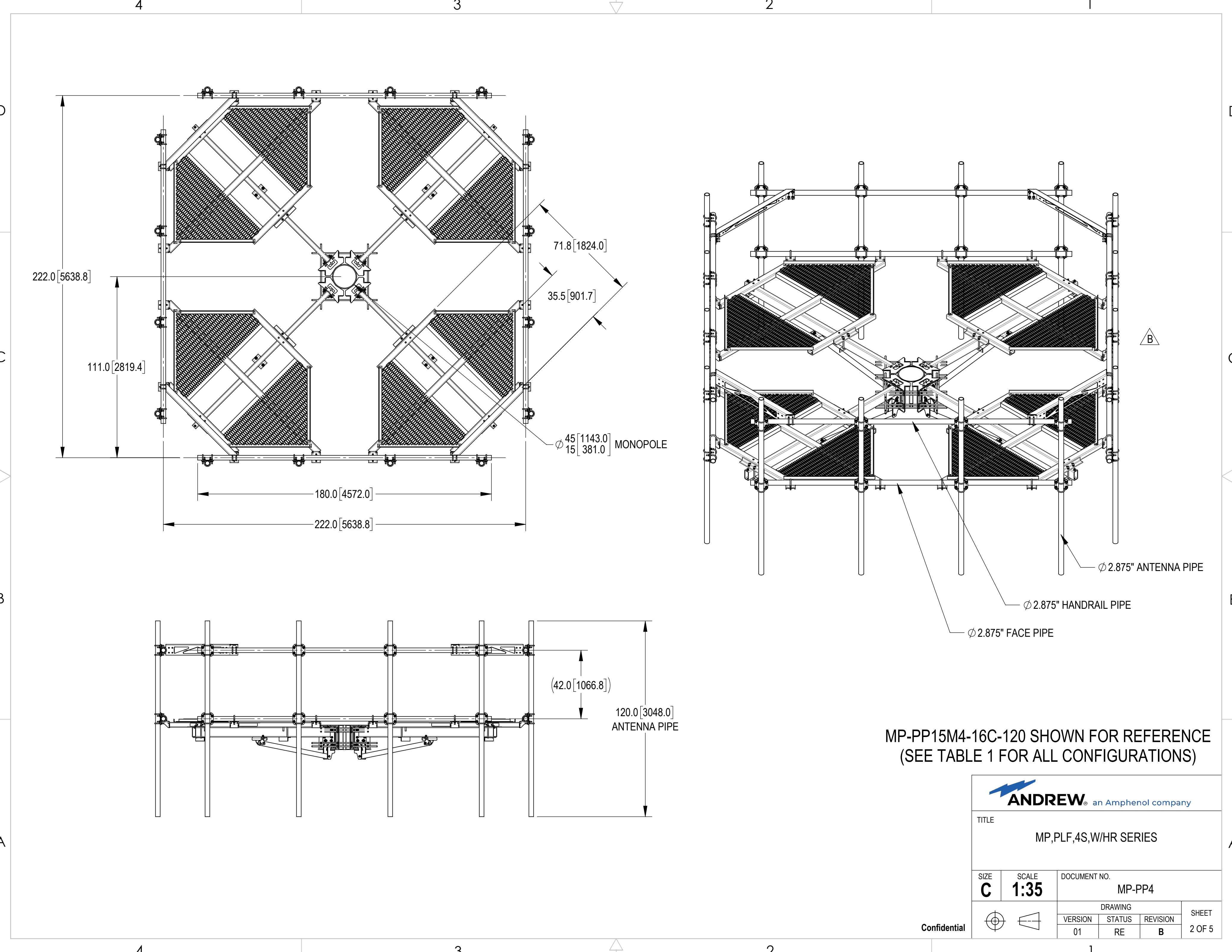


5.3 EXTRA HARDWARE MAY BE SUPPLIED, BAGGED AND SHIPPED

TOP 3



MP-PP15M4-16C-120 SHOWN FOR REFERENCE
(SEE TABLE 1 FOR ALL CONFIGURATIONS)

				
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PART NUMBERS, WEIGHTS, & EPA

