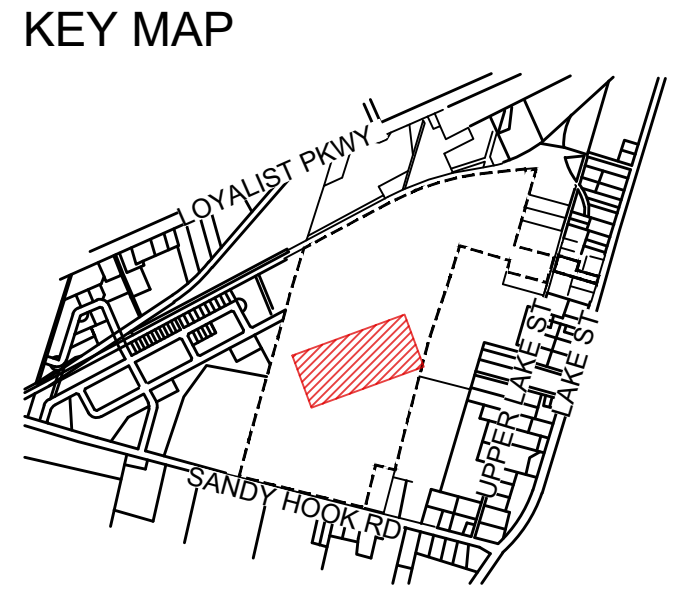




Note: Refer to InSITE Drawings for Grading



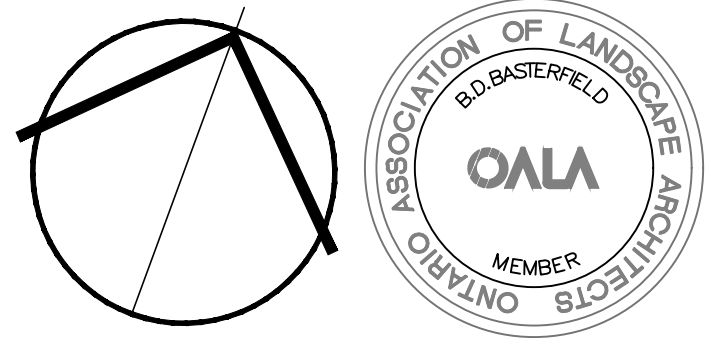
TREE COUNT: 114
 DECIDUOUS CANOPY TREES: 75
 CONIFEROUS TREES: 39
 ADDITIONAL: LARGE SHRUBS/SMALL TREES: 23

