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9. Maintain positive surface runoff through the entire construction period.
10. Reinstall all areas and items damaged as a result of construction activities.

LEGEND

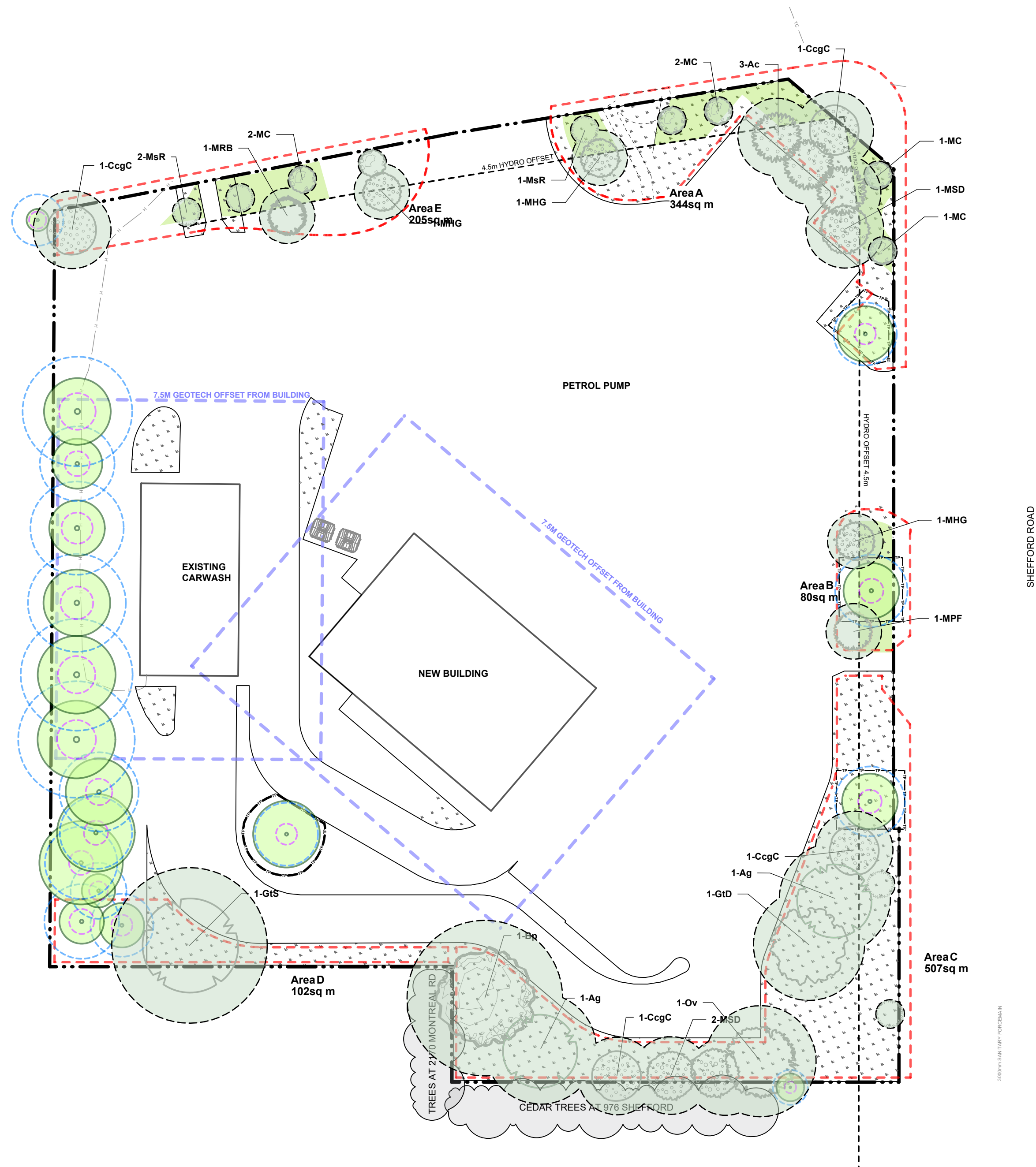
- · · · — · : PROPERTY LINE
- - - - - : 4.5m HYDRO LINE OFFSET
- - - - - (dashed blue) : 7.5m GEOTECH OFFSET
- [Empty rectangular box with north arrow] : PROPOSED SOD
- [Tree symbols: deciduous, conifer, and shrub] : PROPOSED PLANTING
- [Tree symbol with green circle] : EXISTING TREES TO BE PRESERVED
- TP — TP — TF : TREE PROTECTION FENCE
- [Hatched rectangular area] : PROPOSED PERENNIALS

**NOTE: TREE CONSERVATION REPORT FOR 2180 MONTREAL RD,
DATED MARCH 12, 2026 BY DENDRON FORESTRY SERVICES**



CONTRACTOR TO VERIFY ALL DIMENSIONS AND
NOTIFY THE ARCHITECT OF ANY DISCREPANCY
BEFORE WORK COMMENCES.

