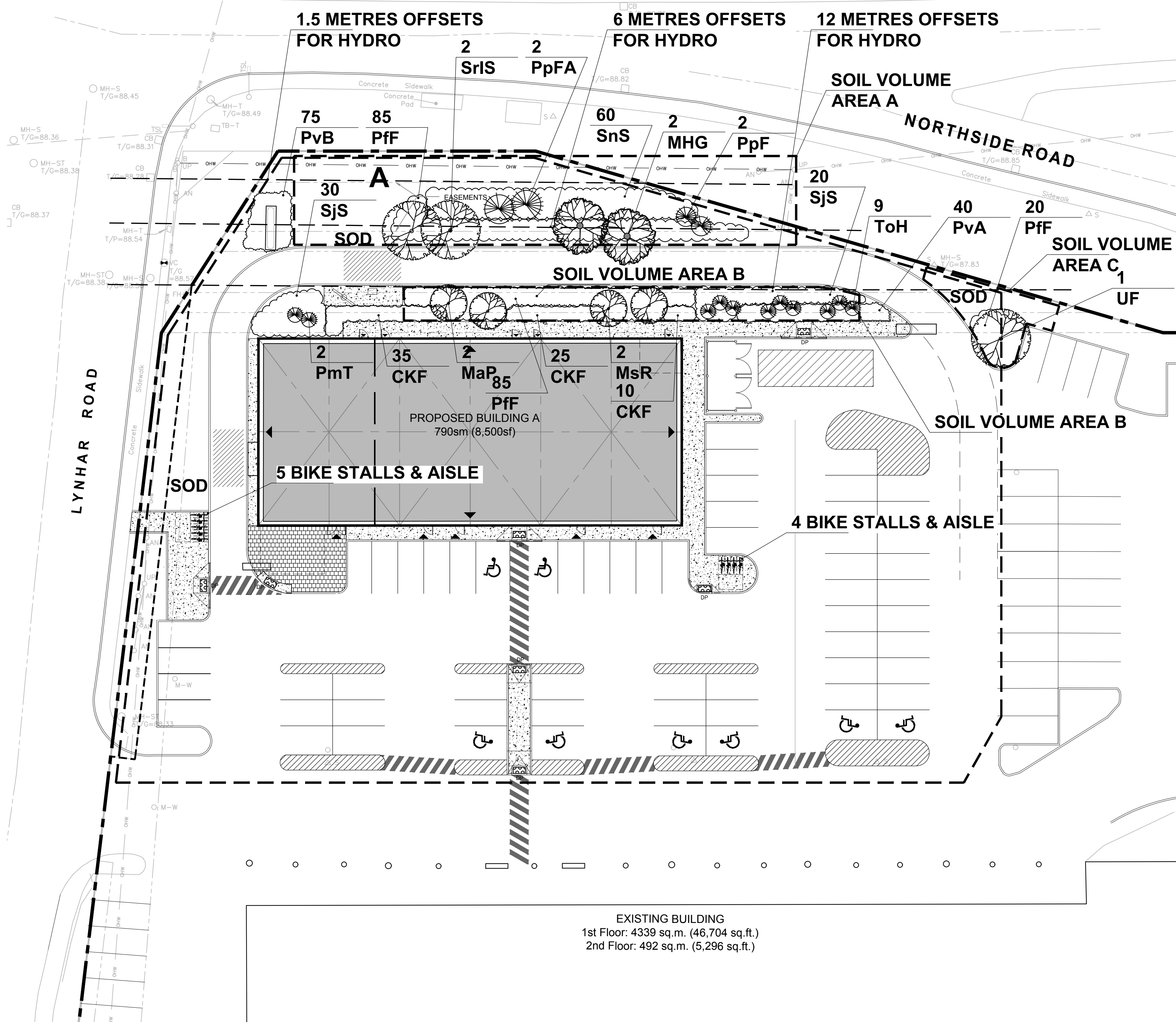


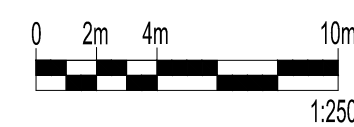
KEY PLAN

ROBERTSON ROAD

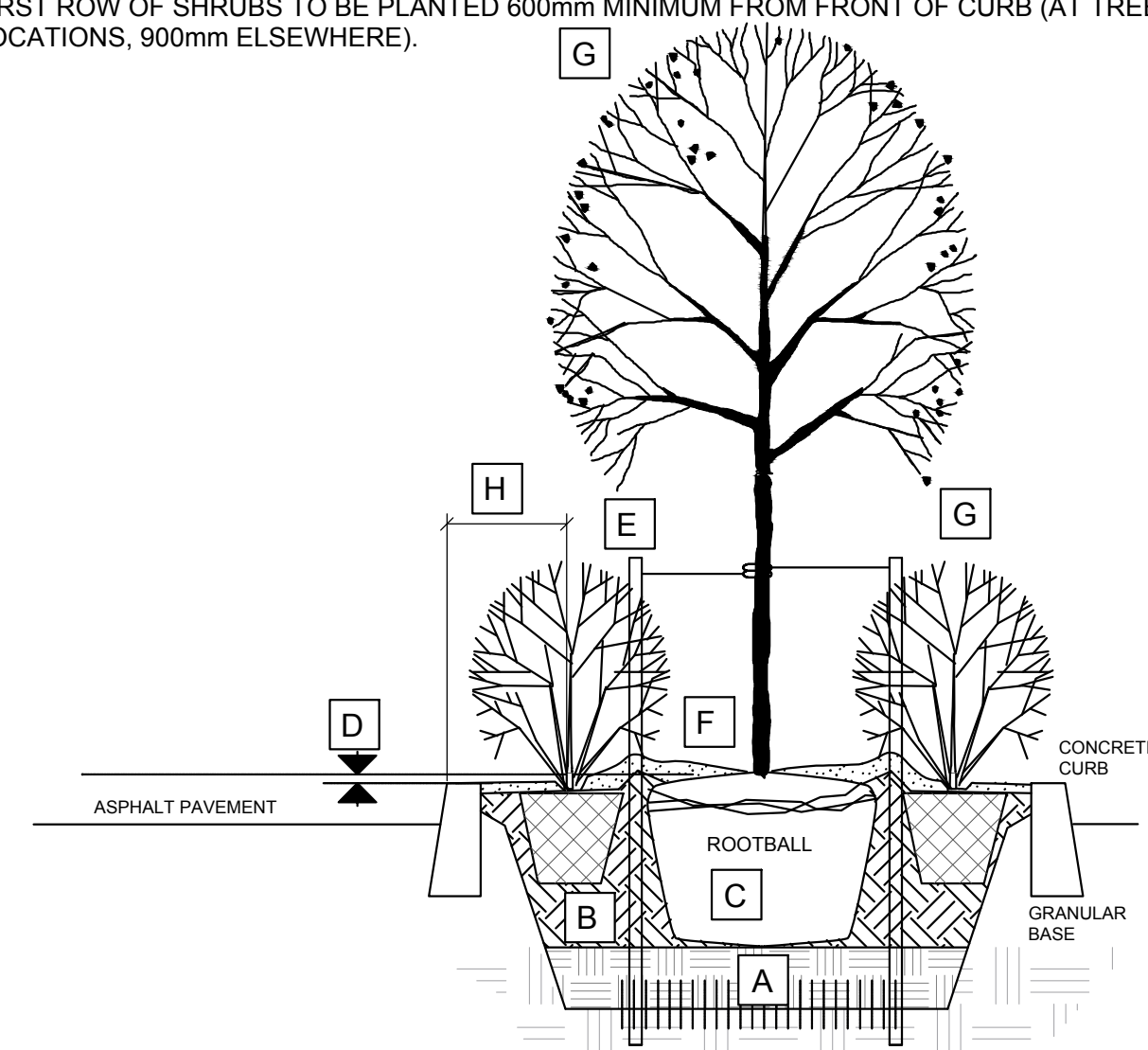


EXISTING BUILDING
1st Floor: 4339 sq.m. (46,704 sq.ft.)
2nd Floor: 492 sq.m. (5,296 sq.ft.)

LANDSCAPE PLAN
SCALE: 1:250



- A SUBSOIL / SUBGRADE CULTIVATED LAYER
- B PLANTING MEDIUM
- C ROOTBALL / POT
- D TOP OF ROOT CROWN TO BE FLUSH WITH PLANTING SOIL
- E 2-METAL POSTS (40x40x2100 mm) PLACE AT OUTSIDE OF ROOTBALL AND FASTEN TO TRUNK WITH 3 mm GALVANIZED WIRE AND 25 mmø 2 PLY REINFORCED HOSE (PARALLEL TO CURB).
- F 50-75 mm MULCH LAYER, KEEP MULCH AWAY FROM STEMS AND PROVIDE 100mm DEEP SAUCER.
- G PRUNE DAMAGE, DISEASED OR WEAK BRANCHES AS PER ACCEPTED HORTICULTURAL PRACTICE. DO NOT DAMAGE OR REMOVE LEADER
- H FIRST ROW OF SHRUBS TO BE PLANTED 600mm MINIMUM FROM FRONT OF CURB (AT TREE LOCATIONS, 900mm ELSEWHERE).



