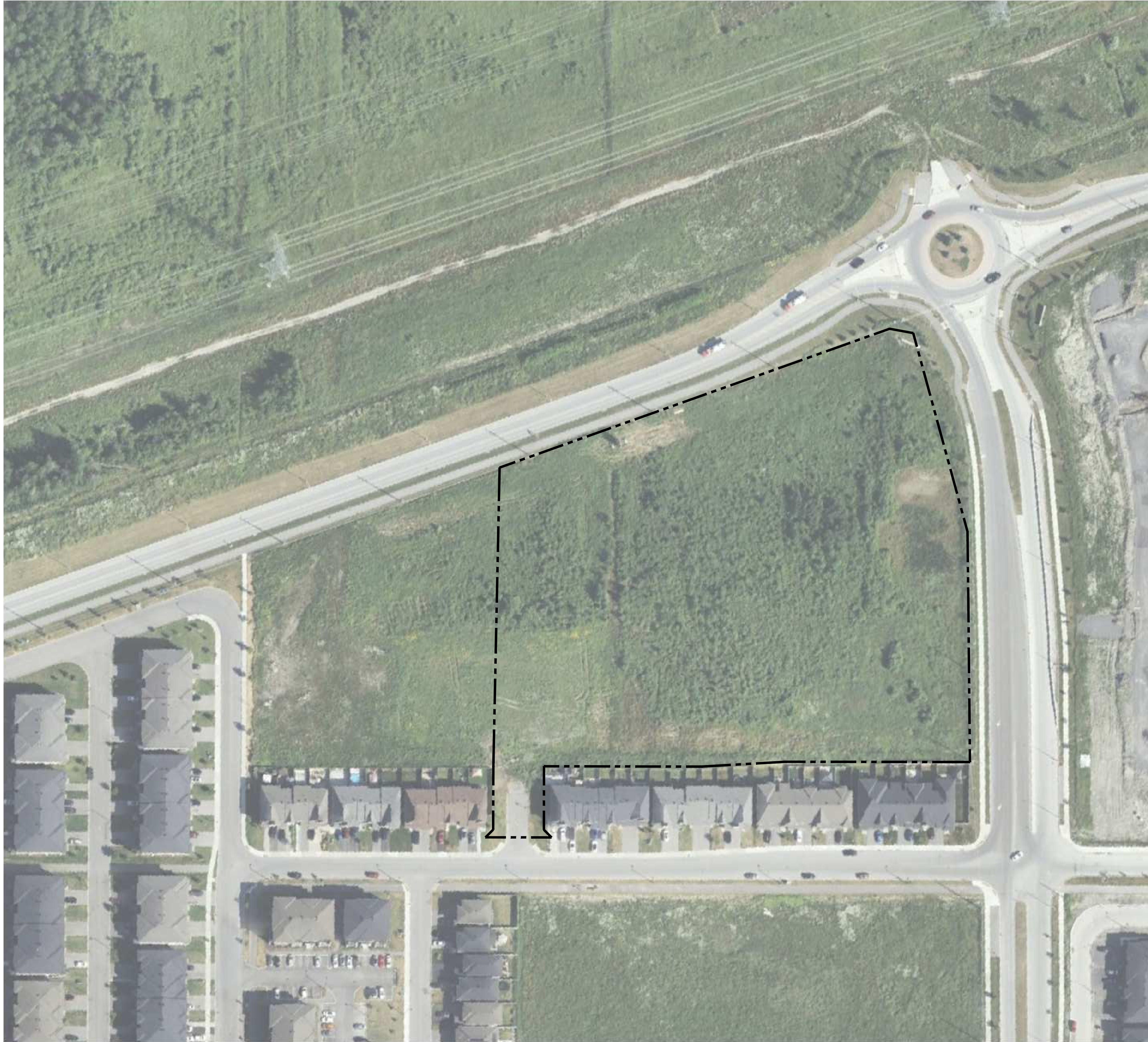




LIST OF DRAWINGS

- L1.0 NOTES AND SCHEDULES
- L1.1 LANDSCAPE PLAN
- L1.2 INFORMATION VALIDATING PLAN
- L2.1 LANDSCAPE DETAILS 1
- L2.2 LANDSCAPE DETAILS 2

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GWAL

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1688 WOODWARD DR.
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613.727.5111

SITE STATISTICS AND INFORMATION:

SOIL VOLUME TARGETS:		
SMALL	(A) 20m ³ SINGLE TREE (B) 9m ³ MULTIPLE GROUPED TREES (C) 25m ³ IN SENSITIVE MARINE CLAY	 (A)  (B)  (C)
MEDIUM	(D) 25m ³ SINGLE TREE (E) 15m ³ MULTIPLE GROUPED TREES (F) 30m ³ IN SENSITIVE MARINE CLAY	 (D)  (E)  (F)
LARGE	(G) 30m ³ SINGLE TREE (H) 18m ³ MULTIPLE GROUPED TREES	 (G)  (H)
CONIFER	25m ³ SINGLE TREE 15m ³ MULTIPLE GROUPED TREES	

* SOIL VOLUME BLOCKS CALCULATED AT:
1m DEPTH IN REGULAR SOIL CONDITIONS; AND
1.5m DEPTH IN SENSITIVE MARINE CLAY SOILS

40 YEAR CANOPY PROJECTIONS:		
SMALL	5.0m DIA. SYMBOL PLAN 20.0m ² CANOPY / TREE	#2500
MEDIUM	7.0m DIA. SYMBOL PLAN 38.0m ² CANOPY / TREE	#3500
LARGE	9.0m DIA. SYMBOL PLAN 64.0m ² CANOPY / TREE	#4500
CONIFER	5.0m DIA. SYMBOL PLAN 20.0m ² CANOPY / TREE	#2500

SITE CANOPY COVERAGE:	
SITE AREA (m ²)	27311.7
CANOPY AREA WITHOUT OVERLAPS (m ²)	2881.6
CANOPY AREA PERCENTAGE (%)	10.6%

SITE CANOPY COVERAGE:

SHRUB LIST					
SYM.	BOTANICAL NAME	COMMON NAME	QTY.	PLANTING SIZE	NOTES
	SHURBS				
RR	ROSA RUGOSA	RUGOSA ROSE	--	500mm HT.	POT. 600mm O.C.
PO	PHYSOCARPUS OPULIFOLIUS 'DIABOLO'	DIABOLO NINEBARK	--	800mm HT.	POT. 1200mm O.C.
PM	PINUS MUGO	MUGO PINE	--	600mm SPR.	POT. 900mm O.C.
SB	SPIREA X BUMALDA 'GOLDFLAME'	GOLDFLAME SPIREA	--	500mm HT.	POT. 600mm O.C.
SS	SORBARIA SORBIFOLIA	FALSE SPIREA	--	500mm HT.	POT. 900mm O.C.
	ORNAMENTAL GRASS				
CA	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	FOREST REED GRASS	--	600mm HT.	POT. 600mm O.C.
	PERENNIALS				
HS	HEMEROCALLIS 'SPECIES'	MIXED DAYLILIES	--	1 GAL. POT	POT. 400mm O.C.
NF	NEPETA FAASSENII	CAT MINT 'CAT'S MEOW'	--	1 GAL. POT	POT. 400mm O.C.
RF	RUDBEKIA FULDGIDA 'GOLDSTRUM'	BLACK EYED SUSAN	--	1 GAL. POT	POT. 400mm O.C.

