

APPENDIX F
EROSION CONTROL/CONSTRUCTION
SEQUENCE FOR LOT DEVELOPMENT

EROSION CONTROL/CONSTRUCTION SEQUENCE NARRATIVE FOR LOT DEVELOPMENT

All erosion and sedimentation control measures and procedures shall comply with the standards and specifications of the New York State Guidelines for Urban Erosion and Sediment Control. Erosion control measures shall be installed prior to the start of construction and maintained in effective condition throughout the construction period.

Land disturbance shall be kept to a minimum. Restabilization shall be scheduled as soon as practicable. All erosion control measures shall be installed prior to any construction activity, and periodically monitored throughout all phases of construction for proper function and structural integrity. Perform maintenance and repairs as necessary.

Monitoring and maintenance of all Sediment and Erosion Controls shall be performed in accordance with the NYSDEC SPDES General Permit GP-0-10-001 throughout the entire period of construction.

Notify all appropriate authorities (i.e., Village of Mamaroneck Building Department - Telephone: 914-777-7731) at least 48 hours prior to the commencement of site work.

Verify all existing underground and overhead utilities prior to any construction activity by calling Dig Safe New York and conducting one's own due diligence.

Monitoring and maintenance of all Sediment and Erosion Controls shall be performed in accordance with the NYSDEC SPDES General Permit GP-0-10-001 throughout the life of the entire project.

1. Identify Disturbance Limits - Identify the limits of the areas to be disturbed within the property in accordance with the drawings.
2. Install Silt Fence at Limit of Disturbance - Silt fence shall be installed as per the instructions of the manufacturer and as shown on the construction details. Silt fence shall be installed, in general, parallel to the contour. Where one length of silt fence ends and another begins, provide a minimum 10 foot overlap. Additional silt fence may be placed in the field at the discretion of representatives of the approving authorities or by the qualified inspector in accordance with project SPDES General Permit for Stormwater Discharges from Construction Activities. Silt fence shall be maintained in operable condition and shall not be removed until disturbed areas contributing to it are thoroughly stabilized.
3. Construct Access to the House Site - In order to access the house site, the new driveway must be constructed. Clear the vegetation within the area of the driveway, remove topsoil from the area to be graded and stockpile in the location(s) depicted on the erosion and sediment control, and place gravel (crushed stone) for the driveway.

An anti-tracking pad (stabilized construction entrance) shall be installed at the entrance to the construction area in the location shown on the plans, and is to be

scarified and regraded periodically to remove built-up silt and sediment in the upper layers to ensure proper functioning.

4. Vegetation Clearing for Construction of the House - Clear the remainder of the existing vegetation within the limit of disturbance, except for any trees which are to remain. All limbs and brush shall be chipped and stored on site for use as mulch. Larger tree trunk sections are to be removed from site or cut for firewood. Grub the root systems of the cleared vegetation. Remove the stumps from the site.

Construct the remainder of the driveway to the house by preparing the subgrade, excavating or placing fill as necessary, and placing the subbase aggregate. Grade the side slopes to the driveway and stabilize with temporary or permanent grass seed mix.

5. Strip topsoil and Stockpile - Strip the topsoil in the areas to be graded to whatever depths encountered and store in the location indicated on the plan for future use. Protect the storage piles per the soil stockpiling detail on the construction details sheets.
6. Footing, Foundation and Building Pad Preparation - Prepare the building pad area for the house. Stockpile topsoil and soil removed during excavation and protect the stockpile in the location(s) shown on the drawings and in accordance with the detail. Rock removal, if any, shall be done in accordance with State and Village requirements.
7. Construct the house, driveway, deck, retaining walls & stormwater management facilities. In addition to the earth and rock removal for the construction of the house, driveway, deck and retaining walls, grade the area of the stormwater management facilities, and install the storm drainage system which is to drain to the stormwater management facilities. The storm drainage system shall be installed from the lowest to the highest elevation. Install inlet protection as shown on the erosion and sediment control plan at each catch basin. Do not permit runoff to be directed into the subsurface stormwater chambers until such time as the area contributing to the chambers has been stabilized.
8. Prepare the Disturbed Area for Final Stabilization and Planting - Clean up all residual site debris and litter and prepare all disturbed areas not to be hard surfaced for topsoiling and seeding and/or planting. If not friable or compacted from machinery tires, areas to be raked loose prior to seeding. Clean out sediment from the catch basins and any sediment in the stormwater management facilities prior to installing plant materials.

Apply soil amendments and seed the disturbed area outside of the proposed mitigation planting areas using the specified seed mix. In addition to all specified and located erosion control devices, the contractor shall take all steps prudent and necessary to stabilize the site at all times, inclusive of periods before, during or after storm events. Provide straw mulch cover over seeded areas.

9. Clean Sediment from Storm Drainage System - Clean out the storm drainage pipes and the catch basins which convey runoff to the stormwater management facility and dispose of the sediment properly off-site.
10. Remove the erosion control measures only after full vegetative stabilization occurs on the site.