



### 3. Survey or Deed Plot

*A survey or deed plot is required for each application. Surveys must be prepared by an appropriately qualified person (i.e., licensed surveyor). For the purposes of this requirement, the term "deed plot" shall mean a scaled sketch map depicting the property boundaries as set forth in the property deed. Deed plots may be prepared by anyone but must consist of a scaled sketch map depicting tax property boundaries as set forth in the property deed. Provide, as **Attachment B**, a survey or deed plot of the entire project site prepared by an appropriately qualified person to so act in this State which shows at a minimum the property boundary lines in relationship to existing roads and water features (i.e., lakes, ponds, rivers and streams).*

### 4. Site Plan Map

*A Site Plan Map is required for each application. The site plan map may be combined with the survey or deed plot required by Item 3 above. The site plan map is the best way to show what you propose to do on the project site. It should show the location of existing and proposed development in relationship to existing property lines, proposed lot lines and other existing manmade and natural features on the project site. Detailed specific site plans are required because site constraints (e.g., shoreline, wetlands, steep slopes, poor soils, etc.) dictate the need for precise siting of the proposed development and wastewater treatment system.*

Provide, as **Attachment C**, a site plan map showing the proposed subdivision that is drawn to scale (i.e., one inch equals 10, 20, 30 or 50 feet) and which is clearly labeled with the map scale, north arrow, date of preparation and name of preparer. For larger parcels, show the entire site at a smaller scale, (i.e., one inch equals 100, 200 or 400 feet) and show the area of development at a larger scale. The site plan map must show and label all of the following information:

- a. all existing property boundary lines, lot lines, the acreage of the lot;
- b. all existing bodies of water (i.e., lakes, ponds, and permanent or intermittent streams) and the mean high water mark (MHW) of all navigable water bodies;
- c. the boundaries of all freshwater wetlands as identified in the field by Agency staff or a qualified biologist;
- d. all existing and proposed structures, locations, sizes and uses (e.g., single family dwellings, mobile homes, sheds, signs, fences, docks, decks, boathouses and if applicable commercial and industrial structures) and all existing on-site wastewater treatment systems and water supplies;
- e. topography at a two-foot contour interval in the area of the proposed on-site wastewater treatment system and the 100% replacement area, and topography at a five-foot contour interval for the remainder of the proposed development area, based on actual ground control survey data (more detailed topography may be required on steeper sites);
- f. all existing paved or unpaved roads, driveways, parking areas and utility lines;
- g. all existing vegetative cover types (e.g., fields, woodlands, shrub areas, lawns);
- h. bedrock outcrops;
- i. survey benchmarks;
- j. the proposed building location on the lot with well, driveway, and location of on-site individual wastewater treatment system [the plan must show all components including septic tank, pump station (if applicable), dosing siphon (if applicable), distribution box, soil absorption system and 100% reserve area for system replacement, deep hole test pits and percolation tests (locations and results)], and
- k. the proposed limits of vegetation clearing on the lot, and all proposed landscape plantings, including plant name and size.

## 5. On-Site Individual Wastewater Treatment System

*APA staff or a qualified soils scientist must assess the soils and determine the depth to the seasonal high groundwater table and the depth to bedrock at the location of each proposed wastewater treatment system. The applicant must arrange for this to be done and submit the results to the Agency as part of a complete permit application. The components of the system must meet current NYS Department of Health standards and Agency guidelines to the maximum extent practicable, including a minimum horizontal setback of 100 feet for absorption areas from any individual water supply (well) water body, wetland and permanent or intermittent stream.*

*Deep hole soils test pits must be dug in the presence of Adirondack Park Agency staff or a qualified soil scientist recognized by the Agency. A list of qualified soil scientists is available upon request from the Agency. Agency staff will do the soils analysis upon request. However, the applicant may be required to provide for a back-hoe and operator at the scheduled site visit. Scheduling for the digging of test pits must be arranged with staff well in advance.*

Provide, as **Attachment D**, detailed plans for the wastewater treatment system that are prepared by an engineer licensed in the State of New York.

- a. Each sheet of the plans must include the APA project number, applicant's name, legend of symbols and the engineer's name, address, signature, date of signature and seal.
- b. The basis of design for the wastewater treatment system shall be shown on the plans in an appropriately titled section or provided in a separate engineering report on 8 1/2 x 11 inch paper. All calculations regarding the design of all wastewater treatment system components shall be provided and shall include application rate and number of bedrooms.
- c. A detail for each system component shall be provided. This includes septic tank, distribution box, pump station or dosing siphon. A section and longitudinal view shall be provided for an absorption trench or shallow absorption trench. A section view shall be provided for an absorption bed or any other type of absorption system.
- d. Complete material and construction specifications shall be clearly provided for all wastewater treatment system components. Sufficient detail must be provided to enable a contractor to know what materials are required and how they are to be installed/constructed. This can be done using the details/cross sections, by listing them on a section of the plans, or both. Specifications may also be provided in a separate document on 8 1/2 by 11 inch paper. Note: Do not include details, sections or specifications for wastewater treatment system components that are not proposed for your project.

*Please note that approval of wastewater treatment systems may be required from the NYS Department of Health, the County Health Department and the local municipality. A list of professional engineers who practice in the Adirondack Park is available on request.*