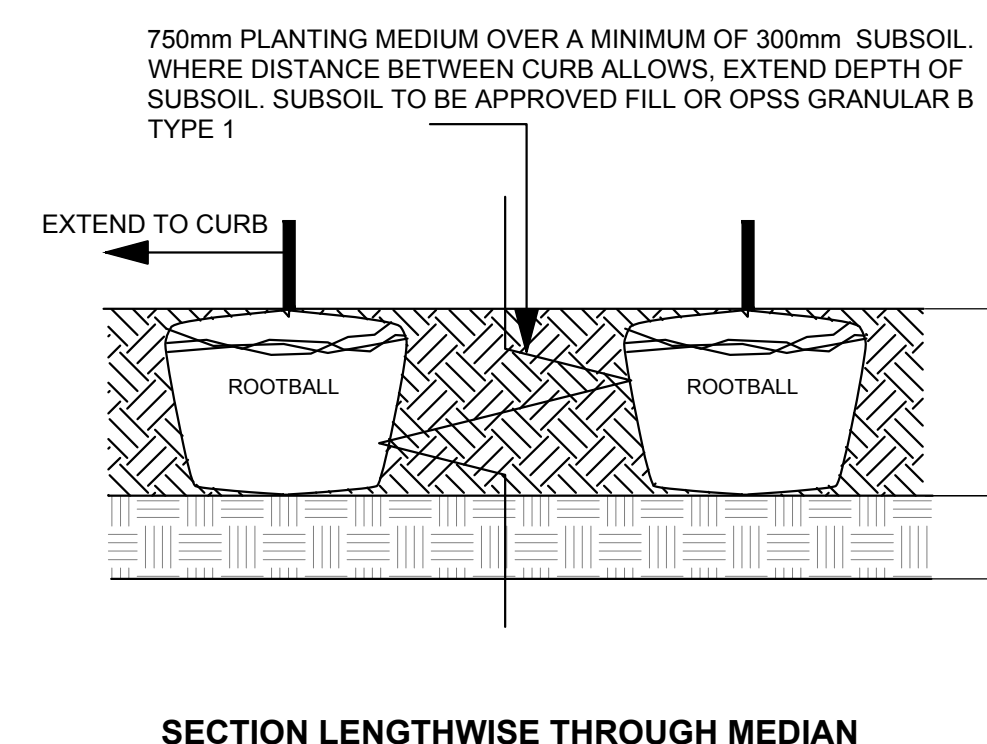
PLANTING IN MEDIAN

| ID | Qty | Botanical Name | Common Name | Scheduled Size | Remarks |
|---|-----|--|----------------------------------|----------------|--------------------|
| Trees | | | | | |
| UF | 1 | Umus x 'Frontier' | Frontier Elm | 70mm cal. | WB, Staked |
| Small trees (6.0-12m max) under 6m-12m hydro offset | | | | | |
| MHG | 2 | Malus x 'Harvest Gold' | Harvest Gold Crabapple | 50mm cal. | WB, Staked |
| SrIS | 2 | Syringa reticulata 'Ivory Silk' | Ivory Silk Tree Lilac | 50mm cal. | WB, Staked |
| Small trees Ornamental Trees (6.0m max) under 1.5m-6m hydro offset | | | | | |
| MaP | 2 | Morus alba 'Pendula' | Weeping Mulberry | 150cm stem | WB, Staked |
| MsR | 2 | Malus sargentii 'Rosea' | Sargent's Pink Flowering Crab | 50mm cal. | WB, Staked |
| PpF | 2 | Picea pungens 'Fastigiata' | Pyramidal Spruce | 1200mm ht. | WB, Staked |
| PpFA | 2 | Picea pungens 'Fat Albert' | Fat Albert Colorado blue spruce | 1200mm ht. | WB, Staked |
| Shrubs | | | | | |
| PF | 190 | Potentilla fruticosa 'Farreri' | Gold Drop Potentilla | 50cm ht. | Potted, 0.85m o.c. |
| PmT | 2 | Pinus Mughoio 'Tannenbaum' | Tannenbaum Mugho Pine | 1000mm ht. | WB, Staked |
| SJS | 50 | Spiraea japonica 'Shirobana' | Shirobana Spirea | 50cm ht. | Potted, 1.0m o.c. |
| SnS | 60 | Spiraea nipponica 'Snowmound' | Snowmound Spirea | 50cm ht. | Potted, 1.0m o.c. |
| ToH | 9 | Thuja occidentalis 'Holmstrup' | Holmstrup Cedar | 1200mm ht. | WB, Staked |
| Perennials / Ornamental Grasses | | | | | |
| PvA | 40 | Flowering perennials | | 150mm Pot | 50cm o.c. |
| PvB | 75 | Low Sun Flowering Perennials | | 150mm Pot | 50cm o.c. |
| CKF | 70 | Calamagrostis acutifolia 'Karl Foerster' | Karl Foerster Feather Reed Grass | 1 gallon Pot | 80cm o.c. |

Note:
Perennial types: (invasives such as miscanthus or purple loosestrife are not to be planted)

| Soil Volume Area, Tree Quantity and Size | Tree Quantity | OTTAWA Target Soil Volume (m ³) | Design Soil Volume | Soil Adequacy percentage |
|--|---------------|---|--------------------|--------------------------|
| AREA A - 4 ornamental trees (typical), 4 small conifers | | | | |
| plant bed (435 sq m x 0.4 ave metre deep) | 8 | 84.0 | 174.0 | 207.14% |
| AREA B - 4 ornamental trees (typical), 9 upright junipers | | | | |
| plant bed (145 sq m x 0.4 ave metre deep) | 13 | 45.5 | 58.0 | 127.61% |
| AREA C - 1 medium tree (typical) | | | | |
| plant bed (60 sq m x 0.6 ave metre deep) | 1 | 25.0 | 36.0 | 144.00% |

* 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



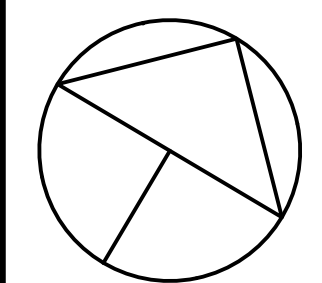
- Bed Preparation
- EXCAVATE OR PLACE FILL FOR PLANTING BED TO PROVIDE 750mm MINIMUM DEPTH OF PLANTING MEDIUM AND 300mm DEPTH SUBSOIL (CONTINUOUS BETWEEN TREES), CULTIVATE PLANTING SUBSOIL INTO SUBGRADE TO A DEPTH OF 150mm.
 - PLACE COMPACTED PLANTING MEDIUM ON SUBSOIL TO ACHIEVE FINAL GRADE.
 - CENTRE OF BED TO BE CROWNED ABOVE ADJACENT GRADE TO APPROVAL OF CONSULTANT.

GENERAL NOTES

- ALL GENERAL SITE INFORMATION AND CONDITIONS COMPILED FROM EXISTING PLANS, SURVEYS AND CONSULTANT'S FIELD NOTES. REPORT ALL DISCREPANCIES PRIOR TO ANY WORK. NO RESPONSIBILITY IS BORN BY THE CONSULTANT FOR UNKNOWN SUBSURFACE CONDITIONS.
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- All sodded areas to receive a minimum of 150mm of topsoil over graded sub-base. DO NOT USE MESH. Sod shall come from an approved source and shall be laid within 24 hours of being cut in the nursery. Only nursery sod shall be used.
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- MAINTAIN POSITIVE SURFACE RUNOFF THROUGH THE ENTIRE CONSTRUCTION PERIOD.
- REINSTATE ALL AREAS AND ITEMS DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES.

