

LEGEND

- PROPERTY LINE
- PROPOSED CHAINLINK FENCE
- PROPOSED C.I.P. CONCRETE
- PROPOSED ASPHALT
- PROPOSED SOD
- PROPOSED STONEDUST PATH
- PREPOSED EWF
- PROPOSED REFORESTATION AREA

EXISTING TREES TO BE PRESERVED (#0)
EXISTING TREES TO BE TRANSPLANTED (#1D)
TRANSPLANTED TREE
PROPOSED PLANTING
TREE PROTECTION FENCE (TPF)

Plant List					
Origin	ID	Qty	Botanical Name	Common Name	Scheduled Si
28 LARGE DECIDUOUS TREES					
Niv	As	5	Acer saccharum	Sugar Maple	70mm caliper
Niv	Co	5	Celtis occidentalis	Common Hackberry	60mm caliper
Niv	Cov	2	Carya ovata	Shagbark Hickory	60mm caliper
Non Niv	GbAG	3	Ginkgo biloba 'Autumn Gold'	Autumn Gold Maidenhair Tree	70mm caliper
Niv	Qm	5	Quercus macrocarpa	Burr Oak	70mm caliper
Niv	Qr	4	Quercus rubra	Northern Red Oak	70mm caliper
12 LARGE COLUMNAR DECIDUOUS TREES					
Niv	ArAS	2	Acer rubrum 'Autumn Spire'	Autumn Spire Red Maple	60mm caliper
Niv	CoPS	3	Celtis occidentalis 'Prairie Sentinel'	Prairie Sentinel Hackberry	70mm caliper
Niv	GdS	7	Gleditsia triacanthos inermis 'Draves'	Streetkeeper Honeylocust	70mm caliper
29 MEDIUM DECIDUOUS TREES					
Niv	Ag	5	Asclepias glabra	Ohio Buckeye	50mm caliper
Niv	Bp	2	Betula papyrifera	Paper Birch, Canoe Birch	60mm caliper
Non Niv	MD	3	Malus 'Doig'	Malus Doig	60mm caliper
Niv	Ov	6	Ostrya virginiana	Ironwood	50mm caliper
Niv	Sd	4	Sorbus Americana	Mountain Ash	45mm caliper
Niv	Ta	3	Tilia americana	Basswood	70mm cal.
Non Niv	UF	6	Ulmus minor x parvifolia 'Frontier'	Frontier Elm	70mm caliper
5 SMALL DECIDUOUS TREES					
Niv	CcgC	5	Crataegus crus-galli inermis 'Cruzam'	Thornless Crusader Cockspur Hawthorn	45mm caliper
18 CONIFEROUS TREES					
Niv	Ab	4	Abies balsamea	Balsam Fir	200 cm ht
Niv	Pg	7	Picea glauca	White Spruce	200 cm ht
Niv	Pr	2	Pinus resinosa	Red Pine	200cm ht
Niv	Ps	5	Pinus strobus	Eastern White Pine	200 cm ht.

TREES UNDER CITY OWNERSHIP = 17, UNDER PRIVATE OWNERSHIP = 75

Shrubs			
ToH	60	Thuja occidentalis 'Holmstrup'	Holmstrup Cedar
Perennials			
Hs	30	Helictotroch sempervirens	Ornamental Oats
CaKF	120	Calamagrostis x acutiflora 'Karl Foerster'	Feather Reed Grass

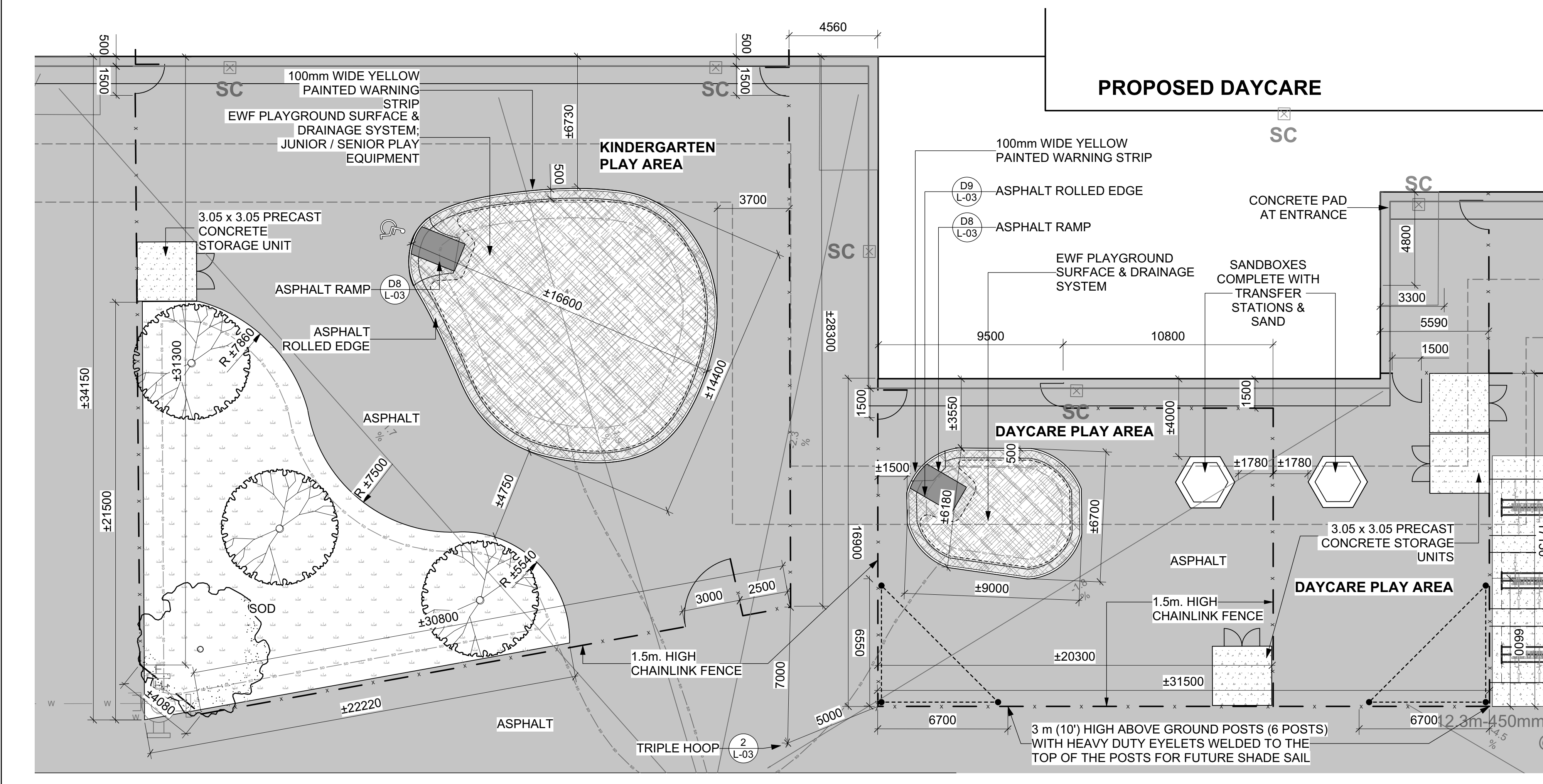
NOTE:
SITE SERVICING ELEMENTS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY. SEE CIVIL DRAWINGS FOR SITE SERVICING / GRADING.

PLAN TO BE READ IN CONJUNCTION WITH 'TREE CONSERVATION REPORT FOR 700 SPRING VALLEY, OTTAWA ON' APRIL 08, 2025 BY Andrew K. Boyd, Certified Arborist #ON-0496A, IFS Associates.

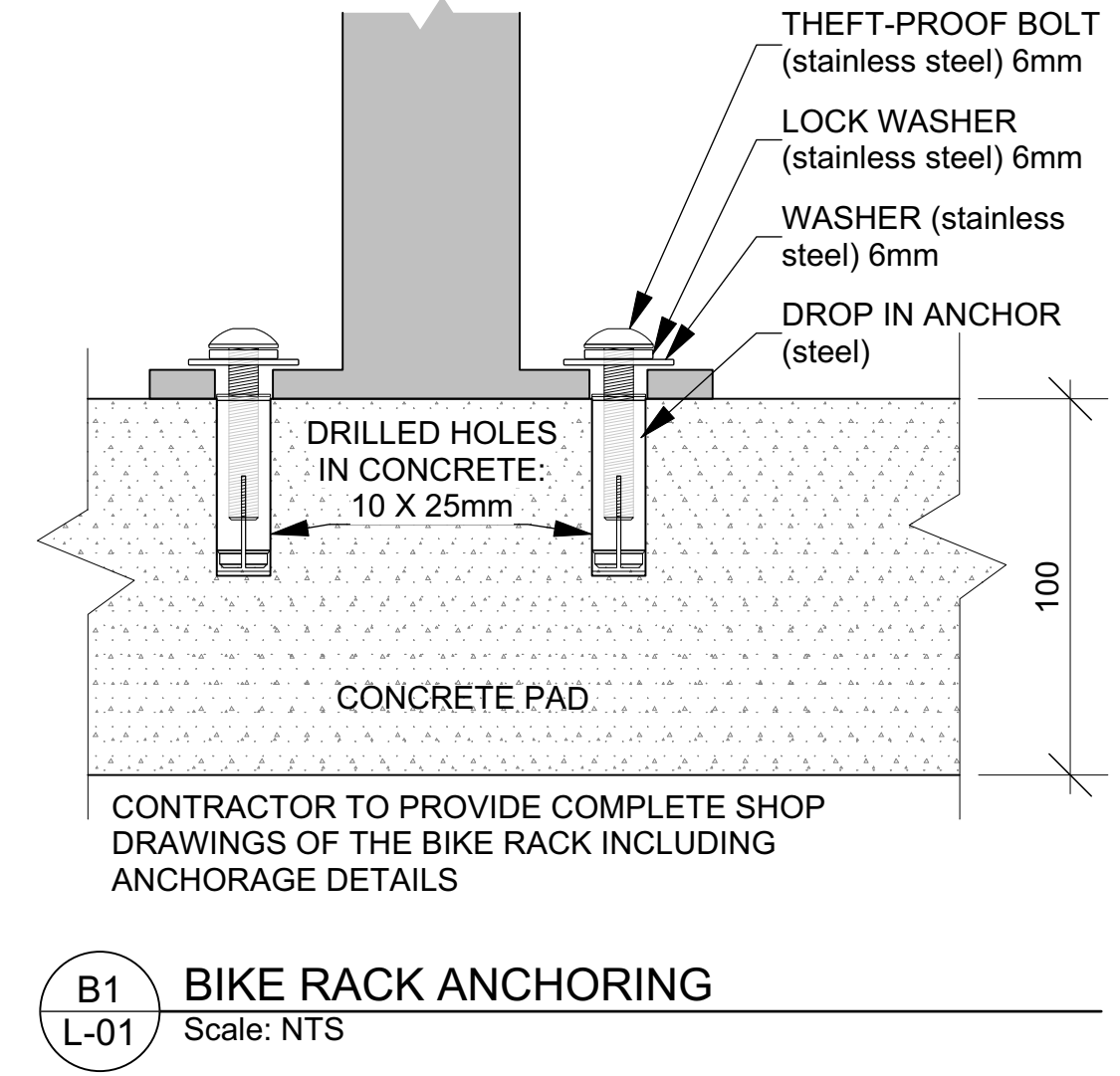
TRANSPLANTING & REFORESTATION NOTES
TRANSPLANTING OF TREES TO BE COMPLETED AT THE PROJECT STARTUP, IDEALLY IN FALL.

BASE CONTRACT: ASSUME ALL THE TREES CAN BE TRANSPLANTED. IF NOT THEN A MEDIUM TO LARGE NATIVE DECIDUOUS TREE (70CM CALIPER) FROM THE PLANT LIST SHOULD BE PLANTED INSTEAD.

