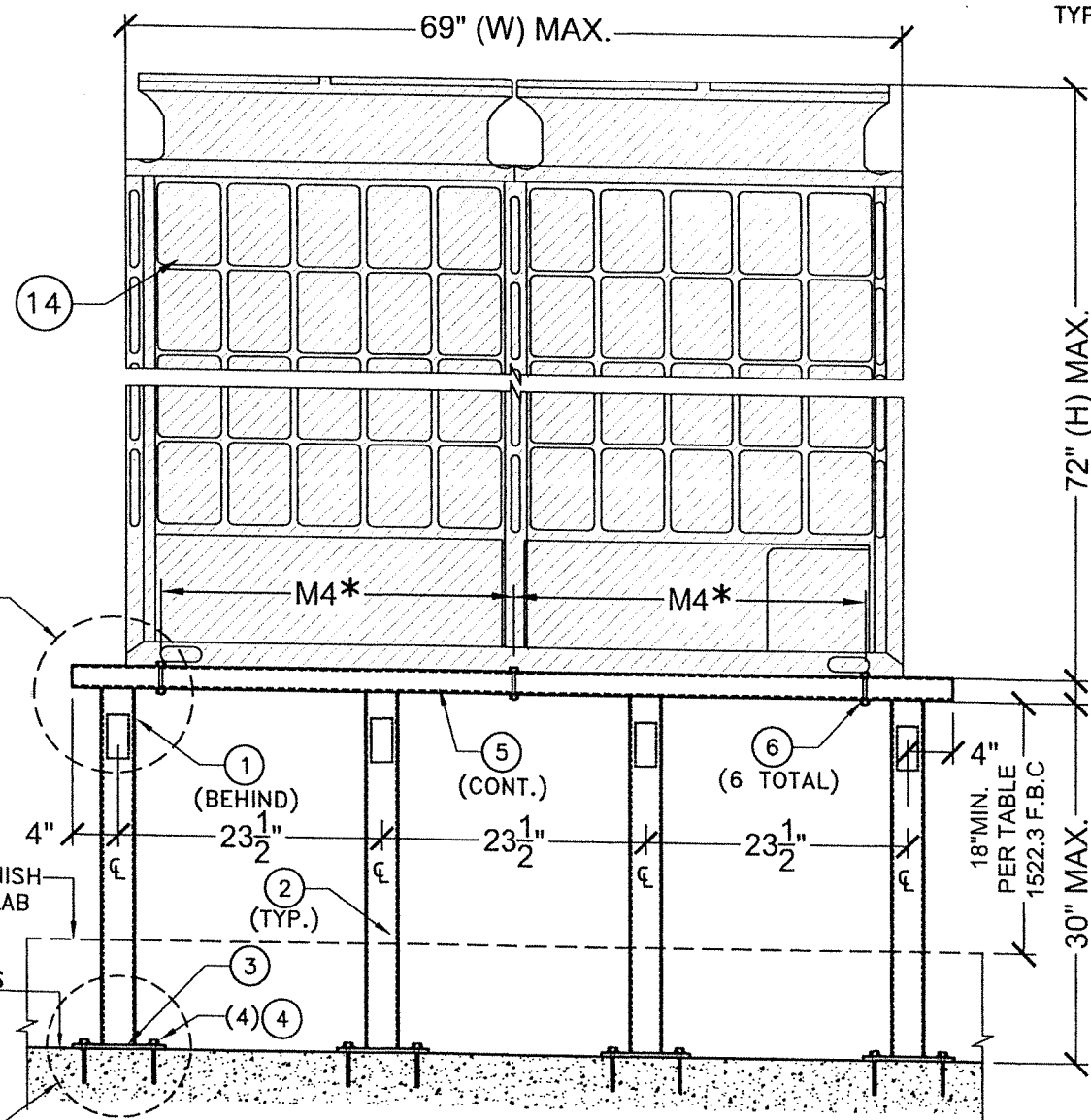


TYP. PLAN VIEW VRF STAND
SCALE: N.T.S.

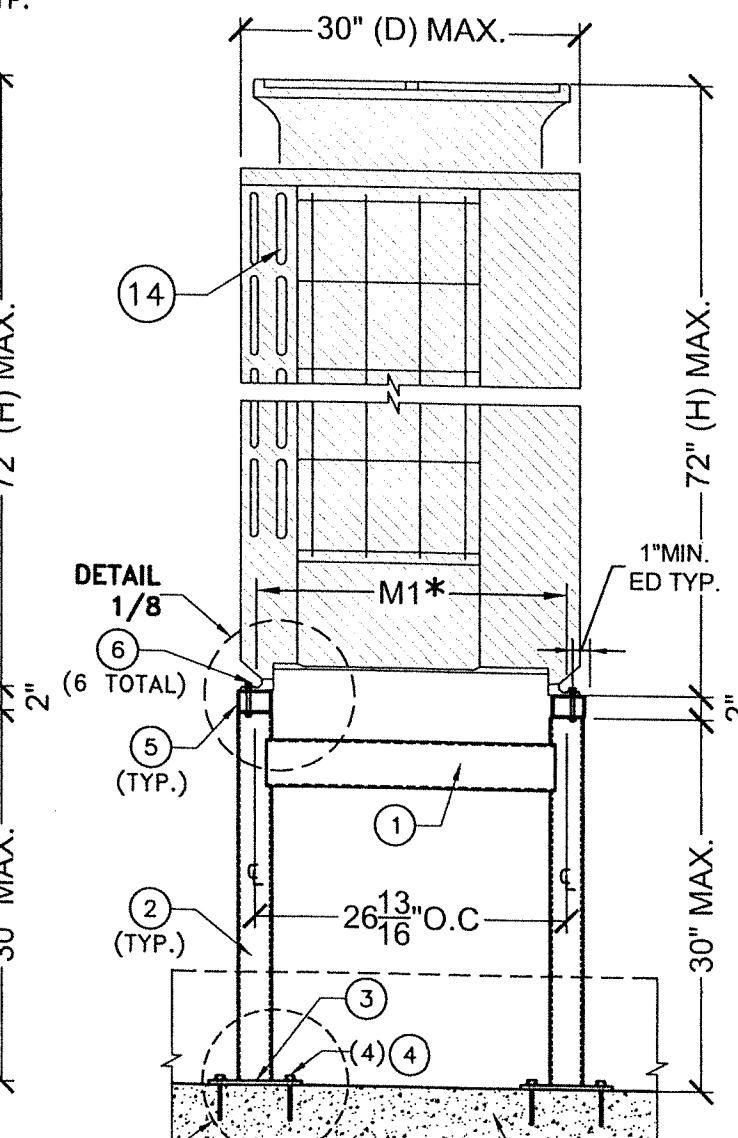


BOTTOM MOUNTING HOLES
SCALE: N.T.S.

9/16"Ø HOLES
FOR (6)
(6 LOCATIONS)
TYP.



TYP. ELEVATION VRF-5 (14)
SCALE: N.T.S.



VIEW X
SCALE: N.T.S.

