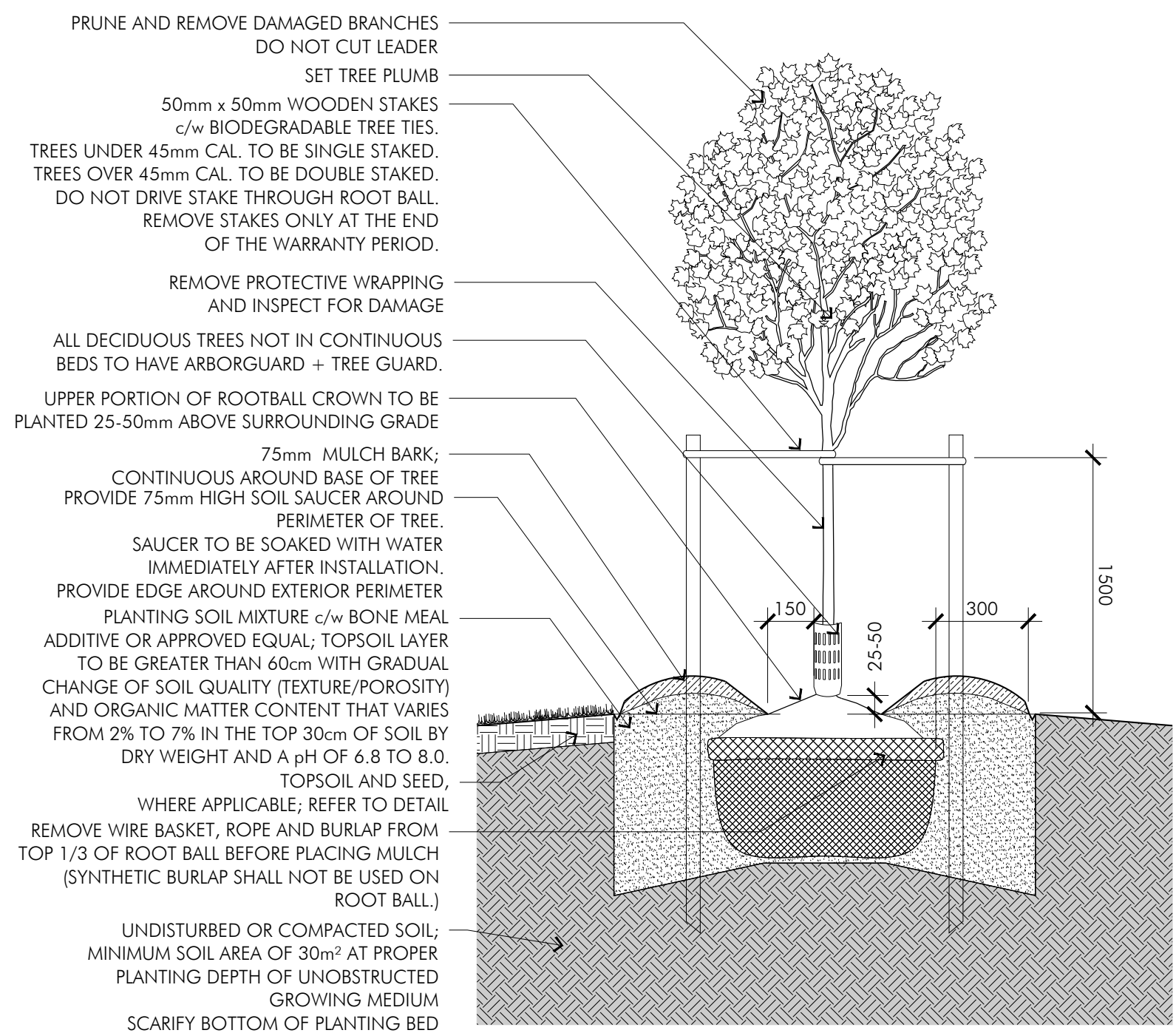


GENERAL NOTES:

1. ALL WORK SHALL BE IN STRICT CONFORMANCE WITH ALL CURRENT APPLICABLE CODES AND REGULATIONS.
2. HAND DIG PLANTING HOLE AND LOOSEN SURFACE SOIL.
3. ALLOW FOR SETTLEMENT WHEN SETTING PLANTS, SET PLANTS 50mm HIGHER THAN ADJACENT FINISHED GRADE.
4. BACKFILL SOIL IN 150mm LIFTS AND HAND TAMP TO PREVENT AIR POCKETS.
5. CAREFULLY REMOVE ANY LOOSE SOIL FROM TOP OF ROOT BALL.

