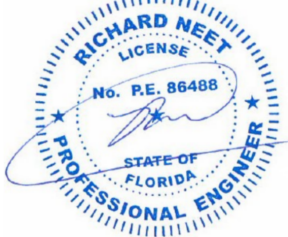


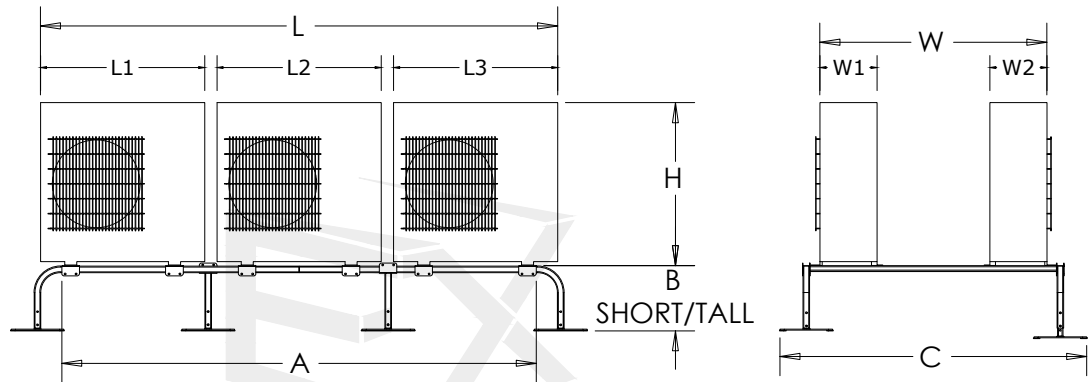
MAXIMUM MEAN ROOF HEIGHT	ULTIMATE WIND SPEED	EXPOSURE CATEGORY	LATERAL DESIGN PRESSURE (ASD)	UPLIFT DESIGN PRESSURE (ASD)
AT GRADE	140 mph	C	25.9 psf	0.0 psf
		D	31.4 psf	0.0 psf
25 ft		C	50.4 psf	39.8 psf
		D	59.7 psf	47.1 psf
50 ft		C	57.3 psf	45.3 psf
		D	66.4 psf	52.4 psf
75 ft		C	62.1 psf	49.0 psf
		D	70.9 psf	56.0 psf
100 ft		C	65.8 psf	51.9 psf
		D	74.3 psf	58.7 psf
150 ft		C	71.4 psf	56.4 psf
		D	79.6 psf	62.8 psf
AT GRADE	170 mph	C	38.1 psf	0.0 psf
		D	46.3 psf	0.0 psf
25 ft		C	74.3 psf	58.7 psf
		D	90.0 psf	69.4 psf
50 ft		C	84.6 psf	66.8 psf
		D	97.9 psf	77.3 psf
75 ft		C	91.5 psf	72.3 psf
		D	104.5 psf	82.5 psf
100 ft		C	97.0 psf	76.6 psf
		D	109.6 psf	86.5 psf
150 ft		C	105.3 psf	83.1 psf
		D	117.3 psf	92.6 psf
200 ft	C	111.7 psf	88.2 psf	
	D	123.2 psf	97.3 psf	
AT GRADE	175 mph	C	40.4 psf	0.0 psf
		D	49.0 psf	0.0 psf
25 ft		C	78.7 psf	62.2 psf
		D	93.2 psf	73.6 psf
50 ft		C	89.6 psf	70.7 psf
		D	103.7 psf	81.9 psf
75 ft		C	97.0 psf	76.6 psf
		D	110.8 psf	87.4 psf
100 ft		C	102.8 psf	81.1 psf
		D	116.2 psf	91.7 psf
150 ft		C	111.6 psf	88.1 psf
		D	124.3 psf	89.2 psf
200 ft	C	118.4 psf	93.4 psf	
	D	130.5 psf	103.1 psf	
AT GRADE	186 mph	C	45.6 psf	0.0 psf
		D	55.4 psf	0.0 psf
25 ft		C	84.0 psf	66.3 psf
		D	99.5 psf	78.6 psf
50 ft		C	95.6 psf	75.5 psf
		D	110.7 psf	87.4 psf
75 ft		C	103.5 psf	81.7 psf
		D	118.2 psf	93.3 psf
100 ft		C	109.6 psf	86.5 psf
		D	123.9 psf	97.8 psf
150 ft		C	119.0 psf	93.9 psf
		D	132.6 psf	104.7 psf

DESIGN PRESSURE GUIDE NOTES:

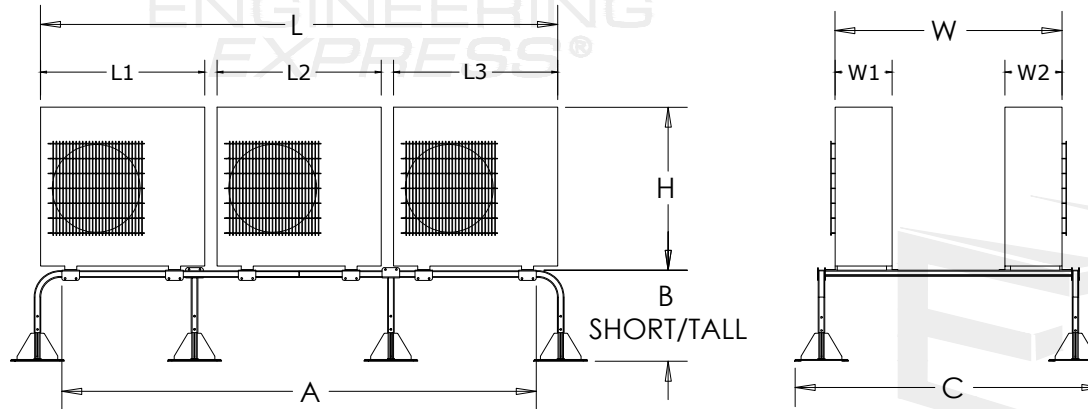
1. THE REQUIRED ASD DESIGN PRESSURES LISTED IN THIS SCHEDULE WERE CALCULATED BASED ON THE FOLLOWING PARAMETERS:
 - 1.1. ASCE 7-22 SECTION 29.4 "ROOFTOP STRUCTURES AND EQUIPMENT"
 - 1.2. STRUCTURE SHAPE = SQUARE
 - 1.3. $z = 4.5$ FT
 - 1.4. LATERAL $GC_f = 1.90$; UPLIFT $GC_f = 1.50$
2. THIS REQUIRED PRESSURE SCHEDULE IS FOR REFERENCE ONLY AND SHALL BE APPROVED BY THE AUTHORITY HAVING JURISDICTION AS BEING ADEQUATE FOR USE.
3. IF THE DESIGN PRESSURES LISTED IN THE SCHEDULE ARE NOT USED, REQUIRED DESIGN PRESSURES SHALL BE CALCULATED ON A SITE SPECIFIC BASIS BY OTHERS.
4. REQUIRED DESIGN PRESSURES SHALL BE LESS THAN OR EQUAL TO THE ALLOWABLE DESIGN PRESSURES LISTED IN THE DESIGN SCHEDULE
5. UPLIFT DESIGN PRESSURES NOT REQUIRED FOR AT GRADE APPLICATIONS. LATERAL PRESSURES FOR AT GRADE UNITS WERE CALCULATED PER ASCE 7-22 SECTION 29.3

