

EXHIBIT B
(Tower Description)

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FOR APPROVAL

Please Sign & Return

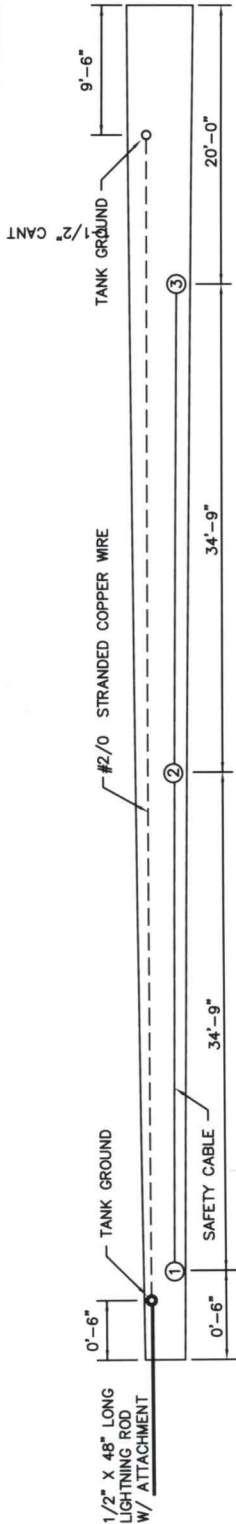
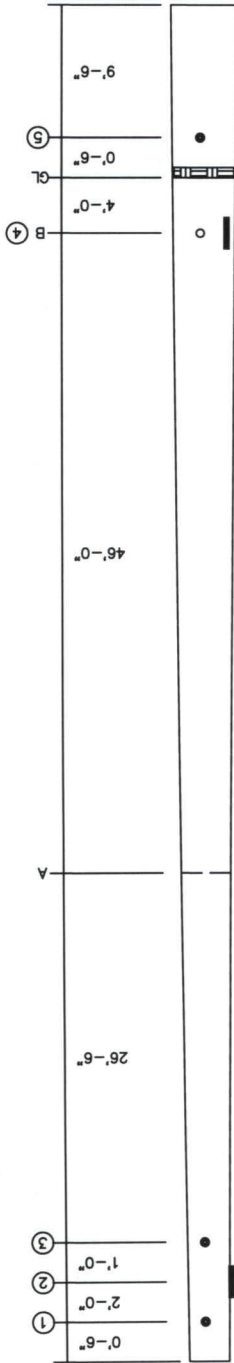
Approved _____

Date _____

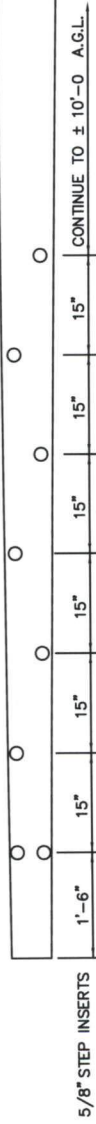
MATERIALS LIST

STRAND	1/2" IN.	1110	FT.
SPIRAL	3/16" IN.	206	LB.
STR. RINGS		26	LB.
REBAR			EA.
INSERTS			EA.
1/2" W/BOLT		3	EA.
5/8"		61	EA.
3/4"			EA.
1/2" NYLON W/BOLT			EA.
5/8" NYLON W/BOLT			EA.
STEP BOLTS	5/8" IN.	61	EA.
LADDER CLIPS			EA.
LADDER LUGS			EA.
GND CLIPS			EA.
NAME PLATE	#	1	EA.
2 1/2" X 8" DOOR		1	EA.
4" X 8" DOOR		1	EA.
4" X 8" DOOR W/RUB.CVR.			EA.
2" X 4" BLOCKOUT			EA.
2 1/2" X 8" BLOCKOUT			EA.
4" X 8" BLOCKOUT			EA.
4" X 12" BLOCKOUT			EA.
6" X 12" BLOCKOUT			EA.
WIRE SUPPORT BAR		1	EA.
1" COUPLING			EA.
1-1/2" COUPLING			EA.
2" COUPLING			EA.
TANK GROUND		3	EA.
COPPER WIRE	# 2/0	10	FT.
LIGHTNING ROD		1	EA.
LIGHTNING ROD ATT.		1	EA.
SAFETY CABLE		72	FT.
SAFETY CABLE HARDWARE		1	EA.
SAFETY BELT-TOTAL JOB			EA.
QUICK STOP-TOTAL JOB			EA.
SPECIAL HARDWARE:			