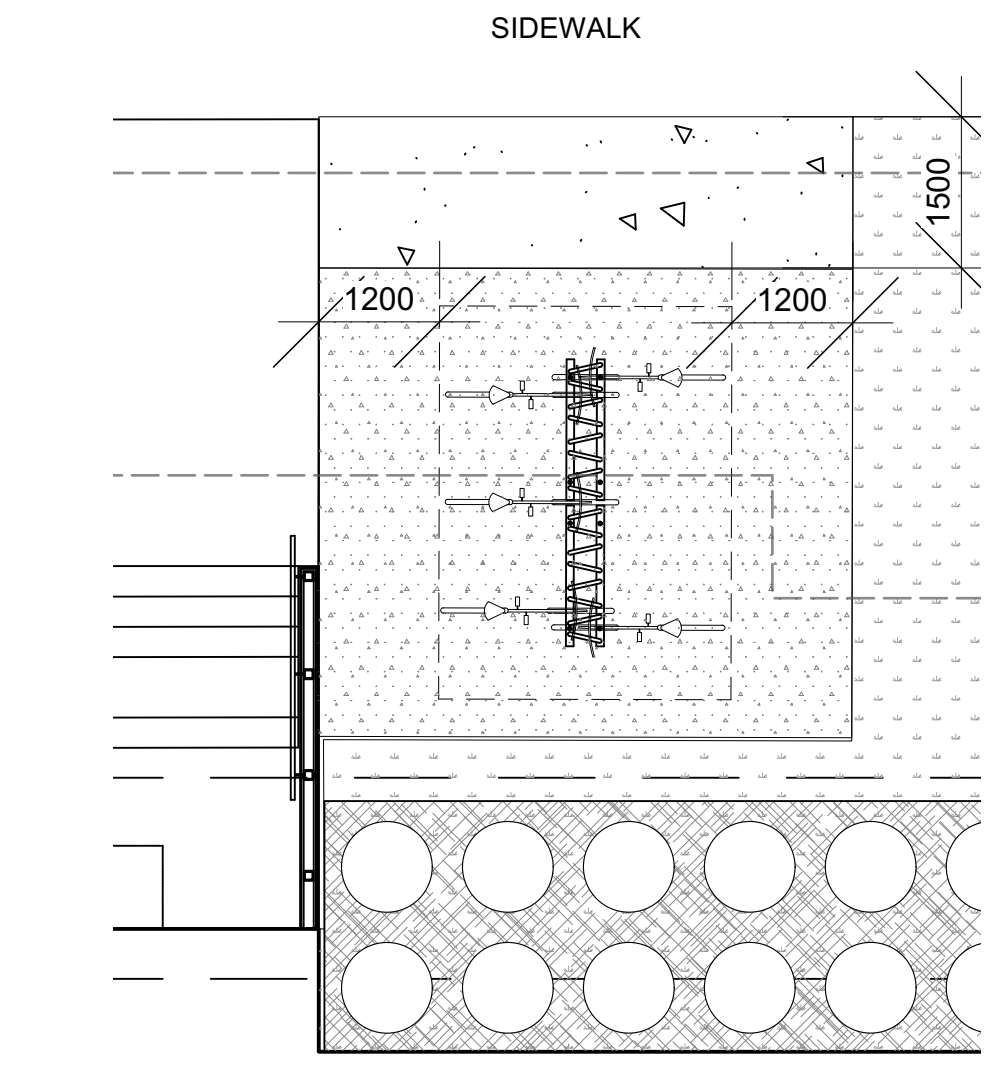
1 LANDSCAPE PLAN
Scale: 1:400



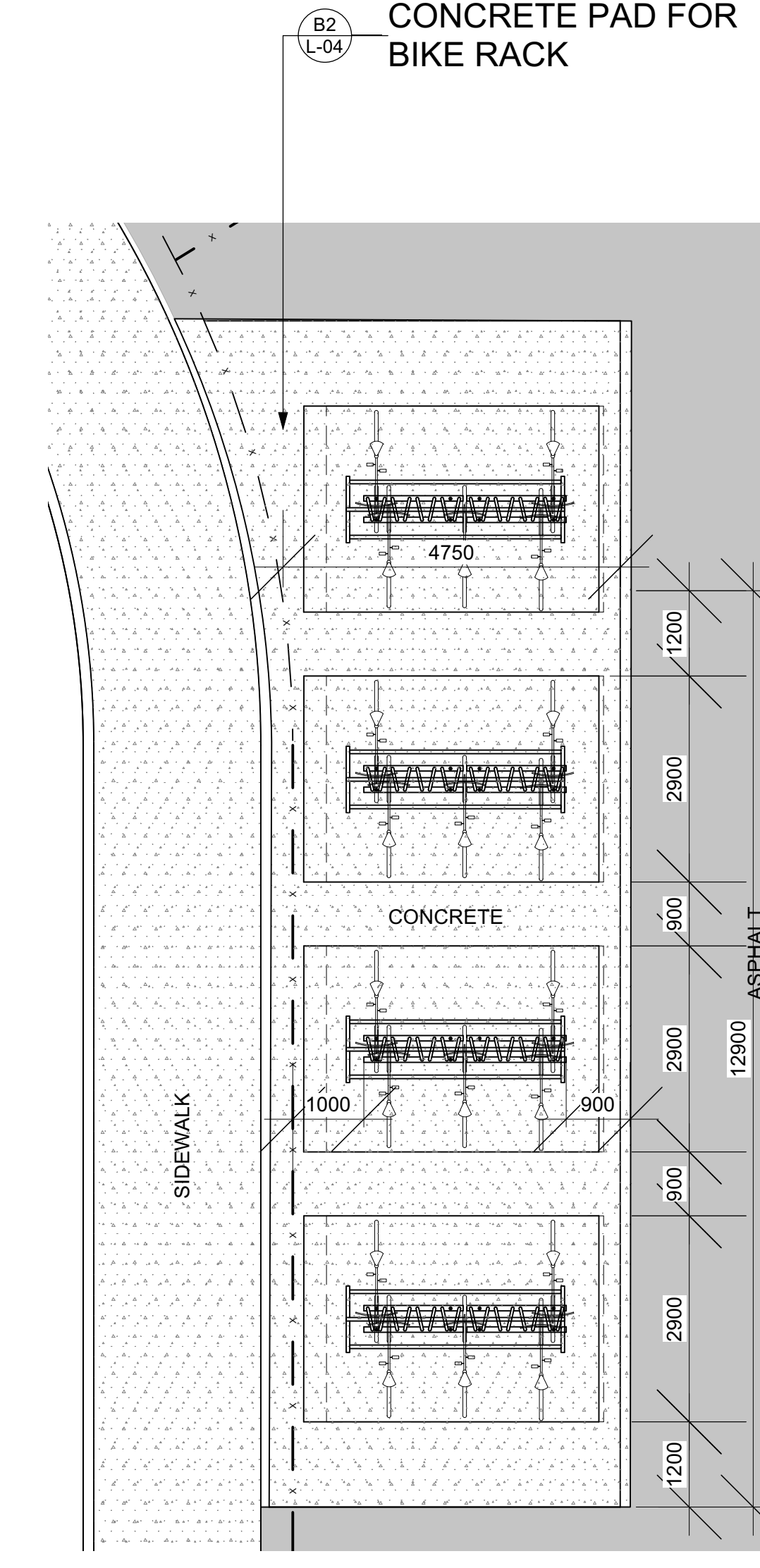
2 ENLARGEMENT - KINDERGARTEN & DAYCARE PLAY AREA
Scale: 1:150



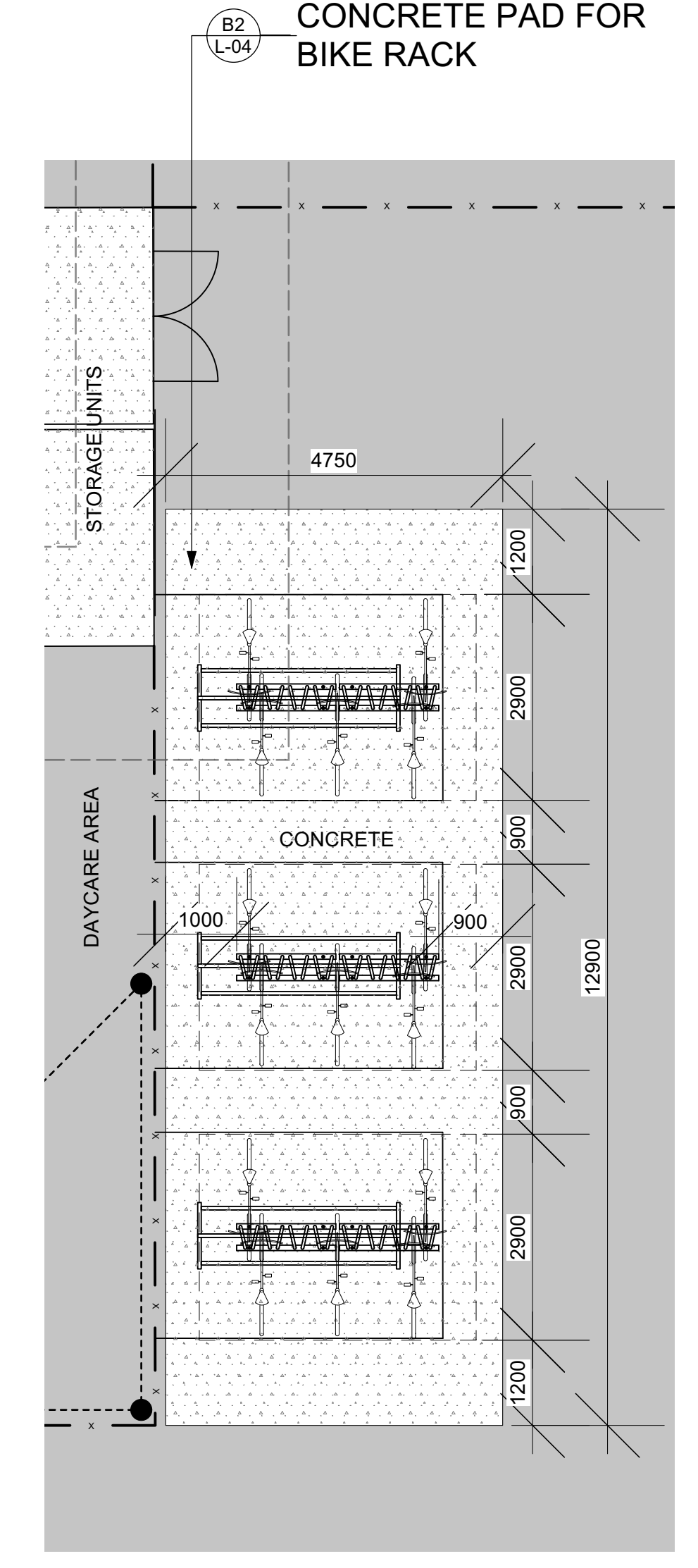
B1 BIKE RACK ANCHORING
Scale: NTS



EN-1 ENLARGEMENT - BIKE RACK 1
Scale: NTS
4 BIKE RACKS - EQUIPARC EP5911-7; 30 BIKES



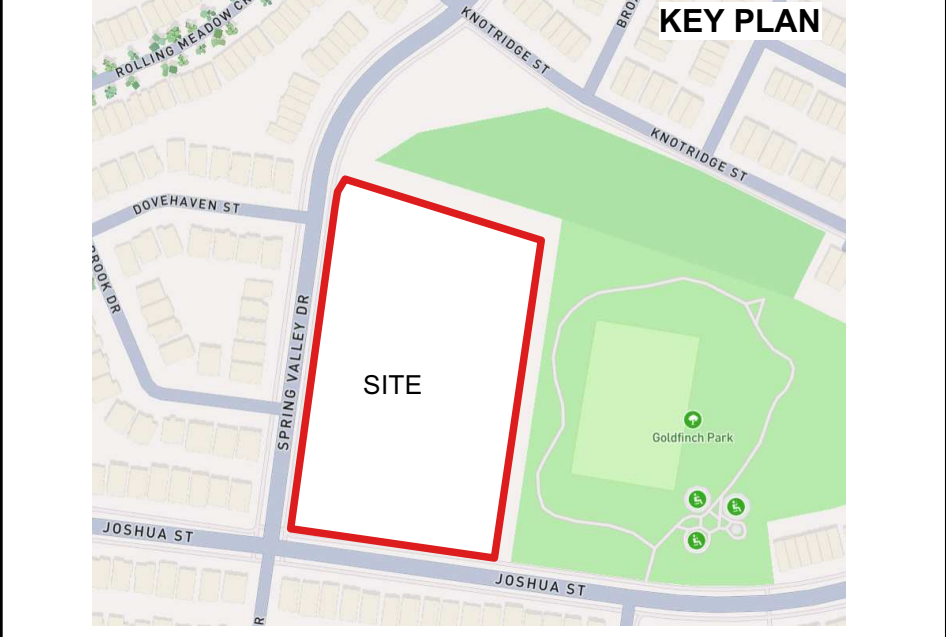
EN-2 ENLARGEMENT - BIKE RACK 2
Scale: NTS
6 BIKE RACKS - EQUIPARC EP5911-7; 45 BIKES



EN-3 ENLARGEMENT - BIKE RACK 3
Scale: NTS
6 BIKE RACKS - EQUIPARC EP5911-7; 45 BIKES



- 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.
 - The location of the utilities is approximate only, and the exact location should be determined by consulting the municipal authorities and utility companies concerned. The Contractor shall prove the location of utilities and shall be responsible for adequate protection from damage.
 - All dimensions shown are to be verified on site prior to any construction. No deviations are to be made from the layouts as shown on this plan without prior consultation with the Landscape Architect and Owner.
 - Obtain approval of Landscape Architect for granular base and layout of all pavement areas prior to construction.
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 - Where clay is encountered proper drainage must be ensured in tree/shrub pits, prior to planting. Have method approved by Landscape Architect.
 - All sodded areas to receive a minimum of 150mm of topsoil over graded sub-base. If sod with mesh is used, mesh to be removed completely during sodding operations. 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.
 - Final subgrade is to be approved by the Landscape Architect prior to sod being laid.
 - Maintain positive surface runoff through the entire construction period.
 - Reinstate all areas and items damaged as a result of construction activities.

