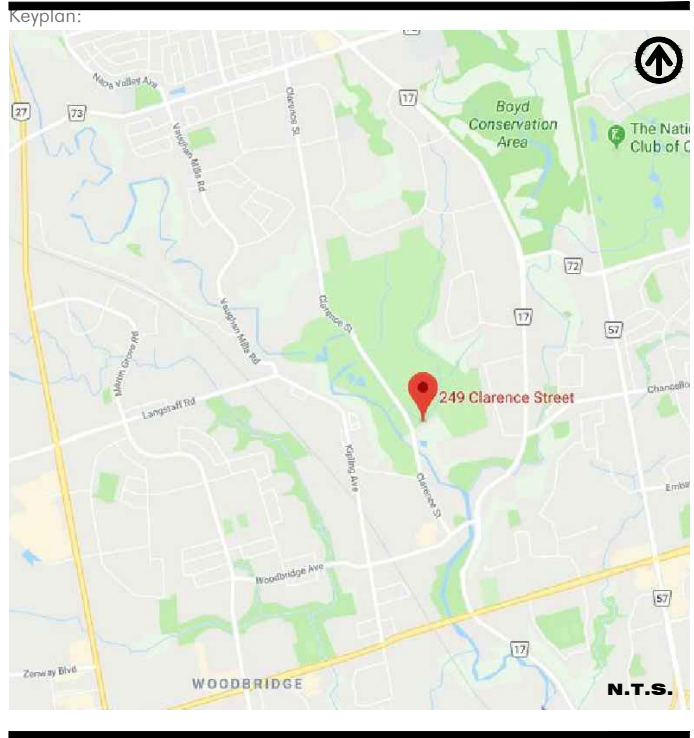




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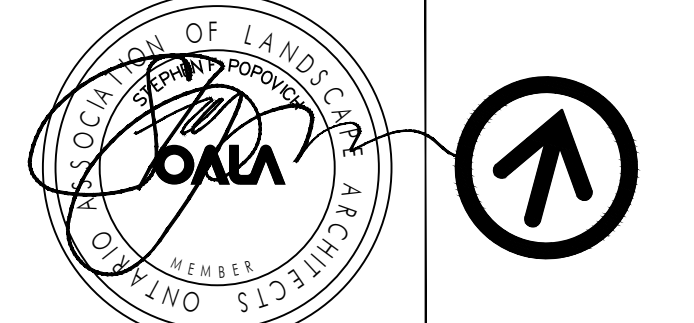
LEGEND

- UNIT PAVERS:
1L CAMPO BY UNILOCK
10X30X7cm IN COLOUR 'GRANITE'
HERRINGBONE PATTERN
- SOD
- SEED MIX
- MINIMUM TREE PROTECTION ZONE
- TREE PROTECTION FENCING
- RECOMMENDED TREE REMOVALS DUE TO CONDITION
- REQUIRED TREE REMOVALS

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Client Info:
C.Y. Lee Architect Inc.
200 Finch Avenue West, Suite 348
Toronto, ON M2R 3W4

Sheet Title:
LANDSCAPE PLAN

Project Number:	1381	Sheet Number:	L1
Drawn By:	GB		
Checked By:	SP		
Date:	OCT 2018		
Scale:	AS NOTED		

