

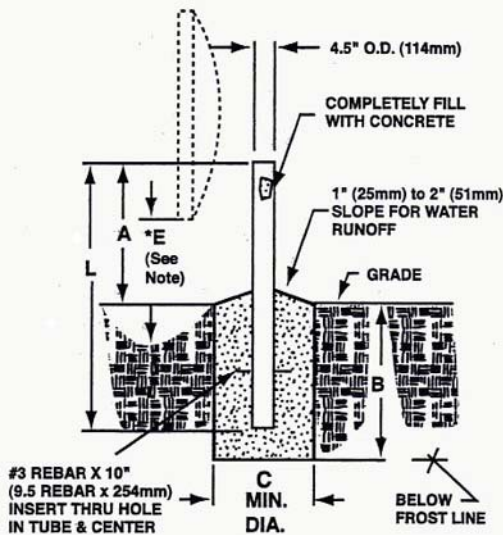
GROUND POLE INSTALLATION

Soil conditions vary and you should consult with a local professional engineer for modifications, if any, to suit local soil conditions and code requirements.

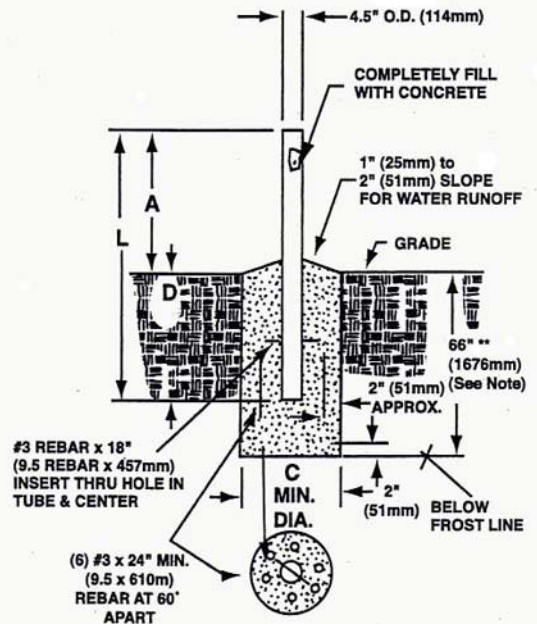
Designs based on allowable vertical soil bearing pressure of 2000 psf and 125 mph wind velocity. Minimum compressive strength of concrete shall be 2500 psi at 28 days.

DESIGNS SHOWN BELOW DO NOT REPRESENT AN APPROPRIATE FOUNDATION FOR ANY SPECIFIC LOCALITY OR ANTENNA INSTALLATION. THEY ARE PROVIDED FOR REFERENCE PURPOSES ONLY.

PIER FOUNDATION



DEEP FROST LINE



Concrete Dimension					Concrete Volume
L	A	B	C	E	
96" (2438)	50" (1270)	53" (1359)	36" (914)	16.7" (424)	1.1 YD ³ (.84m ³)
mm in () parentheses					
Antenna Size: 1.8m					
*NOTE: Clearance increases at elevations greater than 23°					

Concrete Dimension				Concrete Volume
L	A	D	C	
96" (2438)	53" (1359)	43" (1092)	29" (737)	.94 YD ³ (.72m ³)
mm in () parentheses				
Antenna Size: 1.8m				
**NOTE: 66" (1676mm) may be increased, concrete & length of rebar will increase accordingly.				

ANDREWS VSAT ANTENNA MOUNTING POLE REQUIREMENT

1.8m' Andrews

100 mm NB (114mm outside diameter)

1.8m Antenna Dimensions and Weight

<u>Width</u>	<u>Height</u>	<u>Length</u>	<u>Weight</u>
190cm	22cm	200cm	140kg Antenna
66cm	31cm	56cm	20kg Mounting Hardware

PLEASE NOTE:

Due to cargo bay restrictions on aircraft the items **CANNOT** be air freighted by any carrier other than REGIONAL AIR's Twin Otter.