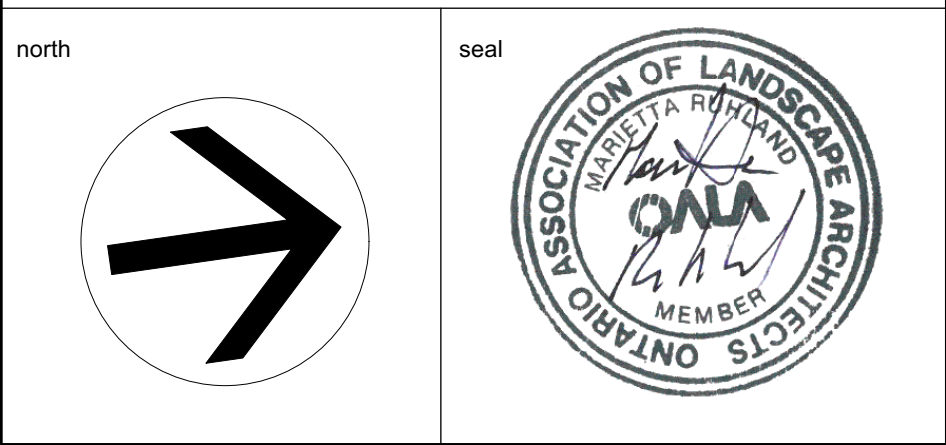


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N45 ARCHITECTURE INC.
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East Urban Centre Elementary School
700 Spring Valley Dr.
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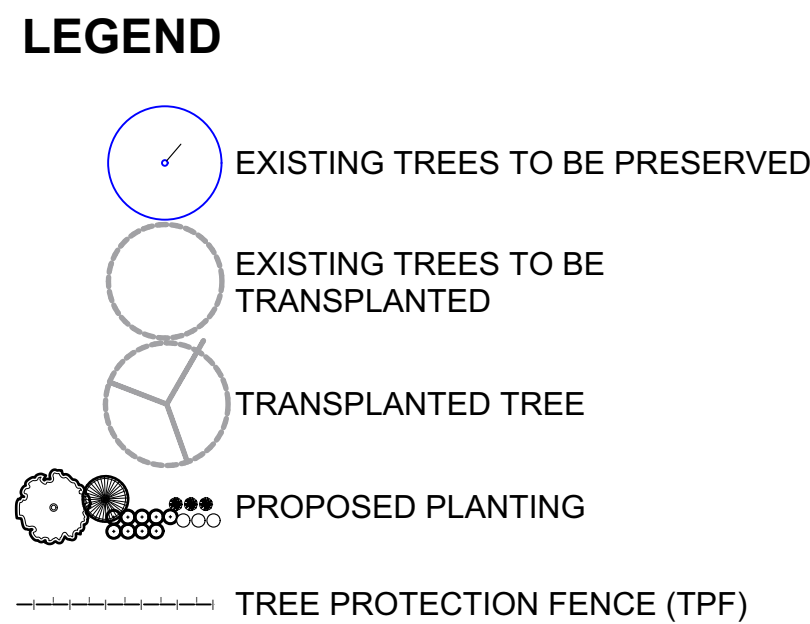
LANDSCAPE PLAN

scale	As Shown	drawn by	D.A.
date	2025-02-25	checked by	M.R.
project number	N45 24-828	drawing number	
RA	24-1743		

L-01

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

DO NOT SCALE DRAWINGS

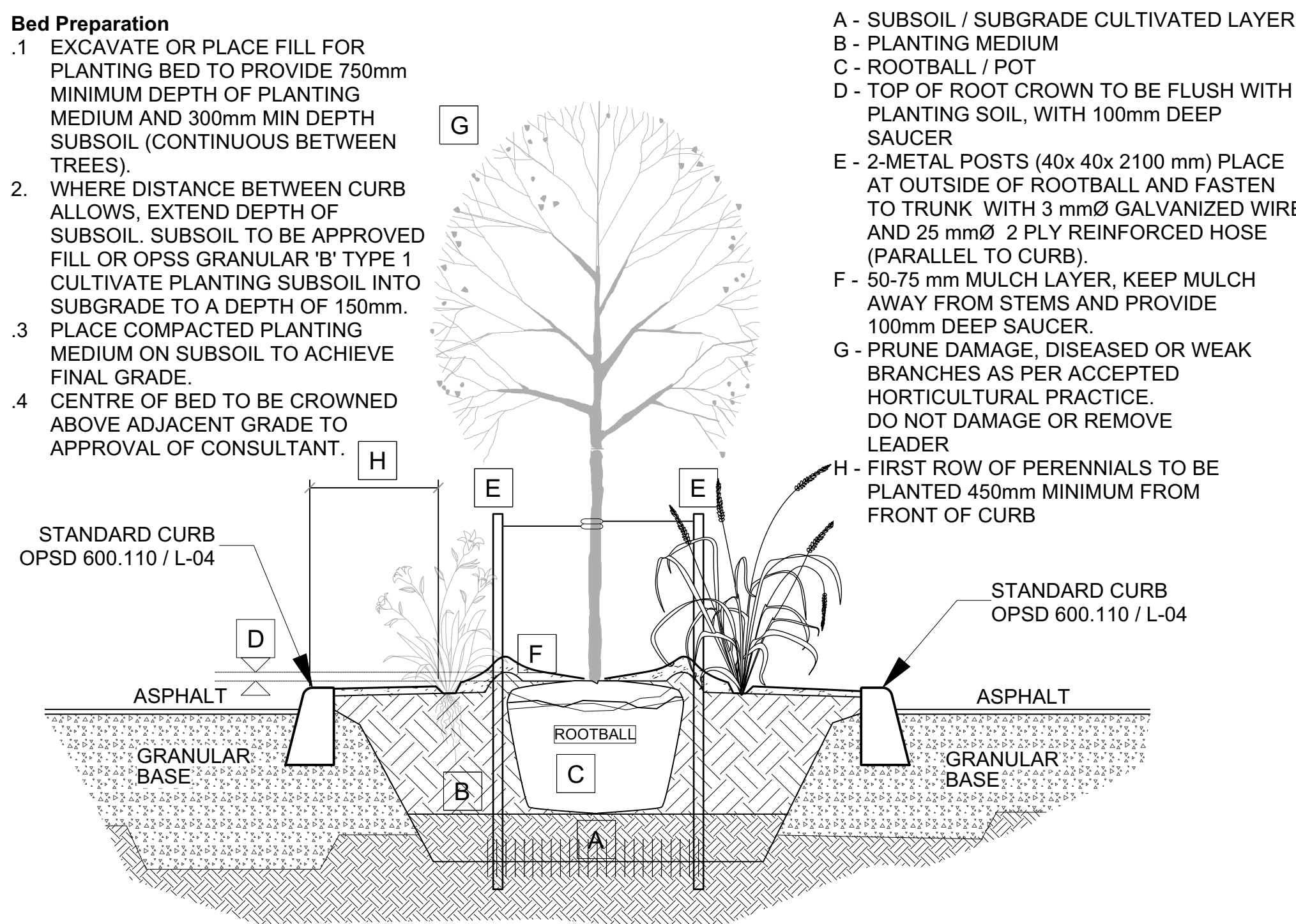


TREE CANOPY COVERAGE		
TOTAL CANOPY AREA	7112	m2
TOTAL SITE AREA	28345	m2
PERCENT COVERAGE	25.09%	

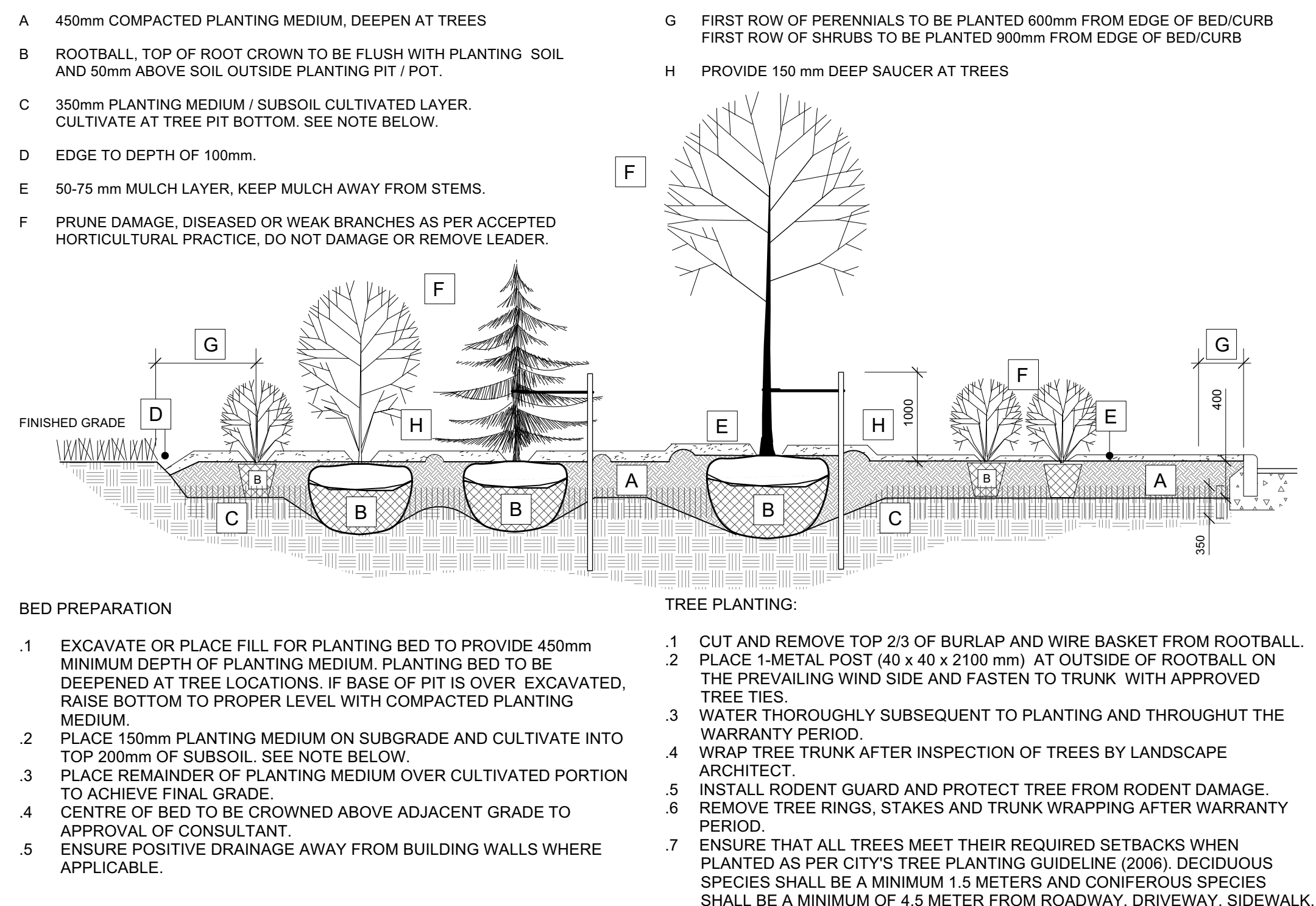
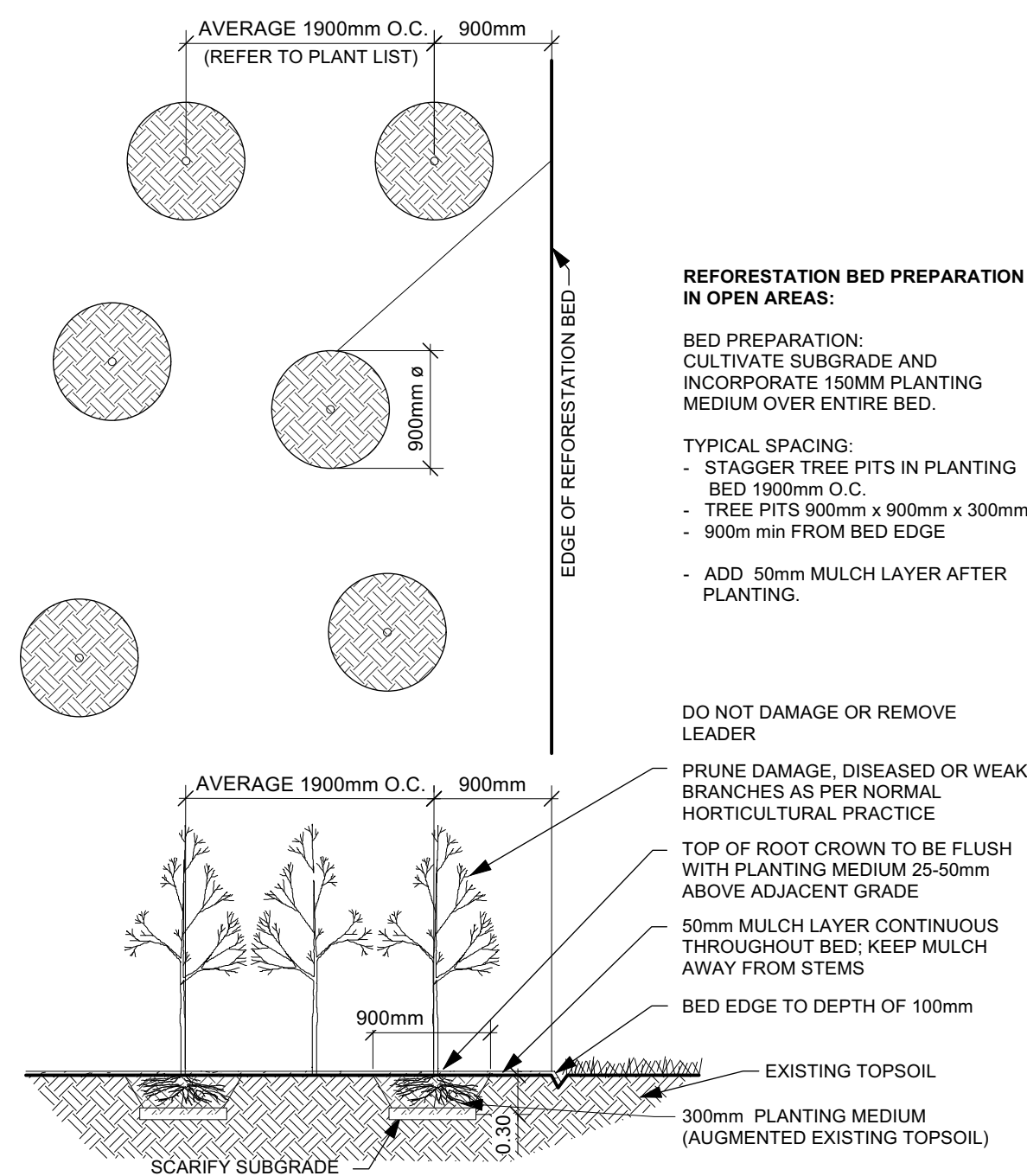
Soil Volume Area, Tree Quantity and Size	Tree Quantity	OTTAWA Target Soil Volume (m ³)	Design Soil Volume	Soil Adequacy percentage	%Soil to be supplied by contractor
AREA A - 1 Medium, 1 Small, 3 L - Columnar Trees					SEE NOTE
plant bed (351 sq m x 0.4 ave metre deep)	5	87.0	140.4	161%	2
AREA B - 1 Large, 6 Medium, 2 Ex. Trees					SEE NOTE
plant bed (314 sq m x 0.4 ave metre deep)	8	144.0	125.6	87%	2
AREA C - 4 Large Trees					SEE NOTE
plant bed (242 sq m x 0.4 ave metre deep)	4	72.0	96.8	134%	1
AREA D - 3 Small, 2 Medium Trees					SEE NOTE
plant bed (319 sq m x 0.4 ave metre deep)	4	66.0	127.6	193%	2
AREA E - 1 Medium Tree					SEE NOTE
plant bed (61 sq m x 0.7 ave metre deep)	2	36.0	42.7	119%	2
AREA E1 - 2 Medium Trees					SEE NOTE
plant bed (103 sq m x 0.4 ave metre deep)	2	36.0	41.2	114%	2
AREA F - 6 Large, 3 Ex. Trees					SEE NOTE
plant bed (425 sq m x 0.4 ave metre deep)	6	108.0	170.0	157%	2
AREA G - 1 Large Tree					SEE NOTE
plant bed (29.5 sq m x 1.2ave metre deep)	1	30.0	35.4	118%	1
AREA G1 - 1 Small Tree					SEE NOTE
plant bed (19 sq m x 1.1ave metre deep)	1	25.0	20.9	84%	1
AREA H - 3 Medium Trees, 3 Conifers					SEE NOTE
plant bed (330 sq m x 0.4ave metre deep)	6	108.0	132.0	122%	3
AREA I - 3 Large, 8 Medium Trees					SEE NOTE
plant bed (1056 sq m x 0.4ave metre deep)	11	198.0	422.4	213%	4
AREA J - 1 Large, 2 Medium Trees					SEE NOTE
plant bed (353 sq m x 0.4ave metre deep)	3	54.0	141.2	261%	4
AREA K - 8 Large, 13 Medium Trees, 13 Con.					SEE NOTE
plant bed (2316 sq m x 0.4ave metre deep)	28	504.0	926.4	184%	4