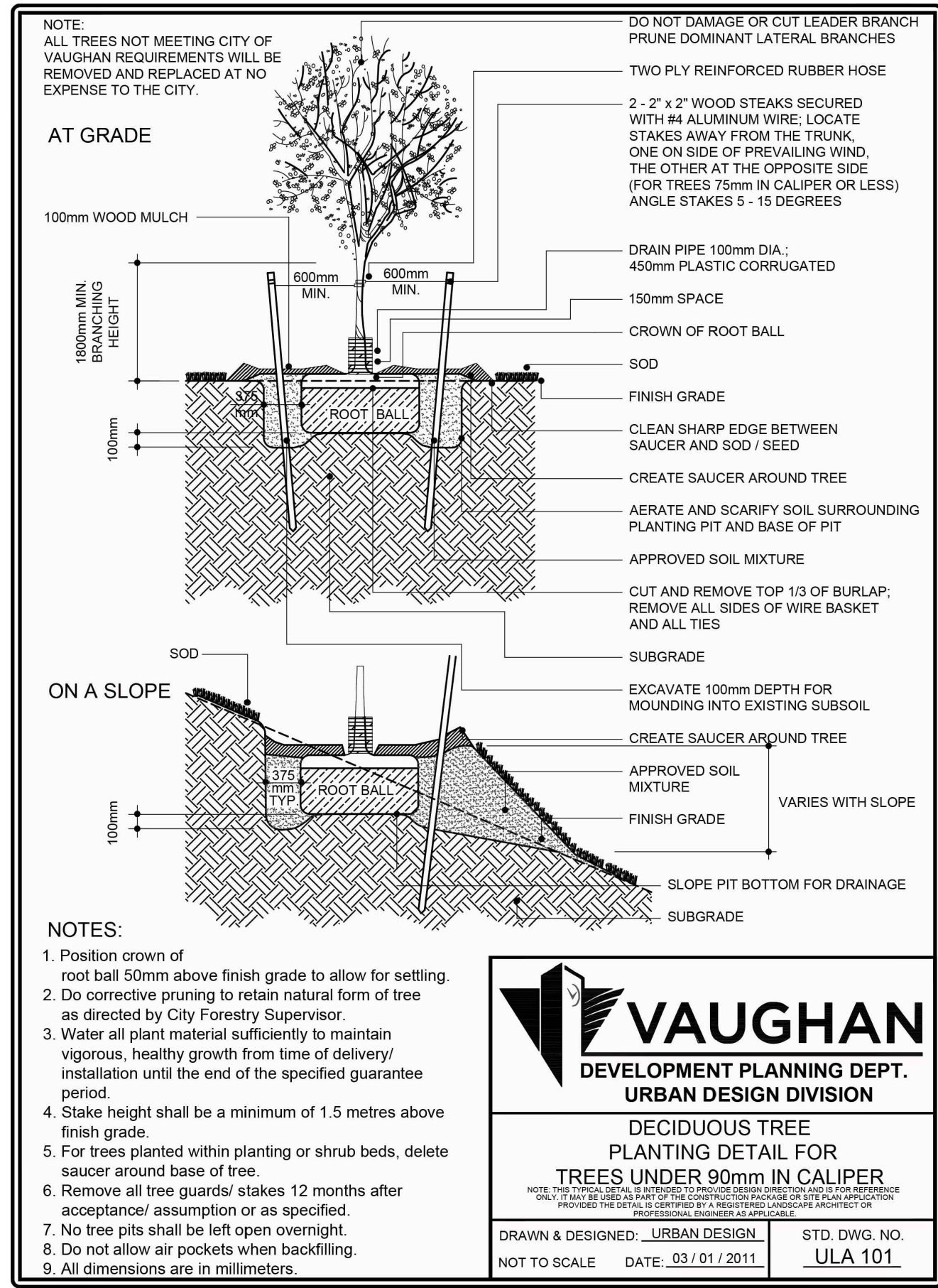


1 LANDSCAPE PLAN
1:250

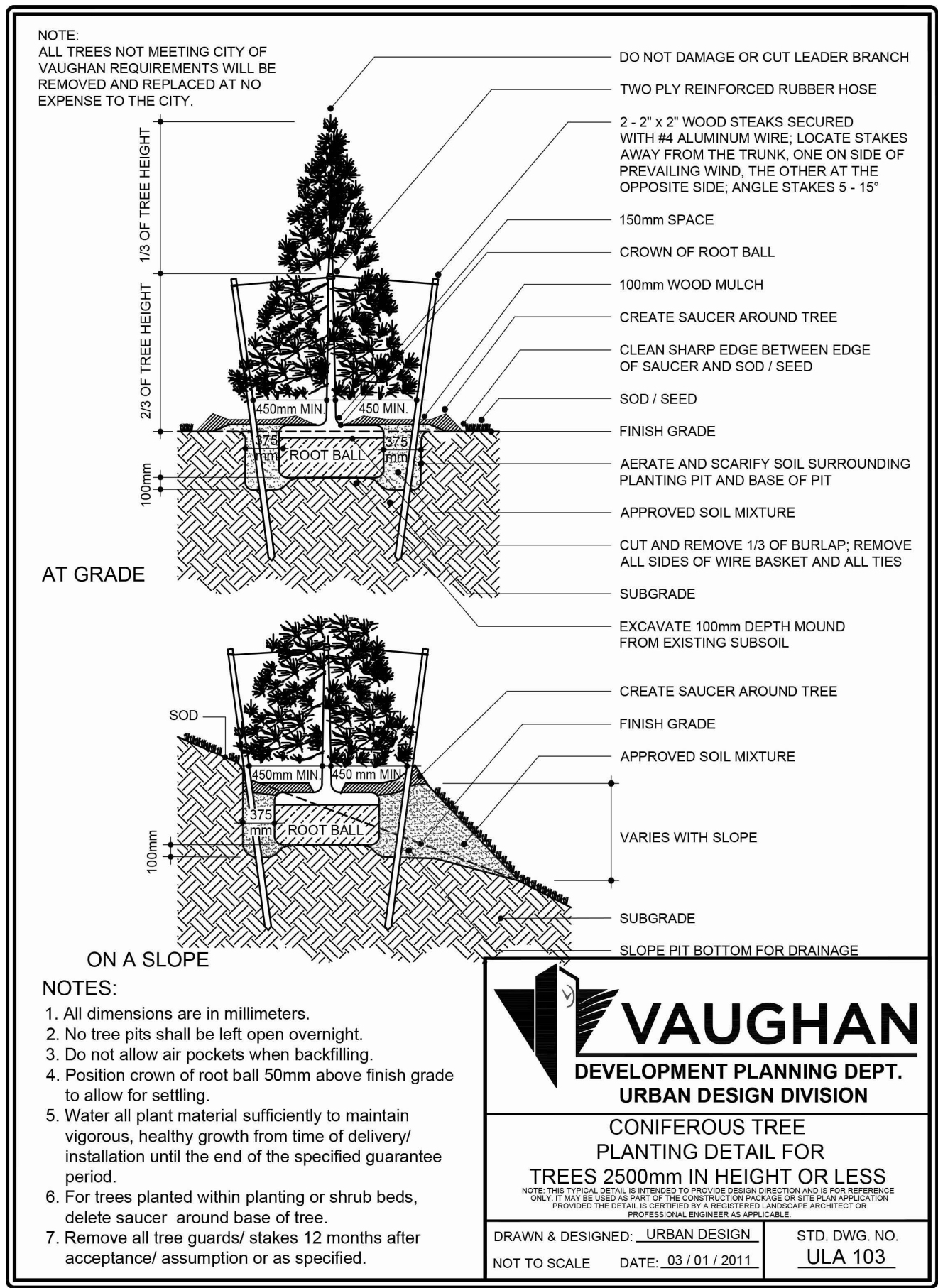
DECIDUOUS TREES						
QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE-CAL	ROOT	REMARKS	NATIVE
3	Acer rubrum	Red Maple	70mm Cal.	W.B.	Straight trunk, evenly branched heads	YES
4	Acer saccharum	Sugar Maple	70mm Cal.	W.B.	Straight trunk, evenly branched heads	YES
2	Quercus rubra	Red Oak	70mm Cal.	W.B.	Straight trunk, evenly branched heads	YES
CONIFEROUS TREES						
QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE-CAL	ROOT	REMARKS	NATIVE
2	Pinus strobus	White Pine	200cm ht.	W.B.	Straight, evenly branched, dense plants	YES
3	Picea glauca	White Spruce	200cm ht.	W.B.	Straight, evenly branched, dense plants	YES
DECIDUOUS SHRUBS						
QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE-CAL	ROOT	REMARKS	NATIVE
4	Amelanchier canadensis (Shrub)	Shadblow Serviceberry Clump	80cm Ht./5 Gallon min.	Cont.	Evenly branched, Min 3 canes	YES
6	Cornus stolonifera	Red Osier Dogwood	50cm Ht./3 Gallon min.	Cont.	Full, dense plant	YES
15	Diervilla lonicera	Bush Honeysuckle	40cm Ht./3 Gallon min.	Cont.	Full, dense plant	YES
28	Rubus odoratus	Purple Flowering Raspberry	2 Gallon	Cont.	Full, dense plant	YES
5	Viburnum lentago	Nannyberry	50cm Ht./3 Gallon min.	Cont.	Full, dense plant	YES
5	Viburnum trilobum	Highbush Cranberry	50cm Ht./3 Gallon min.	Cont.	Full, dense plant	YES
CONIFEROUS SHRUBS						
QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE-CAL	ROOT	REMARKS	NATIVE
10	Taxus x media 'Hicksii'	Hicks Yew	1000mm ht./3 Gallon min.	Cont.	Full, dense plant	NO

