

TOPSOIL:

THE FOLLOWING REQUIREMENTS APPLY TO ALL TOPSOIL WHETHER ACQUIRED FROM THE JOBSITE OR IMPORTED FROM OFFSITE:

TOPSOIL SHALL BE A FERTILE, NATURAL LOAM, CAPABLE OF SUSTAINING HEALTHY PLANT GROWTH, CONTAINING A MINIMUM OF 5% ORGANIC MATTER, TO A MAXIMUM OF 25% BY VOLUME

TOPSOIL TO BE AMENDED IN ACCORDANCE WITH THE RECOMMENDATIONS OF AN ASSOCIATED SOILS REPORT TO ENSURE MINIMUM ORGANIC CONTENT.

TOPSOIL SHALL BE LOOSE AND FRIABLE, SCREENED TO BE FREE OF SUBSOIL, CLAY LUMPS, STONES, ROOTS OR ANY OTHER DELETERIOUS MATERIAL GREATER THAN 25mm DIAMETER.

TOPSOIL SHALL BE SCREENED PRIOR TO DELIVERY

TOPSOIL SHALL BE FREE OF ALL LITTER AND TOXIC MATERIALS THAT MAY BE HARMFUL TO PLANT GROWTH.

TOPSOIL CONTAINING SOD CLUMPS, CRABGRASS, COUCHGRASS OR OTHER NOXIOUS WEEDS IS NOT ACCEPTABLE.

TOPSOIL SHALL NOT BE DELIVERED OR PLACED IN A FROZEN OR EXCESSIVELY WET CONDITION.

TOPSOIL ACIDITY / ALKALINITY SHALL BE IN THE RANGE OF 6.0PH TO 7.5PH. TOPSOIL IN EXCESS OF 7.5PH SHALL BE AMENDED TO REDUCE ALKALINITY IN ACCORDANCE WITH THE RECOMMENDATIONS OF AN ASSOCIATED SOILS REPORT THAT IS ACCEPTABLE BY THE TOWN.

TOPSOIL TESTING

TOPSOIL TESTING SHALL BE COMPLETED BY AN ACCREDITED AGENCY APPROVED BY THE TOWN OF WHITBY, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE DESIGN CRITERIA AND ENGINEERING STANDARDS, SECTION G 5.00, SOIL REQUIREMENTS AND TESTING.

TOPSOIL SHALL BE TESTED TO CONFIRM SOIL TYPE, (I.E. PERCENTAGE OF SAND, SILT, CLAY AND ORGANIC CONTENT), MACRO AND MICRONUTRIENT CONTENT AND PH LEVELS.

TEST RESULTS SHALL BE FORWARDED TO THE TOWN OF WHITBY CONSTRUCTION INSPECTOR PRIOR TO COMMENCEMENT OF TOPSOIL PLACEMENT.

FERTILIZERS AND SOIL AMENDMENTS PER TOPSOIL TEST RESULTS SHALL BE INCORPORATED AT TIME OF TOPSOIL PLACEMENT OR DURING PLANTING / SODDING / SEEDING OPERATIONS.

TOPSOIL DEPTH

THE CONSULTING LANDSCAPE ARCHITECT SHALL COORDINATE WITH CIVIL ENGINEERING AND SITE WORKS OPERATIONS TO ENSURE THE MINIMUM DEPTH TOPSOIL IS ACCOUNTED FOR IN SOIL BALANCING CALCULATIONS AND IS PROVIDED ON SITE.

TOPSOIL DEPTH REQUIREMENTS:

- 1. STORM WATER MANAGEMENT FACILITIES
 - a. ACTIVE STORAGE AND UPLAND AREAS: 450MM MINIMUM CONTINUOUS DEPTH
 - b. FRINGE AND AQUATIC AREAS (TO WATER DEPTH OF 1.0m WITHIN THE PERMANENT POOL): 300MM MINIMUM CONTINUOUS DEPTH
- 2. CREATED OR DISTURBED OPEN SPACE LANDS, BUFFERS: 300mm MINIMUM CONTINUOUS DEPTH
- 3. FEATURED PLANTING AREAS, MEDIANS, ROUNDABOUTS & SHRUB PLANTING BEDS: (OR AS SPECIFIED) 300mm MINIMUM CONTINUOUS DEPTH
- 4. TREE PIT ROOTING ZONES (ENG STD. #514.0) 600mm MINIMUM CONTINUOUS DEPTH
- 5. SODDED / SEEDED AREAS: 150mm MINIMUM CONTINUOUS DEPTH
- 6. RESIDENTIAL LOTS: 150mm MINIMUM CONTINUOUS DEPTH

THE CONSULTING LANDSCAPE ARCHITECT SHALL CONFIRM, IN WRITING TO THE TOWN OF WHITBY LANDSCAPE / CONSTRUCTION INSPECTORS, THE MINIMUM DEPTH OF TOPSOIL PLACED PRIOR TO PLANTING, SEEDING OR SODDING OPERATIONS.

THE CORPORATION OF THE TOWN OF WHITBY		PLANNING & DEVELOPMENT DEPARTMENT	
CHECKED		<h1>TOPSOIL NOTES</h1>	DWG. DATE: JANUARY 2021
APPROVED			REVISION No.: 002
SCALE:	N.T.S		REVISION DATE: MAY. 2022
			DWG No. 753