| no. | issue / revision | date |
|-----|------------------------------|------------|
| 1 | Issued for Site Plan Control | 2023/03/03 |

north



Ruhland & Associates Ltd
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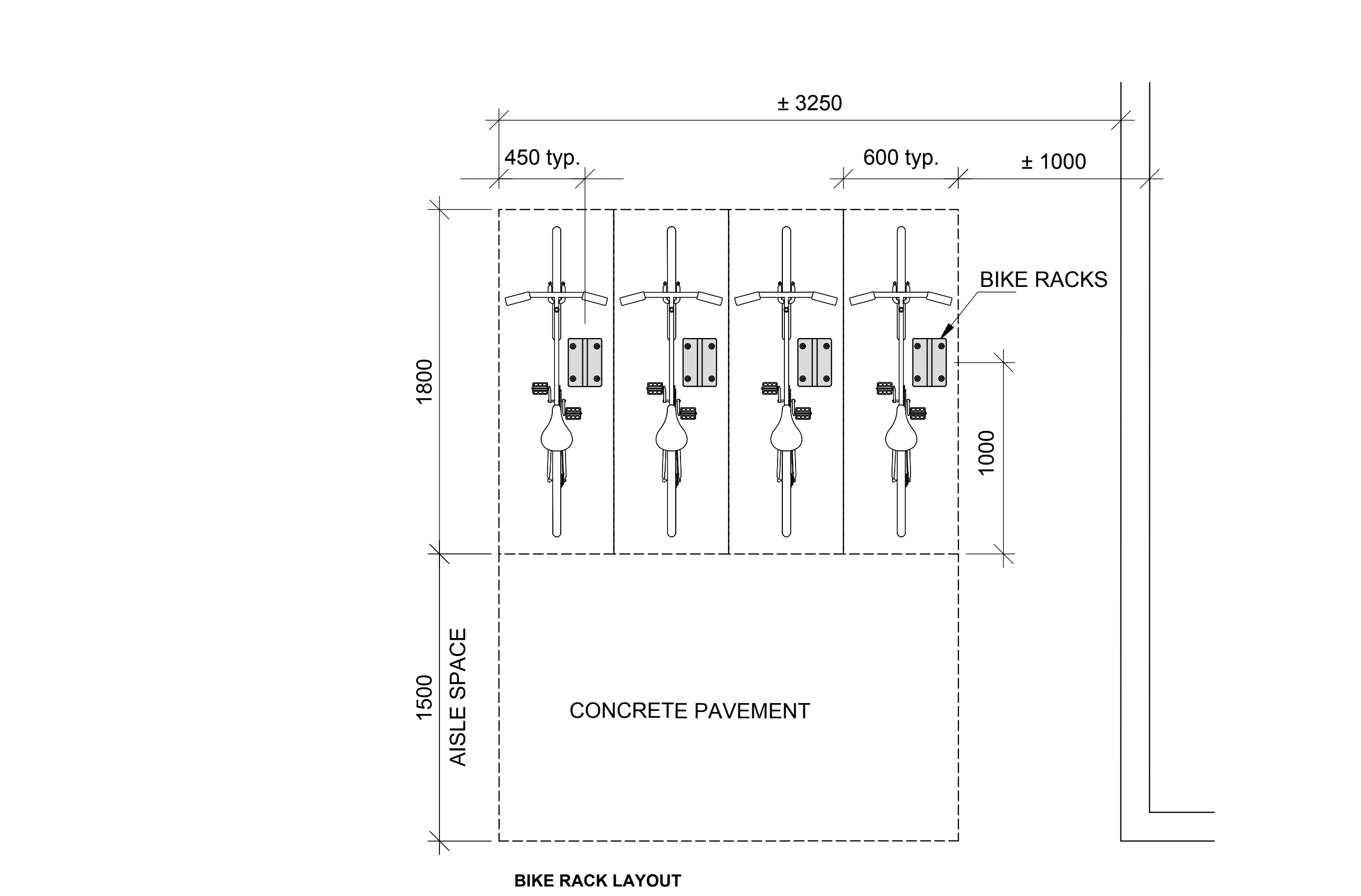