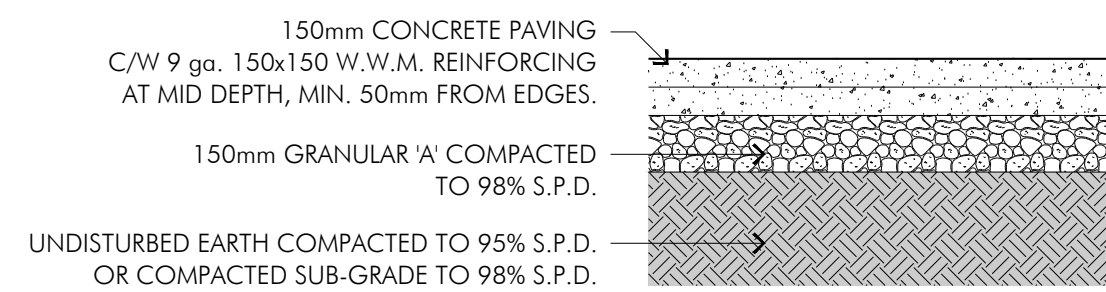
1 CONIFEROUS TREE PLANTING DETAIL



DESIGN NOTES:

1. ALL WORK SHALL BE IN STRICT CONFORMANCE WITH ALL CURRENT APPLICABLE CODES AND REGULATIONS.
2. HAND DIG PLANTING HOLE AND LOOSEN SURFACE SOIL.
3. ALLOW FOR SETTLEMENT WHEN SETTING PLANTS, SET PLANTS 50mm HIGHER THAN ADJACENT FINISHED GRADE.
4. BACKFILL SOIL IN 150mm LIFTS AND HAND TAMP TO PREVENT AIR POCKETS.
5. CAREFULLY REMOVE ANY LOOSE SOIL FROM TOP OF ROOT BALL.