TABLE 1: CONFIGURATIONS																		
PART NUMBER	DESCRIPTION	WEIGHT (LBS)	(EPA)A (FT^2)*	(EPA)A 1/2" ICE THICKNESS (FT^2)*	ANTENNA PIPES	INCLUDED PARTS												
						MC-RMHD-1245-4	MP-PP4M-SB01	MP-PP4M-SB02	RK-48-4MK	RK-60-4MK	MPPP4-HK01	MT546156	MT546180	HRK4-13-B	HRK4-15-B	XP-2525-12	XP-2525-8	MT546120
MP-PP13M4-B	MP,PLF,4S,13'FP,NOAP,W/HR	3180.60	60.93	75.62	-	1	1	-	1	-	1	4	-	1	-	-	-	-
MP-PP13M4-12C-120	MP,PLF,4S,13'FP,(12)120"AP,W/HR	4070.92			12	1	1	-	1	-	1	4	-	1	-	2	-	12
MP-PP13M4-16C-120	MP,PLF,4S,13'FP,(16)120"AP,W/HR	4367.69			16	1	1	-	1	-	1	4	-	1	-	-	4	16
MP-PP15M4-B	MP,PLF,4S,15'FP,NOAP,W/HR	3614.55	72.87	90.49	-	1	-	1	-	1	1	-	4	-	1	-	-	-
MP-PP15M4-16C-120	MP,PLF,4S,15'FP,(16)120"AP,W/HR	4801.64			16	1	-	1	-	1	1	-	4	-	1	-	4	16
MP-PP15M4-20C-120	MP,PLF,4S,15'FP,(20)120"AP,W/HR	5098.41			20	1	-	1	-	1	1	-	4	-	1	-	5	20

* (EPA)A DOES NOT INCLUDE ANTENNA PIPES AND MOUNTING HARDWARE. IF DESIRED, ADD ANTENNA PIPE PER TABLE 2

TABLE 2: EPA OF EACH ANTENNA PIPE		
ANTENNA PIPE	(EPA)A (FT^2)	(EPA)A W/ 1/2" ICE THICKNESS (FT^2)
2-7/8" X 120"	2.30	3.10

NOTE:
1. ANTENNA PIPES ARE CONSIDERED SEPARATELY.
2. KA FACTOR OF 4-SECTOR EPA INCLUDED.
3. COMBINE THE ASSOCIATED EPA VALUES IN THE TABLES ABOVE TO DETERMINE THE EPA OF A MOUNT MODEL WITH A LISTED MOUNT PIPE CONFIGURATION.
FOR EXAMPLE, MP-PP13M4-12C-120 HAS A 4-SECTOR EPA OF 60.93 FT2 WITH NO ICE PLUS 12 ANTENNA PIPES WITH A 4-SECTOR EPA OF 12X2.30=27.60 FT2 WITH NO ICE.
SO, THE TOTAL EPA OF 88.53 FT2 FOR THE MP-PP13M4-12C-120.