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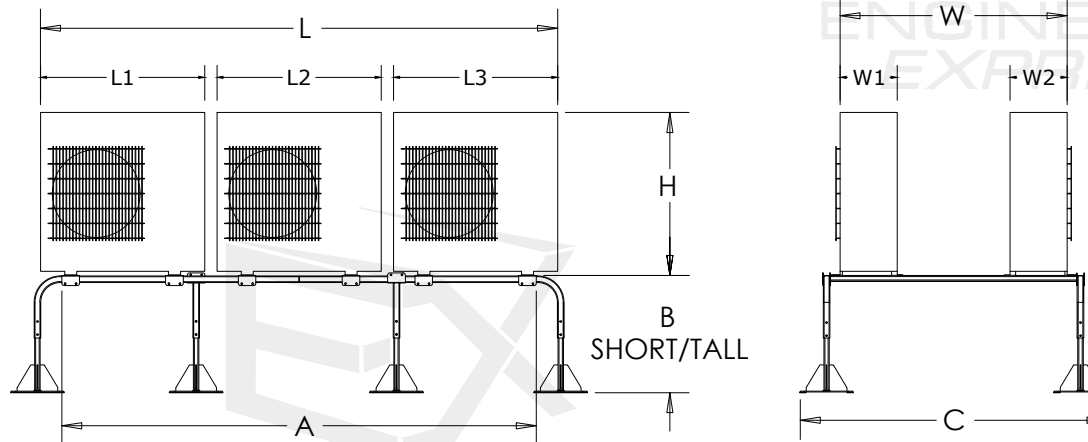
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12 INCH FOOT



18 INCH FOOT

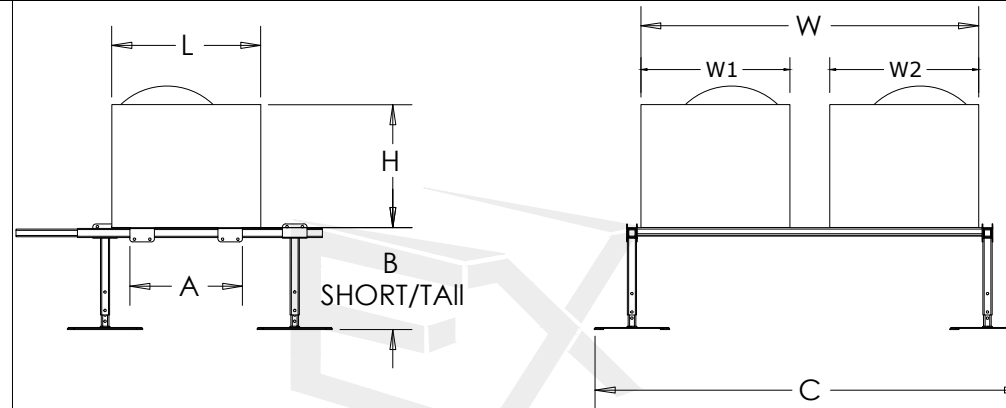


24 INCH FOOT

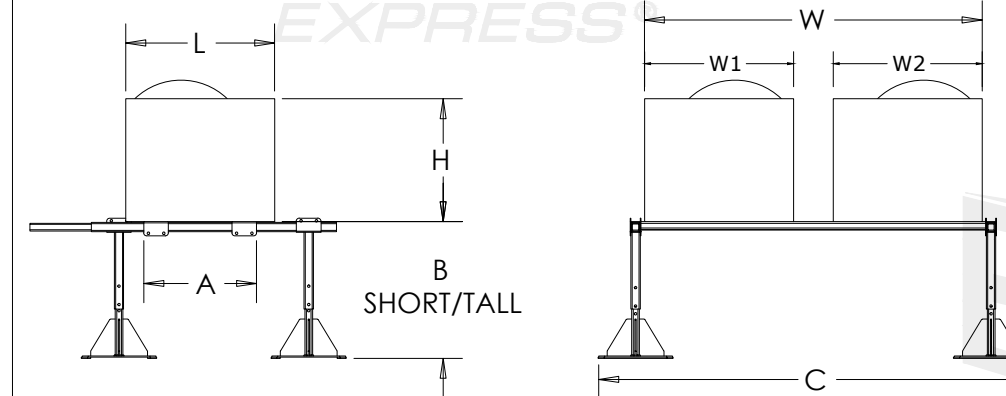
CONFIGURATION	DIMENSION A	DIMENSION B	DIMENSION C
QSMS3001-12 SHORT	24"	14.9"	69.9"
QSMS3001-12 TALL	108.75"	16.6"	69.9"
QSMS3001-12M SHORT	24"	14.9"	69.9"
QSMS3001-12M TALL	108.75"	16.6"	69.9"
QSMS3001-18 SHORT	24"	20.75"	69.9"
QSMS3001-18 TALL	108.75"	22.5"	69.9"
QSMS3001-18M SHORT	24"	20.75"	69.9"
QSMS3001-18M TALL	108.75"	22.5"	69.9"
QSMS3001-24 SHORT	24"	26.75"	69.9"
QSMS3001-24 TALL	108.75"	28.5"	69.9"
QSMS3001-24M SHORT	24"	26.75"	69.9"
QSMS3001-24M TALL	108.75"	28.5"	69.9"

*NOTE: MAX DIMENSION "L" SHALL NOT EXCEED THE TOTAL LENGTH OF THE STAND (OUTER POST TO OUTER POST). SEE DESIGN SCHEDULE FOR LIMITATIONS

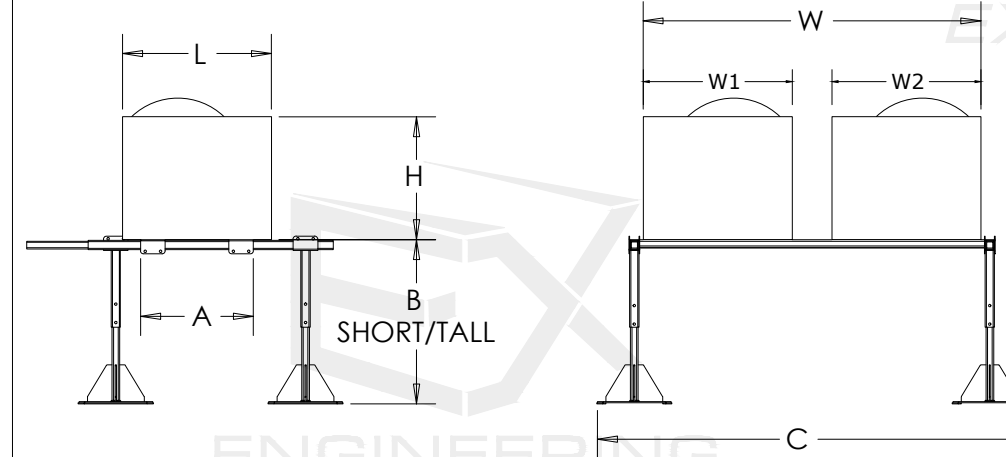
CONFIGURATION	DIMENSION H MAXIMUM	DIMENSION L MAXIMUM	DIMENSION W MAXIMUM
QMS3001-12	53	*SEE NOTE	54
QSMS3001-12M	53	*SEE NOTE	54
QMS3001-18	53	*SEE NOTE	54
QSMS3001-18M	53	*SEE NOTE	54
QMS3001-24	53	*SEE NOTE	54
QSMS3001-24M	53	*SEE NOTE	54



12 INCH FOOT



18 INCH FOOT

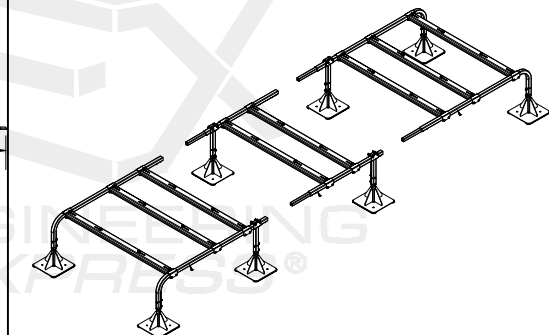


24 INCH FOOT

CONFIGURATION	DIMENSION A	DIMENSION B	DIMENSION C
QSMS3001-12EXT SHORT	8"	14.9"	69.9"
QSMS3001-12EXT TALL	39.9"	16.6"	69.9"
QSMS3001-12MEXT SHORT	8"	14.9"	69.9"
QSMS3001-12MEXT TALL	39.9"	16.9"	69.9"
QSMS3001-18EXT SHORT	8"	20.75"	69.9"
QSMS3001-18EXT TALL	39.9"	22.75"	69.9"
QSMS3001-18MEXT SHORT	8"	20.75"	69.9"
QSMS3001-18MEXT TALL	39.9"	22.75"	69.9"
QSMS3001-24EXT SHORT	8"	26.75"	69.9"
QSMS3001-24EXT TALL	39.9"	28.5"	69.9"
QSMS3001-24MEXT SHORT	8"	26.75"	69.9"
QSMS3001-24MEXT TALL	39.9"	28.75"	69.9"