2 PLANT SCHEDULE
1:250

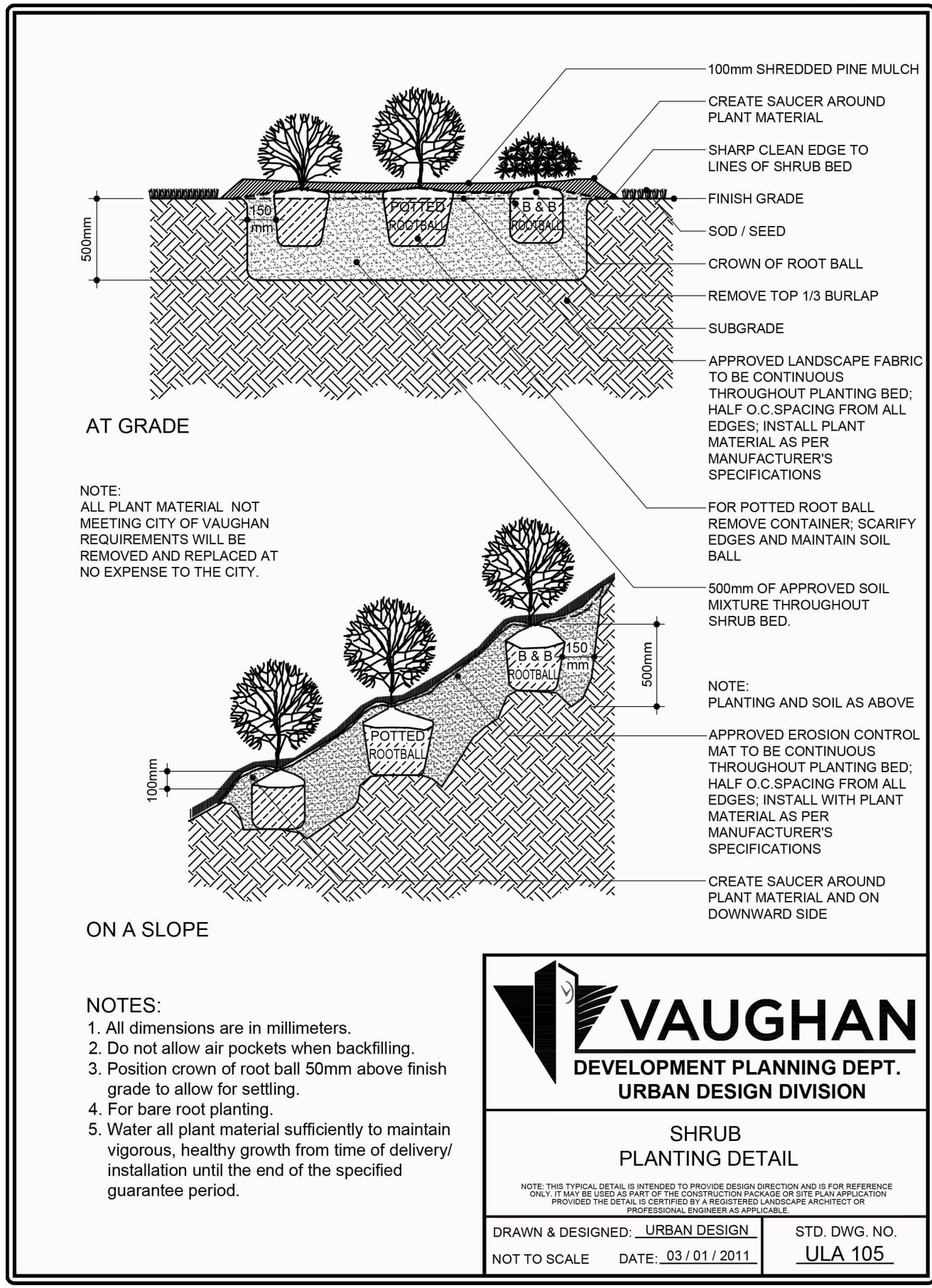
1
L2 DECIDUOUS TREE PLANTING DETAIL



2
L2 CONIFEROUS TREE PLANTING DETAIL



3
L2 SHRUB PLANTING DETAIL



SOD & TOPSOIL NOTES:

TOPSOIL (SOD AREAS)

- IMPORTED TOPSOIL: FRIABLE, NEITHER HEAVY CLAY NOR OF VERY LIGHT SANDY NATURE, CONTAINING A MINIMUM OF 4% ORGANIC MATTER FOR CLAY LOAM AND 2% SANDY LOAMS TO A MAXIMUM OF 10% BY VOLUME. FREE FROM SUBSOIL, ROOTS, GRASS, WEEDS, TOXIC MATERIALS, STONES, FOREIGN OBJECTS AND WITH AN ACIDITY RANGE (pH) OF 5.5 TO 7.5. TOPSOIL CONTAINING CRABGRASS, COUCH GRASS OR NOXIOUS WEEDS IS NOT ACCEPTABLE.
- TOPSOIL FROM SITE: MATERIAL SUBJECT TO SOIL ANALYSIS FOR SUITABILITY AS A GROWING MEDIUM FOR SEEDING OR SODDING AND APPROVAL BY ARCHITECT/LANDSCAPE ARCHITECT/OWNER PRIOR TO USE. COSTS BORNE BY CONTRACTOR.

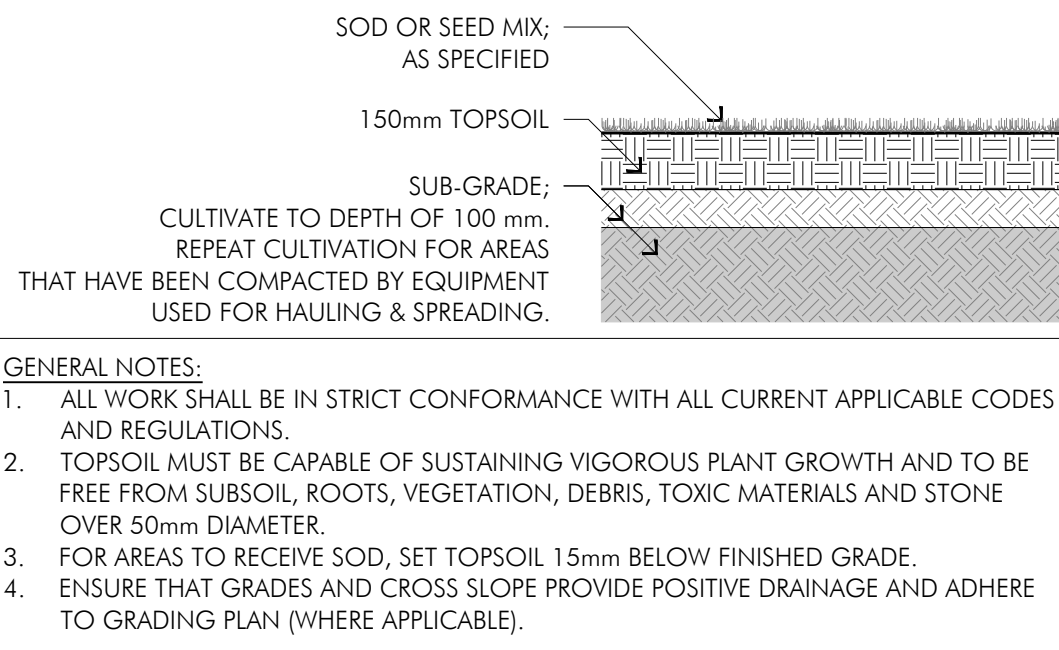
FINISHED GRADING

- DO NOT SPREAD TOPSOIL UNTIL CONSULTANT HAS INSPECTED AND APPROVED SUBGRADE. CAUSING DELAYS.
- SPREAD TOPSOIL WITH ADEQUATE MOISTURE IN UNIFORM LAYERS DURING DRY WEATHER. OVER APPROVED, DRY, UNFROZEN SUBGRADE, WHERE SODDING OR SEEDING.
- FOR AREAS NOT TO BE SODDED, BRING TOPSOIL UP TO FINISHED GRADE.
- DISPOSE OF SURPLUS TOPSOIL NOT REQUIRED FOR FINE GRADING AND LANDSCAPING, OFF SITE.