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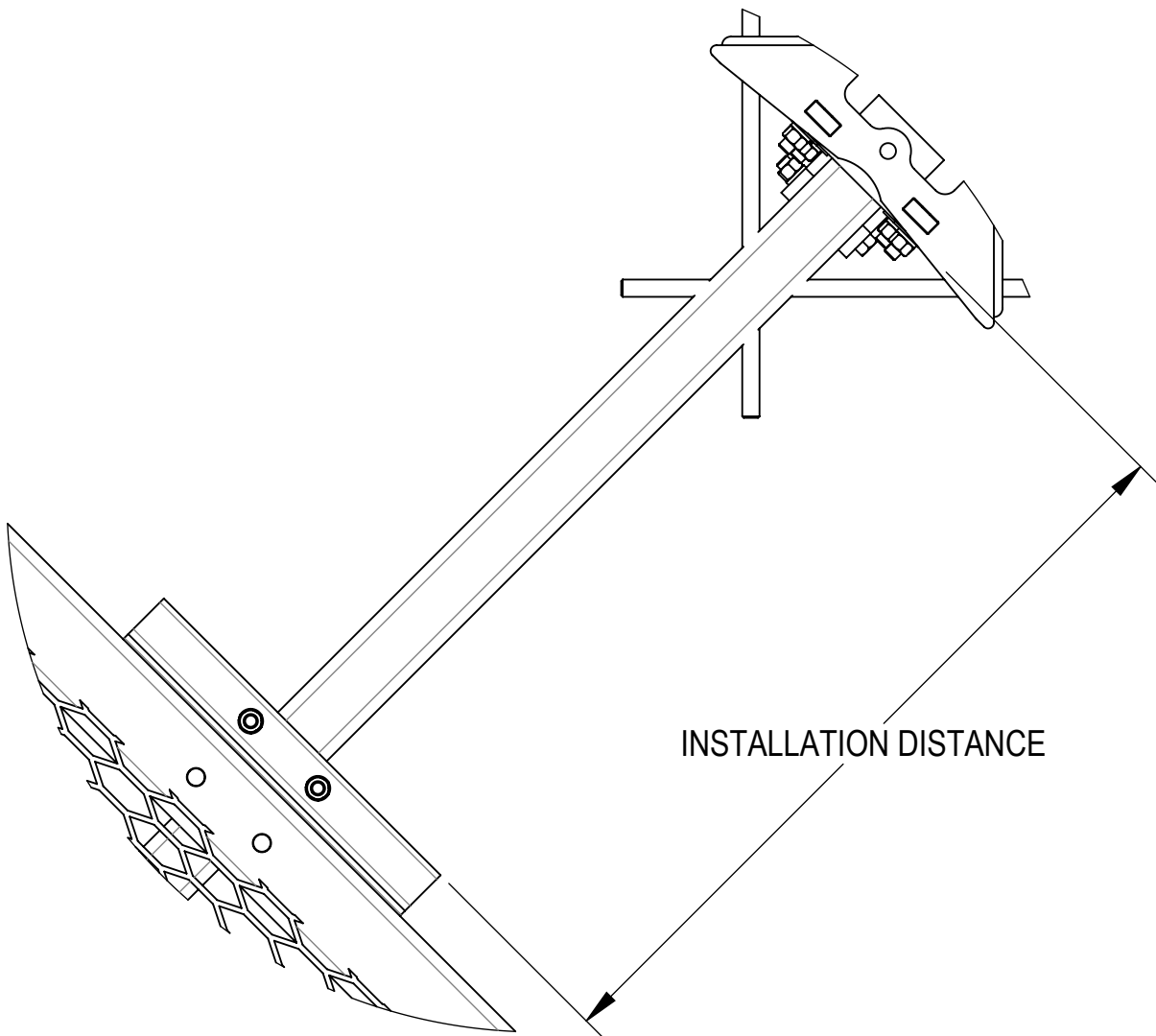
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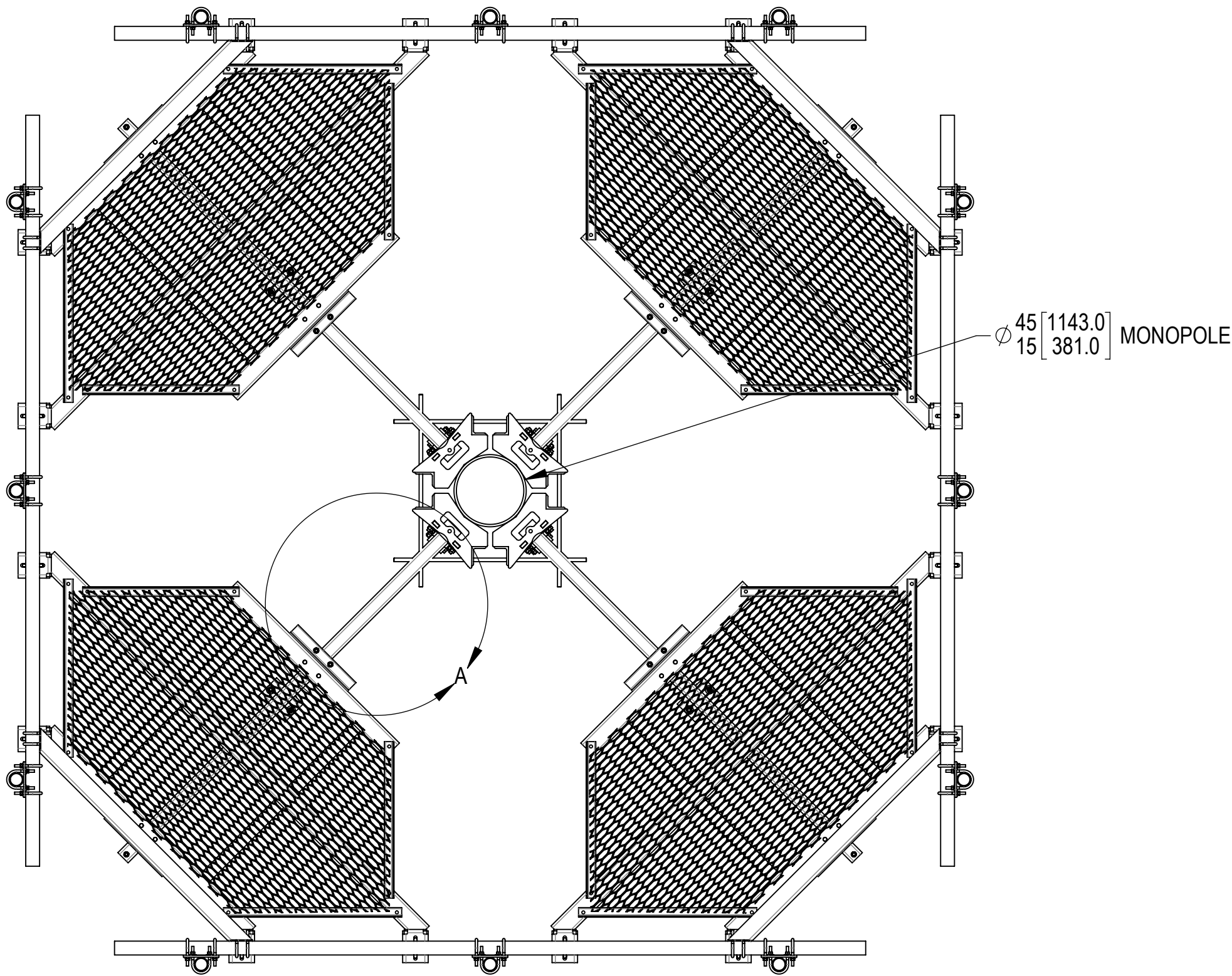
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MP-PP13M4 SERIES PLATFORM FOR INSTALLATION

