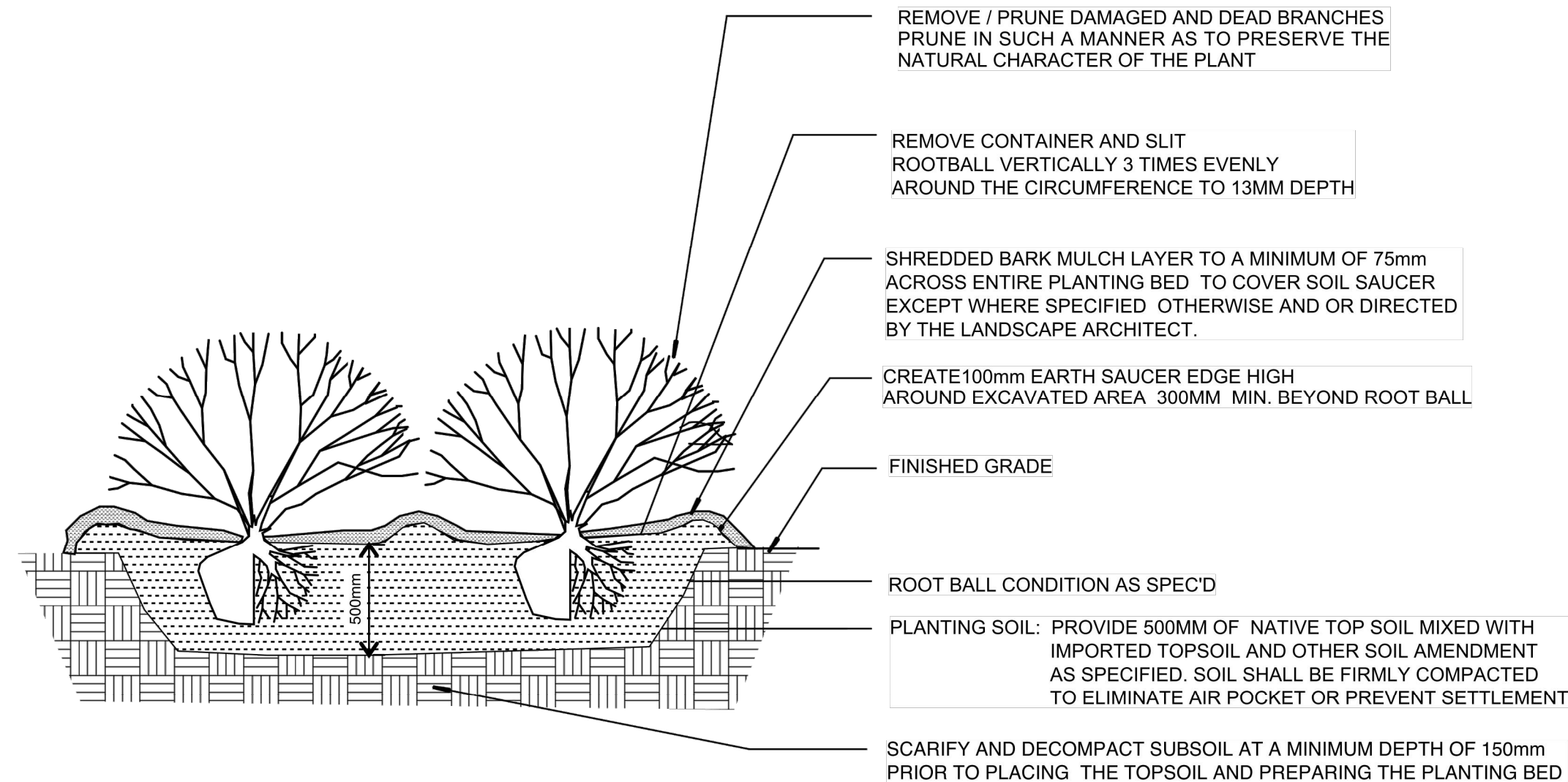
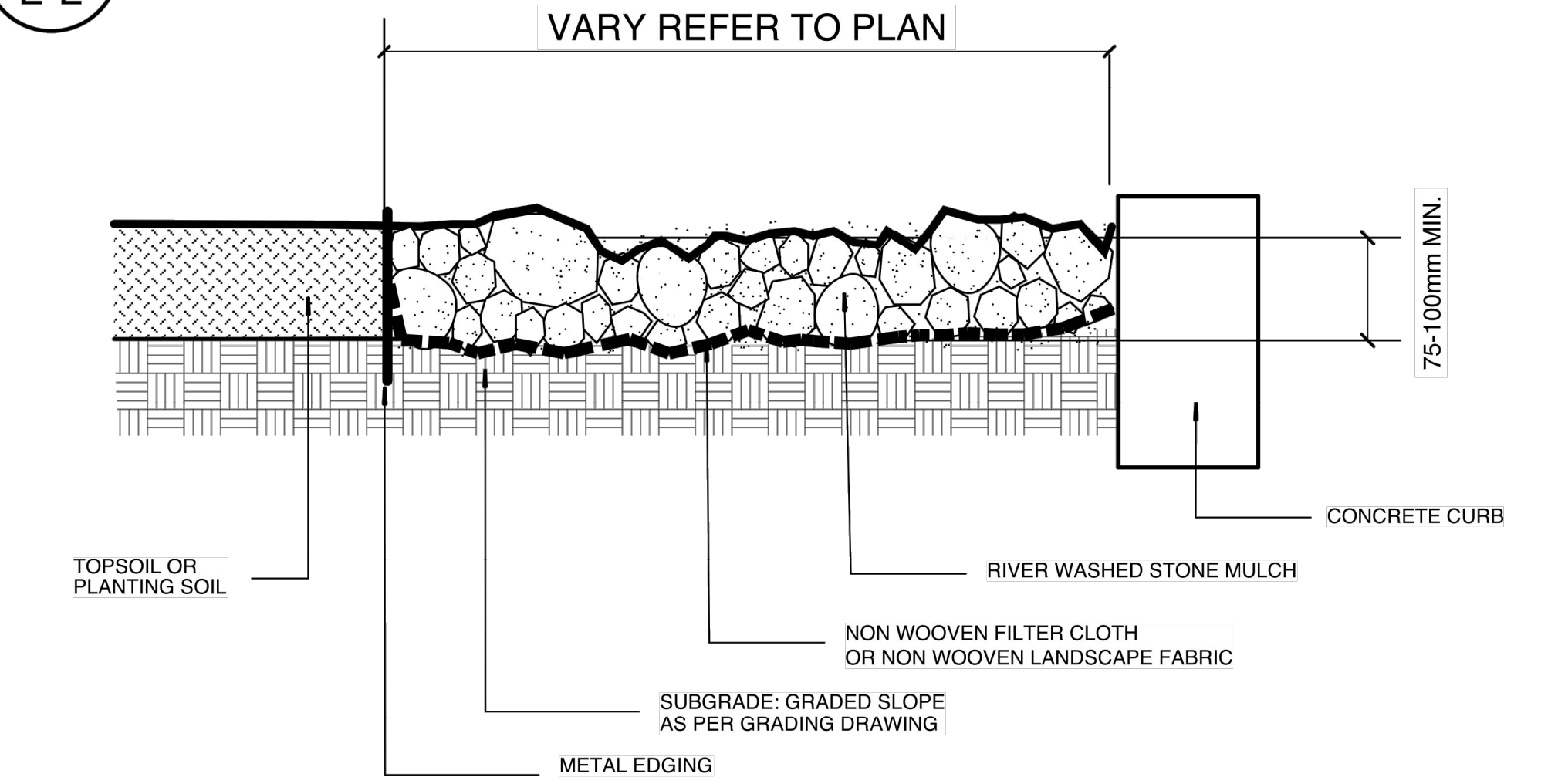


