



CI-0206

TAB 2: SITE INFRASTRUCTURE AND DEVELOPMENT
Landscaping

NATIVE TREES GUIDELINE

Common Name	Attributes	Light	Soil	Moisture	Height
Red Maple	Orange to bright red fall colour	Full Sun, partially shade	Sand, loam	Moist-wet	25 m
Silver Maple	Fast growing, tolerant	Full Sun, partially shade	Sand, loam, clay	Moist-wet	35 m
Blue Beech	Interesting thin, smooth, slate grey bark	Shade, partially Sun	Loam, sandy-loam	Moist	8 m
Bitternut Hickory	Fast growing	Full Sun, partially shade	Sand, loam	Moist	20 m
Hackberry	Fast growing, tolerant	Full Sun, partially shade	Loam, clay	Dry-wet	15 m
Red Cedar	Provides food & shelter for wildlife, tolerant	Full Sun	Sand, loam	Dry-moist	4 m
Tulip Tree	Golden yellow fall colour	Full Sun	Loam	Moist	25 m
Black Tupelo	Salt tolerance, dark red fall colour	Full Sun	Loam	Dry-wet	15 m
White Spruce	Provides wildlife habitat, salt tolerance, year-round screening	Full Sun, partially shade	Sand, loam, clay	Moist	25 m
Sycamore	Interesting, peeling bark	Full Sun, partially shade	Sand, loam, clay	Moist-wet	30 m
Trembling Aspen	Leaves flutter in wind, fast growing, tolerant	Full Sun	Sand, loam, clay	Moist	25 m
Bur Oak	Provides food and shelter for wildlife	Full Sun, partially shade	Loam, clay	Dry-wet	15 m
Red Oak	Fast growing, wildlife value	Full Sun, partially shade	Sand to loamy-clay	Dry-moist	25 m
White Cedar	Provides wildlife habitat	Full Sun,	Sand, loam,	Dry-wet	15 m



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		partially shade	clay		
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Consultants are encouraged to generate site specific solutions that enhance the site conditions and are consistent with the surrounding context.

COMFORT AND SAFETY

- > Planting shall not interfere with sightlines at any roadway and intersections; and
- > Landscaping shall not compromise site illumination levels.

GENERAL PLANT SPECIFICATIONS

Install plant material that meets or exceeds the following minimum sizes:

- > Deciduous street trees 70 mm calliper;
- > Deciduous trees 60 mm calliper;
- > Small deciduous trees 50 mm calliper;
- > Coniferous trees 1500 mm ht.;
- > Deciduous shrubs 600 mm ht.;
- > Coniferous shrubs 600 mm ht. or spread; and
- > Perennials 2 years container grown.

SOIL QUALITY SPECIFICATIONS

Good quality soil shall consist of a minimum 0.9 m* depth, over and above any required drainage system and/or granular material, of sandy loam soil with the following composition:

- > Sand (50%-60%);
- > Silt (20%-40%);
- > Clay (6%-10%);
- > Organic (2%-5%); and
- > pH = 7.5 or less.