

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

- NOTES:
- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
 - 2. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
 - 3. BRACKET MATERIAL: STEEL WITH Fy=59KSI, AISI 1045 STEEL OR BETTER.
 - 4. FOR ANCHORING INTO WOOD FRAMING USE 1/4" LAG SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 2 1/2" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
 - 5. FOR ANCHORING INTO MASONRY/CONCRETE USE 1/4" TAPCONS. LOCATE ANCHORS AS SHOWN IN ELEVATIONS INSTALLATION DETAILS.
 - 6. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - A. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42
 - B. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
 - C. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.
 - 7. ALL SCREWS AND FASTENERS SHALL BE CORROSION RESISTANT.

SIGNED: 12/02/2021

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATION
3	INSTALLATION DETAILS
4	COMPONENTS

RECTORSEAL
2601 SPENWICK DRIVE
HOUSTON, TX 77055

HURRICANE RATED WALL CONDENSER BRACKET
WBB500HR
NOTES

DRAWN:
A.R.

DWG NO.
08-03740

REV
-

SCALE NTS

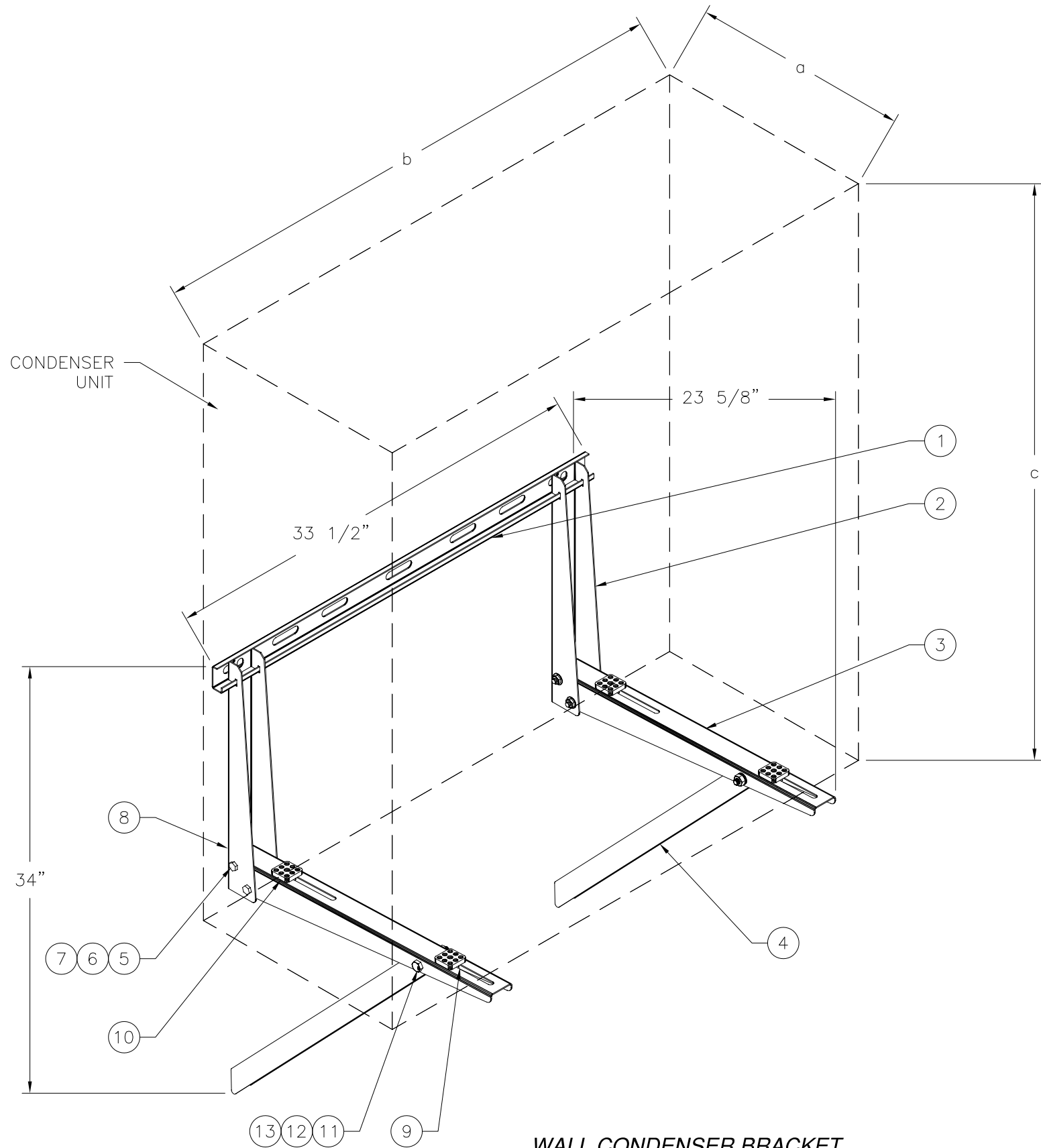
DATE 07/12/2021

SHEET 1 OF 4