PLANT LIST

Sym	Qty	Botanical Name	Common Name	Size	Condition	Spacing
Deciduous Canopy Trees						
RM	20	<i>Acer rubrum 'Red Sunset'</i>	Red Sunset Red Maple	60mm cal.	WB	as shown
SIM	3	<i>Acer saccharinum</i>	Silver Maple	60mm cal.	WB	as shown
SM	5	<i>Acer saccharum</i>	Sugar Maple	60mm cal.	WB	as shown
PB	6	<i>Betula papyrifera</i>	Paper Birch	60mm cal.	WB	as shown
BNH	1	<i>Carya cordiformis</i>	Bitternut Hickory	60mm cal.	WB	as shown
SHH	1	<i>Carya ovata</i>	Shagbark Hickory	60mm cal.	WB	as shown
CH	4	<i>Celtis occidentalis</i>	Common Hackberry	60mm cal.	WB	as shown
KCT	4	<i>Gymnocladus dioica</i>	Kentucky Coffeetree	60mm cal.	WB	as shown
BN	1	<i>Juglans cinerea</i>	Butternut	60mm cal.	WB	as shown
BL	1	<i>Juglans nigra</i>	Black Walnut	60mm cal.	WB	as shown
BC	3	<i>Prunus serotina</i>	Black Cherry	60mm cal.	WB	as shown
WO	2	<i>Quercus alba</i>	White Oak	60mm cal.	WB	as shown
SWO	20	<i>Quercus bicolor</i>	Swamp White Oak	60mm cal.	WB	as shown
RO	3	<i>Quercus rubra</i>	Red Oak	60mm cal.	WB	as shown
BW	1	<i>Tilia americana</i>	Basswood	60mm cal.	WB	as shown
Large Shrubs/Small Trees						
DS(c)	8	<i>Amelanchier canadensis</i>	Downy Serviceberry, Multi-stem	150cm ht.	container	as shown
ER	1	<i>Cercis canadensis</i>	Eastern Redbud	150cm ht.	container	as shown
PD	1	<i>Cornus alternifolia</i>	Pagoda Tree	150cm ht.	container	as shown
CP	10	<i>Prunus nigra</i>	Canada Plum	150cm ht.	container	as shown
PCH	3	<i>Prunus pensylvanica</i>	Pin Cherry	150cm ht.	container	as shown
Coniferous Trees						
WS	3	<i>Picea glauca</i>	White Spruce	150cm ht.	WB	as shown
WP	12	<i>Pinus strobus</i>	Eastern White Pine	150cm ht.	WB	as shown
WC	24	<i>Thuja occidentalis</i>	Eastern White Cedar	150cm ht.	WB	as shown
Shrubs						
BCH	7	<i>Aronia melanocarpa</i>	Black Chokeberry	50 cm	container	as shown
BB	18	<i>Cephalanthus occidentalis</i>	Buttonbush	50 cm	container	as shown
GD	12	<i>Cornus foemina ssp. Racemosa</i>	Grey Dogwood	50 cm	container	as shown
ROD	42	<i>Cornus sericea</i>	Red Osier Dogwood	50 cm	container	as shown
NIN	9	<i>Physocarpus opulifolius</i>	Ninebark	50 cm	container	as shown
FLR	12	<i>Rubus odoratus</i>	Flowering Raspberry	50 cm	container	as shown
FSU	22	<i>Rhus aromatica</i>	Fragrant Sumac	50 cm	container	as shown
STS	41	<i>Rhus typhina</i>	Staghorn Sumac	50 cm	container	as shown
SR	29	<i>Rosa palustris</i>	Swamp Rose	50 cm	container	as shown
BWI	23	<i>Salix bebbiana</i>	Bebb's Willow	50 cm	container	as shown
PLW	30	<i>Salix discolor</i>	Pussy Willow	50 cm	container	as shown
AE	12	<i>Sambucus canadensis</i>	Canada Elderberry	50 cm	container	as shown
RE	12	<i>Sambucus racemosa</i>	Red Elderberry	50 cm	container	as shown
NLM	25	<i>Spiraea alba</i>	Narrow-leaved Meadowsweet	50 cm	container	as shown
HBC	22	<i>Viburnum trilobum</i>	High Bush Cranberry	50 cm	container	as shown
Perennials						
SMW	40	<i>Asclepias incarnata</i>	Swamp Milkweed	1 gal.	container	500mm
BMW	20	<i>Asclepias tuberosa</i>	Butterfly Milkweed	1 gal.	container	500mm
JPW	40	<i>Eupatorium maculatum</i>	Spotted Joe-pye Weed	1 gal.	container	500mm
BV	40	<i>Verbena hastata</i>	Blue Vervain	1 gal.	container	500mm
Grasses / Sedges						
BSE	40	<i>Carex bebbii</i>	Bebb's Sedge	1 gal.	container	500mm
SRU	40	<i>Juncus effusus</i>	Soft Rush	1 gal.	container	500mm
SG	40	<i>Panicum virgatum</i>	Switch Grass	1 gal.	container	500mm
Emergents						
YMM	100	<i>Caltha palustris</i>	Yellow Marsh Marigold	1 gal.	container	500mm
PW	80	<i>Pontederia cordata</i>	Pickeral Weed	1 gal.	container	500mm
BFI	140	<i>Iris versicolor</i>	Blue Flag Iris	1 gal.	container	500mm
Submergents						
WWL	100	<i>Nymphaea odorata</i>	White Water Lily	1 gal.	container	500mm
FLP	120	<i>Potamogeton natans</i>	Floating leaved Pondweed	1 gal.	container	500mm

*NO SUBSTITUTIONS UNLESS APPROVED BY LANDSCAPE ARCHITECT PRIOR TO DELIVERY TO SITE
 *SPACING AS NOTED ON THIS LIST IS APPROXIMATE ONLY - ALL PLANT LAYOUT TO BE AS PER PLAN

No.	Issued / Revision	Date
1.	ISSUED FOR PRE-SERVICING	MAY 23, 2025



Basterfield & Associates
 LANDSCAPE ARCHITECTS
 416 Chambers St, Peterborough, ON, K9H 3V1
 Tel. 705.745.3623 www.basterfield.ca

COLD CREEK STORM WATER MANAGEMENT POND
 COLD CREEK SUBDIVISION PHASE 1

Planting Plan

Scale: 1:500
 Date: MAY 2025
 Drawn By: KKM
 Checked:
 B&A Project No.: 23-57 (REF. 23-108 INSITE#)