CASE V		
MAXIMUM ASD. PRESSURE RATING	LATERAL	UPLIFT
	74.5 psf	58.8 psf

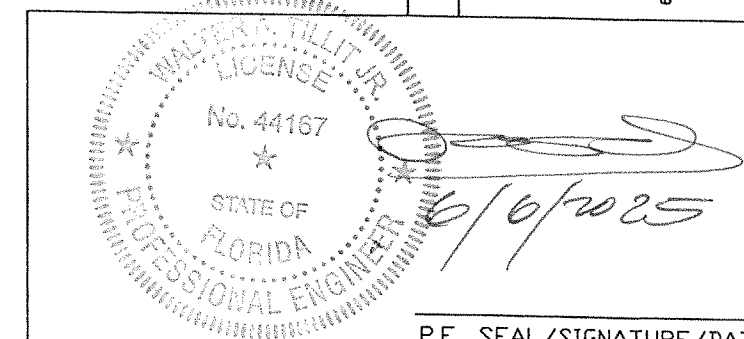
***NOTE:** SEE SCHEDULE ON SHEET 9 FOR M1, M2, M3 & M4 VALUES COVERED BY THIS APPROVAL.

TOP OF ROOF FINISH
VARIES ABOVE SLAB

ELEV. VARIES
AT TOP OF
ROOF SLAB

DETAIL
2/8

DETAIL
2/8



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CA-0006719
WALTER A. TILLIT JR., P.E.
FLORIDA Lic. # 44167

ALUMINUM STANDS FO ROOF TOP
EQUIPMENTS (VRF'S & MINI-SPLITS)

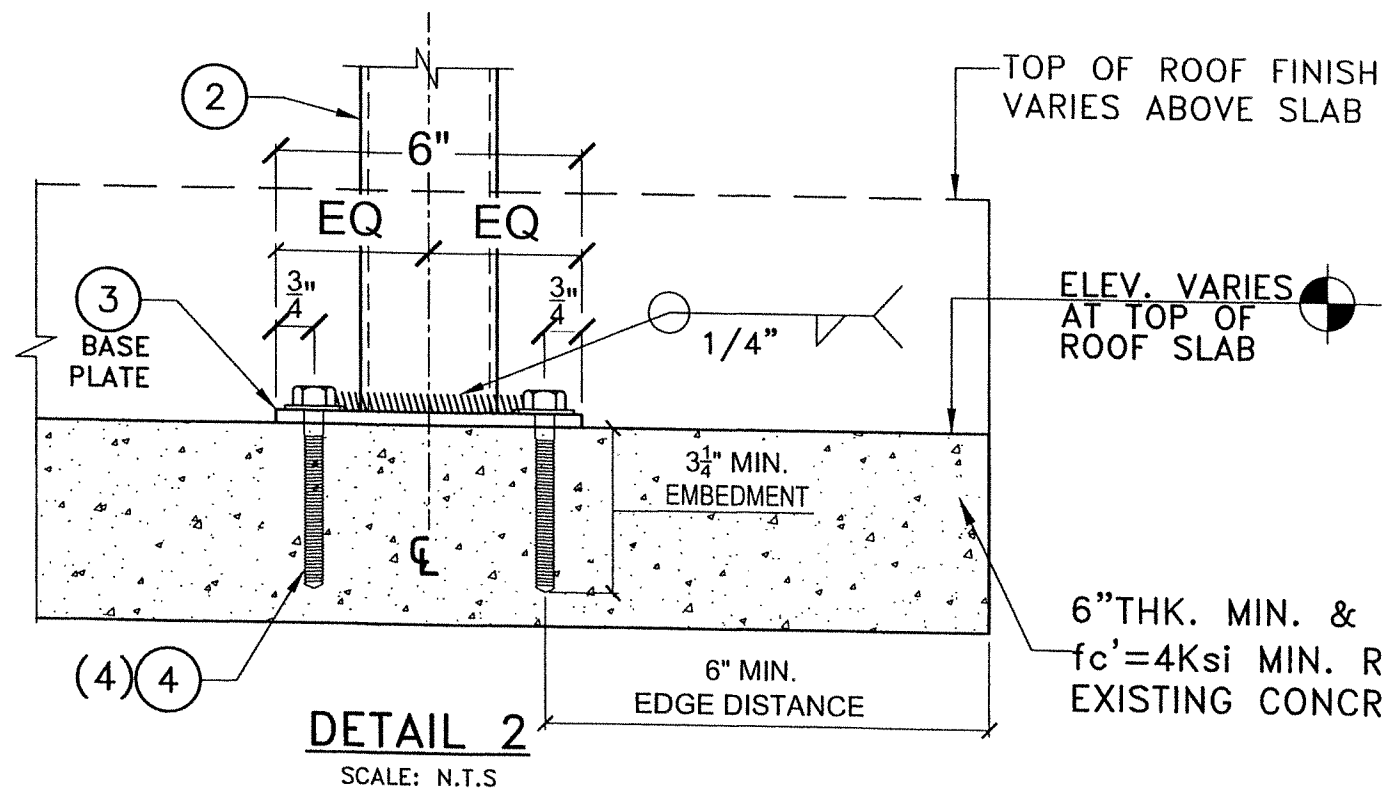
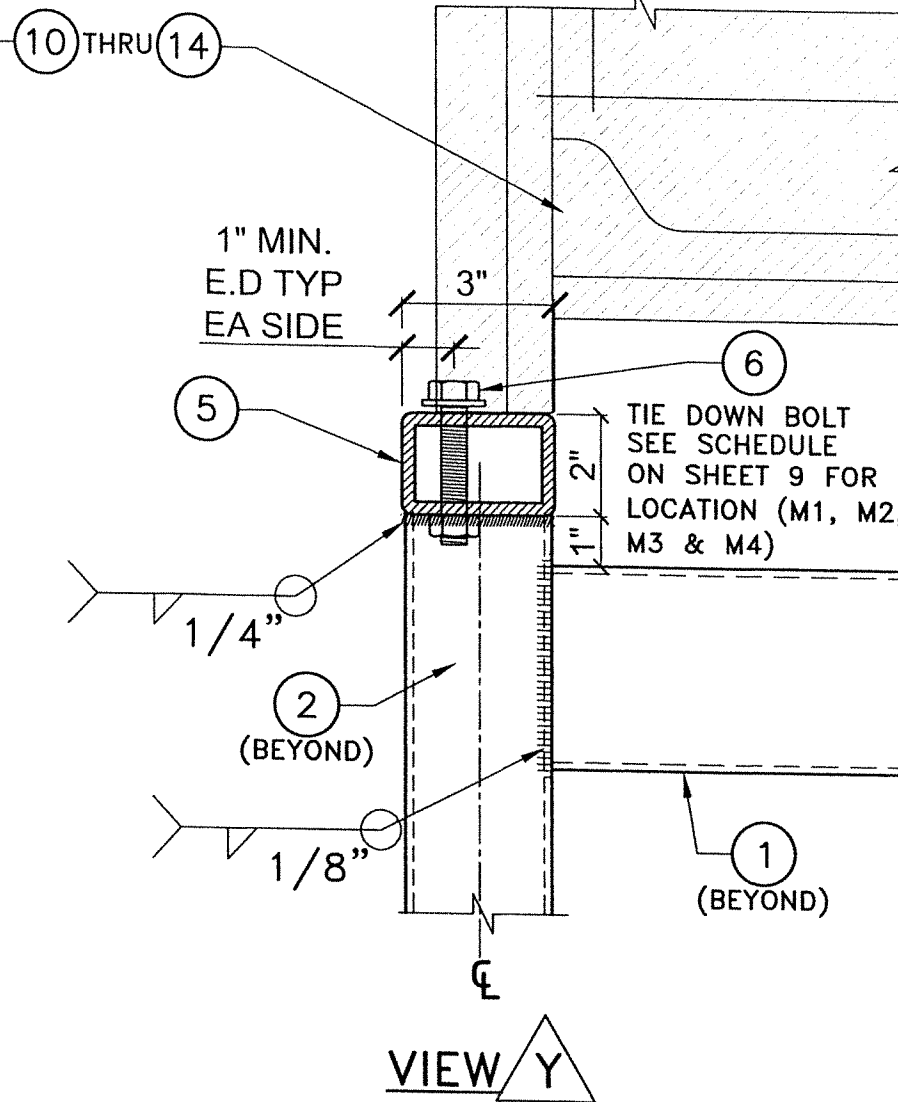
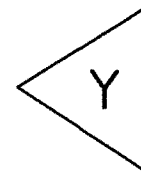
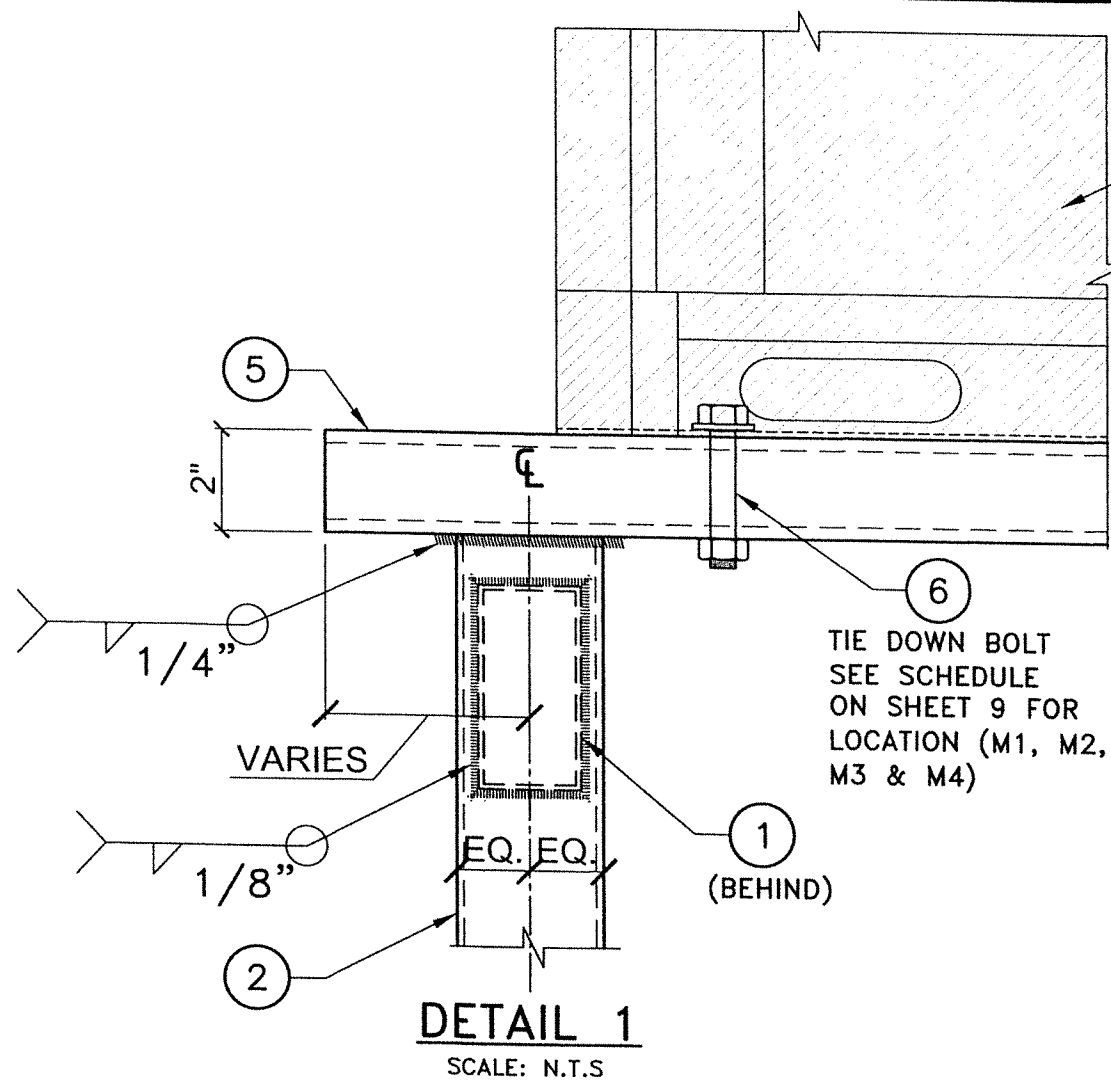
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DATE

