

PLANT SCHEDULE SITE PLAN

CODE	QTY	DETAIL	BOTANICAL NAME	COMMON NAME	SIZE	CONT.	NATIVE	DRGHT TOL.	SALT TOL.
DECIDUOUS TREES									
AN	113		ACER NIGRUM	BLACK MAPLE	70MM CAL.	B&B	X	X	
AS	10		ACER SACCHARUM	SUGAR MAPLE	70MM CAL.	W.B.	X	X	
BP	6		BETULA PAPIRIFERA	PAPER BIRCH	70MM CAL.	B&B	X	X	X
CO	9		CELTIS OCCIDENTALIS	COMMON HACKBERRY	70MM CAL.	W.B.	X	X	X
GT	6		GLEDITSIA TRICACANTHOS INERMIS 'SKYLINE'	SKYLINE HONEY LOCUST	70MM CAL.	B&B	X	X	X
GN	9		GYMNOCLADUS DIOICUS	KENTUCKY COFFEETREE	70MM CAL.	W.B.	X	X	
QM	6		QUERCUS MACROCARPA	BURR OAK	70MM CAL.	B&B	X	X	
QP	5		QUERCUS PALUSTRIS	PIN OAK	70MM CAL.	B&B	X	X	X
QR	5		QUERCUS RUBRA	RED OAK	70MM CAL.	W.B.	X	X	X
TA	5		TILIA AMERICANA	AMERICAN LINDEN	70MM CAL.	W.B.	X	X	
UA	9		ULMUS AMERICANA 'VALLEY FORGE'	VALLEY FORGE AMERICAN ELM	70MM CAL.	B&B	X	X	X
PERENNIALS									
AN	112		ACHILLEA MILLEFOLIUM	COMMON YARROW	1 GAL.	POT	X	X	X
AT	98		ASCLEPIAS TUBEROSA	BUTTERFLY MILKWEED	1 GAL.	POT	X	X	X
Hx	49		HELLEBORUS X HYBRIDUS 'SPANISH FLARE'	SPANISH FLARE HONEYMOON HELLEBORE	1 GAL.	POT	X	X	X
HI	108		HEMEROCALLIS X 'MIDSUMMER NIGHTINGALE'	MIDSUMMER NIGHTINGALE DAYLILY	1 GAL.	POT	X	X	X
Rh	340		RUDBECKIA HIRTA	BLACK-EYED SUSAN	1 GAL.	POT	X	X	X
Ec	256		ECHINACEA PURPUREA 'KIMS KNEE HIGH'	KIMS KNEE HIGH CONEFLOWER	1 GAL.	POT	X	X	X

LEGEND

- PROPERTY BOUNDARY
- + DECIDUOUS TREE
- SHRUBS / PERENNIALS
- SOD

- General Notes**
- Do not scale the drawings. All dimensions are in millimetres unless noted otherwise.
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 - The contractor shall check and verify all existing and proposed grading and conditions on the project and immediately report any discrepancies to the consultant before proceeding with any work.
 - The contractor is to be aware of all existing and proposed services and utilities. The contractor is responsible for having all underground services and utility lines staked by each agency having jurisdiction prior to commencing work.
 - Final location of the street trees to be determined on site by the Landscape Architect based on final locations of utilities. All boulevard deciduous trees shall have rodent protection collars installed at initial planting.
 - This drawing is to be used for development approval only. For layout of all work refer to construction drawings.
 - Do not leave any holes open overnight.
 - Keep area outside construction zone clean and useable by others at all times. Contractor shall thoroughly clean areas surrounding the construction zone at the end of each work day.
 - Contractor to make good any and all damages outside of the development area that may occur as a result of construction at no extra cost.
 - This drawing is Copyright MHBC Planning, 2025.

2.	February 07, 2025	Issued for SPA	PD
1.	January 30, 2025	Issued for Review	MB


Revision No. Date Issued / Revision By



PLANNING URBAN DESIGN & LANDSCAPE ARCHITECTURE
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Stamp Date January 2025



Drawn By MB

Plan Scale 1:400

File No. 24365 B

Checked By PD

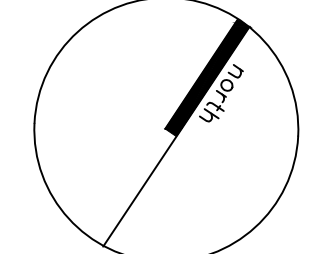
Other

NOT FOR CONSTRUCTION

All drawings and specifications are instruments of service and will remain the property of MHBC Planning and must be returned at the completion of the work. This drawing shall not be used for construction purposes unless the drawings are marked 'Issued for Construction' and the professional seal is signed and dated by the landscape architect.