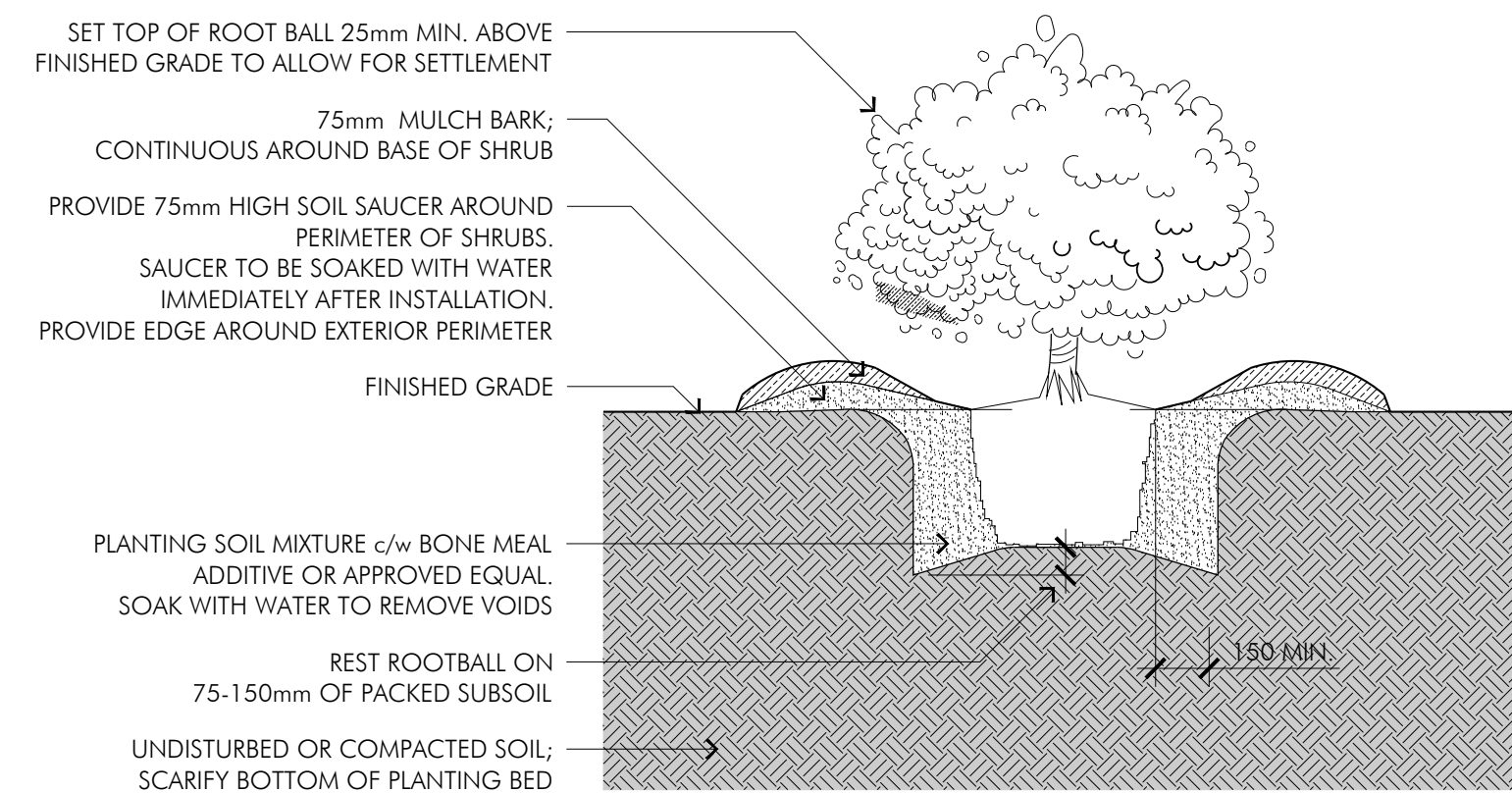
2 DECIDUOUS TREE PLANTING DETAIL



GENERAL NOTES:

1. ALL WORK SHALL BE IN STRICT CONFORMANCE WITH ALL CURRENT APPLICABLE CODES AND REGULATIONS.
2. ENSURE A CLEAN, FLUSH TRANSITION BETWEEN CONCRETE PAVING AND ADJACENT MATERIALS.
3. ALL EXPOSED SURFACES OF CONCRETE TO BE BRUSHED FINISH, RUNNING PERPENDICULAR TO DIRECTION OF PEDESTRIAN FLOW.
4. ALL CONCRETE TO HAVE A COMPRESSIVE STRENGTH OF 32MPa C/W 5-8% AIR ENTRAINMENT.

3 PEDESTRIAN SIDEWALK DETAIL



GENERAL NOTES:

1. ALL WORK SHALL BE IN STRICT CONFORMANCE WITH ALL CURRENT APPLICABLE CODES AND REGULATIONS.
2. CONTAINER SIZE, AS SPECIFIED.
3. PLANTING BEDS TO HAVE 25-50mm SHREDDED BARK MULCH, SET MULCH MIN. 40mm AWAY FROM ROOT FLARE/TRUNK.
4. REMOVE ALL DEBRIS AND CONTAMINATED SOIL FROM PLANTING SPACE PRIOR TO PLANTING AND LOOSEN SURFACE SOIL OF PLANTING HOLE.
5. HAND DIG PLANTING HOLE TO THE DEPTH OF ROOTBALL SUCH THAT THE TRUNK FLARE IS FLUSH WITH THE PAVING ELEVATION.
6. ALLOW FOR SETTLEMENT WHEN SETTING PLANTS, SET PLANTS 25-50mm HIGHER THAN ADJACENT FINISHED GRADE.
7. BACKFILL GROWING MEDIUM IN LIFTS AS SPECIFIED PER OPEN PLANTER CONDITION, AND HAND TAMP ONCE HALF THE PLANTING HOLE IS FILLED TO PREVENT AIR POCKETS. ONCE 2/3 OF DEPTH OF PLANTING HOLE IS BACKFILLED, FILL REMAINING SPACE WITH WATER. ONCE WATER HAS PENETRATED GROWING MEDIUM, FILL TO FINISH GRADE. SOAK GROWING MEDIUM IMMEDIATELY AFTER PLANTING TO ENSURE FULL CONTACT BETWEEN ROOTBALL AND GROWING MEDIUM.
8. CAREFULLY REMOVE ANY LOOSE SOIL FROM TOP OF ROOT BALL.