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SHEET 7 OF 12



TOP OF ROOF FINISH
VARIES ABOVE SLAB

ELEV. VARIES
AT TOP OF
ROOF SLAB

6" THK. MIN. &
 $f_c' = 4 \text{ Ksi}$ MIN. REQ'D.
EXISTING CONCRETE SLAB

CASES I THRU V

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EQUIPMENTS (VRF'S & MINI-SPLITS)

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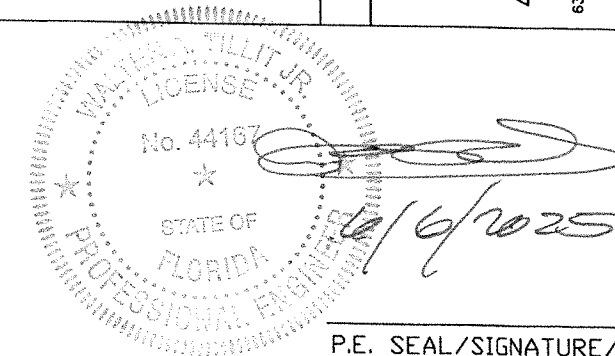
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SHEET 8 OF 12

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TYPICAL TIE DOWN BOLT (6) LOCATION IN RESPECT TO
VRF/VRV BASED ON MANUFACTURER & ON UNIT'S SIZE*
(VALID ONLY FOR CASES I THRU V)

