

## **ENGINEERING REVIEW REQUIREMENTS NEW CONSTRUCTION AND BUILDING ADDITIONS**

A lot grading plan shall be submitted for review by the Township Engineer. Four copies of the lot grading plan shall be submitted, the plan shall be prepared by a Licensed Professional Engineer or Registered Architect. The lot grading plan must be based upon a current survey prepared by a Licensed Professional Land Surveyor. A copy of the survey must be submitted with the lot grading plan.

The lot grading plan shall include the following information:

1. Existing site improvements. Existing site improvements that are to be removed shall be indicated by dashed lines.
2. Proposed location of all buildings, additions, all overhangs, the number of stories, and the elevation of the floors (first floor, basement floor, garage floor). Provide the setback dimensions for the buildings to the front, side and rear property lines.
3. Proposed location of all site improvements (i.e. walls, walks, driveways, sidewalks, patios).
4. Existing and proposed grades represented by contours at two (2) foot intervals and by spot elevations when flatness of the plot makes the use of contours impractical.
5. Existing and proposed elevations at all plot corners, building corners, centers of swales, tops and bases of walls, and at the locations of all changes in direction of stormwater flow.
6. Proposed elevations at changes in grade of driveways, walks, patios, sidewalks, and road elevations along the curbline.
7. Proposed swales with the direction of all stormwater runoff.
8. Stormwater Management measures to control the runoff from the proposed improvements. Provide drainage calculations for the sizing of the stormwater management measures.
9. Provide soil erosion and sediment control measures. Provide sediment fence long the limit of disturbance.
10. Provide details of:
  - a. Stormwater management measures
  - b. Sediment Fence
  - c. Soil Erosion control measures

If you have any questions of any of the above items, please contact the Engineering Department at 201-837-1600 x1728.