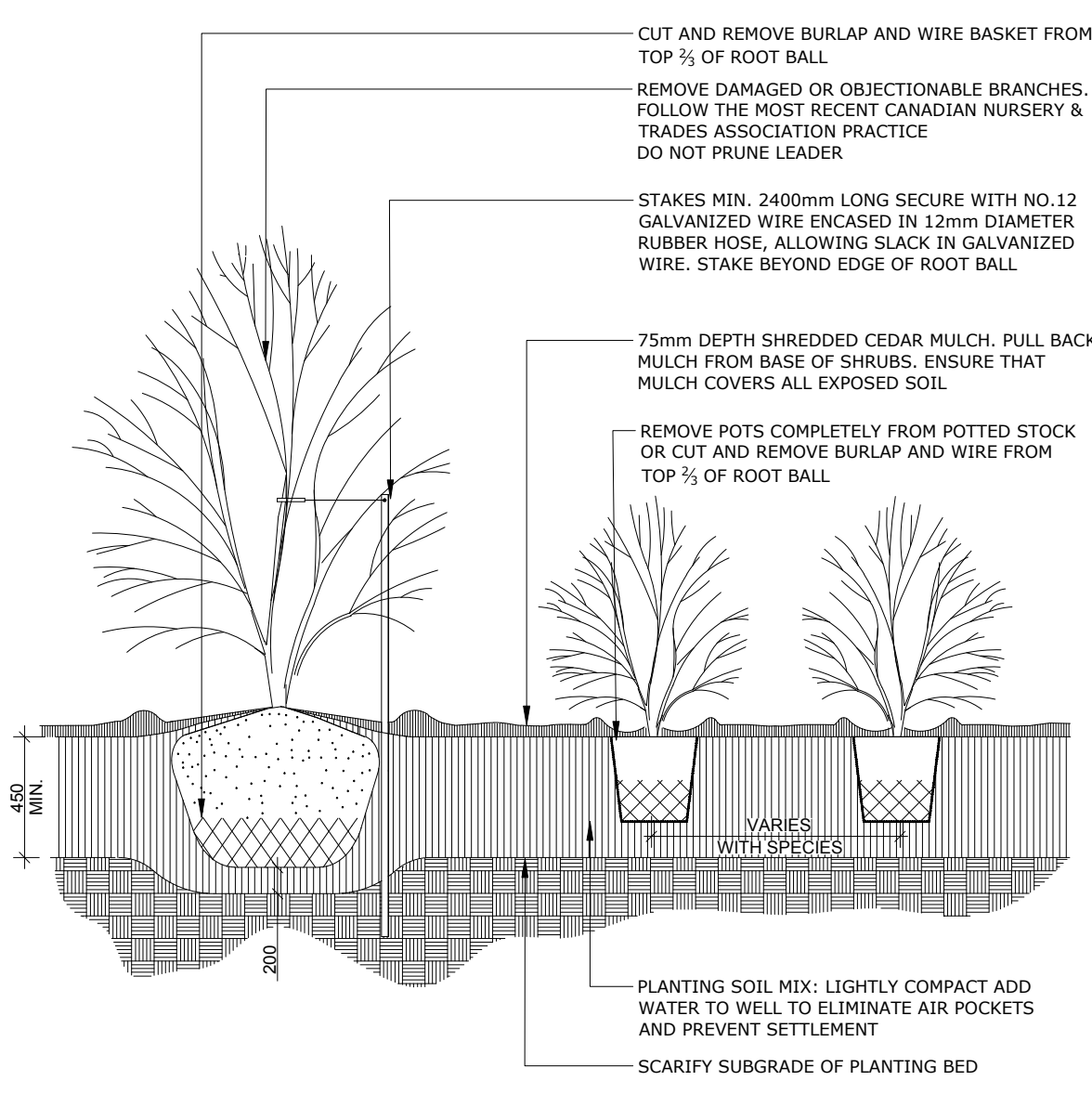
	revision
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- LEGEND**
- PROPERTY LINE
 - SOIL VOLUME ID & AREA
 - PROPOSED PLANTING
 - EXISTING TREES
 - TREE PROTECTION FENCE
 - CANOPY COVERAGE