MANUFACTURER	UNIT SIZE			TIE DOWN BOLT LOCATION			
	(W)	(D)	(H)	M1	M2	M3	M4
LG	36 ⁵ / ₈ "	29 ²⁹ / ₃₂ "	66 ¹⁷ / ₃₂ "	28 ²⁵ / ₃₂ "	5 ⁵ / ₈ "	3 ³¹ / ₃₂ "	28 ³ / ₄ "
	48 ¹³ / ₁₆ "	29 ²⁹ / ₃₂ "	66 ¹⁷ / ₃₂ "	28 ²⁵ / ₃₂ "	5 ⁵ / ₈ "	3 ¹⁵ / ₁₆ "	40 ¹⁵ / ₁₆ "
SAMSUNG	51"	30 ¹ / ₈ "	66 ³ / ₄ "	28 ³ / ₄ "	5 ⁵ / ₈ "	2 ³ / ₄ "	45 ¹ / ₂ "
DAIKIN	48 ¹³ / ₁₆ "	30 ¹ / ₈ "	65 ³ / ₈ "	28 ⁷ / ₁₆ "	7 ⁷ / ₈ "	3 ³ / ₄ "	42 ³ / ₈ "
	68 ⁷ / ₈ "	30 ¹ / ₈ "	65 ³ / ₈ "	28 ⁷ / ₁₆ "	1 ¹¹ / ₃₂ "	2 ⁵ / ₃₂ "	62 ⁷ / ₁₆ "
CARRIER	39"	31.1"	72.9"	29 ³ / ₄ "	1 ¹ / ₁₆ "	5 ¹ / ₁₆ "	27 ¹ / ₂ "
	47.6"	31.1"	72.9"	29 ³ / ₄ "	1 ¹ / ₁₆ "	5 ¹ / ₁₆ "	36 ¹ / ₄ "
MITSUBISHI	48 ⁷ / ₈ "	29 ³ / ₁₆ "	71 ⁵ / ₈ "	26 ¹³ / ₁₆ "	2"	3 ³ / ₁₆ "	29 ¹⁵ / ₁₆ "
	68 ¹⁵ / ₁₆ "	29 ³ / ₁₆ "	71 ⁵ / ₈ "	26 ¹³ / ₁₆ "	2"	3 ³ / ₁₆ "	31 ⁵ / ₁₆ "
YORK	48 ⁵ / ₈ "	30 ¹ / ₂ "	66 ¹ / ₄ "	28 ¹ / ₁₆ "	1 ¹³ / ₁₆ "	5 ¹⁵ / ₁₆ "	37 ⁵ / ₁₆ "
	38 ³ / ₈ "	30 ¹ / ₂ "	66 ¹ / ₄ "	28 ¹ / ₁₆ "	1 ¹³ / ₁₆ "	5 ¹ / ₁₆ "	27 ¹ / ₁₆ "
	37 ¹³ / ₁₆ "	30 ¹ / ₂ "	66 ¹ / ₄ "	28 ¹ / ₁₆ "	1 ¹³ / ₁₆ "	5 ⁷ / ₁₆ "	27 ¹ / ₁₆ "

*NOTE: CONSULT WITH THIS OFFICE FOR
EQUIPMENT MANUFACTURERS NOT INCLUDED ON THIS
SCHEDULE.

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ALUMINUM STANDS FO ROOF TOP
EQUIPMENTS (VRF'S & MINI-SPLITS)

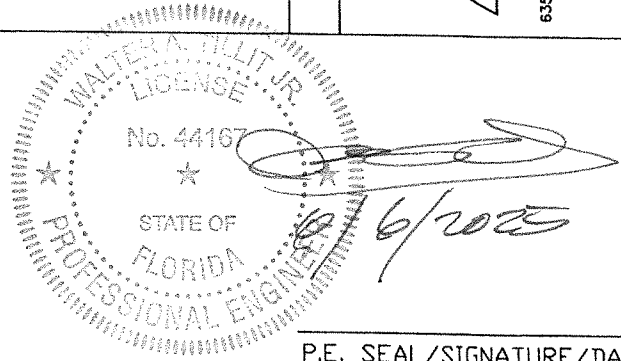
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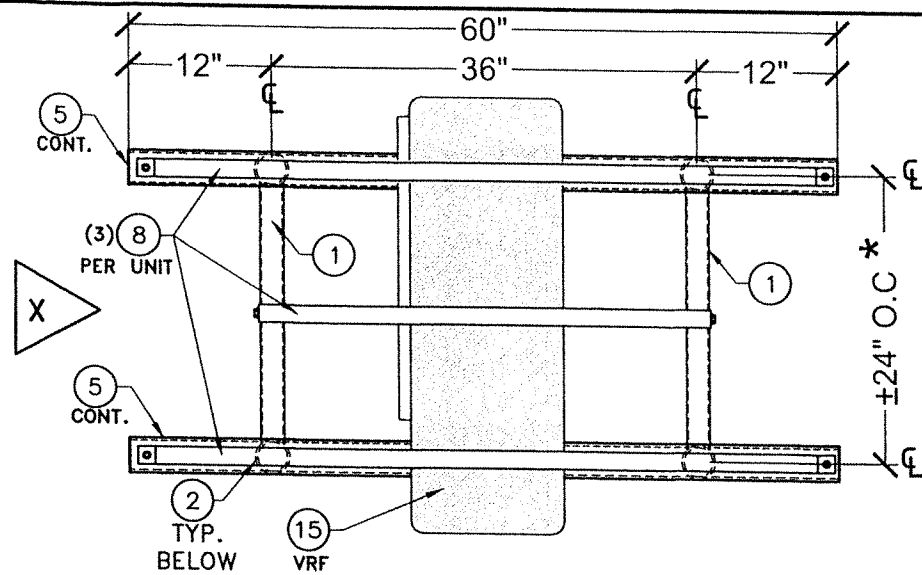
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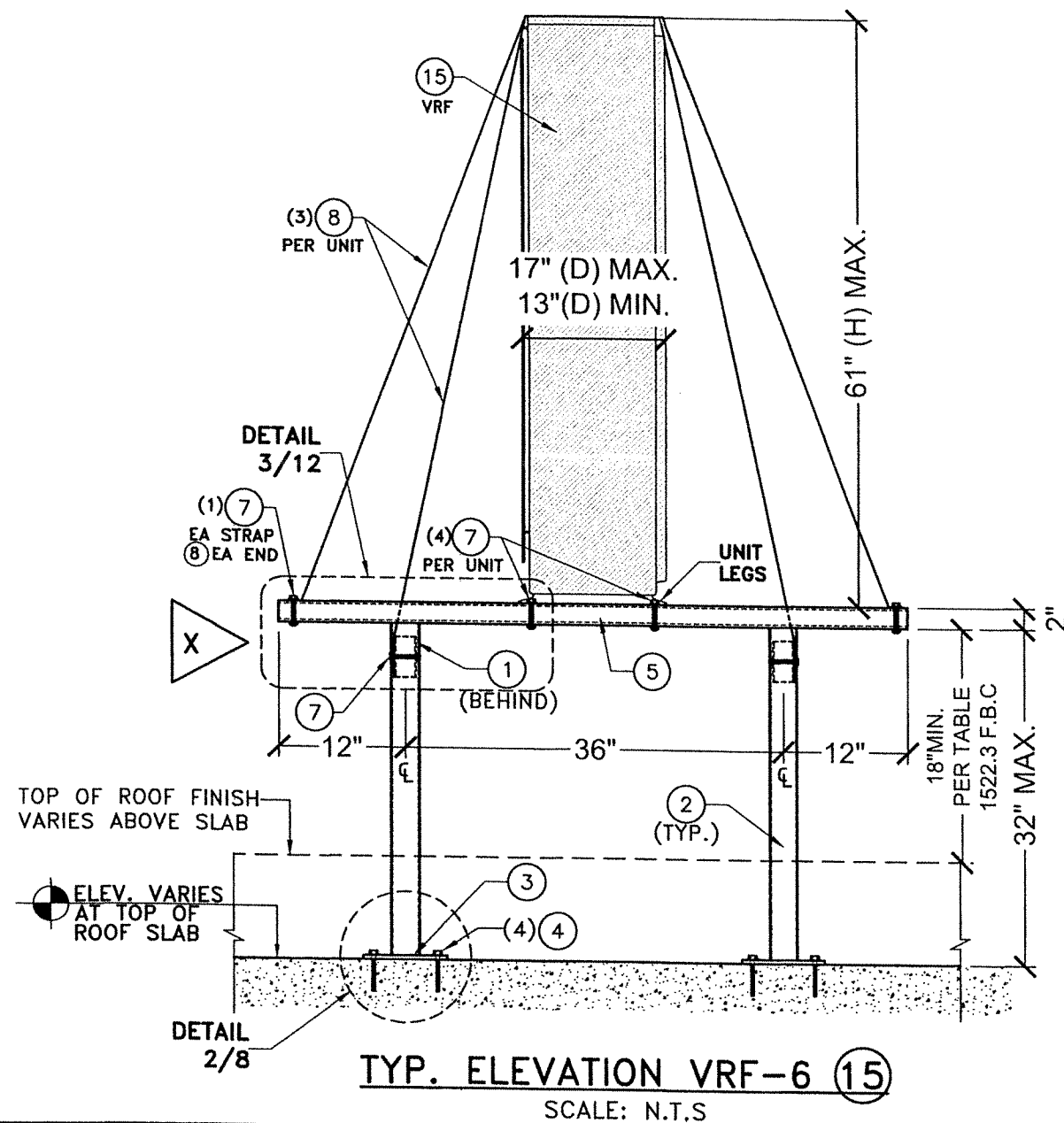
SHEET 9 OF 12



