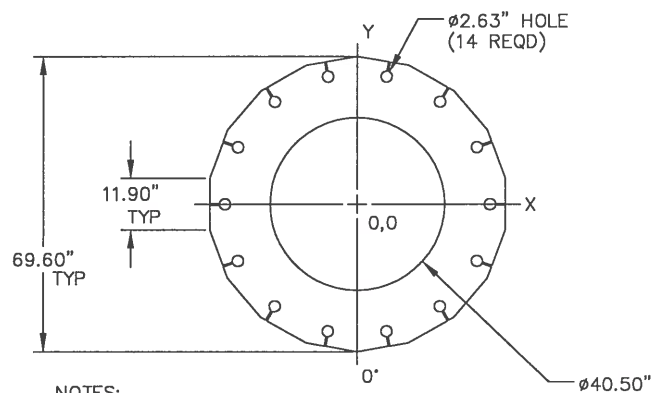


ITEM ID	NO. REQD	FEATURES	UNIT WEIGHT(LBS)	WEIGHT (LBS)
1	1	SECTION A VALMONT S-22 0.438" THK (A572 GR65)	11,594	11,594
2	1	SECTION B VALMONT S-22 0.375" THK (A572 GR65)	5,569	5,569
3	1	SECTION C VALMONT S-22 0.313" THK (A572 GR65)	4,358	4,358
4	1	BOTTOM CAGE PLATE	124	124
5	14	2.25" ANCHOR BOLT, LENGTH=6.00' A615 GR75	110	1,535
6	1	BASE PLATE VALMONT S-56 2.750" THK (A572 GR50)	2,189	2,189
7	1	12' SP1 LP PLATFORM	1,143	1,143
8	1	12' SP1 LP PLATFORM	1,143	1,143
9	1	12' SP1 LP PLATFORM	1,143	1,143
10	1	12' SP1 LP PLATFORM	1,143	1,143
	1	TOP CAGE PLATE (REMOVE BEFORE SETTING POLE)	162	162
	1	SAFETY CLIMBING CABLE (LENGTH = 119.00')	97	97
	3	GROUNDING LUG	2	6
		GALVANIZING	395	395
	94	STEP AND CLIP (VALMONT STANDARD)	1	47
11	2	HAND HOLE HVY (9" x 24")	66	132
12	2	HAND HOLE HVY (9" x 24")	66	132
13	2	HAND HOLE HVY (6" x 12")	26	52
14	3	HAND HOLE STD (6" x 18")	18	54
15	3	HAND HOLE STD (6" x 18")	18	54
16	3	HAND HOLE STD (6" x 18")	18	54
17	3	HAND HOLE STD (6" x 18")	18	54
	1	POLE CAP	22	22

HOLE COORDS (INCHES)	
X-COORD	Y-COORD
30.75	0.00
27.70	13.34
19.17	24.04
6.84	29.98



- NOTES:
1. BASE PLATE THICKNESS = 2.750"
 2. BASE PLATE ALLOWABLE STRESS (KSI) = 50
 3. ANGLES ARE MEASURED CLOCKWISE FROM 0 DEGREES
 4. MAXIMUM BOLT CIRCLE DIAMETER = 61.50"
 5. MAXIMUM CAGE TEMPLATE DIAMETER = 67.50"

BASE PLATE / ANCHORAGE CHARACTERISTICS

NOTES:

1. FACTORED REACTIONS FOR FOUNDATION DESIGN.
 MOMENT = 66,727 IN-KIPS
 SHEAR = 56,454 #
 VERTICAL = 40,717 #
2. GALVANIZED PER ASTM A-123.
3. DESIGN CRITERIA: ANSI/TIA 222-G ADDENDUM 2
4. THIS STRUCTURE HAS BEEN DESIGNED FOR THE FOLLOWING LOADING:
 EXPOSURE CATEGORY = C
 STRUCTURE CLASSIFICATION = 2
 TOPOGRAPHY CATEGORY = 1
 WIND LOAD CASES ARE BASED ON 3 SECOND GUST AND 50 YEAR WIND RETURN PERIOD
 A. CASE 1: WIND = 131 MPH WIND SPEED
 B. CASE 2: WIND = 60 MPH WIND SPEED
 C. EQUIPMENT

DESCRIPTION	MTG HT. (FT)	CENTROID HT. (FT)	WITHOUT ICE EPA WT (FT**2)	ICE WT (LBS)
2-CAMERAS CCTV-PTZ	64.00	64.00	10.00	200
1-4FT LIGHTNING ROD	129.00	131.00	0.25	10
12-SBNH-1D6565B	129.00	129.00	72.00	828
6-ANDREW E15S09P49	129.00	129.00	2.82	132
6-ERICSSON RRUS-11 (20"x17"x8")	129.00	129.00	11.22	330
1-RAYCAP DC6-48-60-18-F (24"x11")	129.00	130.00	1.03	25
1-12' SP1 LP PLATFORM	129.00	129.00	18.85	1143
9-X7C-FRO-840	119.00	119.00	98.01	936
3-X7CQAP-86-865-VRO	119.00	119.00	27.78	303
9-ERICSSON RRUS-11 (20"x17"x8")	119.00	119.00	16.83	495
3-RAYCAP DC6-48-60-18-F (24"x11")	119.00	120.00	3.09	75
1-12' SP1 LP PLATFORM	119.00	119.00	15.71	1143
6-HBX-3319DS-VTM	109.00	109.00	24.06	276
6-RRU (12" X 12" X 12")	109.00	109.00	5.76	300
1-12' SP1 LP PLATFORM	109.00	109.00	15.71	1143
6-PANEL (4.5' X 9" X 6")	99.00	99.00	22.92	402
9-RRUS11 (20" X 17" X 7")	99.00	99.00	14.49	450
1-12' SP1 LP PLATFORM	99.00	99.00	15.71	1143

5. FEEDLINES ARE PLACED INTERIOR TO POLE SHAFT (UNLESS NOTED OTHERWISE).
6. ELEVATIONS ARE MEASURED FROM TOP OF BASEPLATE (APPROX 1 FT AGL).
7. TOTAL POLE HEIGHT IS 130 FT AGL.
8. 131 MPH NOMINAL WIND SPEED IS EQUIVALENT TO A 169 MPH ULTIMATE WIND SPEED.

SECTION INFORMATION

ITEM ID	LENGTH	BASE OD	TOP OD	THK	MATL
1	53'- 0.00"	54.00"	39.47"	0.438"	A572 65 KSI
2	37'-11.00"	41.84"	31.44"	0.375"	A572 65 KSI
3	48'-11.00"	33.42"	20.00"	0.313"	A572 65 KSI

ORDER	PROJECT	FILE ID	SCALE	DATE	ENGR
338703		338703	NONE	06/16/17	DDC1

DESCRIPTION: EXPERT 129.0' (130' AGL) POLE, SITE: PORT OF PALM BEACH FL

338703