Drawing No. **L1**

GENERAL NOTES:

- Contractor shall verify all dimensions and site conditions before proceeding with the work, and report any discrepancies to the landscape architect before proceeding. No allowance shall be made on behalf of the Contractor for failure to do so.
- Contractor shall be responsible for verifying and staking out the location of all existing utilities and services. Contractor shall give utilities advance notice prior to digging.
- Landscape architect is not responsible for accuracy of survey or engineering drawings. Refer to appropriate drawings before proceeding with the work.
- Contractor shall establish all property boundaries and corner stakes, and shall be responsible for all costs of re-establishing them should they be disturbed.
- Contractor shall notify landscape architect minimum 48 hours prior to commencement of work to coordinate inspection schedules.
- Contractor to confirm physical layout of all landscape and plantings with landscape architect before proceeding.
- Construction must conform to all applicable codes and regulations of all authorities having jurisdiction.
- Refueling, lubrication and/or maintenance of construction vehicles is not permitted on site unless approved by the owner in writing.
- Contractor shall be responsible for any damage to existing streets, sidewalks, structures, and mature trees to remain during construction of this project and shall repair such damage and clean up construction debris to the satisfaction of the owner and the municipality at no additional cost.
- The Contractor, upon acceptance of the contract, assumes complete responsibility and liability for the job site during the course of construction, and will ensure public safety and cleanliness of municipal roads near the site.
- All drawings, specifications and related documents are the copyright of the landscape architect and must be returned upon request. Reproduction of drawings, specifications and related documents in whole or in part is forbidden without the landscape architect's permission. Drawings are not to be scaled.

APPLICATION OF TOPSOIL:

- Existing topsoil is to be stockpiled in location approved by owner. Screen rocks and debris prior to use.
- Existing topsoil is to be stockpiled and used as appropriate for proposed work. Import topsoil as required.
- Contractor is to provide nutrient analysis and grain size analysis for all new or existing topsoil to be used on site and to obtain approval of landscape architect prior to application.
- Scarify existing subgrade and apply a minimum of 12" of topsoil over disturbed area.
- Remove debris, roots, branches, stones in excess of 2" dia. and other deleterious materials.
- Spread topsoil in uniform area, each layer not exceeding 6".
- All disturbed lawn areas are to be seeded or sodded.

PLANTING, GENERAL:

- Refer to planting details for installation notes.
- Do not substitute plant material in species, variety or size without approval from landscape architect.
 - In the event of a discrepancy between plant list and plan, quantities shown on plan shall take precedence over the plant list.
 - Plants shown on the plan but not included on the list are the Contractor's responsibility to supply and install, regardless of the plant list. Please report any discrepancies between the plan and the list immediately to the landscape architect.
 - Unless specified otherwise, spacing to be as shown on plan or equally spaced in area shown on plan.
 - Provide all plant material in accordance with specifications established by the Canadian Nursery Trade Association with regards to quality and grading and sized as per plant list.
 - Plants are to be No. 1 Nursery Grown under proper cultural practices, in particular with respect to ample spacing, pest and disease control, and branch and root pruning. Trees shall have sturdy, straight trunks, well branched and balanced with a strong central leader.
 - Water test excavated tree pits for water porosity prior to planting and report to landscape architect.
 - Strictly adhere to planting details to ensure adequate planting soil mix around plant material.
 - In all planting operations, back fill with soil mixture in 6" layers and firmly tamp each layer to ensure plant retains its orientation. Ensure no air pockets remain around roots. Water thoroughly.
 - Plants to be oriented to present the best face towards priority viewing areas, i.e. walkways, patios, and/or lawns.
 - Plant all shrubs in continuous planting beds, where appropriate.
 - Except for plants in planting beds, construct an earth saucer around the roots.
 - Mulch as shown in details, and prune vegetation as required to compensate for root loss.

PLANTING INSPECTION NOTES:

- Make plant material available for inspection by the Consultant prior to installation.
- Approval of plant material at the site will not impair the right of the Owner or Consultant to inspect plants during the course of construction and to reject any material which has been damaged or which, in any way, does not conform to the specifications.
- Partial acceptance will be given when planting work has been delayed due to circumstances beyond the control of the Contractor or where planting would be in discordance with good horticultural practices and would jeopardize the performance of the work and plants.
- Final inspection of all plant material will be made when the construction is completed. At the time of inspection all plant material must be in a healthy growing condition or they will be rejected. The tree pits must be free of weeds, rubbish or debris and topped up with mulch.
- Inspection of all plant material will be completed by the consultant at the end of the specified warranty period. At the time of inspection all plant material must be in a healthy growing condition or they will be rejected. The tree pits must be free of weeds, rubbish or debris and topped up with mulch.

