

1 **GENERAL**

1.1 REFERENCE

1.1.1 Comply with General Conditions. Supplementary Conditions and requirements of Division 1.

1.2 RELATED WORK

1.2.1 Section 02210 Site Grading, top soil and sodding.

1.3 SEASONAL REQUIREMENTS

1.3.1 Plant shrubs during the season or seasons normal for such work as accepted by local practice. Inform the Consultant in writing of proposed planting dates.

1.3.2 Planting under unseasonable conditions shall be at the responsibility of the Contractor and extra expense incurred borne by the Contractor.

1.4 STORAGE AND HANDLING

1.4.1 Deliver plant materials to site in quantities that can be planted within three days.

1.4.2 Tie all branches of trees and canes of shrubs securely and protect all trunks and branches from abrasions during transit and handling.

Cover root balls and protect with dampened straw, peat moss or other acceptable material during transit, and in storage on site if planting is delayed longer than one day.

1.4.3 Planting of bare root stock shall not be permitted.

1.5 JOB CONDITIONS

1.5.1 Locate accurately all utilities, buried services, and site features in the area where this work is to be carried out.

1.5.2 Notify the Consultant where this work conflicts with the utilities and services and obtain direction before proceeding.

1.5.3 Protect all utilities from damages arising from this work.

1.6 MAINTENANCE

- 1.6.1 Maintain shrubs until acceptance of the work by the Consultant by implementing the following procedures for six weeks after planting:
- 1.6.2 Water weekly or more frequently to keep soil moist about the root area to a depth of 8" (200mm) or more.
- 1.6.3 Cultivate shrub beds to maintain mulch and keep down weeds.
- 1.6.4 After acceptance of the work. inspect the work periodically during the guarantee period and advise the Consultant in writing if maintenance procedures or lack or same are not in accord with good horticultural practice.
- 1.6.5 Failure to carry out inspections and submit inspection reports will be interpreted as acceptance of the Owner's maintenance.

1.7 GUARANTEE

- 1.7.1 Plant materials will be under guarantee to display sustained growth and vigour for one full growing season after acceptance of the work.
- 1.7.2 Acceptance of replacement material by the Consultant will complete the Contractor's guarantee and the contract will be terminated.
- 1.7.3 Replacement of plant materials damaged by vandalism or snow removal operations will not be considered an obligation of the Contractor under the guarantee.

2 MATERIALS

- 2.1.1 Nursery Stock - Will conform to the Guide Specification for Nursery Stock prepared by the Canadian Nursery Trades Association (B.C. 1 No. 5.2 Landscaping).

2.2 NATIVE STOCK

- 2.2.1 Conform to Guide Specification for Nursery Stock in relation to size. shape and condition of health.

2.3 FERTILIZER

- 2.3.1 Deliver dry and free-flowing granular fertilizer to the site in the original unopened containers.

- 2.3.2 Caked or otherwise damaged fertilizer Will not be accepted.
- 2.3.3 The composition of fertilizer will be as follows:
- 2.3.4 For shrubs - activated sludge (1 part)
 - bonemeal (1 part)
- 2.3.5 Cedar Bark - Wood bark chips approximately 2" -3" in length.
- 2.3.6 Peat Moss - A brown, clean horticultural product consisting of partially decomposed vegetable matter of natural occurrence low in mineral and wood content.
- 2.3.7 Topsoil - Where planting is done on grade supply additional topsoil, if required to complete planting.
- 2.3.8 See Landscape Drawing for quantities, type and location.

3 INSPECTION

- 3.1.1 Examine and verify that the surfaces to receive the work are free of defects and errors which would result in a poor installation.
- 3.1.2 Report defects or errors to the Consultant before proceeding with the work.
- 3.2 SHRUBS
 - 3.2.1 Excavate shrub planting beds to a depth of not less than 18" and sufficient to accommodate an entire root system without crowding.
 - 3.2.2 Fill the bottom of the bed with not less than 150mm (6") of topsoil for special planting mix in locations above grade).
 - 3.2.3 Make first application of fertilizer as specified in item
 - 3.2.4 Set plants plumb and in relation to the grade.
 - 3.2.5 Backfill bed with topsoil in 150mm (6") layers carefully tamped to fill all voids.
 - 3.2.6 Water to soak shrub bed.
 - 3.2.7 Mulch to depth of 75mm (3") covering planting bed. Keep mulch material from mixing into topsoil.

3.3 APPLICATION OF PEATMOSS

3.3.1 For plantings on grade locations peatmoss will be mixed into topsoil as follows:

3.3.2 Shrub beds and groundcovers - 1 part peatmoss to 3 parts of topsoil by volume.

3.3.3 Deciduous Trees - one and one half (1 1/2) cu. ft. per inch of trunk diameter per tree.

3.4 APPLICATION OF FERTILIZER

3.4.1 Incorporate fertilizer into topsoil at following rates:

Shrub - (1) One lb. per plant of 1:1 mix of activated sludge and bonemeal. (2) Apply one half of required fertilizer when bottom of shrub bed is covered with first topsoil layer. (3) Apply second half of required fertilizer to top of shrub bed when planting is completed.

3.5 PRUNING

3.5.1.1 Prune all trees and shrubs to compensate for any loss of roots suffered during transplanting. In early spring postpone the pruning of trees submit to bleeding until leaf-out is complete.

3.5.2 Prune to remove dead and injured branches, to correct rubbing or crowding of adjacent branches without damage to lead branches or changing natural shape or habit of the tree.

3.5.3 Coat all cuts 25mm (1") diameter and over and damaged parts with an approved tree paint.

3.6 CLEAN-UP

3.6.1 Remove daily or more often all construction debris as may be necessary to keep site clean and in a safe condition.

3.6.2 Upon completion of all work clean all work areas and remove all excess materials to the approval of the Consultant.

END OF SECTION