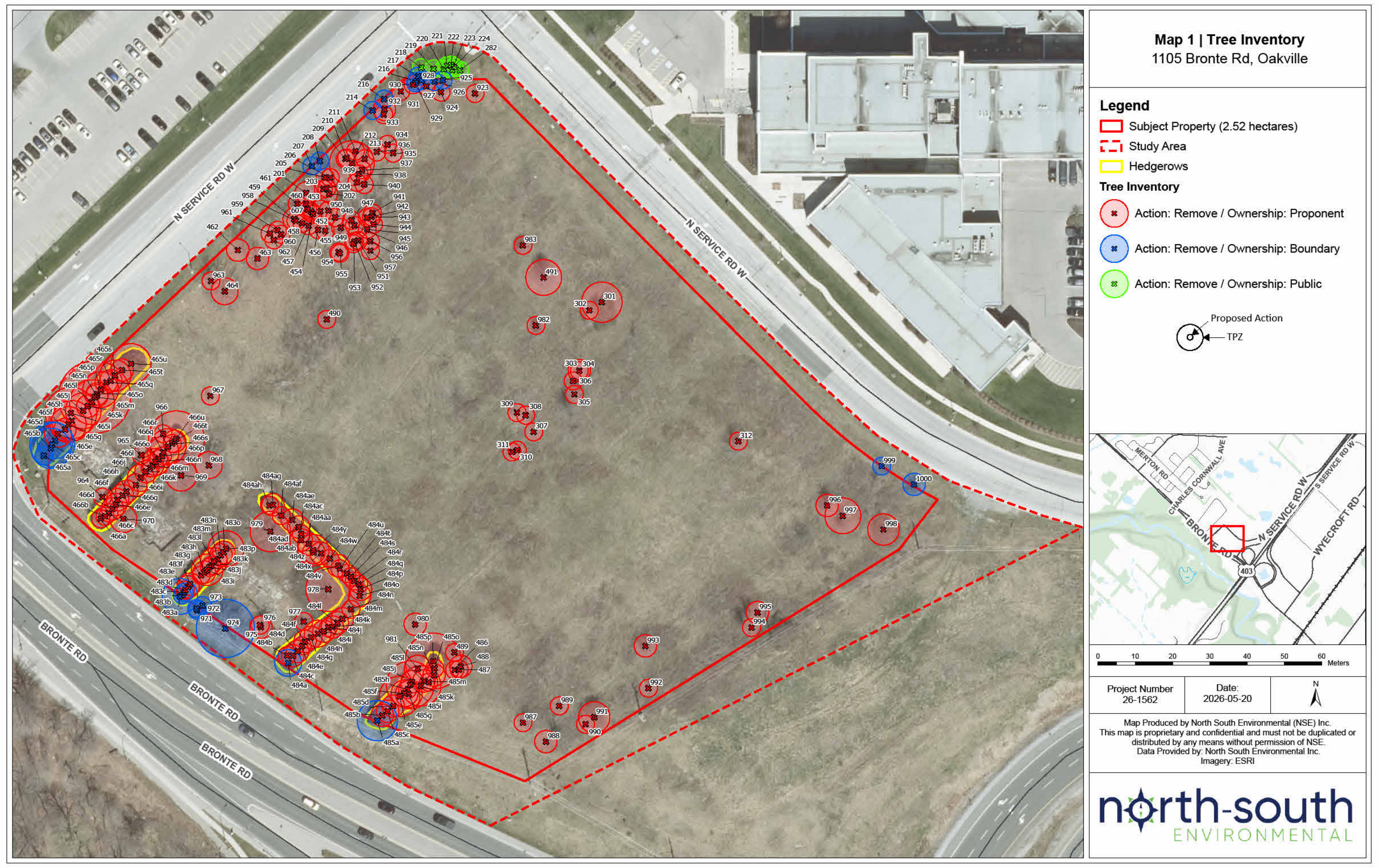
INFORMATION ON THIS SHEET IS EXERTED FROM THE ARBORIST REPORT - 1105 BRONTE RD, OAKVILLE, ON, COMPLETED BY NORTH-SOUTH ENVIRONMENTAL INC. MAY 20 2026



Map 1 | Tree Inventory
1105 Bronte Rd, Oakville

Legend
- 🟥 Subject Property (2.52 hectares)
- ▭ Study Area
- 🟨 Hedgerows

Tree Inventory
- ● Action: Remove / Ownership: Proponent
- ● Action: Remove / Ownership: Boundary
- ● Action: Remove / Ownership: Public

Proposed Action
TPZ

Project Number	Date:
26-1562	2026-05-20

Map Produced by North South Environmental (NSE) Inc.
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Data Provided by: North South Environmental Inc.
Imagery: ESRI

Table 2. Summary of Trees Inventoried

Scientific Name	Common Name	Tree Vigor Class						Total
		Excellent	Good	Fair	Poor	Very Poor	Dead	
Acer platanoides	Norway Maple	1		1				2
Acer rubrum	Red Maple		1	1				2
Betula papyrifera	Paper Birch			1				1
Fraxinus americana	White Ash		1	3	3	3	1	11
Fraxinus pennsylvanica	Green Ash		2	2	2	9	1	16
Juglans nigra	Black Walnut		3					3
Malus baccata	Siberian Crabapple		2					2
Morus alba	White Mulberry		1	2				3
Populus balsamifera	Balsam Poplar		1					1
Populus deltoides	Eastern Cottonwood		3					3
Populus grandidentata	Large-toothed Aspen	2	1					3
Populus tremuloides	Trembling Aspen	7	53	7	1		1	69
Prunus serotina	Black Cherry		2					2
Pyrus communis	Common Pear			1				1
Quercus macrocarpa	Bur Oak		4					4
Quercus rubra	Northern Red Oak		4					4
Rhamnus cathartica	European Buckthorn		1					1
Rhus typhina	Staghorn Sumac	1	1					2
Salix amygdaloides	Peach-leaved Willow		1					1
Syringa sp.	Lilac sp.			1				1
Thuja occidentalis	Eastern White Cedar		91	14	1	1	1	108
Grand Total		**11**	**172**	**33**	**7**	**13**	**4**	**240**

4.2. Crown Canopy Loss

Total canopy loss calculated for 240 trees to be removed was 4,575.82 m² (**Table 3**). The species with the highest canopy loss were Eastern White Cedar (1,233.88 m²), followed by Trembling Aspen (889.42 m²)

Table 3. Summary of Area of Canopy Cover Loss by species.