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TYP. PLAN VIEW VRF STAND
SCALE: N.T.S

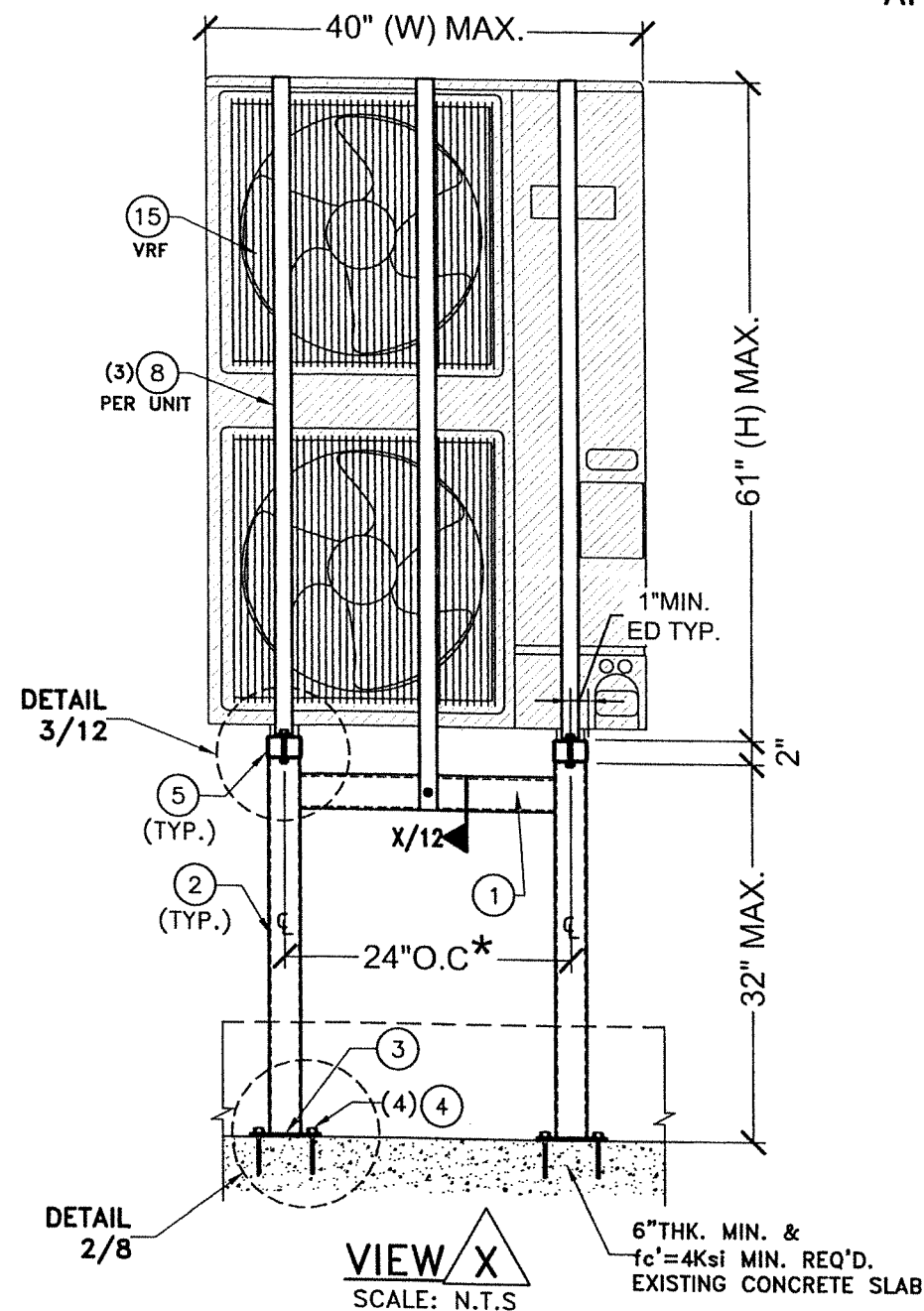


TYP. ELEVATION VRF-6 (15)
SCALE: N.T.S

CASE VI.1

MAXIMUM ASD. PRESSURE RATING	LATERAL	UPLIFT
	88.3 psf	69.8 psf

* **NOTE:** DISTANCE ON CENTERS IN BETWEEN EQUIPMENT LEGS SHALL BE VERIFIED BASED ON MANUFACTURER SPECS. 24" SHOWN DIMENSION IS JUST AN APPROXIMATION.