NOTES:
PLANTING MEDIUM REQUIREMENTS FOR TREE PLANTING

- .1 WHERE SOIL VOLUMES INCLUDE SOIL VOLUMES IN R.O.W. AT PROPERTY LINE**
R.O.W. AND WITHIN SUBJECT PROPERTY: ASSUME ALL SOIL VOLUME REQUIREMENTS ARE MET WITHIN THE R.O.W. AREA. REINSTATE ANY DISTURBED AREAS IN R.O.W. OUTSIDE THE 2m RADIUS TREE PITS WITH 100-150mm TOPSOIL AND SOD.
PLACE PLANTING MEDIUM (TO DEPTH INDICATED ON SOIL VOLUME CHART) AT ALL DISTURBED AREAS WHERE EXISTING SOILS ARE REMOVED, OR WHERE EXISTING SOILS ARE NOT CONDUCTIVE TO PLANT GROWTH.
ADDITIONAL PLANTING MEDIUM IS NOT REQUIRED WHERE EXISTING SOIL IS PRESENT IN OR ADJACENT TO THE R.O.W. THIS DOES NOT INCLUDE TOPSOIL REQUIRED FOR SODDING.
WHERE SUBSOIL BELOW THE INDICATED DEPTH OF PLANTING MEDIUM IS NOT CONDUCTIVE TO PLANT GROWTH, REPLACE WITH APPROVED SUBSOIL TO A FURTHER DEPTH OF 300mm. BASE CONTRACT TO ASSUME SUBSOIL IS CONDUCTIVE TO PLANT GROWTH.
- .2 WHERE SOIL VOLUMES INCLUDE SOIL VOLUMES ON ADJACENT PROPERTY AT PROPERTY LINE**
ADJACENT PROPERTY AND WITHIN SUBJECT PROPERTY: ASSUME ALL SOIL VOLUME REQUIREMENTS ARE MET WITHIN THE ADJACENT PROPERTY AREA. REINSTATE ANY DISTURBED AREAS ON ADJACENT PROPERTY OUTSIDE THE 2m RADIUS TREE PITS WITH 100-150mm TOPSOIL AND SOD.
PLACE PLANTING MEDIUM (TO DEPTH INDICATED ON SOIL VOLUME CHART) AT ALL DISTURBED AREAS WHERE EXISTING SOILS ARE REMOVED, OR WHERE EXISTING SOILS ARE NOT CONDUCTIVE TO PLANT GROWTH.
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- NOTES:**
1. PLANTING SOIL MIXTURE AS PER SPECIFICATION.
 2. SHRUBS SPECIFIED BARE ROOTS, B.R. TO BE PLANTED SO THAT ROOTS ARE FULLY EXTENDED IN PLANTING HOLE WITH SOIL MIX BACKFILLED CAREFULLY TO PREVENT ROOT DAMAGE
 3. PROVIDE 100 HIGH EARTH SAUCER AROUND SHRUB BED
 4. STAKES TO BE REMOVED AT COMPLETION OF TWO YEAR WARRANTY PERIOD