STEP BOLTS, SAFETY CABLE AND
4" LIGHTNING ROD SUPPLIED BY
VALMONT



- TOP CABLE ANCHOR IS PLACED IN THRU HOLE IN GALV. STEEL ANGLE AND ATTACHED TO INSERT W/ 3/4" BOLT. CABLE IS PUSHED INTO OPENING OF ANCHOR TO LOCK IN PLACE
- CABLE STAY - URETHANE BODY W/ INTEGRAL STUD AND JAM NUT TO BE INSERTED INTO 3/4" INSERT LOCATED IN MID CABLE SPAN
- BOTTOM CABLE ANCHOR W/ GALV. STEEL ANGLE, STAINLESS STEEL COMPRESSION SPRING AND 3/4" BOLT TO ATTACH ASSEMBLY TO BOTTOM INSERT



INSTALL WORKING STEP INSERTS AT 5'0" FROM TIP OF POLE

- 1 1/2" TANK GROUND
- 2-1/2" X 8" /BAR DOOR
- 4" X 8" DOOR

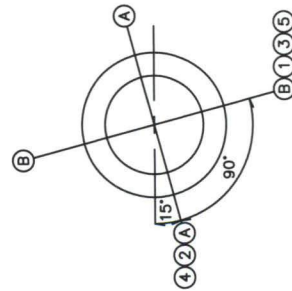
- ALL HOLES ARE 1-1/2" PU DIA. UNLESS NOTED
- 1/2" X 48" LONG
- PROVIDE VENT HOLES APPROX 10' FROM TIP & 5' AGL

valmont NEWMARK

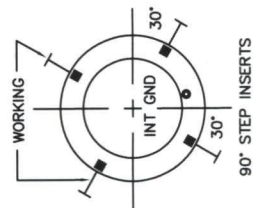
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POLE WEIGHT ESTIMATED ON DRAWING
FOR ACTUAL WEIGHT SEE MANUFACTURE ON POLE

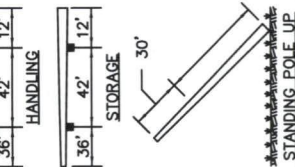
THRU HOLE ORIENTATION



INSERT ORIENTATION



LARGE NAME PLATE



STR. NO.	TYPE	COMM.
LENGTH	90'-0" /10' EMB	
WEIGHT	16358	
CLASS	414	
FABR. NO.	4P223-01-1...3	
MFG. DATE	JTS	
CUSTOMER	JTS	

REV	DATE	BY	REMARKS
1			
2			
3			
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9			
10			

UTILITY DIVISION, VALMONT INDUSTRIES, INC.

JTS	COMM	POLES
DRAWN BY:	JG	DATE: 8-5-2015
CHECKED BY:		APPROVED BY:
POLE LENGTH	90'-0"	EST. WEIGHT LBS.
O.D. TIP	8.91"	CUBIC YARDS
O.D. BUTT	28.35"	CONCRETE P.S.I.
TIP THICKNESS	2.50"	ULT. MOMENT K-FT.
BUTT THICKNESS	3.58"	EMBEDMENT
STRAND	12 EA. 1/2"-270KSI	C.G. FROM BUTT
PRESTRESS LBS.	17840	TAPER IN./FT.
DEBOND	2 AT 4'	
SPIRAL WIRE	DIA. = 3/16"	P.O. NO.
TIP - 3'-0"	PITCH = 1.25	QUANTITY
3'-0" - G.L.	PITCH = 3.00	FABR. NO.
G.L. - BUTT	PITCH = 1.25	4P223-01-1...3