PLANTING WARRANTY PERIOD NOTES:

- The Contractor warrants that all plant material, as itemized on the plant list, remains free of defects for a period of 2 years from the time of substantial completion.
- If plant material is not in a vigorous growing condition or characteristic for species during the warranty period, at the time of inspection all plant material must be in a healthy growing condition or they will be rejected. The tree pits must be free of weeds, rubbish or debris and topped up with mulch.
- Any plants replaced during the warranty period shall be covered by the initial 2-year warranty and the extension, if necessary.

PLANTING REPLACEMENT NOTES:

- All plant material found dead, or not in a healthy, satisfactory growing condition or which, in any other way, do not meet the requirements of the specifications, as determined by the Consultant, shall be replaced by the Contractor at his own expense.
- All required replacements shall be by plants of the same size and species as specified on the plant list and shall be supplied and planted in accordance with the drawings and specifications.

HANDLING OF PLANTS

- Throughout the duration of the installation, root balls, trunks and branches shall be protected from sun and wind desiccation.
- Roots shall be evenly cut at the edges of the root ball or at the extension of undamaged roots for bare root trees. Trees with split roots shall be rejected.
- Trees shall be transported with care taken to avoid damage. Branches shall be carefully tied in such manner so as not to break or damage trunks. Points of contact with equipment shall be padded.