ADJUST THE INSTALLATION DISTANCE ACCORDING TO THE DIAMETER OF THE MONOPOLE WHEN INSTALL PLATFORM MP-PP4-2000-00.
SEE TABLE 3 DETAIL FOR THE DISTANCE ADJUSTED.



DETAIL A
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MP-PP13M4-12C-120 SHOWN FOR REFERENCE
(SEE TABLE 1 FOR ALL CONFIGURATIONS)

TABLE 3: PLATFORM INSTALLATION POSITION

DIAMETER OF MONOPOLE (INCH)	DISTANCE (INCH)	DIAMETER OF MONOPOLE (MM)	DISTANCE (MM)
15.0	34.05	381.0	864.87
17.5	32.78	444.5	832.49
20.0	31.50	508.0	800.10
22.5	30.23	571.5	767.72
25.0	28.95	635.0	735.33
27.5	27.68	698.5	702.95
30.0	26.40	762.0	670.56
32.5	25.13	825.5	638.18
35.0	23.85	889.0	605.79
37.5	22.58	952.5	573.41
40.0	21.30	1016.0	541.02
42.5	20.03	1079.5	508.64
45.0	18.75	1143.0	476.25

NOTE: FOR MONOPOLE DIAMETERS THAT ARE NOT IN THE TABLE, USE BELOW FORMULA TO GET THE VALUE OF THE ADJUSTMENT:
DISTANCE OF ADJUSTMENT = 41.70-0.51*D (INCH), WHERE D(INCH) IS THE DIAMETER OF MONOPOLE



