



BID YARDAGE:
36,000 CU. YDS.
(INCLUDES 19% SHRINKAGE)

I. GENERAL

- All areas to be cleared without authorization from the project engineer.
- All grading work performed shall be within ± 0.3 feet tolerance of the grade shown on the grading plan.
- A Geotechnical Engineer shall be employed by the owner and be on site during grading operations.
- The grading contractor shall perform a complete grading and compacting operation, as shown on the plans, stated in these notes, or reasonably implied therefrom, all in accordance with the plans and notes as interpreted by the geotechnical engineer.
- Before the grading begins, the Owner shall employ a competent, licensed surveyor to establish all lines and grades.
- The Contractor shall notify the Soils Engineer at least two days in advance of the start of the grading operation.
- Trench backfills within the road right-of-way will be water panted and granular backfill will be used under paved areas.
- All areas will be allowed to drain. All low points should be provided with temporary ditches.
- A sediment control plan that includes monitored and maintained sediment control measures shall be developed and implemented as soon as possible. No graded area is to be allowed to remain bare over the winter without being seeded and mulched. Care should be exercised to prevent damage to existing property and silting up existing downspout storm drainage systems.
- Debris and foundation material from any existing on-site building or structure which is scheduled to be razed for this development must be disposed of off-site.
- Any existing trees and debris currently on this property must be removed and disposed of off-site.
- Soft soil in the bottom and banks of any existing or former pond sites should be removed, spread out and permitted to dry sufficiently to be used as fill. This soil may be used in proposed right-of-way locations or on state sewer locations.
- No slope shall be greater than 3:1 and shall be either sodded and mulched.

II. SPECIFICATIONS

- Site preparation includes the clearance of all stumps, trees, bushes, shrubs, and weeds; the grubbing and removal of roots and other surface obstructions from the river and the demolition and removal of any man-made structures located on the site. The earth to be properly disposed of off-site. Topsoil and gravel in the fill areas will be thoroughly sieved prior to the placement of any fill. The Soils Engineer shall approve the sieving operation.
- Compaction equipment shall consist of tandem rollers, pneumatic-tired rollers, or similar type of compaction equipment acceptable to the Soils Engineer. The roller shall be designed so as to avoid the creation of a layered fill without proper blending of successive fill layers.
- The Soils Engineer shall observe and test the placement of the fill to verify the quality of the fill. A series of field density tests will be determined on each lift of fill. Test results showing fill quality will be made to the Owner at regular intervals.
- The Soils Engineer shall notify the Contractor of rejection of a lift of fill or portion thereof. The Contractor shall remove the rejected portion of the fill and submit to the Soils Engineer of its acceptance prior to the placement of additional fill.
- The surface of the fill shall be finished so that it will not expand water. If at the end of a days work it would appear that there may be rain prior to the next working day, the surface shall be finished immediately. If the surface has been finished and may move, it shall be re-surfaced before proceeding with the placement of succeeding lifts. Fill shall not be placed on frozen ground, nor shall filling operations continue when the temperature is such as to permit the layer under placement to freeze.

NOTE: TEMPORARY RELIEF SWALES TO BE GRADED PRIOR TO CONSTRUCTION OF STORM SEWERS.



SCALE: 1" = 50'

