

**PART 1 - GENERAL**

1.1 RELATED SECTIONS

- .1 Section 017800 – Closeout Submittals

1.2 REFERENCES

- .1 Departmental Representative's identification of existing survey control points.

1.3 BASIS FOR PAYMENT

- .1 Include costs of examination and preparation in items where required.

1.4 QUALIFICATIONS OF SURVEYOR

- .1 When required, qualified registered land surveyor (or approved equivalent), licensed to practice in Place of Work, acceptable to Departmental Representative.
- .2 Same surveying company should be used for all work within the limit of Work.

1.5 SURVEY REQUIREMENTS

- .1 Establish seven (7) permanent sample plots on site, based on the indications on plans and approval by the Departmental Representative. Record locations, with horizontal and vertical data in Project Record Documents.
- .2 Layout intervention zone limits at the top and at the bottom of the escarpment with a permanent but not noticeable survey marker.
- .3 At the end of the mandate, during year 3, perform a georeferenced survey (vertical and horizontal), of all living plant material on site during the project, indicating the name of species and their dimension (DBH) for trees and height for shrubs. Register this information in a numeric plan (type Cad) and give it to the client. Register only tree with a DBH equal or superior to 25mm and shrubs above 30cm in height.

1.6 LAYOUT REQUIREMENTS

- .1 Stake the site for the purpose of planting work during year 1 and year 3, before the planting work and every time plant material replacement is done during years 1, 2 and 3. The layout of the planting work will be done with flags, without a surveyor.. A series of photographs illustrating the entire planted zones and showing all locations of all plant material will be done by the Contractor. Every plant species will be located with a flag of a specific colour. The same colour will be used for the same species during the contract period.

1.7 EXISTING SERVICES

- .1 Before commencing work, establish location and extent of service lines in area of Work and notify Departmental Representative of findings.

1.8 RECORD

- .1 Maintain a complete, accurate log of the removals and planting works as they progress. This record must include the name and calibre (DBH) of removed trees and shrubs and new trees and shrubs.
- .2 Submit complete photographic record of the existing conditions prior to every phase to the Departmental Representative before commencing Work. Submit photographs to Departmental Representative on CD or USB key.
- .3 Digitally label all photographs with:
  - .1 Project title;
  - .2 Date photograph was taken;
  - .3 Name or short description of the item being photographed.

1.9 SUBMITTAL

- .1 Submit name and address of Surveyor to Departmental Representative.
- .2 On request of Departmental Representative, submit documentation to confirm accuracy of field work.
- .3 Submit certificate signed by surveyor certifying and noting those elevations and locations of completed Work that conform and do not conform to Contract Documents.
- .4 Submit digital copies in Autocad DWG and PDF file formats on completion of survey.
- .5 Include digital and print copies with close out documents.

1.10 SUBSURFACE CONDITIONS

- .1 Promptly notify Departmental Representative in writing if subsurface conditions at Place of Work differ materially from those indicated in Contract Documents, or a reasonable assumption of probable conditions based thereon.
- .2 After prompt investigation, should the Departmental Representative determine that conditions do differ materially, instructions will be issued for changes in Work as provided in Changes and Change Orders.

**PART 2 - PRODUCTS**

NOT USED

PWGSC Building Number:  
40000736  
PWGSC Entity Number:  
P400232

**EXAMINATION AND  
PREPARATION**

**SECTION 017100**

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**PART 3 - EXECUTION**

NOT USED

**\*\*\* END OF SECTION \*\*\***