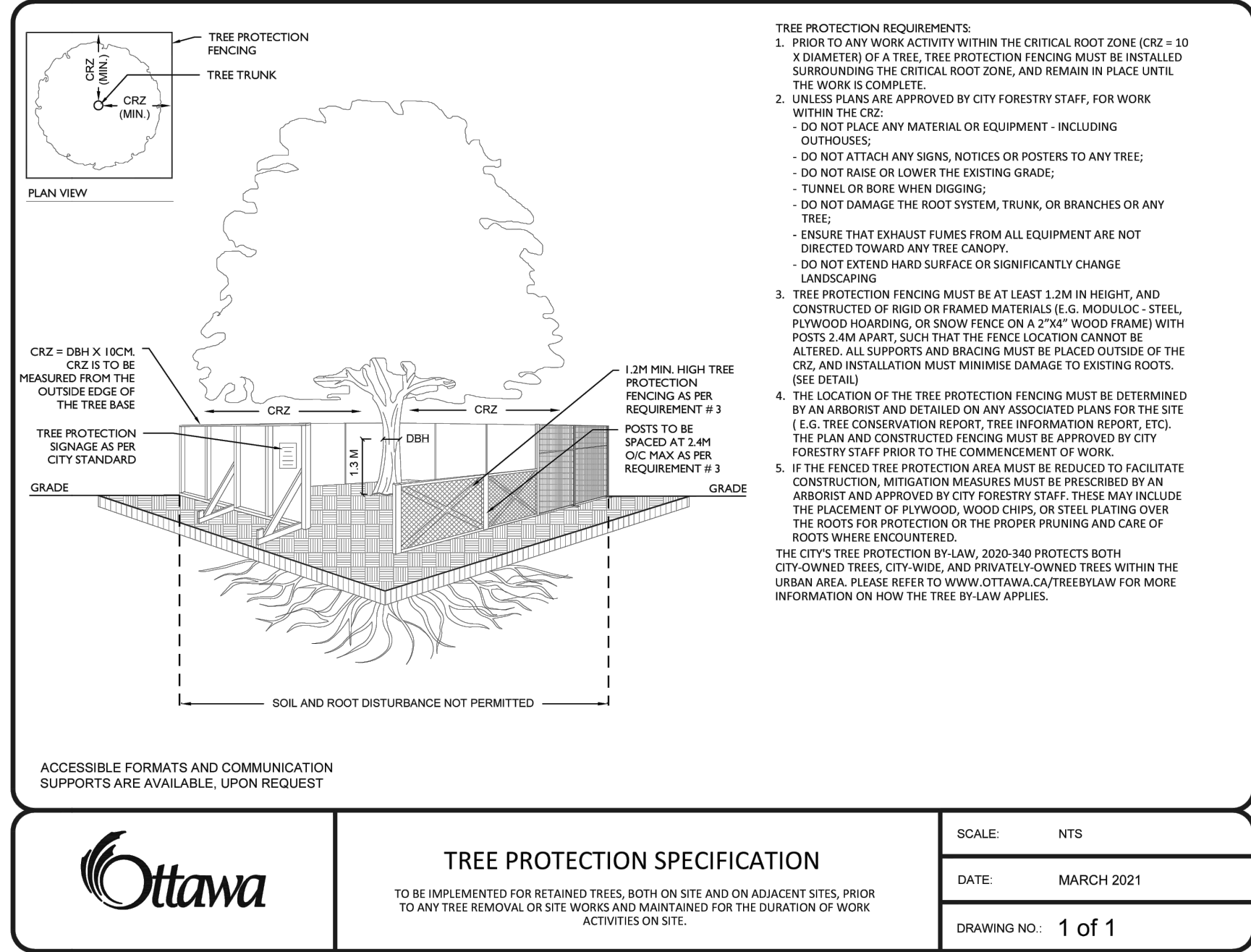
GENERAL NOTES:

1. LANDSCAPE ARCHITECT AND/OR LANDSCAPE CONSULTANT HEREIN REFERS TO URBANPOLYLOGY INC.
2. ALL PLANT MATERIAL SHALL BE NURSERY STOCK, SOURCED IN SAME HARDINESS ZONE AS PROJECT SITE UNLESS OTHERWISE NOTED.
3. ALL PLANS IN METRIC UNLESS OTHERWISE NOTED.
4. DECIDUOUS TREES TO HAVE MIN. 1.800mm CLEAR STEM ABOVE GRADE.
5. CONTRACTOR TO PROTECT ALL EXISTING ROADS, RIGHT OF WAYS, SIDEWALKS, CURBS, AND OTHER SITE ELEMENTS DURING CONSTRUCTION. AREAS DAMAGED DURING CONSTRUCTION TO BE REPAIRED AT CONTRACTORS OWN COST.
6. ALL PLANT MATERIAL SHALL BE WARRANTED FOR TWO YEARS FROM THE DATE OF SUBSTANTIAL COMPLETION.
7. CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATION OF ALL SERVICES PRIOR TO ANY EXCAVATION. SHOULD CONFLICTS WITH SERVICES BE FOUND, CONTRACTOR TO NOTIFY LANDSCAPE CONSULTANT IMMEDIATELY. DAMAGE TO ANY SERVICES, BOTH ON AND OFF PROJECT SITE, TO BE REPAIRED AT CONTRACTORS OWN COST.
8. SUBSTITUTIONS ARE REQUIRED TO BE SUBMITTED TO THE LANDSCAPE CONSULTANT PRIOR TO PROCEEDING TO INSTALLATION. PLANT SPECIES SUBSTITUTIONS SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL STRUCTURE, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOUR, FRUIT AND CULTURE.

THE LANDSCAPE CONSIDERATIONS CONTAINED WITHIN SEC. 6.8 OF PATERSON GROUP'S GEOTECHNICAL INVESTIGATION, DATED NOVEMBER 26, 2024.

1. THE LANDSCAPE ARCHITECT INTENDS, BELIEVES AND HAS MADE REASONABLE EFFORT TO CONFORM WITH THE TREE-TO-FOUNDATION SETBACK, SOIL VOLUME, AND SURFACE-GRADING REQUIREMENTS OUTLINED IN THE CITY OF OTTAWA'S GUIDELINES FOR TREE PLANTING IN SENSITIVE MARINE CLAY SOILS (2017), BUT THE FOLLOWING FINDINGS OUTLINED IN THE PROJECT GEOTECHNICAL REPORT BY PATERSON GROUP (REPORT PG2392-3, DATED NOVEMBER 26, 2024).
2. ADDITIONAL REQUIREMENTS OUTLINED IN THE CITY OF OTTAWA'S GUIDELINES FOR TREE PLANTING IN SENSITIVE MARINE CLAY SOILS (2017), INCLUDING USE DEPTH, FOUNDATION WALL REINFORCEMENT, AND SUBDIVISION GRADING, SHOULD BE CONFIRMED BY THE PROJECT ENGINEER(S).
3. CONTRACTOR TO REPORT ANY DISCREPANCIES TO THE CONSULTANT BEFORE INSTALLATION OF PLANT MATTER.
4. THE REDUCED 4.5M SETBACK FOR SMALL AND MEDIUM TREES ON ONE OF THE VALUING EXCAVATION TANKS COMPLIES WITH THE ADDITIONAL PROVISIONS SET OUT IN THE GUIDELINES FOR TREE PLANTING IN SENSITIVE MARINE CLAY SOILS (2017).

