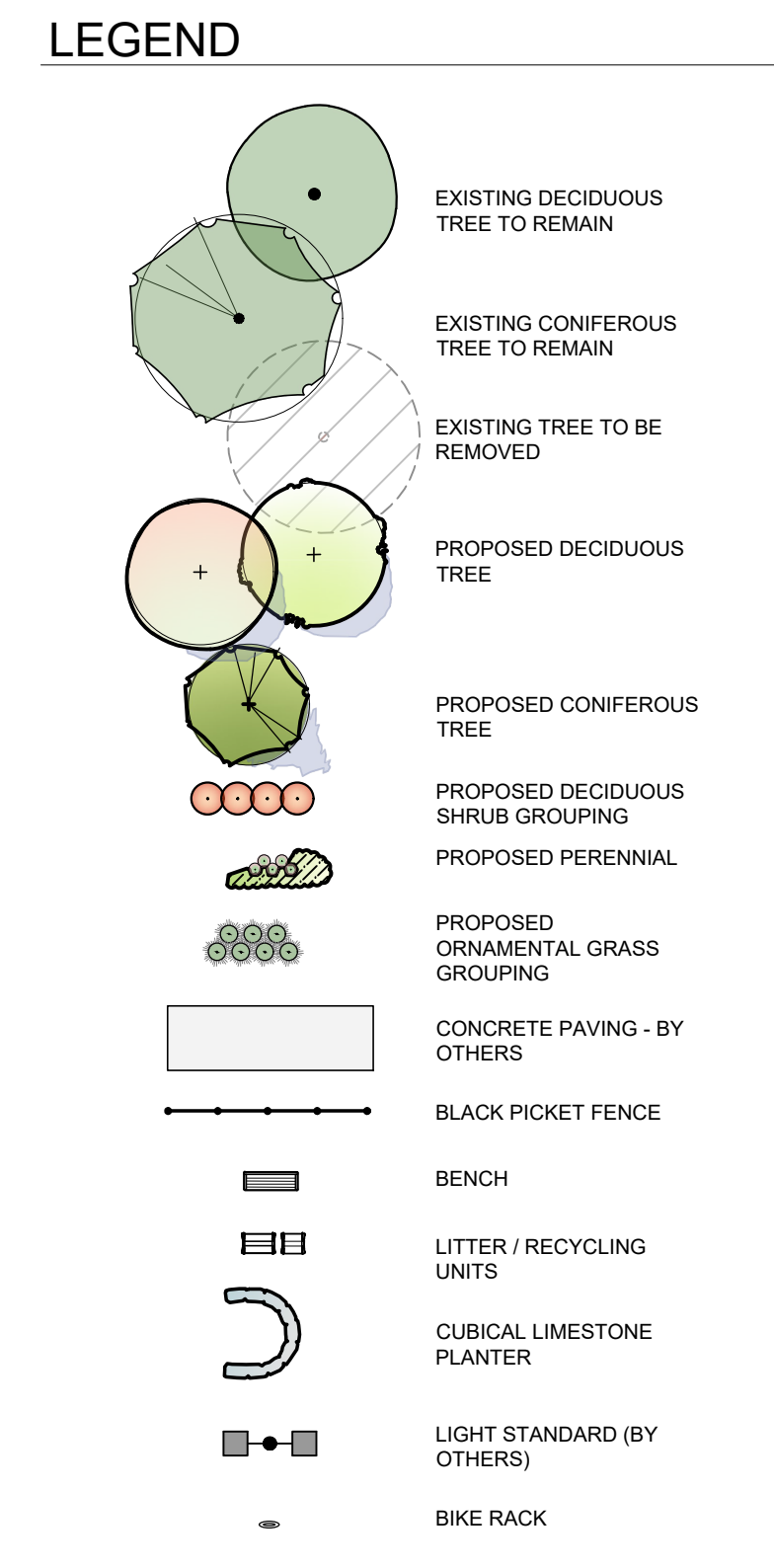


- Note: This drawing is the property of the Landscape Architect and may not be reproduced or used without the expressed consent of the Landscape Architect. The Contractor is responsible for checking and verifying all levels and dimensions and shall report all discrepancies to the Landscape Architect and obtain clarification prior to commencing work.
- 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 or staking out 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 schedule.
 - Contractor to confirm physical layout of all landscape and plantings with Landscape Architect before proceeding with the work.
 - Contractor must conform to all applicable Codes and Regulations of all authorities having jurisdiction.
 - Contractor shall be responsible for the maintenance of construction vehicles and equipment on site unless approved by the Owner in writing.
 - Contractor shall be responsible for any damage to existing streets, sidewalks, pavements and related items 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, modifications 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.



PLANT LIST

Sym	Qty	Botanical Name	Common Name	Size	Condition	Spacing	Comments
Deciduous Trees							
AJM	8	Jacar x 'Freeman' Jefferson	Autumn Blaze Maple	70 mm	WB		Specimen
SFS	4	Ametanchier laevis 'Spring Flurry'	Spring Flurry Serviceberry	50 mm	WB		Canopy 5' high above grade
HB	10	Celtis occidentalis	Hackberry	50 mm	WB		Specimen
GB	12	Ginkgo biloba 'Autumn Gold'	Autumn Gold Ginkgo	50 mm	WB		Specimen, male cultivar
SH	11	Gleditsia triacanthos var. 'Inermis 'Speczam'	Spectrum Honeylocust	50 mm	WB		Specimen
GVZ	9	Zelkova serata 'Green Vase'	Green Vase Zelkova	60 mm	WB		Specimen
Coniferous Trees							
SBS	4	Picea omorika	Serbian Spruce	200 cm	WB		Single leader, specimen
WP	8	Pinus strobus	White Pine	300 cm	WB		Single leader, specimen
EC	16	Thuja occidentalis 'Emerald'	Emerald Cedar	200 cm	WB		Single leader, specimen
Deciduous Shrubs							
AFD	12	Comus sericea 'Arctic Fire'	Arctic Fire Dogwood	60 cm	container		
CGN	59	Physocarpus opulifolius 'Centre Glow'	Centre Glow Ninebark	60 cm	container	1200mm o.c.	
AW5	36	Spiraea japonica 'Anthony Waterer'	Anthony Waterer Spirea	50 cm	container	900mm o.c.	
DGS	80	Spiraea japonica 'Dakota Goldcharm'	Dakota Goldcharm Spirea	50 cm	container	600mm o.c.	
Coniferous Shrubs							
AJ	86	Juniperus sabina 'Arcadia'	Arcadia Juniper	60 cm	container	1000mm o.c.	
SKJ	5	Juniperus sabina 'Skandia'	Skandia Juniper	60 cm	container	1000mm o.c.	
SMM	30	Pinus mugo 'Slowmound'	Slowmound Mugo Pine	30 cm	container	900mm o.c.	
Perennials							
CSD	160	Hemerocallis 'Gentle Shepherd'	Gentle Shepherd Daylily	1 gal.	container	300mm o.c.	
SDD	150	Hemerocallis 'Stella D'oro'	Stella D'oro Daylily	1 gal.	container	300mm o.c.	
CGC	60	Rudbeckia fulgida 'City Garden'	City Garden Coneflower	1 gal.	container	300mm o.c.	
AJS	498	Sedum spectabile 'Autumn Joy'	Autumn Joy Stonecrop	1 gal.	container	500mm o.c.	
Grasses / Sedges							
FRG	163	Calamagrostis acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	1 gal.	container	600mm o.c.	
PFG	52	Miscanthus sinensis var. purpurascens	Purple Flame Grass	1 gal.	container	900mm o.c.	
HFG	154	Pennisetum alopecuroides 'Hamelr'	Hamelr Dwarf Fountain Grass	1 gal.	container	600mm o.c.	
LBG	92	Pennisetum alopecuroides 'Little Bunny'	Little Bunny Dwarf Fountain Grass	1 gal.	container	600mm o.c.	