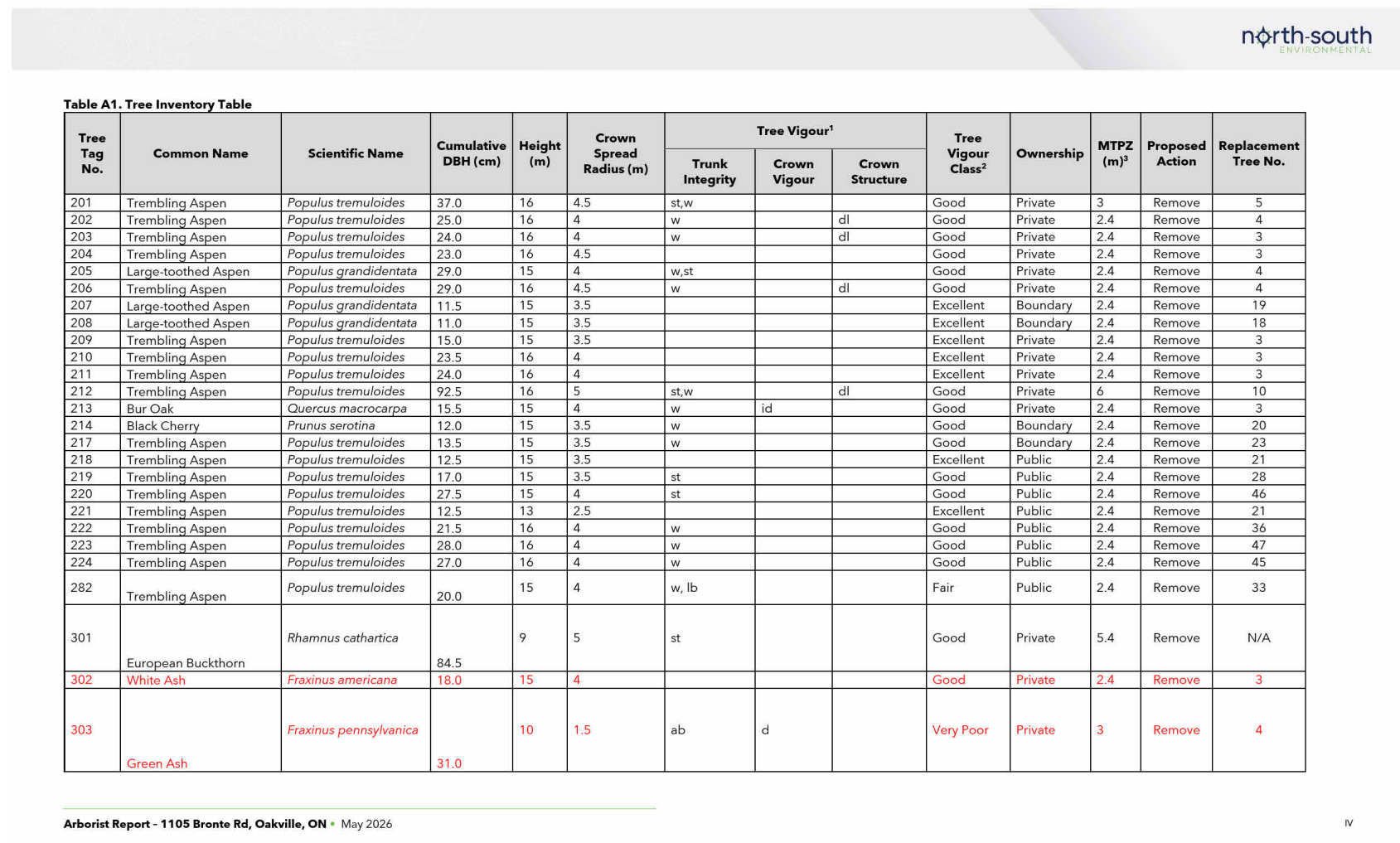
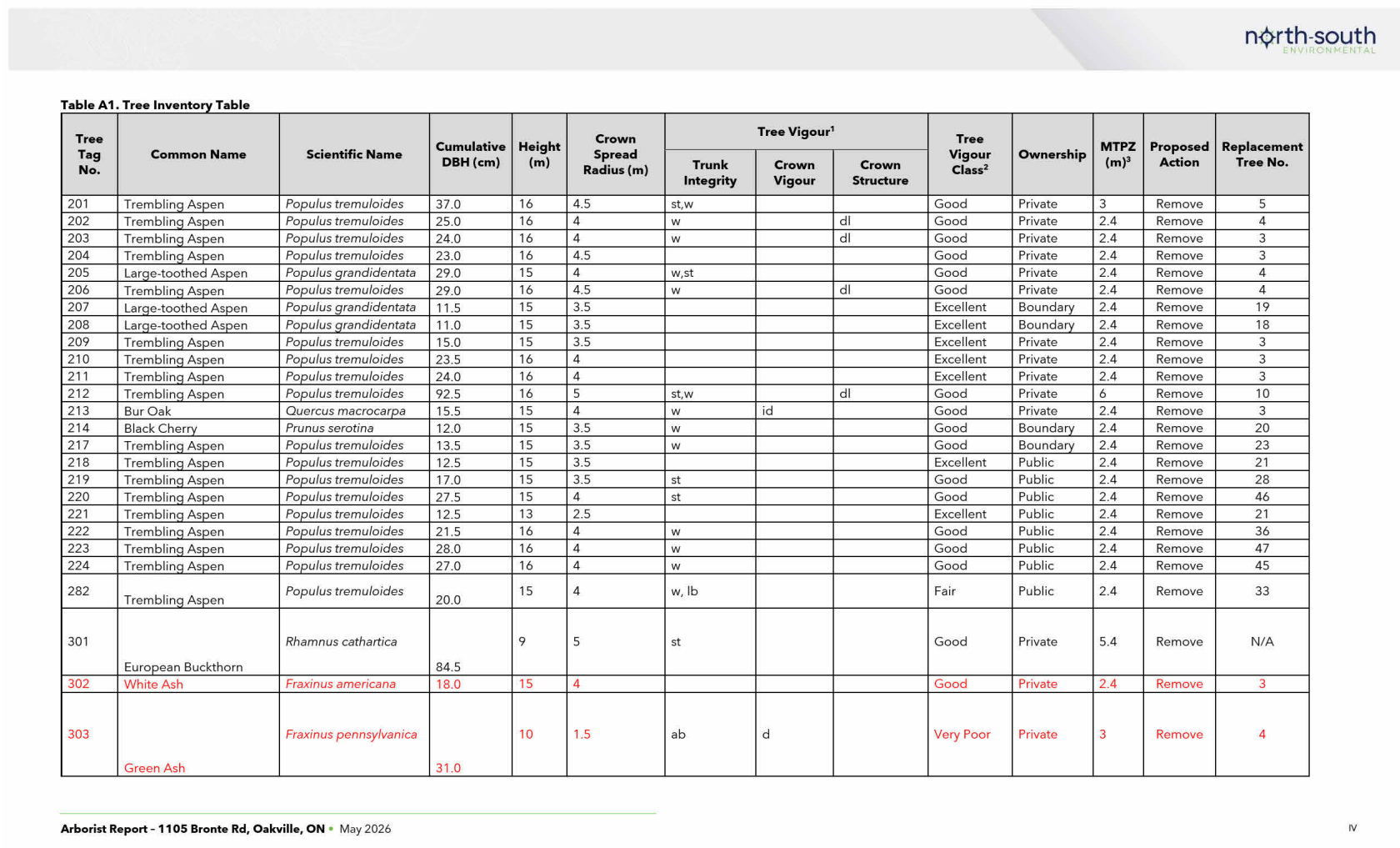
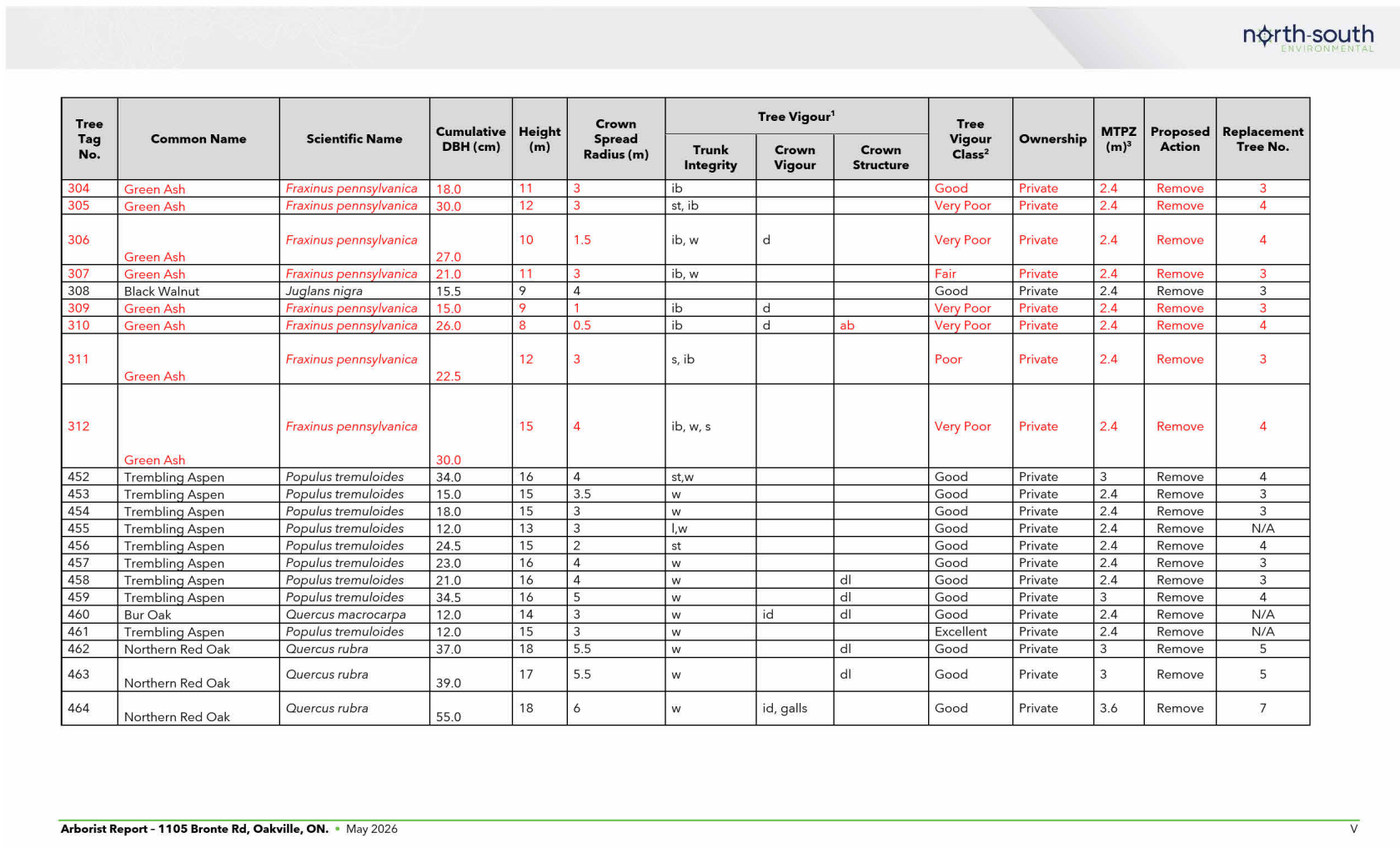
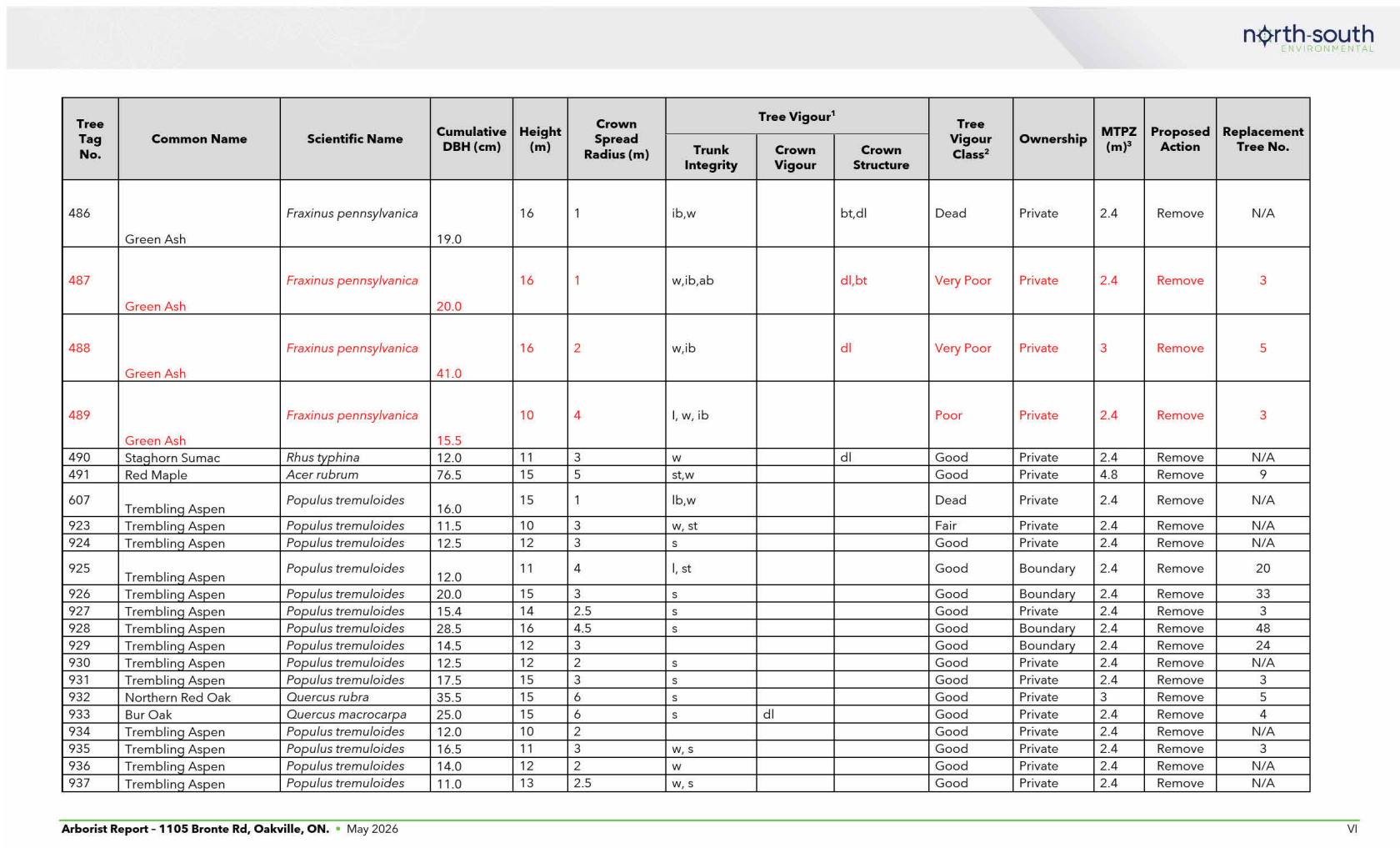
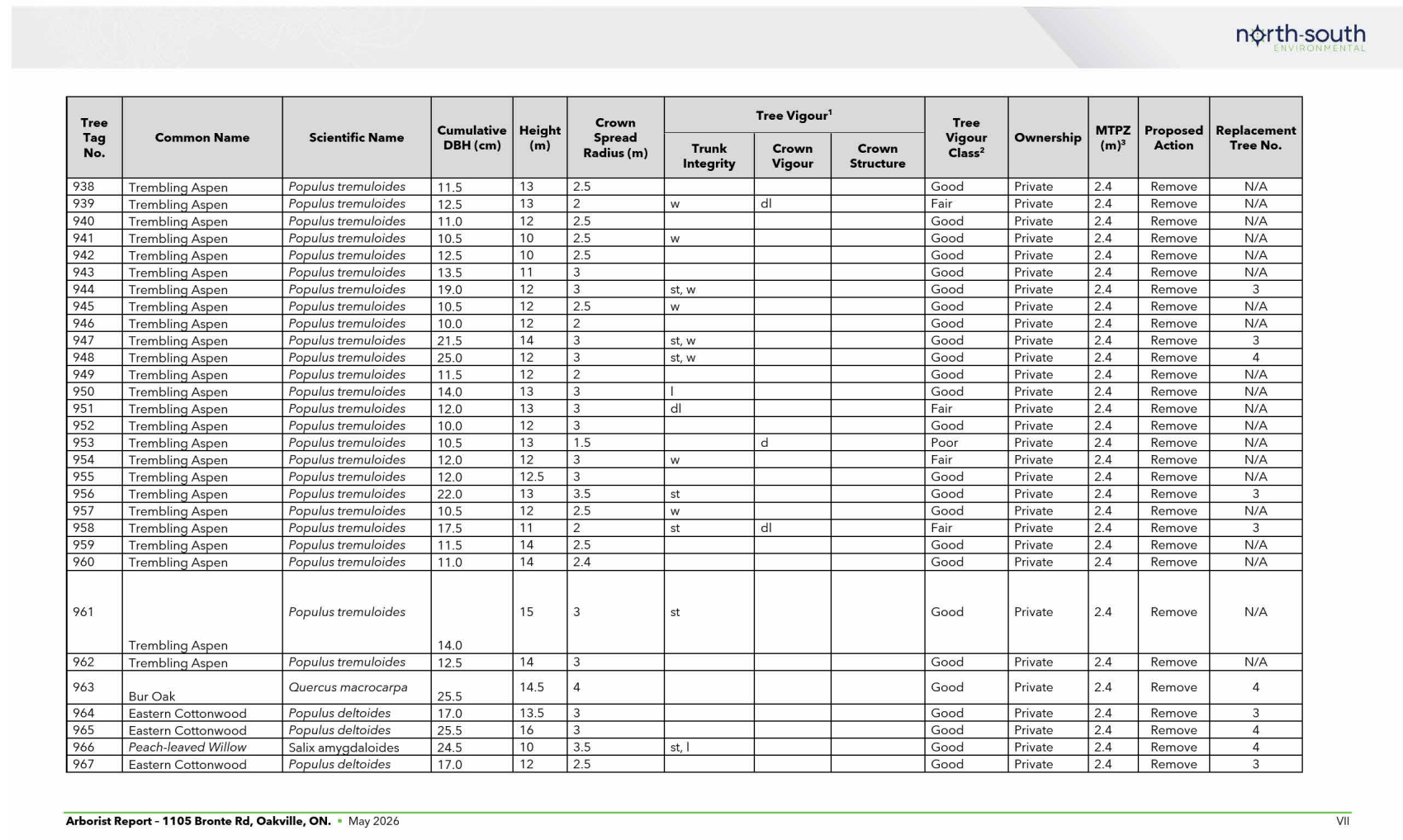
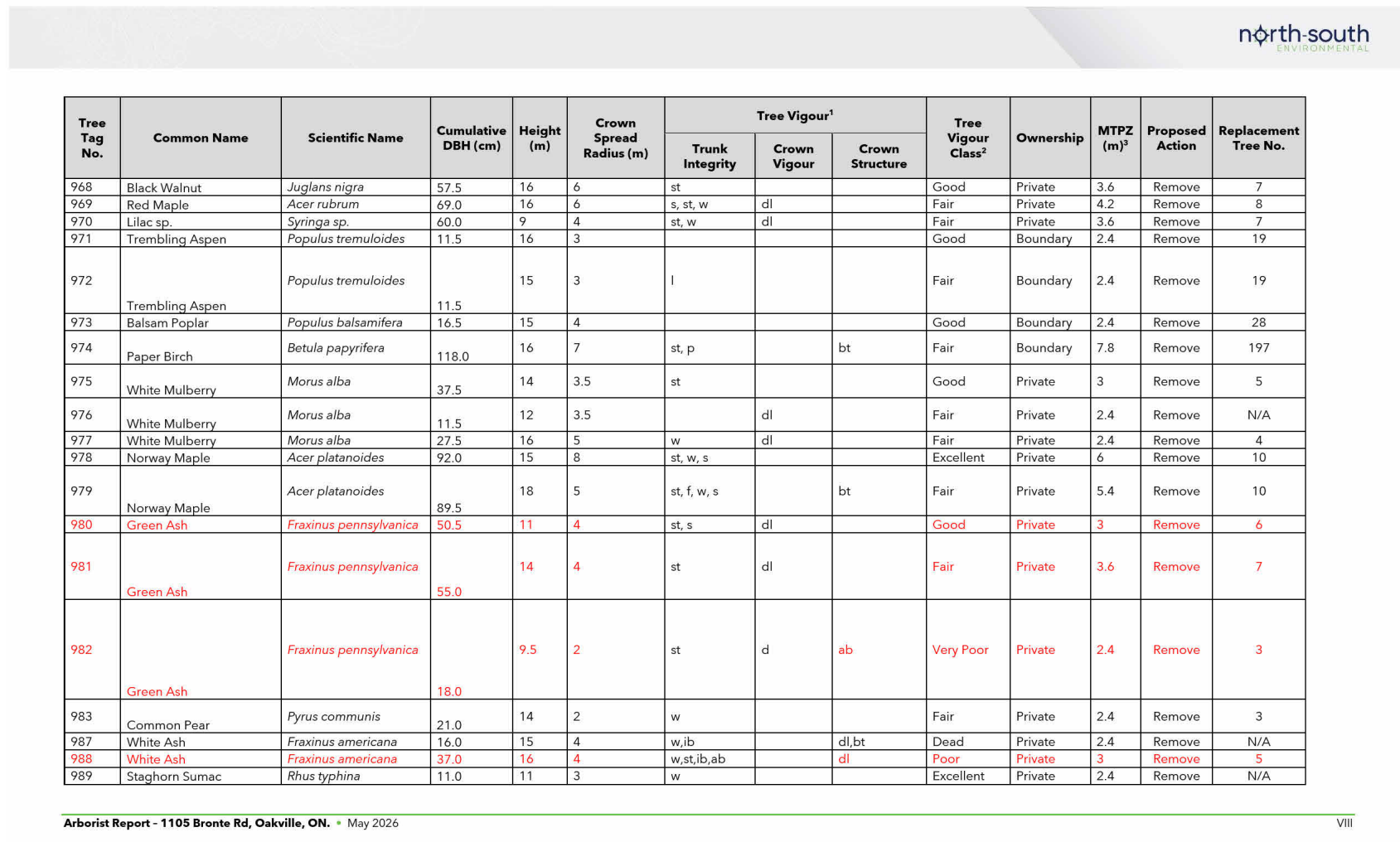
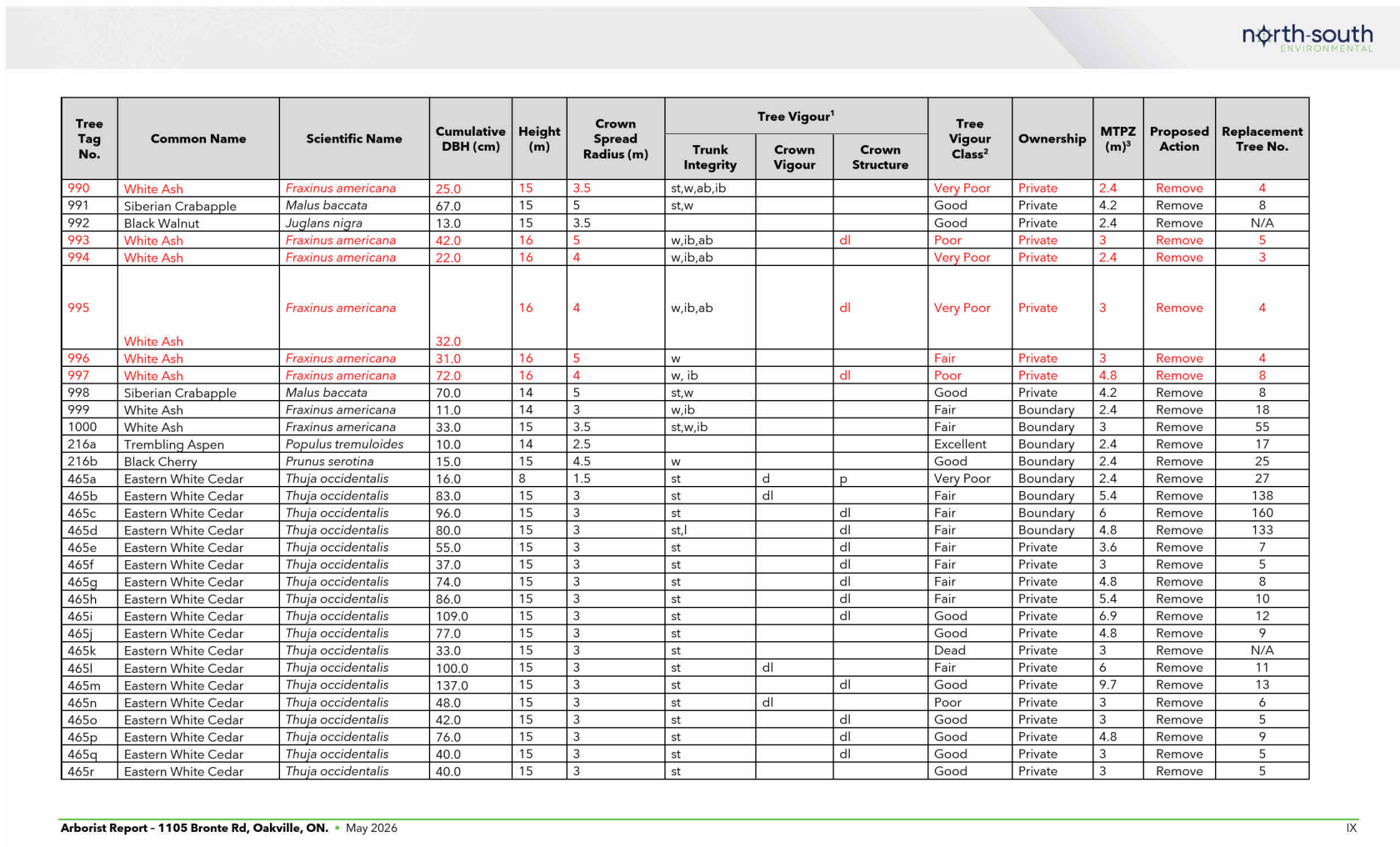
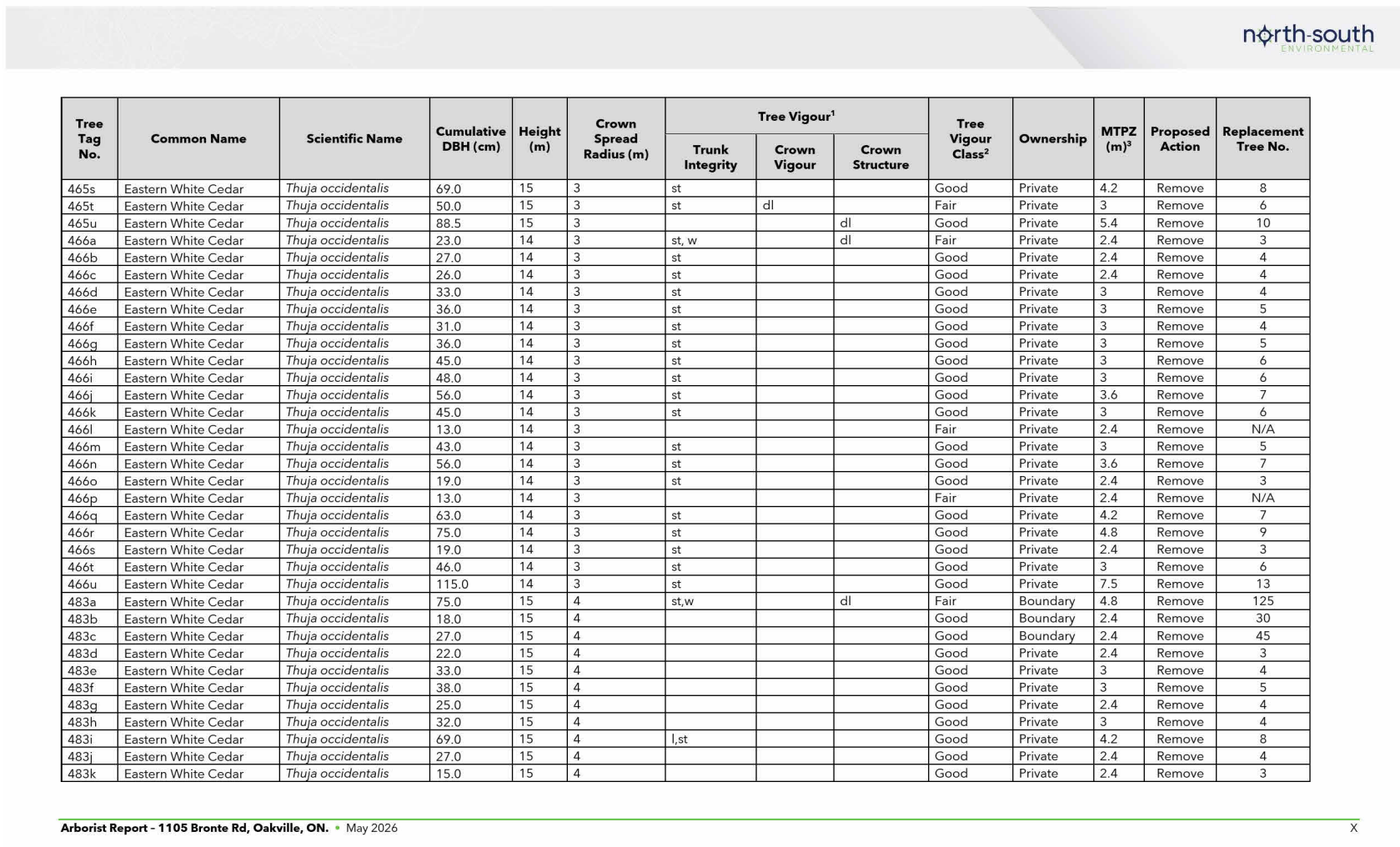
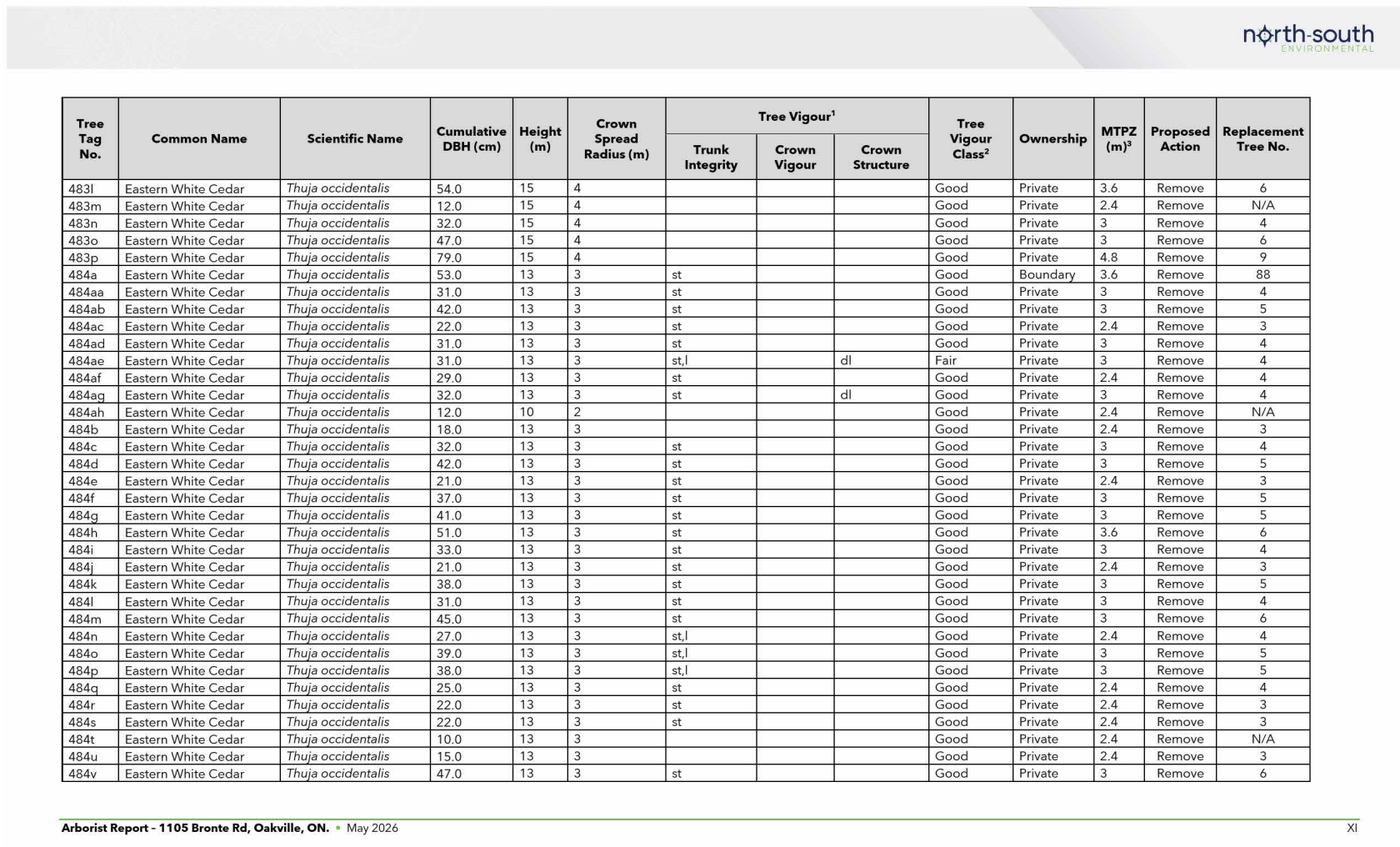
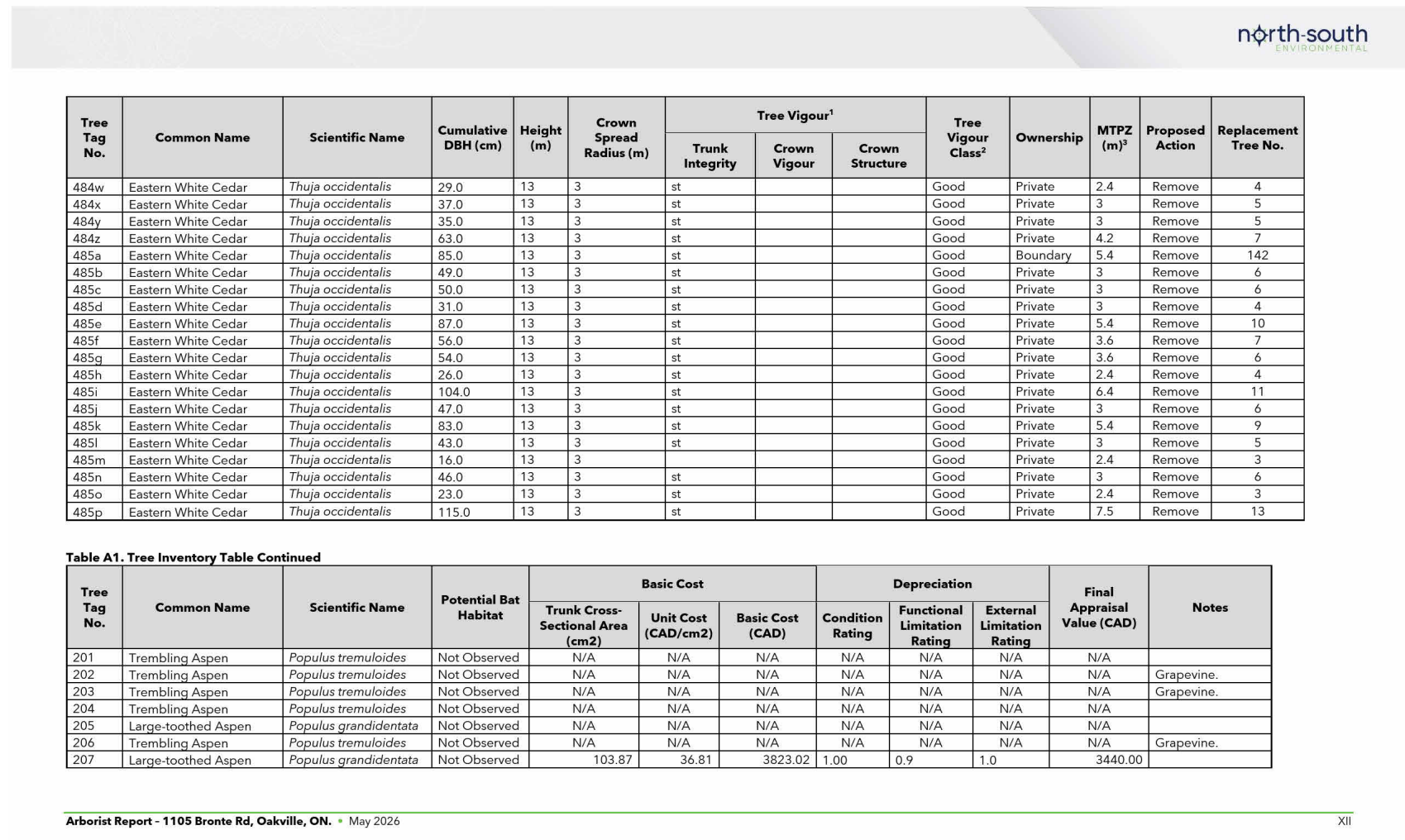
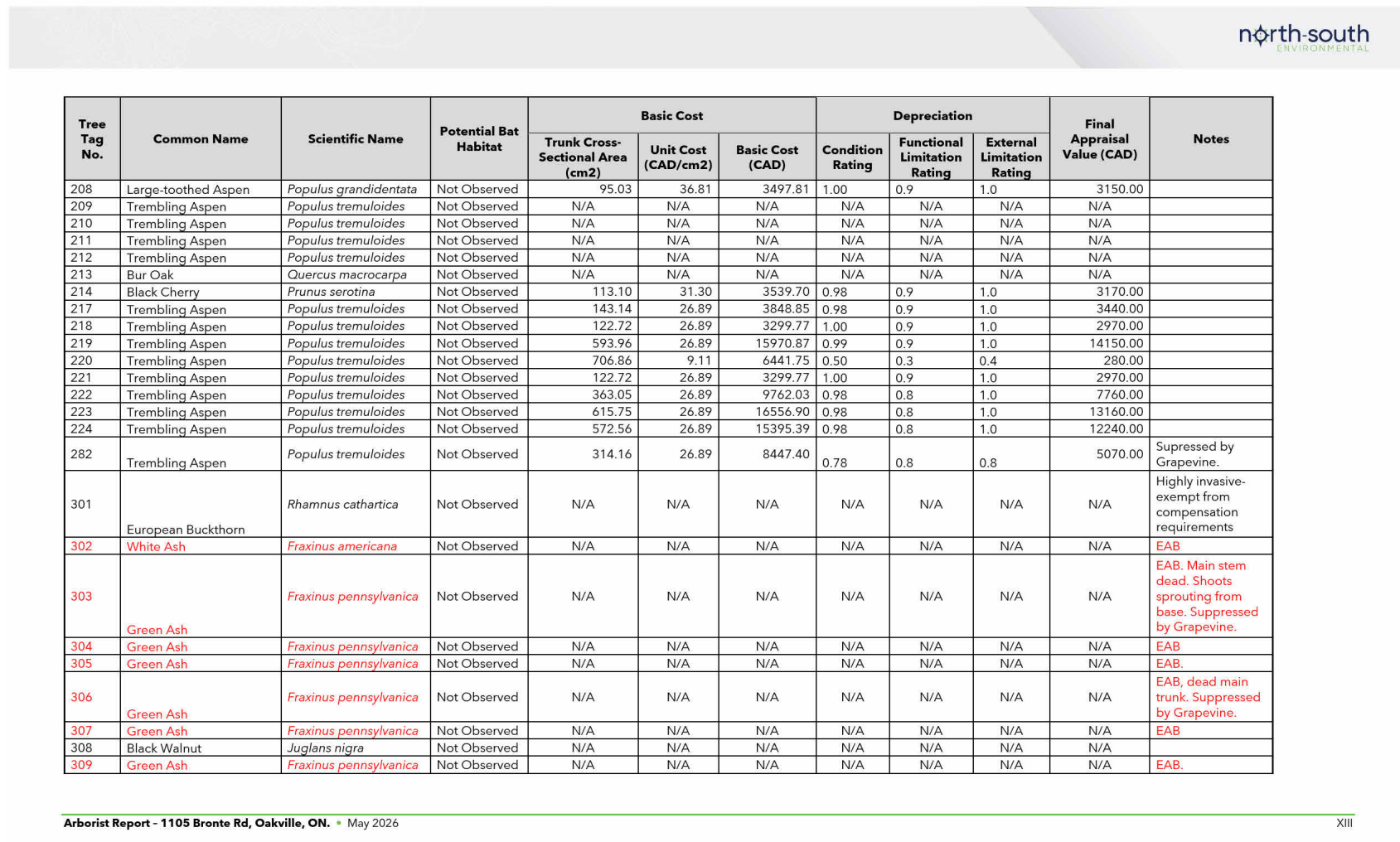
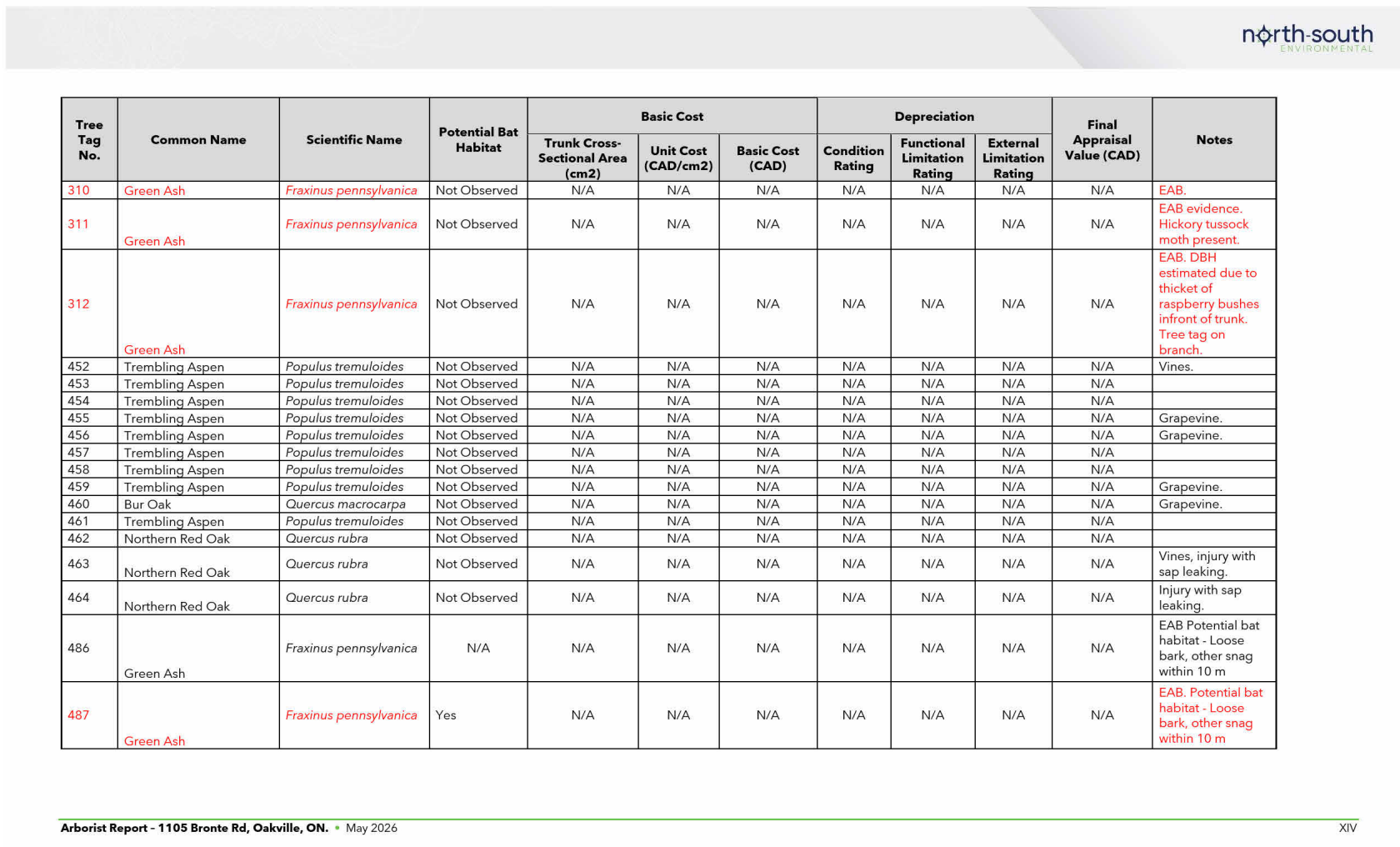
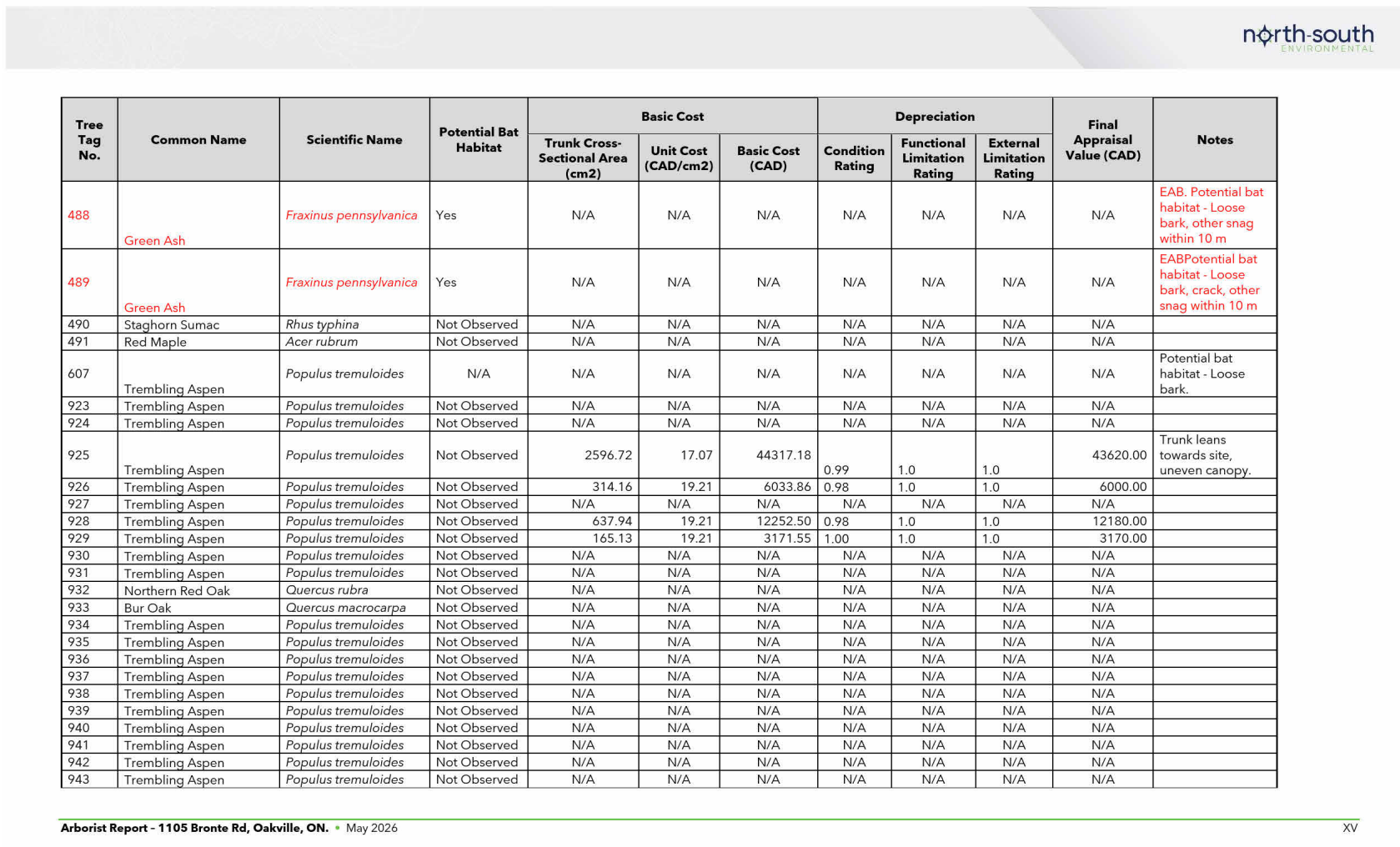
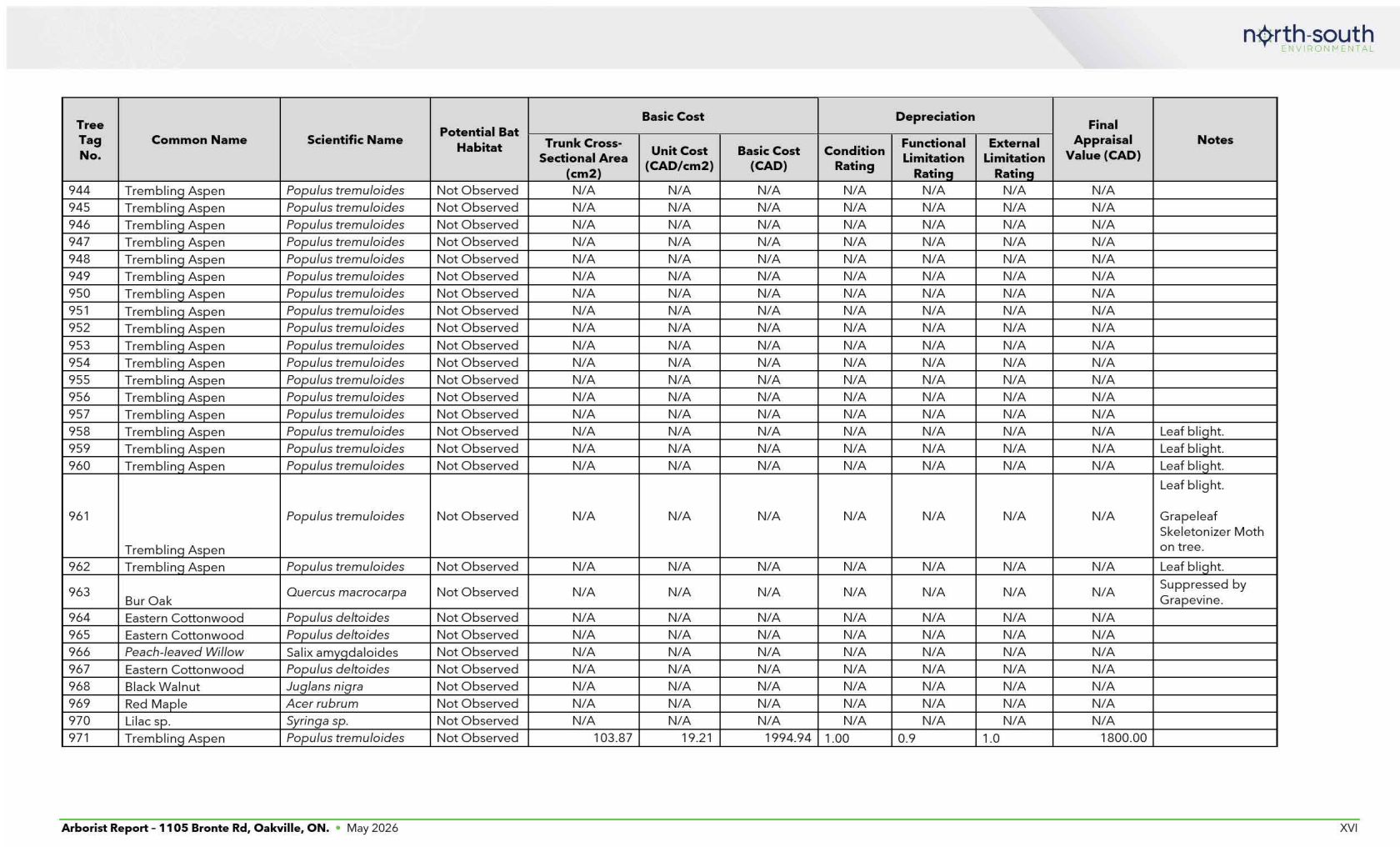