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FL No.: 62514



WALL CONDENSER BRACKET

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CONDENSER TO BE INSTALLED WITH BRACKET			
DIMENSION	BIG UNIT	MEDIUM UNIT	SMALL UNIT
a (in)	17"	12"	11"
b (in)	45"	34"	18"
c (in)	42"	35"	26"
Weight	500 lbs	318 lbs	150 lbs

BILL OF MATERIALS				
ITEM NO.:	DESCRIPTION	QUANTITY	MATERIAL	PART NUMBER
1	CROSS BAR	1	1045# G90 GALVANIZED STEEL 0.078" THICK	FAB00914
2	VERTICAL ARM	2	1045# G90 GALVANIZED STEEL 0.078" THICK	FAB00896
3	HORIZONTAL ARM	2	1045# G90 GALVANIZED STEEL 0.078" THICK	FAB00915
4	ANGLE ARM	2	1045# G90 GALVANIZED STEEL 0.078" THICK	FAB00920
5	M8 X65 MM HH BOLT	4	GALVANIZED STEEL GRADE 4.8	STK00129
6	M8 FLAT WASHER 20MM OD 1.4MM THICK	4	GALVANIZED STEEL GRADE 4.8	STK00130
7	M8 LOCK NUT	4	GALVANIZED STEEL GRADE 4.8	STK00131
8	M8 ADJUSTMENT BOLT	2	GALVANIZED STEEL GRADE 4.8	ASB00190
9	CLEAN CLIP WITH NUT	4	PVC	ASB00189
10	RUBBER MOUNT	4	TPU/FLEXIBLE PVC	FAB00632
11	M10 X65 MM HH BOLT	2	GALVANIZED STEEL GRADE 4.8	STK00195
12	M10 FLAT WASHER 20MM OD 2MM THICK	2	GALVANIZED STEEL GRADE 4.8	STK00194
13	M10 LOCK NUT	2	GALVANIZED STEEL GRADE 4.8	STK00196