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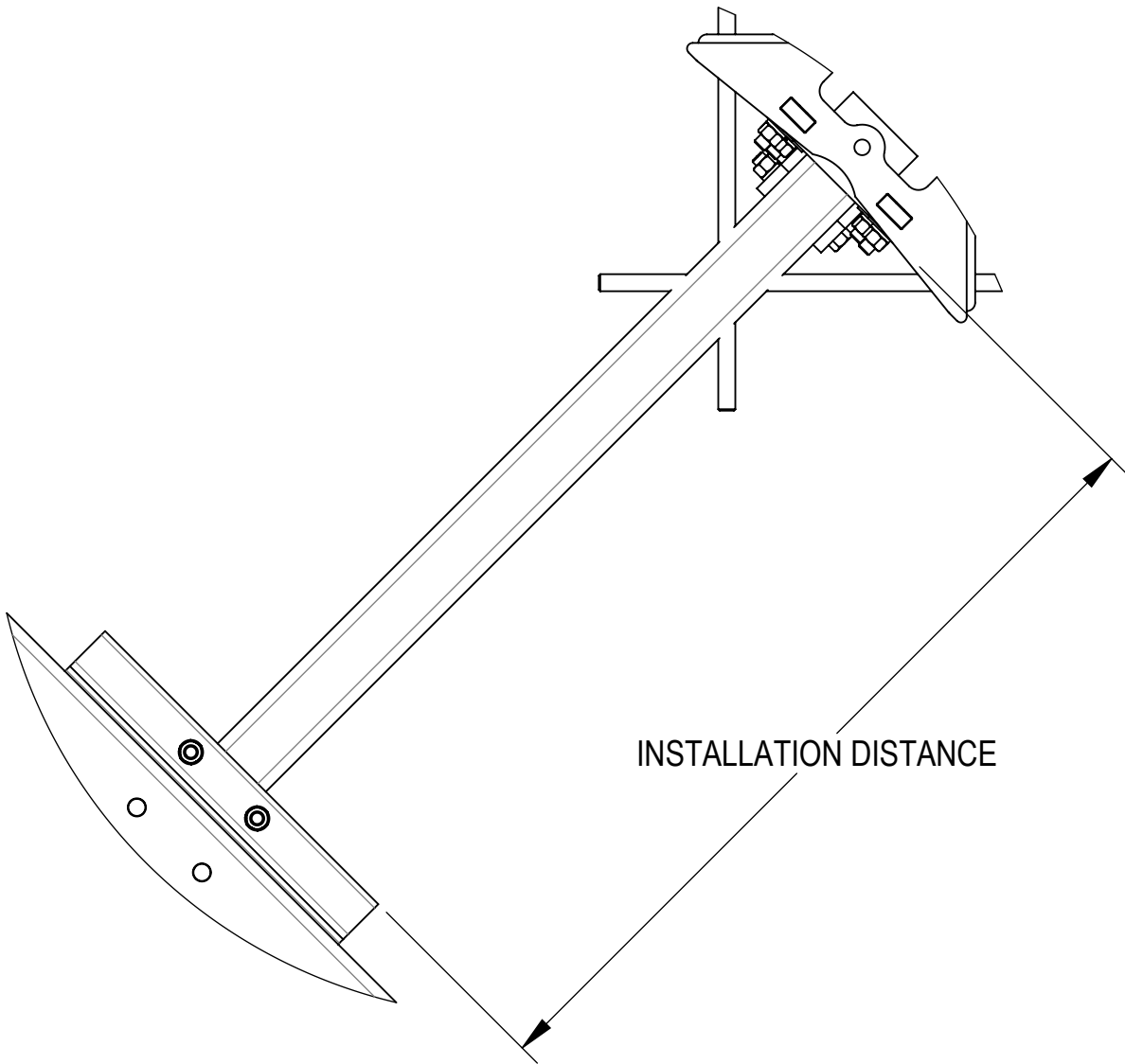


