

## **Maine Coast Surveying Topographic Surveys**

A Topographic Survey is a plan view depiction of the relief of a parcel of land. This depiction may be accomplished either by contour lines or spot elevations. A Topographic Survey may be tailored to suit the needs of the client. The Topographic Survey may show contours at one, two or five foot intervals. A smaller the contour interval will result in more field measurements and higher cost. The Topographic Survey may be referenced either to a known benchmark somewhere near the project site or to an assumed benchmark established on site for this project. The scale of the Topographic Survey will conform to the needs of the client.

Maine Coast Surveying will perform a Topographic Survey in accordance with the Technical Standards of the Maine Board of Licensure for Professional Land Surveyors (Board Rules Chapter 90 Part Two effective April 1, 2001)

Maine Coast Surveying's work will result in a Topographic Plan that includes at least the following items:

- A minimum of one benchmark on site for each four acres. A description will be provided and the elevation will be noted to the nearest 0.01'. The datum for the benchmark shall be specified in the Letter of Agreement.
- Contours at an interval specified in the Letter of Agreement. The difference between the scaled elevation of any particular point on the plan and the actual elevation shall not exceed one half the contour interval.
- All building features shall be located and shown on the plan. The floor elevation of each building shall be shown.
- All other physical features shall be located and shown on the plan. These features shall include but not be limited to fences, roads, curbs, driveways, paths, gardens, stone walls, etc.
- All drainage (sewer and storm water) features and structures, visible from the surface of the ground, shall be located and shown on the plan with the invert elevations and rim elevations as appropriate.
- All utility (power and communications) features and structures, visible from the surface of the ground, shall be located and shown on the plan.
- The perimeter outline of cleared areas or wooded areas, as appropriate, shall be located and shown on the plan.
- "Specimen" trees as defined by the client or trees over a certain caliper as specified by the client, shall be located and shown on the plan with species and size identification.
- All test pits or soils borings, identified by the client, shall be located and shown on the plan.
- All bodies of water and the elevation of the water level on the subject property shall be located and shown on the plan.

Revised April 9, 2001