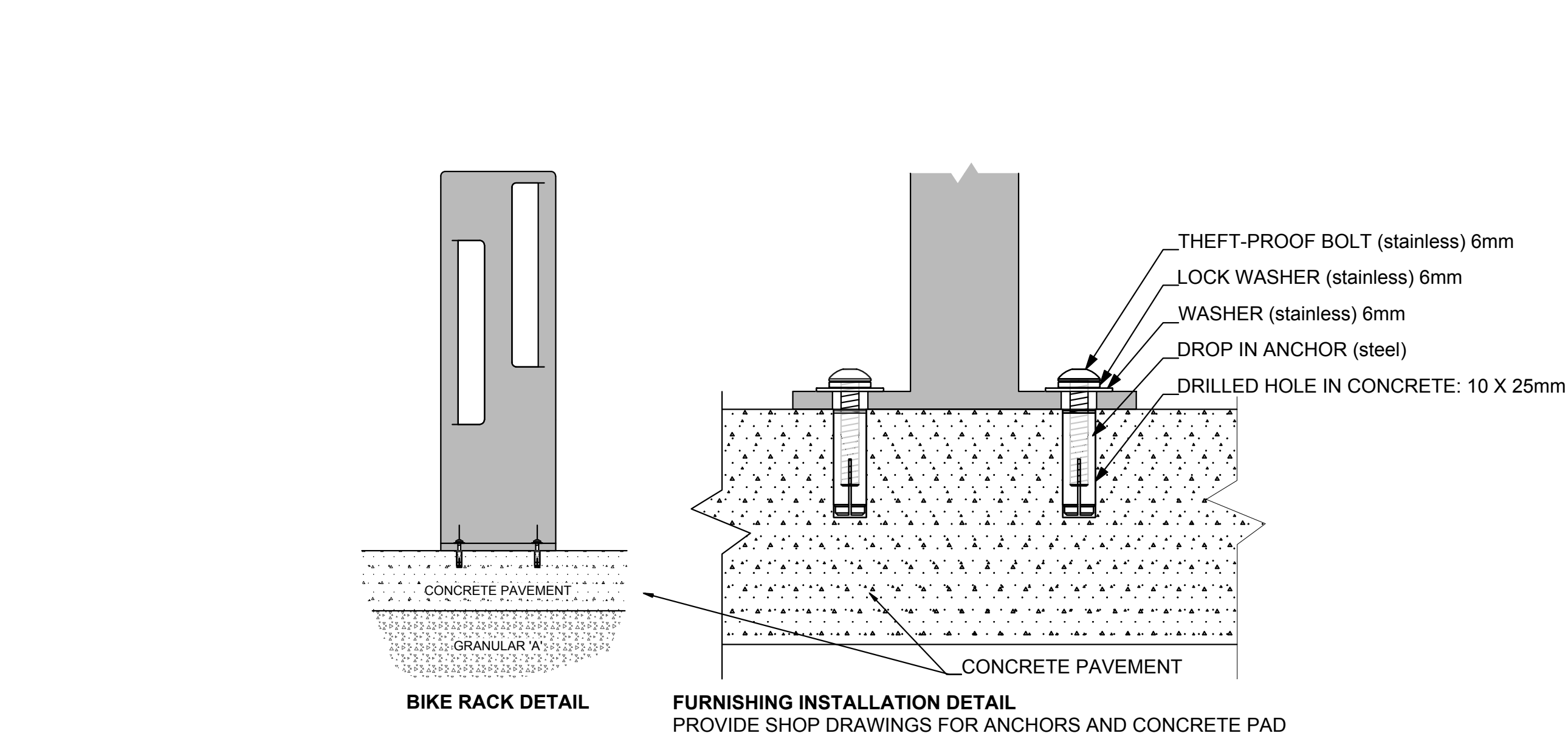
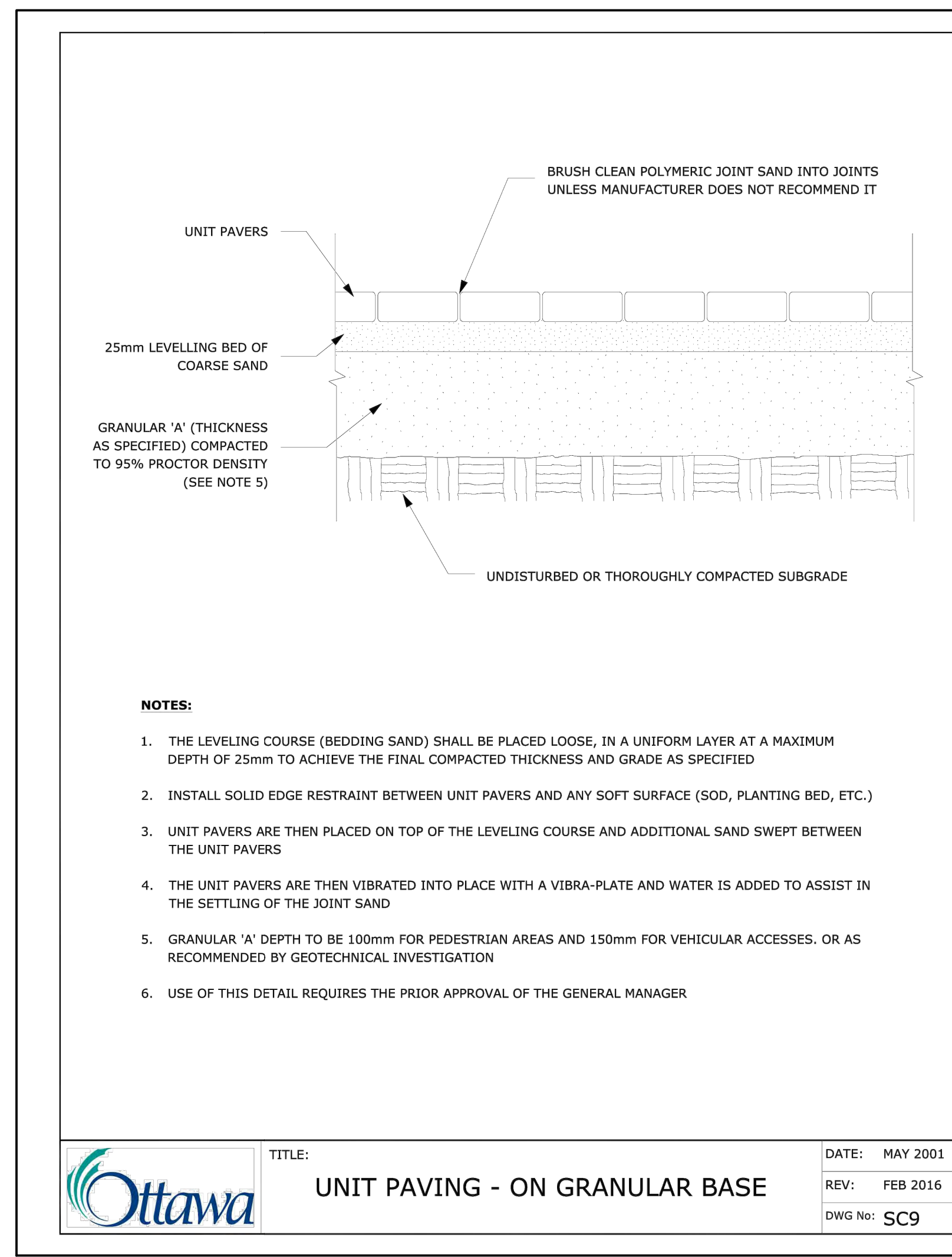
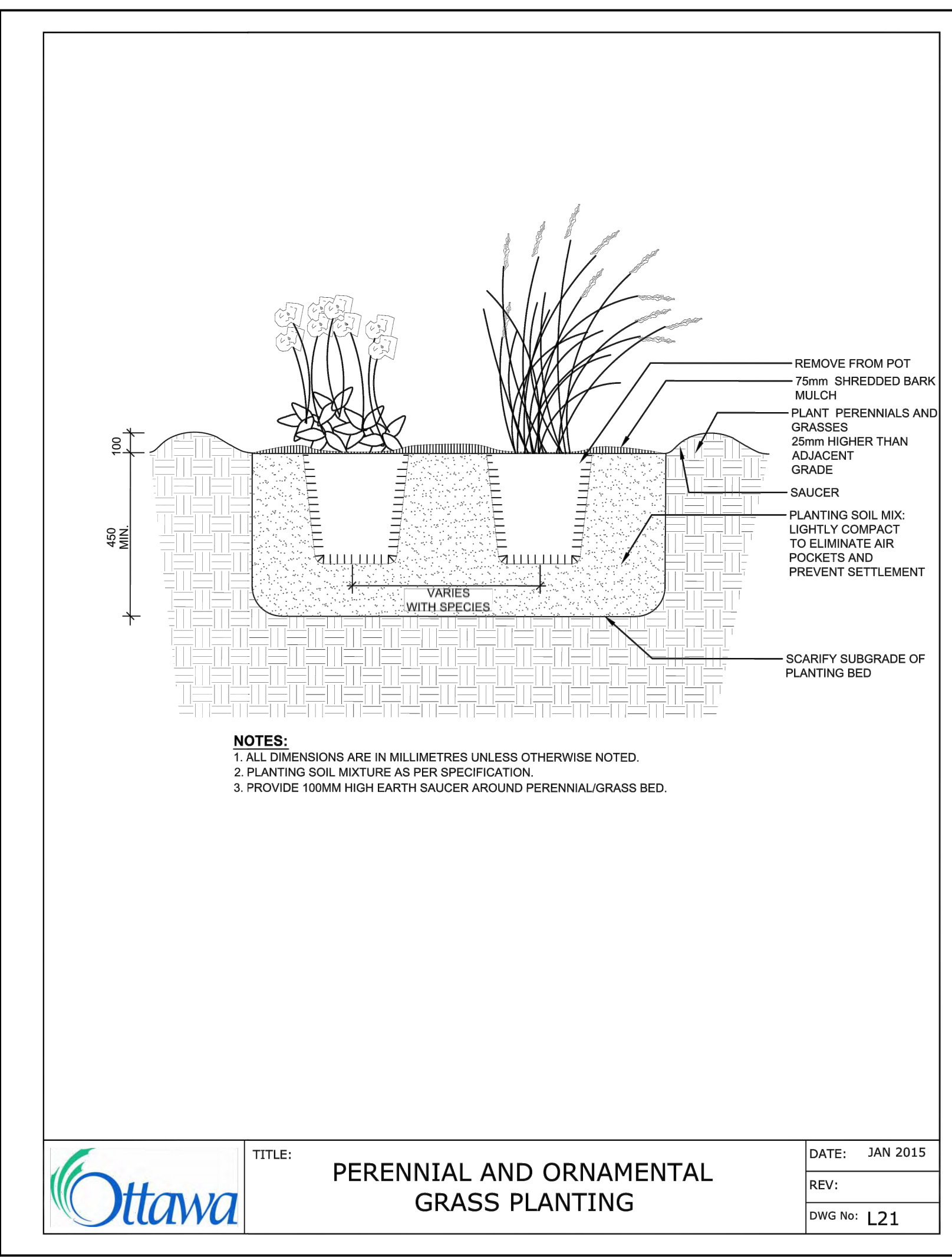
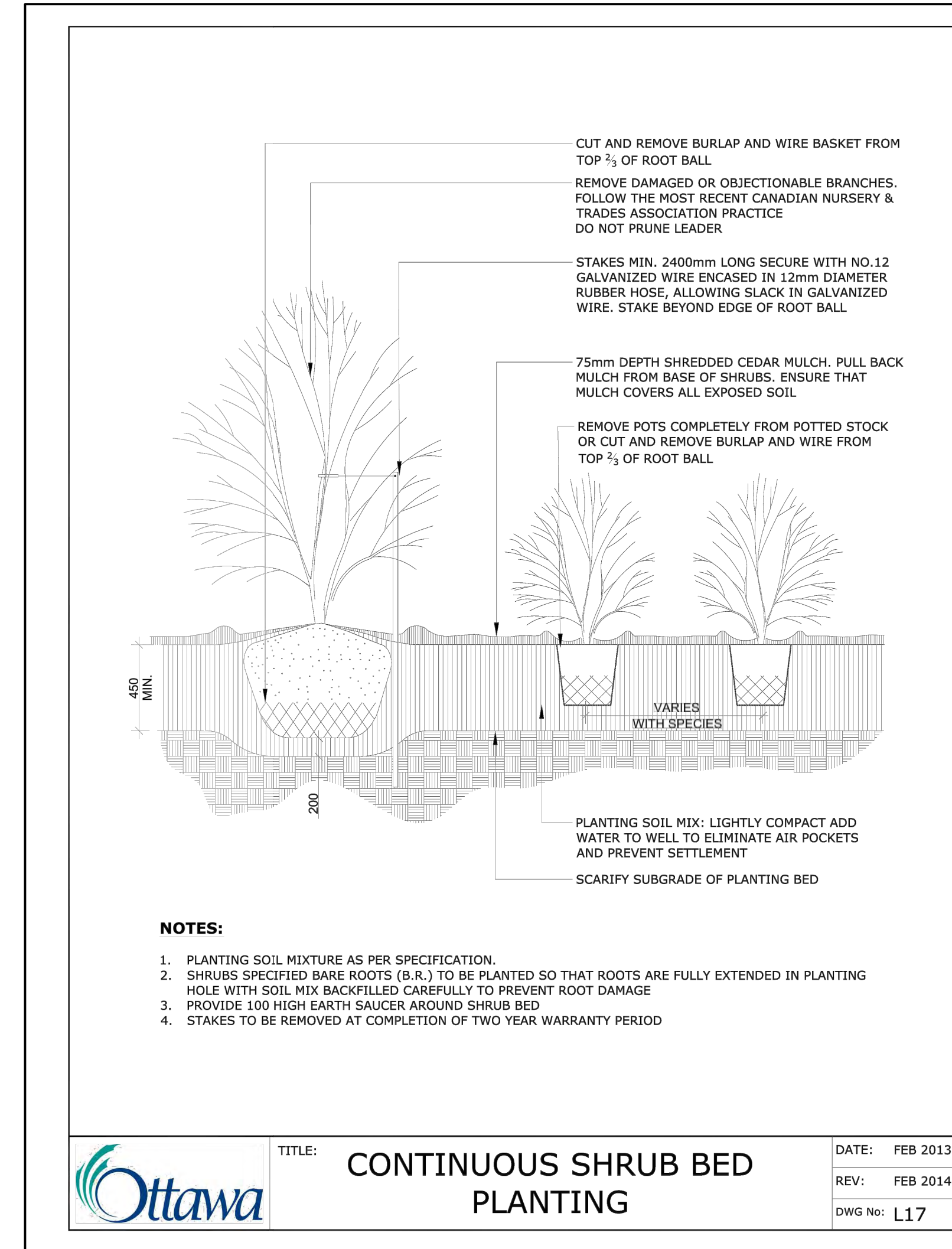
