

### Engineered Site Plan Checklist

A site plan may be required when more information and detail is needed to determine compliance with the regulations. Sites with marginal soil conditions, restrictive topographic features or other factors that limit the amount of suitable area available for the installation and replacement of an on-site sewage management system may require an engineered plan from a State registered engineer. The following requirements will determine compliance with the state regulations.

The site plan shall be drawn to a minimum 1" to 40' scale and include the following:

\_\_\_\_\_ Lot designation and property lines dimensions shown.

\_\_\_\_\_ Topographic delineations on 2 foot contours showing existing and/or finish grades.

\_\_\_\_\_ Location and dimensions of residence(s) or building(s), including setback distances from property lines.

\_\_\_\_\_ Location of driveway(s), paved areas, pools or other structures.

\_\_\_\_\_ Location of underground utility lines, water lines or wells (on or within 100 feet of property).

\_\_\_\_\_ Location of streams, lakes, bodies of water, drainage ways, easements, wetlands or flood plains on property.

\_\_\_\_\_ Finish floor elevations, including basement.

\_\_\_\_\_ Elevation and location of plumbing stub out.

\_\_\_\_\_ Scaled drawing of the on-site sewage management system including replacement area.

Drawing to include primary treatment (septic tank or aerobic treatment unit), dosing/pump tank (if applicable), and absorption field layout (including type and size). Pump size and manufacturer, including pump calculations (if applicable).

\_\_\_\_\_ A level III or IV soil report (as applicable) and map overlaid on the site plan. Absorption fields within 20 feet of soil transition lines shall be verified by the soil classifier for accuracy.

\_\_\_\_\_ Engineered site plans shall bear the seal and signature of the designer and include the following statement: I certify this on-site sewage management system meets the minimum design requirements established by the Department of Human Resources. I have made a site visit to verify the system can be installed as designed in accordance with these regulations.

Comments: \_\_\_\_\_  
\_\_\_\_\_

Environmental Health Specialist: \_\_\_\_\_

Date: \_\_\_\_\_