CITY OF PORTLAND, MAINE
Department of Planning and Urban Development
Inspection Services Division
Approved with Conditions
Date: 10/08/13

NOTES:
REMOVE STAKES AND GUYS AFTER ONE YEAR.

1 DECIDUOUS TREE PLANTING & STAKING
NOT TO SCALE

NOTES:
REMOVE STAKES AND GUYS AFTER ONE YEAR.

2 EVERGREEN TREE PLANTING & GUYING
NOT TO SCALE

3 SHRUB PLANTING
NOT TO SCALE

4 PERENNIAL OR GROUNDCOVER PLANTING
NOT TO SCALE

NOTES:
1. REFER TO DETAIL 1–4 FOR GENERAL PLANTING AND STAKING NOTES.
2. SLOPES 3:1 AND GREATER SHALL RECEIVE AN APPROVED EMBANKMENT STABILIZATION SYSTEM TO CREATE A LEVEL TREE PIT.

5 TREE & SHRUB PLANTING ON SLOPE
NOT TO SCALE

6 TREE & ROOT PROTECTION DETAIL
NOT TO SCALE

NOTE:
USE TREE TRUNK PROTECTION DETAIL WHEN WORK OTHER THAN HAND WORK IS TO BE PERFORMED WITHIN THE DRIP LINE OF THE TREE.

7 TRUNK PROTECTION
NOT TO SCALE

BOULDER PLACEMENT:
PLACE SELECTED BOULDERS AS SHOWN ON PLAN OR AS DIRECTED BY PROJECT LANDSCAPE ARCHITECT SO THEY LOOK AS IF THEY HAVE OCCURRED NATURALLY AND ARE IN A STABLE POSITION. SUBMERGE EACH BOULDER MIN. 1/3 OF THE DIAMETER INTO GROUND SO THAT NO UNDERCUTS ARE SHOWN. HANDLE WITH WOOD–LINED BUCKET OR CLOTH STRAPS TO MINIMIZE SCRATCHING.

8 BOULDERS
NOT TO SCALE

LANDSCAPE SPECIFICATIONS

1.0 DESCRIPTION

A. All applicable portions of General Requirements are to be considered as included with this section.

B. Work under this Section shall include all labor, materials, services, equipment and accessories necessary to furnish and install plant material in complete accordance with the specifications and applicable Drawings.

1.2 QUALITY ASSURANCE

A. Installer's Personnel Qualifications: Reputable landscape contractor with a min. 5 years experience in landscape construction and licensed to perform work as described in this section.

B. Comply with applicable federal, state, county and local regulations governing landscape materials and work.

1.3 WARRANTY

A. Warranty that all plants: (Trees, Shrubs, Perennials, Ornamental Grasses, Groundcovers, etc.) planted under this Contract shall be healthy and in flourishing condition of active growth for one (1) year and all lawns shall be guaranteed for thirty (30) from date of Final Aceptance by Owner.

B. If a replacement plant dies, the contractor shall assist in determining the specific plant issue and advise accordingly. Any damage due to replacement operations shall be repaired by the Contractor. At the end of the warranty period, inspections shall be made by Owner and Project Landscape Architect. All plants not in a healthy growing condition shall be removed and replaced with plants of a like kind and size before the close of the next planting season.

1.4 MATERIALS

A. All plant stock shall be nursery grown and comply with ANSI Z60.1 (American Standard for Nursery Stock).

B. All stock shall be balled and burlapped (B&B), container grown stock, or sod.

C. Damaged plants and plants that do not meet requirements will be rejected.

D. All groundcover sod shall be strongly rooted, free of weeds and undesirable native grasses. Provide only sod capable of vigorous growth and development when planted (viable, not dormant).

E. Mulch: Shredded, dark brown/black bark mulch (no pieces larger than 3" in any direction) at least 6 months old, shall consist of soft wood bark fragments of such size and texture as to successfully resist washing or blowing under normal conditions, but capable of being easily and uniformly spread around the plants. The mulch shall contain no foreign material.

F. Tree Stabilization: Stakes for tree support shall be hardwood free from knots, rot, cross grain or other defects that would impair strength. Chafing guards shall be all the same color on the project

G. Fertilizer: Slow release packets containing the following composition: Nitrogen 16%, Phosphoric Acid 8%, and Potash 16 % (3 packets, spaced equidistant per tree and 1 per shrub at 6-8" depth).

1.6 INSTALLATION

A. Site Preparation: Prior to beginning the work of this section, verify that site grading and planting bed preparation have been properly completed.

B. Seasons for planting, unless otherwise directed by Project Landscape Architect, shall be within the following dates:

1. Potted and Container Grown Plants: Spring 4/1 to 7/15, and Fall 8/15 to 11/15

2. Balled and Burlapped: Spring 4/1 to 7/15, and Fall 8/15 to 10/15

C. Inspection: The landscape contractor shall notify Project Landscape Architect a minimum of 48 hours prior to installation to coordinate inspection and location of plant material.

D. Plant Placement: Plant material locations and bed outlines shall be as indicated on the Landscape Plan or as coordinated in the field by Project Landscape Architect. Turf shall be cut from planting beds by sod cutter or hand cutting. Plant material locations may be adjusted slightly to meet field conditions.

E. Planting: All planting shall be done as shown on drawings and as specified herein and in strict accordance with standard horticultural practices. Dispose of subsoil removed from planting excavations off-site.

F. Groundcover Sod: Do not install if sod is dormant or ground is frozen. Lay sod with tightly fitting joints, no overlaps with staggered strips to offset joints. Anchor sod on slopes to prevent slippage. Do not exceed 3:1 slope. Water thoroughly immediately after planting.

G. Pruning: All dead or damaged branches shall be removed from trees and shrubs.

H. Staking & Guying: Plants shall be staked and guyed within 24 hours of planting according to drawings provided.

I. Mulching:

1. Trees and shrubs: rings around trees and entire shrub or entire planting areas as indicated on Landscape Plan.

2. Planting Areas: 3 inches average thickness of mulch over entire planting area. The edges shall be cut so that the mulch maintains its depth and does not spill onto adjacent surfaces. Edge trimmings shall be removed from the site.

H. Watering: Water shall be tanked to the site by contractor unless other arrangements have been made with the Owner.

I. Clean-up: The Contractor shall remove all debris, construction equipment, excess fill, rocks, and other excess material caused by this work, from the site upon completion of work.

END OF SECTION

not for construction

DRAFTED BY: MAP
CHECKED BY: ABS
PLAN DATE: 07/29/2013
REVISION DATE:

tjd&a
Terrence J. DeWan & Associates
Landscape Architects & Planners

BREAKWATER SCHOOL AND NASON PARK GREENING PROJECT
Portland, Maine

Landscape Details