VIEW X
SCALE: N.T.S

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ALUMINUM STANDS FOR ROOF TOP EQUIPMENTS (VRF'S & MINI-SPLITS)

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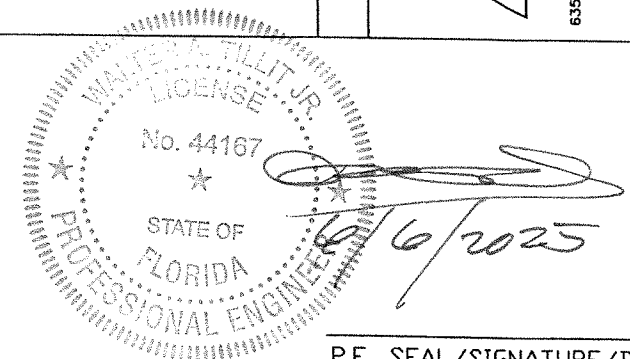
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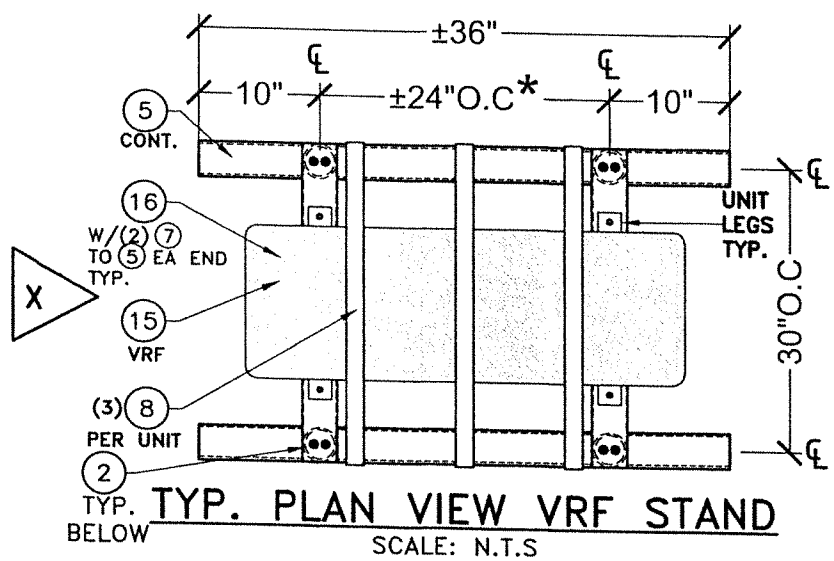
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SHEET 10 OF 12



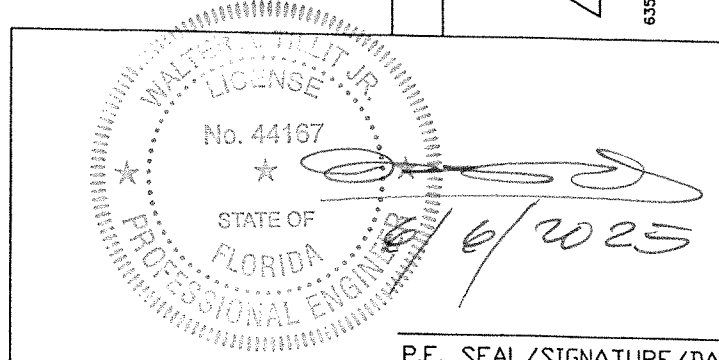
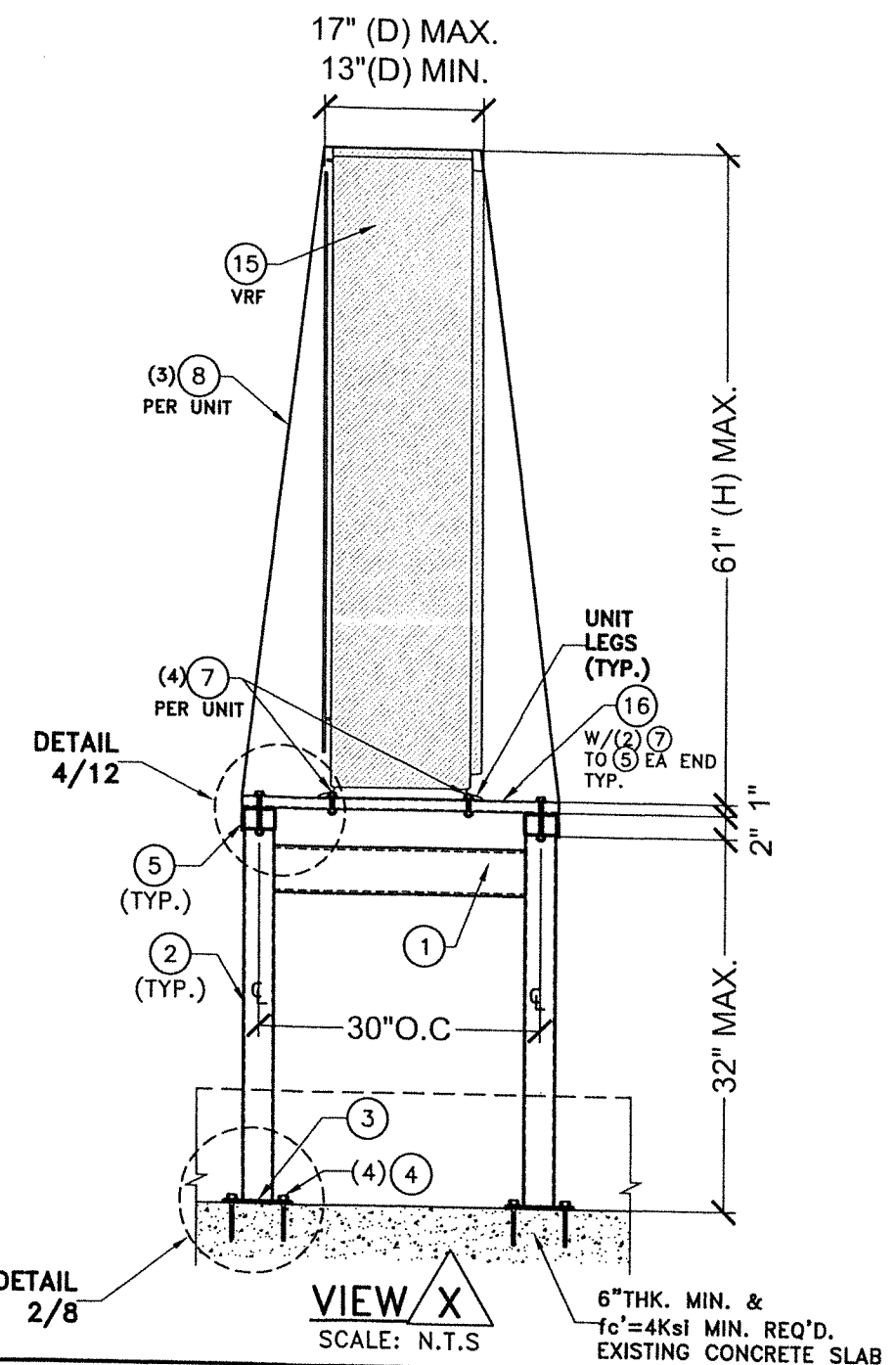
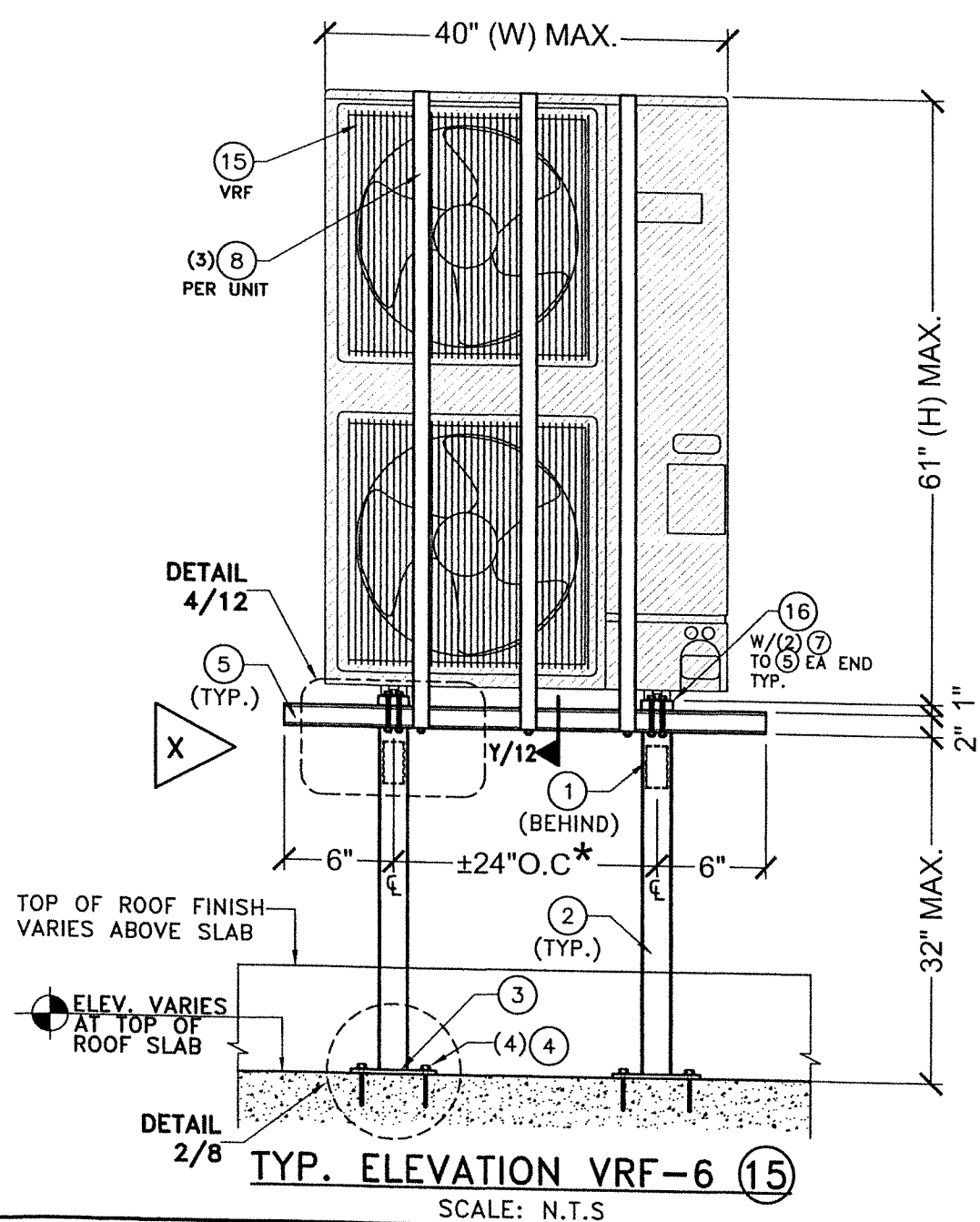
P.E. SEAL/SIGNATURE/DATE



