

TOWN REQUIRED SPECIAL PROVISIONS

1. CLEARING AND GRUBBING

This item of work shall consist of clearing the ground of trees, stumps, brush, rubbish and all objectionable material in accordance with CT DOT Form 816 or as directed by the Engineer. This work shall also include the clearing of the ground necessary for the construction and installation of drainage, structures, ditches, channels, fences and other appurtenances. Included in this work shall be the preservation from injury or defacement of vegetation and objects designated to remain.

2. EXCAVATION

Site excavation shall consist of the removal and satisfactory disposal, in the manner herein required, of all unsuitable material taken from within the limits of the work contracted for, the removal of which is necessary for the construction of the Maintenance/Storage Building pad and associated driveways, parking areas and drainage swales. It shall also include the formation of embankments using suitable material excavated from the site, the disposal of surplus or unsuitable material, removal of old foundations, concrete or masonry walls, stone wall fences and filling of holes, and in the absence of such items in the contract, the clearing and grubbing and the shaping and cleaning of slopes and of shoulders. Excavation shall be classified for the purpose of payment as "Earth" or "Rock."

The contractor shall not mingle topsoil with excavated material that can be used for the formation of subgrade in areas needing filling. Topsoil that cannot be rendered usable for establishing a landscape cover on areas outside the paving limits shall be disposed of.

Earth Excavation shall include all materials removed as indicated or directed except water, or rock.

Rock Excavation shall include rock in definite ledge formation and boulders, or the portion of boulders, one (1) cubic yard or more, in volume. When rock is encountered within the footprint of the proposed building, it shall be removed to a depth of not less than forty-eight (48) inches below "Finish Floor Elevation" as well as within a three (3) foot wide area surrounding the perimeter of the building. When rock is encountered outside of the building, as heretofore described, it shall be removed to a depth not less than twenty-four (24) inches below the proposed finish grade.

All ledge formations to be removed, whether exposed or buried, shall be profiled by a licensed land surveyor using a method acceptable to the Town Engineer prior to removal so that a reasonably accurate calculation of excavated volume can be made. Quantities of rock removed from depths greater than forty-eight (48) inches in the building area and twenty-four (24) inches elsewhere shall not be eligible for payment.

The entire area of each layer of any newly created embankment and the subgrade in the excavated areas shall be uniformly compacted to at least the required minimum density by use of compaction equipment consisting of rollers, compactors or a combination thereof. The dry density after compaction shall not be less than 95% of the dry density for that soil when tested in accordance with AASHTO T 180, Method D. Each layer of the embankment and the subgrade shall be compacted at optimum moisture

content in lifts no greater than twelve (12) inches deep. No subsequent layer shall be placed until the specified compaction is obtained for the previous layer.

The contractor shall be responsible for hiring a certified testing laboratory service to perform compaction tests as specified above.

3. BORROW

When the amount of usable material excavated within the limits of the work contracted for is not sufficient to form the embankments and other features of the work, additional material shall be furnished by the Contractor from off-site borrow pits obtained by him at his expense and located beyond the limits of the project. This material shall be known as borrow. Borrow shall include the furnishing, removing, satisfactory placing, and compacting of the additional material necessary to complete the embankments and other features of the work.

4. FORMATION OF SUBGRADE

The area upon which the pavement structure and building are placed shall be known as the "subgrade." For this project it is considered to be the plane coincident with the top of any constructed embankment or native soil, which is deemed suitable to be left in place by the Town Engineer, and is located underneath areas to be paved or built upon. The work of formation of subgrade shall be performed at this plane. It should be noted, that for this project, the elevation of the subgrade shall be brought to within six (6) inches of the finish design elevations shown on the plan.

All soft and yielding parent soil which will not compact readily shall be removed and replaced with suitable borrow material.

5. SEDIMENTATION CONTROL FILTER FABRIC FENCE SYSTEM

This work shall consist of furnishing, placing, maintaining and removing Sedimentation Control Filter Fabric Fence System in the location shown on the plan as shown on the plan or as directed by the Engineer. Maintaining shall include the removal of accumulated sediment.

6. TOPSOIL

This work shall consist of furnishing, placing and shaping topsoil in areas shown on the plan or where directed by the Town Engineer. The topsoil shall be placed at a depth of four (4) inches unless stated otherwise in the contract.

7. TURF ESTABLISHMENT

The work included in this item shall consist of providing an accepted uniform stand of established perennial turf grasses by furnish and placing fertilizer, seed and mulch on all areas to be treated as shown on the plan or where designated by the Town Engineer. The work will also include the installation of erosion control matting consisting of mulch and netting woven together as one unit where shown on the plan or as directed by the Town Engineer.

Hydroseeding is an acceptable method of applying seed, lime, fertilizer and mulch. An erosion control blanket is still required in drainage swales using this method of application.

8. MOBILIZATION

This item shall consist of all work necessary for the movement of personnel and equipment to the project site, and for the establishment of all contractor field offices, buildings and other facilities necessary to the performance of the work.

9. CONSTRUCTION STAKING

The work under this item shall consist of all construction layout and reference staking necessary for the proper control and satisfactory completion of all work on the project, except property lines, highway lines, or non-access lines.