*NOTE: NO SUBSTITUTIONS UNLESS APPROVED BY LANDSCAPE ARCHITECT PRIOR TO DELIVERY TO THE SITE

2.	ISSUED FOR SPA 1st SUBMISSION	04 MAR. 2019
1.	PRELIMINARY	30 NOV. 2018

No.	Issued / Revision	Date
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Project Client:
**545 KING STREET EAST
GOLDMANSO**

Cobourg, Ontario

Scale:
1:250

Date:
November 2018

Drawn By:
TMM / NYL

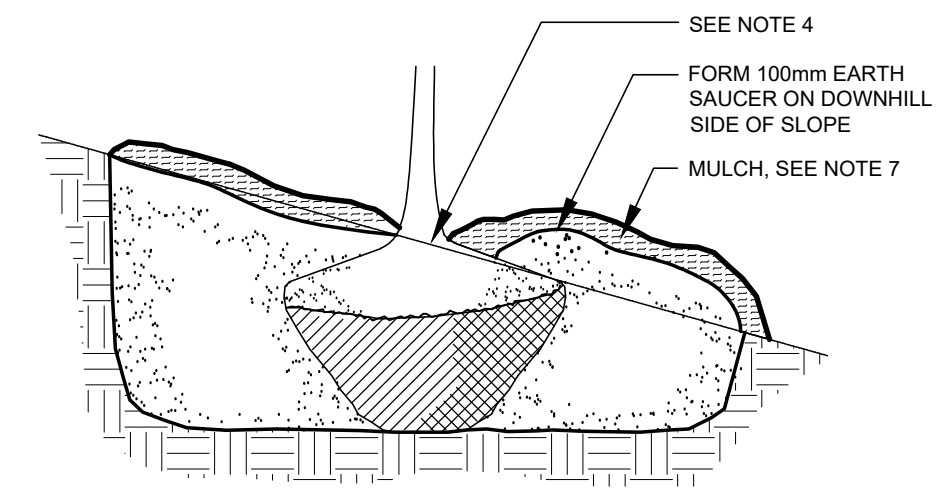
Checked:
BDB

Scale Paper No.:
18-34



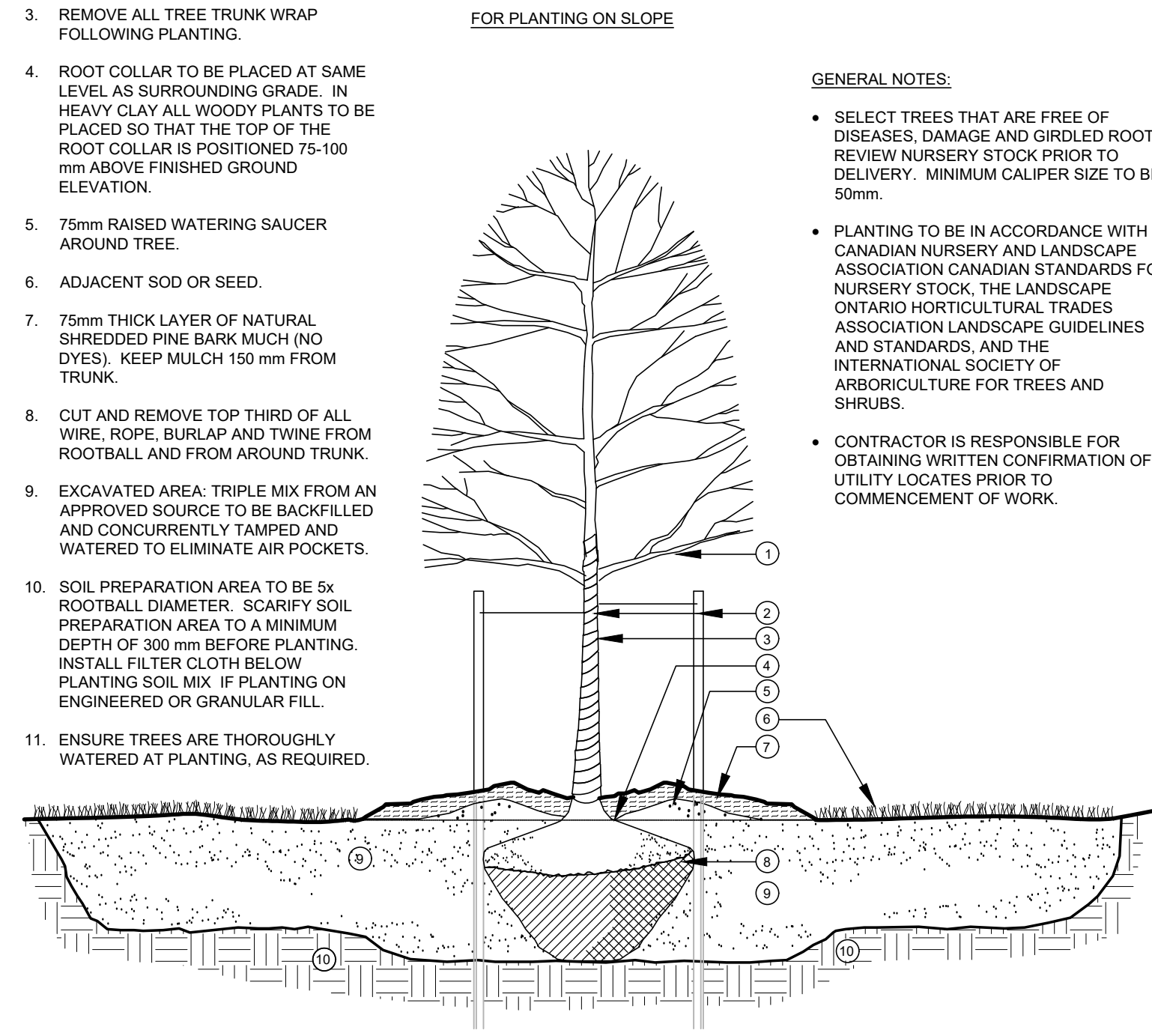
NOTES:

- PRUNE BRANCHES TO CAREFULLY REMOVE DEAD, BROKEN, DAMAGED AND INTERFERING BRANCHES. DOUBLE LEADERS AND NARROW ANGLE BRANCH UNLESS 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 THEY ARE TO BE COMPOSED OF ROUND BUNCHED TREATED BINDER TWINE OR SINGLE LAYER OF 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 SOIL ON SEED.
- 75mm THICK LAYER OF NATURAL SHREDDED PINE BARK MUCH (NO DYES). KEEP MUCH 150mm 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 300mm 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.