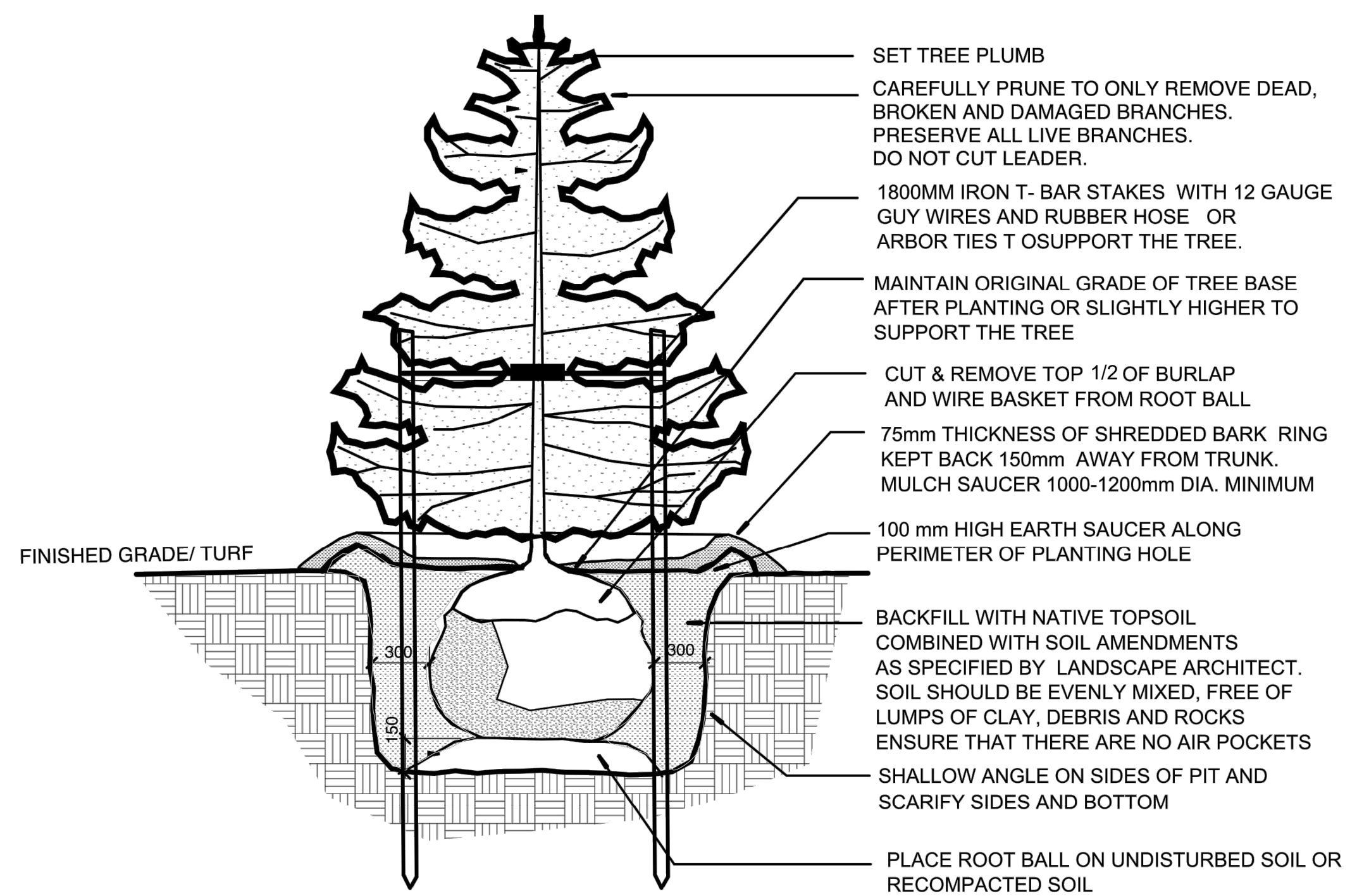
1 DECIDUOUS TREE PLANTING DETAIL NTS



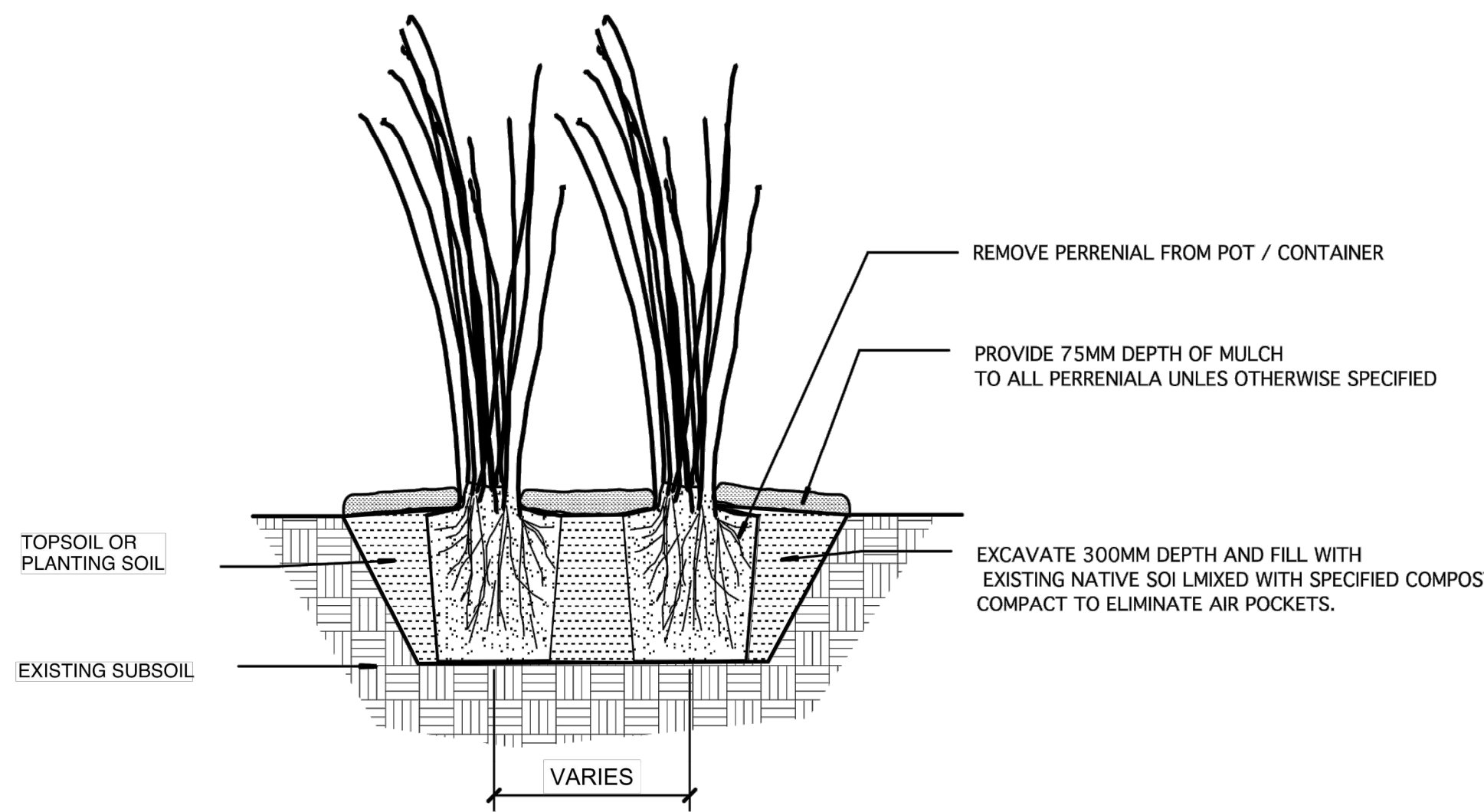
3 SHRUB PLANTING DETAIL NTS



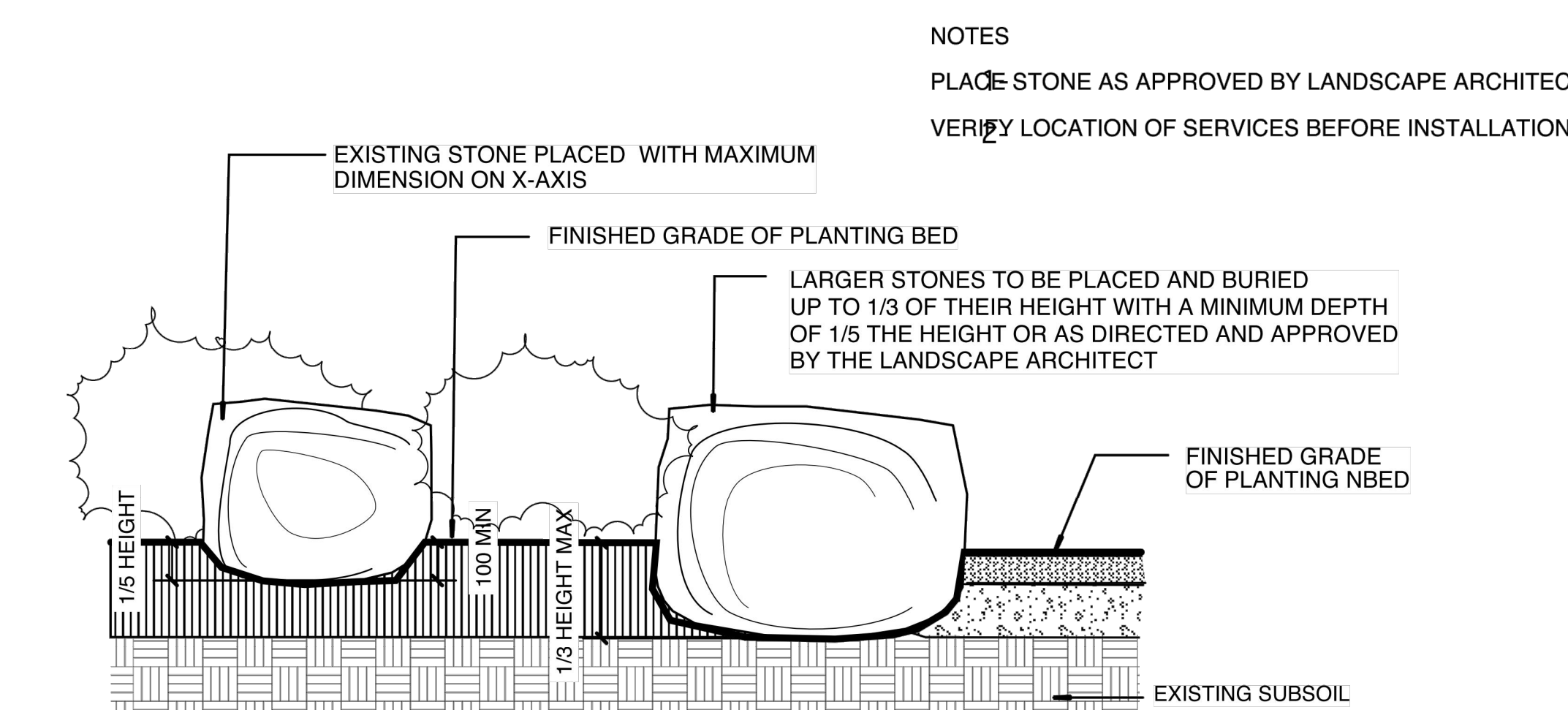
5 RIVERWASHED STONE MULCH DETAIL NTS



2 CONIFEROUS TREE PLANTING DETAIL NTS



4 PERENNIAL PLANTING DETAIL NTS



6 DECORATIVE ARMOUR STONE PLACEMENT NTS

PLANTING NOTES

- All planting to meet horticultural standards of the Canadian Nursery Trades Association Guide Specification for nursery stock. All plant material to be No. 1 Grade and to the approval of the Landscape Architect.
- All damaged material will be rejected. Trees without leaders, with trunk wounds or damaged major limbs will be rejected. shrubs with damaged branches or insufficient root mass will be rejected.
- No plant substitutions will be permitted without approval of the Landscape Architect and/or the local Municipality.
- Contractor is to apply in writing regarding any changes to contract documents and will provide the Landscape Architect with documentation and/or drawings for the preparation As Built drawings.
- Soak root ball with water prior to moving / shipping. Plant stock shipped while in leaf shall be covered when in transit. Bare root stock shall be kept moist at all times. Material that shows significant wind burn, desiccation or excessively dry root balls or containers will not be accepted.
- All trees shall have an earth saucer at its base with a diameter as large as the excavated area to retain water.
- Staking of trees shall be as per detail provided. Alternative methods may be acceptable with the approval of the Landscape Architect prior to installation.
- All shrubs and perennials are to be planted in continuous beds unless otherwise indicated on the drawings.
- Tree pits & saucer and planting beds shall be soaked with water & mulched immediately following planting. Top dress area immediately over root mass (saucer area) with bonemeal.