CASE VI.2

MAXIMUM ASD. PRESSURE RATING	LATERAL	UPLIFT
	88.3 psf	69.8 psf

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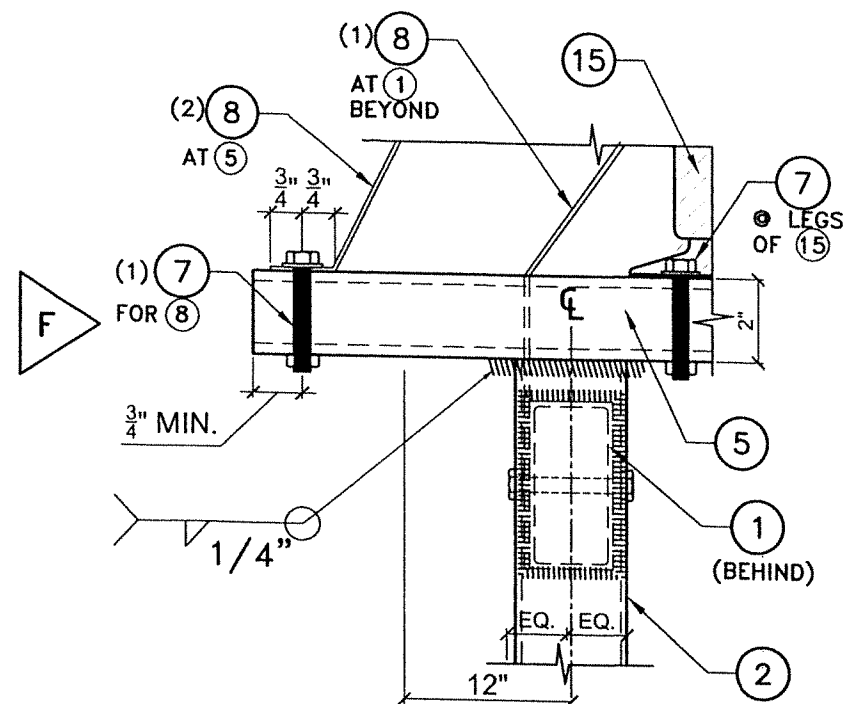
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ALUMINUM STANDS FOR ROOF TOP EQUIPMENTS (VRF'S & MINI-SPLITS)

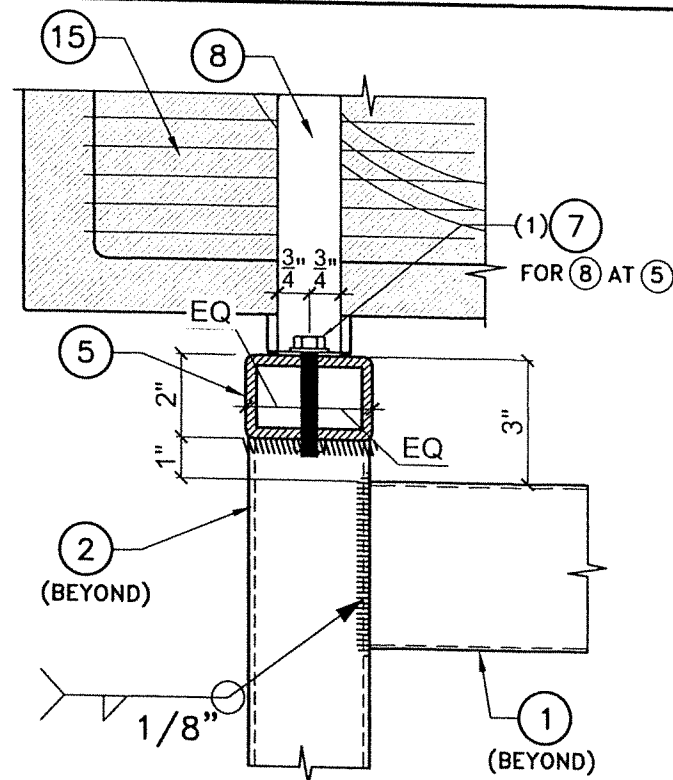
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DATE: 05/23/2025
DRAWING No: **25-034**
SHEET 1 OF 12