CITY OF OTTAWA STANDARD ROW CROSS SECTIONS SHALL TAKE PRECEDENCE, WHERE NOT OTHERWISE DEFINED BY CODES OR BYLAWS. MINIMUM SETBACKS ARE AS FOLLOWS:	
STREET LIGHTS (LARGE TREES)	4.5m
STREET LIGHTS (SMALL TREES)	2.5m
HYDRO TRANSFORMERS	3.0m
PUBLIC STREETS	2.5m
SIDEWALKS, DRIVEWAYS, FENCES, NOISE BARRIERS	1.5m
FOR CONIFERS FROM PAVED SURFACES	4.5m
FIRE HYDRANTS	2.5m
UNDERGROUND SERVICES & UTILITIES	1.5m
TELECOM / CABLE PEDESTALS	1.0m





- LEGEND:
- SITE BOUNDARY
 - TOP SOIL AND SOD
 - PRIVACY SCREEN (2/L2.2)
 - CHAIN LINK FENCE
 - TREE PROTECTION
 - 2 BIKE CAPACITY RACK (4/L2.2) X 40
 - SEATING (1/L2.2) ON CONCRETE PAD (2/L2.2)
 - LARGE DECIDUOUS TREE
 - MEDIUM DECIDUOUS TREE
 - COLUMNAR/SMALL TREE
 - CONIFEROUS TREE
 - TREE TAG
 - EXISTING TREE
 - DECIDUOUS SHRUB
 - CONIFEROUS SHRUB
 - PERENNIALS + ORNAMENTAL GRASS
 - EXISTING MANHOLE
 - EXISTING FIRE HYDRANT
 - SANITATION / ELECTRICAL LINES
 - WALL MOUNTED/POLE FIXTURE
 - EXISTING ROAD SIGN



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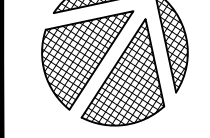
PROJECT:
TRAILS EDGE - BLOCK 140
LOCATION:
298 AXIS WAY
OTTAWA, ON

DRAWN: SS START DATE:
CHECKED: SM 11 NOV, 2024

DRAWING:
LANDSCAPE PLAN

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PROJECT NUMBER: 24.45

NORTH: SHEET NO.:

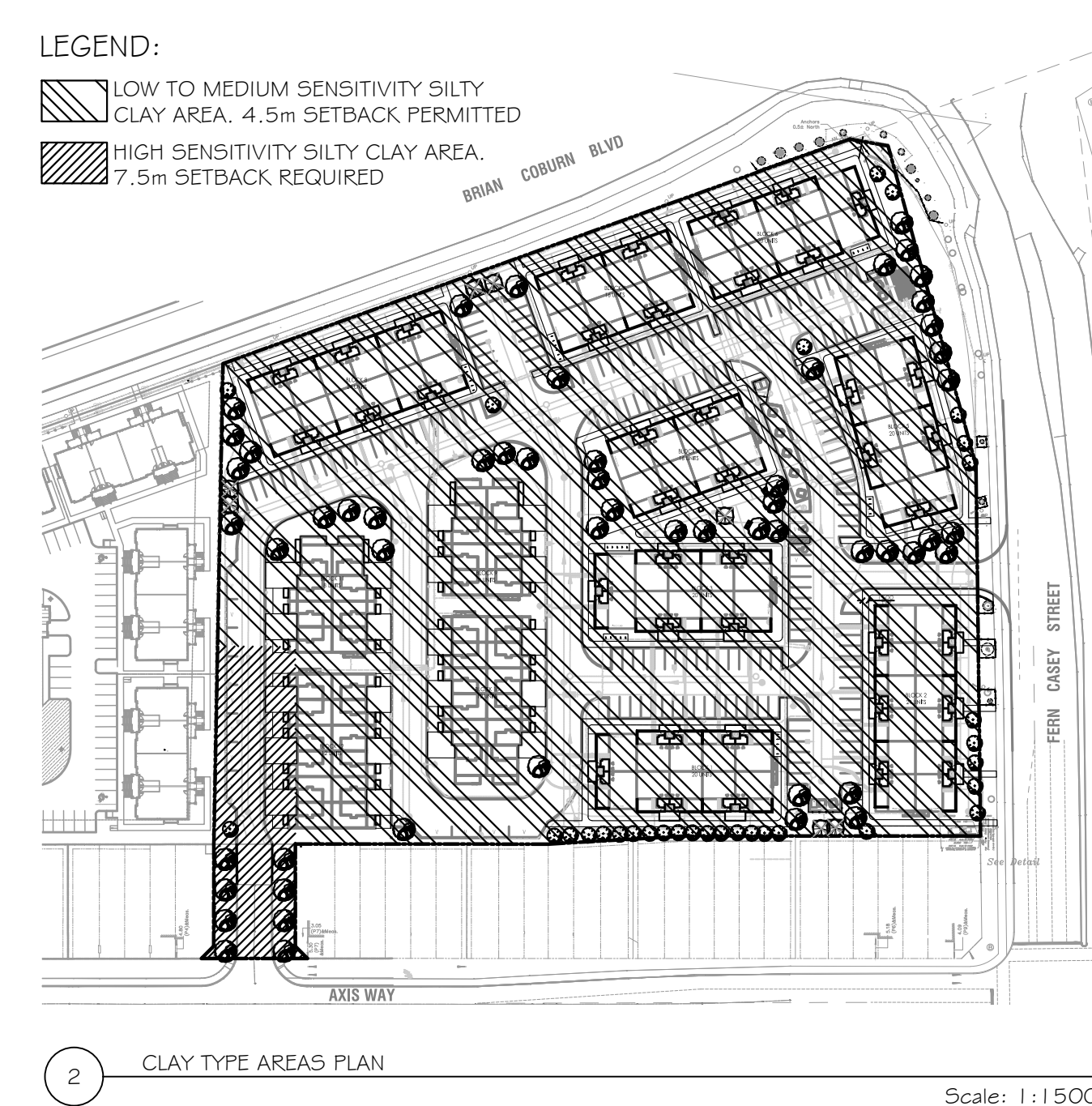


L1.1



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LEGEND:

-  SITE BOUNDARY
-  4.5m FOUNDATION SETBACK FOR SMALL & MEDIUM TREES PER GEOTECHNICAL REPORT
-  7.5m FOUNDATION SETBACK FOR LARGE TREES PER GEOTECHNICAL REPORT (N/A)
-  OVERHEAD UTILITY SETBACKS
-  TREE PROTECTION
-  CRITICAL ROOT ZONE
-  EXISTING TREE
-  TREE CONSERVATION REPORT NUM.
-  PERMEABLE SURFACING
-  SOIL VOLUME AREAS WITH OUTLINE
-  LARGE DECIDUOUS TREE WITH 40YR CANOPY OFFSET
-  MEDIUM DECIDUOUS TREE WITH 40YR CANOPY OFFSET
-  SMALL DECIDUOUS OR COLUMNAR TREE WITH 40YR CANOPY OFFSET
-  CONIFEROUS TREE WITH 40YR CANOPY OFFSET



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- VERIFY LOCATION OF ALL UNDERGROUND SERVICES AND UTILITIES PRIOR TO ANY CONSTRUCTION PRIOR TO COMMENCEMENT OF WORK.