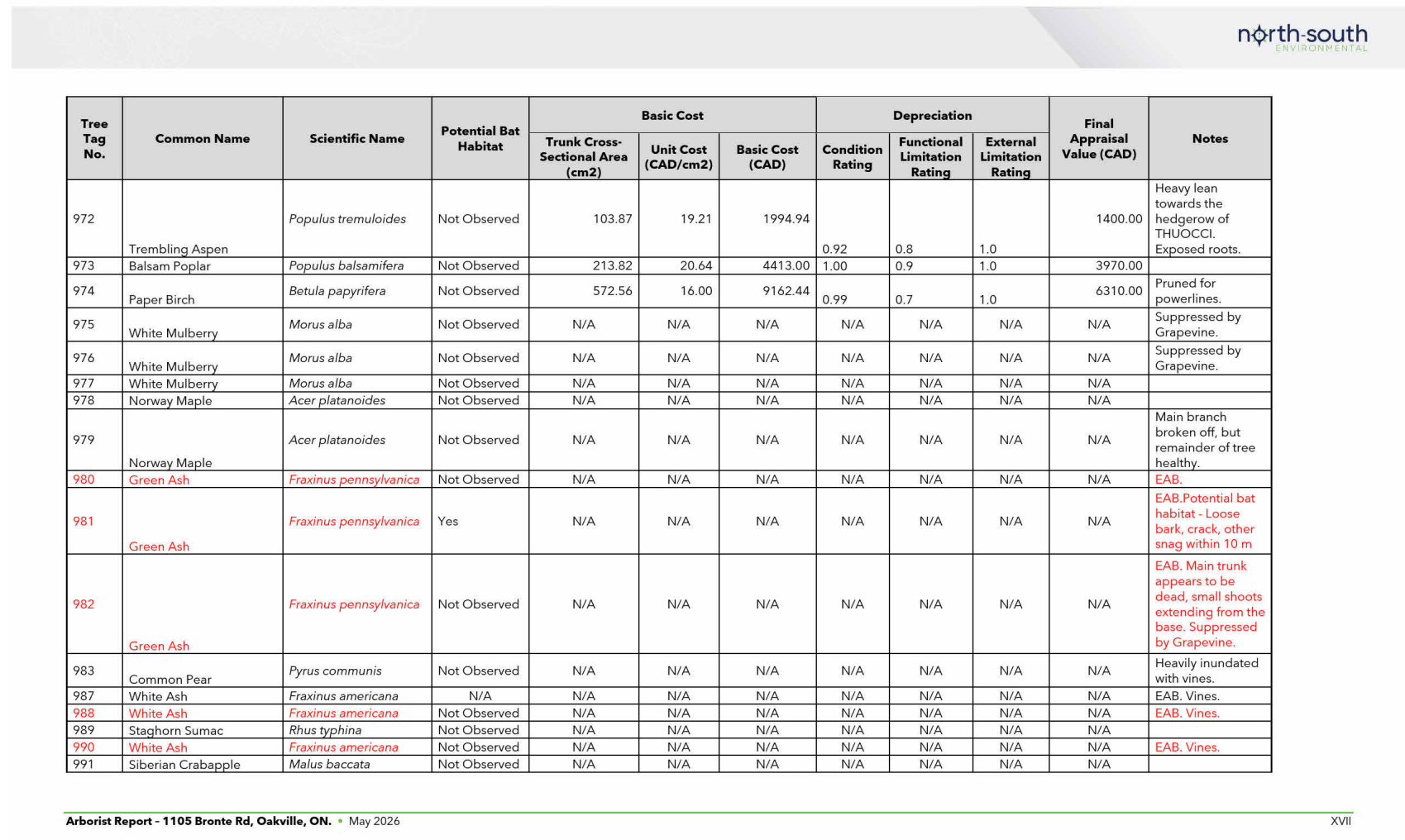
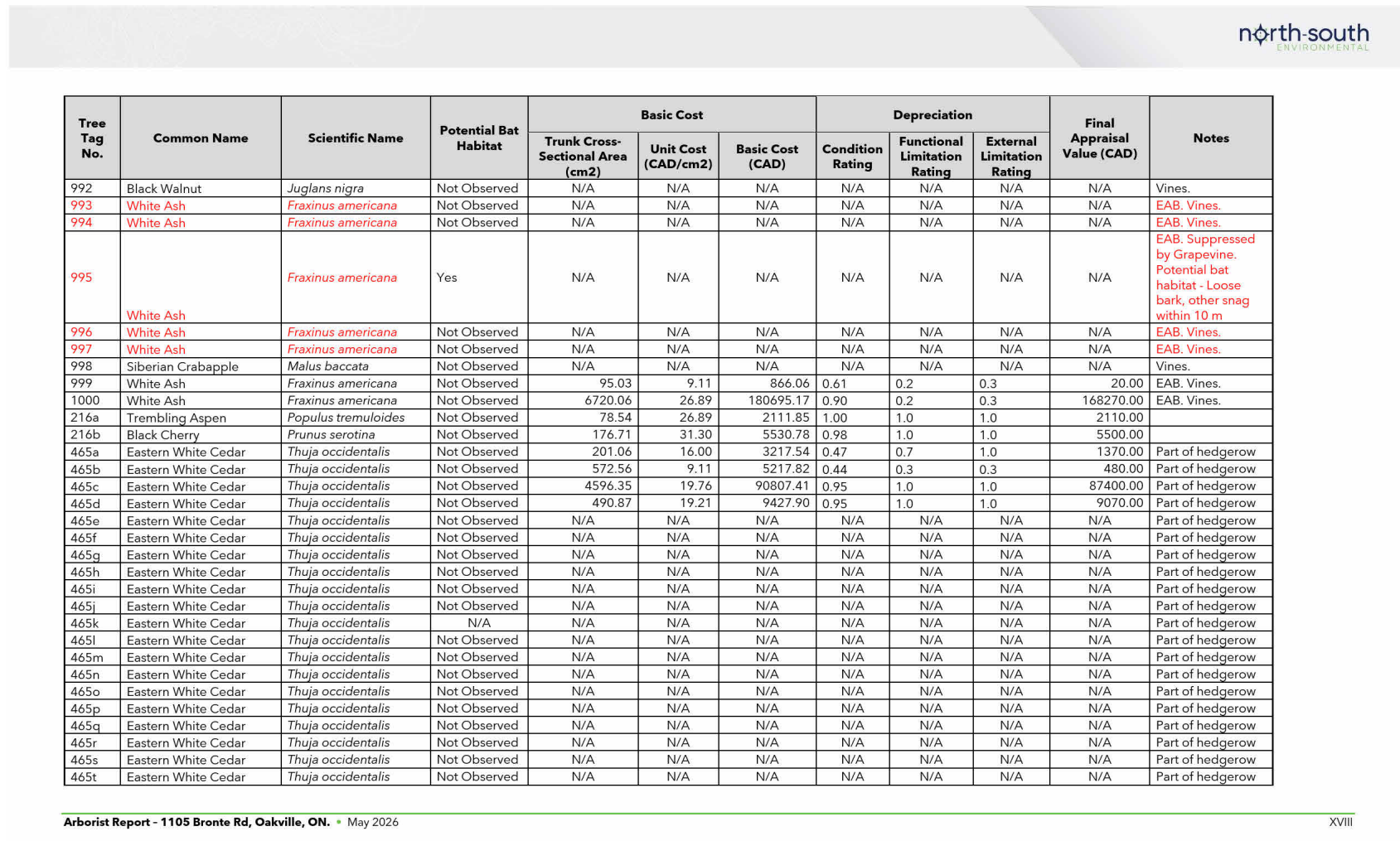
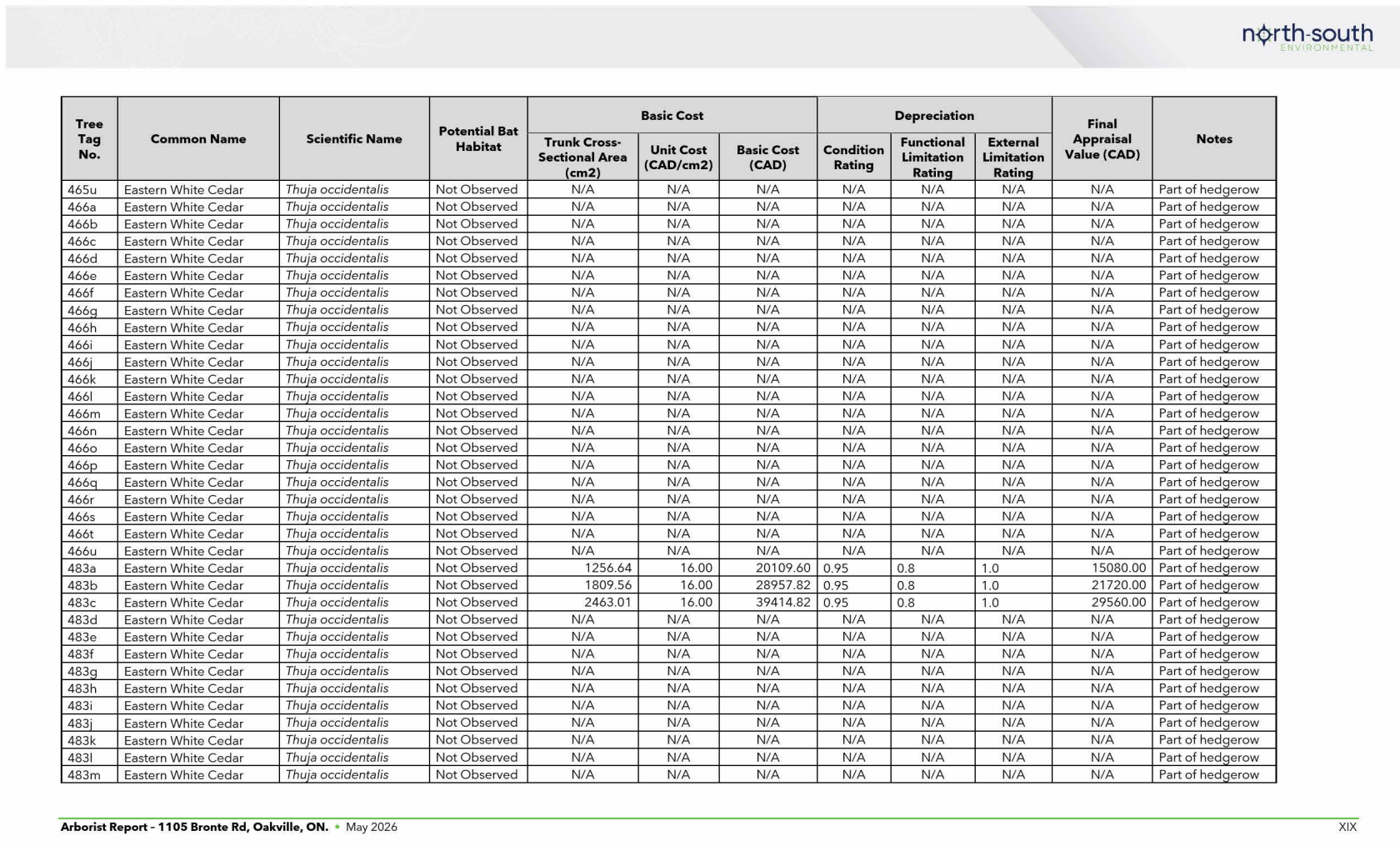
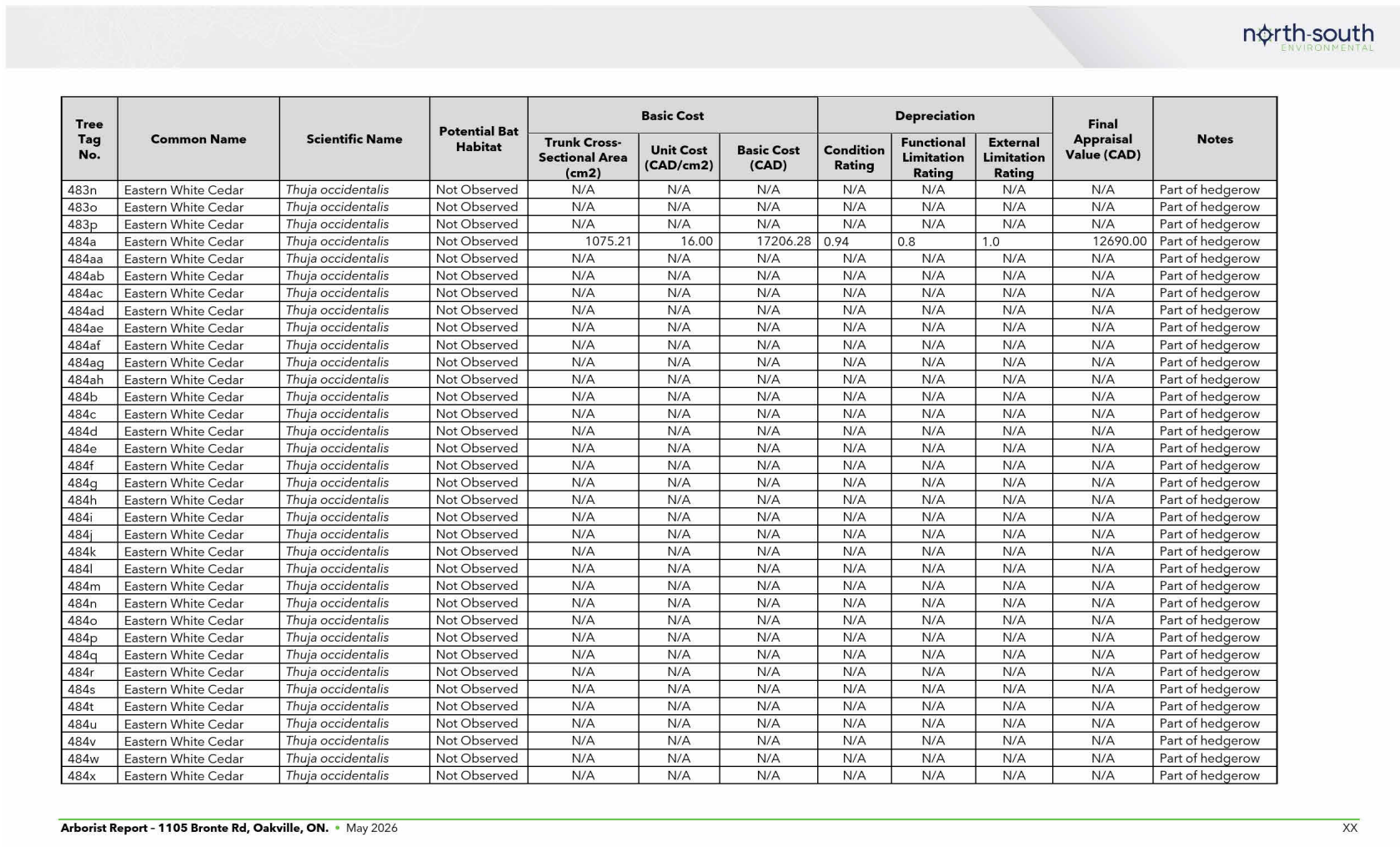
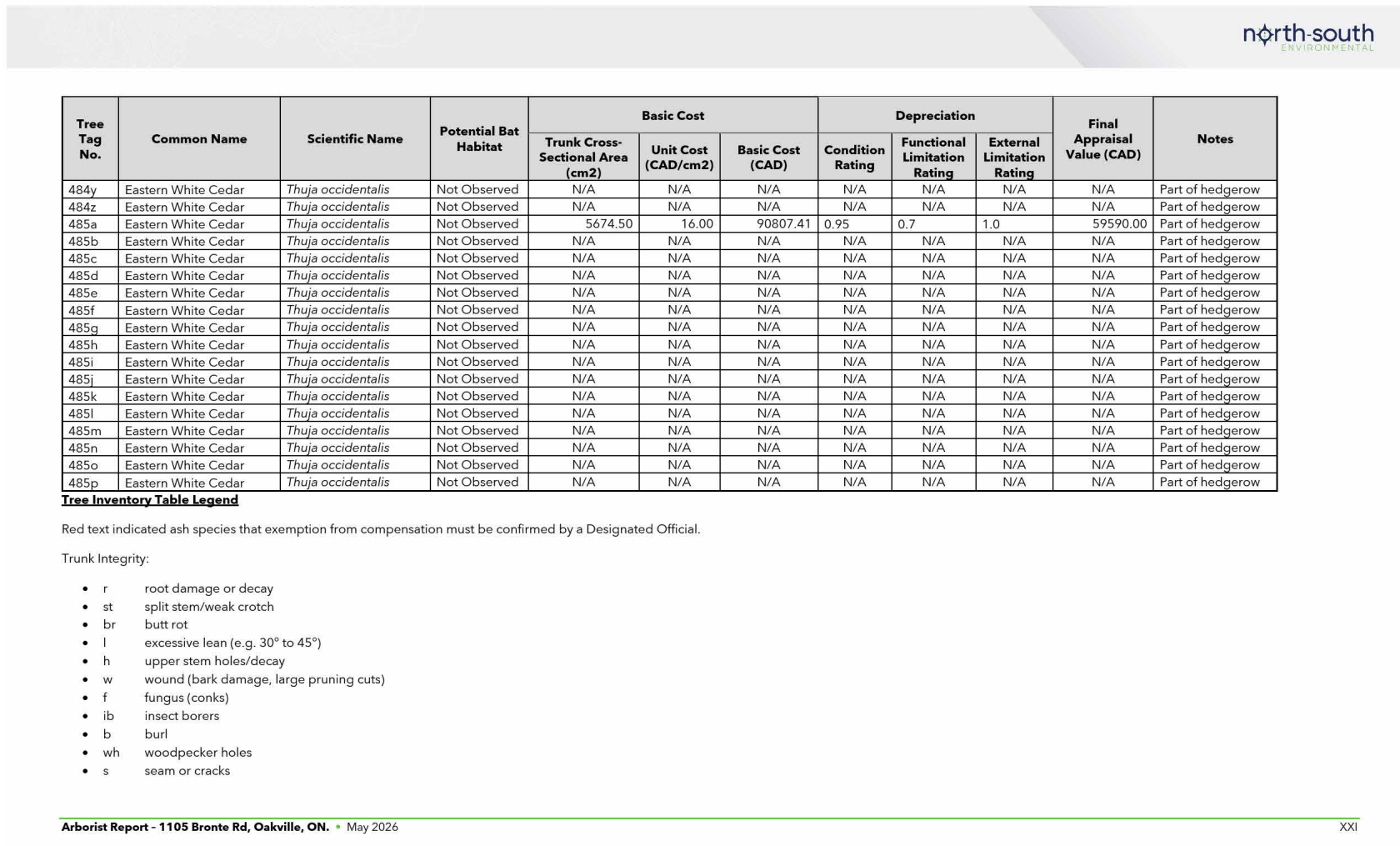
Scientific Name	Common Name	Number of Trees Removed	Canopy Cover Loss (m)²
Acer platanoides	Norway Maple	2	140.38
Acer rubrum	Red Maple	2	157.43
Betula papyrifera	Paper Birch	1	149.12
Fraxinus americana	White Ash	11	512
Fraxinus pennsylvanica	Green Ash	16	328.11
Juglans nigra	Black Walnut	3	166.87
Malus baccata	Siberian Crabapple	2	132.5
Morus alba	White Mulberry	3	101.92
Populus balsamifera	Balsam Poplar	1	27.7
Populus deltoides	Eastern Cottonwood	3	23.85
Populus grandidentata	Large-toothed Aspen	3	67.01
Populus tremuloides	Trembling Aspen	69	63.45
Prunus serotina	Black Cherry	2	889.42
Pyrus communis	Common Pear	1	62.49
Quercus macrocarpa	Bur Oak	4	12.57
Quercus rubra	Northern Red Oak	4	116.16
Rhamnus cathartica	European Buckthorn	1	238.58
Rhus typhina	Staghorn Sumac	2	58.86
Salix amygdaloides	Peach-leaved Willow	1	56.55
Syringa sp.	Lilac sp.	1	36.97
Thuja occidentalis	Eastern White Cedar	108	1233.88
Total		240	4575.82