CONFIGURATION	DIMENSION H MAXIMUM	DIMENSION L MAXIMUM	DIMENSION W MAXIMUM
QSMS3001-12EXT	53	42	54
QSMS3001-12MEXT	53	42	54
QSMS3001-18EXT	53	42	54
QSMS3001-18MEXT	53	42	54
QSMS3001-24EXT	53	42	54
QSMS3001-24MEXT	53	42	54

NOTE: THESE EXTENSIONS (EXT) SHALL BE ADDED TO THE STANDARD FRAMES TO ACCOMMODATE MORE UNITS OR LARGER UNIT FACE AREAS. SEE DESIGN SCHEDULE FOR LIMITATIONS



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DESIGN SCHEDULE

CONFIGURATION	NO. OF LEGS PER STAND	MAXIMUM UNIT HEIGHT (in)	MAXIMUM ALLOWABLE LATERAL DESIGN PRESSURE (psf)					
			MAXIMUM UNIT FACE AREA					
			12.0 sqft	20.0 sqft	28.0 sqft	36.0 sqft	44.0 sqft	52.0 sqft
QSMS3001-12 SHORT	10		130	130	130	130	121	102
QSMS3001-12 TALL			130	130	130	130	108	92
QSMS3001-12M SHORT			130	130	130	130	121	102
QSMS3001-12M TALL			130	130	130	130	108	92
QSMS3001-18 SHORT			130	130	130	130	130	130
QSMS3001-18 TALL			130	130	130	130	130	130
QSMS3001-18M SHORT			130	130	130	130	130	130
QSMS3001-18M TALL			130	130	130	130	130	130
QSMS3001-24 SHORT			130	130	130	130	130	114
QSMS3001-24 TALL			130	130	130	130	126	107
QSMS3001-24M SHORT	8		130	130	130	130	130	114
QSMS3001-24M TALL			130	130	130	130	126	107
QSMS3001-12 SHORT			130	130	130	118	97	
QSMS3001-12 TALL			130	130	130	106	87	
QSMS3001-12M SHORT			130	130	130	118	97	
QSMS3001-12M TALL			130	130	130	106	87	
QSMS3001-18 SHORT			130	130	130	130	130	
QSMS3001-18 TALL			130	130	130	130	128	
QSMS3001-18M SHORT			130	130	130	130	130	
QSMS3001-18M TALL			130	130	130	130	128	
QSMS3001-24 SHORT	6		130	130	130	130	108	
QSMS3001-24 TALL			130	130	130	123	101	
QSMS3001-24M SHORT			130	130	130	130	108	
QSMS3001-24M TALL			130	130	130	123	101	
QSMS3001-12 SHORT			130	130	114	89		
QSMS3001-12 TALL			130	130	102	79		
QSMS3001-12M SHORT			130	130	114	89		
QSMS3001-12M TALL			130	130	102	79		
QSMS3001-18 SHORT			130	130	130	127		
QSMS3001-18 TALL			130	130	130	117		
QSMS3001-18M SHORT	4		130	130	130	127		
QSMS3001-18M TALL			130	130	130	117		
QSMS3001-24 SHORT			130	130	127	99		
QSMS3001-24 TALL			130	130	119	93		
QSMS3001-24M SHORT			130	130	127	99		
QSMS3001-24M TALL			130	130	119	93		
QSMS3001-12 SHORT			130	106				
QSMS3001-12 TALL			130	95				
QSMS3001-12M SHORT			130	106				
QSMS3001-12M TALL			130	95				
QSMS3001-18 SHORT	4		130	130				
QSMS3001-18 TALL			130	130				
QSMS3001-18M SHORT			130	130				
QSMS3001-18M TALL			130	130				
QSMS3001-24 SHORT			130	118				
QSMS3001-24 TALL			130	111				
QSMS3001-24M SHORT			130	118				
QSMS3001-24M TALL			130	111				

DESIGN SCHEDULE NOTES:

1. THE ALLOWABLE (ASD) DESIGN PRESSURES LISTED ARE LATERAL PRESSURES. TO CALCULATE THE CORRESPONDING UPLIFT DESIGN PRESSURES, MULTIPLY LATERAL PRESSURE BY 0.79
2. SEE DIAGRAMS ON THIS SHEET FOR DEFINITIONS OF "UNIT FACE AREA".
3. LINEAR INTERPOLATION MAY BE USED FOR INTERMEDIATE UNIT FACE AREAS. UNIT HEIGHT AND/OR FACE AREA SHALL NOT EXCEED THE MAXIMUM OPTION LISTED.
4. FOR CONDITIONS THAT EXCEED THE ALLOWABLE PARAMETERS LISTED IN THIS DESIGN SCHEDULE, SEPARATE SITE SPECIFIC ENGINEERING WILL BE REQUIRED.
5. UNIT WEIGHTS SHALL NOT EXCEED THE FOLLOWING LIMITATIONS:

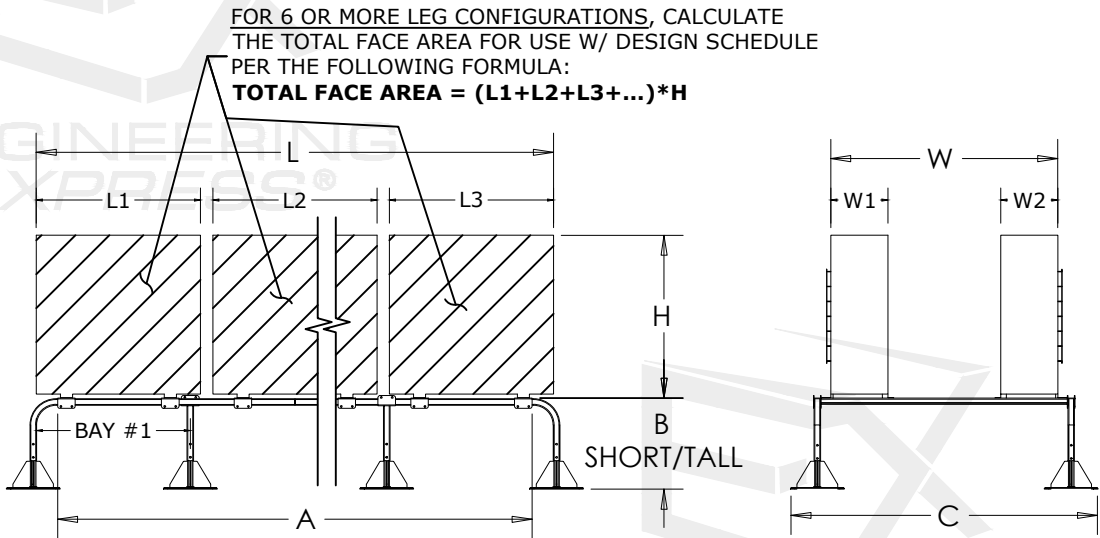
5.1. MAX TOTAL UNIT WEIGHT = 1000 LBS PER BAY. A "BAY" IS DEFINED AS THE SPAN BETWEEN POSTS. FOR EXAMPLE, A 6 LEG CONFIGURATION HAS 2 BAYS AND HAS A MAX TOTAL UNIT WEIGHT OF 1000*2 = 2000LBS. UNITS SHALL BE EQUALLY DISTRIBUTED OVER LENGTH OF STAND
6. UNIT ATTACHMENT TO STAND SHALL BE PER SEPARATE ENGINEERING.

