

TEMPORARY & PERMANENT EROSION & SEDIMENT CONTROL

General

This plan has been developed to provide a strategy for dealing with soil erosion and sedimentation during and after the Deering Place Playspace Project. This plan is based on the Maine Dept. of Environmental Protection's CURRENT Erosion and Sediment Control BMP Manual.

Construction Phase

In order to protect the soil, water, wetland, and wildlife resources of the area, only those areas necessary to construct the site features and install landscaping, as described in the drawings, shall be disturbed.

The following measures shall be mandatory and the responsibility of the Contractor:

- Those areas undergoing actual construction will be left in an untreated or unvegetated condition for a maximum of 14 days from final grading of the loam. Loam will be stockpiled for future use and protected from erosion losses by mulch and filter fabric/hay bale barriers. The location of such stockpiles shall be determined by the Town Public Works Authority at the time of construction.
- Prior to clearing and grubbing the site, hay bales and/or filter fabric will be installed and staked across/along points of concentration and/or grades in excess of 3 percent and at the inlets of all existing culverts and catch basins.
- Prior to clearing and grubbing, filter fabric fencing or hay bale barriers will be staked across the slopes, on the contour, at or just below the limits of construction and/or just above any downslope adjacent property or wetland to protect against construction related erosion.
- Stabilized construction entrances, as required, shall be constructed for ingress and egress from the project site prior to construction.
- All hay bale barriers and silt fencing shall be inspected, replaced, and/or repaired weekly, as well as immediately following any significant rainfall, or when sediment reaches 1/3 the barrier height.
- Final seeding of the disturbed area shall be completed by September 15th of the year of construction. Final vegetation of the site shall not be considered complete until all disturbed areas not otherwise paved has a vegetative cover over at least 90% of its surface.
- During the construction phase, intercepted sediment will be returned to the site and regraded onto open areas. The disposal of post seeding sediment, if any shall, be the responsibility of the Contractor.

Vegetation Plan

Revegetation measures will commence immediately upon completion of construction. All disturbed areas not otherwise stabilized will be graded, smoothed and prepared for final seeding as follows:

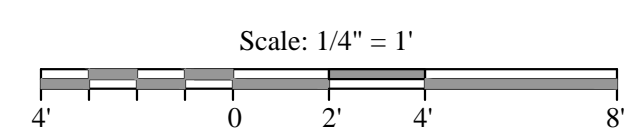
- Four inches of loam will be spread over disturbed areas and smoothed to a uniform surface. Reference Landscape Plan and specifications of planting mix and soil testing requirements.
- Soil amendments shall be as recommended by the State of Maine Testing Laboratory based upon soil sampling. Amendment materials and rates to be approved by Landscape Architect.
- Following seed bed preparation, the landscaped areas shall be planted as shown on the landscaping plans. Areas to be seeded/sodded are shown on the Landscape Plan, shall receive the
- All areas designated for seeding shall be stabilized with a layer of clean, weed-free straw applied at 100% coverage and maintained as necessary until lawn, meadow establishment. Straw mulch shall be applied immediately after seeding.
- All hay bale and filter fabric barriers will remain in place until seedings have become 75% established or as directed by the Landscape Architect.

Monitoring

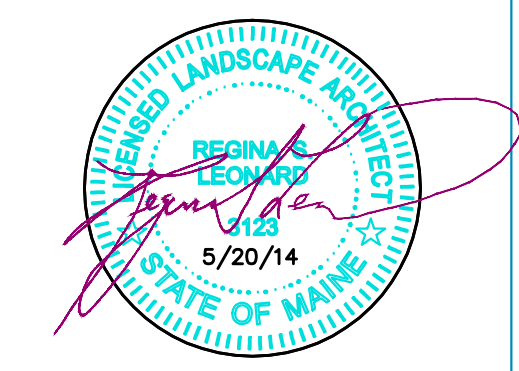
Maintenance measures will be applied as needed during the entire construction cycle. Weekly and after each rainfall, a visual inspection will be made of all installed erosion control measures and repairs will be made as needed to insure their continuing function as designed. Following the final seedings, the site will be inspected every fifteen days until the seedings have been established. Established means a minimum of 75% of area vegetated with vigorous growth. Reseeding will be carried out, with follow up inspections, in the event of any failures.

General Layout/Staking Notes

- Point of Beginning (POB) for all construction layout is as shown on the plan.
- All written dimensions shall prevail; do not scale from drawings.
- Distances shown on site plans are horizontal distances.
- Curb edging sections shall be straight segments set to achieve a smooth curve. Gaps not to exceed 2 inches.
- Contractor shall field verify all dimensions and field verify location of existing plants and utilities as necessary. Any discrepancies shall be reported immediately to the Architect.
- Layout staking shall be approved by landscape architect prior to construction.
- See construction details for dimensions of site elements.
- All dimensions and angles are 90° unless otherwise noted.
- Changes in the layout may be made by landscape architect to meet design intent or respond to field conditions.
- Contractor shall be responsible for verifying required safety zones are met for the slide and climbers.



DATE	REVISION



PREP & LAYOUT PLAN

CONTRACT:	FILE:	OA14
DATE:	5/20/14	SCALE: As Noted