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HURRICANE RATED WALL CONDENSER BRACKET
WBB500HR
ELEVATION

DRAWN:
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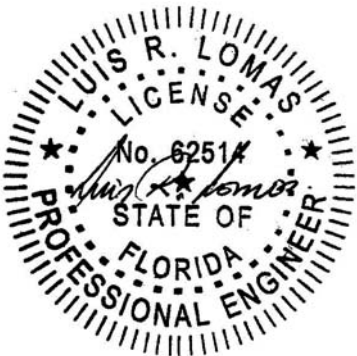
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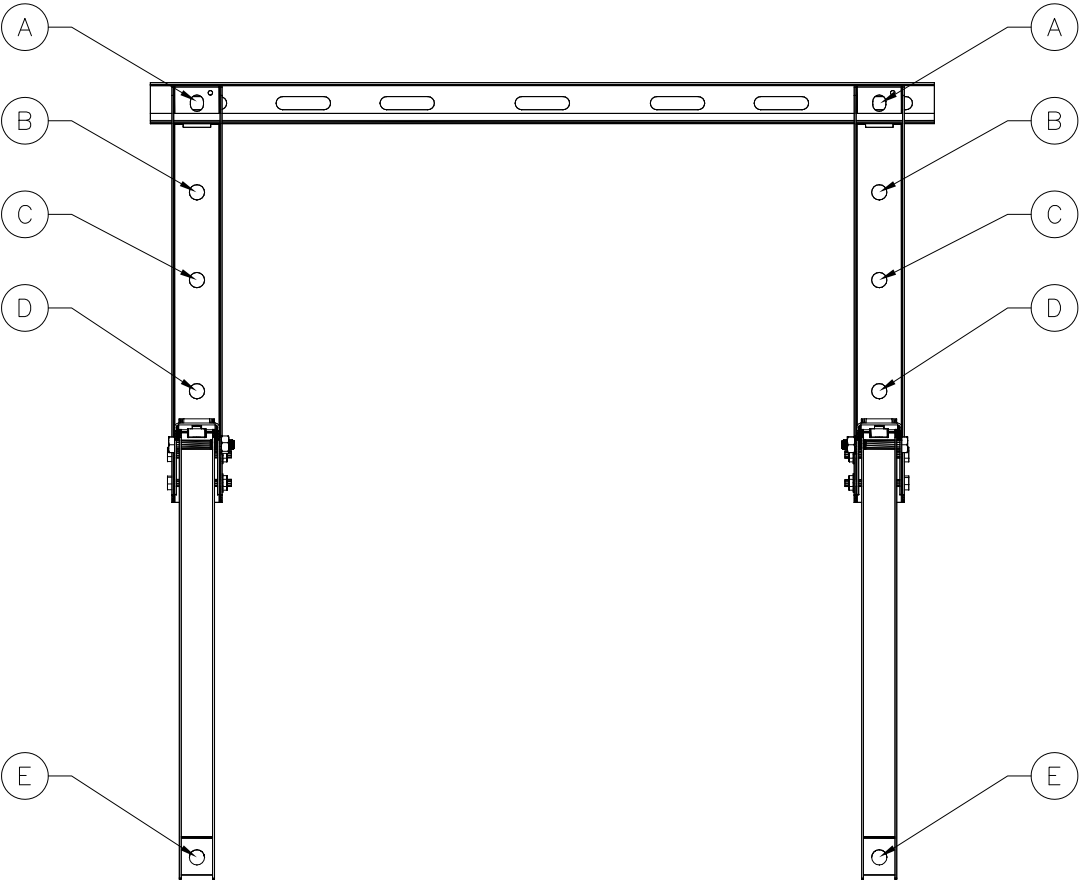
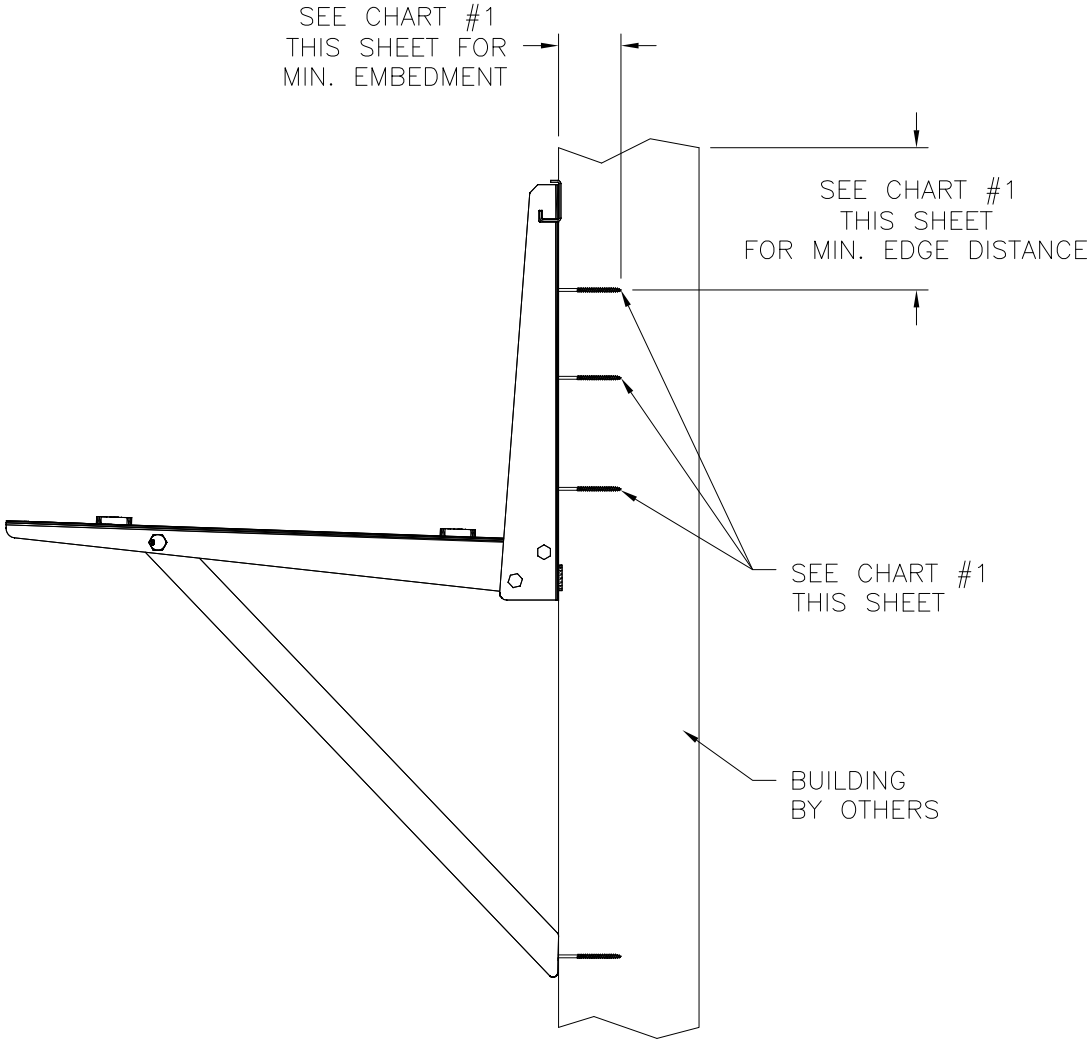
SHEET
2 OF 4