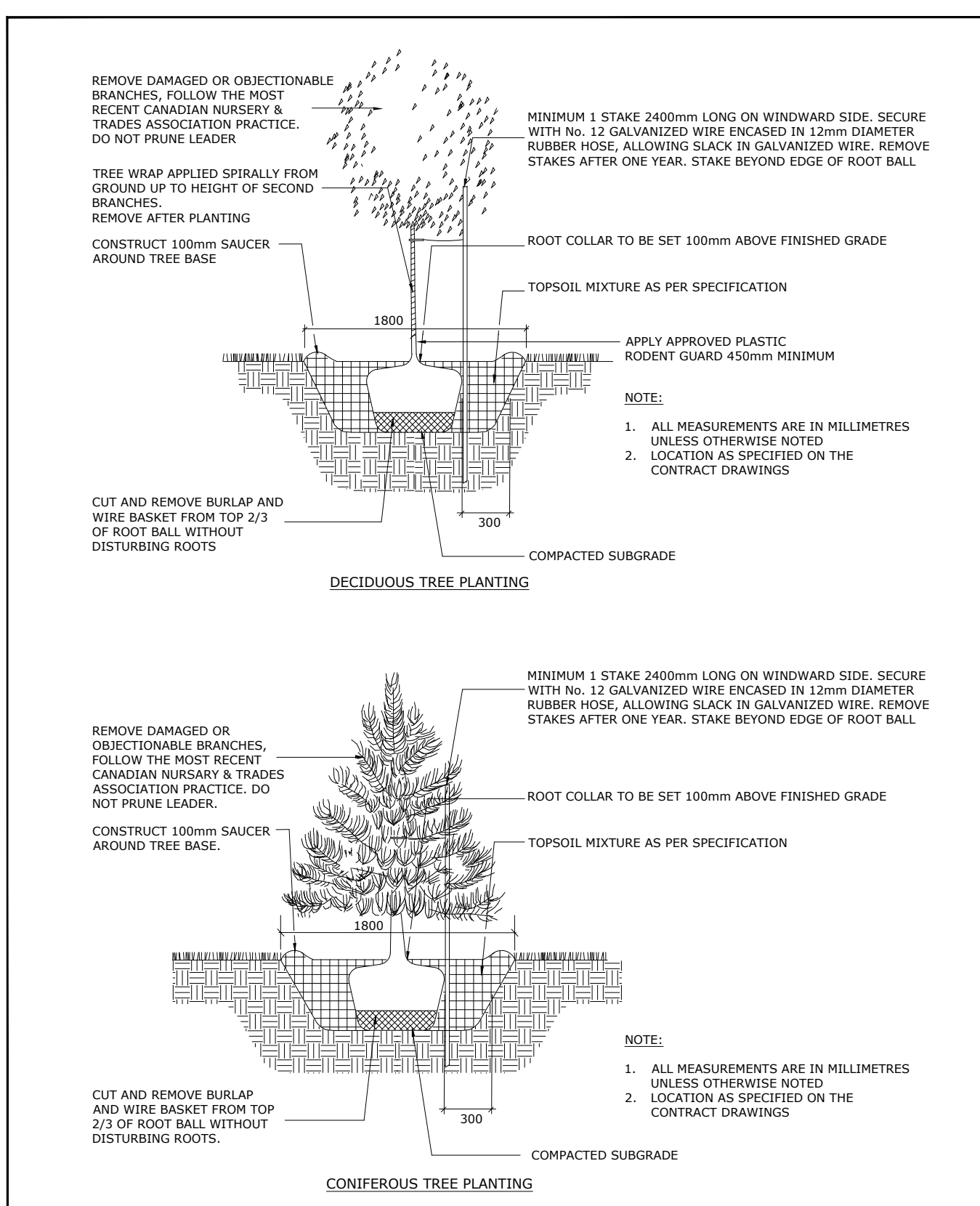
CONTINUOUS SHRUB BED PLANTING

DATE: FEB 2013
REV: FEB 2014
DWG No: L17

TREE CANOPY COVERAGE		
TOTAL CANOPY AREA	982	m2
TOTAL SITE AREA	6061	m2
PERCENT COVERAGE	16.20%	

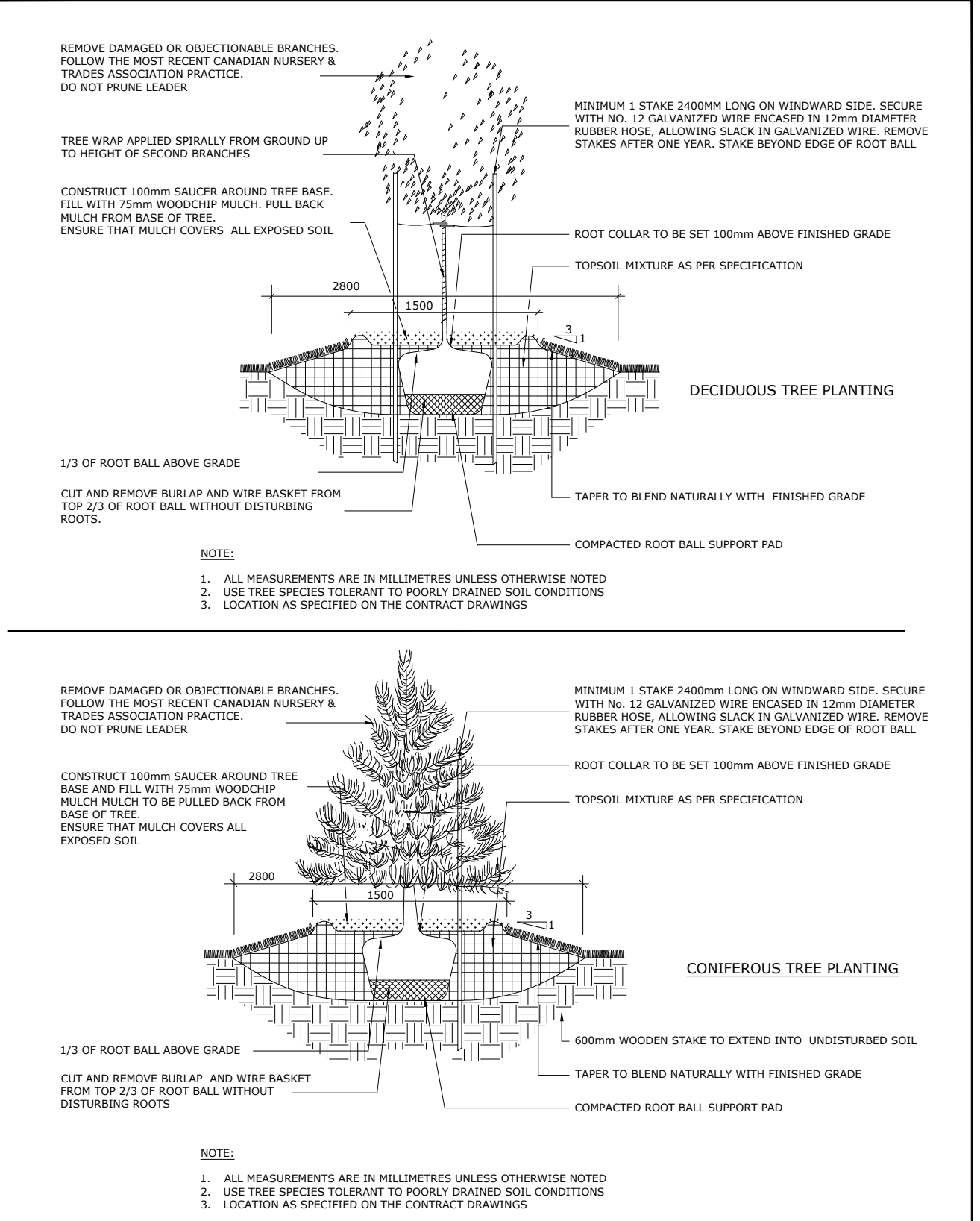
Soil Volume Area, Tree Quantity and Size		Tree Quantity	OTTAWA Target Soil Volume (m ³)	Design Soil Volume	Soil Adequacy percentage	Soil adequacy at 600mm depth average**	%Soil to be supplied by contractor
AREA A - 5 small ornamental trees, 5 small trees, 1 Orn. Tree & 1 existing med tree							SEE NOTE
plant bed (307 sq m x 1m ave deep)		12	159.0	307.0	193%	116%	1
AREA B - 2 ornamental tree, 1 existing medium tree							SEE NOTE
plant bed (80 sq m x 1m ave deep)		3	42.0	80.0	190%	114%	1
AREA C - 2 Large trees, 2 small ornamental trees, 4 small trees, 4 medium trees, 2 existing Large & 1 medium tree							SEE NOTE
plant bed (485 sq m x 1m ave deep)		15	248.4	485.0	195%	117%	2
AREA D - 2 existing large trees, 1 medium tree							SEE NOTE
plant bed (102 sq m x 1m ave deep)		3	78.0	102.0	131%	78%	2
AREA E - 4 small ornamental trees, 2 ornamental tree, 1 small tree							SEE NOTE
plant bed (182 sq m x 1m ave deep)		7	91.8	182.0	198%	119%	1

* Smaller columnar trees, small ornamental trees with growth to 8-15cm DBH, large shrubs, and columnar conifers calculated using 'How much soil to grow a big tree' by DeepRoot as a guide.
** 600mm average depth used in most cases to allow for adequacy at major feeder root depths.



PLANTING TRENCH WELL DRAINED SOILS (LOTS)

DATE: MAY 2001
REV: JAN 2017
DWG No: L2



PLANTING PIT POORLY DRAINED SOILS

DATE: MAY 2001
REV: FEB 2017
DWG No: L6



CLIENT

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A	ISSUED FOR SPC Drawing	2026-04-16
no.	revision	date

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PETRO CANADA GAS STATION

north

seal

ASSOCIATION OF LANDSCAPE ARCHITECTS ONTARIO

SOIL VOLUME/CANOPY PLAN & DETAILS

scale drawn by F. X/ N.W

date 2026/01/06 checked by M.R.

project number drawing number

RL RA 25-1770

L-02

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DO NOT SCALE DRAWINGS