4 SHRUB PLANTING DETAIL

SODDING:

TOPSOIL (SOD AREAS)

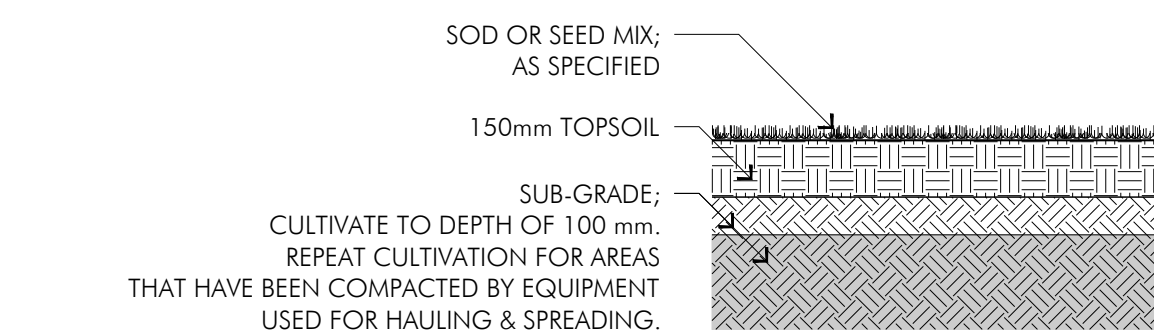
1. IMPORTED TOPSOIL: FRIABLE, NEITHER HEAVY CLAY NOR OF VERY LIGHT SANDY NATURE, CONTAINING A MINIMUM OF 4% ORGANIC MATTER FOR CLAY LOAM AND 2% SANDY LOAMS TO A MAXIMUM OF 10% BY VOLUME. FREE FROM SUBSOIL, ROOTS, GRASS, WEEDS, TOXIC MATERIALS, STONES, FOREIGN OBJECTS AND WITH AN ACIDITY RANGE (pH) OF 5.5 TO 7.5. TOPSOIL CONTAINING CRABGRASS, COUCH GRASS OR NOXIOUS WEEDS IS NOT ACCEPTABLE.
2. 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

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

SODDING

1. SCHEDULE DELIVERIES IN ORDER TO KEEP STORAGE AT JOB SITE TO A MINIMUM WITHOUT CAUSING DELAYS.
2. DELIVER, UNLOAD, AND STORE ON PALLETS.
3. DURING WET WEATHER, ALLOW SOD TO DRY SUFFICIENTLY TO PREVENT TEARING DURING LIFTING AND HANDLING.
4. 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.
5. NURSERY SOD: QUALITY AND SOURCE TO COMPLY WITH STANDARDS OUTLINED IN THE METRIC GUIDE SPECIFICATION FOR NURSERY STOCK, SECTION 17, 1984 EDITION, PUBLISHED BY THE CANADIAN NURSERY TRADES ASSOCIATION, NUMBER ONE KENTUCKY BLUEGRASS SOD: GROWN FROM MINIMUM MIXTURE OF THREE KENTUCKY BLUEGRASS CULTIVARS.
6. OBTAIN APPROVAL OF TOPSOIL, GRADE AND DEPTH PRIOR TO LAYING SOD.
7. 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.
8. 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.
9. 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.
10. WATER IMMEDIATELY AFTER SOD IS LAID TO OBTAIN MOISTURE PENETRATION THROUGH SOD INTO TOP 100mm (4") OF TOPSOIL.
11. PROVIDE ADEQUATE PROTECTION OF NEW SODDED AREAS AGAINST EROSION, FOOT TRAFFIC, AND MECHANICAL DAMAGE. REMOVE PROTECTION AFTER LAWN AREAS HAVE BEEN ESTABLISHED OR ACCEPTED.
12. CLEAN UP IMMEDIATELY SOIL OR DEBRIS SPILLED ONTO PAVEMENT AND DISPOSE OF DELETERIOUS MATERIALS.
13. SODDED AREAS WILL BE ACCEPTED AT FINAL INSPECTION AND WARRANTY PERIOD BEGINS PROVIDED THAT:
 - 13.1. SODDED AREAS ARE PROPERLY ESTABLISHED
 - 13.2. SOD IS FREE OF BARE AND DEAD SPOTS AND WITHOUT WEEDS
 - 13.3. NO SURFACE SOIL IS VISIBLE WHEN GRASS HAS BEEN CUT TO A HEIGHT OF 40mm (1.5")
 - 13.4. SODDED AREAS HAVE BEEN CUT A MINIMUM OF TWO TIMES
 - 13.5. SOD JOINTS BETWEEN ROLLS ARE NEAT AND TIGHT WITH NO VISIBLE DIRT AREAS
14. 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.
15. MAINTENANCE TASKS INCLUDE ALL OF THE FOLLOWING:
 - 15.1. WATERING
 - 15.2. FERTILIZING
 - 15.3. WEED CONTROL
 - 15.4. CUTTINGS AND MOWING
16. SUBMIT SEPARATE MAINTENANCE COST FOR COORDINATION BY OWNER DURING WARRANTY PERIOD ONLY.