SODDING

- SCHEDULE DELIVERIES IN ORDER TO KEEP STORAGE AT JOB SITE TO A MINIMUM WITHOUT CAUSING DELAYS.
- DELIVER, UNLOAD, AND STORE ON PALLETS.
- DURING WET WEATHER, ALLOW SOD TO DRY SUFFICIENTLY TO PREVENT TEARING DURING LIFTING AND HANDLING.
- DURING DRY WEATHER, PROTECT SOD FROM DRYING AND WATER SOD AS NECESSARY TO ENSURE ITS VITALITY AND PREVENT DROPPING OF SOIL IN HANDLING. DRY SOD WILL BE REJECTED.
- NURSERY SOD: QUALITY AND SOURCE TO COMPLY WITH STANDARDS OUTLINED IN THE METRIC GUIDE SPECIFICATION FOR NURSERY STOCK, SECTION 17.1, 1984 EDITION, PUBLISHED BY THE CANADIAN NURSERY TRADES ASSOCIATION. NUMBER ONE KENTUCKY BLUEGRASS SOD: GROWN FROM MINIMUM MIXTURE OF THREE KENTUCKY BLUEGRASS CULTIVARS.
- OBTAIN APPROVAL OF TOPSOIL, GRADE AND DEPTH PRIOR TO LAYING SOD.
- LAY SOD DURING GROWING SEASON. SODDING DURING FREEZING TEMPERATURES OR OVER FROZEN SOIL IS NOT ACCEPTABLE. IF LAYING SOD DURING DRY SUMMER PERIOD, ENSURE SURVIVAL WITH IMMEDIATE DAILY WATERING UNTIL TIME OF FINAL INSPECTION.
- LAY SOD IN ROWS, PERPENDICULAR TO SLOPE, AND WITH JOINTS STAGGERED. BUTT SECTIONS CLOSELY WITHOUT OVER-LAPPING OR LEAVING GAPS BETWEEN SECTIONS. CUT OUT IRREGULAR OR THIN SECTIONS WITH A SHARP KNIFE.
- STAKE ALL SOD ON SLOPES GREATER THAN 5:1 (20%) 10. PROVIDE CLOSE CONTACT BETWEEN SOD AND SOIL BY MEANS OF LIGHT ROLLING. HEAVY ROLLING TO CORRECT IRREGULARITIES IN GRADE IS NOT PERMITTED.
- WATER IMMEDIATELY AFTER SOD IS LAID TO OBTAIN MOISTURE PENETRATION THROUGH SOD INTO TOP 100mm (4") OF TOPSOIL.
- PROVIDE ADEQUATE PROTECTION OF NEW SODDED AREAS AGAINST EROSION, FOOT TRAFFIC, AND MECHANICAL DAMAGE. REMOVE PROTECTION AFTER LAWN AREAS HAVE BEEN ESTABLISHED OR ACCEPTED.
- CLEAN UP IMMEDIATELY SOIL OR DEBRIS SPILLED ONTO PAVEMENT AND DISPOSE OF DELETERIOUS MATERIALS.
- SODDED AREAS WILL BE ACCEPTED AT FINAL INSPECTION AND WARRANTY PERIOD BEGINS PROVIDED THAT:
 - SODDED AREAS ARE PROPERLY ESTABLISHED
 - SOD IS FREE OF BARE AND DEAD SPOTS AND WITHOUT WEEDS
 - NO SURFACE SOIL IS VISIBLE WHEN GRASS HAS BEEN CUT TO A HEIGHT OF 40mm (1.5")
 - SODDED AREAS HAVE BEEN CUT A MINIMUM OF TWO TIMES
 - SOD JOINTS BETWEEN ROLLS ARE NEAT AND TIGHT WITH NO VISIBLE DIRT AREAS
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN SOD UNTIL TIME OF FINAL ACCEPTANCE. MAINTENANCE OF SOD DURING WARRANTY PERIOD IS THE RESPONSIBILITY OF THE OWNER.
- MAINTENANCE TASKS INCLUDE ALL OF THE FOLLOWING:
 - WATERING
 - FERTILIZING
 - WEED CONTROL
 - CUTTING AND MOWING
- SUBMIT SEPARATE MAINTENANCE COST FOR COORDINATION BY OWNER DURING WARRANTY PERIOD ONLY.

4
L2 SOD DETAIL



SEED MIXES:

NATIVE MEADOW SEED MIX TO BE INSTALLED WITH ANNUAL VARIETY COVER CROP, PROVIDING SHORT TERM EROSION AND WEED CONTROL, WHILE NATIVE MEADOW SEED MIX ESTABLISHES.
CONTACT ONTARIO SEED COMPANY (OSCC) OR APPROVED EQUIVALENT FOR SOURCING.

UPLAND NATIVE MEADOW SEED MIX		
PERCENTAGE	BOTANICAL NAME	COMMON NAME
10	<i>Rudbeckia hirta</i>	Black Eyed Susan
1	<i>Aster cordifolius</i>	Blue Wood (Heart Leaved Aster)
1	<i>Anemone canadensis</i>	Canada Anemone
2	<i>Solidago canadensis</i>	Canada Goldenrod
2	<i>Asclepias syriaca</i>	Common Milkweed
25	<i>Oenothera biennis</i>	Evening Primrose
1	<i>Euthamia graminifolia</i>	Grass Leaved Goldenrod
15	<i>Carex granularis</i>	Meadow/Open Field Sedge
1	<i>Aster novae-angliae</i>	New England Aster
40	<i>Elymus riparius</i>	Riverbank Wild Rye
1	<i>Clematis virginiana</i>	Virgins Bower
1	<i>Monarda fistulosa</i>	Wild Bergamot
ANNUAL VARIETY COVER CROP		
PERCENTAGE	BOTANICAL NAME	COMMON NAME
100	<i>Avena sativa</i>	Common Oats

APPLICATION:

RATE:
FOR LARGE AREAS: 22kg/ha (20 lbs/acre) FOR SMALL AREAS: 250g/90m² (½ lb/1000 sq.ft.)

