

- abrupt changes. Minor adjustments of finish grades shall be made at the direction of the Owner's Representative, if required.
- B. Drainage: All grades shall provide for natural runoff of water without low spots or pockets. Flow-line grades shall be accurately set and shall not be less than 2% gradient wherever possible.
  - C. Shrub Areas: Finished grades shall be 1-1/2" below top of adjacent pavement, edging, curbs, or wall, unless otherwise indicated on the Drawings.
  - D. Slopes: Tops and toes of all slopes shall be rounded to produce a gradual and natural-appearing transition between relatively level areas and slopes.

### 3.05 GROUND COVER, ANNUAL AND PERENNIAL BEDS

Excavate areas to be planted with material smaller than 1-gallon size to a depth of six (8") inches and backfill with the following mix.

1. 80% on-site topsoil by volume (from Owner's stockpile).
2. 20% peat moss by volume.
3. Five (5) pounds bone meal per cubic yard of backfill.

The specified backfill materials shall be pre-mixed, then turned several times with a front end loader to a uniform, evenly blended consistency, free of all pockets of unblended material and any clods or stones greater than one (1") inch in diameter. Pre-mixed back-fill mix shall be inspected per 1.06A, "Pre-Planting Inspections."

### 3.06 SHRUB AND TREE PLANTING

#### A. Planting Pits:

1. Locate planting holes per planting plans bringing any conflict with underground utility lines to the attention of the Owner's Representative. Locations for holes shall be according to 1.06B, "Planting Inspections."
2. Excavate holes to be the same depth as the root ball and two times the diameter of the root ball wide.
3. The sides of the holes shall be roughened to remove any compacting or "glazing" caused by the digging operation. The bottom of the hole shall be loosened to a minimum depth of six (6") inches. Mix loosened soil with specified backfill to blend soil types.
4. Fill a random sample of holes with water as directed the City Forester and allow to drain completely. Contractor should notify City Forester if a pit does not drain in a satisfactory time, then contractor should correct drainage problem by using a PVC drain or a gravel sump shall be installed.
5. Dispose of excavated soil off the site at no cost to the Owner.

#### B. Backfilling - Tree and shrub planting pits shall be backfilled with the following mix:

1. 75% on-site topsoil by volume (from Owner's stockpile) thoroughly mixed with 25% compost (2.02 A + B).

#### C. Planting

1. General - Do not install plant materials until all construction work has been completed and sprinkler systems have been installed and tested. Planting areas shall have been graded and prepared as herein specified and shall have been approved by the Landscape Architect.
2. Carefully remove stock from containers to avoid breaking the root ball. Do not lift or handle container plants by tops, stems, or trunks at any time.
3. Fertilize trees and shrubs by placing 21 gram fertilizer tablets three (3") inches laterally and three