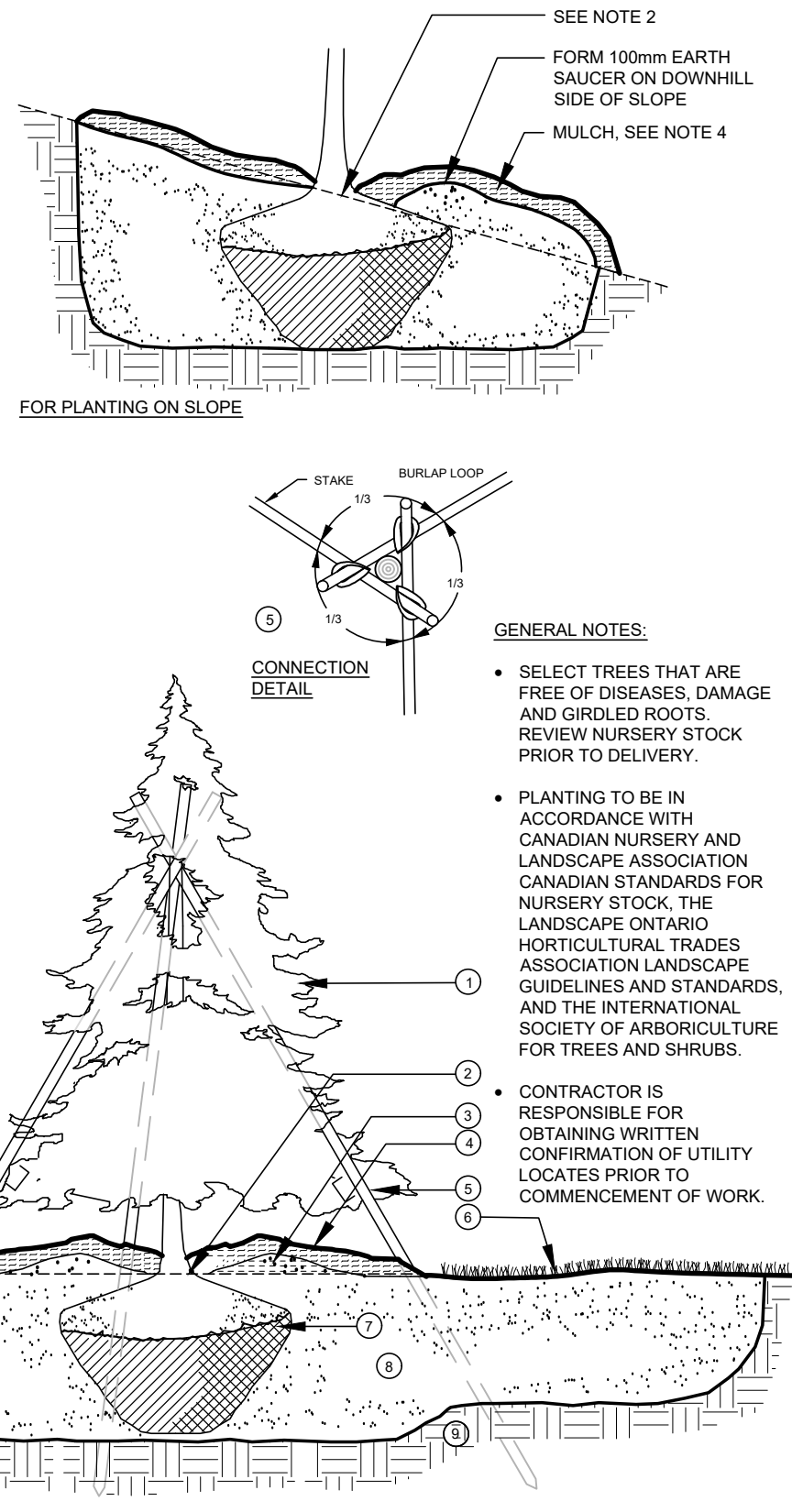
SEEDING

- SEED PLANTING ZONES 3 - 5 WITH "NATUREPRO DETENTION BASIN GRASS/FORB MIX" BY PICKSEED AT MANUFACTURER'S RECOMMENDED RATE; (705) 878-9240
- NaturePro Detention Basin Grass/Forb Mix:**
 20% Fox Sedge 2% America Mannagrass
 20% Virginia Wild Rye 2% Common Sneezeweed
 15% Fowl Bluegrass 2% Path Rush
 10% Blunt Broom Sedge 2% Square Stemmed Monkey
 Bulrush Flower 10% Green
 5% Soft Rush 2% Blue Vervain
 2% Autumn Bentgrass 2% Woolgrass
 2% Tickgrass 1% Swamp Milkweed
 2% Nodding Bur Marigold 1% Purple Stemmed Aster
- OBTAIN APPROVAL OF FINISHED GRADE PRIOR TO APPLICATION OF SEED.
- APPLY SEED BETWEEN AUGUST 15 AND OCTOBER 15, OR WITHIN THE FIRST 3 WEEKS OF MAY, WEATHER PERMITTING. REFER TO MANUFACTURER'S SPECIFICATIONS FOR APPLICATION.
- WATER SEEDED AREAS AS REQUIRED TO ENSURE GERMINATION AND CONTINUOUS GROWTH.
- AREAS WILL BE ACCEPTED PROVIDED THAT SEEDED AREAS ARE UNIFORMLY ESTABLISHED AND FREE OF RUTTED, ERODED, BARE, OR DEAD SPOTS.

REFER TO CIVIL ENG. DWGS. FOR ALL UTILITIES, GRADING AND SERVICES

NOTES:

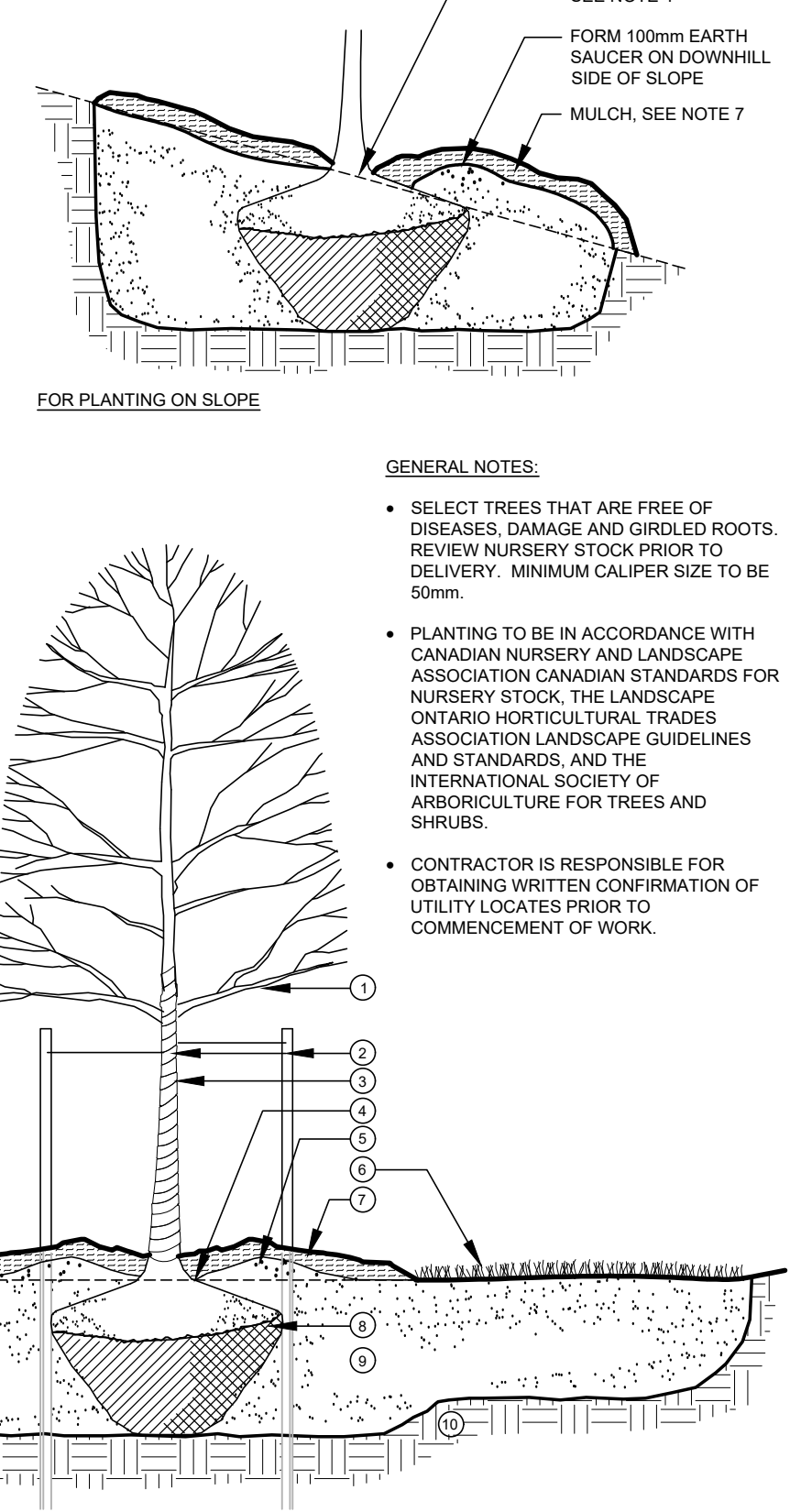
- PRUNE BRANCHES TO CAREFULLY REMOVE DEAD, BROKEN, DAMAGED AND DOUBLE LEADERS. NEVER CUT A SINGLE LEADER. RETAIN NATURAL FORM OF TREE
- ROOT COLLAR TO BE PLACED AT SAME LEVEL AS SURROUNDING GRADE. IN HEAVY CLAY ALL WOODY PLANTS TO BE PLACED SO THAT THE TOP OF THE ROOT COLLAR IS POSITIONED 75-100 mm ABOVE FINISHED GROUND ELEVATION.
- 75mm RAISED WATERING SAUCER AROUND TREE.
- 75mm THICK LAYER OF NATURAL SHREDDED PINE BARK MULD (NO DYES). KEEP MULCH 150mm FROM TRUNK.
- STAKE IMMEDIATELY. USE 3 WOOD STAKES FOR TREES UP TO 2 m HEIGHT. STAKES TO BE DRIVEN 300 mm INTO UNDISTURBED SUBSOIL, AT AN ANGLE NO LESS THAN 45° AND NO MORE THAN 60°, SPACED IN THIRDS OF A CIRCLE. USE BIODEGRADABLE MATERIAL, SUCH AS FOLDED BURLAP STAPLED TO STAKE WITH FENCE STAPLES OR ROOFING NAILS, TO TIE THE TREE TO THE STAKES. BURLAP TO TIE ALL STAKES AND TREE TRUNK IN A CONTINUOUS LOOPING. AVOID CONTACT OF STAKES WITH TREE TRUNK. STAKING TO BE REMOVED ONE YEAR AFTER INSTALLATION.
- ADJACENT SOD OR SEED.
- CUT AND REMOVE TOP THIRD OF ALL WIRE, ROPE, BURLAP AND TWINE FROM ROOTBALL AND FROM AROUND TRUNK.
- EXCAVATED AREA: TRIPLE MIX FROM AN APPROVED SOURCE TO BE BACKFILLED AND CONCURRENTLY TAMPED AND WATERED TO ELIMINATE AIR POCKETS.
- SOIL PREPARATION AREA TO BE 6x ROOTBALL DIAMETER. SCARIFY SOIL PREPARATION AREA TO A DEPTH OF 300 mm BEFORE PLANTING. INSTALL FILTER CLOTH BELOW PLANTING SOIL MIX IF PLANTING ON ENGINEERED OR GRANULAR FILL.
- ENSURE TREES ARE THOROUGHLY WATERED AT PLANTING, AS REQUIRED.