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PE# 86488 CA# 9885

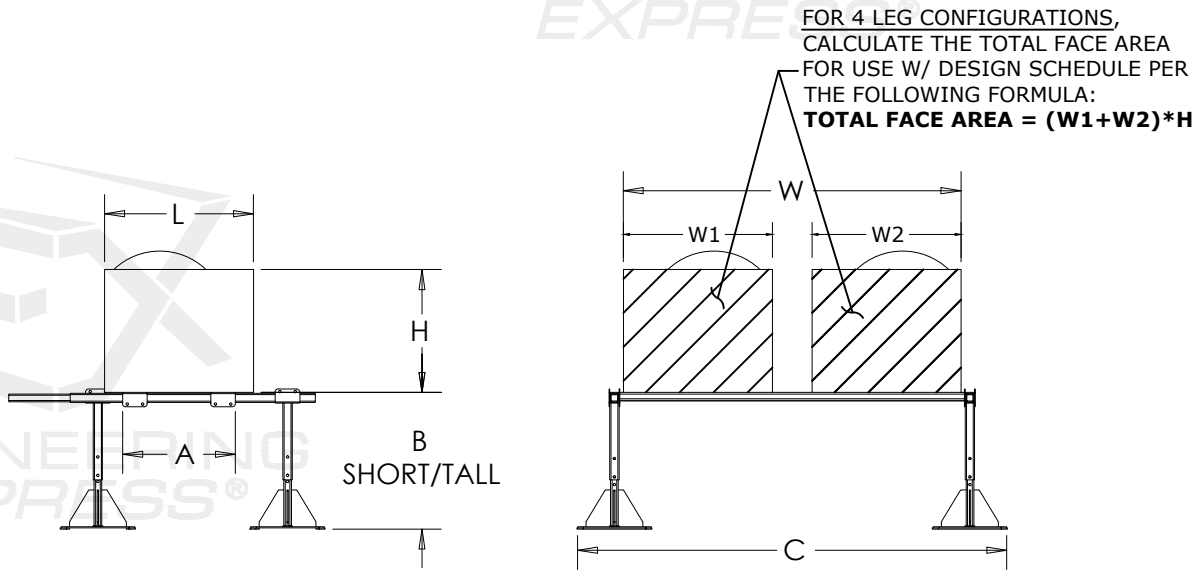


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6 OR MORE LEG CONFIGURATIONS



4 LEG "EXT" CONFIGURATIONS

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CONFIGURATION	PART 1	PART 2	PART 3	PART 4	PART 5	PART 6
QSMS3001-12	MNT-A10-03-469	MNT-A10-03-468	SS102-12	MNT-A10-03-471	MNT-A10-03-473	EQUIPTMENT PACKAGE
QSMS3001-12M	MNT-A10-03-469M	MNT-A10-03-468M	SS102-12M	MNT-A10-03-471M	MNT-A10-03-473M	EQUIPTMENT PACKAGE
QSMS3001-18	MNT-A10-03-469	MNT-A10-03-468	SS102-18	MNT-A10-03-471	MNT-A10-03-473	EQUIPTMENT PACKAGE
QSMS3001-18M	MNT-A10-03-469M	MNT-A10-03-468M	SS102-18M	MNT-A10-03-471M	MNT-A10-03-473M	EQUIPTMENT PACKAGE
QSMS3001-24	MNT-A10-03-469	MNT-A10-03-468	SS102-24	MNT-A10-03-471	MNT-A10-03-473	EQUIPTMENT PACKAGE
QSMS3001-24M	MNT-A10-03-469M	MNT-A10-03-468M	SS102-24M	MNT-A10-03-471M	MNT-A10-03-473M	EQUIPTMENT PACKAGE

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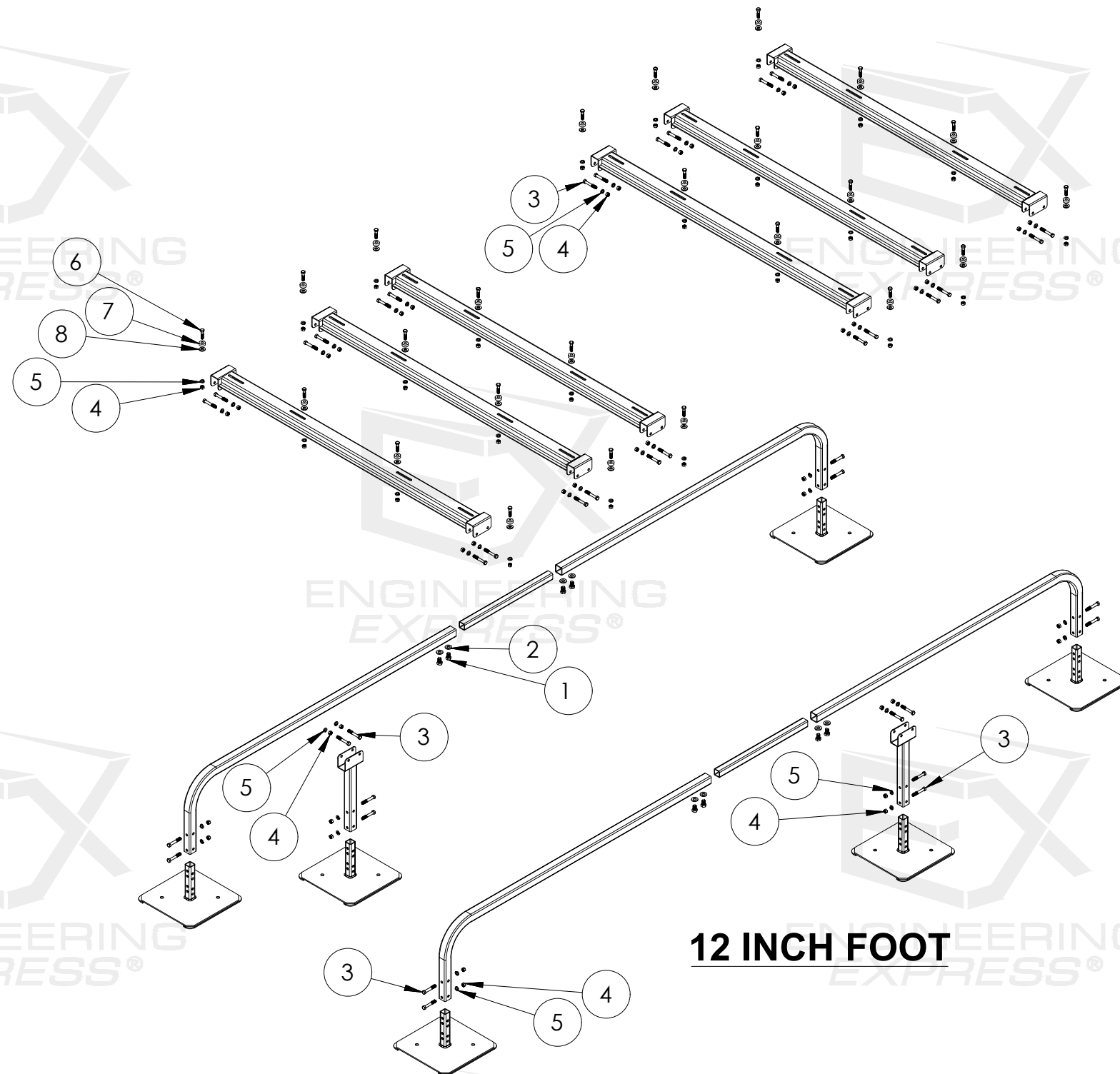
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12 INCH FOOT