3 REFORESTATION PLANTING & DETAIL
L-02 Scale: NTS

BASE CONTRACT TO ASSUME SUBSOIL IS CONDUCTIVE TO PLANT GROWTH

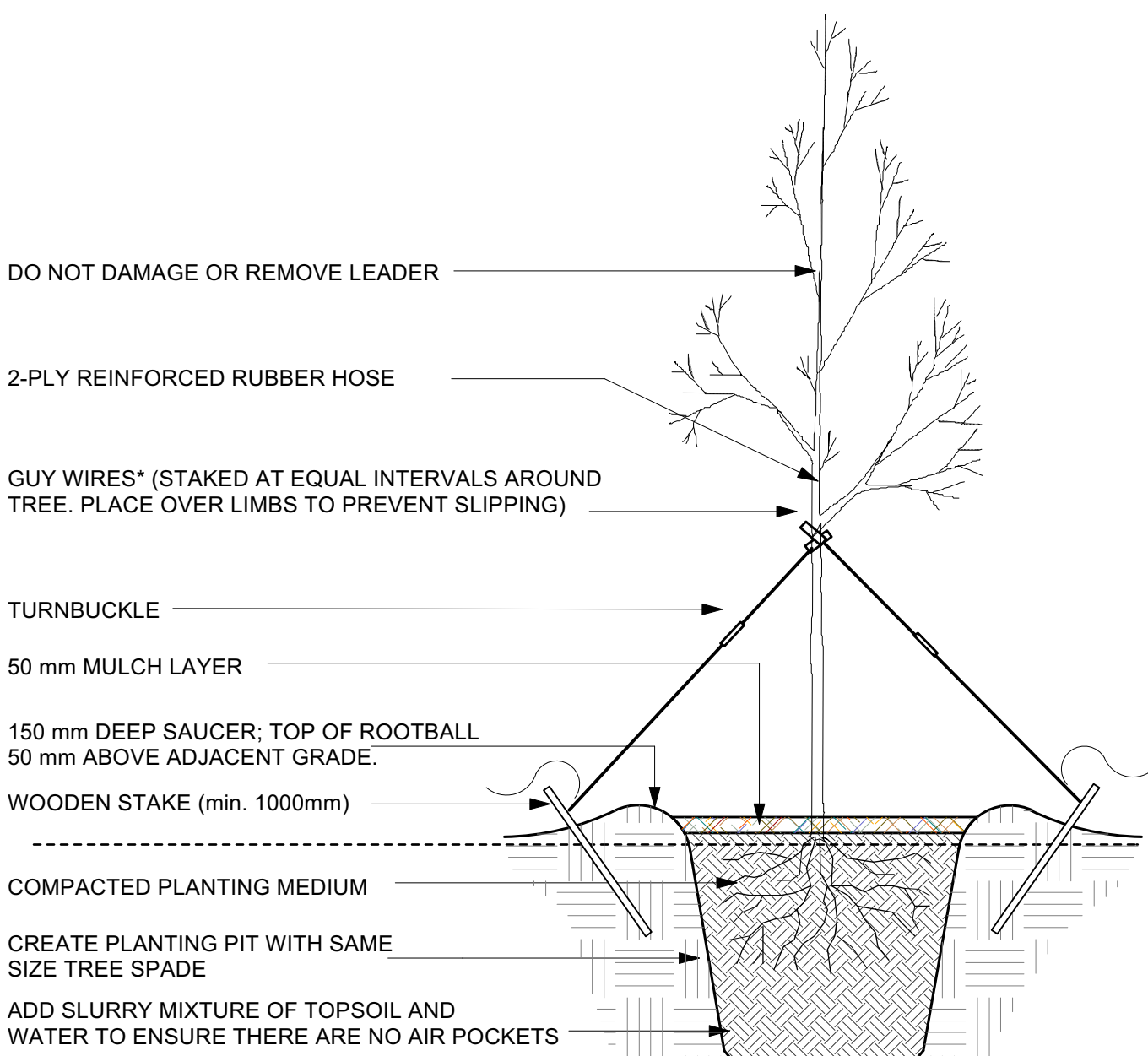
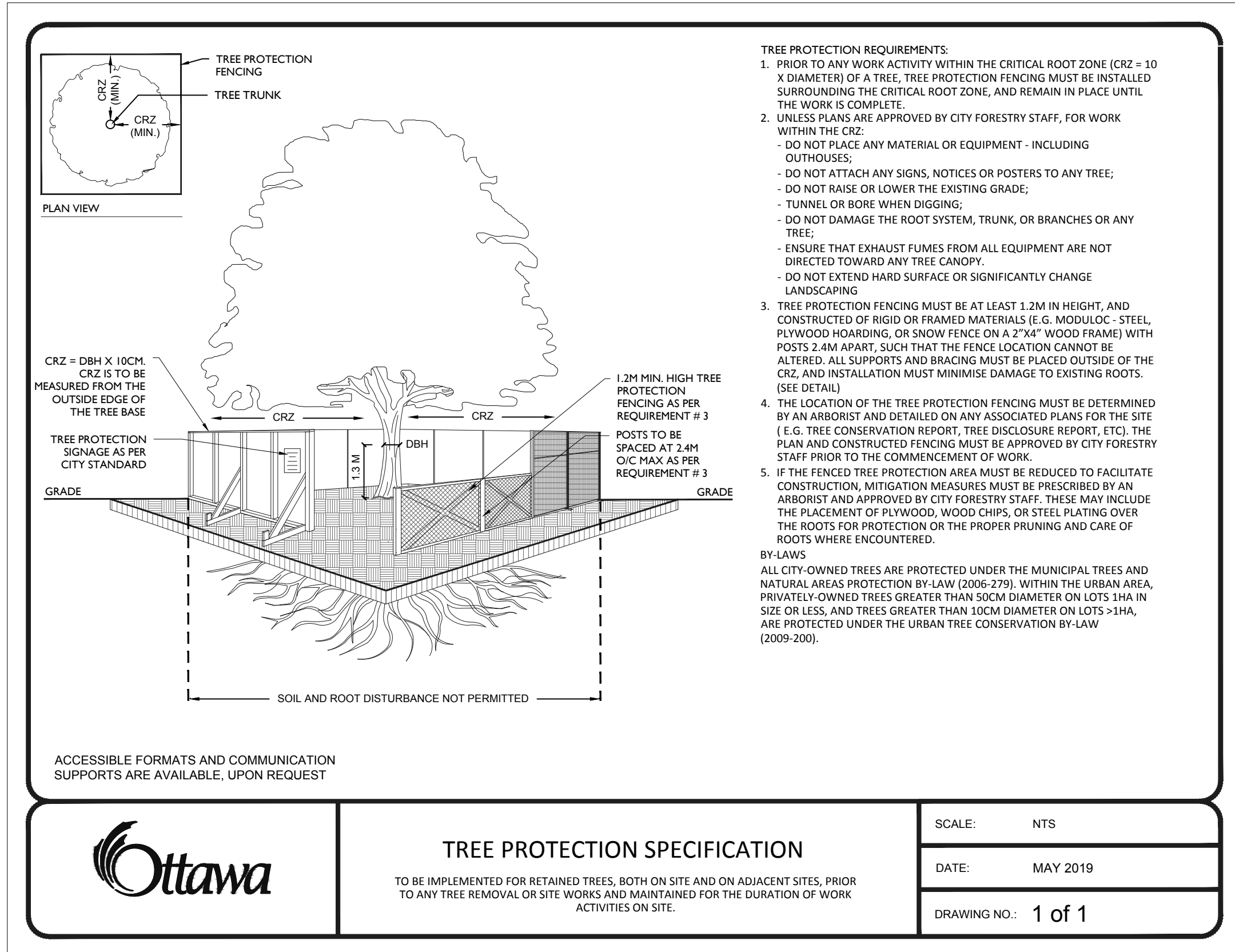


2 TREE & PERENNIAL PLANTING IN CURBED PLANTER
L-02 Scale: NTS



6 PLANTING DETAIL
L-02 Scale: NTS

- PLANTING BED AREAS EXCAVATED TO 500mm BELOW FINAL GRADE FOR ROUGH GRADE
- REFER TO PLANT LIST FOR PLANT SPACING.

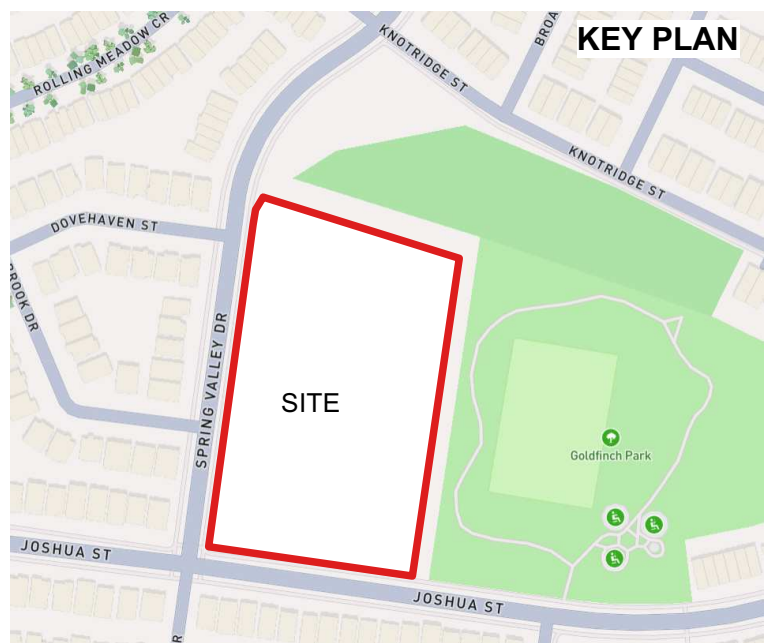


- NOTES:
1. FERTILIZE TREES AFTER PLANTING.
 2. WATER THOROUGHLY SUBSEQUENT TO PLANTING.
 3. WRAP TREE TRUNK FOR PROTECTION FROM CLIMATIC CONDITIONS.
 4. PROTECT TREE FROM RODENT DAMAGE.
 5. REMOVE TREE RING AND STAKE(S) AFTER ONE YEAR.
- * FOR TREES UP TO 150mm: PROVIDE 3 GUY WIRES OF 3mm.
 FOR TREES OVER 150mm PROVIDE 3 GUY WIRES CONSISTING EACH OF 3 WIRES OF 4mm TWISTED TOGETHER.

4 TREE TRANSPLANTING DETAIL
L-02 Scale: NTS



10 Reinstall all areas and items damaged as a result of construction activities.



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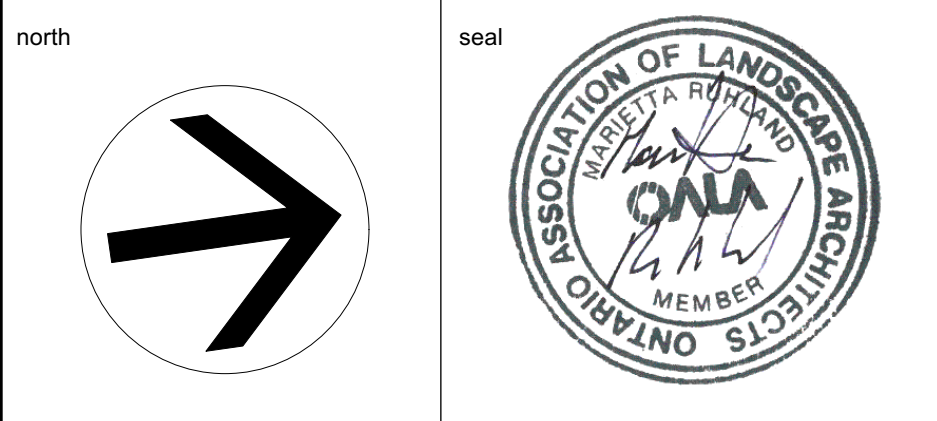
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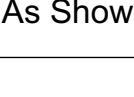
Ph 613-224-4744 Fx 613-224-1131 info@rala.ca www.rala.ca

