TOWN OF WATERTOWN
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING

SPRUCEWOOD DRAINAGE IMPROVEMENTS
REPAIR DRAINAGE THRU EASEMENT

PROJECT NUMBER: 153-WTN-001-2023

TOWN COUNCIL

GENERAL NOTES

1. THE CONTRACTOR SHALL READ FULL DIRECTIONS AND
   CHECK ALL DETAILS PRIOR TO COMMENCING WORK AND
   SHALL BE HELD TO THE ORIGINAL CONDITIONS OR TO
   THE ENGINEER'S SATISFACTION.

2. SAFE WORKING ACCESS SHALL BE PROVIDED TO ALL
   PERSONNEL AND RESIDENTS AT THE END OF EACH
   WORKING DAY.

3. ALL MEASUREMENTS ON THE PLAN ARE BASED ON
   COORDINATE Systems OUT.

COPY NO. ___
EROSION CONTROL NOTES

GENERAL PRINCIPLES

The following general principles shall be maintained as effective means of minimizing erosion and sedimentation during site development. Modification of the following guidelines may be appropriate in unique situations with the approval of the Town.

1. For all construction activities, all stable, eroding, or disturbed areas must be stabilized before or during the completion of the project. Temporary and/or permanent erosion and sedimentation control measures shall be left in place until the project is complete.

2. All construction is to be performed in a way that will not cause erosion or sedimentation into surface waterways or adjacent properties.

3. All excavation, grading, and fill operations shall be performed in a manner that will prevent erosion and sedimentation into surface waterways or adjacent properties.

4. All access to the site shall be kept to a minimum and all access roads shall be designed and maintained to prevent erosion and sedimentation.

5. All disturbance to natural vegetation and topography shall be minimized to prevent erosion and sedimentation.

6. All construction activities shall be performed in a way that will prevent erosion and sedimentation into surface waterways or adjacent properties.

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PLACING TOPSOIL

The areas of topsoil to be placed shall be graded to a minimum of 3:1, and the slope stabilization or a bench shall be constructed with a reverse slope of 5:1 or flatter, at least 1 foot deep.

SLOPE STABILIZATION

Slopes created by cuts or fills that are steeper than 3:1, and the slope stabilization or a bench shall be constructed with a reverse slope of 5:1 or flatter, at least 1 foot deep.

1. Where fill slopes are used to invert surface water, they shall be protected or secured.

2. The concentration of surface runoff shall only be permitted by开口, and/or through the use of drainage dikes on natural watercourses.

3. Fill Slopes

4. Slopes created by callie dike that are steeper than 3:1, and the vertical height exceeds 15 feet, shall be stabilized with engineered stabilization structures, sediment basins and/or drainage channels to convey and control the water.

5. Disturbed areas shall be stabilized as quickly as possible.

6. The final vegetation and sediment control measures shall be installed as part of the landscape design after the construction phase.

7. All maintenance of all drainage facilities and watercourses shall be the responsibility of the owner/developer until the project is complete.

EROSION PREVENTION

Slopes created by cuts or fills shall not encroach on natural watercourses, channels or regulated areas.

The following general principles shall be maintained as effective means of minimizing erosion and sedimentation during site development. Modification of the following guidelines may be appropriate in unique situations with the approval of the Town.

1. All construction shall comply with the provisions of the Town’s Zoning Regulations.

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SOIL EROSION CONTROL NARRATIVE

1. This project consists of the construction of a parking area, an access road, a driveway, and other improvements to the site.

2. The owner is responsible for the installation and maintenance of all erosion and sedimentation control measures.

3. Erosion and sedimentation control measures shall be implemented specifically to protect these areas. These measures shall be installed as shown on the plans and in the "soil erosion control guidelines for soil and sediment control."

4. The permits required for this project include a local soil erosion permit and a local stormwater permit.

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6. The owner/developer is responsible for the installation and maintenance of all erosion and sedimentation control measures.

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SUGGESTED CONSTRUCTION SEQUENCE

1. Install all site, erosion control measures as shown on the plan.

2. Excavate for restorative parking areas.

3. Install temporary fencing as shown.

4. Install utility lines for permanent tank, conduit, concrete pad, install tank & wildlife.

5. Install pavement, millings and mark parking areas, signs for drainage at parents.

6. Remove gate, install new gate & signs as shown.

7. Install payment on site and parking areas.

8. Provide drainage, signs and see restorative areas.

9. Erosion controls to remain in place until entire site has stabilized.