

City of Hutto - Erosion, Sedimentation and Tree Protection Notes

Updated August 2018

1. The Contractor to install and maintain erosion/sedimentation controls and tree/natural area protective fencing prior to any site preparation work (clearing, grubbing, grading, or excavation). Contractor to remove erosion/sedimentation controls at the completion of the project and grass restoration.
2. The placement of erosion/sedimentation controls to be in accordance with the approved erosion and sedimentation control plan and water pollution abatement plan. Deviations from the approved plan must be submitted to and approved by the owner's representative.
3. All planting shall be done between May 1st and September 15th except as specifically authorized in writing. If planting is authorized to be done outside the date specified, the seed shall be planted with the addition of winter fescue (Kentucky 31) at a rate of 100 lbs/acre. Grass shall be common Bermuda Grass, hulled, minimum 82% pure live seed. All grass seed shall be free from noxious weed, grade "A" recent crop, cleaned and treated with appropriate fungicide at time of mixing. Seed shall be furnished in sealed, standard containers with dealer's guaranteed analysis.
4. All disturbed areas to be restored as noted in the water pollution abatement plan.
5. The planted area to be irrigated or sprinkled in a manner that will not erode the topsoil, but will sufficiently soak the soil to a depth of four inches (4"). The irrigation to occur at 10-day intervals during the first two months to insure germination and establishment of the grass. Rainfall occurrences of one half and inch (1/2") or greater to postpone the water schedule one week.
6. Restoration to be acceptable when the grass has grown at least one and one half inches (1.5") high with 95% coverage, provided no bare spots larger than twenty-five square feet exist.
7. A minimum of four inches (4") of topsoil to be place in all area disturbed by construction.
8. The contractor to hydro mulch or sod (as shown on plans) all exposed cuts and fills upon completion of construction.
9. Erosion and sedimentation controls to be installed or maintained in a manner which does not result in soil buildup within tree drip line.
10. To avoid soil compaction, contractor shall not allow vehicular traffic, parking, or storage of equipment or materials in the tree drip line area.
11. Where a fence is closer than four feet (4') to a tree trunk, protect the trunk with strapped-on planking to a height of eight feet (8'), or the limits of lower branching, in addition to the fencing.
12. Trees to be removed in a manner which does not impact trees to be preserved.
13. Any root exposed by the construction activity to be pruned flush with the soil. Backfill root area with good quality topsoil as soon as possible. If exposed root areas are not

backfilled within two days, cover them with organic matter in a manner which reduces soil temperature and minimizes water loss due to evaporation.

14. Contractor to prune vegetation to provide clearance for structure, vehicular traffic, and equipment before damage occurs (ripping of branches, etc.). All finished pruning to be done according to recognized, approved standards of the industry (reference the "National Arborist Association Pruning Standards for Shade Trees").
15. The contractor is to inspect the controls at weekly intervals and after every rainfall exceeding one-quarter inch (1/4") to verify that they have not been significantly disturbed. Any accumulated sediment after a significant rainfall to be removed and placed in the owner designated spoil disposal site. The contractor to conduct periodic inspections of all erosion/sedimentation controls and to make any repairs or modifications necessary to assure continued effective operation of each device.
16. Where there is to be an approved grade change, impermeable paving surface, tree well, or other such site development immediately adjacent to a protected tree, erect the fence approximately two to four feet (2'-4') behind the area in question.
17. No above and/or below ground temporary fuel storage facilities to be stored on the project site.
18. If erosion and sedimentation control systems are existing from prior contracts, owner's representative and the contractor to examine the existing erosion and sedimentation control systems for damage prior to construction. Any damage to preexisting erosion and sedimentation controls noted to be repaired at owner's expense.
19. Intentional release of vehicle or equipment fluids onto the ground is not allowed. Contaminated soil resulting from accidental spill to be removed and disposed of properly.