PROJECT:
**TRAILS EDGE -
BLOCK 140**

LOCATION:
298 AXIS WAY
OTTAWA, ON

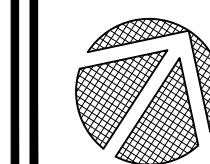
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CHECKED: SM	11 NOV. 2024

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**VALIDATING INFO.
PLAN**

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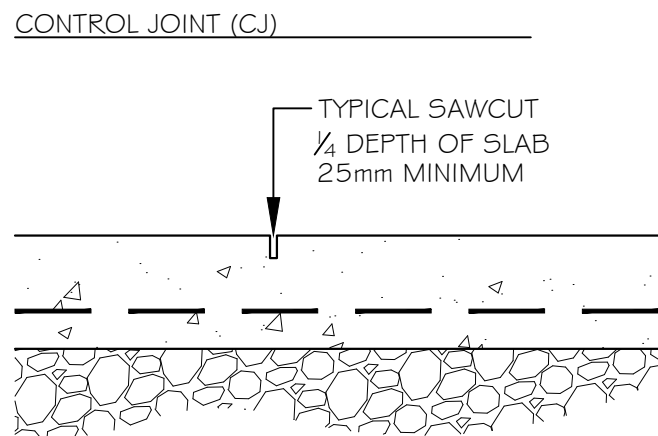
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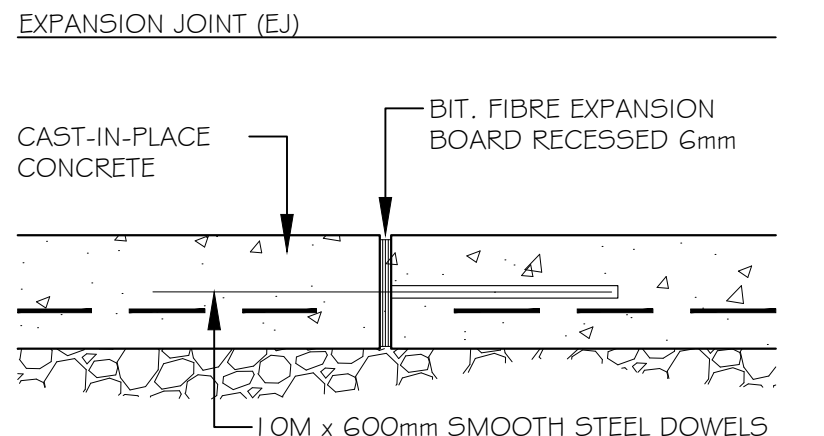
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- NOTES:
1. REFER TO DRAWINGS FOR JOINT LAYOUT
 2. SAWCUT WITHIN 48 HOURS OF POUR
 3. NO TOOLED EDGES
 4. FINISH - LIGHT BROOM

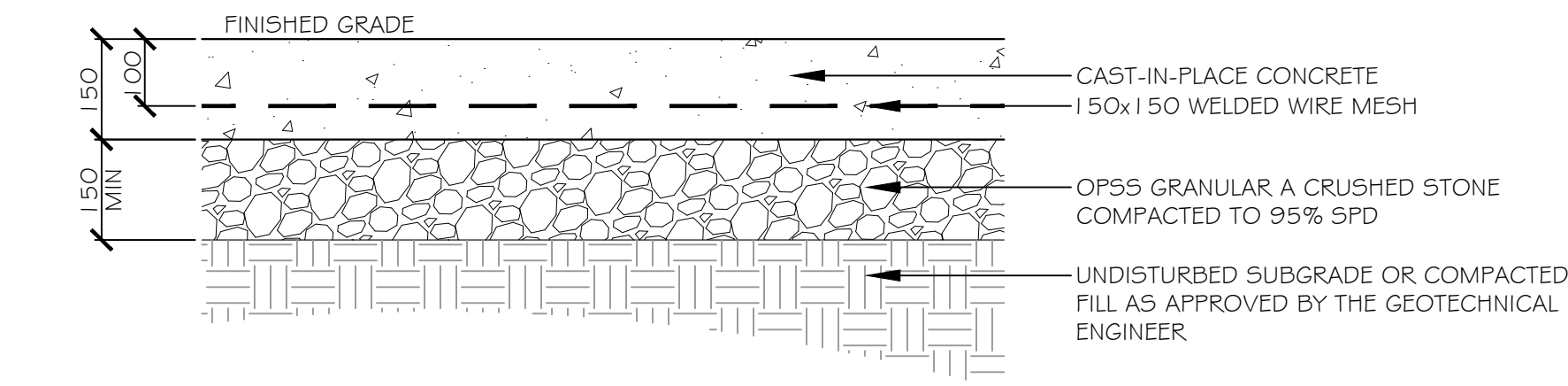
CONCRETE PAVING JOINTS

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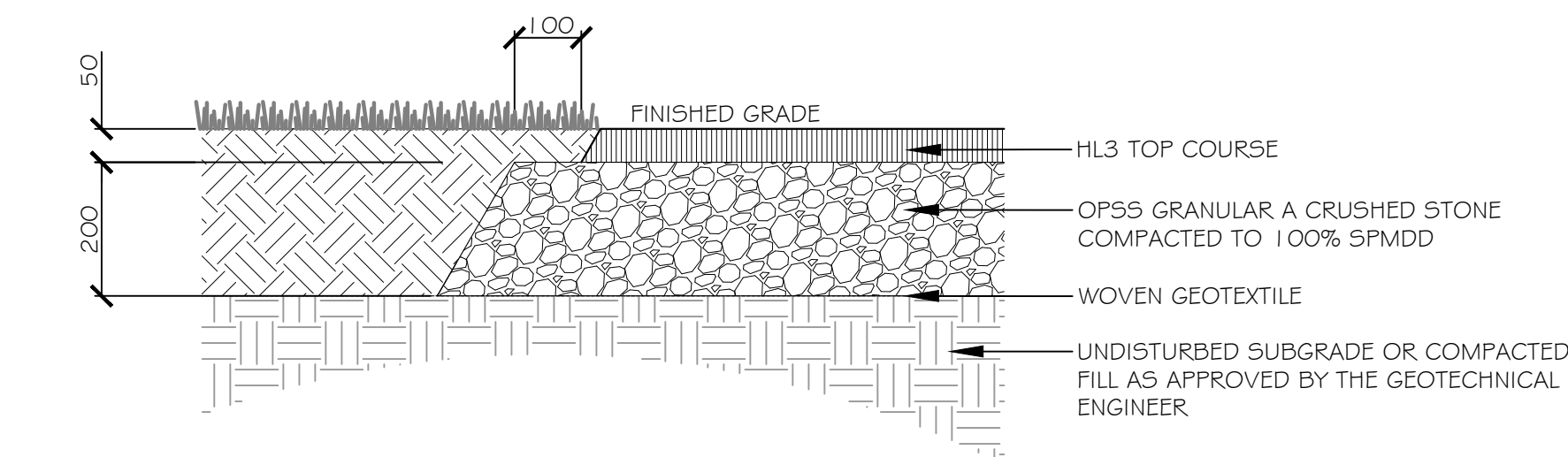
- NOTES:
1. REFER TO DRAWINGS FOR JOINT LAYOUT
 2. ALL STEEL DOWELS TO BE EPOXY - COATED
 3. NO TOOLED EDGES
 4. LIGHT BROOM FINISH

EXPANSION JOINT (EJ)



