

STEPS FOR CALCULATING HEIGHT OF POWER WIRES
ABOVE GROUND LEVEL.

- (1) Set instrument any distance (d) from point "A". Point "A" is a point on the ground directly below the power wire. A convenient distance would be 100 ft. or 200 ft. (level chainage)
- (2) With zero set on the vertical plates and the instrument leveled, sight through the telescope.
 - (a) If the line of sight is level with point A, use case I
 - (b) If the line of sight is below point A, use case II
 - (c) If the line of sight is above point A, use case III
- (3) Using the table of tangents provided and examples in either case I, II, or III, calculate the distance (h) from the power wire to the ground

Detailed by B.H. March 11, 1963

DWG. NO.
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2