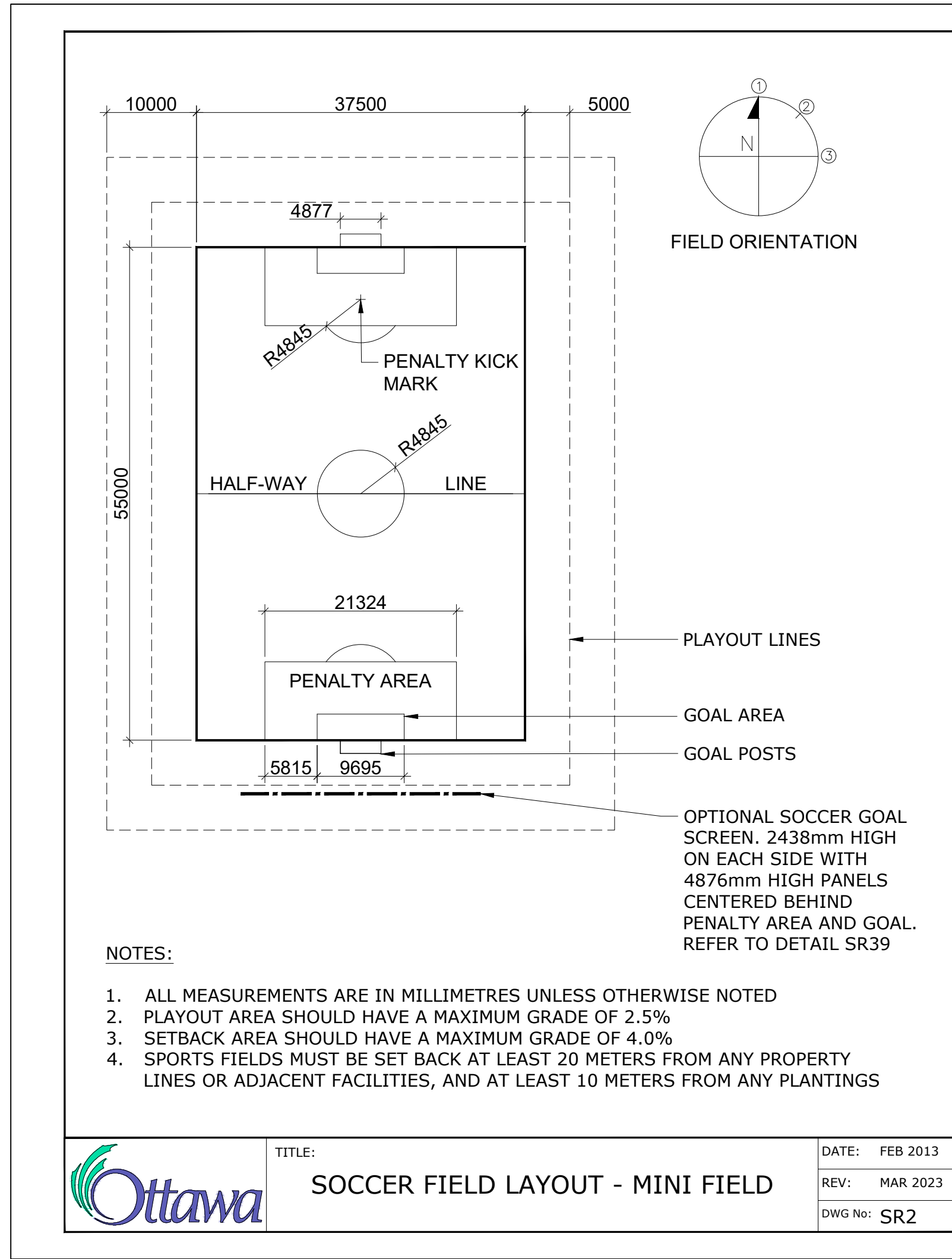
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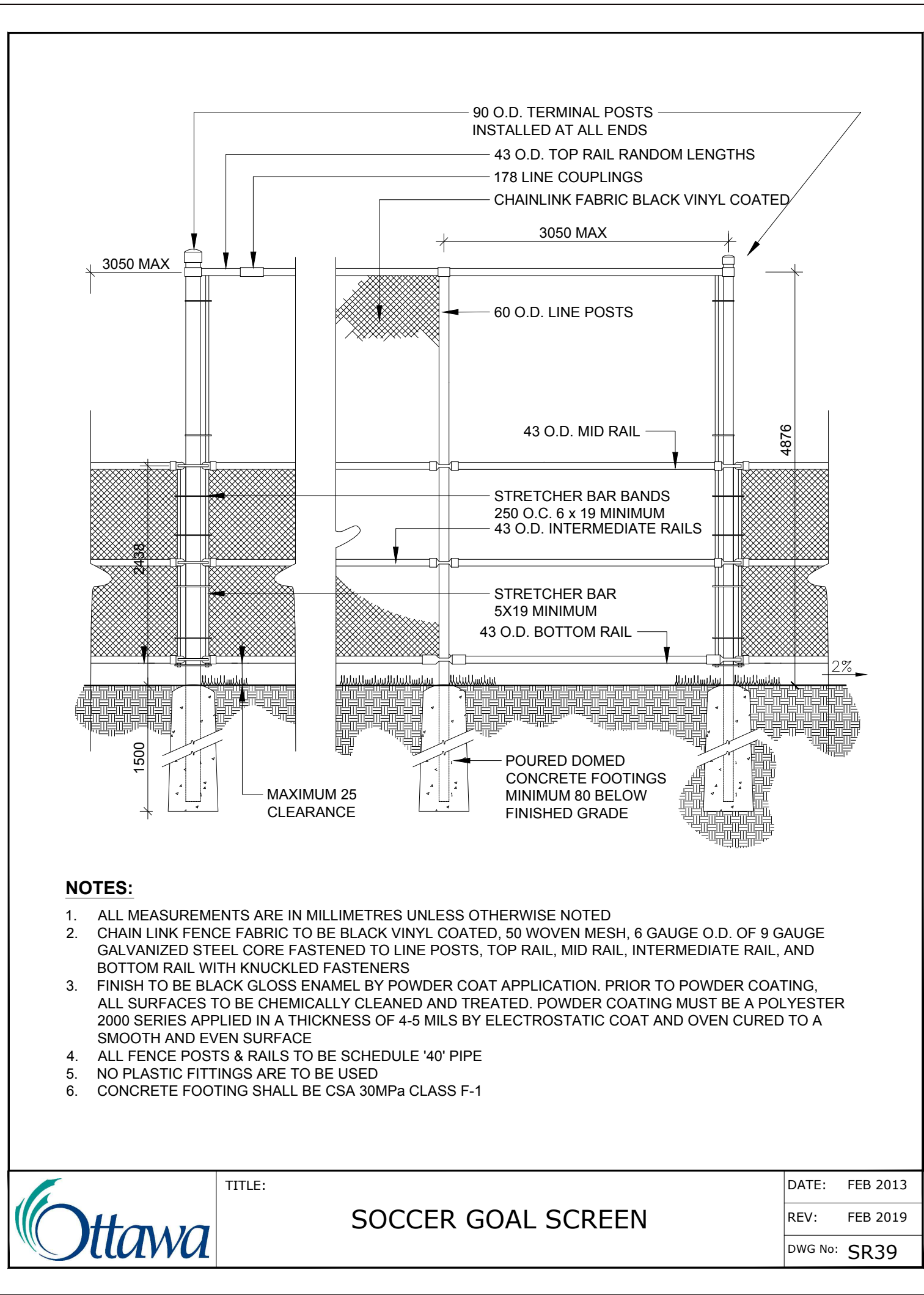


LANDSCAPE SOIL VOLUMES / DETAILS

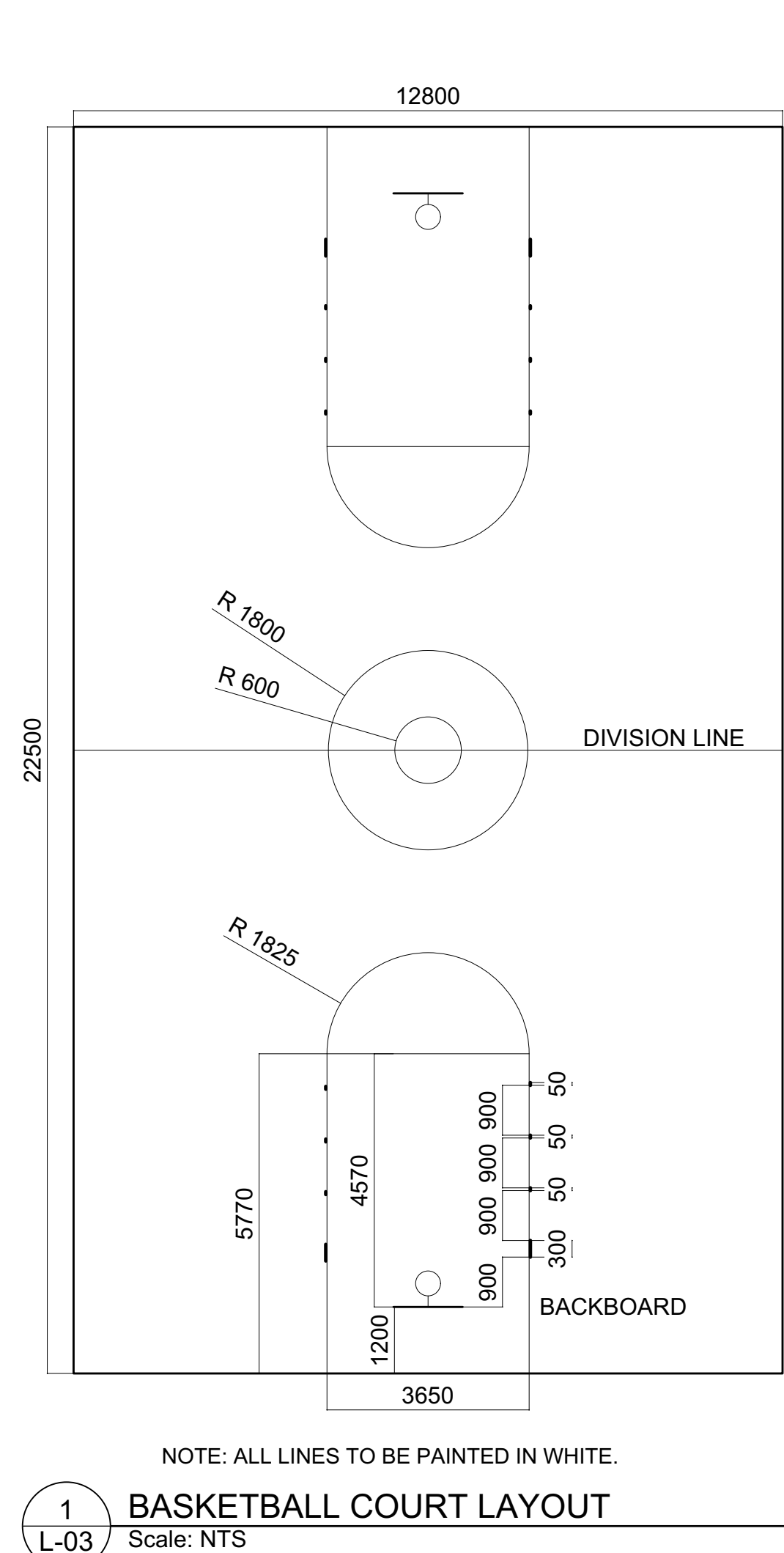
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date 2025-02-25	checked by M.R.	
project number N45 24-828	drawing number L-02	
RA 24-1743		
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DO NOT SCALE DRAWINGS		