CONCRETE PAVING - LIGHT DUTY

Scale: 1:10



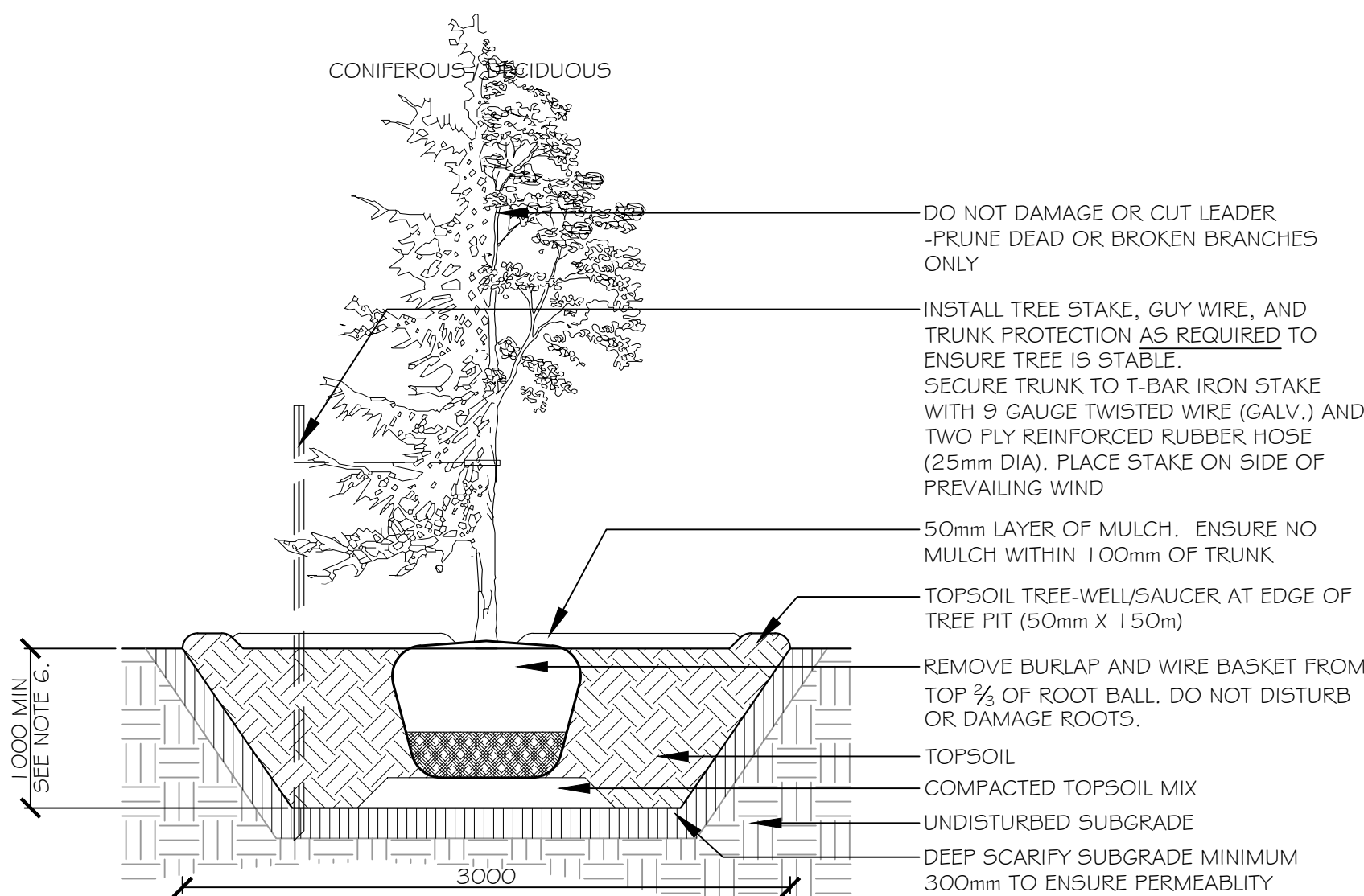
UNIT PAVING

Scale: 1:10

- NOTES:
1. EXCAVATION AND SUBGRADE CONDITION TO BE REVIEWED BY GEOTECHNICAL ENGINEER

ASPHALT PAVING

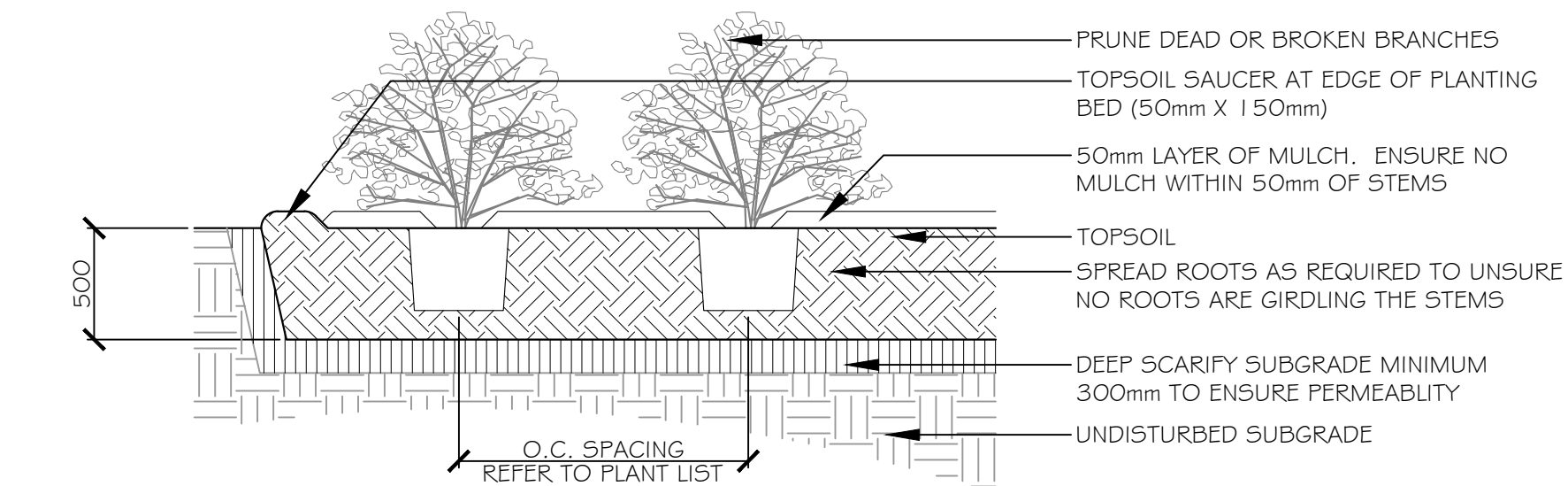
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- NOTES:
1. TREE STAKES ARE GENERALLY TO BE USED FOR CONDITIONS WHERE THE INSTALLED TREE IS UNSTABLE AND/OR BECOMES UNSTABLE
 2. ALLOW 10mm TO 25mm SLACK ON GUY WIRE SUPPORT FOR TREE
 3. TOP OF ROOT BALL TO RETAIN SAME ELEVATION AS GROWING CONDITIONS
 4. REMOVE STAKES ONE YEAR AFTER INSTALL
 5. INSTALL STAKE BEYOND EDGE OF ROOT BALL
 6. PLANTING DEPTH TO BE 1500mm MIN. WITHIN CLAY SOIL SETBACKS