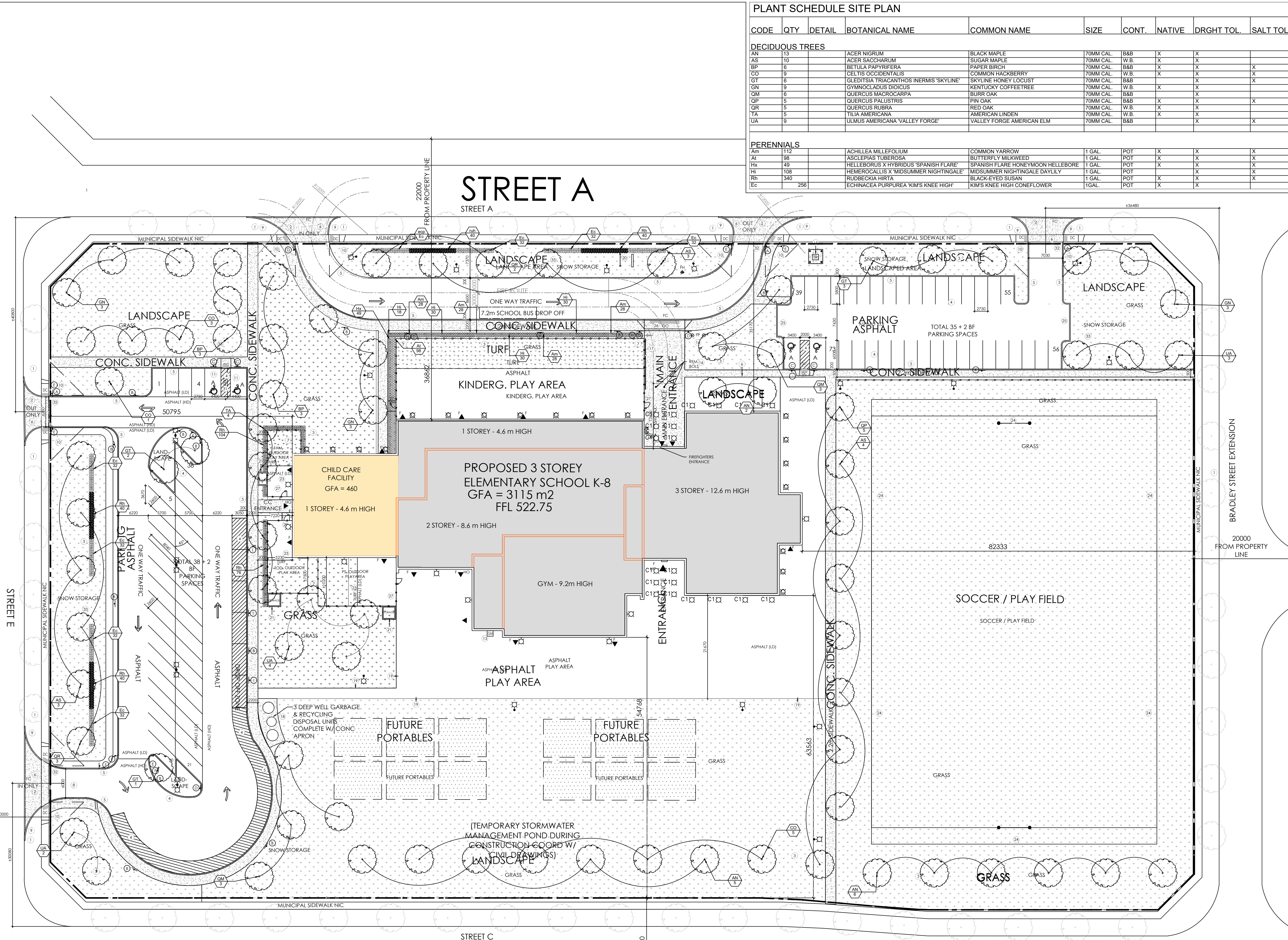
Project

BWDSB NEW SCHOOL
TOWNSHIP OF SOUTHGATE, ON



File Name Dwg No.