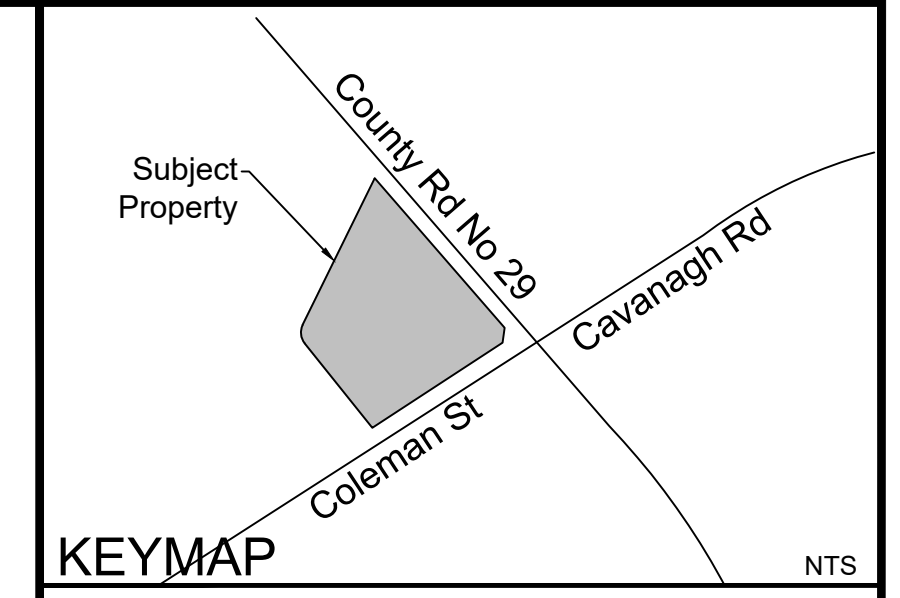
- TOPSOIL REQUIREMENTS
- Topsoil definitions shall conform to the Canadian System for Soil Classification for Sandy Loam. It shall be:
 1. Composed of 20 to 70 % sand; 2 to 10% organic matter, minimum 7% but not more than 27% clay
 2. Contain no toxic elements or growth inhibiting factors
 3. Have a finished surface free from:
 - a) stones over 50 mm dia.
 - b) coarse vegetative matter over 10 mm dia. and 100mm long and 2% by volume.
 - c. weeds and debris.
 4. Friable when moist.
 5. Have a pH of between 6.5 and 8.0
 - Planting soil mixture will consist of: 5 parts sandy loam topsoil, one part well rotted cattle manure, one part peat moss.
 - Minimum topsoil depth required for all shrub and perennial planting beds within parking lot islands and landscape strip around the parking shall be 500mm. deep.
 - Minimum topsoil depth required for all tree plantings shall be 700mm deep within a 42 sq.m. area per tree. (30 cu.m. of planting soil per tree).
 - Minimum topsoil depth required for all sodding area shall be 150mm deep within all new areas to be sodded.

TURF

- Sod shall be No. 1 cultivated turf grass sod grown and sold in accordance with the classifications of the Nursery Sod Growers Association of Ontario, latest edition.
- Composition of the sod shall be 60-70% Kentucky Bluegrass and 30-40% Creeping Red Fescue on minimum 150mm topsoil in place.
- Lay sod sections in rows, joints staggered. Butt sections closely without overlapping or leaving gaps between sections. Cut out irregular or thin sections with sharp implements.
- Provide close contact between sod and soil by light rolling. Use of heavy roller to correct irregularities in grade is not permitted.
- Water sodded areas in sufficient quantities and at frequency required to maintain optimum soil moisture condition to depth of (75 to 100) mm.
- The Contractor is responsible to ensure that all sodded areas are properly established and the sod is free of bare and dead spots.

WARRANTY PERIOD

- It is the responsibility of the Contractor to maintain plant materials in good conditions from the date of initial acceptance of the project by the Project Landscape Architect.
- All workmanship, and plant materials to be guaranteed for a period of two years following the date of initial acceptance of the project by the Project Landscape Architect.
- General maintenance requirements for trees, shrubs, and perennials shall include all measures necessary to establish and maintain plant materials in a vigorous, healthy, growing condition.
- The following activities are to be included:
 - Pruning of dead or damaged branches;
 - Watering as required during extreme period of drought;
 - Regular removal and disposal of weeds from all mulched planting beds throughout the warranty period.
- Prior to the end of the warranty period, it is the responsibility of the Contractor to remove and dispose of all stakes and guy wires to the trees, as well as to supply and place additional mulch to the planting beds where required in order to maintain the minimum depth of 100mm (4 ") of mulch.
- The Contractor is responsible to provide replacement plantings to achieve 100% survivability on all plant materials.
- Prior to the end of the warranty period, the Contractor shall supply and place additional mulch on all planting areas which have less than the minimum 100mm depth specified.