GENERAL NOTES:

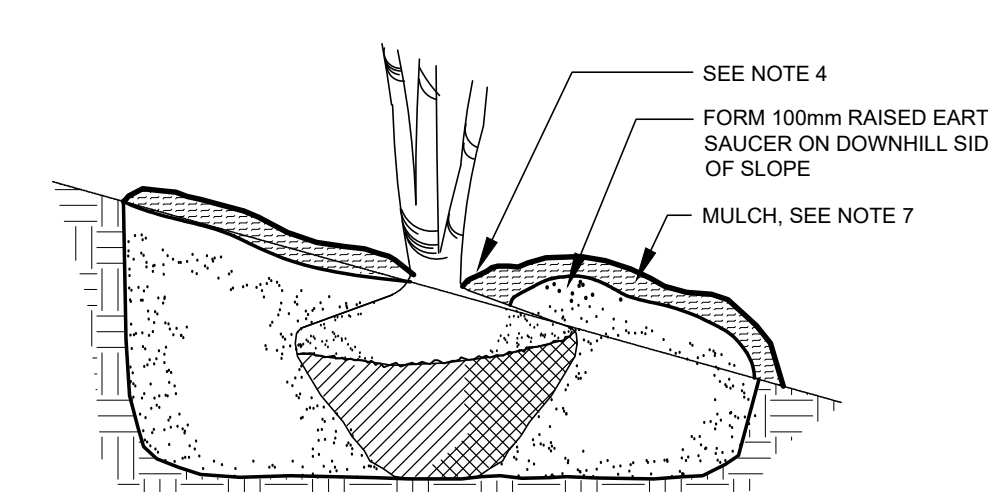
- SELECT TREES THAT ARE FREE OF DISEASES, DAMAGE AND GIRDLED ROOTS. REVIEW NURSERY STOCK PRIOR TO DELIVERY. MINIMUM CALIPER SIZE TO BE 50mm.
- PLANTING TO BE IN ACCORDANCE WITH CANADIAN NURSERY AND LANDSCAPE ASSOCIATION CANADIAN STANDARDS FOR NURSERY STOCK, THE LANDSCAPE ONTARIO HORTICULTURAL TRADES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



1 Deciduous Tree Planting
N.T.S.

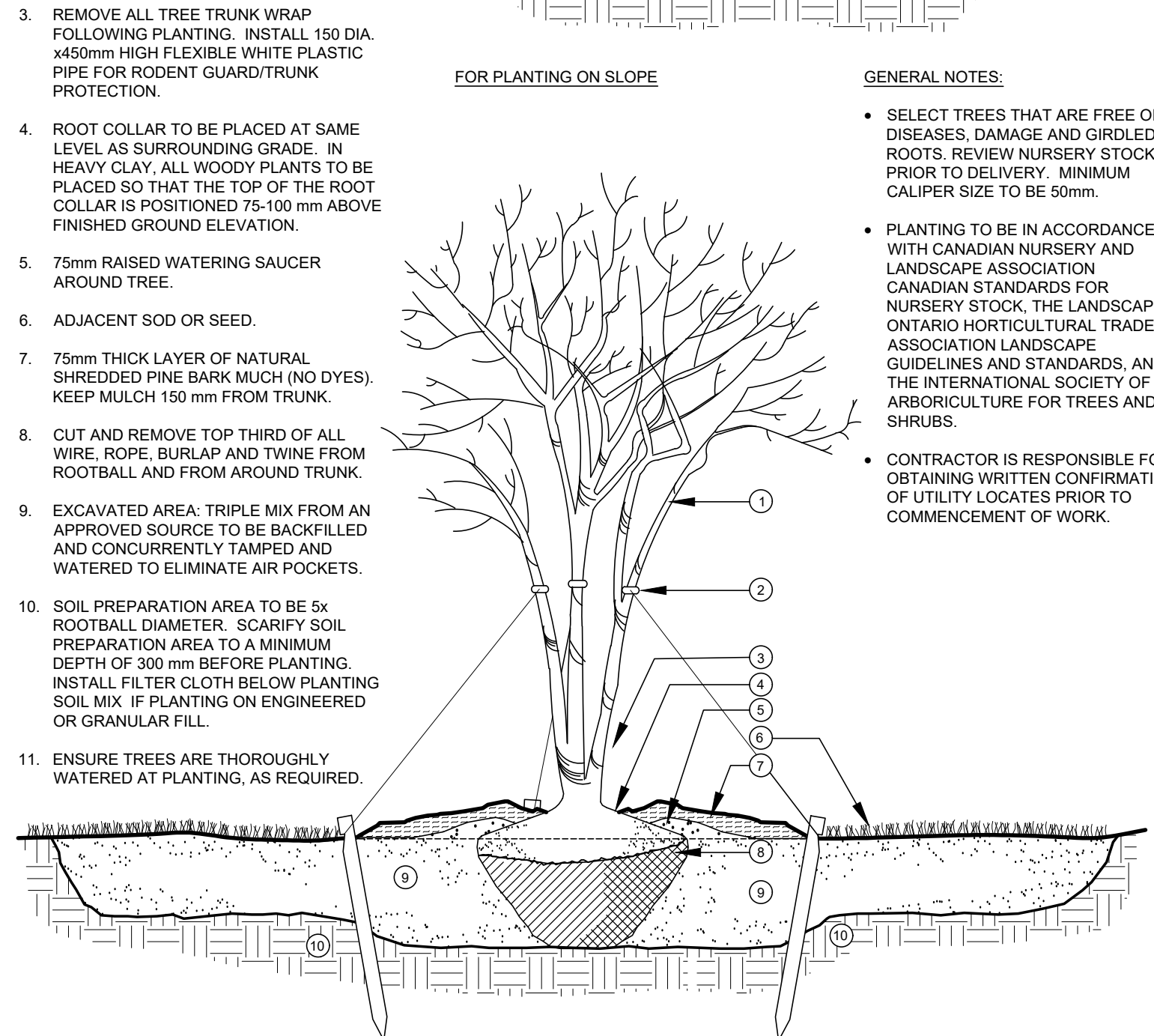
NOTES:

- PRUNE BRANCHES TO CAREFULLY REMOVE DEAD, BROKEN, DAMAGED AND INTERFERING BRANCHES. DOUBLE LEADERS AND NARROW ANGLE BRANCH UNLESS WHILE RETAINING NATURAL FORM OF TREE. THIN HEAD WHEN AND WHERE APPLICABLE. DO NOT CUT LEADER BRANCHES.
- 1000mm LONG SPRUCE STAKES IS DRIVEN INTO FIRM SUBGRADE. THEY ARE TO BE COMPOSED OF ROUND BUNCHED TREATED BINDER TWINE OR SINGLE LAYER OF TREATED BURLAP OR FABRIC. STAKING TO BE REMOVED ONE YEAR AFTER INSTALLATION.
- REMOVE ALL TREE TRUNK WRAP FOLLOWING PLANTING. INSTALL 150 DIA. 4000mm HIGH FLEXIBLE LINE PLASTIC PIPE FOR RODENT GUARD/RUNK PROTECTION.
- 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 SOIL ON SEED.
- 75mm THICK LAYER OF NATURAL SHREDDED PINE BARK MUCH (NO DYES). KEEP MUCH 150mm 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 300mm 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.



GENERAL NOTES:

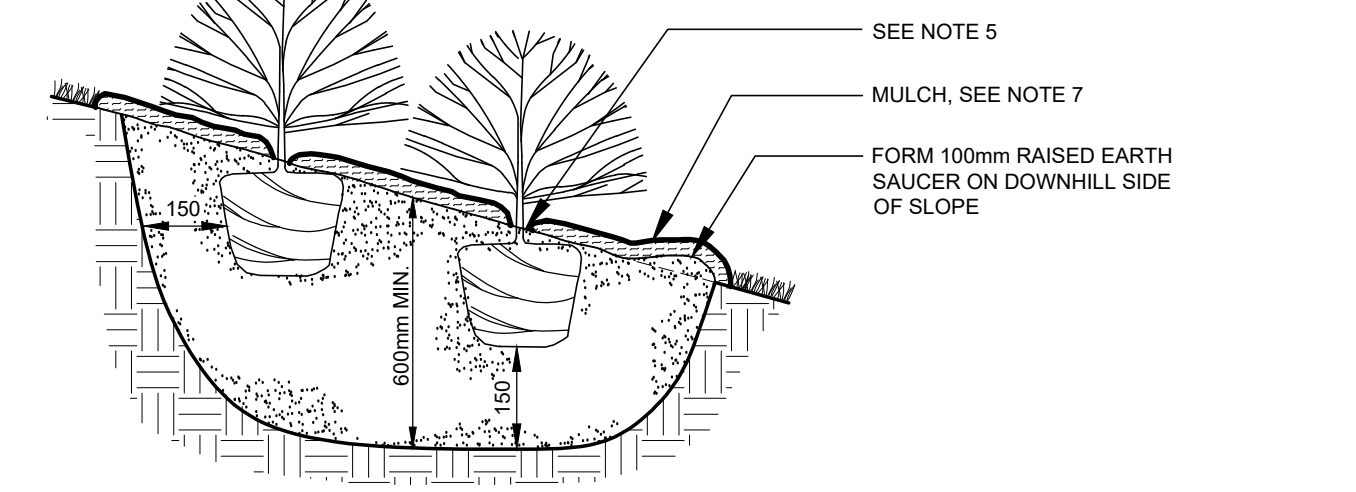
- SELECT TREES THAT ARE FREE OF DISEASES, DAMAGE AND GIRDLED ROOTS. REVIEW NURSERY STOCK PRIOR TO DELIVERY. MINIMUM CALIPER SIZE TO BE 50mm.
- PLANTING TO BE IN ACCORDANCE WITH CANADIAN NURSERY AND LANDSCAPE ASSOCIATION CANADIAN STANDARDS FOR NURSERY STOCK, THE LANDSCAPE ONTARIO HORTICULTURAL TRADES ASSOCIATION LANDSCAPE GUIDELINES AND STANDARDS, AND THE INTERNATIONAL SOCIETY OF HORTICULTURE FOR TREES AND SHRUBS.
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2 Multi-Stem Deciduous Tree Planting
N.T.S.

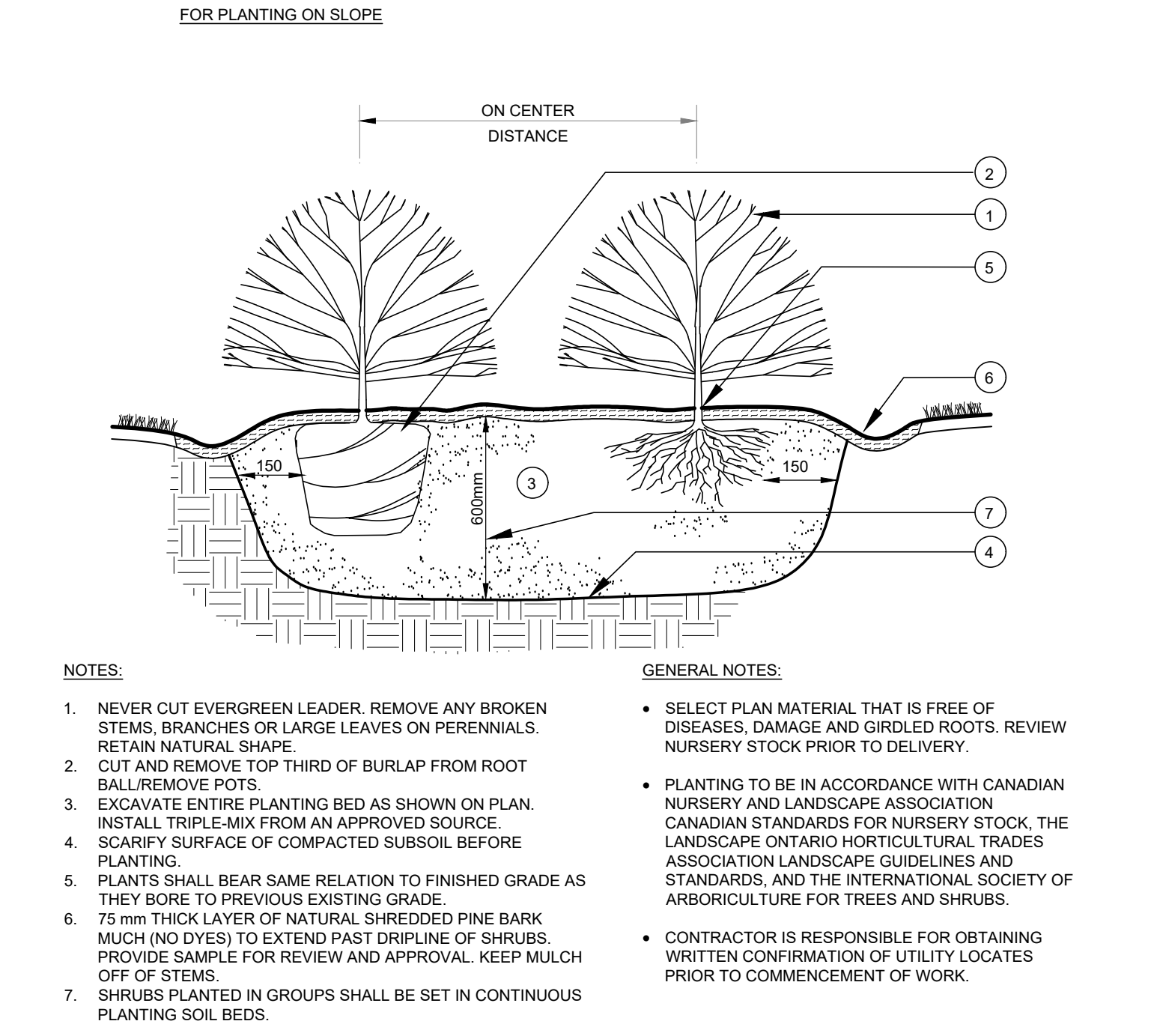
NOTES:

- 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.
- 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 WERE TO PREVIOUS EXISTING GRADE.
- 75mm THICK LAYER OF NATURAL SHREDDED PINE BARK MUCH (NO DYES) TO EXTEND PAST PERIMETER OF SHRUBS. PROVIDE SAMPLE FOR ANALYSIS AND APPROVAL. KEEP MULCH OFF OF STEMS.
- SHRUBS PLANTED IN GROUPS SHALL BE SET IN CONTINUOUS PLANTING SOIL BEDS.



GENERAL NOTES:

- SELECT PLANT MATERIAL THAT IS FREE OF DISEASES, DAMAGE AND GIRDLED ROOTS. REVIEW NURSERY STOCK PRIOR TO DELIVERY.
- PLANTING TO BE IN ACCORDANCE WITH CANADIAN NURSERY AND LANDSCAPE ASSOCIATION CANADIAN STANDARDS FOR NURSERY STOCK, THE LANDSCAPE ONTARIO HORTICULTURAL TRADES ASSOCIATION LANDSCAPE GUIDELINES AND STANDARDS, AND THE INTERNATIONAL SOCIETY OF HORTICULTURE FOR TREES AND SHRUBS.
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3 Shrub Planting
N.T.S.

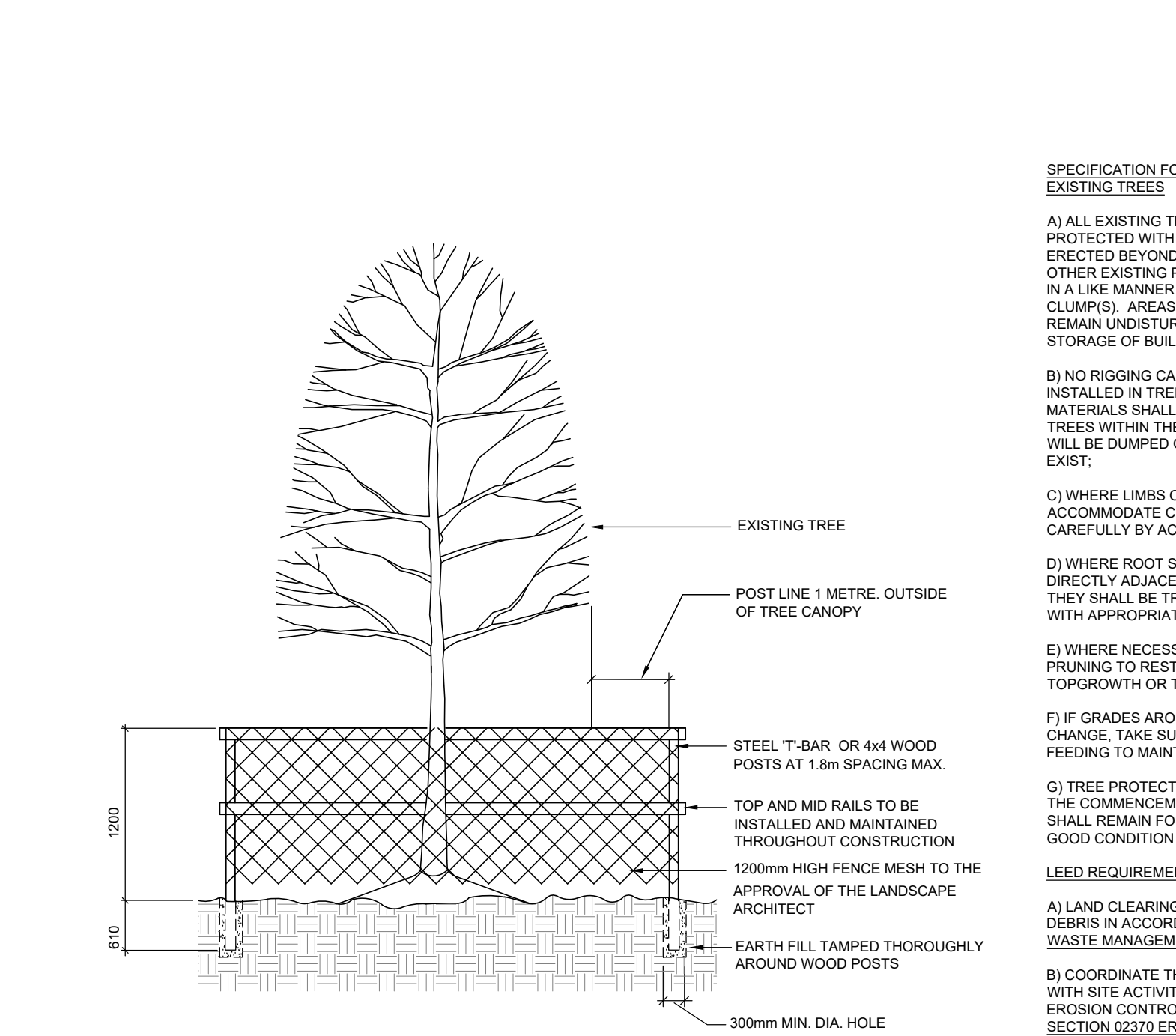
NOTES:

- PRUNE BRANCHES TO CAREFULLY REMOVE DEAD, BROKEN, DAMAGED AND INTERFERING BRANCHES. DOUBLE LEADERS AND NARROW ANGLE BRANCH UNLESS WHILE RETAINING NATURAL FORM OF TREE. THIN HEAD WHEN AND WHERE APPLICABLE. DO NOT CUT LEADER BRANCHES.
- 1000mm LONG SPRUCE STAKES IS DRIVEN INTO FIRM SUBGRADE. THEY ARE TO BE COMPOSED OF ROUND BUNCHED TREATED BINDER TWINE OR SINGLE LAYER OF TREATED BURLAP OR FABRIC. STAKING TO BE REMOVED ONE YEAR AFTER INSTALLATION.
- REMOVE ALL TREE TRUNK WRAP FOLLOWING PLANTING. INSTALL 150 DIA. 4000mm HIGH FLEXIBLE LINE PLASTIC PIPE FOR RODENT GUARD/RUNK PROTECTION.
- 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.
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- SOIL PREPARATION AREA TO BE 6x ROOTBALL DIAMETER. SCARIFY SOIL PREPARATION AREA TO A MINIMUM DEPTH OF 300mm 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.



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 ONTARIO HORTICULTURAL TRADES ASSOCIATION LANDSCAPE GUIDELINES AND STANDARDS, AND THE INTERNATIONAL SOCIETY OF HORTICULTURE FOR TREES AND SHRUBS.
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4 TREE PROTECTION FENCING
N.T.S.

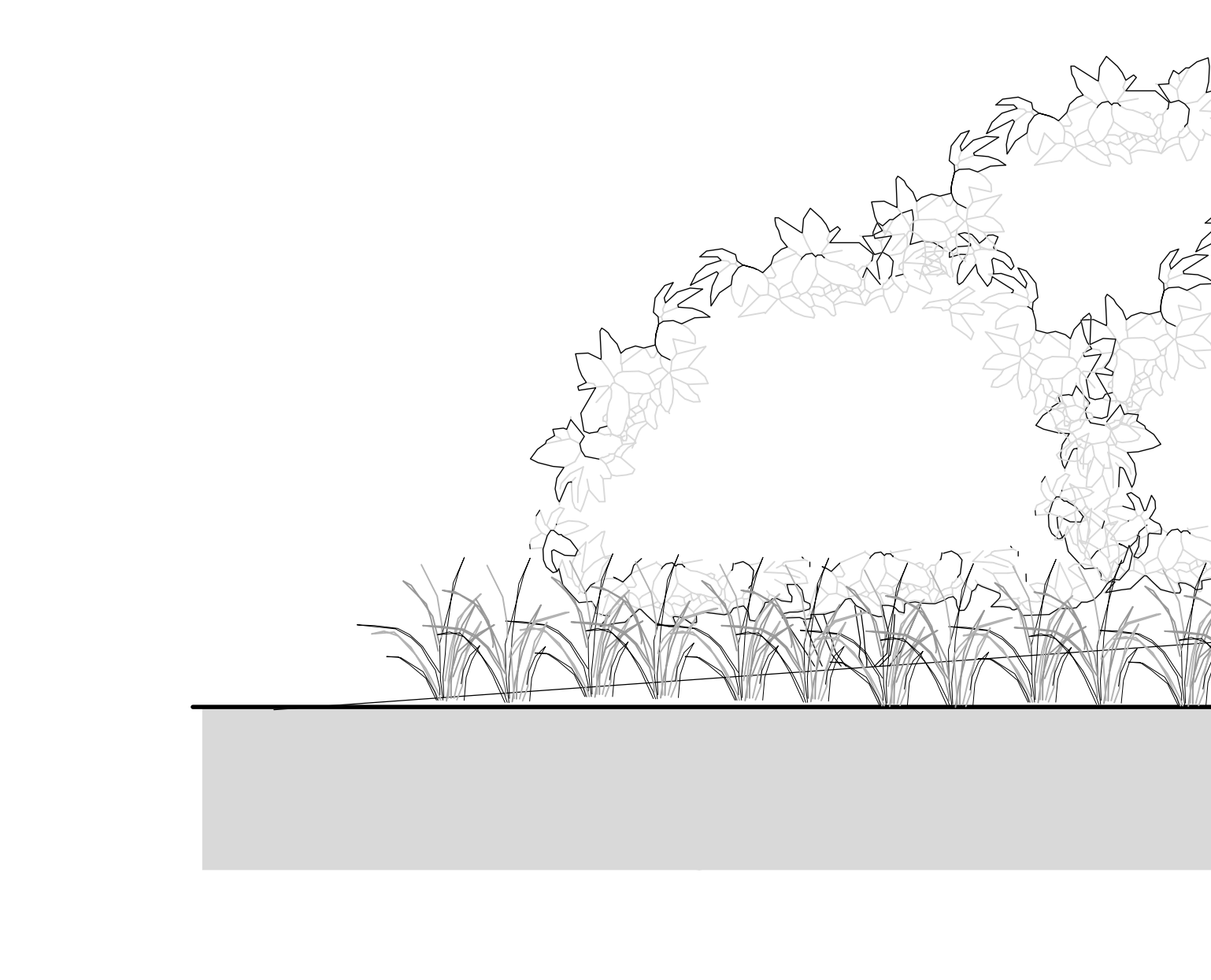
SPECIFICATION FOR THE PROTECTION AND PRESERVATION OF EXISTING TREES

- ALL EXISTING TREES WHICH ARE TO REMAIN SHALL BE FULLY PROTECTED WITH FENCING, I.E. 1000MM HIGH FENCING ERECTED BEYOND THEIR "DRY LINE" GROUPS OF TREES AND OTHER EXISTING PLANTING TO BE PROTECTED SHALL BE DONE IN A LIKE MANNER WITH "HOLDING" AROUND THE ENTIRE CIRCUMFERENCE. FENCING SHALL BE PROTECTED BY FENCING SHALL REMAIN UPRIGHT AND SHALL NOT BE USED FOR THE STORAGE OF BUILDING MATERIALS OR EQUIPMENT.
- NO HOODING CABLES SHALL BE WRAPPED AROUND OR INSTALLED IN TREES AND SUBSOIL EQUIPMENT, CABLES OR MATERIALS SHALL NOT BE PLACED OVER ROOT SYSTEMS OF THE TREES WITHIN THE PROTECTIVE FENCING. NO CONTRACTORS WILL BE DUMPED OR FLUSHED WHERE FEEDER ROOTS OF TREES EXIST.
- WHERE LIMBS OR PORTIONS OF TREES ARE REMOVED TO ACCOMMODATE CONSTRUCTION WORK, THEY WILL BE REMOVED CAREFULLY BY ACCEPTED HORTICULTURAL PRACTICES.
- WHERE ROOT SYSTEMS OF PROTECTED TREES ARE EXPOSED DIRECTLY ADJACENT TO OR DAMAGED BY CONSTRUCTION WORK, THEY SHALL BE TRIMMED NEATLY AND THE AREA BACKFILLED WITH APPROPRIATE MATERIAL TO PREVENT DISECATION.
- WHERE NECESSARY, THE TREES WILL BE GIVEN AN OVERALL PRUNING TO RESTORE THE BALANCE BETWEEN ROOTS AND TOPGROWTH OR TO RESTORE THE APPEARANCE OF THE TREE.
- IF GRASSES AROUND TREES TO BE PROTECTED ARE LIKELY TO CHANGE, THE SUCH PROTECTION AS DRY WELLS AND ROOT FEEDING TO MAINTAIN THE HEALTH OF THE TREES.
- IF TREE PROTECTION ZONES SHALL BE ESTABLISHED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITY ON SITE, AND SHALL REMAIN FOR THE DURATION OF WORK MARKED IN GOOD CONDITION AT ALL TIMES.