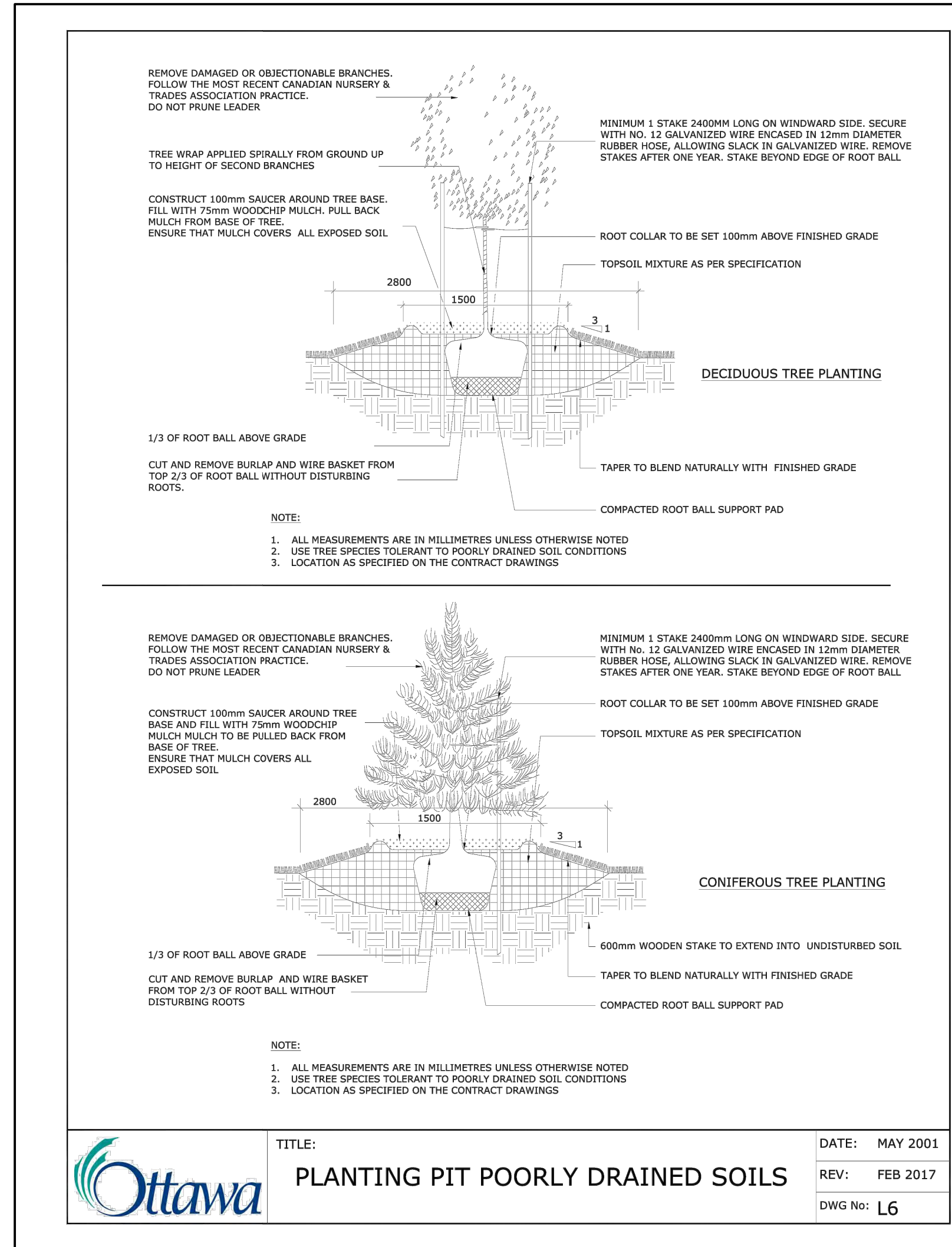
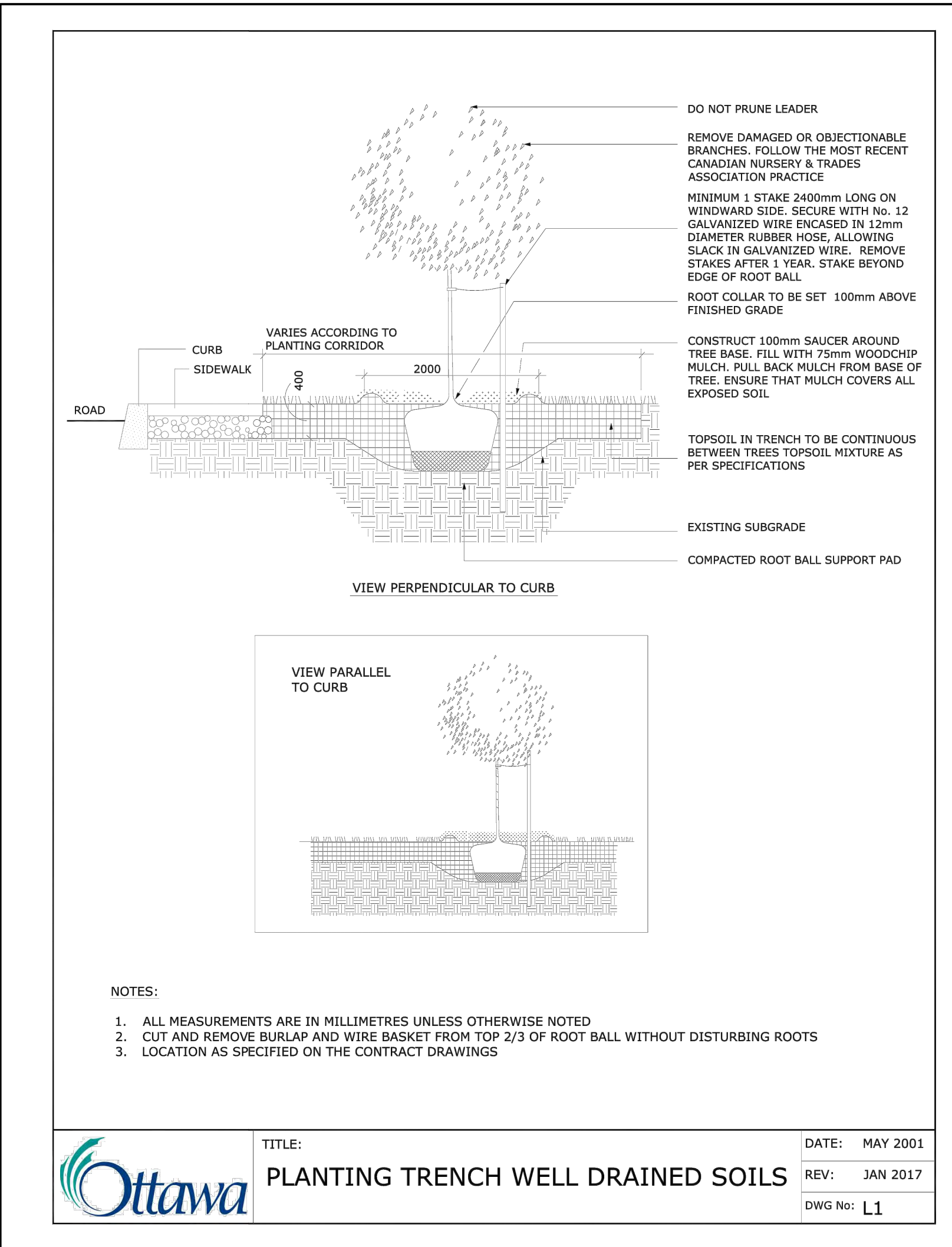
project
LYNWOOD CENTRE REDEVELOPMENT
1826 ROBERSTON ROAD