4.3. Trees of Special Significance

No Species at Risk trees were inventoried or incidentally encountered during the tree inventory. Trees may provide habitat for Species at Risk birds or bats and mitigation for potential SAR habitat is discussed in further sections. No formal bat habitat assessment was completed; however, some incidental notes on potential habitat can be found in the Tree Inventory Table (**Appendix 2**). No Heritage Trees were present on the property (Forests Ontario, 2026).

5. Recommended Action and Compensation

All 240 trees that were inventoried are identified to be removed (see **Table 2** for summary). Of these, 43 are exempt from compensation requirements. One is exempt from compensation requirements as a highly invasive species, European Buckthorn. Forty-two trees are exempt from compensation requirements since they are private trees less than 15 cm DBH. Additionally, twenty-three ash trees identified as private trees infested with Emerald Ash Borer may be exempt is approved by the Designated Official.

NOT FOR CONSTRUCTION

Issued

No.	Date	Description
1	01/23/2026	Issued for SPA
2	02/11/2026	Issued for SPA - R1
3	02/27/2026	Issued for 90% Design Development
4	03/13/2026	Issued for 100% Design Development
5	05/22/2026	Issued for 30% Construction Documents
6	06/05/2026	Issued for SPA Resubmission No. 1

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SP.1530.019
25003

Arborist Plan

L102a

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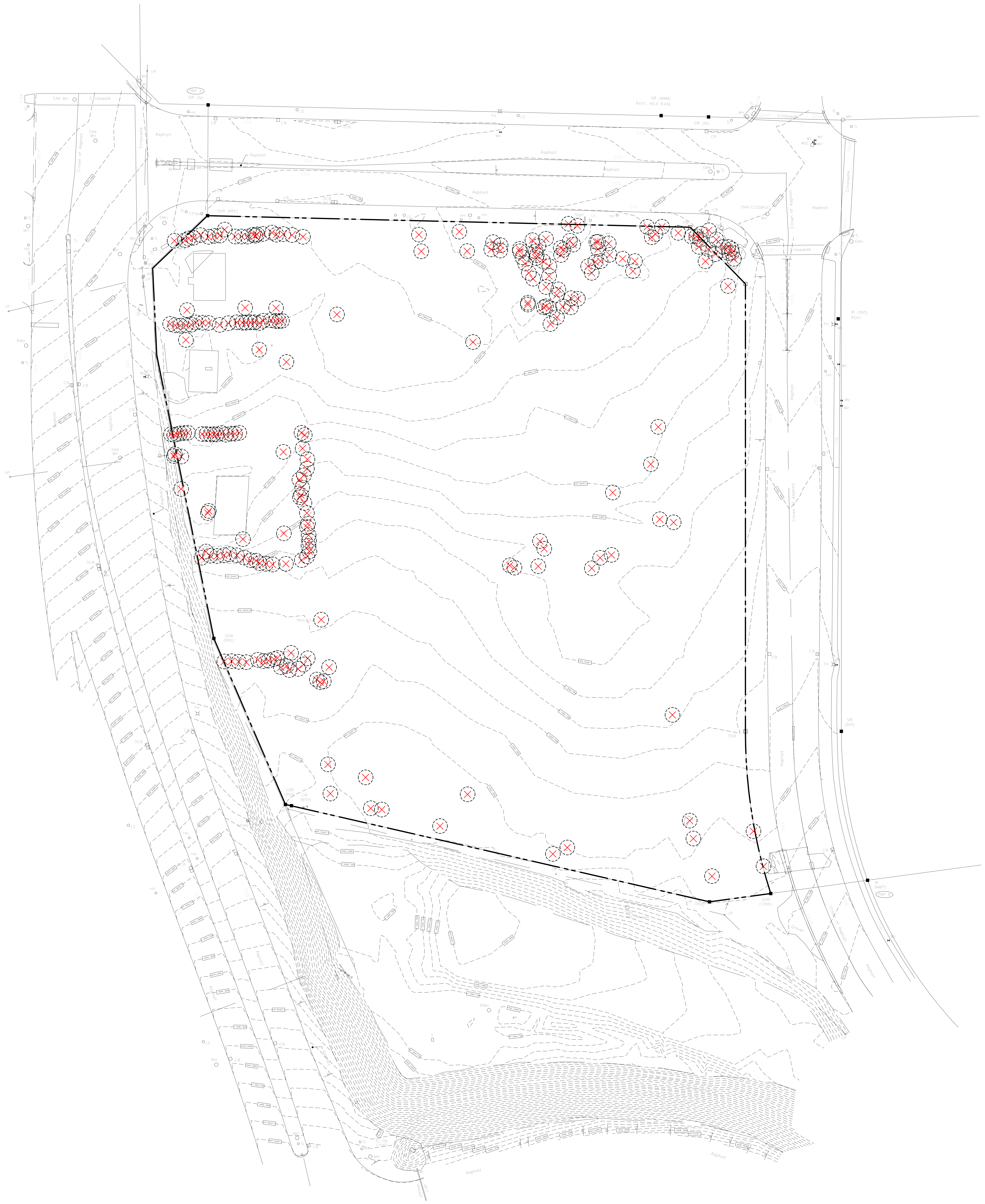

PROPOSED TREE REMOVAL

TREE REMOVAL

NOTE: ALL EXISTING TREES TO BE REMOVED. SEE L102a - ARBORIST PLAN BY NORTH SOUTH ENVIRONMENTAL FOR EXISTING TREE SCHEDULE.