Notes: Scale shown is for an 36" x 24" page. For illustrative purposes. Do not scale

№	REVISIONS	DATE	BY:
6			
5			
4			
3	REVISED TO ADDRESS SPA COMMENTS	2023/06/20	SC
2	REVISED TO ADDRESS COMMENTS	2023/05/31	SC
1	ISSUED FOR SPA	2022/07/12	SC

SCALE

NORTH ARROW

ASSOCIATION OF LANDSCAPE ARCHITECTS ONTARIO

STEFAN CRISPIN

MEMBER

NOT FOR CONSTRUCTION UNLESS SIGNED & DATED

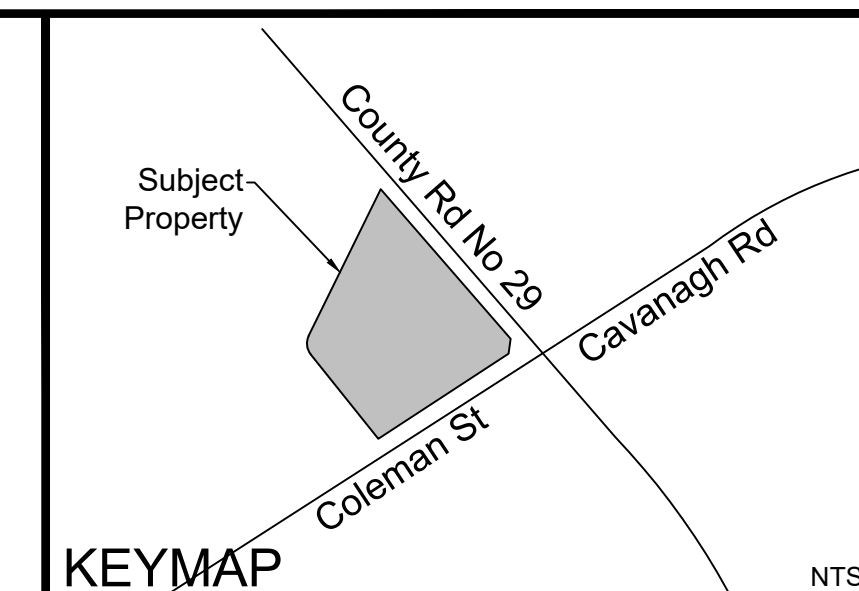
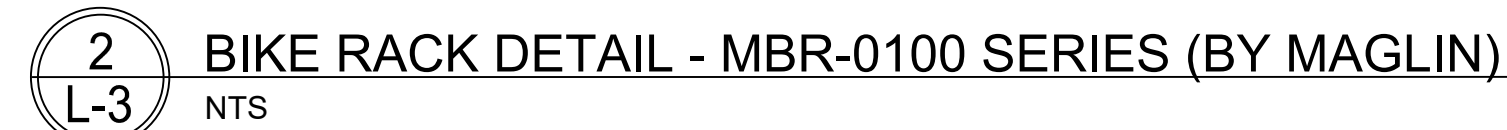
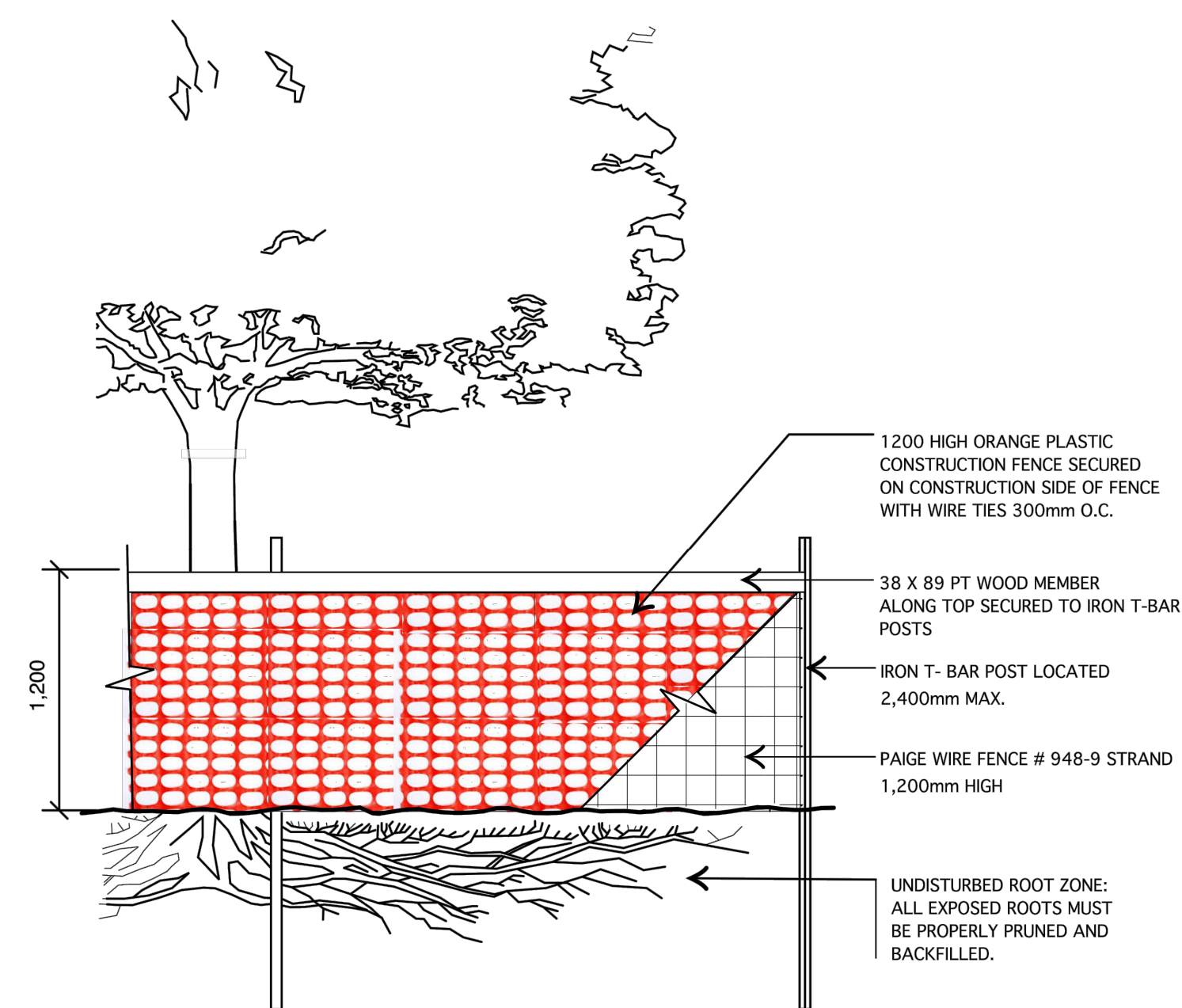
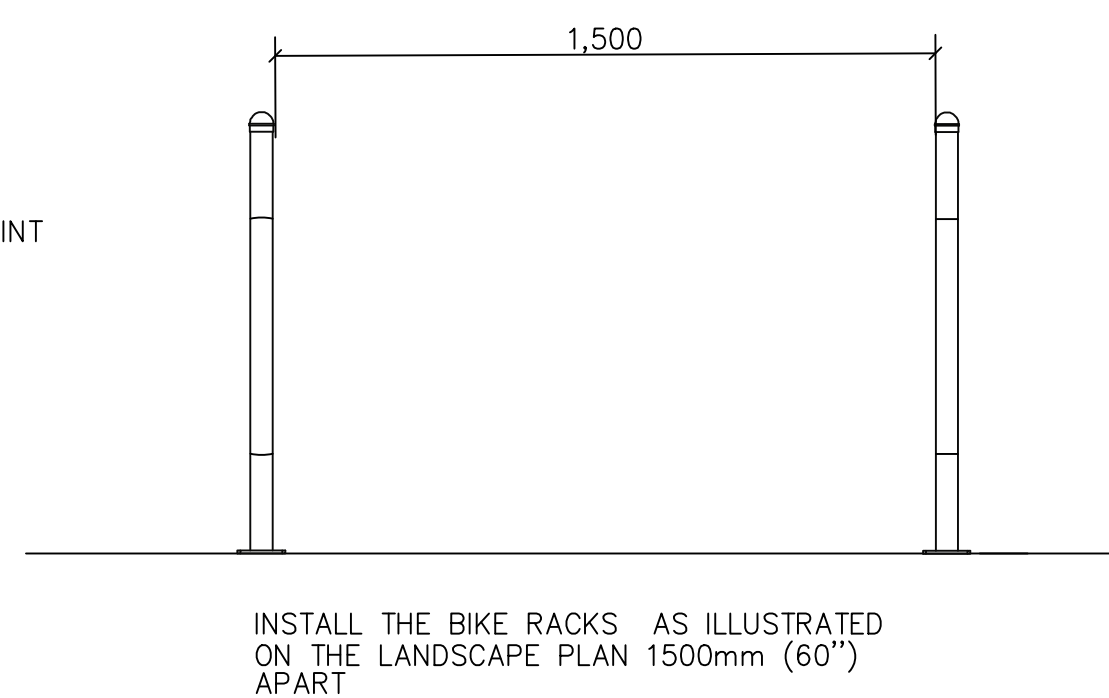
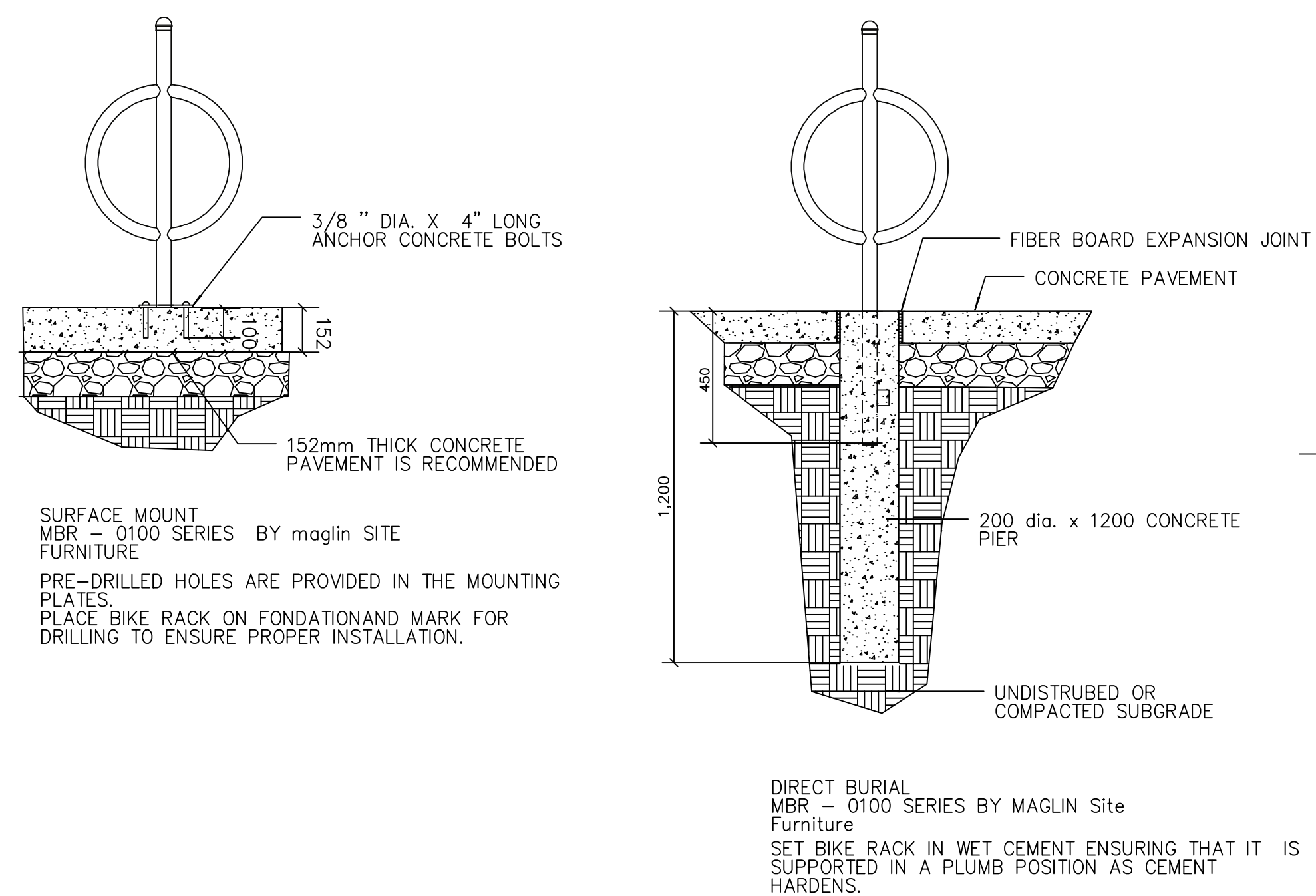