LANDSCAPE PLAN L-1



LANDSCAPE SPECIFICATIONS:

All sod shall conform to the standards of the Nursery Sod Growers Association of Ontario. All sodded areas shall be prepared with a minimum of 100mm of topsoil and sodded with #1 bluegrass - fescue nursery sod. On slopes, lay the turf pieces horizontally across the slope, starting at the bottom. For areas with a 2:1 slope or greater stake sod to hold in place with 1/2" x 1" x 12" pegs at two-foot spacings. Unless soil tests suggest otherwise, fertilizer shall be applied as follows:
 Sodded areas: 11-9-4 (11% nitrogen, 8% phosphorous, 4% potash) at 4.5 kg/m².
 Planting beds: 7-7-7 (7% nitrogen, 7% phosphorous, 7% potash) at 0.12 kg/m², and bone meal at 0.58 kg/m² of planting soil mixture as outlined below.

All planting beds are to be continuous, and excavated to a minimum depth of 450mm unless noted otherwise. Planting beds are to be filled with a soil mixture composed of six (6) parts sand loam, two (2) parts well rotted manure, and one (1) part peat moss, in addition to the fertilizers specified above.

All plant material shall conform to the standards of the Canadian Nursery Trades Association. All plant material is to be clay grown stock. Install all plant material as shown on the planting plan and details. Use only viable nursery stock grown in strict accordance with proper horticultural practices which is free from damage, pests, and disease.

All beds are to be covered with a 75mm depth of clean, shredded pine bark mulch by Gro-Bark or approved equal unless noted otherwise. Guying and staking of trees shall conform to the planting details. Wrap all deciduous trees as per the specifications of the Ontario Landscape Contractors Association.

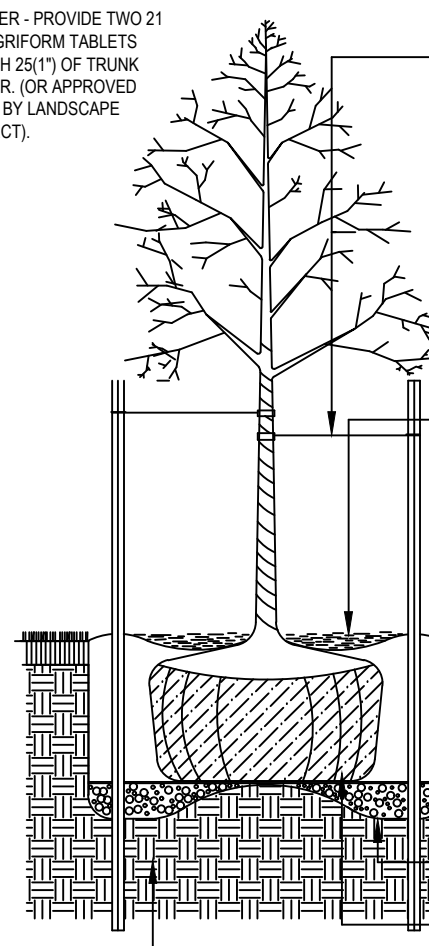
The contractor will observe proper maintenance procedures for all newly constructed landscape work as per Section 1E (Maintenance Work) of Landscape Ontario's specifications. Unless otherwise noted, this will apply during the construction period only. The contractor shall maintain all planting and sodding until final acceptance is granted by the Landscape Architect.

The contractor will be responsible for the protection of all plant material from damages resulting from winter conditions as well as rodents during the warranty period. Apply "Skoot" rodent deterrent formula (or approved equal) to all coniferous trees and all shrubs in late October as per manufacturer's directions.

The contractor shall provide a full one year guarantee (or two years if required by the municipality or owner) on all landscape works, beginning on the date that final acceptance is granted by the Landscape Architect.

NOTE: T-RAILS TO BE REMOVED AT COMPLETION OF WARRANTY PERIOD.

FERTILIZER - PROVIDE TWO 21 GRAM AGRIFORM TABLETS FOR EACH 25% OF TRUNK DIAMETER (OR APPROVED METHOD BY LANDSCAPE ARCHITECT).



LOOP GUYWIRES AROUND MAIN STEM ABOVE SECOND BRANCH. ATTACH GUYWIRES TO STEEL T-RAIL STAKES. STAKES TO EXTEND 800mm BELOW BOTTOM OF TREE PIT AND BE PLACED SO AS NOT TO DAMAGE THE TREE OR ROOT SYSTEM. WIRE TO BE ENCASED IN 12mm DIA. BLACK RUBBER HOSE WHERE IN CONTACT WITH TREE.

MAINTAIN ORIGINAL GRADE AT TREE BASE OR SET SLIGHTLY HIGHER TO ALLOW FOR SETTLEMENT. FORM SAUCER AROUND ROOT BALL WITH PLANTING SOIL FOR TREES PLANTED ON HILLSIDES. LEAVE LOWER SIDE OF PLANTING PIT OPEN TO ALLOW FOR DRAINAGE.