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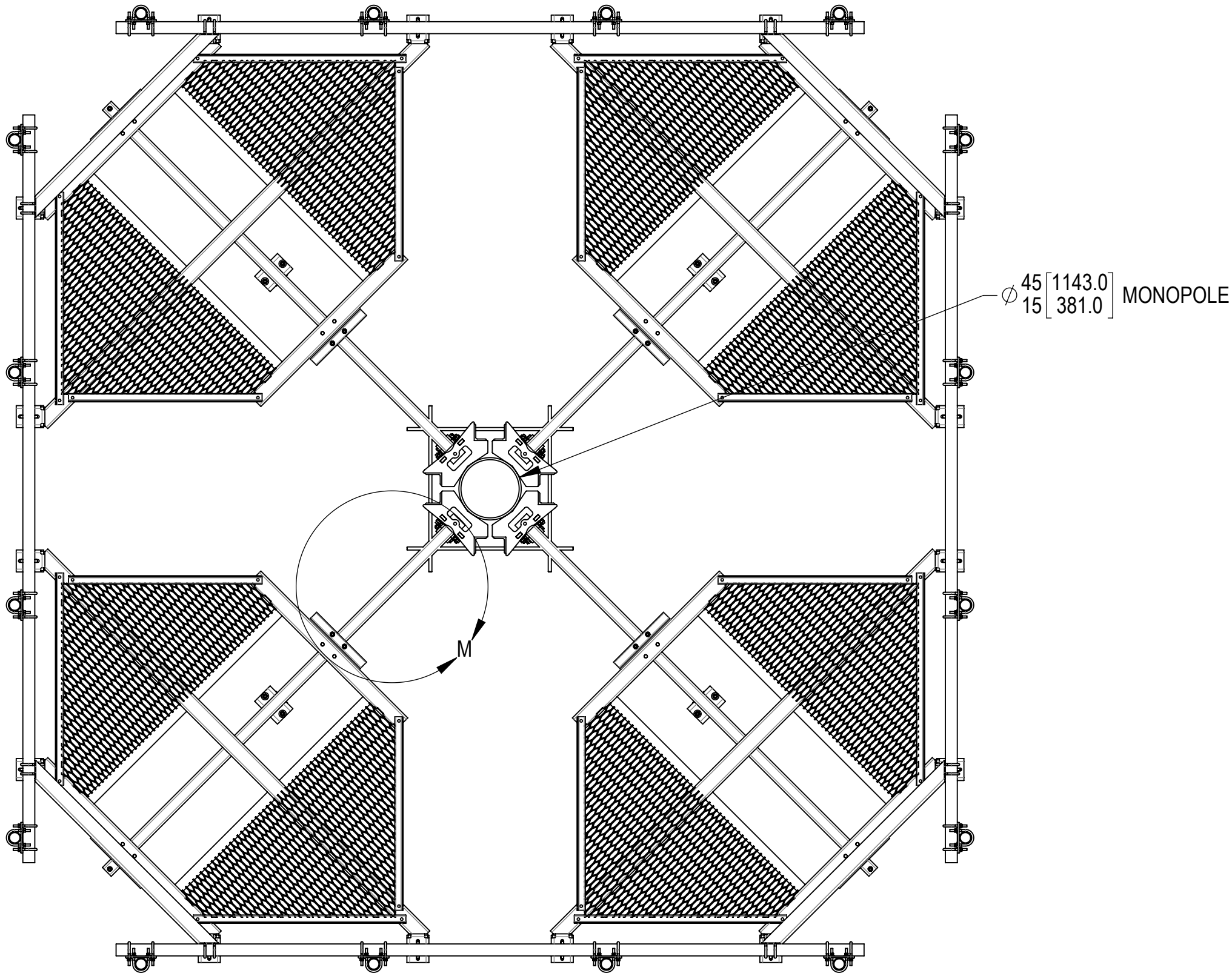
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MP-PP15M4 SERIES PLATFORM FOR INSTALLATION

ADJUST THE INSTALLATION DISTANCE ACCORDING TO THE DIAMETER OF THE MONOPOLE WHEN INSTALL PLATFORM MP-PP4-4000-00.
SEE TABLE 3 DETAIL FOR THE DISTANCE ADJUSTED.



DETAIL M
SCALE 1 : 8



MP-PP15M4-16C-120 SHOWN FOR REFERENCE
(SEE TABLE 1 FOR ALL CONFIGURATIONS)

TABLE 3: PLATFORM INSTALLATION POSITION

DIAMETER OF MONOPOLE (INCH)	DISTANCE (INCH)	DIAMETER OF MONOPOLE (MM)	DISTANCE (MM)
15.0	36.68	381.0	931.67
17.5	35.41	444.5	899.29
20.0	34.13	508.0	866.90
22.5	32.86	571.5	834.52
25.0	31.58	635.0	802.13
27.5	30.31	698.5	769.75
30.0	29.03	762.0	737.36
32.5	27.76	825.5	704.98
35.0	26.48	889.0	672.59
37.5	25.21	952.5	640.21
40.0	23.93	1016.0	607.82
42.5	22.66	1079.5	575.44
45.0	21.38	1143.0	543.05

NOTE: FOR MONOPOLE DIAMETERS THAT ARE NOT IN THE TABLE, USE BELOW FORMULA TO GET THE VALUE OF THE ADJUSTMENT:
DISTANCE OF ADJUSTMENT = 44.33-0.51*D (INCH), WHERE D(INCH) IS THE DIAMETER OF MONOPOLE



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