TIME:

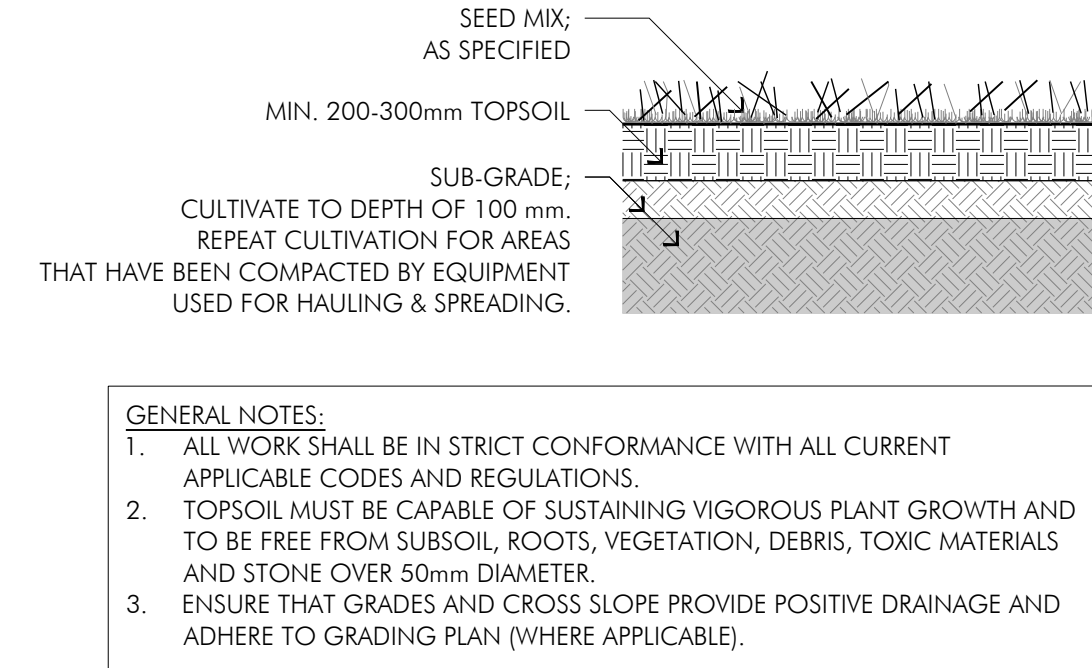
- APPLICATION TO BE MADE AS SOON AS POSSIBLE FOLLOWING COMPLETION OF WORK, INCLUDING PLANTING OF BUFFER TREES AND SHRUBS.
- IDEAL RECOMMENDED APPLICATION TIME TO BE IN MID-FALL, ALLOWING FOR STRATIFICATION OF THE SEED.
- EARLY SPRING SOWING IS NOT RECOMMENDED, AS SEEDS MAY GO DORMANT AND NOT GERMINATE UNTIL FOLLOWING YEAR, IF IDEAL GROWING CONDITIONS ARE UNAVAILABLE, MAKING IT MUCH LESS EFFECTIVE COMPARED TO FALL.
- SEEDS SHOULD NOT BE SOWN DURING DROUGHT PRONE SEASON (JUNE THROUGH AUGUST)
- SEEDS SHOULD NOT BE SOWN DURING LATE FALL, AS CROP COVER WILL NOT HAVE AN OPPORTUNITY TO GERMINATE PRIOR TO WINTER FREEZE.

APPROACH:

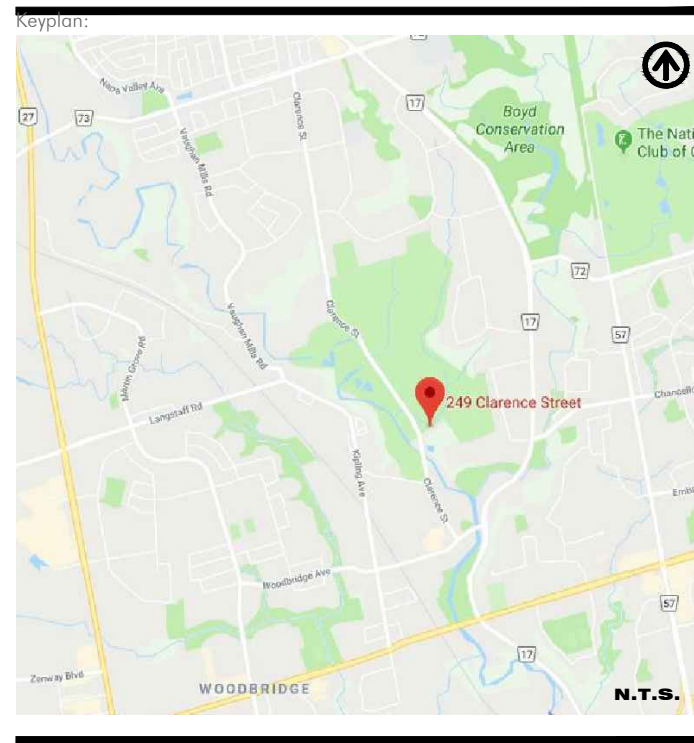
- APPLY 200-300mm MINIMUM OF FINELY PREPARED TOPSOIL SEEDBED TO ALL AREAS DISTURBED AS A RESULT OF CONSTRUCTION/DEVELOPMENT. ENSURE THAT TOPSOIL SEEDBED IS FREE OF SEEDS AND TUBERS OF INVASIVE EXOTICS, PRIOR TO APPLICATION.
- SEED APPLICATION TO BE SOWN AT A DEPTH OF 15mm INTO FINELY PREPARED TOPSOIL SEEDBED.
- ALTERNATIVE APPLICATION APPROACHES TO BE APPROVED BY TRCA.
- MINIMIZE USE OF HEAVY EQUIPMENT WHERE POSSIBLE AND AT ALL TIMES WHEN GROUND IS SATURATED TO AVOID UNNECESSARY SOIL COMPACTION.
- THE APPLICATION OF EROSION CONTROL BLANKETS SHOULD BE INCLUDED UNTIL SEEDING IS WELL ESTABLISHED.
- THE APPLICATION OF FULLY BIODEGRADABLE WOVEN NETTING EROSION CONTROL MATTING/ BLANKETS OR HYDRO SEEDING TACTIFIER SHALL BE APPLIED.

