

PRIMARY POLE REPLACEMENT

I. Quantity

The base bid shall include the indicated number of primary pole replacement, furnished and installed as hereinafter specified. The primary pole replacement shall include all insulators, crossarms, braces and miscellaneous hardware, furnished and installed and all labor and material required to complete the installation.

II. Material

- a. Pole - The wooden pole shall be bid as separate item under the specification entitled wooden poles and shall be the size and class indicated on the drawing.
- b. Crossarms - The crossarms shall be 10' Douglas fir and shall be as specified on drawing 03S0040, unless otherwise indicated on drawings.
- c. Crossarm Braces - The crossarm braces shall be hot dipped galvanized steel, 1-1/4" x 1/4", approved equal to Chance # 7132.
- d. Insulators - Straight Line - The insulators for the straight line poles shall be pin type, Chance C905-1305 or approved equal.
- e. Insulators - Dead-end - The insulators for a dead-end shall be an epoxilator insulator, Change C654-0000 or approved equal.
- f. Miscellaneous Hardware - All miscellaneous hardware shall be hot dipped galvanized steel.

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III. Installation

- a. The installation shall be located as shown on the drawings and as verified in the field by the engineer.
- b. All construction shall conform to National Electric Safety Code requirements for Grade B construction in heavy loading district, 14400/8360Y or 7200/4100Y volts.
- c. All clearance requirements of the NESC must be observed and any relocation of existing facilities required or indicated for such clearance shall be obtained by the contractor and included in the unit price bid under this item.

IV. Quotation

The primary pole replacement as hereinbefore specified shall be quoted on as a unit price each in the appropriate place in this document.

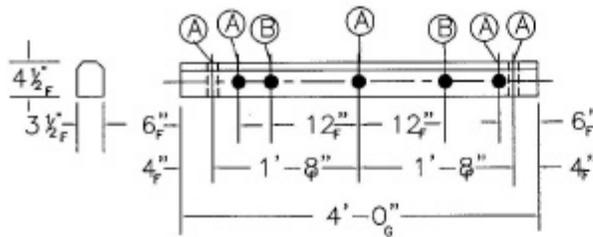


FIG. 1.

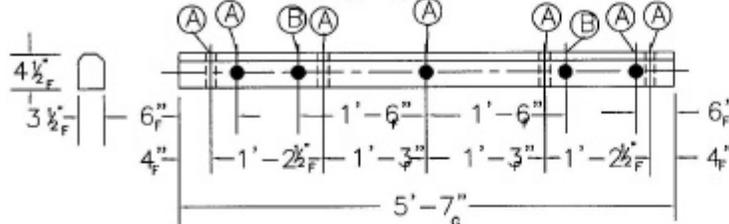


FIG. 2.

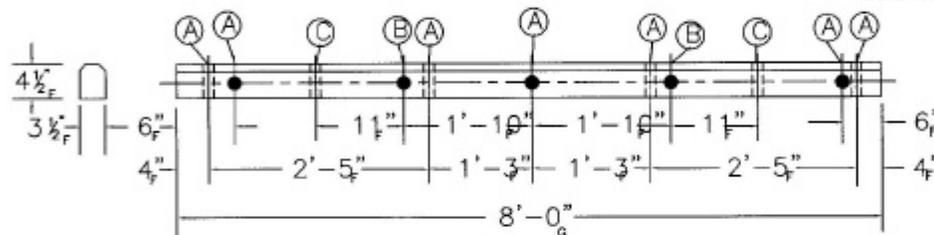


FIG. 3.

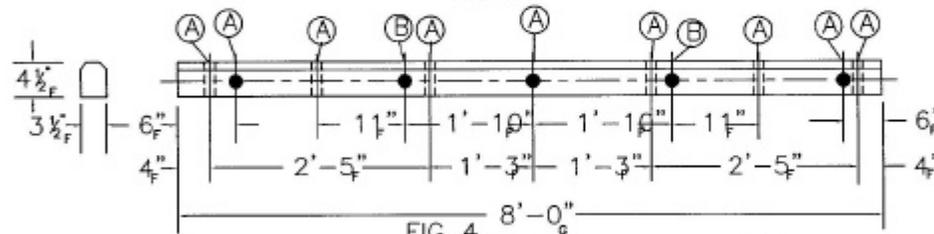


FIG. 4.

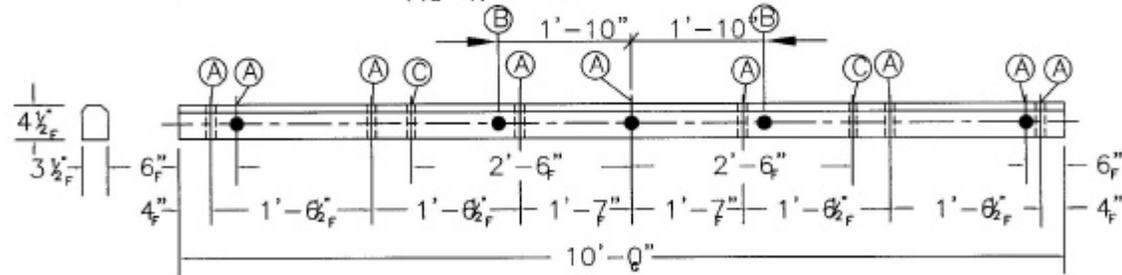
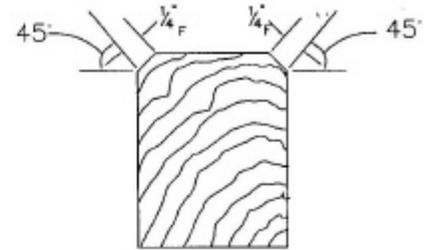


FIG. 5.

TOLERANCES SIZES OF HOLES			
NOMINAL	GO	NO GO	
(A)	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{3}{4}$
(B)	$\frac{3}{16}$	$\frac{3}{8}$	$\frac{1}{2}$
(C)	$\frac{9}{16}$	$\frac{1}{2}$	$\frac{5}{8}$



TYPICAL ENLARGED
SECTION OF CROSSARM

F ----- $\frac{1}{8} \pm$
 c ----- $\frac{1}{4} \pm$

BA
 GP
 REVISIONS
 11/91
 03/2002

MEL&P

MUNICIPAL ELECTRIC LIGHT & POWER SYSTEM
 CITY OF COLUMBUS, OHIO
 DEPT. OF UTILITIES & AVIATION - DIV. OF ELECTRICITY

CROSSARM DRILLING GUIDE

SCALE NONE

DRAWN BA 12/90

DRAWING NO.

C. O. NUMBER

APPROVED

03S0040
 SHEET OF