TREE PANTING

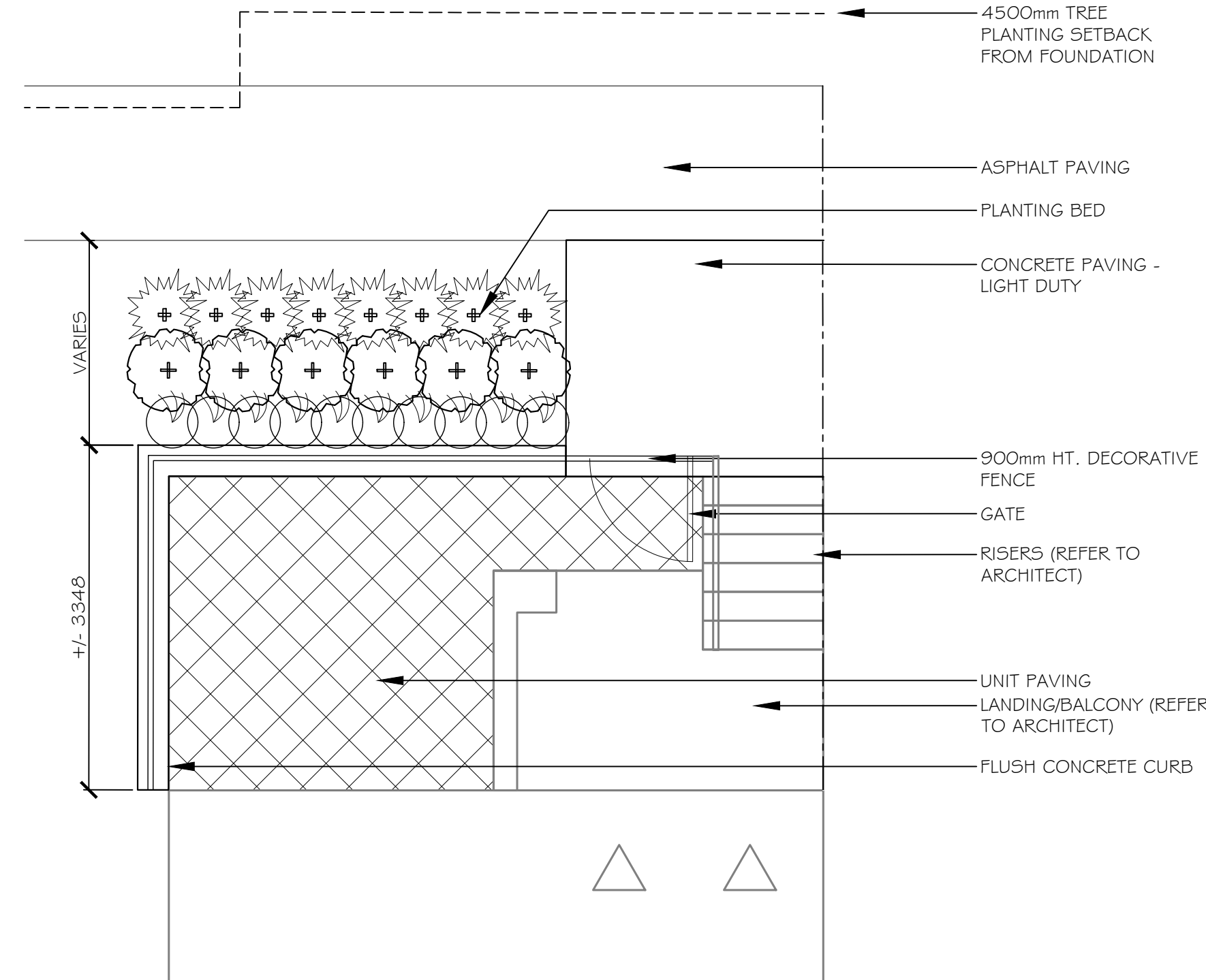
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- NOTES:
1. TOP OF ROOT BALL TO RETAIN SAME ELEVATION AS GROWING CONDITIONS

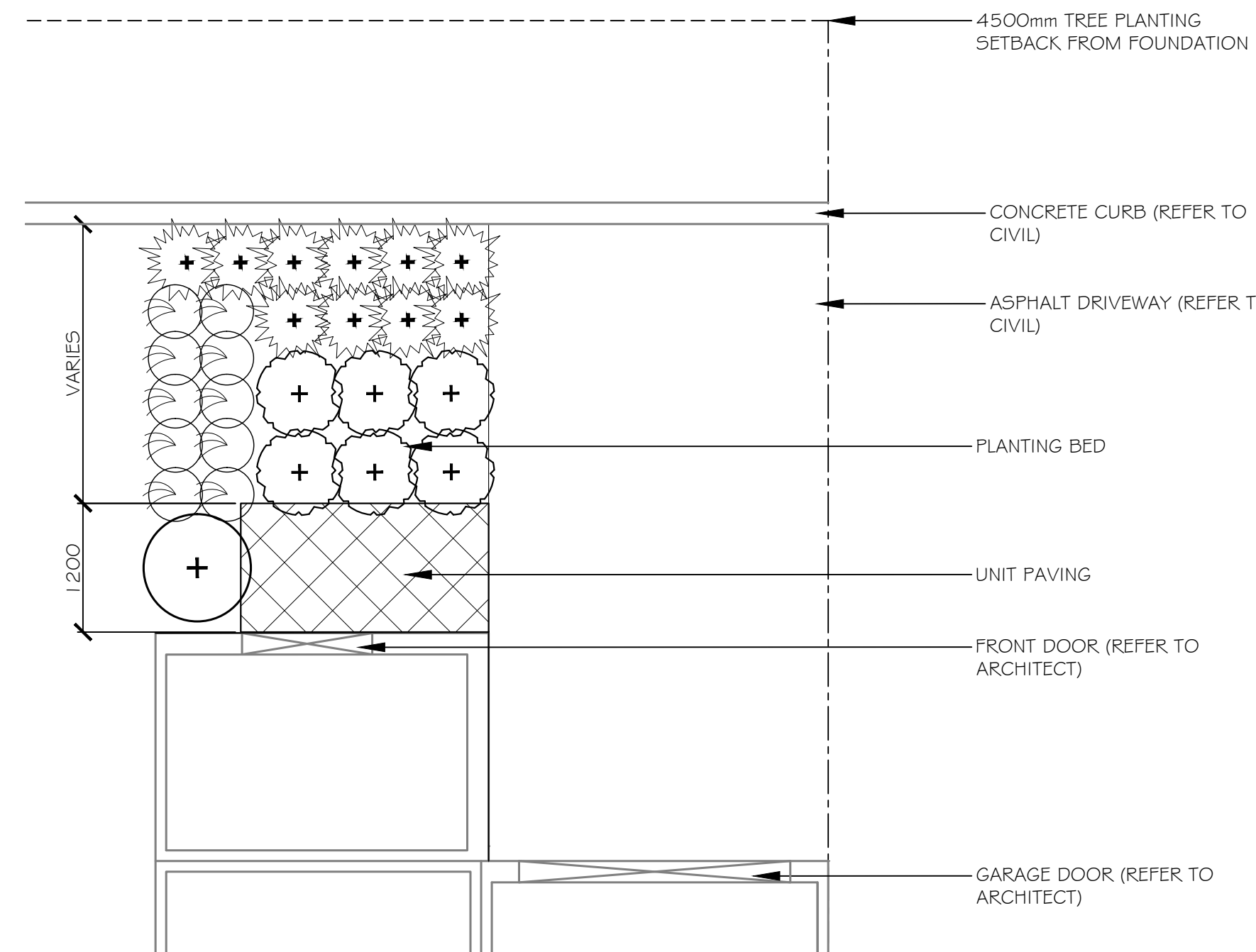
SHRUB PLANTING

Scale: 1:30



STACKS LANDSCAPE AT ENTRANCE - TYPICAL BLOCKS 1,2,3,4,5,6,7, AND 8

Scale: 1:50



BACK TO BACK TOWNS LANDSCAPE AT ENTRANCE - TYPICAL BLOCK 9 AND 10

Scale: 1:50



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PROJECT:
TRAILS EDGE - BLOCK 140