1
L2 CONIFEROUS TREE PLANTING
N.T.S.

NOTES:

- PRUNE BRANCHES TO CAREFULLY REMOVE DEAD, BROKEN, DAMAGED AND INTERFERING BRANCHES. DOUBLE LEADERS AND NARROW ANGLE BRANCH UNIONS WHILE RETAINING NATURAL FORM OF TREE. THIN HEAD WHEN AND WHERE APPLICABLE. DO NOT CUT LEADER BRANCHES.
- ALL STAKES ARE TO BE WOODEN STAKES AND TIES ARE TO BE COMPOSED OF NON-FUNGICIDE TREATED BINDER TWINE OR SINGLE LAYER NON-TREATED BURLAP OR FABRIC. STAKING TO BE REMOVED ONE YEAR AFTER INSTALLATION.
- REMOVE ALL TREE TRUNK WRAP FOLLOWING PLANTING.
- ROOT COLLAR TO BE PLACED AT SAME LEVEL AS SURROUNDING GRADE. IN HEAVY CLAY ALL WOODY PLANTS TO BE PLACED SO THAT THE TOP OF THE ROOT COLLAR IS POSITIONED 75-100 mm ABOVE FINISHED GROUND ELEVATION.
- 75mm RAISED WATERING SAUCER AROUND TREE.
- ADJACENT SOD OR SEED.
- 75mm THICK LAYER OF NATURAL SHREDDED PINE BARK MULD (NO DYES). KEEP MULCH 150 mm FROM TRUNK.
- CUT AND REMOVE TOP THIRD OF ALL WIRE, ROPE, BURLAP AND TWINE FROM ROOTBALL AND FROM AROUND TRUNK.
- EXCAVATED AREA: TRIPLE MIX FROM AN APPROVED SOURCE TO BE BACKFILLED AND CONCURRENTLY TAMPED AND WATERED TO ELIMINATE AIR POCKETS.
- SOIL PREPARATION AREA TO BE 6x ROOTBALL DIAMETER. SCARIFY SOIL PREPARATION AREA TO A MINIMUM DEPTH OF 300 mm BEFORE PLANTING. INSTALL FILTER CLOTH BELOW PLANTING SOIL MIX IF PLANTING ON ENGINEERED OR GRANULAR FILL.
- ENSURE TREES ARE THOROUGHLY WATERED AT PLANTING, AS REQUIRED.