GENERAL NOTES:

1. ALL WORK SHALL BE IN STRICT CONFORMANCE WITH ALL CURRENT APPLICABLE CODES AND REGULATIONS.
2. TOPSOIL MUST BE CAPABLE OF SUSTAINING VIGOROUS PLANT GROWTH AND TO BE FREE FROM SUBSOIL, ROOTS, VEGETATION, DEBRIS, TOXIC MATERIALS AND STONE OVER 50mm DIAMETER.
4. FOR AREAS TO RECEIVE SOD, SET TOPSOIL 15mm BELOW FINISHED GRADE.
5. ENSURE THAT GRADES AND CROSS SLOPE PROVIDE POSITIVE DRAINAGE AND ADHERE TO GRADING PLAN (WHERE APPLICABLE).

5 SOD DETAIL

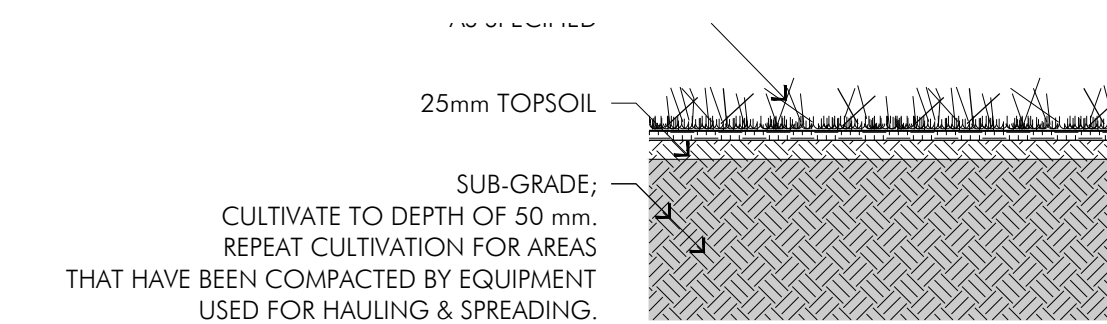
MEADOW MAINTENANCE:

MEADOW MAINTENANCE DURING 2 YEAR ESTABLISHMENT/WARRANTY PERIOD:

YEAR 1:
MAINTAIN MEADOW TO A MOWED HEIGHT NO LOWER THAN 100mm BLADE HEIGHT AND NO MORE THAN 300mm MEADOW GROWTH HEIGHT TO ALLOW MEADOW ESTABLISHMENT WHILE PREVENTING UNWANTED SPECIES FROM OUT-COMPETING NATIVE MEADOW SPECIES. REMOVE AND DISPOSE OF EXCESSIVE CLIPPINGS OFF SITE.

YEAR 2:
MOW ONCE IN MID-SPRING TO 150mm BLADE HEIGHT. MOW AGAIN IN LATE AUTUMN. MOWING TOO LATE IN THE SPRING WILL BE DETRIMENTAL TO NATIVE FLOWERING SPECIES. REMOVE AND DISPOSE OF EXCESSIVE CLIPPINGS OFF SITE.