CLIENT	PROJECT	320 COLEMAN STREET, CARLETON PLACE
SHEET TITLE	DESIGN BY:	PROJECT №: 222187
	DRAWN BY:	FIGURE №: L-2
	CHECKED BY:	
DATE: 20 June 2023		

Technical drawing of a sign post assembly. The drawing includes the following components and dimensions:

- Sign Face:** A rectangular sign with a "No Parking" symbol (a circle with a diagonal line and a "P") and the text "BY PERMIT ONLY". Dimensions: 300 mm min. X 450 mm min.
- Post:** A vertical steel post with a diameter of 1-5/8" DIA. GALVANIZED SILVER.
- Base:** A 9" SQUARE 7- GAUGE POWDER COATED STEEL BASE PLATE WITH CARBON STEEL TORSION SPRING CONCRETE ANCHOR FOR SIGN ON CONCRETE PAVEMENT.
- Height:** The total height of the post is 1800mm.
- Pavement:** The sign is mounted on 150mm CONCRETE PAVEMENT.

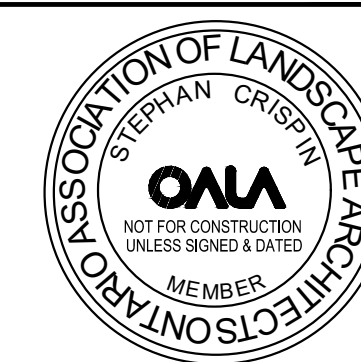
IF SIGN TO BE INSTALLED ON ASPHALT PAVEMENT, USE THE ASPHALT ANCHORING OPTION IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTION



Notes: Scale shown is for an 36" x 24" page.
For illustrative purposes. Do not scale

Nº	REVISIONS	DATE:	BY:
6			
5			
4			
3	REVISED TO ADDRESS SPA COMMENTS	2023/06/20	SC
2	REVISED TO ADDRESS COMMENTS	2023/05/31	SC
1	ISSUED FOR SPA	2022/07/12	SC

NORTH ARROW



CLIENT

PROJEC

SHEET TITLE

PARKING SIGN, FENCE AND BICYCLE RACK DETAILS

DESIGN BY: 80

DRAWN BY: AD

CHECKED BY: SC

PROJECT N°:	222187
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FIGURE Nº:

L-3