



ENGINEERING ADVISORY

1. Any building permit application that entails the construction of a free standing building on vacant property, an accessory building (above 625 square feet in construction), or an addition laying in a common side yard, all with finished floors, the permit submittal must also contain four (4) copies of fully engineered site development drawings **containing:**
 - Existing site elevation (U.S.G.S. or C.D.).
 - Existing elevation of all contiguous property.
 - Proposed foundation elevations, retaining walls and other site improvements.
 - Direction of surface and down spout runoff.
 - Final elevation for lot grading, showing all contour lines.
 - Culvert location and elevation and all drainage structures with elevations.
 - Bench mark to be placed on the nearest available permanent structure.
 1. Any landscape structures and/or piping.
 2. Drainage certification statement.

These must be sealed and signed by a registered engineer. Note: A septic field design document signed and sealed by an engineer, may be substituted if all the above data is included.

2. After the foundation has been installed and prior to the construction of flooring or walls, three (3) copies of a Building Spot Survey must be submitted to the Chief Plan Examiner of Building & Zoning. The survey must locate the foundation on the lot giving all front, side and rear yard dimensions and the grade at the top of foundation. The survey must be sealed and signed by a registered land surveyor. The contractor **MUST NOT PROCEED WITH CONSTRUCTION** until spot survey is approved and applicant is authorized by the Building Inspector.
3. **Final Grade Survey** prior to the issuance of a Certificate of Occupancy, the builder/owner shall be required to submit three (3) copies of an accurate survey for the lot to the Chief Plan Examiner of Building & Zoning, including the following:
 3. All contour lines, all topography, all inlets, catch basins, clean outs and associated piping.
 4. All site features such as: swales, retaining walls, etc.
 5. The elevation of all drainage break points and drainage arrows within the lot.
 6. Stamp and signature of a registered land surveyor or a registered professional engineer, indicating the following statement: "The grading of the lot and drainage therefrom has been completed and fully complies with the design engineering plans dated _____ submitted for the lot." The date of signature, license number and license expiration date shall also be indicated.

Donald H. Wlodarski
Commissioner