

**CITY OF BATTLE GROUND
SOIL MANAGEMENT PLAN APPLICATION**

Subdivision Name: _____ **Lot Number:** _____

Select one of the following options:

OPTION 1: If organic content of soils are proven to meet 5% organic matter, protect areas from compaction during construction and scarify turf and planting beds immediately surrounding the site and any disturbed areas prior to landscaping.

- The builder will need to provide composition data for compost and/or soil mixes to the Engineering Department to acquire approval for this application.

OPTION 2: Amend existing site topsoil or subsoil.

Scarification. Scarify or till subgrade to 9 inches depth (or to depth needed to achieve a total depth of 12 inches of un-compacted soil after calculated amount of amendment is added). Entire surface should be disturbed by scarification. Do not scarify within drip line of existing trees to be retained. Amend soil to meet required organic content.

A. Planting Beds

Place 3 inches of composted material and rototill into 5 inches of soil (a total amended depth of about 9.5 inches, for a settled depth of 8 inches). Rake beds to smooth and remove surface rocks larger than 2 inches diameter. Mulch planting beds with 2 inches of organic mulch.

B. Turf Areas

Place 1.75 inches of composted material and rototill into 6.25 inches of soil (a total amended depth of about 9.5 inches, for a settled depth of 8 inches). Water or roll to compact to 85% of maximum dry density. Rake to level, and remove surface woody debris and rocks larger than 1 inch diameter.

OPTION 3: Typically only applies to large lots not in an improved subdivision. Stockpile existing topsoil during grading. Replace it before planting. Stockpiled topsoil must be amended to meet the organic matter or depth requirements.

Scarification. If placed topsoil plus compost or other organic material will amount to less than 12 inches: Scarify or till subgrade to depth needed to achieve 12 inches of loosened soil after topsoil and amendment are placed. Entire surface should be disturbed by scarification. Do not scarify within drip line of existing trees to be retained. Stockpile and cover soil with weed barrier material that sheds moisture yet allows air transmission, in approved location, prior to grading. Replace stockpiled topsoil prior to planting. Amend if needed to meet required organic content.

A. Planting Beds

Place 3 inches of composted material and rototill into 5 inches of replaced soil (a total amended depth of about 9.5 inches, for a settled depth of 8 inches). Rake beds to smooth and remove surface rocks larger than 2 inches diameter. Mulch planting beds with 2 inches of organic mulch or stockpiled duff.

B. Turf Areas

Place 1.75 inches of composted material and rototill into 6.25 inches of replaced soil (a total amended depth of about 9.5 inches, for a settled depth of 8 inches). Water or roll to compact soil to 85% of maximum dry density. Rake to level, and remove surface rocks larger than 1 inch diameter.

- The builder will need to call for inspection when the existing topsoil is stockpiled.

OPTION 4: Import topsoil mix of sufficient organic content and depth to meet the requirements.

Scarification. Scarify or till subgrade in two directions to 6 inches depth. Entire surface should be disturbed by scarification. Do not scarify within drip line of existing trees to be retained.

A. Planting Beds

Use imported topsoil mix containing 10% organic matter (typically around 40% compost). Soil portion must be sand or sandy loam as defined by the USDA.

Place 3 inches of imported topsoil mix on surface and till into 2 inches of soil.

Place second lift of 3 inches topsoil mix on surface. Rake beds to smooth, and remove surface rocks over 2 inches diameter. Mulch planting beds with 2 inches of organic mulch.

B. Turf Areas

Use imported topsoil mix containing 5% organic matter (typically around 25% compost). Soil portion must be sand or sandy loam as defined by the USDA.

Place 3 inches of imported topsoil mix on surface and till into 2 inches of soil.

Place second lift of 3 inches topsoil mix on surface. Water or roll to compact soil to 85% of maximum. Rake to level, and remove surface rocks larger than 1 inch diameter.

SIGNATURE

I certify that I will complete the soil management requirements as chosen above.

Applicant's Signature: _____ **Date:** _____