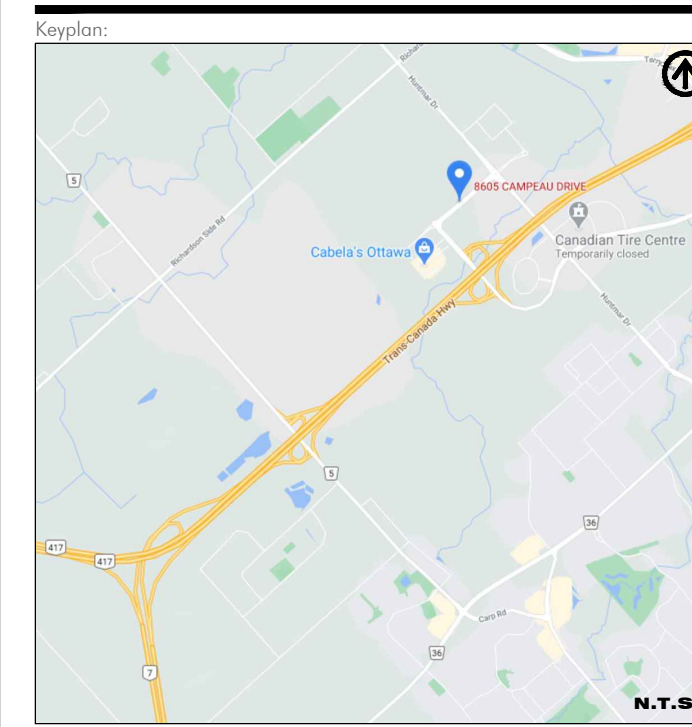
YEAR 3 AND BEYOND:
MOW MEADOW SEED AREA MAXIMUM ONCE IN MID SPRING, AND IF DESIRED AGAIN IN LATE AUTUMN. DO NOT MOW DURING MEADOW GROWING SEASON AS NATIVE FLOWERING PLANTS WILL BE DAMAGED, PROVIDING UNDESIRABLE WEEDS WITH AN OPPORTUNITY TO ESTABLISH. DO NOT MOW MEADOW SHORTER THAN 150mm BLADE HEIGHT. REMOVE AND DISPOSE OF EXCESSIVE CLIPPINGS OFF SITE.



GENERAL NOTES:

1. ALL WORK SHALL BE IN STRICT CONFORMANCE WITH ALL CURRENT APPLICABLE CODES AND REGULATIONS.
2. ALL SURFACE AREAS DESIGNATED FOR SEEDING SHALL BE FREE OF EROSION AND SHALL HAVE A FINE GRADED UNIFORM SURFACE, PRIOR TO APPLICATION OF HYDROSEEDING.
3. TOPSOIL MUST BE CAPABLE OF SUSTAINING VIGOROUS PLANT GROWTH AND TO BE FREE FROM SUBSOIL, ROOTS, VEGETATION, DEBRIS, TOXIC MATERIALS AND STONE OVER 50mm DIAMETER.
4. ENSURE THAT GRADES AND CROSS SLOPE PROVIDE POSITIVE DRAINAGE AND ADHERE TO GRADING PLAN (WHERE APPLICABLE).

6 SEED DETAIL



We have relied upon the accuracy and completeness of base & background information provided by the following Consultants in preparing this drawing and performing our professional services.

We are under no obligation or duty to verify the accuracy and/or completeness of this information and have not done so.

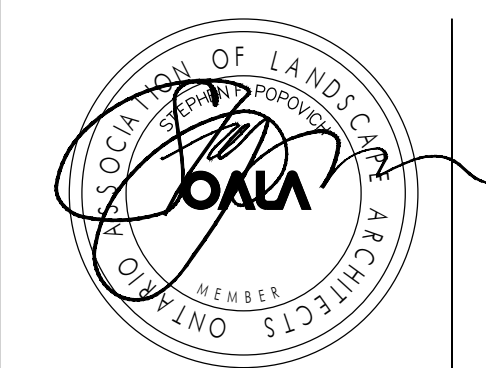
We shall not be held responsible for any errors or omissions that may arise or be incorporated as a result of erroneous or incomplete information provided by the Client, Consultants and Contractors.

The contractor will check and verify all dimensions and job conditions on the site and report any discrepancies to the Landscape Architect prior to the commencement of construction.

No.	Date (Y/M/D)	Issue / Revision	By
8	230620	REVISED PER NEW SITE PLAN	SK
7	230330	REVISED PER REV. SERVICING PLAN	YY
6	230322	REVISED PER REV. SITE PLAN	YY
5	221215	REVISED PER CITY'S COMMENTS	SK
4	220824	ISSUED FOR SITE PLAN RESUBMISSION	SK
3	220715	REVISED PER SITE PLAN	SK
2	211028	REISSUED FOR SPA	GB
1	210115	ISSUED FOR SITE PLAN APPLICATION	GB

POPOVICH ASSOCIATES

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**SITE DEVELOPMENT
8605 CAMPEAU DRIVE, STITTSVILLE, ON**

Client Info:
PETRO CANADA
Suncor Energy Group
OUTLET #10565

Sheet Title:
DETAILS

Project Number: 1504
Drawn By: GB
Checked By: SP
Date: JANUARY 2021
Scale: AS NOTED