NUMBER OF TREES REMOVED: 240
NUMBER OF PROPOSED TREES: 144

Halton
REGION

diamond schmitt

gh3*

Issued

No.	Date	Description
1	02/11/2026	Issued for SPA - R1
2	02/27/2026	Issued for 90% Design Development
3	03/13/2026	Issued for 100% Design Development
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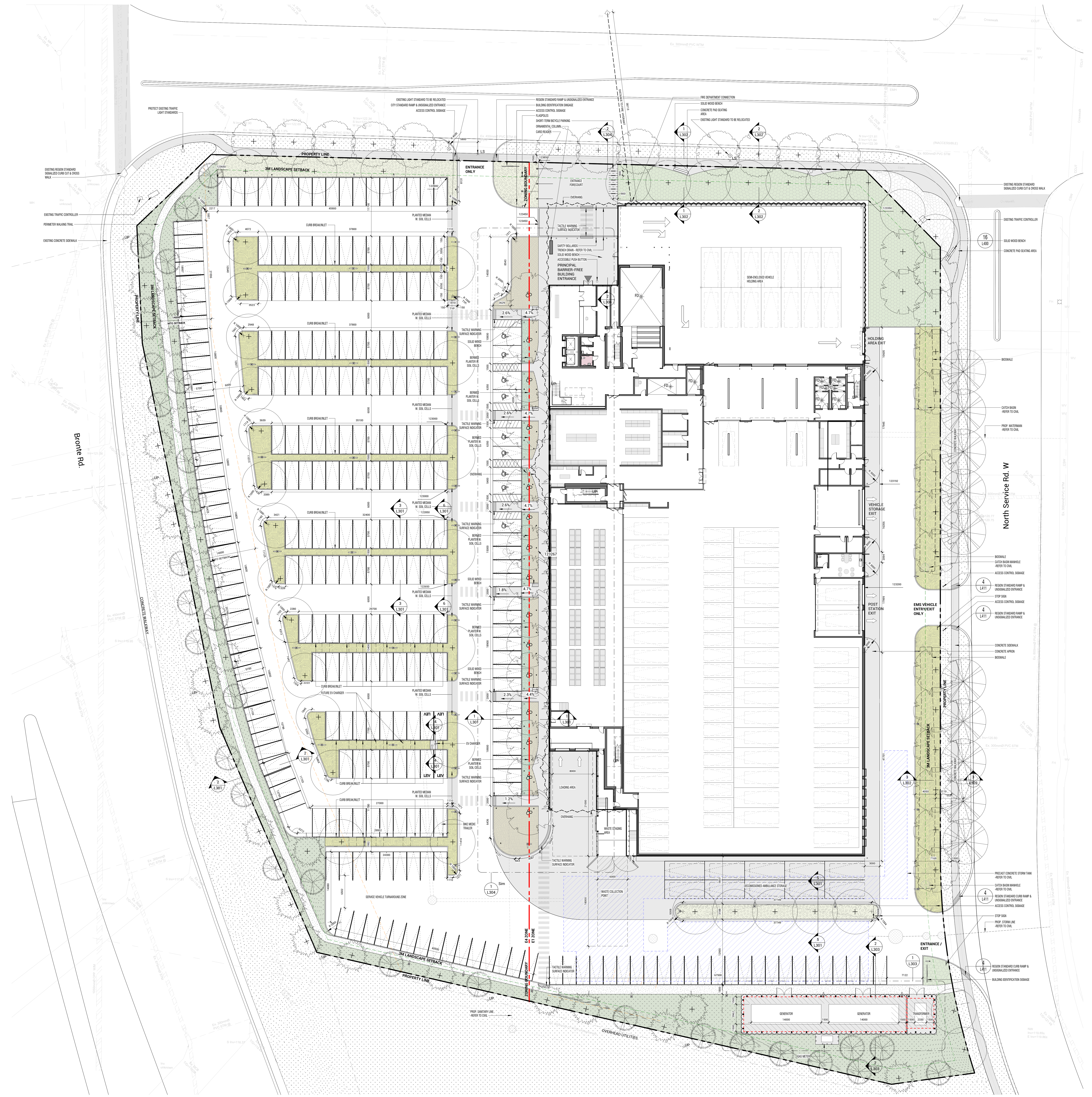
Tree Removal Plan
As indicated

L102b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CITY STANDARD RAMP & UNSIGNALIZED ENTRANCE
ACCESS CONTROL SIGNAGE
REGION STANDARD RAMP & UNSIGNALIZED ENTRANCE
BUILDING IDENTIFICATION SINGAGE
ACCESS CONTROL SIGNAGE
FLAGPOLES
SHORT-TERM BICYCLE PARKING
ORNAMENTAL COLUMN
CARD READER
FIRE DEPARTMENT CONNECTION
SOLID WOOD BENCH
CONCRETE PAD SEATING AREA
EXISTING LIGHT STANDARD TO BE RELOCATED
DISTANCE TO FIRE HYDRANT
38113
PROTECT EXISTING TRAFFIC LIGHT STANDARDS
EXISTING REGION STANDARD SIGNALIZED CURB CUT & CROSS WALK
EXISTING TRAFFIC CONTROLLER
PERIMETER WALKING TRAIL
EXISTING CONCRETE SIDEWALK
PROPERTY LINE
3M LANDSCAPE SETBACK
ENTRANCE ONLY
ENTRANCE FORECOURT
ZONING BOUNDARY
PRINCIPAL BARRIER-FREE BUILDING ENTRANCE
SEMI-ENCLOSED VEHICLE HOLDING AREA
HOLDING AREA EXIT
VEHICLE STORAGE EXIT
POST STATION EXIT
EMS VEHICLE ENTRY/EXIT ONLY
LOADING AREA
WASTE STAGING AREA
WASTE COLLECTION POINT
DECOMMISSIONED AMBULANCE STORAGE
SERVICE VEHICLE TURNAROUND ZONE
ENTRANCE / EXIT
GENERATOR
TRANSFORMER
OVERHEAD UTILITIES
EA ZONE
E1 ZONE
Bronte Rd.
North Service Rd. W
CONCRETE WALKWAY
EXISTING REGION STANDARD SIGNALIZED CURB CUT & CROSS WALK
EXISTING TRAFFIC CONTROLLER
16
L400
SOLID WOOD BENCH
CONCRETE PAD SEATING AREA
BIOSWALE
CATCH BASIN -REFER TO CIVIL
PROP. WATERMAIN -REFER TO CIVIL
PRECAST CONCRETE STORM TANK -REFER TO CIVIL
CATCH BASIN MANHOLE -REFER TO CIVIL
REGION STANDARD CURB RAMP & UNSIGNALIZED ENTRANCE
ACCESS CONTROL SIGNAGE
STOP SIGN
PROP. STORM LINE -REFER TO CIVIL
BUILDING IDENTIFICATION SIGNAGE
PROP. SANITARY LINE -REFER TO CIVIL
CURB BREAK/INLET
PLANTED MEDIAN W. SOIL CELLS
TACTILE WARNING SURFACE INDICATOR
SOLID WOOD BENCH
BERMED PLANTER W. SOIL CELLS
FUTURE EV CHARGER
EV CHARGER
BIKE MEDIC TRAILER
OVERHANG

Landscape Plan
1 : 250

1
L103

HARDSCAPE AND SOFTSCAPE AREAS (ON PROPERTY)

TYPE	AREA
HARDSCAPE	13190 m²
SOFTSCAPE	4250 m²
	17440 m²

TOTAL SITE AREA: ***25,144m²***
LANDSCAPED AREA: ***4,260m²***

LANDSCAPE COVERAGE RATIO: ***16.9%***

LEGEND

Landscape Plan Symbols

—	PROPERTY LINE
—	ZONING BOUNDARY
– – –	MTO SETBACK
– – –	LANDSCAPE SETBACK
▲	MAIN ENTRANCE
▲	PEDESTRIAN ENTRY/ EXIT
⇨	VEHICULAR ENTRY/ EXIT
○	SECURITY BOLLARD
○LS	EXISTING LIGHT STANDARD
⊟	NEW LIGHT STANDARD
○	BOLLARD LIGHTING
○UP	UTILITY POLE
⊟	EV CHARGER
Y	SIAMESE CONNECTION
▩	TACTILE WARNING STRIP
⊗	UTILITY COVERS
☐	ASPHALT PAVING
▨	HIGH ALBEDO CONCRETE PAVING
▦	PERMEABLE PAVING
🟩	SOD
▨	PERINNIAL MEADOW MIX
🟩	PERENNIAL GRASSES
🟩	GROUNDCOVER

Halton
REGION

diamond schmitt **gh3***

Elise Shelley

Issued

No.	Date	Description
1	01/23/2026	Issued for SPA
2	02/11/2026	Issued for SPA - R1
3	02/27/2026	Issued for 90% Design Development
4	03/13/2026	Issued for 100% Design Development
5	05/22/2026	Issued for 30% Construction Documents
6	06/05/2026	Issued for Minor Variance Application
7	06/05/2026	Issued for SPA Resubmission No. 1

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SP.1530.019
25003

Landscape Plan
As indicated

L103

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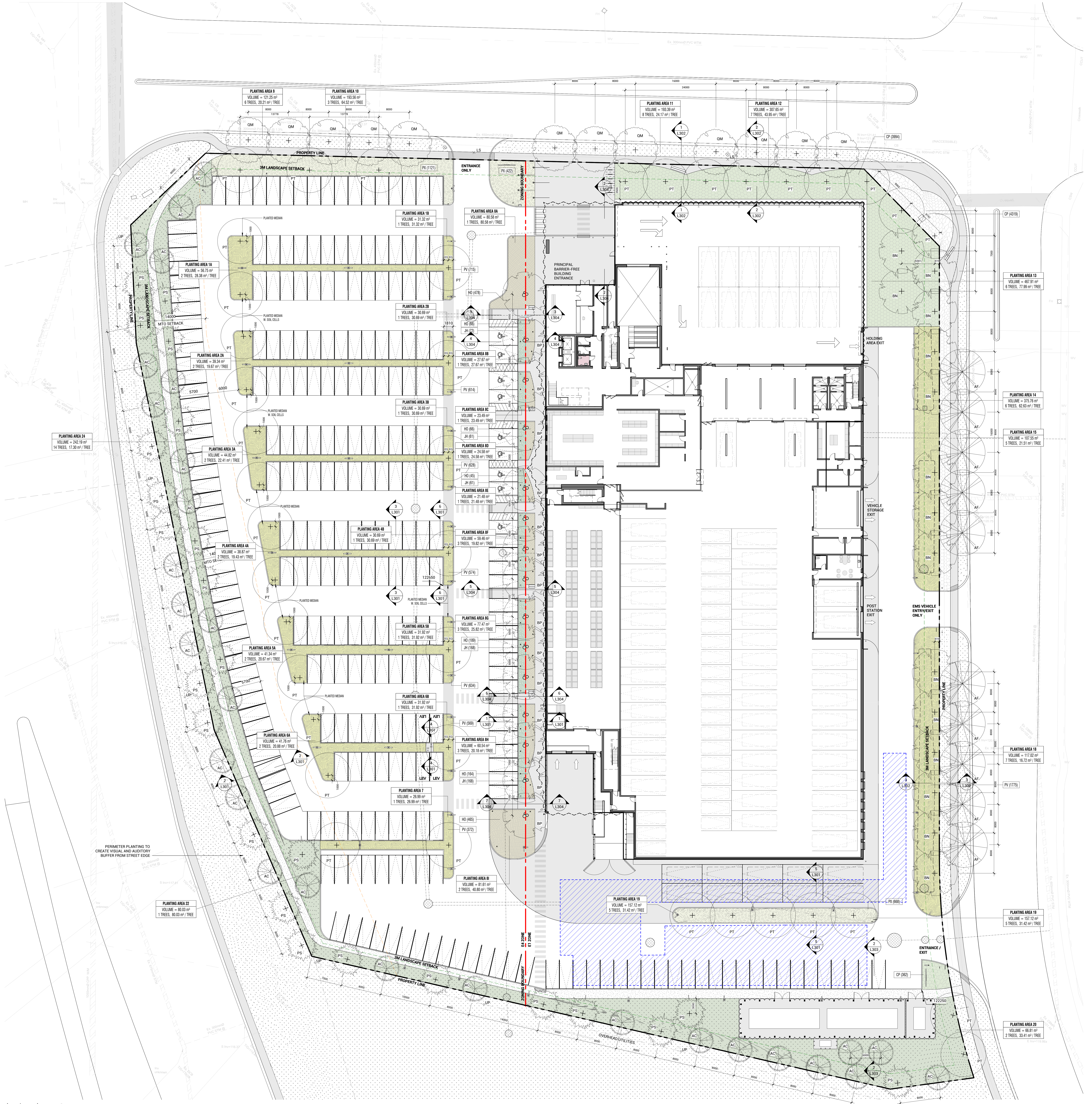
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VOLUME = 121.25 m³
6 TREES, 20.21 m³ / TREE
PLANTING AREA 10
VOLUME = 193.56 m³
3 TREES, 64.52 m³ / TREE
PLANTING AREA 11
VOLUME = 193.39 m³
8 TREES, 24.17 m³ / TREE
PLANTING AREA 12
VOLUME = 307.65 m³
7 TREES, 43.95 m³ / TREE
PROPERTY LINE
3M LANDSCAPE SETBACK
ENTRANCE ONLY
ZONING BOUNDARY
PX (1121)
PX (422)
CP (3994)
CP (4319)
PLANTING AREA 1A
VOLUME = 56.75 m³
2 TREES, 28.38 m³ / TREE
PLANTING AREA 1B
VOLUME = 31.32 m³
1 TREES, 31.32 m³ / TREE
PLANTING AREA 2A
VOLUME = 39.34 m³
2 TREES, 19.67 m³ / TREE
PLANTING AREA 2B
VOLUME = 30.69 m³
1 TREES, 30.69 m³ / TREE
PLANTING AREA 3A
VOLUME = 44.82 m³
2 TREES, 22.41 m³ / TREE
PLANTING AREA 3B
VOLUME = 30.69 m³
1 TREES, 30.69 m³ / TREE
PLANTING AREA 4A
VOLUME = 38.87 m³
2 TREES, 19.43 m³ / TREE
PLANTING AREA 4B
VOLUME = 30.69 m³
1 TREES, 30.69 m³ / TREE
PLANTING AREA 5A
VOLUME = 41.34 m³
2 TREES, 20.67 m³ / TREE
PLANTING AREA 5B
VOLUME = 31.92 m³
1 TREES, 31.92 m³ / TREE
PLANTING AREA 6A
VOLUME = 41.76 m³
2 TREES, 20.88 m³ / TREE
PLANTING AREA 6B
VOLUME = 31.92 m³
1 TREES, 31.92 m³ / TREE
PLANTING AREA 7
VOLUME = 26.99 m³
1 TREES, 26.99 m³ / TREE
PLANTING AREA 8A
VOLUME = 80.58 m³
1 TREES, 80.58 m³ / TREE
PLANTING AREA 8B
VOLUME = 27.67 m³
1 TREES, 27.67 m³ / TREE
PLANTING AREA 8C
VOLUME = 23.49 m³
1 TREES, 23.49 m³ / TREE
PLANTING AREA 8D
VOLUME = 24.58 m³
1 TREES, 24.58 m³ / TREE
PLANTING AREA 8E
VOLUME = 21.48 m³
1 TREES, 21.48 m³ / TREE
PLANTING AREA 8F
VOLUME = 59.46 m³
3 TREES, 19.82 m³ / TREE
PLANTING AREA 8G
VOLUME = 77.47 m³
3 TREES, 25.82 m³ / TREE
PLANTING AREA 8H
VOLUME = 60.54 m³
3 TREES, 20.18 m³ / TREE
PLANTING AREA 8I
VOLUME = 81.61 m³
2 TREES, 40.80 m³ / TREE
PLANTING AREA 13
VOLUME = 467.91 m³
6 TREES, 77.99 m³ / TREE
PLANTING AREA 14
VOLUME = 375.76 m³
6 TREES, 62.63 m³ / TREE
PLANTING AREA 15
VOLUME = 107.55 m³
5 TREES, 21.51 m³ / TREE
PLANTING AREA 18
VOLUME = 117.02 m³
7 TREES, 16.72 m³ / TREE
PLANTING AREA 19
VOLUME = 157.12 m³
5 TREES, 31.42 m³ / TREE
PLANTING AREA 20
VOLUME = 66.81 m³
2 TREES, 33.41 m³ / TREE
PLANTING AREA 22
VOLUME = 80.03 m³
1 TREES, 80.03 m³ / TREE
PLANTING AREA 24
VOLUME = 242.19 m³
14 TREES, 17.30 m³ / TREE
PV (715)
HO (478)
HO (66)
JH (72)
PV (614)
HO (66)
JH (61)
PV (628)
HO (45)
JH (61)
PV (574)
HO (189)
JH (168)
PV (634)
PV (569)
HO (164)
JH (168)
HO (465)
PV (372)
PV (1775)
PX (668)
CP (362)
PLANTED MEDIAN
PLANTED MEDIAN W. SOIL CELLS
MTO SETBACK
PRINCIPAL BARRIER-FREE BUILDING ENTRANCE
HOLDING AREA EXIT
VEHICLE STORAGE EXIT
POST STATION EXIT
EMS VEHICLE ENTRY/EXIT ONLY
ENTRANCE / EXIT
E4 ZONE
E1 ZONE
OVERHEAD UTILITIES
PERIMETER PLANTING TO CREATE VISUAL AND AUDITORY BUFFER FROM STREET EDGE
QM
PT
AC
PS
BN
BP
AF
UP
LS
L301
L302
L303
L304