APPLICATION:

HYDRO SEED UPLAND NATIVE MEADOW SEED MIX
COMPLETE SLURRY TO BE APPLIED PER HECTARE
i) SEED MIXTURE AS SPECIFIED - 26kg
ii) MULCH - 1000kg
iii) WATER (MINIMUM) - 10,000 litres
iv) FERTILIZER - 450 kg



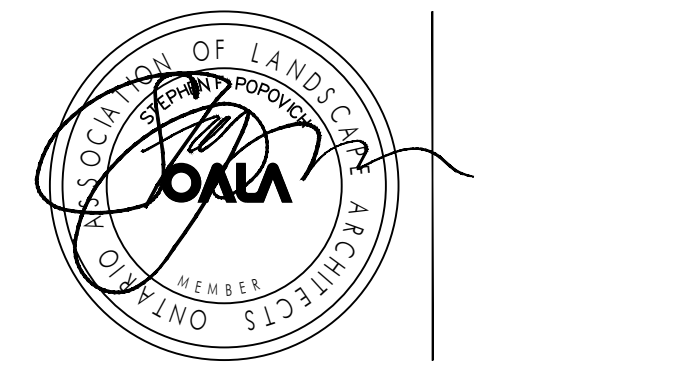
5
L2 SEED DETAIL



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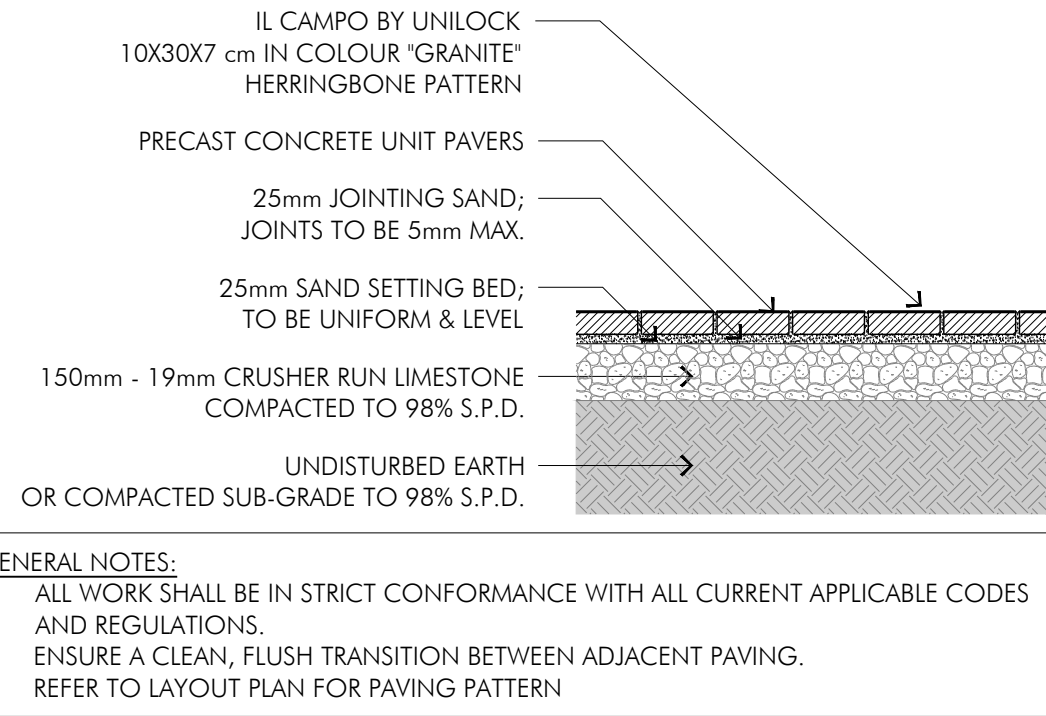
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Rock Community Church
249 Clarence Street, Woodbridge, ON

Client Info:
C.Y. Lee Architect Inc.
200 Finch Avenue West, Suite 348
Toronto, ON M2R 3W4