LOCATION:
298 AXIS WAY OTTAWA, ON

DRAWN: **SM** START DATE:
CHECKED: **SM** 11 NOV, 2024

DRAWING:
LANDSCAPE DETAILS

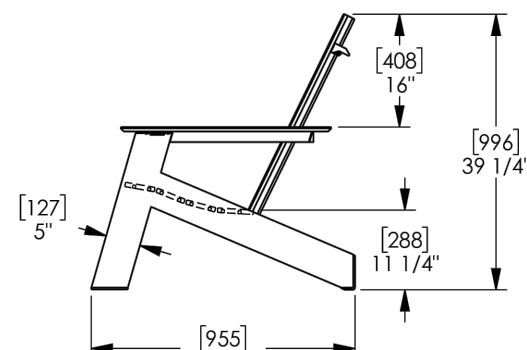
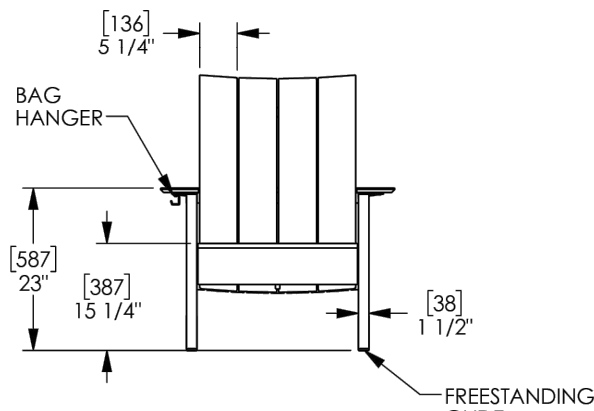
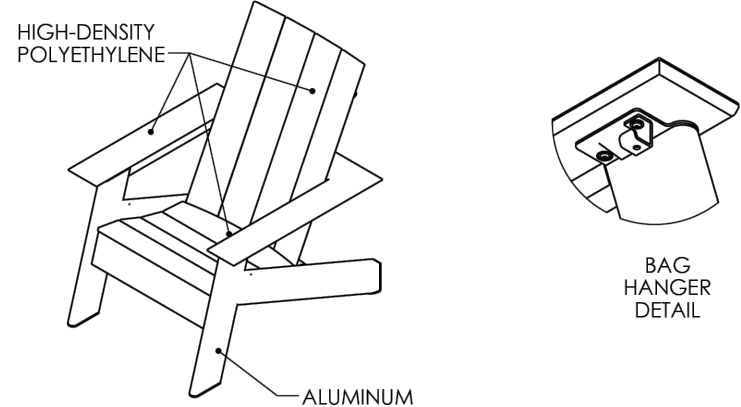
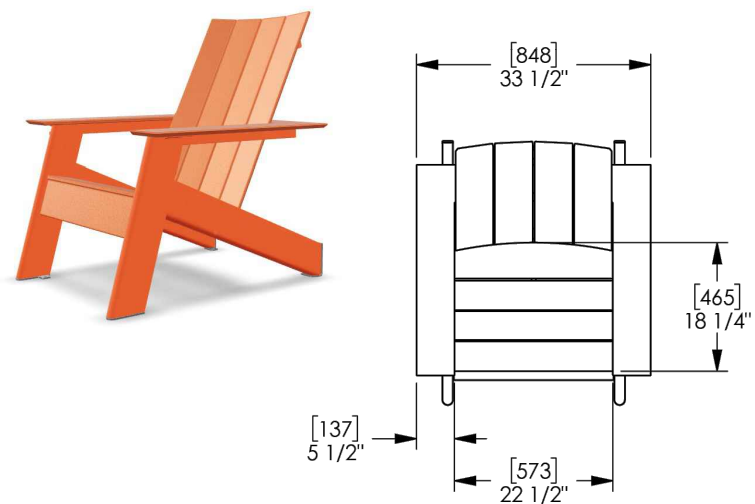
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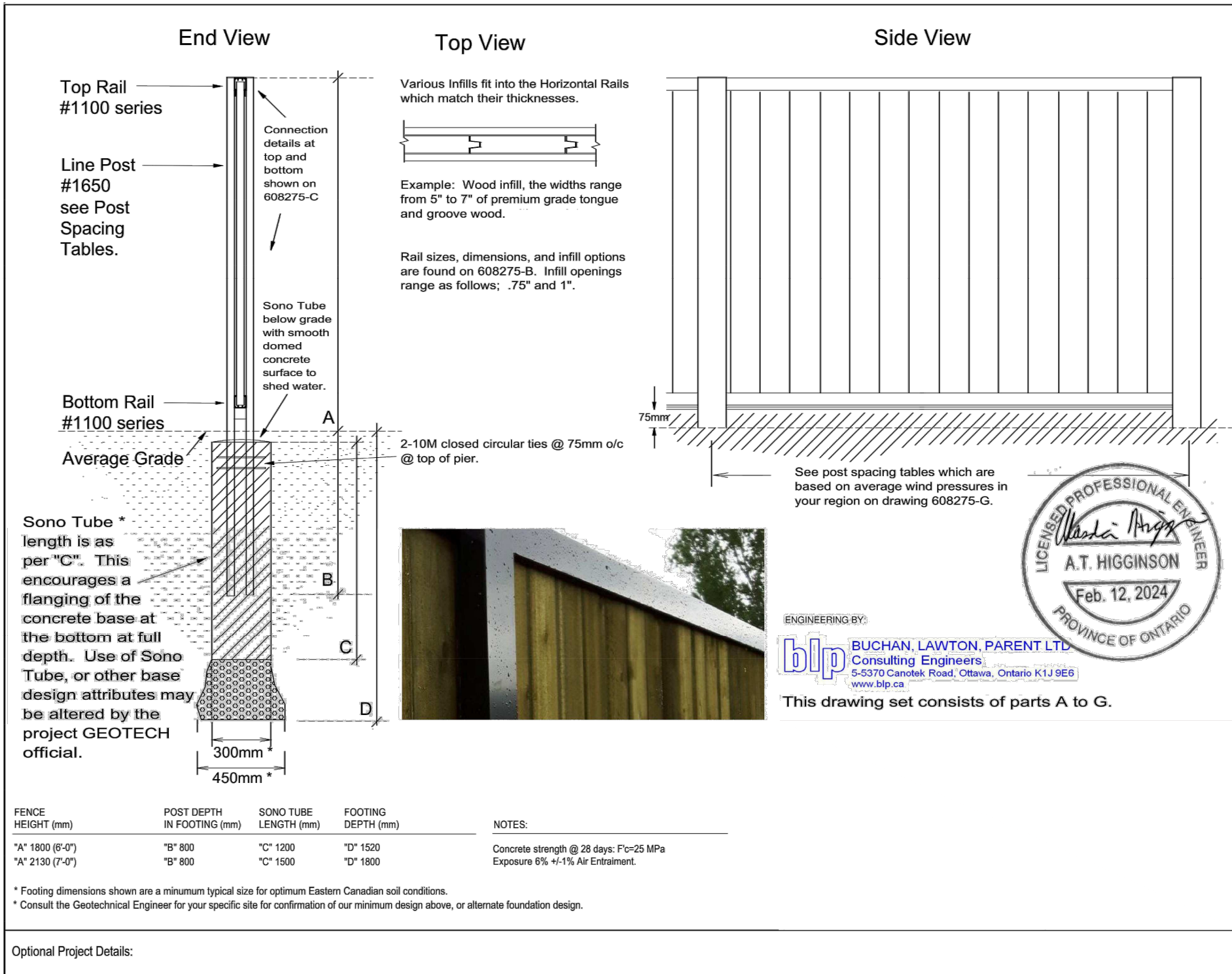
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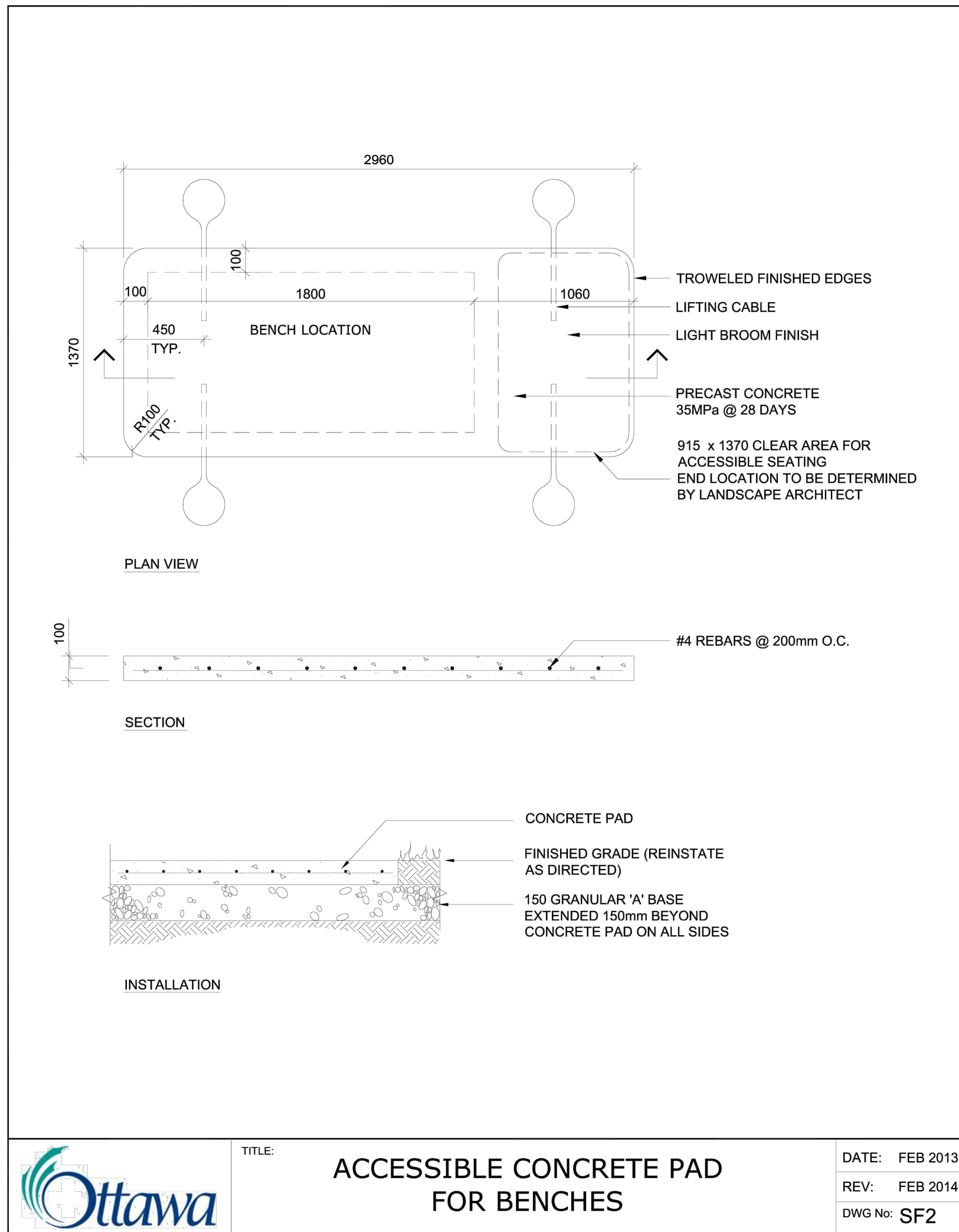
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Dimensions are in inches [mm]