Planting Plan

1 : 250

1
L104

PLANTING - SHADE TREES

SYM	TAG	BOTANICAL NAME	COMMON NAME	QTY	SIZE (CAL.)	CONDITION	NATIVE	DROUGHT TOLERANT	SALT TOLERANT
DECIDUOUS									
	AC	AMELANCHIER CANADENSIS	SERVICEBERRY	29		WB	•	•	•
	AF	ACER x FREEMANII	AUTUMN BLAZE MAPLE	10		WB	•	•	•
	BN	BETULA NIGRA	RIVER BIRCH	15		WB	•	•	
	BP	BETULA PAPYRIFERA	PAPER BIRCH	15		WB	•	•	•
	PT	POPULUS TREMULOIDES	TREMBLING ASPEN	39		WB	•	•	
	QM	QUERCUS MACROCARPA	BURR OAK	12		WB	•	•	•
CONIFEROUS									
	PS	PINUS STROBUS	EASTERN WHITE PINE	24		WB	•	•	
TOTAL				**144**					

PLANTING - GROUND COVER

SYM	TAG	BOTANICAL NAME	COMMON NAME	QTY	SPACING	AREA	SIZE	NATIVE	DROUGHT TOLERANT	SALT TOLERANT
	CP	CAREX PENSYLVANICA	PENNSYLVANIA SEDGE	12015	300 mm	936.55	2 GAL.	•	•	
	HO	HIEROCHLOE ODORATA	SWEET GRASS	1752	450 mm	307.31	2 GAL.	•	•	•
	JH	JUNIPERUS HORIZONTALIS	CREEPING JUNIPER	399	600 mm	124.20	2 GAL.	•	•	•
	PV	PANICAM VIRGATUM	SWITCH GRASS	7592	450 mm	1331.54	2 GAL.	•	•	•
	PX	PERENNIAL MEADOW MIX - CAREX ATHERODES ELYMUS RIPARIUS JUNCUS TENUIS	PERENNIAL MEADOW MIX - AWNED SEDGE RIVER WILD-RYE PATH RUSH	2264	450 mm	397.04	2 GAL.	•	•	•
TOTAL				**24022**		**3096.64**				

* ALL TREES, SHRUBS AND GROUNDCOVERS ARE NATIVE SPECIES.

** ALL TREES, SHRUBS AND GROUNDCOVERS ARE DROUGHT RESISTANT SPECIES.

*** A DRIP IRRIGATION SYSTEM IS TO BE INSTALLED THROUGHOUT THE NEW ROOT ZONES AND WILL OPERATE USING A WEATHER SENSOR TO SUPPLY IRRIGATION TO ALL PLANTING AS REQUIRED.

NOTES

IRRIGATION IS TO BE PROVIDED FOR TREES FOR AT LEAST THE FIRST 2 YEARS AFTER PLANTING.

POTABLE WATER USED FOR IRRIGATION WILL BE REDUCED BY >60%.

WHERE POTABLE WATER IS USED FOR IRRIGATION, DROUGHT-TOLERANT PLANTS ARE TO BE PROVIDED FOR AT LEAST 50% OF THE LANDSCAPED SITE AREA (INCLUDING AT-GRADE LANDSCAPES, VEGETATED ROOFS AND WALLS).

LEGEND

Landscape Plan Symbols

—	PROPERTY LINE
—	ZONING BOUNDARY
– – –	MTO SETBACK
– – –	LANDSCAPE SETBACK
▲	MAIN ENTRANCE
▲	PEDESTRIAN ENTRY/ EXIT
⇨	VEHICULAR ENTRY/ EXIT
○	SECURITY BOLLARD
○LS	EXISTING LIGHT STANDARD
	NEW LIGHT STANDARD
○	BOLLARD LIGHTING
○UP	UTILITY POLE
	EV CHARGER
	SIAMESE CONNECTION
▨	TACTILE WARNING STRIP
▨	UTILITY COVERS
☐	ASPHALT PAVING
▨	HIGH ALBEDO CONCRETE PAVING
▨	PERMEABLE PAVING
▨	SOD
▨	PERINNIAL MEADOW MIX
▨	PENNSYLVANIAN SEDGE
▨	WILD GINGER

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Issued

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5	05/22/2026	Issued for 30% Construction Documents
6	06/05/2026	Issued for SPA Resubmission No. 1

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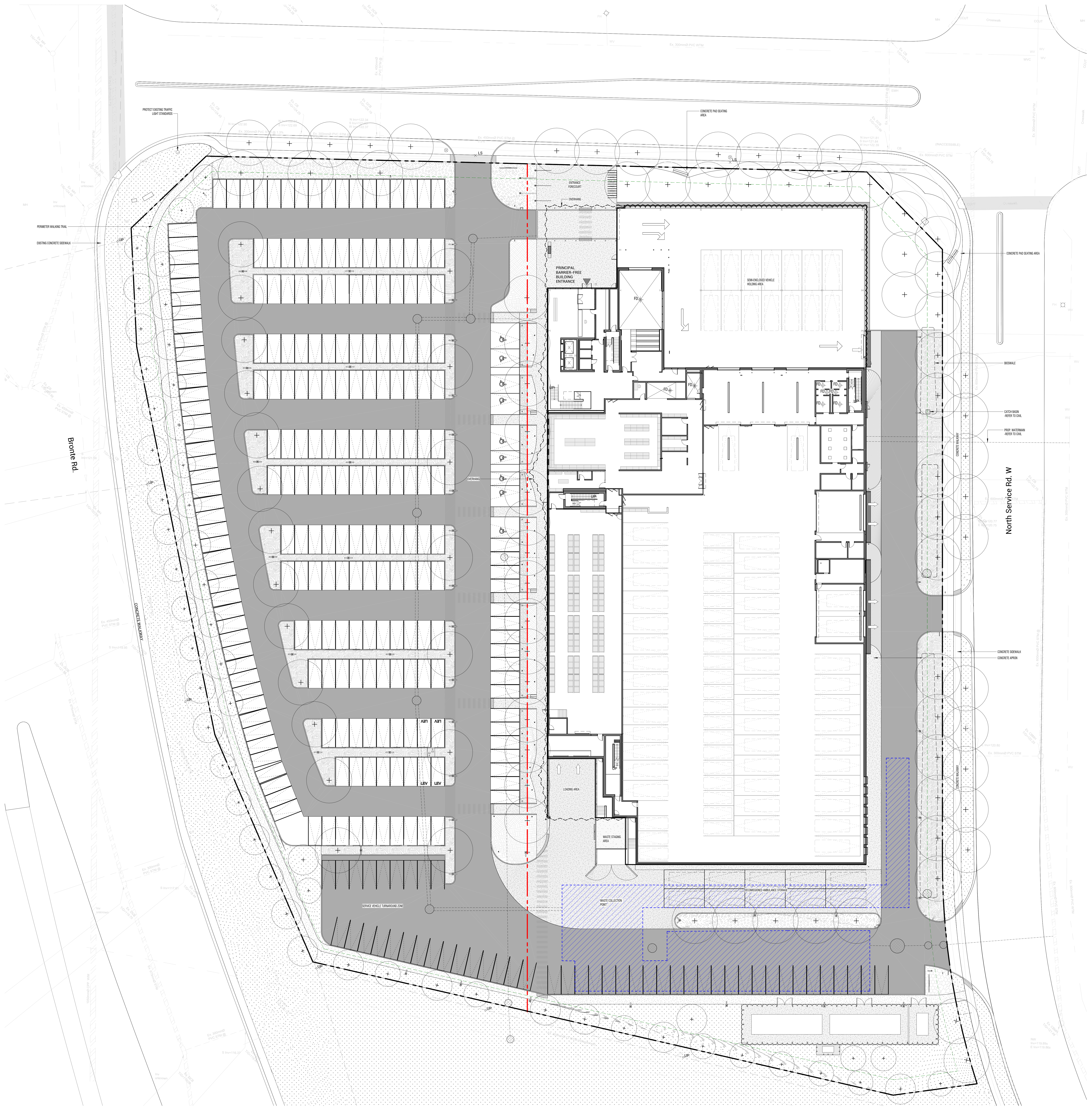
25003

Planting Plan
As indicated
L104


PROTECT EXISTING TRAFFIC LIGHT STANDARDS
PERIMETER WALKING TRAIL
EXISTING CONCRETE SIDEWALK
UP
LS
Bronte Rd.
CONCRETE WALKWAY
CONCRETE PAD SEATING AREA
ENTRANCE FORECOURT
OVERHANG
PRINCIPAL BARRIER-FREE BUILDING ENTRANCE
FD
SEMI-ENCLOSED VEHICLE HOLDING AREA
CONCRETE PAD SEATING AREA
BIOSWALE
CATCH BASIN -REFER TO CIVIL
PROP. WATERMAIN -REFER TO CIVIL
CONCRETE WALKWAY
North Service Rd. W
CONCRETE SIDEWALK
CONCRETE APRON
OVERHANG
LEV
LOADING AREA
WASTE STAGING AREA
SERVICE VEHICLE TURNAROUND ZONE
WASTE COLLECTION POINT
DECOMISSIONED AMBULANCE STORAGE
Ex. 300mmØ PVC STM @ 1.3%
Ex. 300mmØ PVC WTM
Ex. 600mmØ PVC STM
Ex. 1050mmØ CPP WTM
Ex. 675mmØ STM
Inv unknown

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Hardscape Plan
1 : 250
1
L105

HARDSCAPE MATERIAL TYPES

SYM	DESCRIPTION	AREA	Within Property Line
▨	CONCRETE CURB	311.84	Yes
■	ASPHALT PAVING	10015.73	Yes
░	BOUND PERMEABLE GRANULAR SRI≥29	465.21	Yes
▒	HIGH-ALBEDO CONCRETE PAVING SRI≥29	2396.42	Yes
TOTAL		13189.20	

LEGEND

Landscape Plan Symbols

━	PROPERTY LINE
━	ZONING BOUNDARY
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- - -	LANDSCAPE SETBACK
▲	MAIN ENTRANCE
▲	PEDESTRIAN ENTRY/ EXIT
⇨	VEHICULAR ENTRY/ EXIT
○	SECURITY BOLLARD
○LS	EXISTING LIGHT STANDARD
⊟	NEW LIGHT STANDARD
○	BOLLARD LIGHTING
○UP	UTILITY POLE
⊏	EV CHARGER
Y	SIAMESE CONNECTION
▦	TACTILE WARNING STRIP
⊗	UTILITY COVERS

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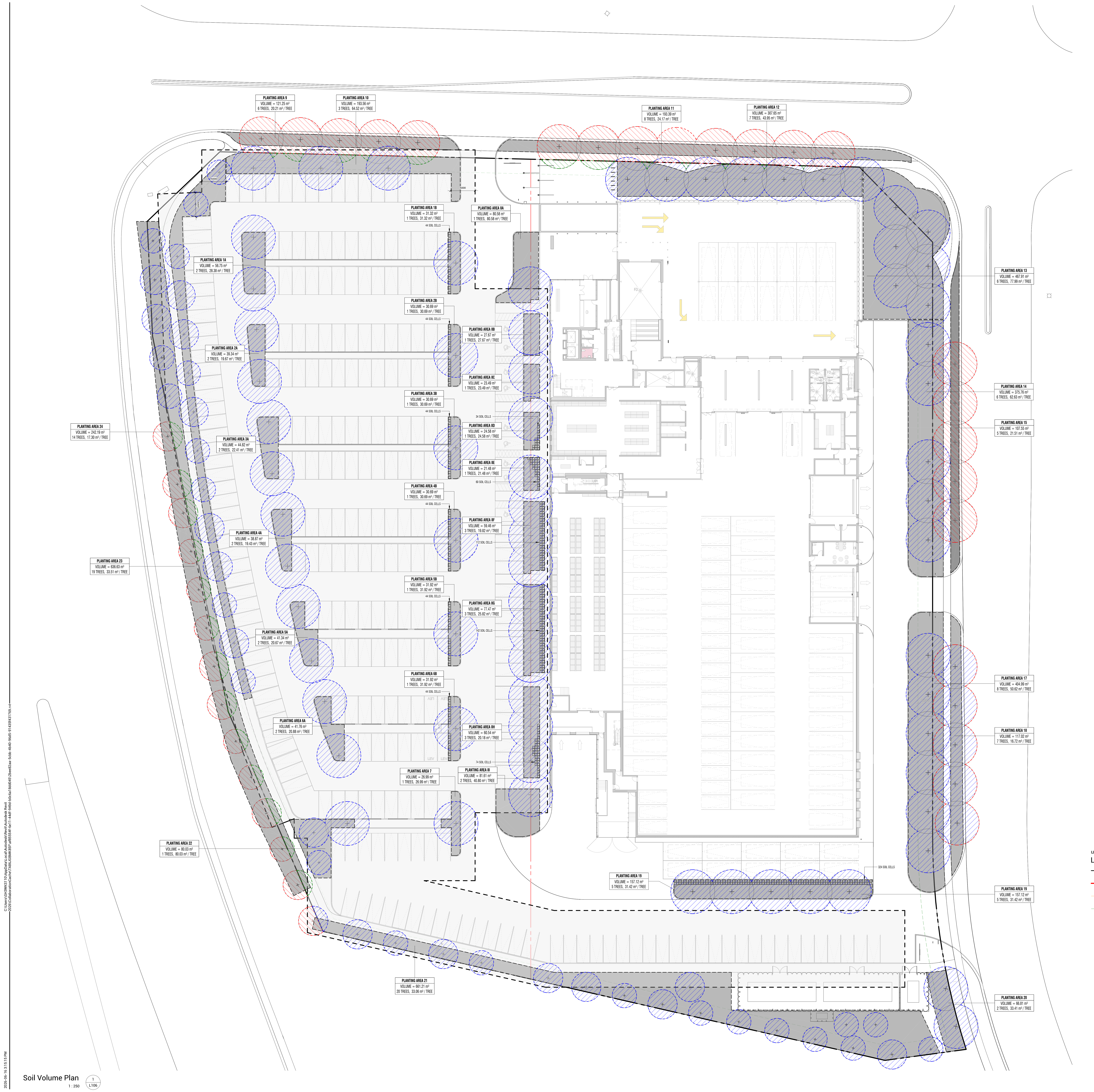
25003