Sheet Title:
PLANTING DETAILS

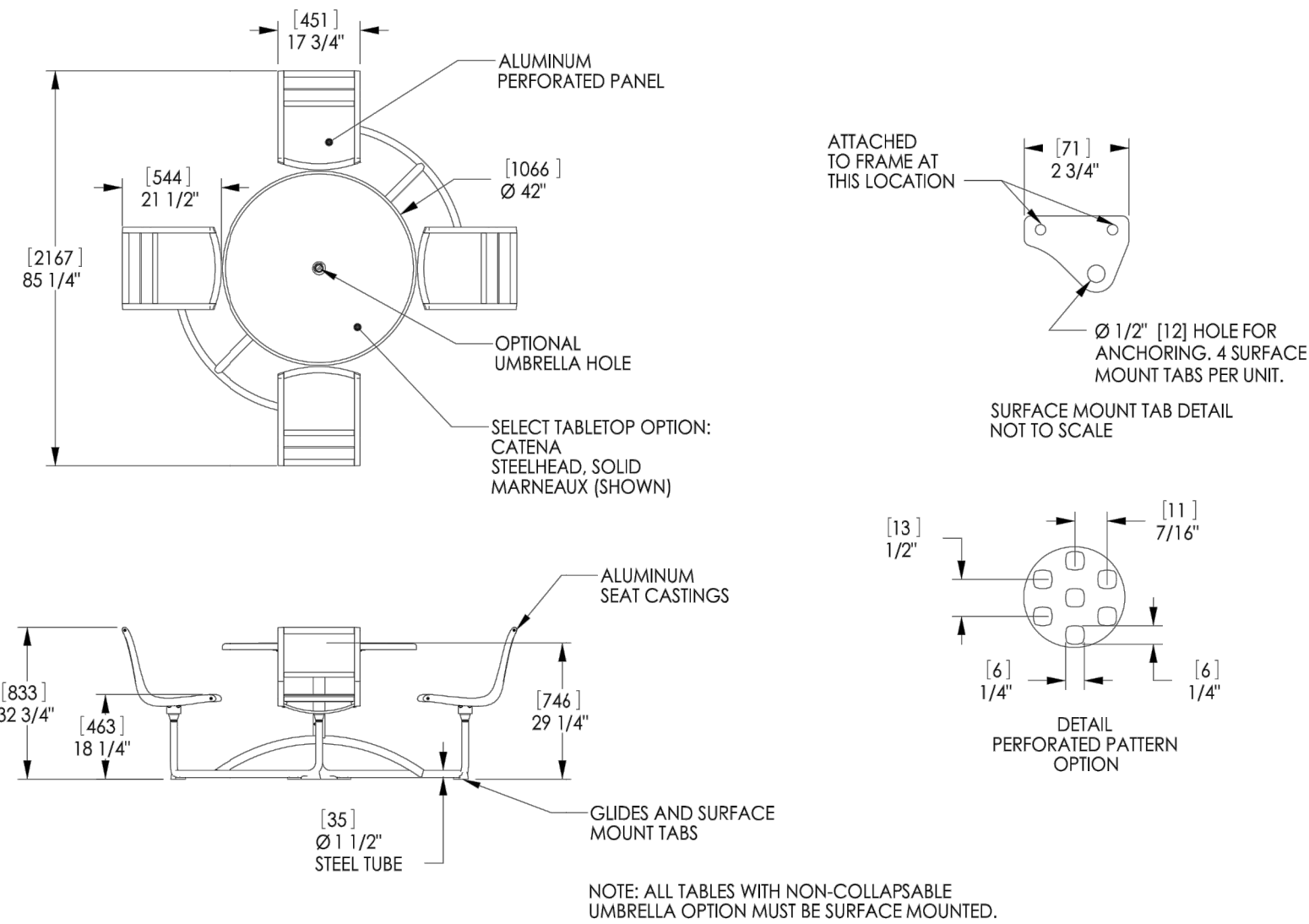
Project Number:	1381	Sheet Number:	L2
Drawn By:	GB		
Checked By:	SP		
Date:	OCT 2018		
Scale:	AS NOTED		



1
L3
UNIT PAVERS ON AGGREGATE BASE
1:20

Mingle® Table, Backed 4 seat, Surface mount, Perf
Product Drawing

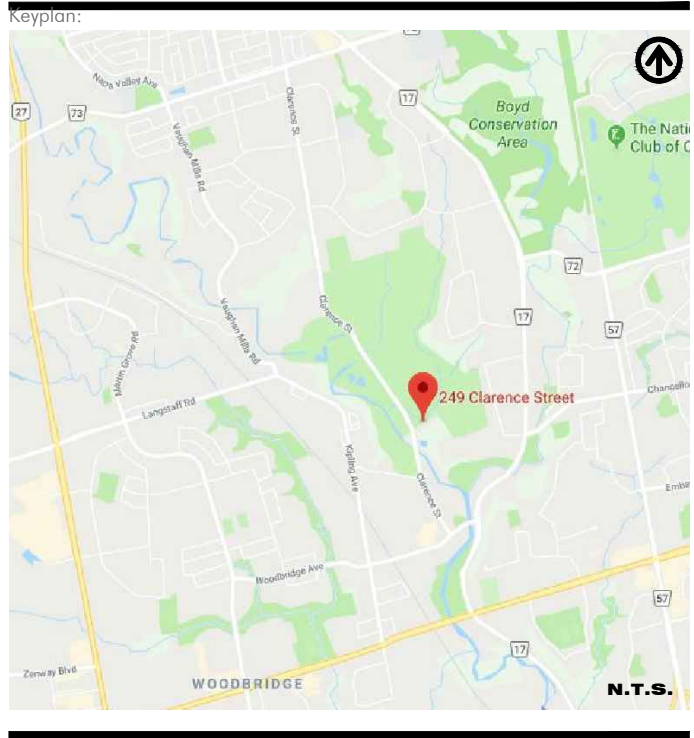
Date: 12/20/2011
www.landscapeforms.com Ph: 800.521.2546



landscapeforms Drawing: MG614-04
Dimensions are in inches [mm]
U.S. Patent No. D613,566

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2
L3
MINGLE TABLE
NTS



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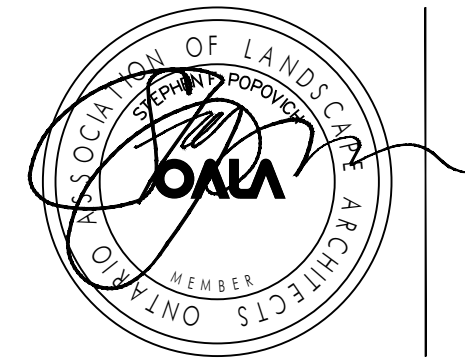
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