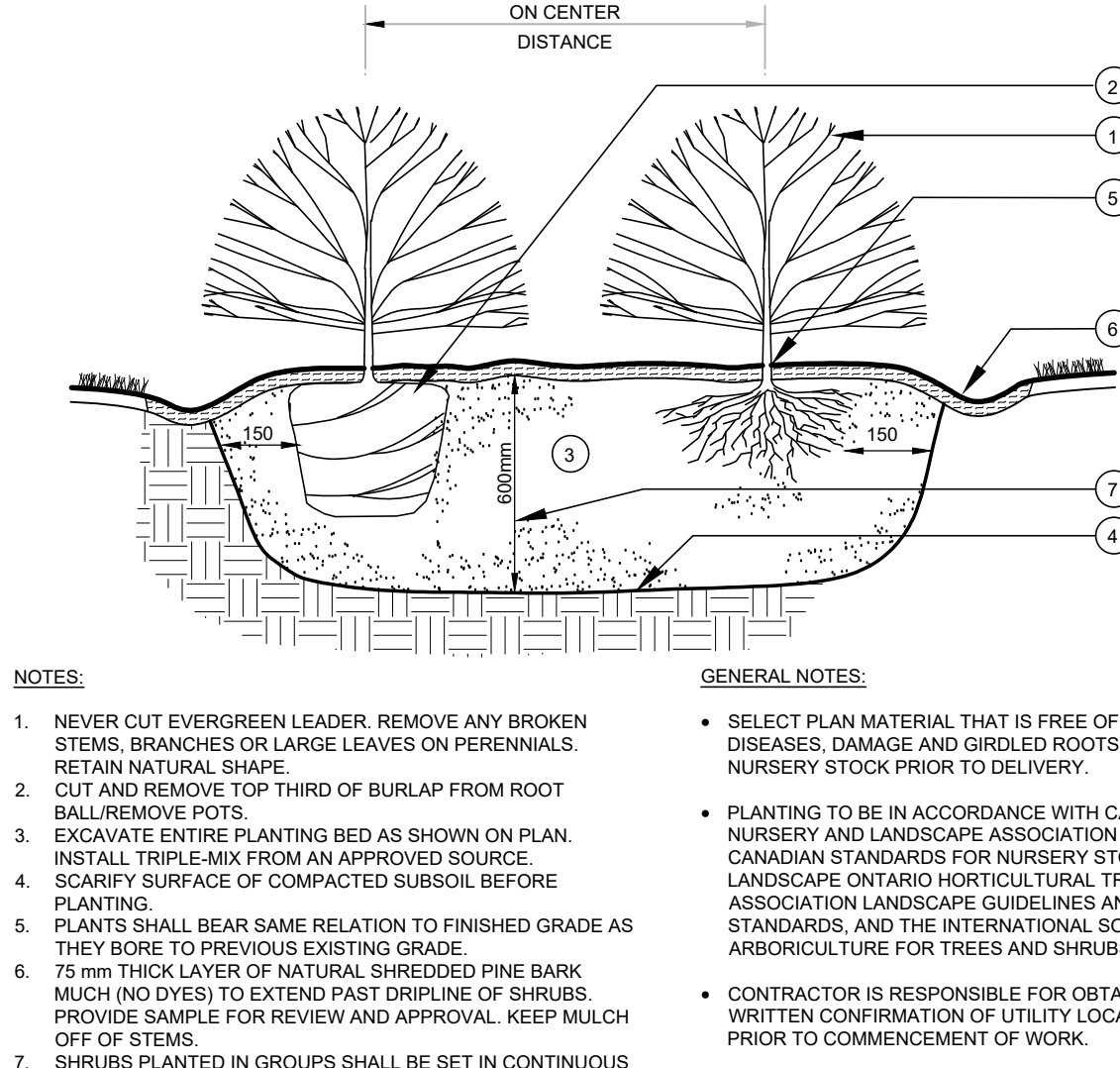


2
L2 DECIDUOUS TREE PLANTING
N.T.S.

NOTES:

- NEVER CUT EVERGREEN LEADER. REMOVE ANY BROKEN STEMS, BRANCHES OR LARGE LEAVES ON PERENNIALS. RETAIN NATURAL SHAPE.
- CUT AND REMOVE TOP THIRD OF BURLAP FROM ROOT BALL REMOVE PITS.
- EXCAVATE ENTIRE PLANTING BED AS SHOWN ON PLAN. INSTALL TRIPLE MIX FROM AN APPROVED SOURCE.
- SCARIFY SURFACE OF COMPACTED SUBSOIL BEFORE PLANTING.
- PLANTS SHALL BEAR SAME RELATION TO FINISHED GRADE AS THEY BORE TO PREVIOUS EXISTING GRADE.
- 75 mm THICK LAYER OF NATURAL SHREDDED PINE BARK MULD (NO DYES) TO EXTEND PAST DRIPLINE OF SHRUBS. PROVIDE SAMPLE FOR REVIEW AND APPROVAL. KEEP MULCH OFF OF STEMS.
- SHRUBS PLANTED IN GROUPS SHALL BE SET IN CONTINUOUS PLANTING SOIL BEDS.

- GENERAL NOTES:**
- SELECT TREES THAT ARE FREE OF DISEASES, DAMAGE AND GIRDLED ROOTS. REVIEW NURSERY STOCK PRIOR TO DELIVERY. MINIMUM CALIPER SIZE TO BE 50mm.
 - PLANTING TO BE IN ACCORDANCE WITH CANADIAN NURSERY AND LANDSCAPE ASSOCIATION CANADIAN STANDARDS FOR NURSERY STOCK, THE LANDSCAPE ASSOCIATION OF ONTARIO HORTICULTURAL TRADES ASSOCIATION LANDSCAPE GUIDELINES AND STANDARDS, AND THE INTERNATIONAL SOCIETY OF ARBORICULTURE FOR TREES AND SHRUBS.
 - CONTRACTOR IS RESPONSIBLE FOR OBTAINING WRITTEN CONFIRMATION OF UTILITY LOCATES PRIOR TO COMMENCEMENT OF WORK.



3
L2 SHRUB PLANTING DETAIL
N.T.S.

No.	Issued / Revision	Date
1.	ISSUED FOR PRE-SERVICING	MAY 23, 2025



B&A Basterfield & Associates
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Project Client
COLD CREEK STORM WATER MANAGEMENT POND
 COLD CREEK SUBDIVISION PHASE 1

Sheet Title
Planting Details

Scale
 As Shown

Date
 MAY 2025

Drawn By
 KKM

Checked

B&A Project No. 23-57 (REF. 23-108 INSITE#)