CONFIGURATION	HARDWARE KIT	PART 1	PART 2	PART 3	PART 4	PART 5	PART 6	PART 7	PART 8
QSMS3001-12	HDKMS07	1/4-20X1/2 IN ZINC HEX BOLT	1/2 IN ZINC WASHER	3/8-16X2 1/2 IN GALVANIZED BOLT	3/8-16 GALVANIZED HEX NUT	3/8 IN SPLIT WASHER GALV	3/8-16X1 1/2 IN GALVANIZED BOLT	1 X 3/8 X 3/8 IN RUBBER WASHER	3/8 IN BONDED WASHER
QSMS3001-12M	HDKM07	1/4-20X1/2 IN ZINC HEX BOLT	1/2 IN ZINC WASHER	3/8-16X2 1/2 IN GALVANIZED BOLT	3/8-16 GALVANIZED HEX NUT	3/8 IN SPLIT WASHER GALV	3/8-16X1 1/2 IN GALVANIZED BOLT	1 X 3/8 X 3/8 IN RUBBER WASHER	3/8 IN BONDED WASHER

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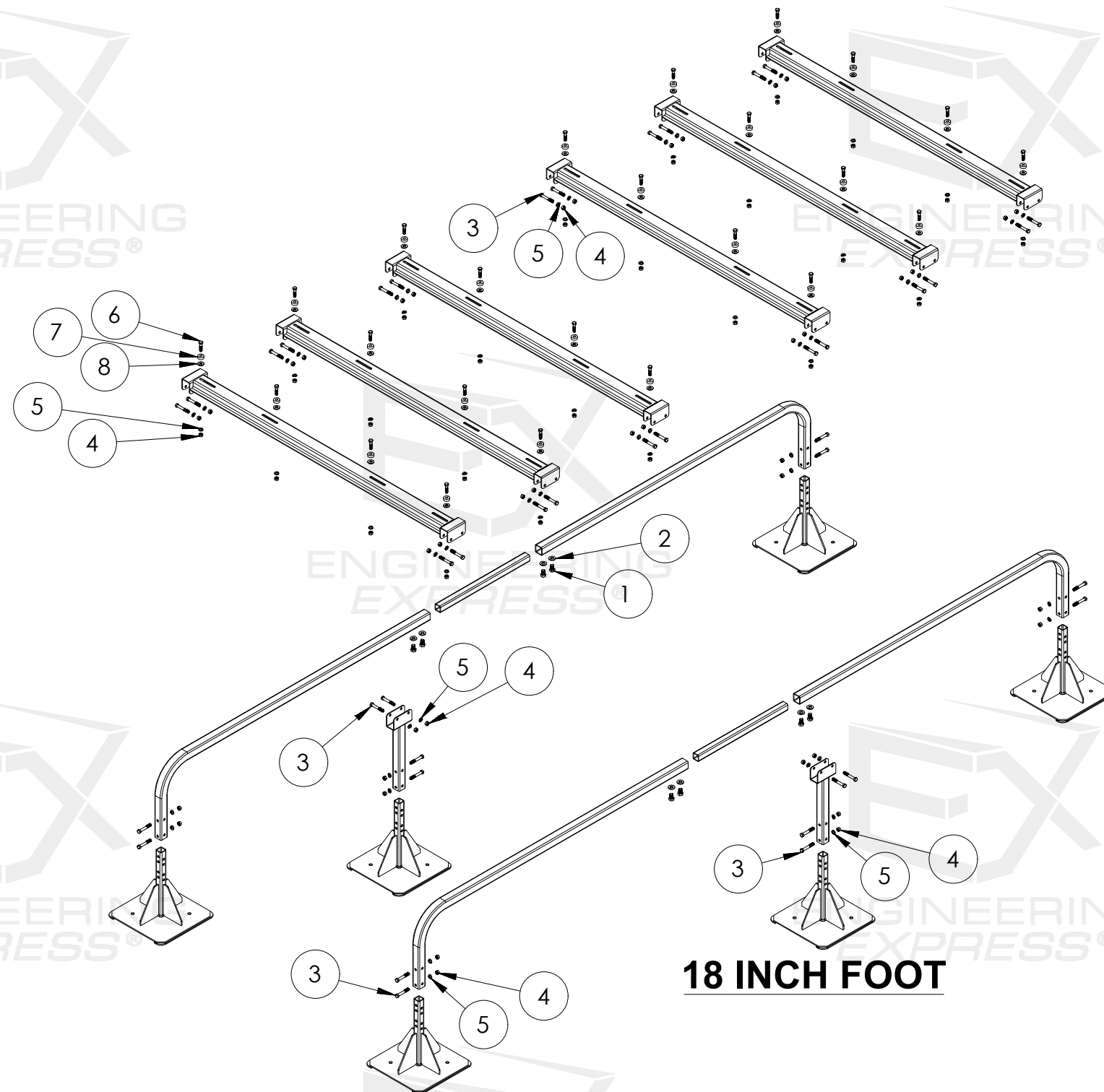
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18 INCH FOOT

CONFIGURATION	HARDWARE KIT	PART 1	PART 2	PART 3	PART 4	PART 5	PART 6	PART 7	PART 8
QSMS3001-18	HDKMS07	1/4-20X1/2 IN ZINC HEX BOLT	1/2 IN ZINC WASHER	3/8-16X2 1/2 IN GALVANIZED BOLT	3/8-16 GALVANIZED HEX NUT	3/8 IN SPLIT WASHER GALV	3/8-16X1 1/2 IN GALVANIZED BOLT	1 X 3/8 X 3/8 IN RUBBER WASHER	3/8 IN BONDED WASHER
QSMS3001-18M	HDKMS07	1/4-20X1/2 IN ZINC HEX BOLT	1/2 IN ZINC WASHER	3/8-16X2 1/2 IN GALVANIZED BOLT	3/8-16 GALVANIZED HEX NUT	3/8 IN SPLIT WASHER GALV	3/8-16X1 1/2 IN GALVANIZED BOLT	1 X 3/8 X 3/8 IN RUBBER WASHER	3/8 IN BONDED WASHER