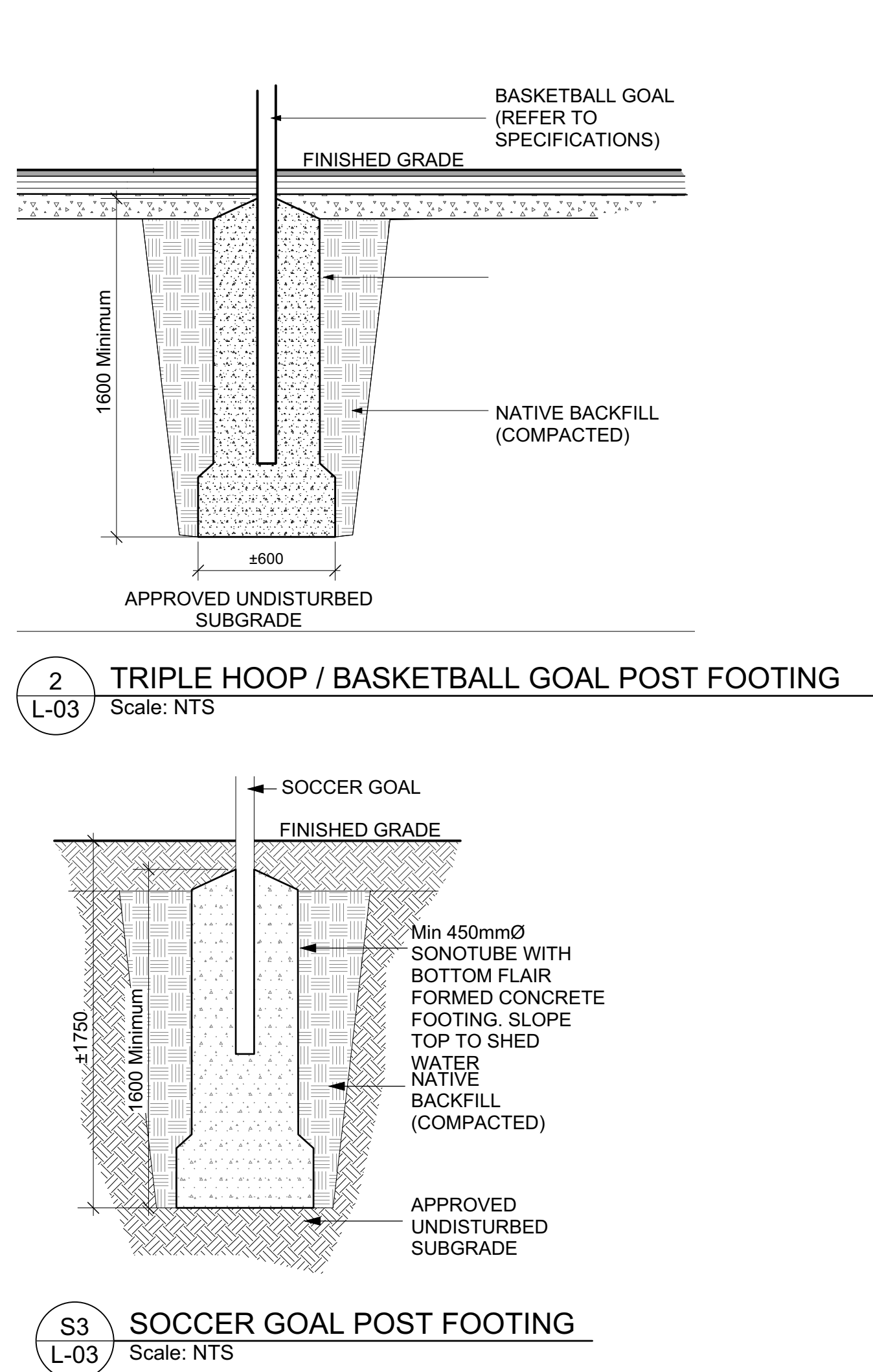
S1 L-03 SOCCER FIELD LAYOUT
Scale: NTS



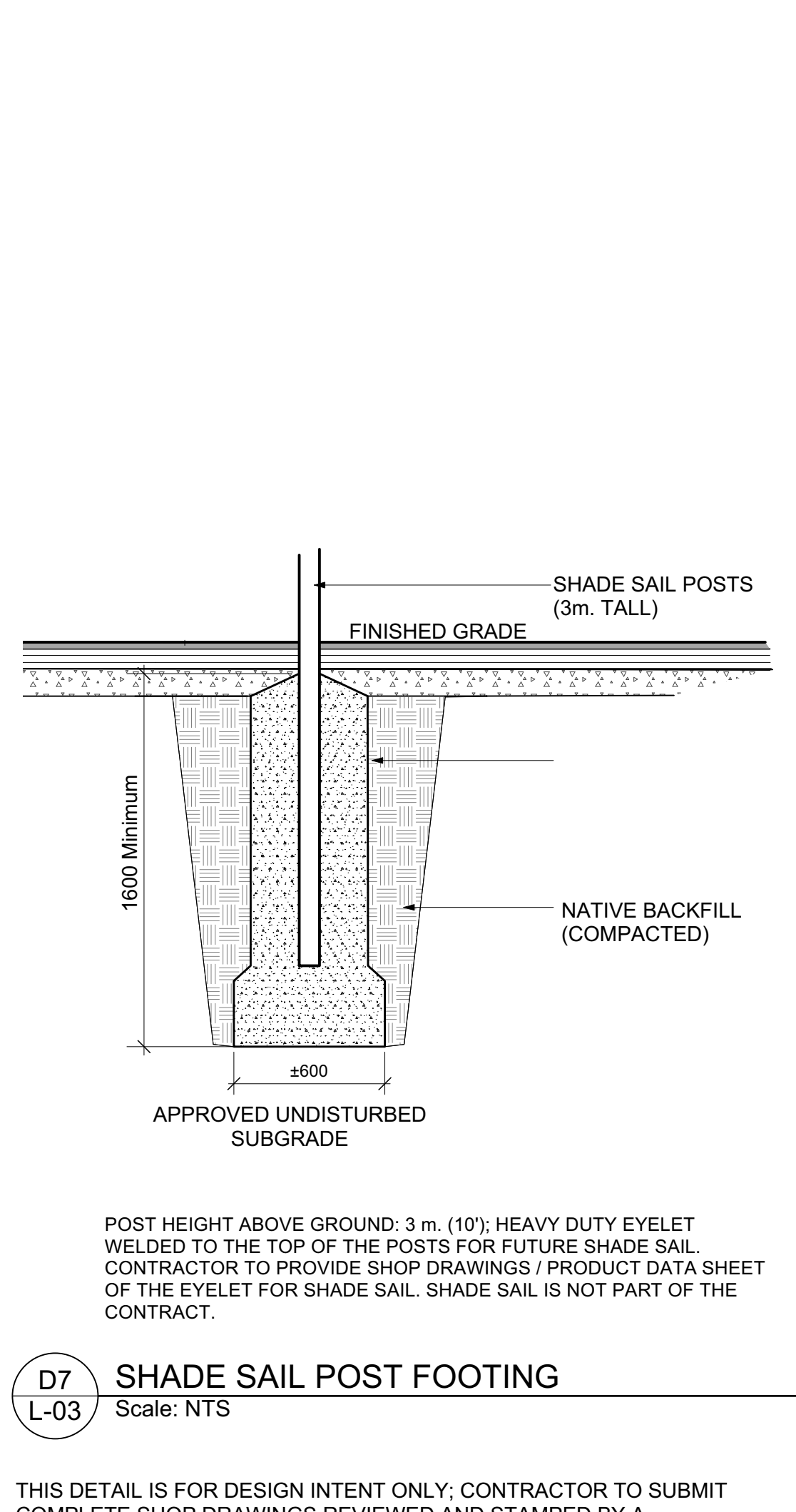
S2 L-03 SOCCER GOAL SCREEN
Scale: NTS



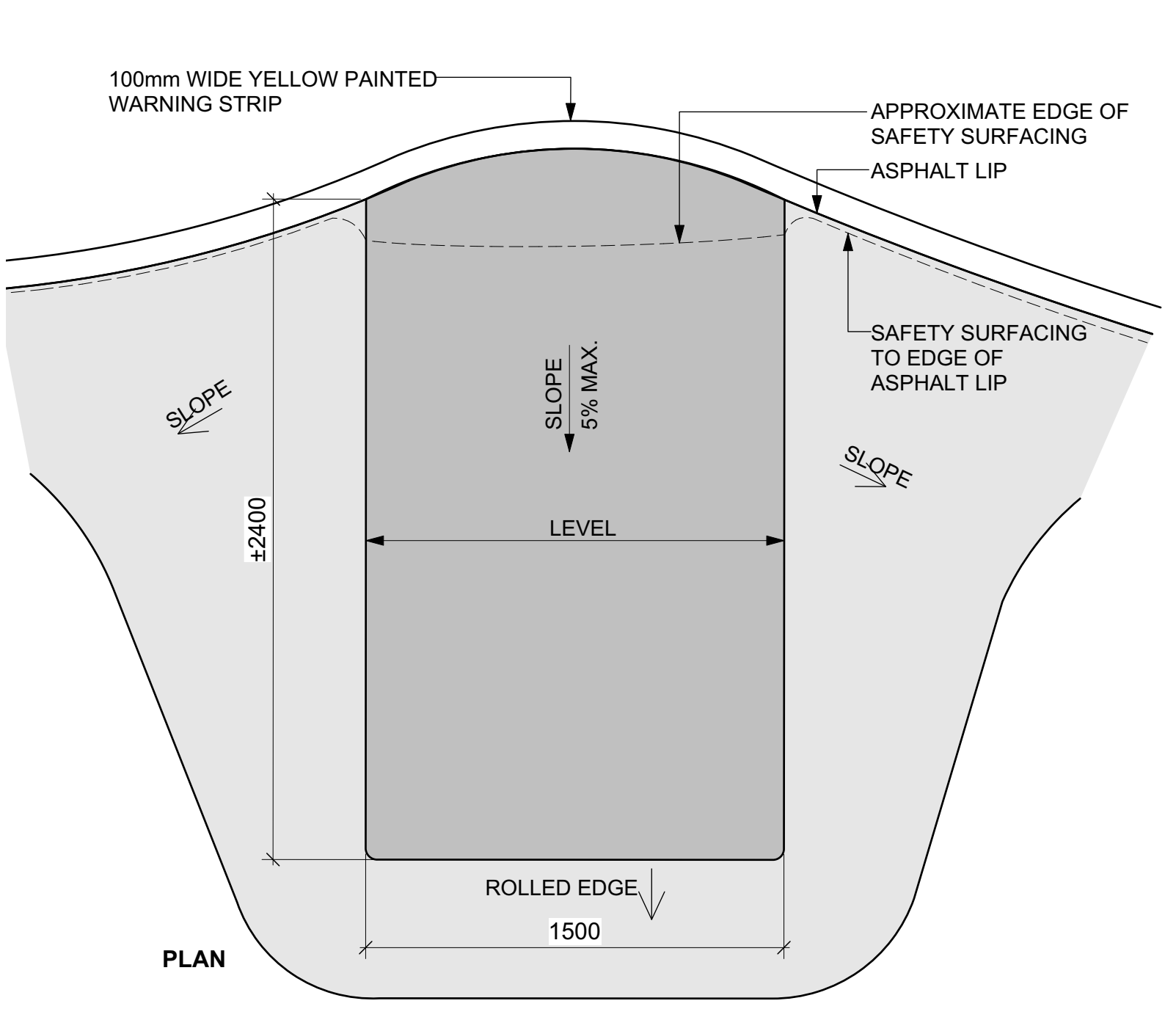
1 L-03 BASKETBALL COURT LAYOUT
Scale: NTS



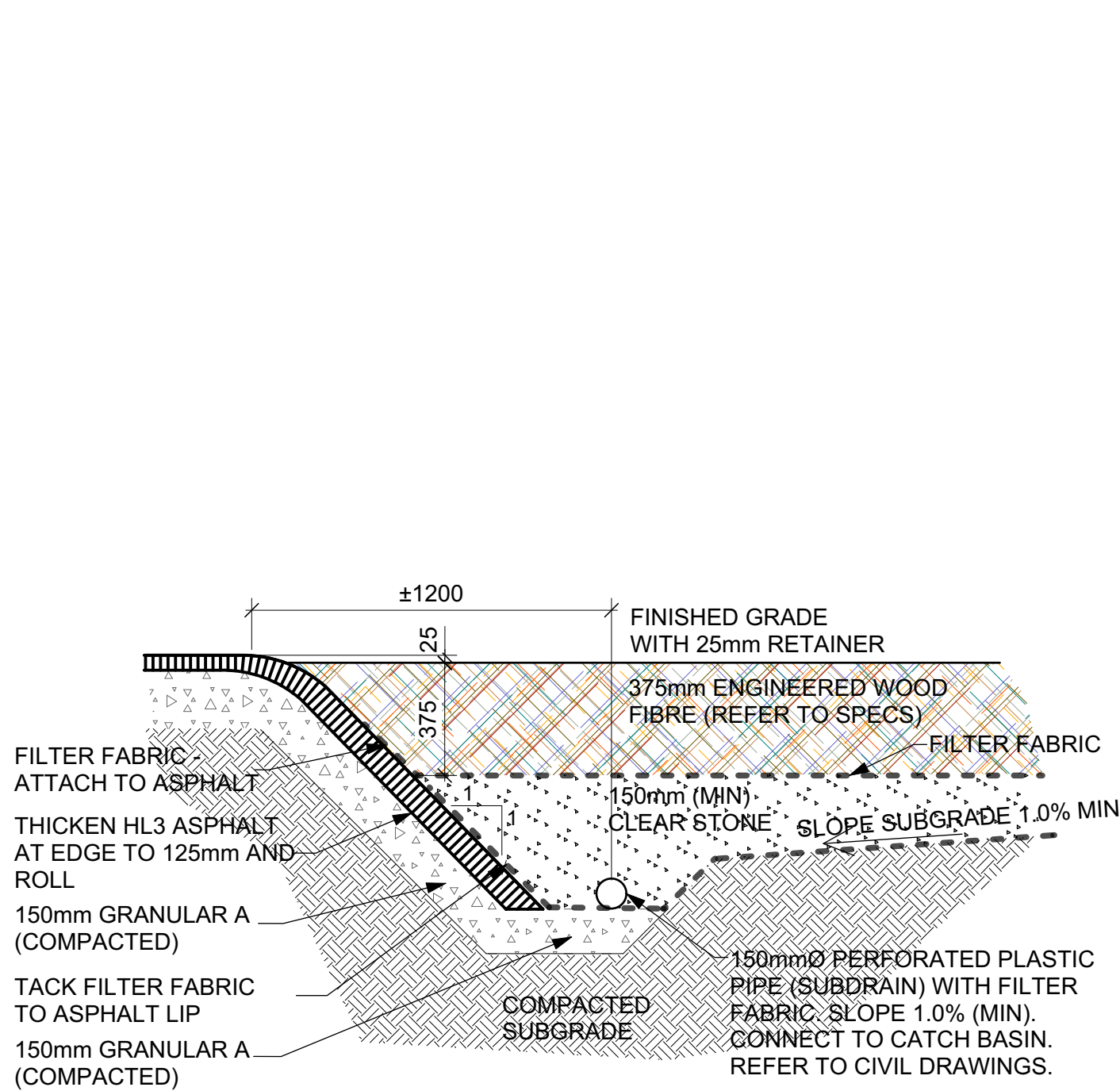
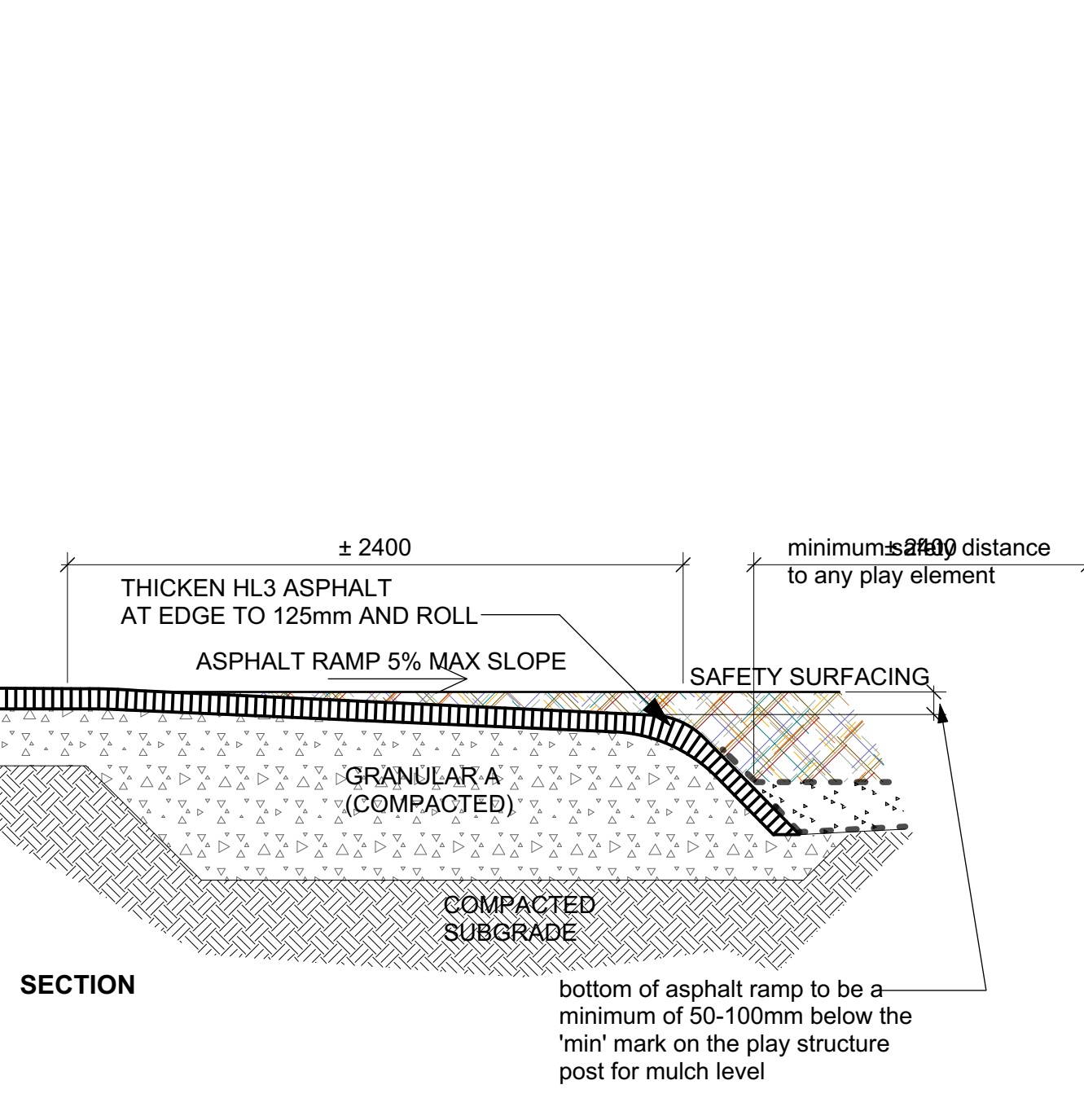
S3 L-03 SOCCER GOAL POST FOOTING
Scale: NTS