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ANCHORS LOCATIONS

NOTE:
OTHER ANCHORS MAY BE USED AS LONG AS
ANCHOR CAPACITIES EXCEED CAPACITIES SHOWN
IN CHART #1

Chart #1

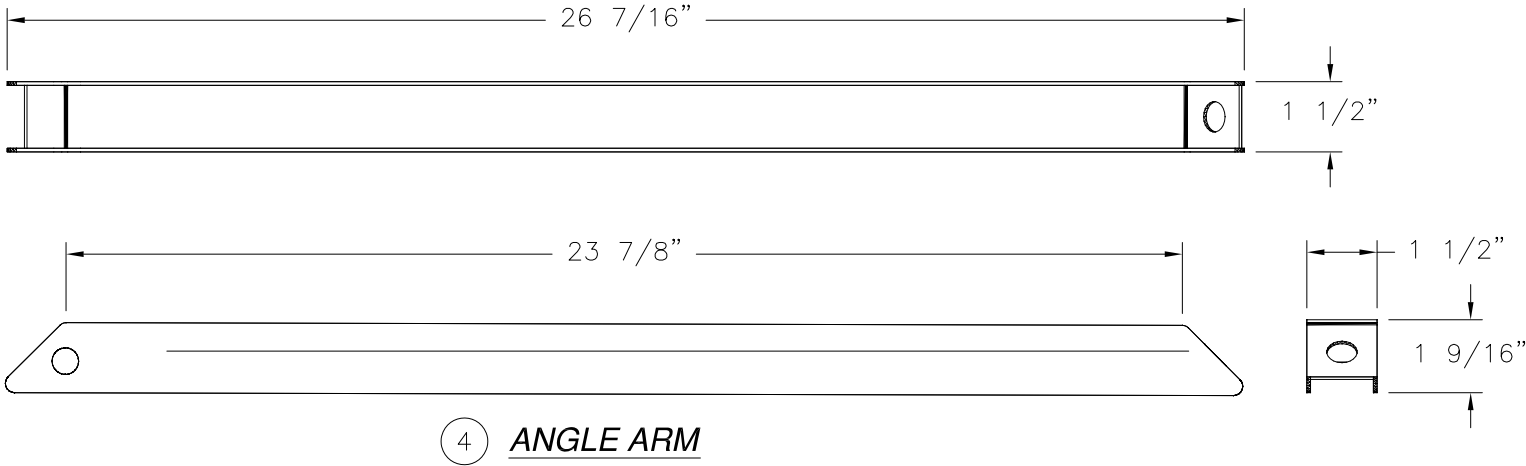
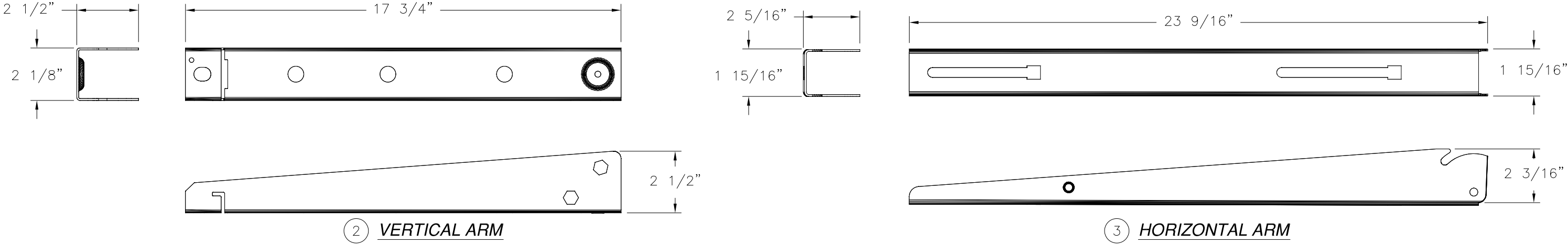
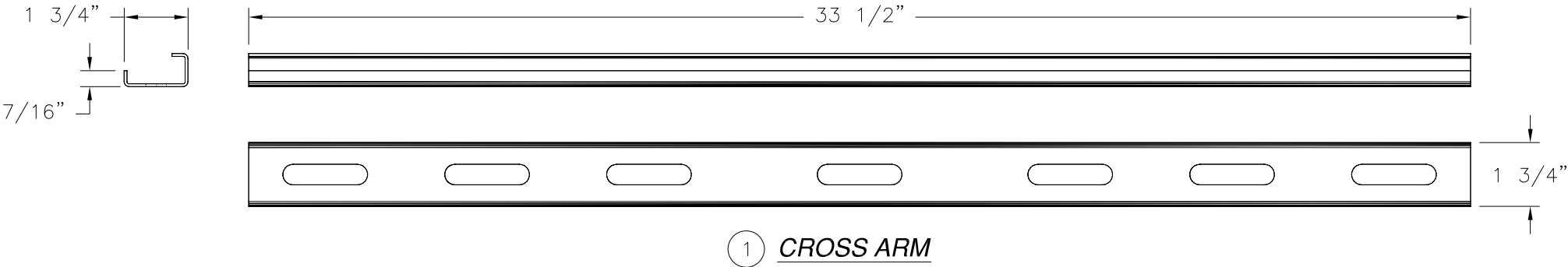
SUBSTRATE	ANCHOR TYPE	# ANCHORS		ANCHOR CAPACITY		DESIGN PRESSURE (psf)	MIN. EDGE DISTANCE	MIN. EMBEDMENT	ANCHOR LOCATIONS
		PER LEG	TOTAL	TENSION (lbs)	SHEAR (lbs)				
Wood	1/4" Lag Screw	3	6	441	236	74.2	5/8"	2 1/2"	A, C & E
		4	8			112.5			A, B, D & E
		5	10			150.0			A, B, C, D & E
Hollow CMU	1/4" Tapcon	3	6	118	202	25.6	4	1 1/4"	A, C & E
		4	8			40.2			A, B, D & E
		5	10			54.7			A, B, C, D & E
Concrete or Grout filled CMU	1/4" Tapcon	3	6	443	421	113.9	3	1 3/4"	A, C & E
		4	8			150.0			A, B, D & E
		5	10			150.0			A, B, C, D & E

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RECTORSEAL 2601 SPENWICK DRIVE HOUSTON, TX 77055		
HURRICANE RATED WALL CONDENSER BRACKET WBB500HR INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03740	REV -
SCALE NTS	DATE 07/12/2021	SHEET 3 OF 4
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RECTORSEAL 2601 SPENWICK DRIVE HOUSTON, TX 77055		
HURRICANE RATED WALL CONDENSER BRACKET WBB500HR COMPONENTS		
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SCALE NTS	DATE 07/12/2021	SHEET 4 OF 4
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