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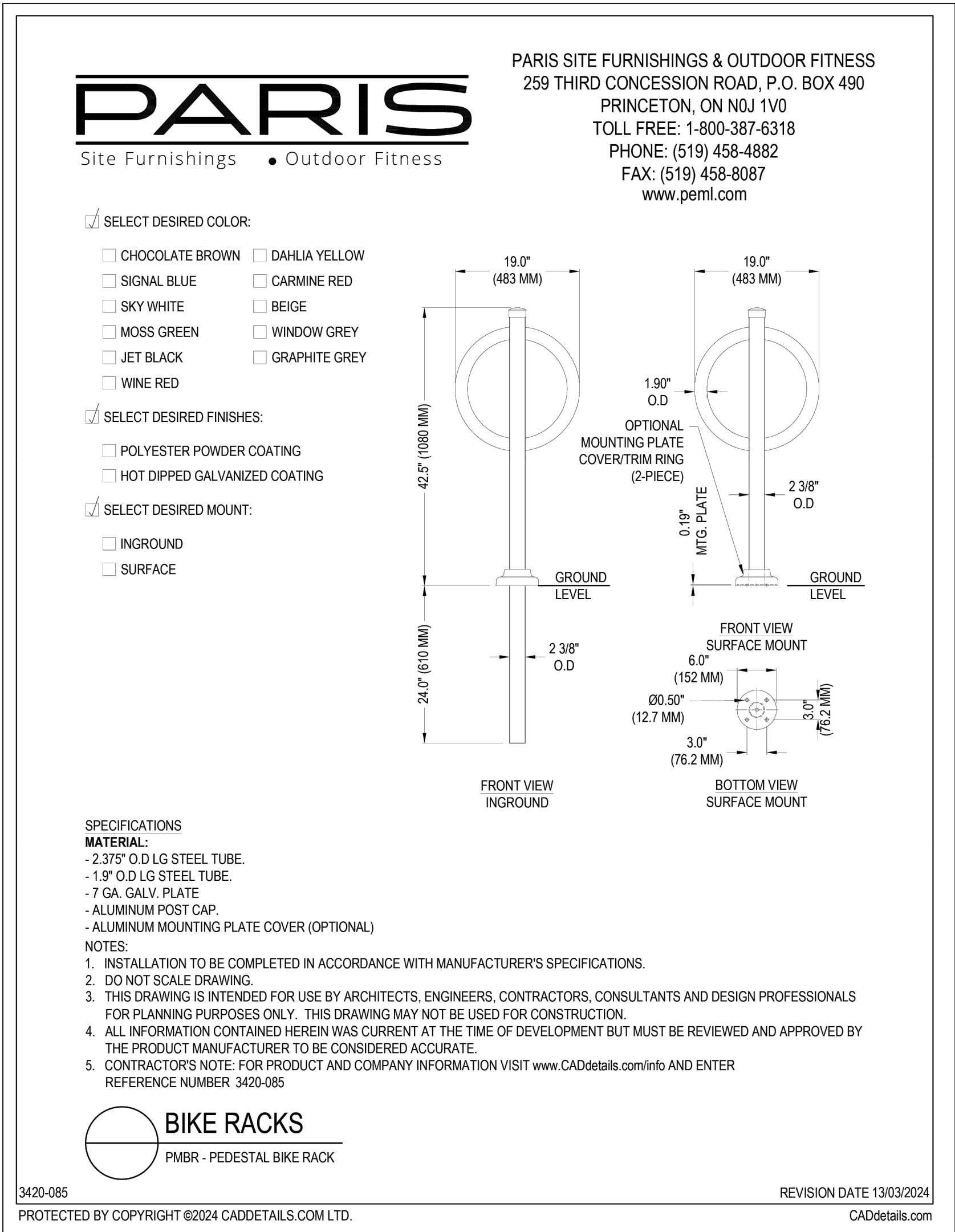
SEATING



2.0m PRIVACY SCREEN



CONCRETE PAD



BIKE RACK



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LOCATION:
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OTTAWA, ON

DRAWN: SM START DATE:
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DRAWING:
LANDSCAPE DETAILS

SCALE: PAGE SIZE: 24X36

PROJECT NUMBER: 24.45

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L2.2