75mm MULCH AS SPECIFIED. KEEP MULCH 100mm AWAY FROM TRUNK AND OUT TO A 1m RADIUS FROM TRUNK.

CUT AND REMOVE BURLAP AND ROPE FROM TOP 1/3 OF ROOT BALL. WHEN TREE IS SUPPLIED IN WIRE BASKET, CUT BASKET COMPLETELY AND REMOVE ALL NON-BIODEGRADABLE WRAPPINGS FROM ROOT BALL.

PLANTING SOIL MIXTURE AS SPECIFIED. PROVIDE MINIMUM OF 300mm SOIL AROUND ROOT BALL. BACKFILL SOIL TO BE TAMPED FIRMLY IN PLACE TO ELIMINATE AIR POCKETS AND PREVENT SETTLEMENT.

SCARIFY BOTTOM AND SIDES OF TREE PIT.

FILTER FABRIC OVER 150mm PEAGRAVEL.

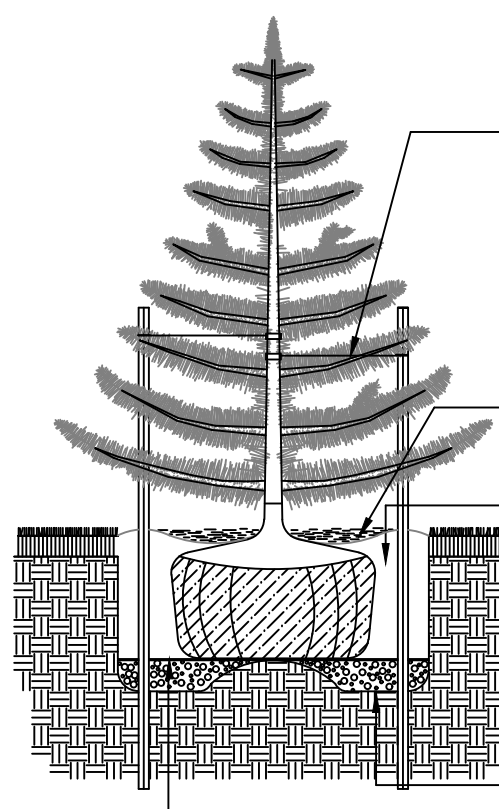
UNDISTURBED SUBGRADE FOR TREES UNDER 70mm CAL. USE 2 SUPPORT STAKES. FOR LARGER TREES USE 3 SUPPORT STAKES. REMOVE GUYWIRES AND TREE STAKES AT END OF WARRANTY PERIOD.

PRUNE PLANTS TO REMOVE DEAD OR INJURED MEMBERS ONLY. MAINTAIN THE NATURAL CHARACTER AND SHAPE OF THE SPECIES. DO NOT CUT A LEADER BRANCH.

2 Deciduous Tree Planting Detail
n.t.s.

NOTE: T-RAILS TO BE REMOVED AT COMPLETION OF WARRANTY PERIOD.

FERTILIZER - PROVIDE TWO 21 GRAM AGRIFORM TABLETS FOR EACH 25% OF TRUNK DIAMETER (OR APPROVED METHOD BY LANDSCAPE ARCHITECT).



PRUNE PLANTS TO REMOVE DEAD OR INJURED MEMBERS ONLY. MAINTAIN THE NATURAL CHARACTER AND SHAPE OF THE SPECIES. DO NOT CUT A LEADER BRANCH.

LOOP GUYWIRES AROUND MAIN STEM APPROXIMATELY HALF WAY UP THE TREE CAUSING MINIMAL DISTURBANCE TO BRANCHES. TREE TIE TO BE FASTENED AROUND THE TREE IN A FIGURE EIGHT. ATTACH GUYWIRES TO 37 X 37 X 5 THICK STEEL T-RAIL STAKES. WIRE TO BE ENCASED IN 12mm DIA. BLACK RUBBER HOSE WHERE IN CONTACT WITH TREE.

SET TREE 50mm HIGHER THAN SURROUNDING GRADE TO ALLOW FOR SETTLEMENT. FORM SAUCER AROUND ROOT BALL WITH PLANTING SOIL.

75mm MULCH AS SPECIFIED. KEEP MULCH 100mm AWAY FROM TRUNK AND OUT TO A 1m RADIUS FROM TRUNK.