drawing title

| | | |
|-------------------|--------------------------|---------------------------|
| scale AS SHOWN | drawn by M. Markov | designed by R. Ruhland |
| date Nov. 2022 | checked by R. Ruhland | plot date |

| | |
|----------------------------------|---------------------------------|
| project number 22-1694 | drawing number L - 01 |
|----------------------------------|---------------------------------|

Contractor to check and verify all dimensions on the job



NOTES:

TREES ARE TO BE INSTALLED AS PER CITY STANDARD DETAILS. SOIL VOLUME AS PER BELOW NOTES AND MATRIX ON SHEET L-01.

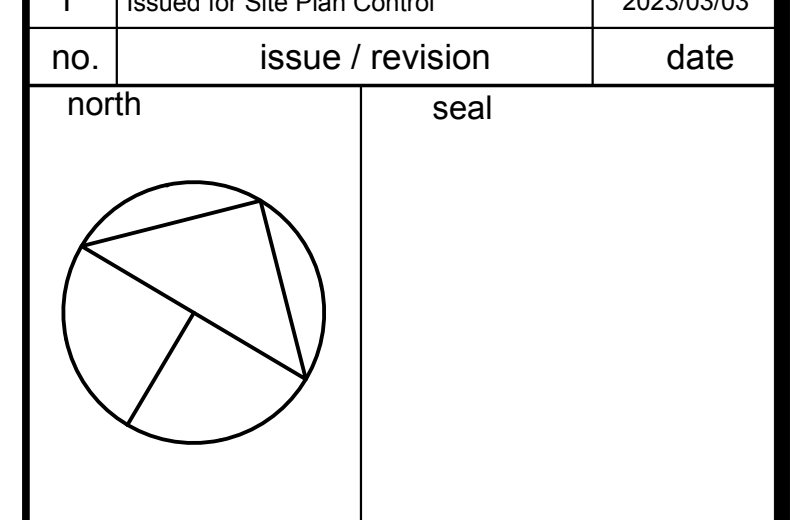
- STANDARD TREE SOIL VOLUMES QUANTITIES INCLUDE THE TOP 900-1000mm OF SOIL/EXISTING SUBSOIL LAYER TO CALCULATE TOTAL SOIL VOLUMES REQUIRED BY THE CITY OF OTTAWA FOR SUSTAINABLE TREE GROWTH. WHERE LARGER SOFT AREAS ARE AVAILABLE, THE TOP 400-500mm LAYER IS USED TO CALCULATE SOIL VOLUMES.

- WHERE EXISTING MATERIAL BELOW THE SPECIFIED TOPSOIL IS NOT CONDUCTIVE TO TREE GROWTH, AN ADDITIONAL LAYER OF PLANTING MEDIUM IS TO BE INSTALLED BELOW SPECIFIED TOPSOIL DEPTH TO OBTAIN THE SOIL VOLUME DEPTH REQUIRED.

- REFER TO SOIL VOLUME MATRIX AND PLANS FOR AREA WHERE TREE SOIL VOLUMES ARE REQUIRED.

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| 1 | Issued for Site Plan Control | 2023/03/03 | |



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project **LYNWOOD CENTRE REDEVELOPMENT**
1826 ROBERSTON ROAD

drawing title **LANDSCAPE PLAN**

| | | |
|-------------------------------|------------------------------|------------------------|
| scale AS SHOWN | drawn by M. Malkov | designed by R. Ruhland |
| date Nov. 2022 | checked by R. Ruhland | plot date |
| project number 22-1694 | drawing number L - 01 | |

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