



POST DESIGN CRITERIA:

Wind Speed	Base Pad Dimensions:
80 mph max. 5" schedule 40	← 4'-3" x 4'-3" x 3'-6" Deep
100 mph max. 5" schedule 80	← 5'-3" x 5'-3" x 3' Deep
125 mph max. 5" schedule 120	← 6'-3" x 6'-3" x 3'-6" Deep

NOTES:

- 5 #3 Rebar used in Footings
- Rebar distributed evenly in two directions
- Center of Rebar should be min. of 2" above bottom of pad
- Rebar should be min. of 3" from edge of concrete

Concrete Pad for 4.5m Antenna

NOTES:

- PAD MUST EXTEND BELOW FROST DEPTH
- DIMENSIONS FOR CONC. MAY VARY DEPENDING ON SOIL TYPES AND WIND CONDITIONS CHECK WITH LOCAL ENGINEER
- POST MUST BE 5'6" MIN. OUT OF PAD
- POST MUST HAVE WELDMENTS ON SIDE TO PREVENT POST FROM TURNING IN WIND
- POST MUST BE CLEAR 20' FROM TOP
- IF POSSIBLE TRIANGULATE FROM POST TO CONCRETE WITH TUBE OR ANGLE AS IN SKETCH ABOVE
- NOT TO ANY SCALE

DH SATELLITE
 DRAWN BY: MGD
 4/29/92
 REVISED 4/28/95
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 REVISED 3/12/96
 REVISED 11/12/98
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