

GUYING
PATENT ANCHORS

1. GENERAL

1.01 This WR Sheet covers the use of the Chance C-104 four-way 10 inch expanding plate anchor and the Pieper Lillard PL-82-10 and PL-82-6 two-way expanding plate anchors. These anchors are being substituted for the standard 8 in. and 6 in. patent anchors described in Section G23.125 as shown in the following table.

Type and Size of Standard Patent Anchors	Type and Size of Substitute Patent Anchors	Size of Guy Strand (Pounds)
2 way 6 in.	Chance C-104	2,200 or 203 Galv. Wire
4 way 6 in.	PL-82-6 Chance C-104	6,000
2 way 8 in. or 3 way 8 in.	PL-82-6 Chance C-104	6,000
4 way 8 in. or 3 way 8 in.	PL-82-10 Chance C-104	1-10,000 or 2- 6,000

1.02 The Chance C-104 when expanded, has a somewhat smaller bearing area than the present standard 10-inch four-way anchor; therefore, each anchor will be tagged "Chance C-104" to distinguish it from the chance No. 1044 which is a standard type for use with 1 inch guy rods.

1.03 When the Chance C-104 10 inch anchor is substituted for 6 inch or 8 inch patent anchors, use the size of guy rod indicated in Section G23.125 for the guy strand involved, and set the anchor at the following depth for the guy rod.

<u>Size of Guy Rod</u>	<u>Vertical Depth of Setting</u>
1/2 inch *	3 ft.
5/8 inch *	4 1/2 ft.
3/4 inch.	5 1/2 ft.

* When the Chance C-104 10 inch anchor is used with a 1/2 inch or 5/8 inch guy rod place the 3/4 inch nut (that is attached to the anchor) between the anchor and the smaller nut on the guy rod to increase the bearing area.

1.04 When the Pieper-Lillard anchors are substituted for the standard expanding plate anchors as indicated in the table in 1.01 above use the information on equipping and setting in G32.125 as indicated for the corresponding standard anchor.

1.05 One blade of the PL-82-6 anchor is impressed with the numeral 6, and the PL-82-10 anchor with the numeral 10 for size identification.