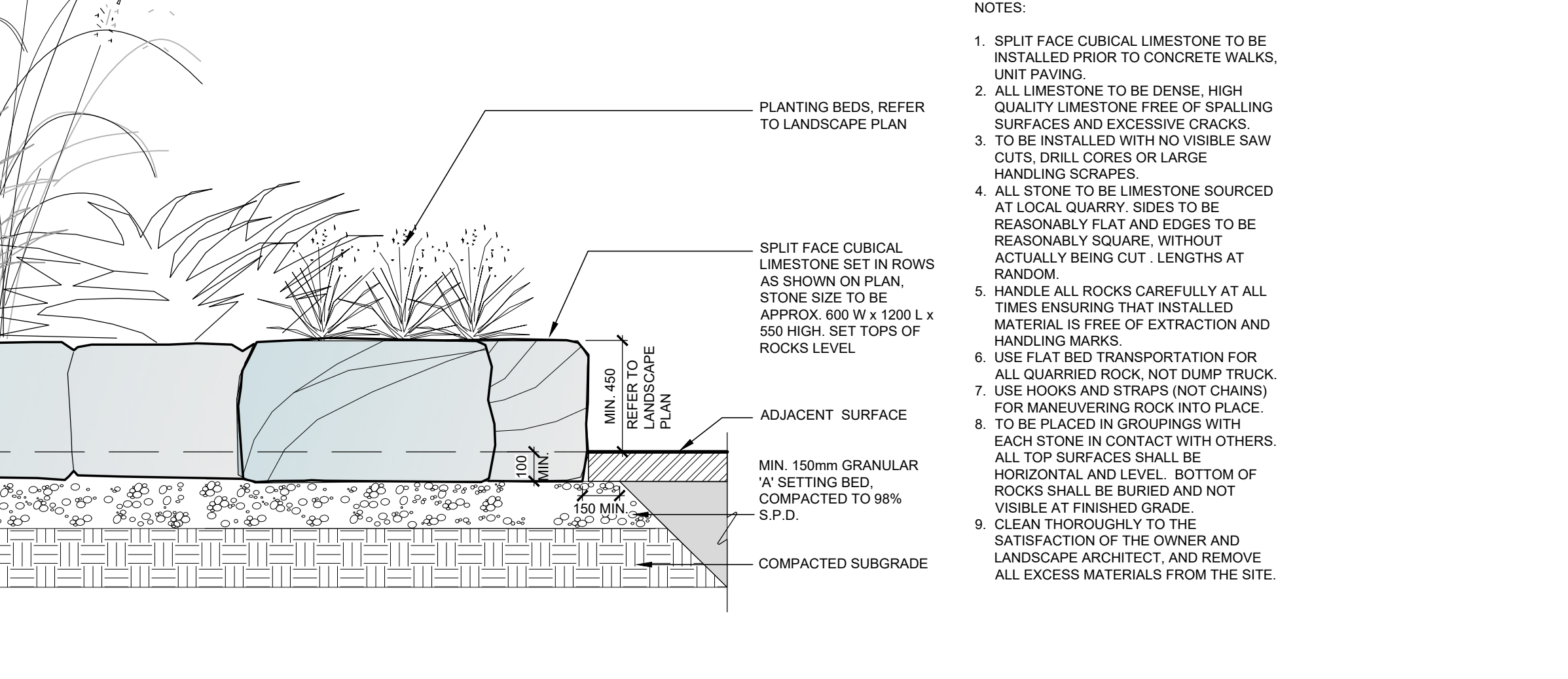
LEED REQUIREMENTS FOR TREE PROTECTION

- ALL LAND CLEARING BEYOND SURFACE OF ANNUAL LAND CLEARING DESIRS IN ACCORDANCE WITH BEST PRACTICE SECTION 02100 SITE MANAGEMENT AND DISPOSAL.
- COORDINATE THE ERECTION OF TREE PROTECTION FENCING WITH SITE ACTIVITIES REQUIRED FOR SEDIMENTATION AND EROSION CONTROL IN ACCORDANCE WITH BEST PRACTICE SECTION 02120 EROSION AND SEDIMENTATION CONTROL.

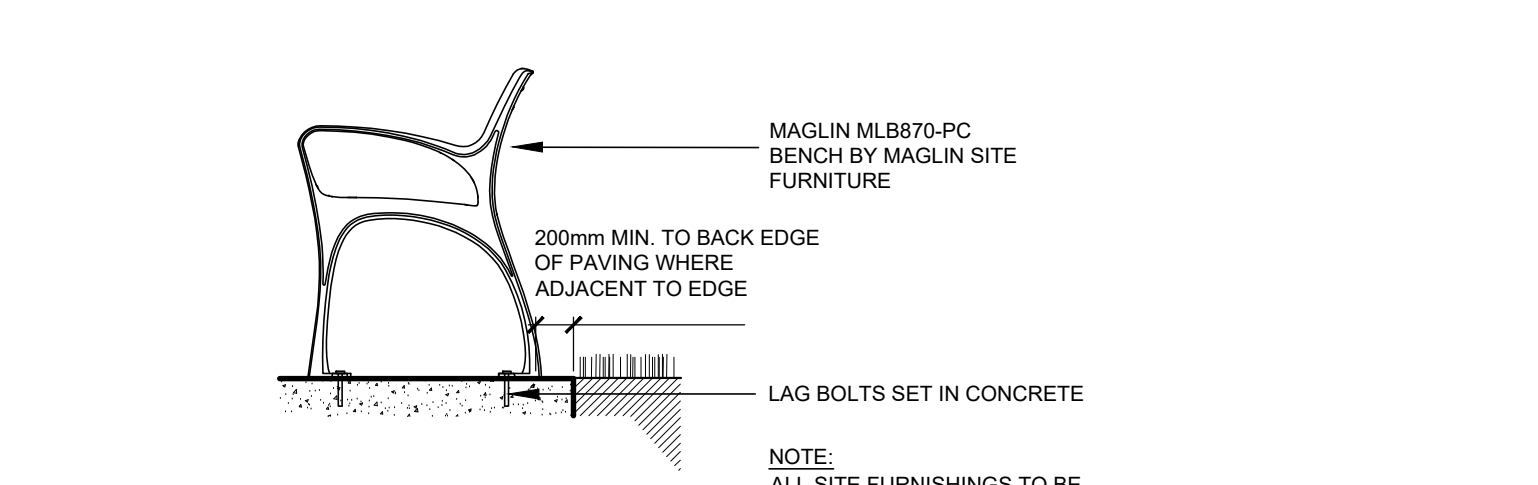
5 Gateway Feature - Section Elevation
N.T.S.