PART NO. 5

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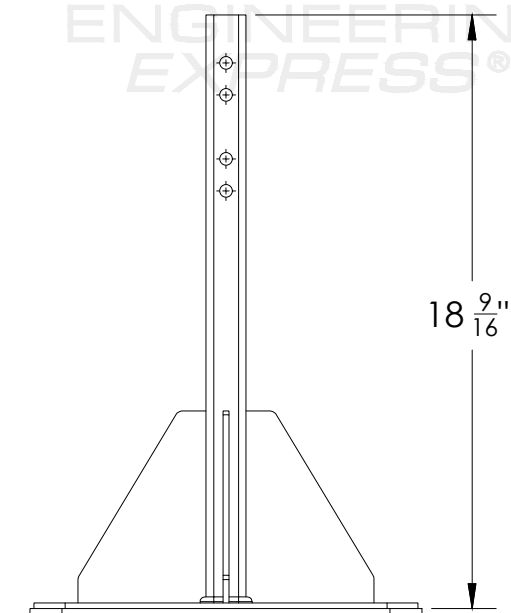
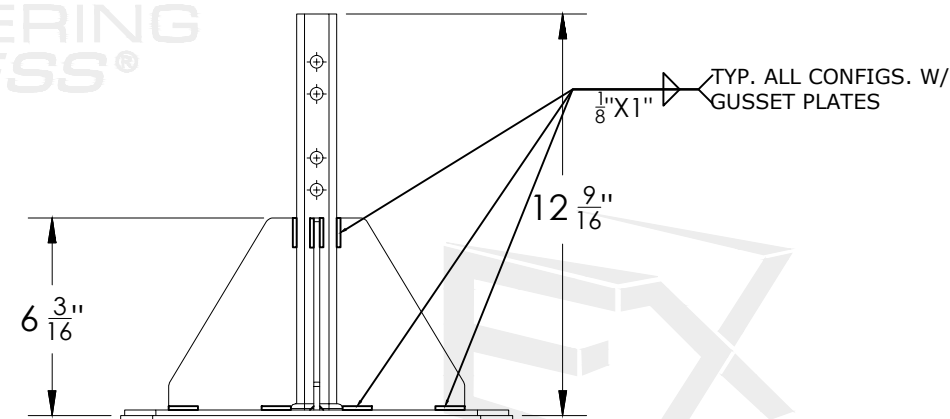
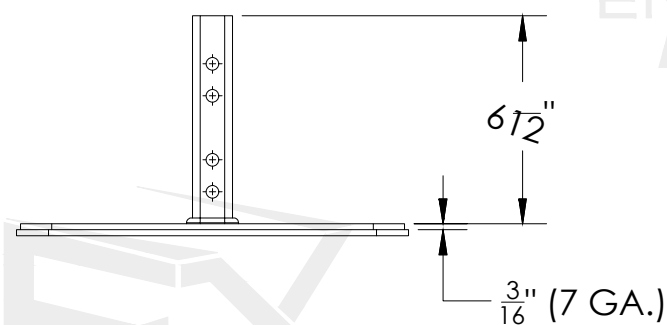
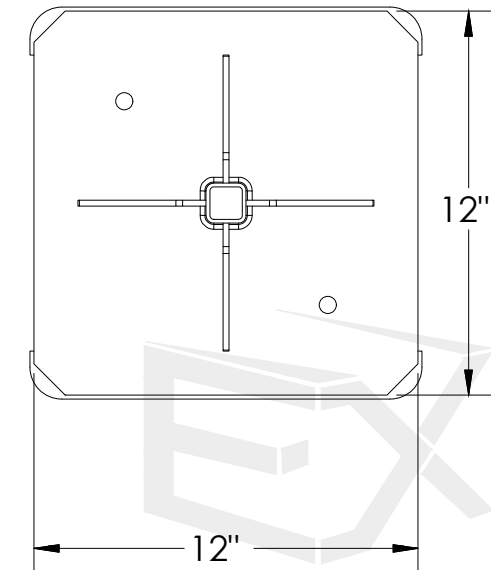
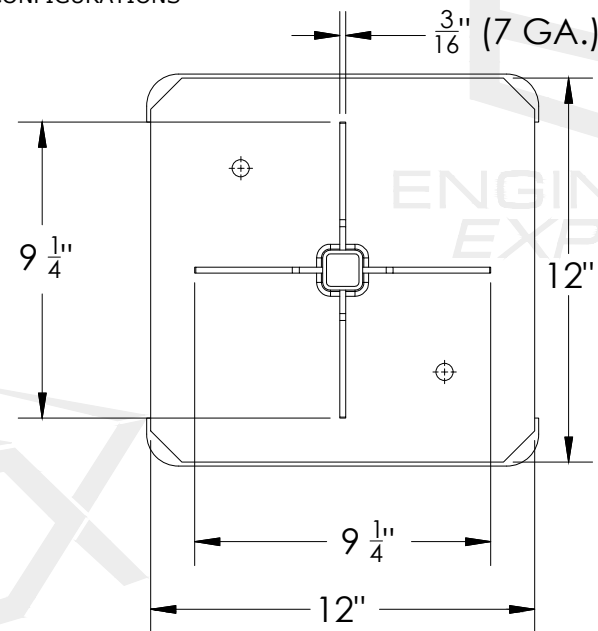
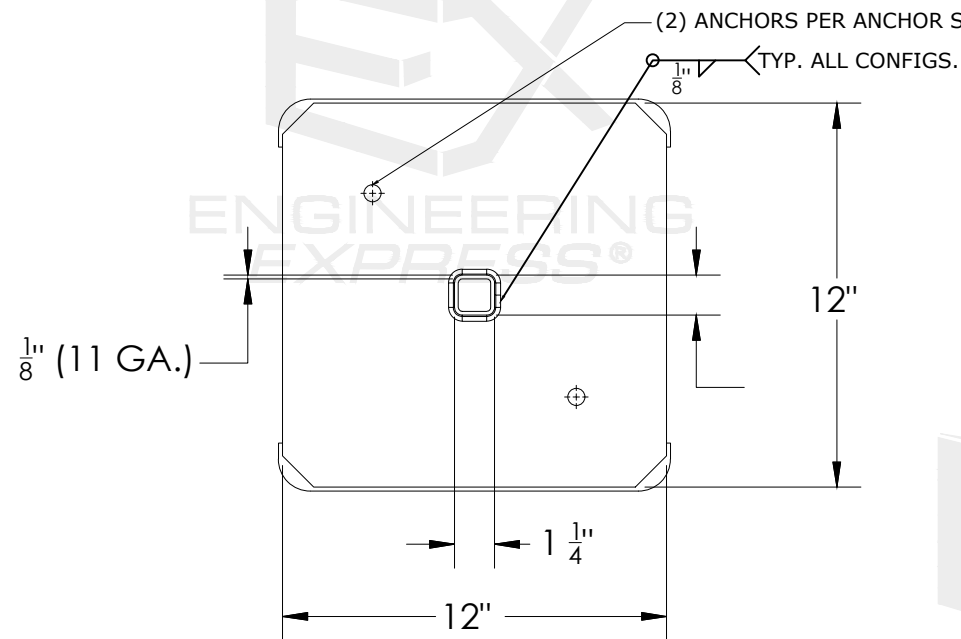
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18 IN FOOT

PART NO. (3)

ANCHOR TYPE	SUBSTRATE	DESCRIPTION
A	3.0 KSI CONCRETE	3/8" DEWALT SCREW BOLT W/ 2.5" EMBED., 4" MIN. EDGE DIST.
B	3.0 KSI CONCRETE	3/8" HILTI KWIK-BOLT W/ 2.5" EMBED., 4" MIN. EDGE DIST.
C	MIN. 3/16" THICK STEEL (A36 MIN.)	3/8" SAE GR 5 OR 316 SS UNC SCREW, 1.25" MIN. EDGE DIST.
D	MIN. 3/16" THICK STEEL (A36 MIN.)	3/8" SAE GR 5 OR 316 SS BOLT W/ STD SAE WASHERS, 1.25" MIN. EDGE DIST.

1. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS. PROVIDE STD SAE GR WASHERS, TYP.
2. ENSURE MINIMUM EDGE DISTANCE AS NOTED IN ANCHOR SCHEDULE FOR EACH ANCHOR.
3. ATTACHMENT TO WOOD HOST ROOF MEMBERS SHALL BE CERTIFIED ON A SITE SPECIFIC BASIS.
4. MINIMUM EMBEDMENT SHALL BE AS NOTED IN ANCHOR SCHEDULE. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES ROOFING FINISHES.
5. ALTERNATE ANCHORS MAY BE USED IN LIEU OF THE OPTION LISTED SO LONG AS THE FOLLOWING CONDITIONS ARE MET AND VERIFIED BY A DESIGN PROFESSIONAL:
 - 5.1. MINIMUM ALLOWABLE TENSION = 1200 LB (PER ANCHOR)
 - 5.2. MINIMUM ALLOWABLE SHEAR = 800 LB (PER ANCHOR)

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CONFIGURATION	PART 1	PART 2	PART 3	PART 4	PART 5	PART 6
QSMS3001-12EXT	MNT-A10-03-472	MNT-A10-03-468	MNT-A10-03-471	MNT-A10-03-473	SS102-12	EQUIPMENT PACKAGE
QSMS3001-12MEXT	MNT-A10-03-472MM	MNT-A10-03-468MM	MNT-A10-03-471MM	MNT-A10-03-473M	SS102-12M	EQUIPMENT PACKAGE
QSMS3001-18EXT	MNT-A10-03-472	MNT-A10-03-468	MNT-A10-03-471	MNT-A10-03-473	SS102-18	EQUIPMENT PACKAGE
QSMS3001-18MEXT	MNT-A10-03-472MM	MNT-A10-03-468MM	MNT-A10-03-471MM	MNT-A10-03-473M	SS102-18M	EQUIPMENT PACKAGE
QSMS3001-24EXT	MNT-A10-03-472	MNT-A10-03-468	MNT-A10-03-471	MNT-A10-03-473	SS102-24	EQUIPMENT PACKAGE
QSMS3001-24MEXT	MNT-A10-03-472MM	MNT-A10-03-468MM	MNT-A10-03-471MM	MNT-A10-03-473M	SS102-24M	EQUIPMENT PACKAGE