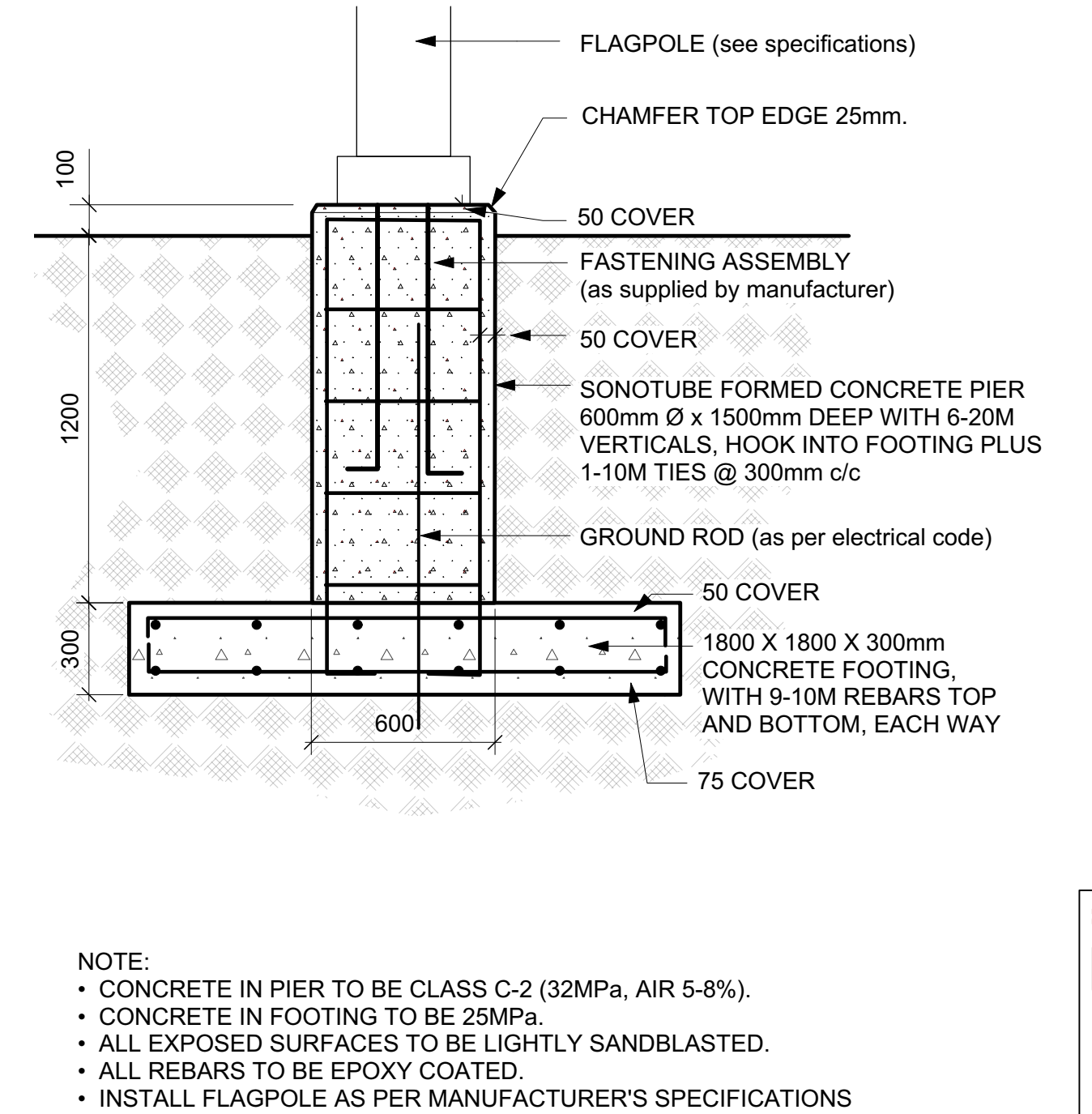
D7 L-03 SHADE SAIL POST FOOTING
Scale: NTS



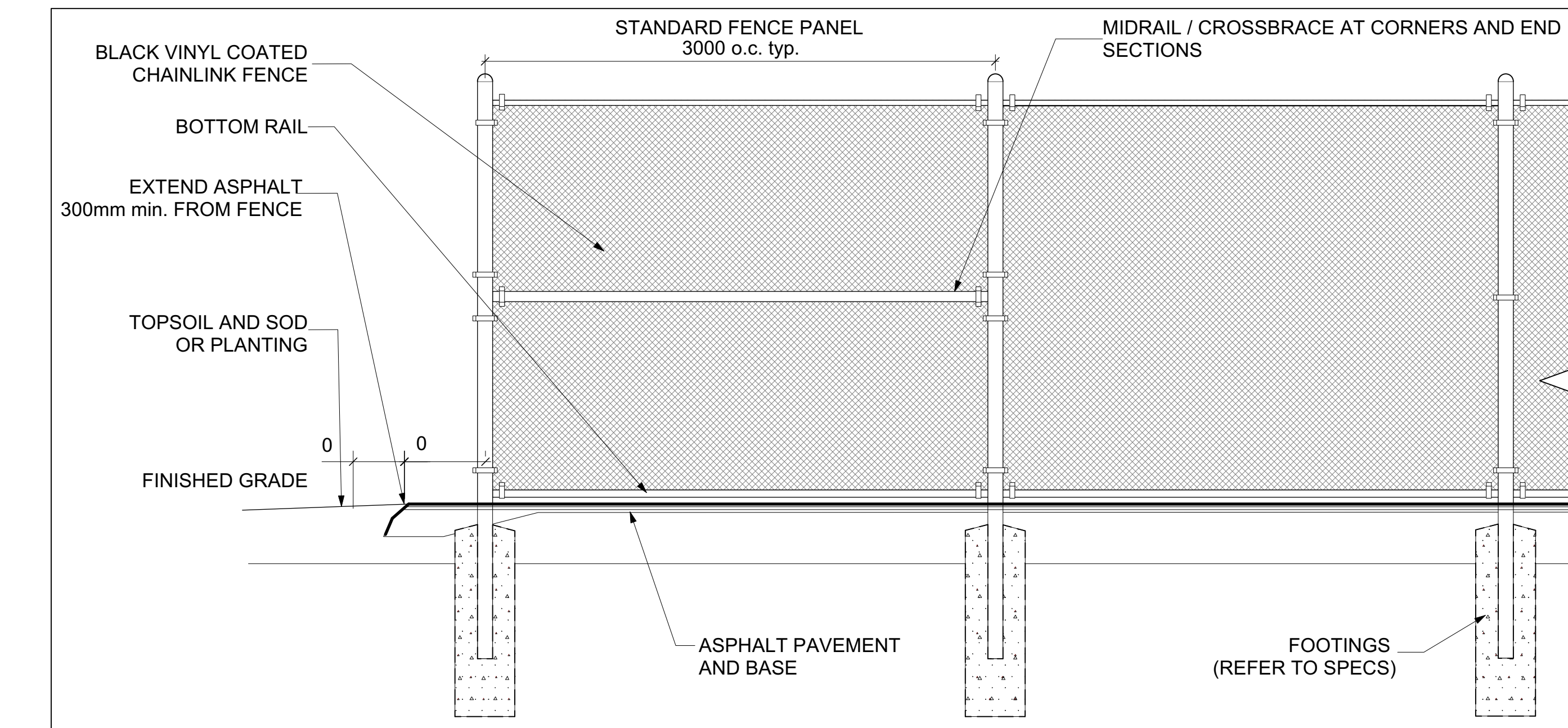
D8 L-03 ACCESSIBLE ASPHALT RAMP
Scale: NTS



