

TOWN OF BETHLEHEM: Grading Plan Checklist for Pool Permit Applications

Instructions: Submit one (1) completed copy of this checklist and three (3) copies of the **Proposed in ground pool Grading Plan**, , to the Building Department with a copy of the Building Permit Application for all new pool construction.

Project: _____ **Preparer:** _____ **Date:** _____

Required Information: Minimum information required for the Engineering Division to review a proposed in ground pool Grading Plan

1. Property lines of the applicant's property, showing associated bearings or angles and distances in feet *
2. Property lines, roads, and above or below ground structures within 25 feet of the applicant's property *
3. Location and elevation of all *existing* buildings and structures within the project limits of disturbance *
4. Information and locations for *existing* easements and ROWs on the property *
5. Existing topography, at a max. 2 feet contour interval, within 10 feet of all proposed limits of disturbance
6. Limits of disturbance LOD (i.e. clearing, grading, excavating, etc...) for all the proposed pool improvements (including but not limited to decking, fencing, and structures etc.)
7. Location and elevation of all *proposed* pool, decking, fencing and structures within the project's area of disturbance
8. Where fill or disturbance is to be placed show proposed topography, at a max 1 feet contour interval, within the project proposed limits of disturbance
9. The location of watercourses, federal and state wetlands and all wetland setbacks, 100-year floodplains, bedrock outcrops, etc.*
10. Locations, dimensions, and material specifications of erosion and sediment control (E&SC) measures
11. Locations of all required Construction fencing for wetland or LOD boundaries.
12. Reference to the approved subdivision plat, include any restrictions (i.e. wetlands, soils, buffers, etc.)
13. If needed, the location of all drainage swales with proposed flow arrows shown. Grass lined drainage swales shall be design to have a minimum of 2% positive pitch. **
14. If needed, show all filter drain piping including discharge point elevations and locations. All piping shall have a minimum of 1% pitch.
15. The location of the angle of repose line for any steep slopes within the property in accordance with code section 128-49-C-1.

**If required information is shown, existing plot plans may be used.*

Contours and/or spot elevations with flow arrows must be illustrated on the Final Plot Plan to verify drainage patterns

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Standard Notes: *Include these notes on the Proposed in ground pool Grading Plan in a section titled “Town Standard Notes”*

- A. *All disturbed soils must be stabilized with a minimum cover of mulch meeting the requirements of the current NYS Standards and Specifications for Erosion and Sediment control, which includes winter Stabilization.*
- B. *All E&SC measures must be inspected and maintained in compliance with § 128-49 of the Town Code*
- C. *Notify the Engineering Division of any deviations in building location or grading from approved plans*
- D. *If Required - Construction fence must be installed along wetland boundaries and buffers within 25 feet of any activity*
- E. *If proposed pool lot do not have any steep slope requirements meeting Item 15. provide a certification note as follows - No steep slopes exist within the property or adjacent properties.*
- F. *If proposed pool lot has steep slopes identified within Item 15. and all work is being performed beyond the Angle of Repose line, provide a certification note as follows – All proposed work is being performed outside the Angle of Repose Line as shown on the layout plan.*
- G. *If proposed pool lot has steep slopes identified within Item 15. provide a certification note as follows – All such construction or land disturbance activities are consistent with generally accepted engineering standards, meet or exceed established factors of safety against slope failure and would not result in undue risk of slope failure or danger to human health, welfare or property.*