



# Livingston Public Works Department

October 22, 2007

## MEMORANDUM

TO: All Interested Parties  
FROM: Robert J. Schaefer, PE, Township Engineer  
SUBJECT: Requirements for Flood Elevation Surveys.

The following details are required for flood elevation surveys:

- 1) All existing and proposed structures and alterations.
- 2) Existing and proposed first floor and lowest floor elevations including crawl spaces and basements.
- 3) Plan view of top of bank and bottom of bank on both sides of all brooks and streams.
- 4) All constructed drainage structures.
- 5) All easements & right of ways.
- 6) The elevation datum shall be referenced on the survey and shall be the NAVD 88 Datum.
- 7) Elevations of the top of bank and bottom of bank of all brooks and streams shall be shown at a minimum of three locations along the stream or brook on the property in question.
- 8) Ground elevations at the outside corners of all existing and proposed structures.
- 9) Sufficient ground elevations to establish the general slope of the property.
- 10) The survey must be performed by a New Jersey licensed surveyor.
- 11) In the case of a 100 year approximate flood hazard zone "A"; the provided flood elevation survey will also need to contain a base flood elevation.
- 12) Base flood elevations shall be obtained from Flood Insurance Rate Map for Essex County, New Jersey , (All Jurisdictions) as shown on index and panel numbers 0069, 0079, 0080, 0083, 0086, 0087, 0088, 0089, 0091, 0093: whose effective date is June 4, 2007.