



**MATERIAL REQ'D. PER ASSEMBLY**

GALV. WT.	QTY.	ITEM	MK. NO.	DESCRIPTION
--	1	(1)	--	SHAFT ASSY. (TOP) 13.60' LG.
--	1	(2)	--	SHAFT ASSY. (BOTTOM) 51.60' LG.
31.41	4	(3)	K11487	10" x 30" ACCESS PORT COVER PL.
		(4)		HARDWARE AS FOLLOWS:
6.87	9	(5)	K11087	6" x 12" HANDHOLE COVER PL.
2.69	2	(6)	K11153	5" x 7" HANDHOLE COVER PLATE
59.56	6	(7)	1.75-AB000E-4	1 3/4" x 8"-0" LG. (A615-0375) ANCHOR BOLTS
1.08	--	(8)	S10006	1/2" (1) HEX & (1) 3/8" SQUARE NUT EACH
		(9)		STRUCTURE ASSEMBLY AND ERECTION PROCEDURES:
		(10)		
		(11)		
		(12)		
		(13)		
		(14)		
		(15)		
78.93	2	(9)	6-40 25-175	SETTING TEMPLATE
0.40	12	(10)	CS13220	3/8" x KELLUMS HOOK ASSY.
231.03	2	(11)	K10461	UNIVERSAL BRACKET (10" TO 25" A.F.)
52.48	3	(12)	K10986	8"-6" LOW VISIBILITY ANTENNA MOUNT ASSEMBLY
7.50	1	(13)	K10062	BUSS BAR
--	12	(14)	--	8"-6" DIRECTIONAL ANTENNA MOUNTS
331.74	3	(15)	K10463	ANTENNA ARRAY ARM 2" 12'-0" SEPARATION
				PAINTED FINISH

TOTAL GALV. STR. & ACCES. WT. - # \_\_\_\_\_  
 TOTAL ANCHOR BOLT & TEMPLATE WT. - # 515.18#

**GENERAL NOTES**

- MONOPOLE IS DESIGNED IN ACCORDANCE WITH RA-222G AND ASCE 7 FOR 110 MPH 3-SECOND GUST WIND SPEED. STRUCTURE CLASSIFICATION - II. EXPOSURE - CATEGORY - I.
- ALL WELDS SHALL BE IN ACCORDANCE WITH AWS D1.1 (LATEST EDITION) LONGITUDINAL SEAM WELDS WITHIN SLIP-JOINT AREA IN FEMALE SECTION SHALL BE 100% PENETRATION.
- MONOPOLE SHALL BE HOT DIP GALVANIZED PER ASTM A123 AND THEN PAINTED BROWN TOUCH-UP PAINT NOT SUPPLIED.
- SECTIONS OF THE MONOPOLE SHALL BE JACKED TOGETHER WITH A MINIMUM JACKING FORCE OF 10,000 LB APPLIED TO EACH SIDE FOR A MAXIMUM RECOMMENDED JACKING FORCE, SPICE LENGTH TOLERANCE, AND AIR GAP BETWEEN SECTIONS REFER TO ERECTION PROCEDURE.
- THE ORIENTATION OF THE MONOPOLE SHALL BE VERIFIED PRIOR TO ERECTION OF THE POLE.
- FOR PROPER SHAFT ALIGNMENT A 2" HORIZONTAL WELD BEAD AND A MARK ARE POSITIONED ON EACH SHAFT AT EACH SPICE. THE 2" HORIZONTAL WELD BEAD ARE ON THE MATCHING CORNERS. THE MARK NUMBER IS ON THE ADJACENT FLAT. THE CORNERS WITH WELD BEAD SHALL BE ALIGNED FROM TOP TO BOTTOM OF THE POLE. MARK NUMBERS SHALL BE MATCHED FOR EACH SIDE & THE DISTANCE BETWEEN TWO WELD BEADS SHOULD BE 10" (14").
- FIELD ASSEMBLY NUTS (1\*) FOR JACKING SECTIONS TOGETHER ARE LOCATED ON OPPOSING SECTION FLATS ABOVE AND BELOW SPICES.
- GAP BETWEEN TOP OF THE FOUNDATION AND BOTTOM OF THE BASE PLATE MAY BE FILLED WITH A NON-SHRINK GROUT WITH A MINIMUM COMPRESSIVE STRENGTH OF F=3000 PSI. WATER DRAINAGE MUST BE PROVIDED UNDERNEATH THE BASE PLATE TO ENSURE THAT MOISTURE DOES NOT COLLECT INSIDE THE MONOPOLE.
- ALL BOLTED CONNECTIONS WITH A255 HIGH-STRENGTH BOLTS SHALL BE ASSEMBLED IN ACCORDANCE WITH SPECIFICATIONS FOR STRUCTURAL JOINTS USING A255 OF A490 BOLTS. BOLTS SHALL BE BROUGHT TO SPECIFIED TIGHTNESS AS RECOMMENDED BY THE FLANGE SPECIFICATIONS IN THE JOINTS AND SHOULD BE SHIMMED IF NECESSARY. THE SHIMS WILL BE SUPPLIED BY EEI.
- ANCHOR BOLTS SHALL BE TIGHTENED AFTER THE STRUCTURE IS PLUMB BOTH TOP & BOTTOM NUT SHALL BE TIGHTENED TO 260 FT-LBS MOMENT FOR DETAIL ANCHOR BOLT INSTALLATION REFER TO EEI ASSEMBLY AND ERECTION PROCEDURE.
- POLE TAPER = 0.2670in/ft.



0	COMPLETED APPROVAL DWG	N/N	MCT	PROJECT NO.	16430
1	DATE	DATE	DATE	DRAWING NO.	C557716

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62'-0" MONOPOLE  
 CLEARWIRE  
 SONS OF ITALY  
 MA-B055260A  
 WYOMOUTH, MA

NOTE: ALL ELEVATIONS SHOWN FROM BOTTOM OF BASE PLATE UNLESS OTHERWISE NOTED.

ERECTION VIEW SCALE NONE

ASSEMBLY MARKING PROCEDURE  
 EACH MEMBER/ASSEMBLY SHALL HAVE A METAL TAG WELDED TO IT WHICH WILL BE ENGRAVED WITH THE ASSEMBLY MARK NO. AS SHOWN IN THE MATERIAL BLOCK. (MINIMUM OF 3/8" HIGH LETTERS)

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EEI WILL NOT HONOR ANY BACKCHARGES WHICH HAVE NOT RECEIVED PRIOR WRITTEN AUTHORIZATION phone (440) 564-5484