5 Gateway Feature - Section Elevation
N.T.S.



6 Bench
N.T.S.



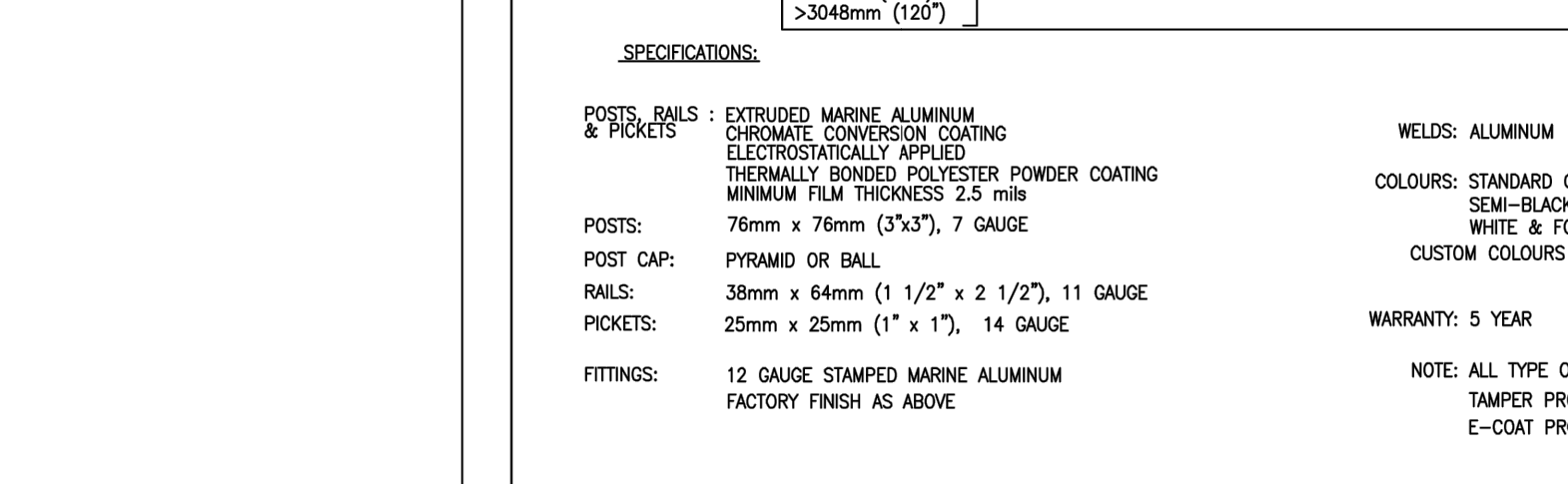
7 Bike Rack
N.T.S.



8 Recycling Unit
N.T.S.



9 Trash Unit
N.T.S.



10 Decorative Steel Fence
N.T.S.

870 SERIES

MLB870-PC

MATERIALS: Bench ends are made from solid cast aluminum. The seat and back are made from powder coated HDPE slats.

FINISH: All steel components are powder coated with a 5-year warranty.

INSTALLATION: The bench is delivered pre-assembled. Make 8/32" holes in ground for mounting to base.

TO SPECIFY: Select: MLB870-PC (Standard) Powder Coat

DIMENSIONS: Length: 2070mm (81 1/2") Height: 760mm (29 1/2") Seat Height: 460mm (18 1/4") Back Height: 760mm (29 1/2")

MAGLIN

MAGLIN MB870-PC STEEL, POWDERCOAT, GUNMETAL GLOSS PC SLATS, CHARCOAL

150 SERIES

MBR150-S

MATERIALS: The bike rack is constructed using 100% steel tubes and end mounting plates.

FINISH: All steel components are powder coated with a 5-year warranty.

INSTALLATION: The bike rack is delivered pre-assembled.

TO SPECIFY: Select: MBR150-S (Standard) Powder Coat

DIMENSIONS: Length: 1500mm (59 1/8") Height: 1000mm (39 3/8")

MAGLIN

MAGLIN MBR150-S STEEL, POWDERCOAT, GUNMETAL GLOSS

1400 SERIES

MRC1403

MATERIALS: The recycling station frame is made using 100% recycled aluminum. Recycled components such as HDPE plastic, 100% recycled paper composite (HDPE) or steel are used for the sides and door panels. There is 23 gallon commercial grade plastic bins and a 23 gallon steel bin are provided.

FINISH: All steel components are powder coated with a 5-year warranty.

INSTALLATION: The recycling station is delivered pre-assembled. Make 8/32" holes in ground for mounting to base.

TO SPECIFY: Select: MRC1403 (Standard) Powder Coat

DIMENSIONS: Length: 1400mm (55 1/8") Height: 1000mm (39 3/8")

MAGLIN

MAGLIN MRC1403 STEEL, POWDERCOAT, GUNMETAL GLOSS DOOR PANELS, FACEPLATE, BLACK

1400 SERIES

MLWR1400-32

MATERIALS: The trash container frame is made using 100% recycled aluminum. Recycled components such as HDPE plastic, 100% recycled paper composite (HDPE) or steel are used for the sides and door panels. There is 23 gallon commercial grade plastic bins and a 23 gallon steel bin are provided.

FINISH: All steel components are powder coated with a 5-year warranty.

INSTALLATION: The trash container is delivered pre-assembled. Make 8/32" holes in ground for mounting to base.

TO SPECIFY: Select: MLWR1400-32 (Standard) Powder Coat

DIMENSIONS: Length: 1400mm (55 1/8") Height: 1000mm (39 3/8")

MAGLIN

MAGLIN MLWR1400-32 STEEL, POWDERCOAT, GUNMETAL GLOSS DOOR PANELS, HDPE PLASTIC MLWR1400-32DOREY DOOR PANELS, FACEPLATE, BLACK

6 Bench
N.T.S.

7 Bike Rack
N.T.S.

8 Recycling Unit
N.T.S.

9 Trash Unit
N.T.S.

10 Decorative Steel Fence
N.T.S.