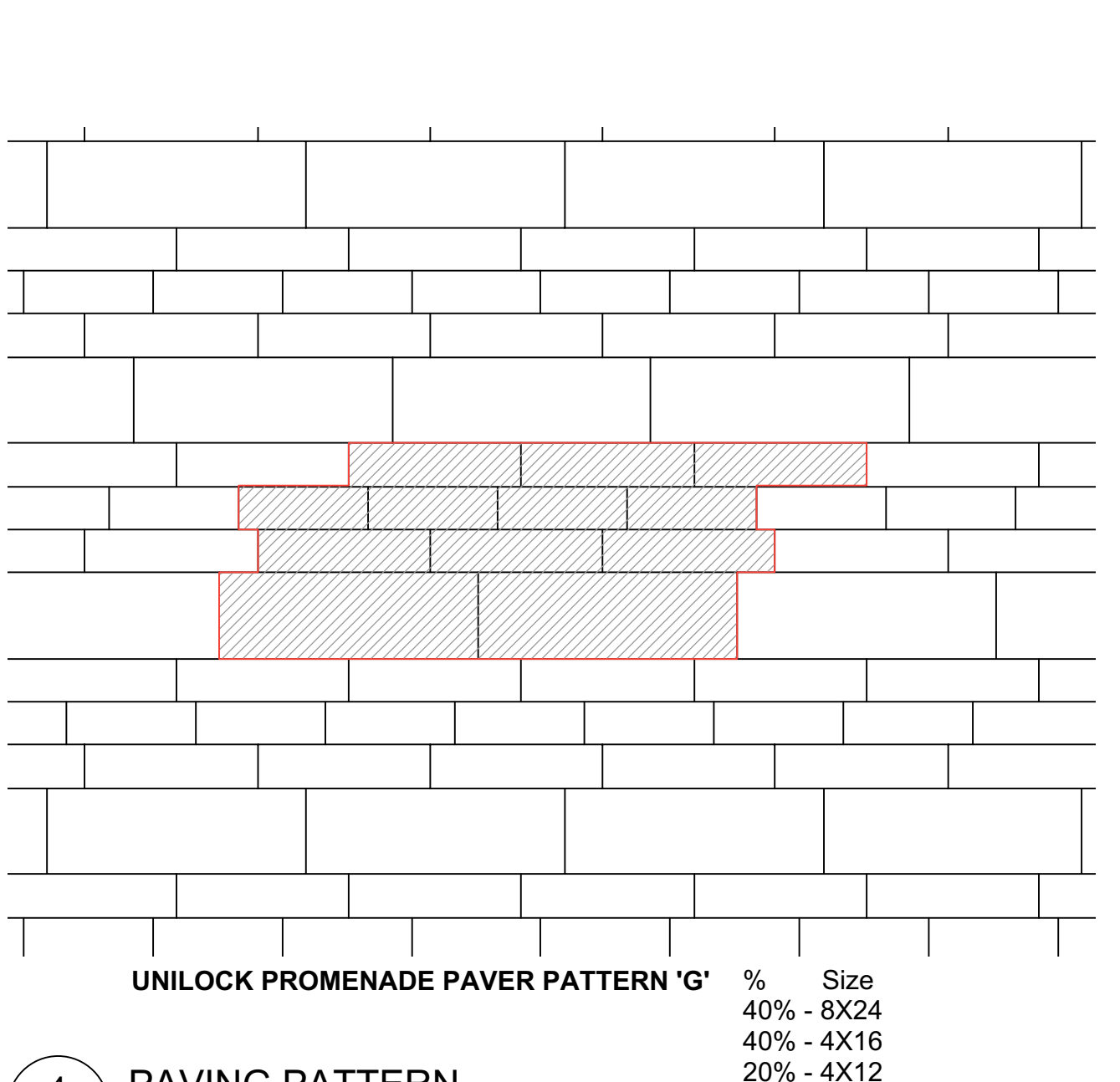
D9 L-03 ASPHALT ROLLED EDGE
Scale: NTS



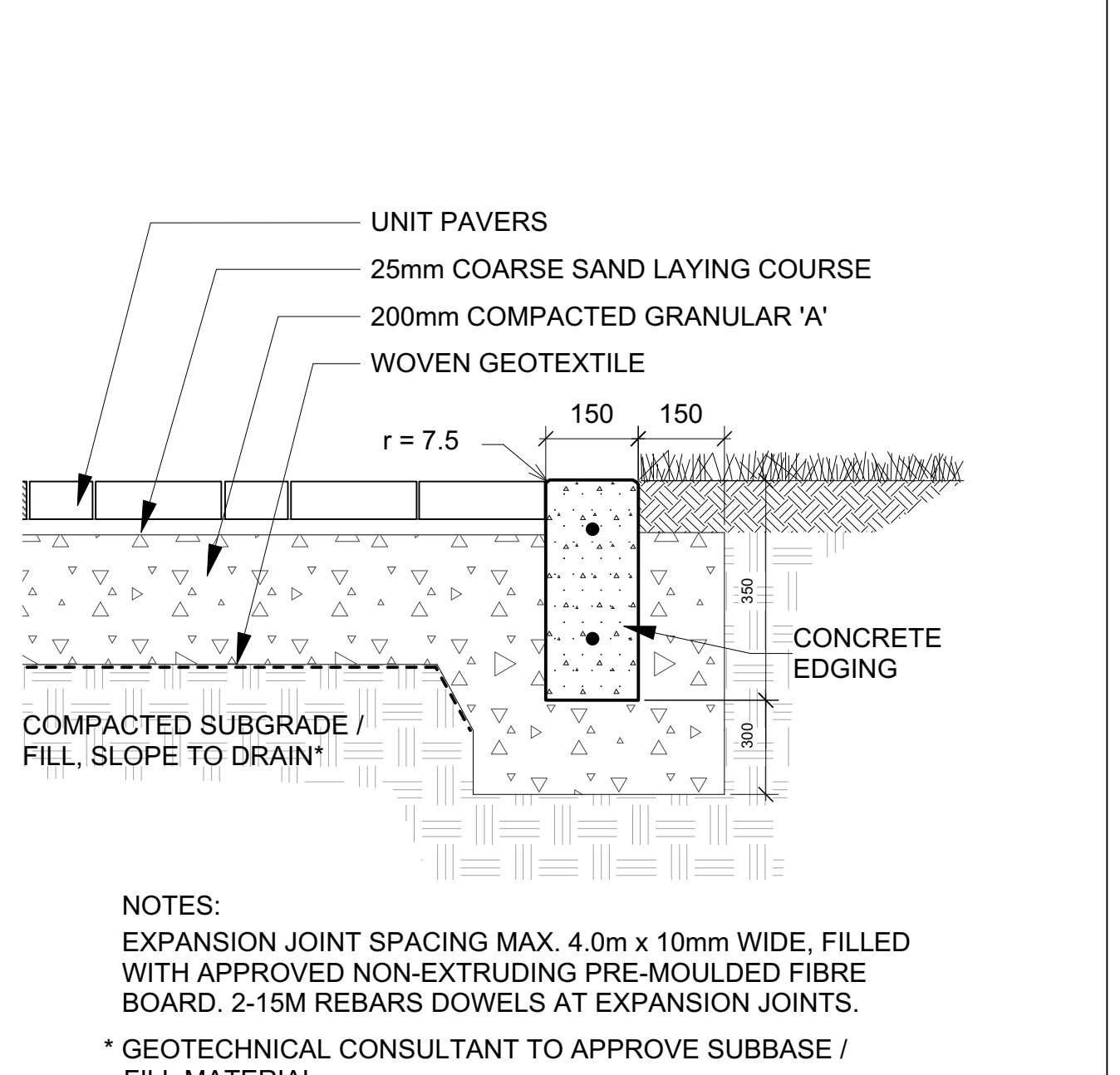
3 L-03 FLAGPOLE BASE
Scale: NTS



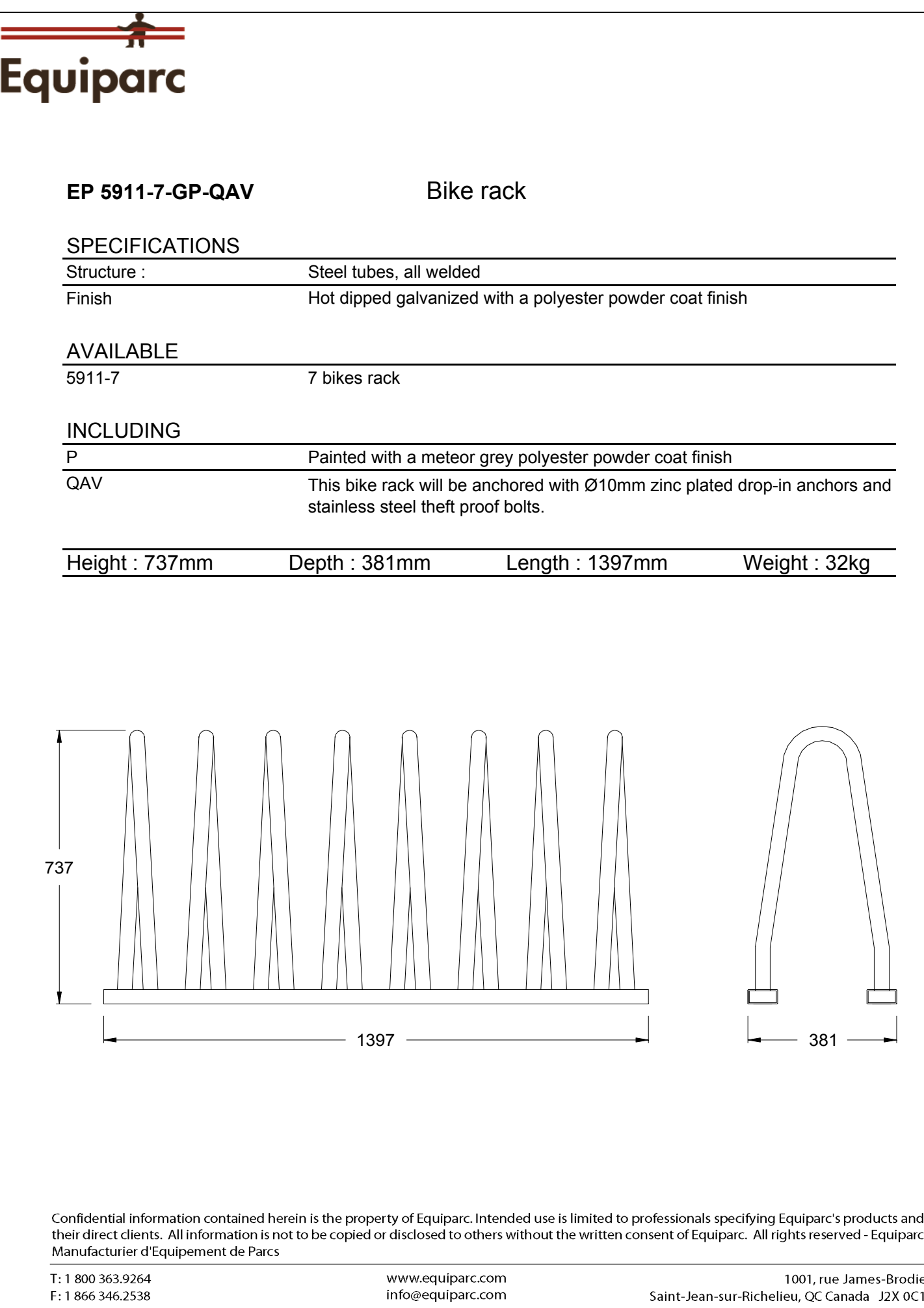
D5 L-03 CHAINLINK FENCE
Scale: NTS



4 L-03 PAVING PATTERN
Scale: NTS



D2 L-03 PRECAST UNIT PAVERS
Scale: NTS

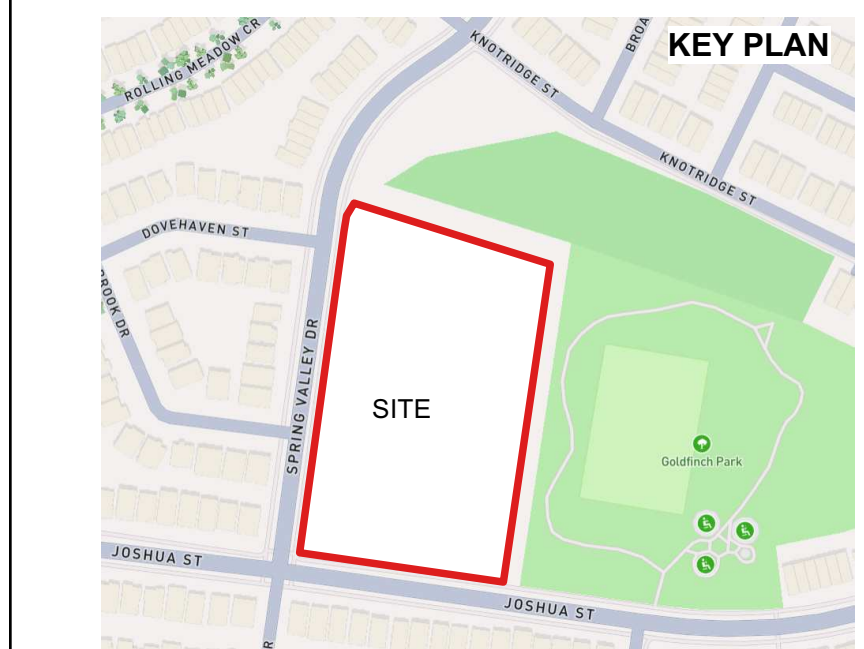


D4 L-03 BIKE RACK - EQUIPARC EP 5911
Scale: NTS



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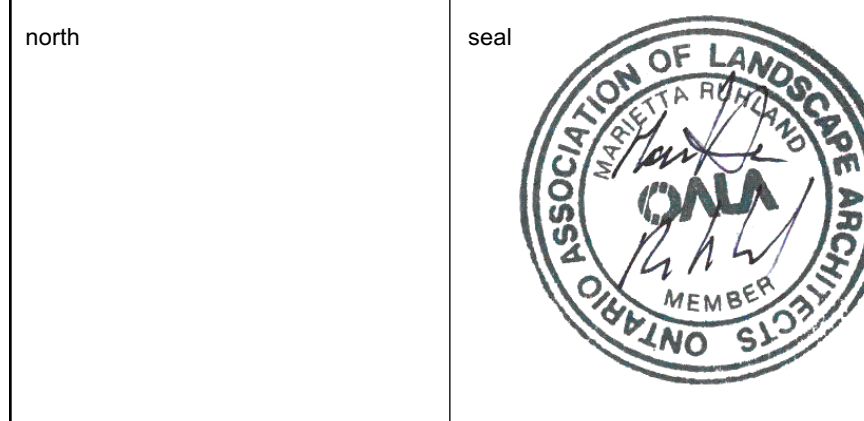


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drawing title			
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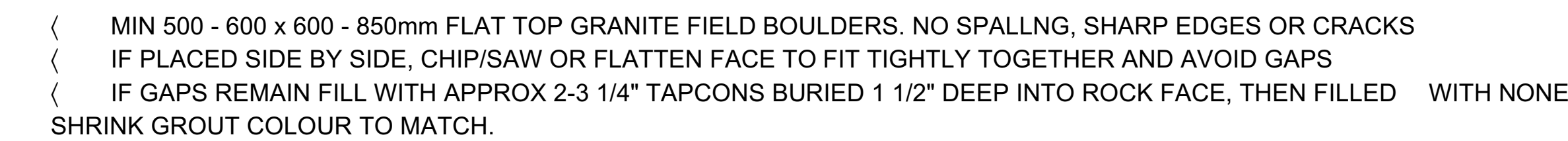
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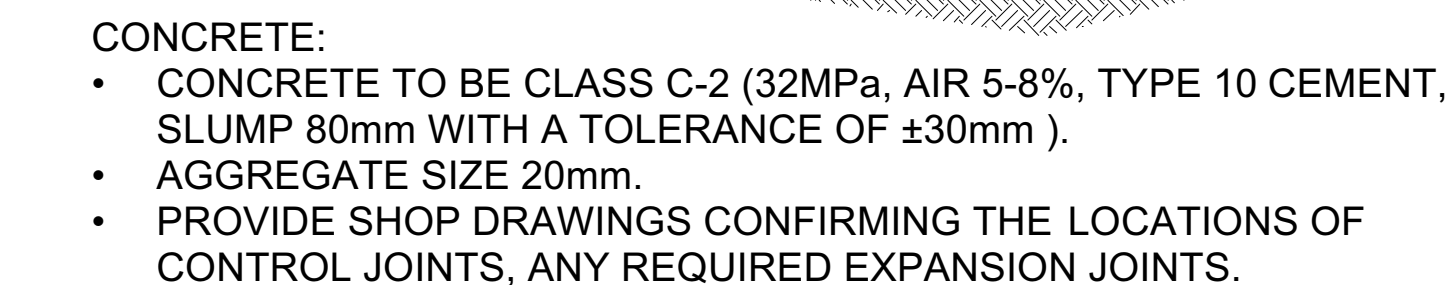
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drawing title

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ODC.8 BOULDER RETAINER
L-04 Scale: NTS



B2 CONCRETE PAD FOR BIKE RACK
L-04 Scale: NTS



NOTE: REFER TO CITY OF OTTAWA STANDARD DETAIL
SC7.3

D4 TACTILE WALKING SURFACE INDICATOR (TWSI)
L-04 Scale: NTS



NOTE:
BARRIER FREE PATH OF ACCESS AND DEPRESSED CURB TO COMPLY
WITH A.O.D.A. STANDARDS AND CITY OF OTTAWA ACCESSIBLE
GUIDELINES. WIDTH OF DEPRESSED CURBS AT HANDICAP PARKING
STALLS IS $\pm 1500\text{mm}$. WIDTH OF DEPRESSED CURB AT DROP OFF ZONE
IS $\pm 3000\text{mm}$.