REMARKS:

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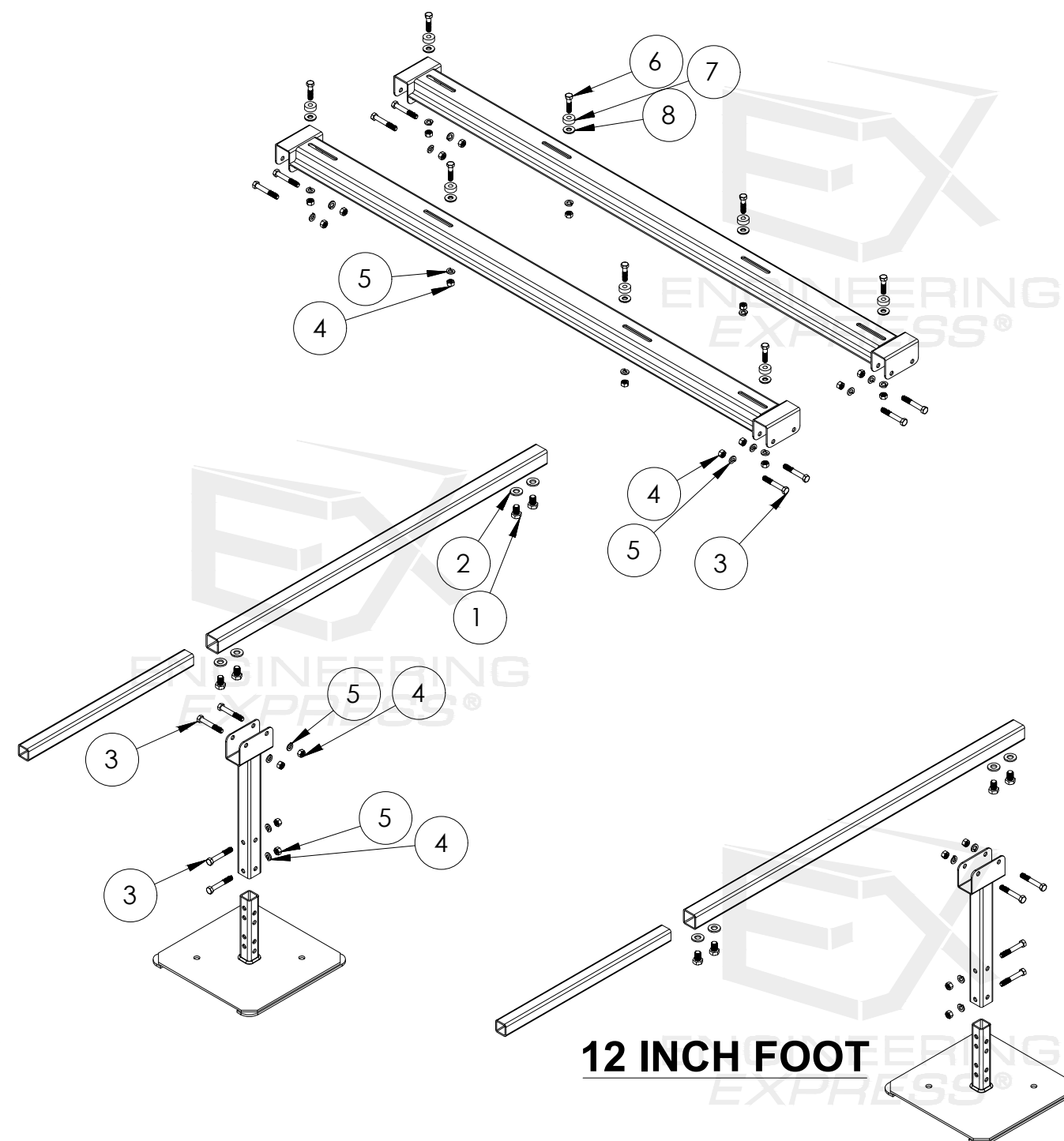
QUICKSLING MINI-SPLIT SUPERSTAND
FLORIDA BUILDING CODE EIGHTH EDITION (2023)

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CONFIGURATION	HARDWARE KIT	PART 1	PART 2	PART 3	PART 4	PART 5	PART 6	PART 7	PART 8
QSMS3001-12EXT	HDKSS04	1/4-20X1/2 IN ZINC HEX BOLT	1/2 IN ZINC WASHER	3/8-16X2 1/2 IN GALVANIZED BOLT	3/8-16 GALVANIZED HEX NUT	3/8 IN SPLIT WASHER GALV	3/8-16X1 1/2 IN GALVANIZED BOLT	1 X 3/8 X 3/8 IN RUBBER WASHER	3/8 IN BONDED WASHER
QSMS3001-12MEXT	HDKSS04	1/4-20X1/2 IN ZINC HEX BOLT	1/2 IN ZINC WASHER	3/8-16X2 1/2 IN GALVANIZED BOLT	3/8-16 GALVANIZED HEX NUT	3/8 IN SPLIT WASHER GALV	3/8-16X1 1/2 IN GALVANIZED BOLT	1 X 3/8 X 3/8 IN RUBBER WASHER	3/8 IN BONDED WASHER

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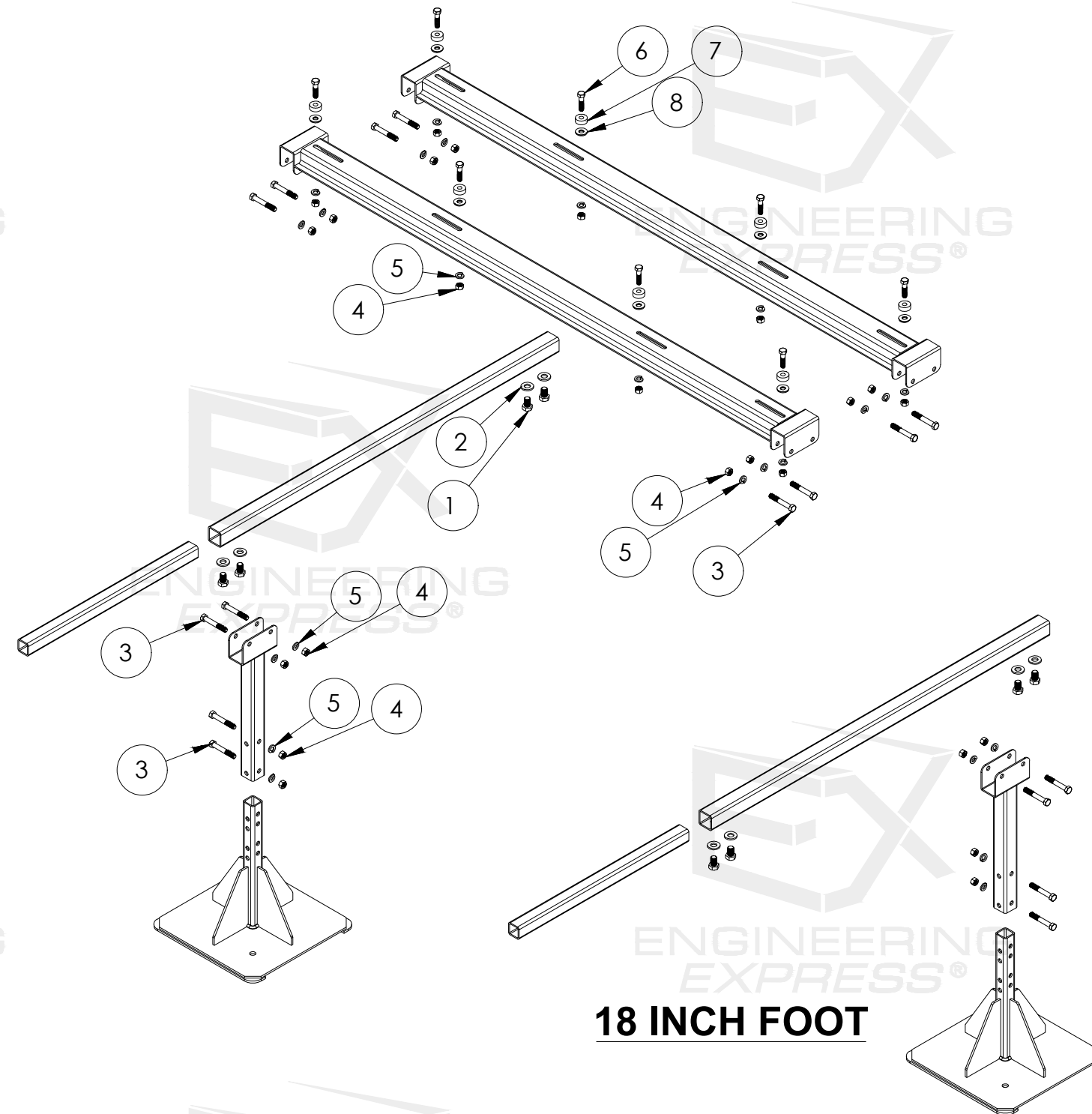
FLORIDA STATEWIDE APPROVAL

