

**TOWNSHIP OF OLD BRIDGE  
ENGINEERING DEPARTMENT**

Block \_\_\_\_\_ Lot \_\_\_\_\_ Owner \_\_\_\_\_

Address \_\_\_\_\_

**CHECK LIST FOR POOL GRADING PLAN**

(Plan to be signed & Sealed by a New Jersey Professional Engineer or Professional Surveyor or Registered/ Licensed Architect)

The Following Information must be provided by the Design Engineer/ Architect on or with the pool Grading Plan. Pool Design Engineer to tick the Check Box. If not applicable write 'N/A'

- 1 Title Block
  - 2 Block & Lot Number for the house
  - 3 Street Address for the House
  - 4 Street Names
  - 5 Bearings and distances for the lot (Plan Scale not to be less than 1"=50')
  - 6 Existing house tie dimensions
  - 7 Existing house dimensions and zoning setback requirements
  - 8 Driveway type
  - 9 Driveway Apron and public sidewalk (if any)
  - 10 Basement floor Elevation (if house has basement)
  - 11 Garage floor Elevation
  - 12 Finished floor Elevation
  - 13 Proposed Grading around pool area to be minimum 1.5% and maximum 3:1
  - 14 On-site drainage/ any storm drainage within 25 feet of property
  - 15 Water service/ sewer service
  - 16 Existing Sump pump connection (if any) with discharge location
  - 17 Location of wetlands, floodplains, conservation easements, other environmental restraints and utility easements
  - 18 Existing grades (1 foot contour lines) and proposed grades and surrounding areas within 25 feet of property
  - 19 Existing / proposed Spot Grades in the vicinity of the pool
  - 20 Proposed elevation of the pool coping or concrete deck or concrete sidewalk
  - 21 Distances for the location of the pool from houses structure and property lines
  - 22 Proposed swales (if any) and the proposed direction of the overland flow
  - 23 Existing/ Proposed Retaining walls (if any)
  - 24 If the wall height exceeds 48" at any location, provide Certification that the design complies with the various factors of safety (sliding, overturning, bearing). Wall Height is measured from the bottom of foundation to finished grade at top of wall.
  - 25 If edge of the pool is closer than 6 feet from the house structure at any location, provide calculations or footing pressure diagram to demonstrate that the proximity of the pool will not adversely affect the integrity of the structure's foundation.
  - 26 All trees with 4" or greater caliper to be shown
  - 27 All trees to be removed must be shown and a Tree Removal Permit must be obtained from Old Bridge Township Engineering Department
  - 28 Construction Access to be shown
  - 29 Proposed location for pool pump backwash discharge water
  - 30 Seepage Pit (if required) to be shown on the plan with an overflow outlet pipe.
- Add following Notes to the plan
- 1 The Homeowner is responsible for replacing public sidewalk, curb, drainage pipes if damaged by the pool construction activities. Concrete to be 4500 psi.
  - 2 Wetland lines, conservation easements, utility easements to be delineated prior to pool construction by a land surveyor licensed in New Jersey.
  - 3 Upon completion of pool construction the Homeowner's Engineer to inspect and certify that the finished grades at and around the pool are in substantial conformance with the approved plan.

For Engineering Dept. Only

File No:

Checked BY:

Date:

\_\_\_\_\_  
Name & Signature of Design Engineer/ Architect