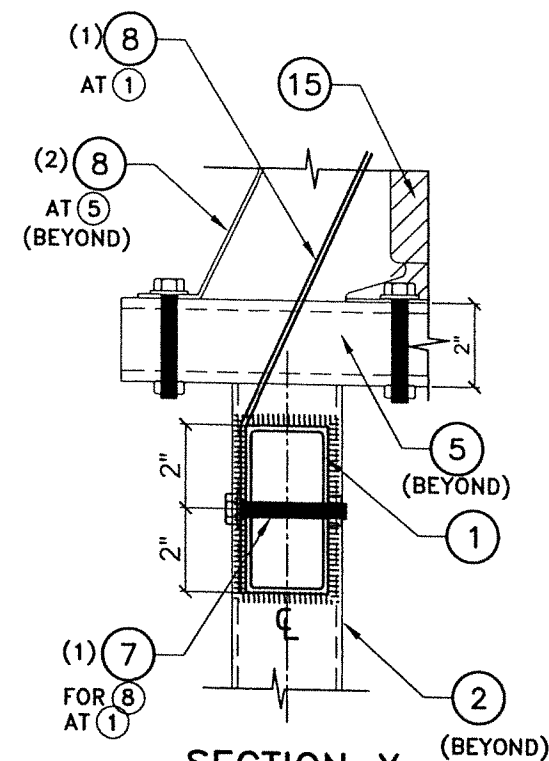
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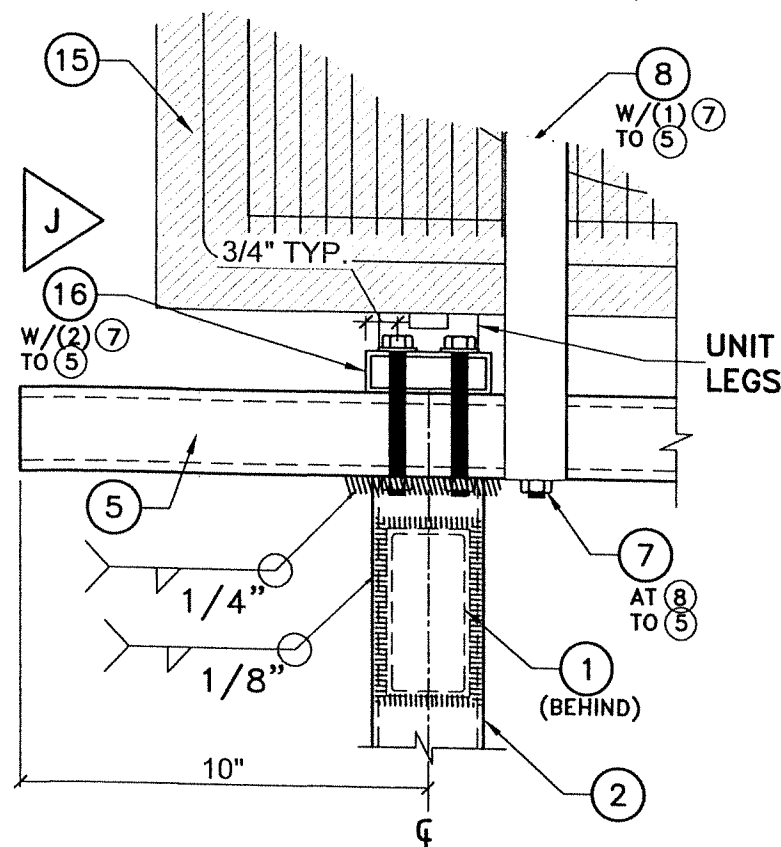
DETAIL 3
SCALE: N.T.S.
(CASE VI.1)



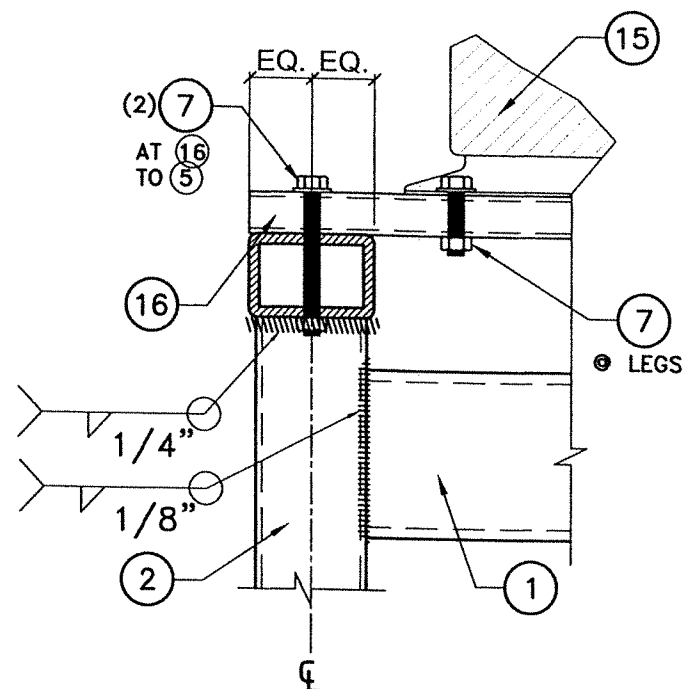
VIEW F AT (5)
(CASE VI.1)



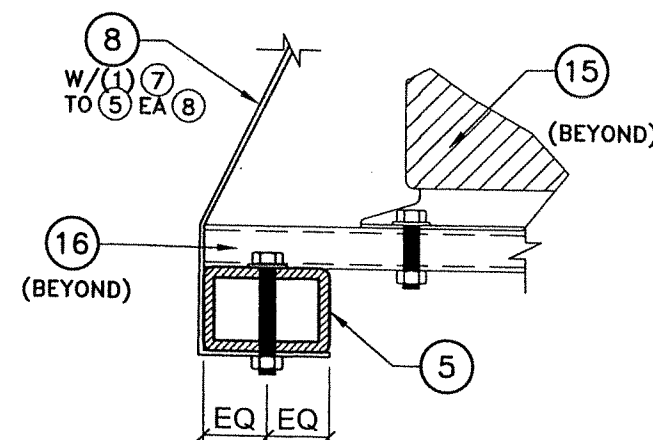
SECTION X
SCALE: N.T.S.
(CASE VI.1)



DETAIL 4
SCALE: N.T.S.
(CASE VI.2)



VIEW J
(CASE VI.2)



SECTION Y
SCALE: N.T.S.
(CASE VI.2)

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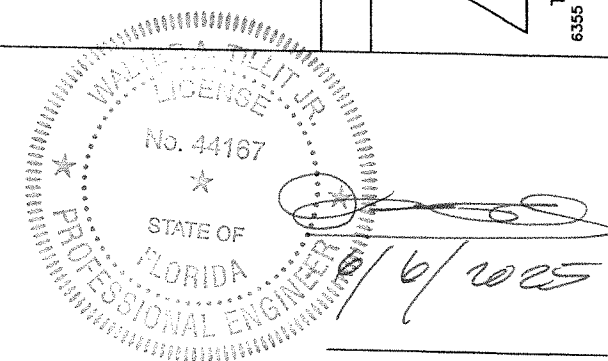
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