REMARKS	DRWN	CHKD	DATE
INIT ISSUE	RN	RN	4-1-2024
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18 INCH FOOT

CONFIGURATION	HARDWARE KIT	PART 1	PART 2	PART 3	PART 4	PART 5	PART 6	PART 7	PART 8
QSMS3001-18EXT	HDKSS04	1/4-20X1/2 IN ZINC HEX BOLT	1/2 IN ZINC WASHER	3/8-16X2 1/2 IN GALVANIZED BOLT	3/8-16 GALVANIZED HEX NUT	3/8 IN SPLIT WASHER GALV	3/8-16X1 1/2 IN GALVANIZED BOLT	1 X 3/8 X 3/8 IN RUBBER WASHER	3/8 IN BONDED WASHER
QSMS3001-18MEXT	HDKSS04	1/4-20X1/2 IN ZINC HEX BOLT	1/2 IN ZINC WASHER	3/8-16X2 1/2 IN GALVANIZED BOLT	3/8-16 GALVANIZED HEX NUT	3/8 IN SPLIT WASHER GALV	3/8-16X1 1/2 IN GALVANIZED BOLT	1 X 3/8 X 3/8 IN RUBBER WASHER	3/8 IN BONDED WASHER

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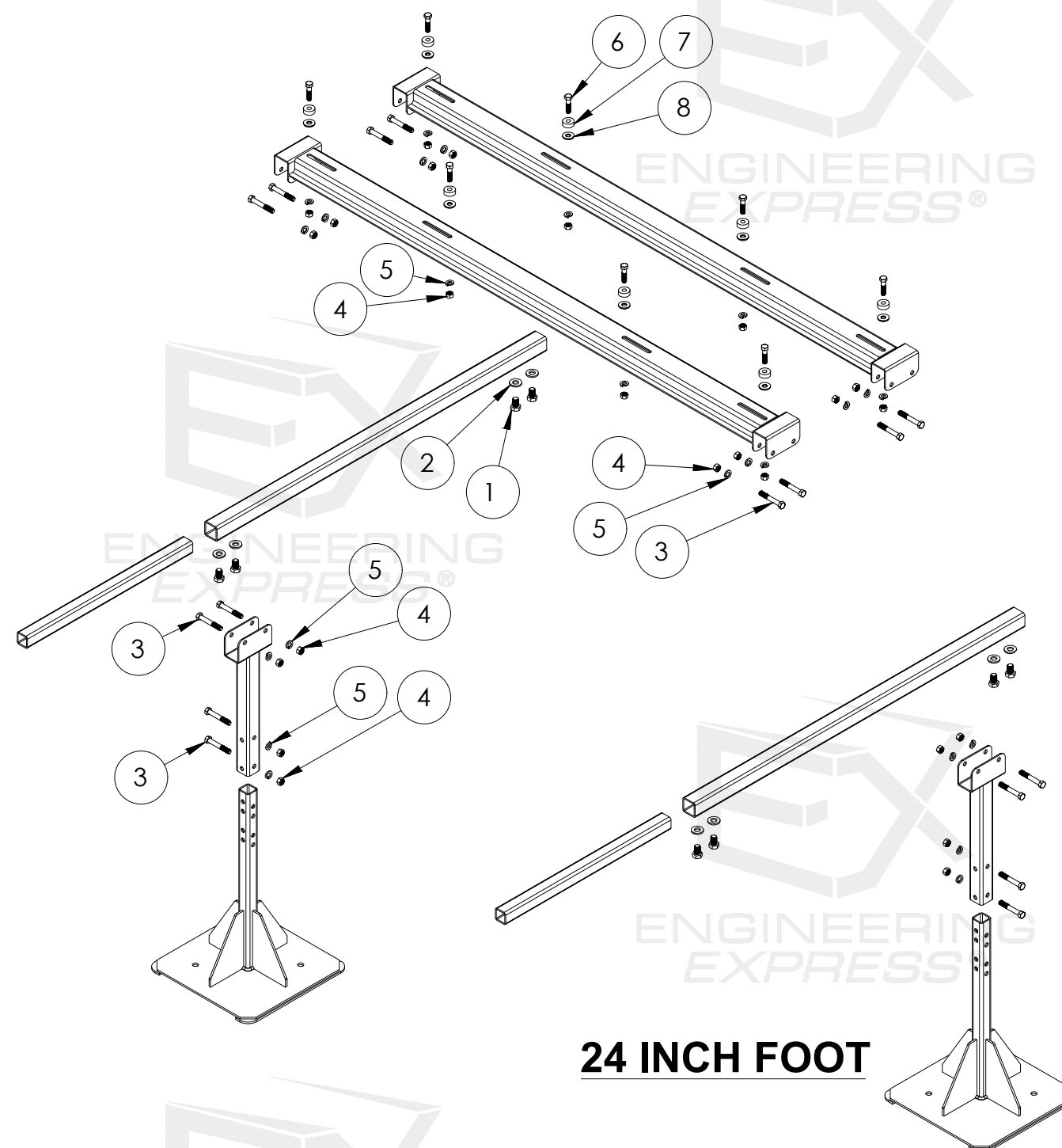
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24 INCH FOOT

CONFIGURATION	HARDWARE KIT	PART 1	PART 2	PART 3	PART 4	PART 5	PART 6	PART 7	PART 8
QSMS3001-24EXT	HDKSS04	1/4-20X1/2 IN ZINC HEX BOLT	1/2 IN ZINC WASHER	3/8-16X2 1/2 IN GALVANIZED BOLT	3/8-16 GALVANIZED HEX NUT	3/8 IN SPLIT WASHER GALV	3/8-16X1 1/2 IN GALVANIZED BOLT	1 X 3/8 X 3/8 IN RUBBER WASHER	3/8 IN BONDED WASHER
QSMS3001-24MEXT	HDK2204	1/4-20X1/2 IN ZINC HEX BOLT	1/2 IN ZINC WASHER	3/8-16X2 1/2 IN GALVANIZED BOLT	3/8-16 GALVANIZED HEX NUT	3/8 IN SPLIT WASHER GALV	3/8-16X1 1/2 IN GALVANIZED BOLT	1 X 3/8 X 3/8 IN RUBBER WASHER	3/8 IN BONDED WASHER