FOOTING & ANCHOR PLAN

The footing is square. Actual sizes shown on left. Dimensions shown in the field to suit local conditions.

Anchor Rod
1/4-20 threaded ends are included. Form 3 lag screws to suit. Painted & galvanized.

Anchor Plate
1-1/2 x 1-1/2 Channel C42 (150lb)
Painted & galvanized.

CONCRETE
Mix: 1:3:6
Approximately 1 cubic yard = 1 cubic yard.
Cement: 8 cu. yd.
Sand: 24 cu. yd.
Gravel: 76 cu. yd.

FOOTING TIE ROD
3/8-10 rod galvanized.
Unwound one end. Painted.

FOOTING ANGLE
5/8-12 angle, galvanized.
To fit around lower horizontal, anchored to footing for root.

TOWER FOOTING

All tie rods shall be in line with line of the bar to the inside.

U-BOLT
1/2 galvanized U-bolt.
Normal 2 per node.

TIE STRAP
1/2 x 3/4 galvanized strap. Painted.

SHELF POST CAP
4 1/8 x 1/2 Galvanized strap. Painted.

FOOTING REVISED FeB 970/80
U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

STANDARD LOOKOUT TOWER
53-FOOT TYPE CT-2
FOUNDATION PLAN

I. L. S. B. S. RECOMMEND
I. L. I. I. B. S. NECESSARY