

Instructions

Layout and Design of a Dry Hydrant

NE-ENG-75

Instructions for use of NE-ENG-75

Using the information on the back of NE-ENG-76, profile the proposed location of the hydrant (most of the time this could be done with a hand level). Determine normal water elevation as part of the survey. Plot this information separately on cross-section paper if necessary.

- A. Assume that the elevation of the pump inlet pipe is 100. Using the height of the pump inlet pipe (from fire pumper equipment) and height of roadway, determine elevation (1), (2), and (3) on the back side of NE-ENG-75.
- B. Determine the elevation of intake (5) (normal water elevation) minus (4).
- C. Fill out Form NE-ENG-76 to obtain necessary information to complete form NE-ENG-75.

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