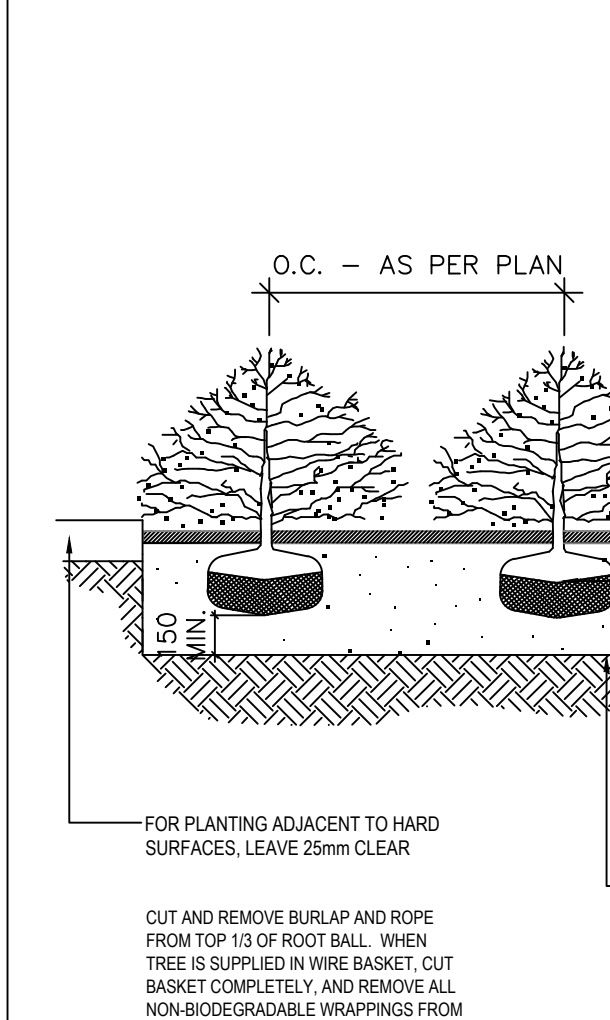
PLANTING SOIL MIXTURE AS SPECIFIED. PROVIDE MINIMUM OF 300mm SOIL AROUND ROOT BALL. BACKFILL SOIL TO BE TAMPED FIRMLY IN PLACE TO ELIMINATE AIR POCKETS AND PREVENT SETTLEMENT.

CUT AND REMOVE BURLAP AND ROPE FROM TOP 1/3 OF ROOT BALL. WHEN TREE IS SUPPLIED IN WIRE BASKET, CUT BASKET COMPLETELY AND REMOVE ALL NON-BIODEGRADABLE WRAPPINGS FROM ROOT BALL.

SCARIFY BOTTOM AND SIDES OF TREE PIT.

FILTER FABRIC OVER 150mm PEA GRAVEL.

3 Coniferous Tree Planting Detail
n.t.s.



SET SHRUB AT GRADE ORIGINALLY GROWN IN NURSERY (WITH ALLOWANCE FOR SETTLING)

75mm MULCH AS SPECIFIED. KEEP MULCH 100mm AWAY FROM TRUNK AND OUT TO A 1m RADIUS FROM TRUNK.

100mm DEPTH SOIL SAUCER FINISHED GRADE.

B&B - REMOVE TOP 1/3 OF BURLAP POTTED - REMOVE POT AND REMOVE ALL NON-BIODEGRADABLE WRAPPINGS FROM ROOT BALL.

PLANTING SOIL MIXTURE AS SPECIFIED. MINIMUM DIMENSIONS AROUND ROOT BALL TO BE 150mm. BACKFILL SOIL TO BE TAMPED FIRMLY INTO PLACE TO ELIMINATE AIR POCKETS AND PREVENT SETTLEMENT. WATER SOIL MIXTURE IMMEDIATELY AFTER PLANTING.

SCARIFY SURFACE OF SUBSOIL AT SIDES AND BOTTOM OF BED PRIOR TO PLANTING.

FERTILIZER - PROVIDE TWO 21 GRAM AGRIFORM TABLETS PER INDIVIDUAL SHRUB (OR APPROVED METHOD BY LANDSCAPE ARCHITECT).

NOTE: ALL PLANTING BEDS ARE TO BE A MINIMUM OF 1.2m WIDE.

4 Shrub Planting Detail
n.t.s.

1 Landscape Specifications
n.t.s.

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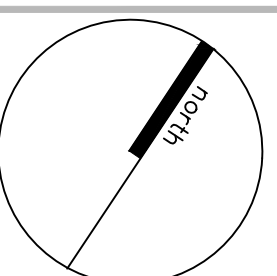
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		Checked By	PD
	Other		
Project	BWDSB NEW SCHOOL TOWNSHIP OF SOUTHGATE, ON		
File Name	LANDSCAPE DETAILS		Dwg No. L-2