Hardscape Plan
As indicated

L105


PLANTING AREA 9
VOLUME = 121.25 m³
6 TREES, 20.21 m³ / TREE
PLANTING AREA 10
VOLUME = 193.56 m³
3 TREES, 64.52 m³ / TREE
PLANTING AREA 11
VOLUME = 193.39 m³
8 TREES, 24.17 m³ / TREE
PLANTING AREA 12
VOLUME = 307.65 m³
7 TREES, 43.95 m³ / TREE
PLANTING AREA 1B
VOLUME = 31.32 m³
1 TREES, 31.32 m³ / TREE
44 SOIL CELLS
PLANTING AREA 8A
VOLUME = 80.58 m³
1 TREES, 80.58 m³ / TREE
5000
PLANTING AREA 1A
VOLUME = 56.75 m³
2 TREES, 28.38 m³ / TREE
PLANTING AREA 13
VOLUME = 467.91 m³
6 TREES, 77.99 m³ / TREE
PLANTING AREA 2B
VOLUME = 30.69 m³
1 TREES, 30.69 m³ / TREE
44 SOIL CELLS
PLANTING AREA 8B
VOLUME = 27.67 m³
1 TREES, 27.67 m³ / TREE
PLANTING AREA 2A
VOLUME = 39.34 m³
2 TREES, 19.67 m³ / TREE
PLANTING AREA 8C
VOLUME = 23.49 m³
1 TREES, 23.49 m³ / TREE
PLANTING AREA 14
VOLUME = 375.76 m³
6 TREES, 62.63 m³ / TREE
PLANTING AREA 3B
VOLUME = 30.69 m³
1 TREES, 30.69 m³ / TREE
44 SOIL CELLS
34 SOIL CELLS
PLANTING AREA 15
VOLUME = 107.55 m³
5 TREES, 21.51 m³ / TREE
PLANTING AREA 24
VOLUME = 242.19 m³
14 TREES, 17.30 m³ / TREE
PLANTING AREA 8D
VOLUME = 24.58 m³
1 TREES, 24.58 m³ / TREE
PLANTING AREA 3A
VOLUME = 44.82 m³
2 TREES, 22.41 m³ / TREE
PLANTING AREA 8E
VOLUME = 21.48 m³
1 TREES, 21.48 m³ / TREE
60 SOIL CELLS
PLANTING AREA 4B
VOLUME = 30.69 m³
1 TREES, 30.69 m³ / TREE
44 SOIL CELLS
PLANTING AREA 8F
VOLUME = 59.46 m³
3 TREES, 19.82 m³ / TREE
112 SOIL CELLS
PLANTING AREA 4A
VOLUME = 38.87 m³
2 TREES, 19.43 m³ / TREE
PLANTING AREA 23
VOLUME = 636.63 m³
19 TREES, 33.51 m³ / TREE
PLANTING AREA 5B
VOLUME = 31.92 m³
1 TREES, 31.92 m³ / TREE
44 SOIL CELLS
PLANTING AREA 8G
VOLUME = 77.47 m³
3 TREES, 25.82 m³ / TREE
142 SOIL CELLS
PLANTING AREA 5A
VOLUME = 41.34 m³
2 TREES, 20.67 m³ / TREE
PLANTING AREA 6B
VOLUME = 31.92 m³
1 TREES, 31.92 m³ / TREE
44 SOIL CELLS
PLANTING AREA 17
VOLUME = 404.99 m³
8 TREES, 50.62 m³ / TREE
PLANTING AREA 6A
VOLUME = 41.76 m³
2 TREES, 20.88 m³ / TREE
PLANTING AREA 8H
VOLUME = 60.54 m³
3 TREES, 20.18 m³ / TREE
PLANTING AREA 18
VOLUME = 117.02 m³
7 TREES, 16.72 m³ / TREE
74 SOIL CELLS
PLANTING AREA 7
VOLUME = 26.99 m³
1 TREES, 26.99 m³ / TREE
PLANTING AREA 8I
VOLUME = 81.61 m³
2 TREES, 40.80 m³ / TREE
PLANTING AREA 22
VOLUME = 80.03 m³
1 TREES, 80.03 m³ / TREE
324 SOIL CELLS
PLANTING AREA 19
VOLUME = 157.12 m³
5 TREES, 31.42 m³ / TREE
PLANTING AREA 21
VOLUME = 661.21 m³
20 TREES, 33.06 m³ / TREE
PLANTING AREA 20
VOLUME = 66.81 m³
2 TREES, 33.41 m³ / TREE

Soil Volume Plan
1 : 250
1
L106

SOIL VOLUME & CANOPY COVERAGE

PLANTING AREA	NO. OF TREES	SOIL AREA	AVERAGE SOIL DEPTH	SOIL VOLUME TOTAL	SOIL VOLUME PER TREE	ON-SITE CANOPY COVERAGE	OFF-SITE CANOPY COVERAGE	CANOPY OVERHANG
1A	2	56.75	1 m	56.75 m³	28.38 m³	127.4	0	0
1B	1	31.32	1 m	31.32 m³	31.32 m³	63.6	0	0
2A	2	39.34	1 m	39.34 m³	19.67 m³	122	0	0
2B	1	30.69	1 m	30.69 m³	30.69 m³	63.6	0	0
3A	2	44.82	1 m	44.82 m³	22.41 m³	123.1	0	0
3B	1	30.69	1 m	30.69 m³	30.69 m³	63.6	0	0
4A	2	38.87	1 m	38.87 m³	19.43 m³	123.48	0	0
4B	1	30.69	1 m	30.69 m³	30.69 m³	63.6	0	0
5A	2	41.34	1 m	41.34 m³	20.67 m³	123.48	0	0
5B	1	31.92	1 m	31.92 m³	31.92 m³	63.6	0	0
6A	2	41.75	1 m	41.76 m³	20.88 m³	127.4	0	0
6B	1	31.92	1 m	31.92 m³	31.92 m³	63.6	0	0
7	1	26.99	1 m	26.99 m³	26.99 m³	63.62	0	0
8A	1	80.58	1 m	80.58 m³	80.58 m³	63.6	0	0
8B	1	27.67	1 m	27.67 m³	27.67 m³	63.6	0	0
8C	1	23.49	1 m	23.49 m³	23.49 m³	60.8	0	0
8D	1	24.58	1 m	24.58 m³	24.58 m³	63.6	0	0
8E	1	21.48	1 m	21.48 m³	21.48 m³	63.6	0	0
8F	3	59.46	1 m	59.46 m³	19.82 m³	149.3	0	0
8G	3	77.47	1 m	77.47 m³	25.82 m³	157.25	0	0
8H	3	60.54	1 m	60.54 m³	20.18 m³	164.4	0	0
8I	2	81.61	1 m	81.61 m³	40.80 m³	55.89	0	0
9	6	121.25	1 m	121.25 m³	20.21 m³	0	269.24	16.53
10	3	193.56	1 m	193.56 m³	64.52 m³	190.86	0	0
11	8	193.38	1 m	193.39 m³	24.17 m³	0	419.9	21.9
12	7	307.65	1 m	307.65 m³	43.95 m³	428.66	0	0
13	6	467.91	1 m	467.91 m³	77.99 m³	320.95	0	0
14	6	375.76	1 m	375.76 m³	62.63 m³	309.75	0	0
15	5	107.55	1 m	107.55 m³	21.51 m³	0	306.98	0
17	8	404.99	1 m	404.99 m³	50.62 m³	367.8	0	0
18	7	117.02	1 m	117.02 m³	16.72 m³	0	307.02	0
19	5	157.12	1 m	157.12 m³	31.42 m³	306.97	0	0
20	2	66.81	1 m	66.81 m³	33.41 m³	124.46	0	0
21	20	661.21	1 m	661.21 m³	33.06 m³	442.15	0	0
22	1	80.03	1 m	80.03 m³	80.03 m³	110.88	0	0
23	19	636.63	1 m	636.63 m³	33.51 m³	115.46	228.41	87.33
24	14	242.19	1 m	242.19 m³	17.30 m³	326.75	0	0
TOTAL	152	5067.04		5067.05 m³		5078.81	1531.55	125.76

SOIL NOTES:

SOIL CELLS: SOIL CELLS TO BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS. SHOP DRAWINGS TO BE SUPPLIED FOR REVIEW AND APPROVAL BY CONSULTANT. SILVA CELLS OR APPROVED EQUAL.

*500mmX500mmX600mm SOIL CELLS UTILIZED AS BASIS FOR COUNT

TOTAL SOIL CELL COUNT= 898

SOIL LEGEND

☐	SOIL CELLS (500mm X 500mm X 600mm)
⬚	SOIL REGION

CANOPY COVER CALCULATION:

SEE TABLE ABOVE FOR PLANTING AREA AND SOIL VOLUME CALCULATIONS.
REFER TO L104 PLANTING PLAN FOR TREE AND GROUNDCOVER SCHEDULE.

CANOPY COVER TARGET: 20% (SOUTH OF DUNDAS ST EMPLOYMENT USE - E1, E4)

PROPOSED CANOPY COVERAGE ON-SITE: 5,067.04m²
EXISTING CANOPY ON SITE: N/A
EXISTING CANOPY OVERHANG ON-SITE: N/A
PROPOSED CANOPY COVERAGE OVERHANG: 125.76m²
OFF-SITE CANOPY COVERAGE: 1,531.55m²
TOTAL SITE CANOPY COVERAGE: 5,192.8m²

CANOPY SUMMARY:

TOTAL SITE AREA: 25,144 m²
CANOPY COVER TARGET BY LAND-USE: 20%
CANOPY COVERAGE OF TOTAL SITE AREA: *20.65*%

PARKING AREA SUMMARY:

TOTAL PARKING SPACE PROPOSED: 290
TOTAL # OF TREES WITHIN 5M OF PARKING AREA: 65

⊕	PROPOSED CANOPY TREE
🟦	CANOPY COVERAGE ON-SITE
🟩	CANOPY COVERAGE OVERHANG
🟥	CANOPY COVERAGE OFF-SITE (ROW)
⬚	5M BOUNDARY OFFSET FROM PARKING AREA

LEGEND

Landscape Plan Symbols

—	PROPERTY LINE
—	ZONING BOUNDARY
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- - -	LANDSCAPE SETBACK
▲	MAIN ENTRANCE
▲	PEDESTRIAN ENTRY/ EXIT
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⊡	NEW LIGHT STANDARD
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○UP	UTILITY POLE
⊟	EV CHARGER
⋎	SIAMESE CONNECTION
▨	TACTILE WARNING STRIP
⊗	UTILITY COVERS

Halton REGION

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Elise Shelley
MEMBER

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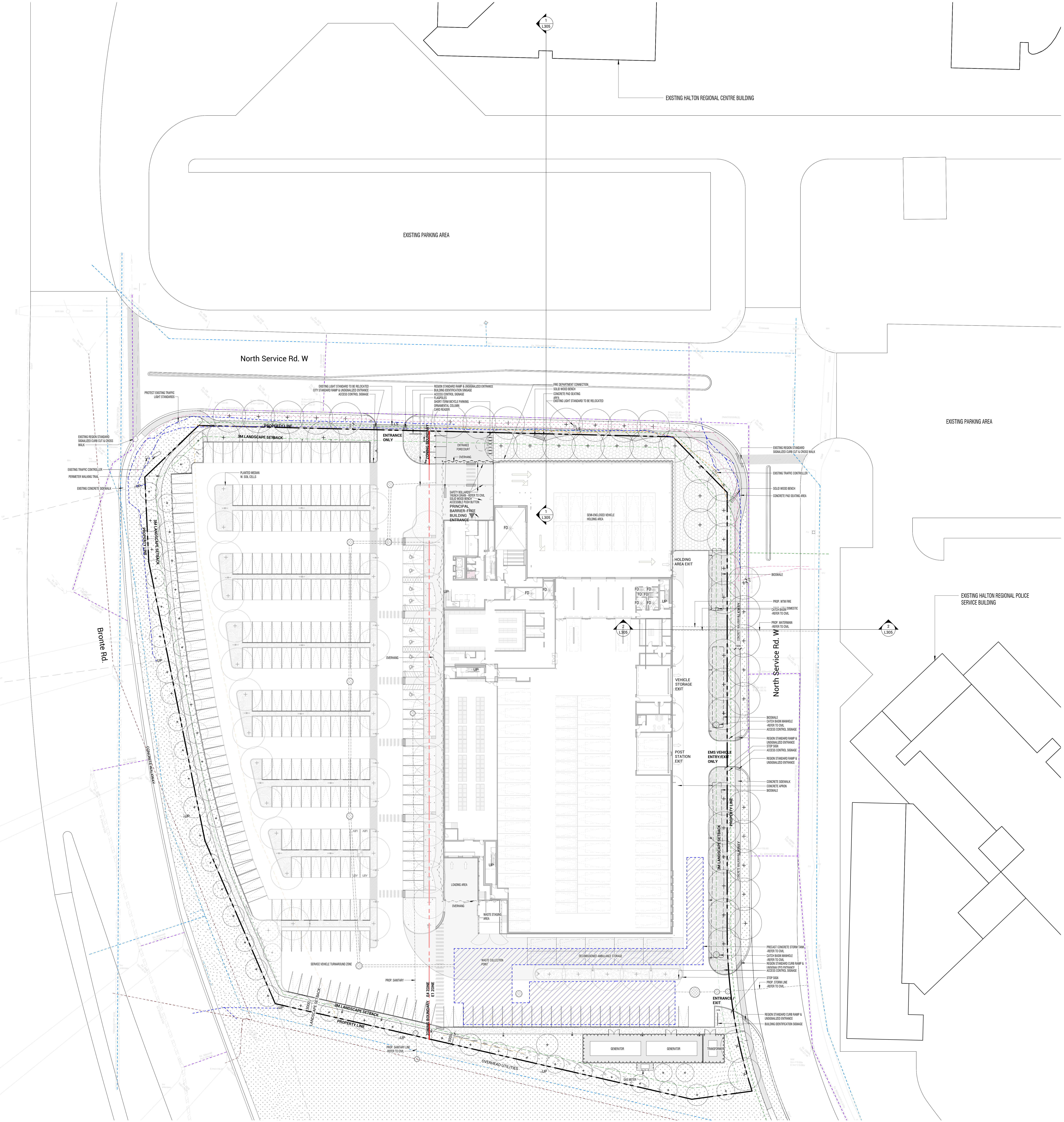
Soil Volume & Canopy Cover Plan
As indicated
L106


EXISTING HALTON REGIONAL CENTRE BUILDING
EXISTING PARKING AREA
North Service Rd. W
EXISTING PARKING AREA
EXISTING HALTON REGIONAL POLICE SERVICE BUILDING
Bronte Rd.
North Service Rd. W
PROTECT EXISTING TRAFFIC LIGHT STANDARDS
EXISTING LIGHT STANDARD TO BE RELOCATED
CITY STANDARD RAMP & UNSIGNALIZED ENTRANCE
ACCESS CONTROL SIGNAGE
REGION STANDARD RAMP & UNSIGNALIZED ENTRANCE
BUILDING IDENTIFICATION SINGAGE
ACCESS CONTROL SIGNAGE
FLAGPOLES
SHORT-TERM BICYCLE PARKING
ORNAMENTAL COLUMN
CARD READER
FIRE DEPARTMENT CONNECTION
SOLID WOOD BENCH
CONCRETE PAD SEATING ARFA
EXISTING LIGHT STANDARD TO BE RELOCATED
EXISTING REGION STANDARD SIGNALIZED CURB CUT & CROSS WALK
EXISTING TRAFFIC CONTROLLER
PERIMETER WALKING TRAIL
EXISTING CONCRETE SIDEWALK
PROPERTY LINE
3M LANDSCAPE SETBACK
ENTRANCE ONLY
ZONING BOUNDARY
ENTRANCE FORECOURT
OVERHANG
PLANTED MEDIAN W. SOIL CELLS
SAFETY BOLLARDS
TRENCH DRAIN - REFER TO CIVIL
SOLID WOOD BENCH
ACCESSIBLE PUSH BUTTON
PRINCIPAL BARRIER-FREE BUILDING ENTRANCE
1 L305
SEMI-ENCLOSED VEHICLE HOLDING AREA
FD
UP
2 L305
HOLDING AREA EXIT
VEHICLE STORAGE EXIT
POST STATION EXIT
EMS VEHICLE ENTRY/EXIT ONLY
EXISTING REGION STANDARD SIGNALIZED CURB CUT & CROSS WALK
EXISTING TRAFFIC CONTROLLER
SOLID WOOD BENCH
CONCRETE PAD SEATING AREA
BIOSWALE
PROP. WTM FIRE
CATCH BASIN DOMESTIC -REFER TO CIVIL
PROP. WATERMAIN -REFER TO CIVIL
CONCRETE WALKWAY
1500
BIOSWALE
CATCH BASIN MANHOLE -REFER TO CIVIL
ACCESS CONTROL SIGNAGE
REGION STANDARD RAMP & UNSIGNALIZED ENTRANCE
STOP SIGN
ACCESS CONTROL SIGNAGE
REGION STANDARD RAMP & UNSIGNALIZED ENTRANCE
CONCRETE SIDEWALK
CONCRETE APRON
BIOSWALE
PRECAST CONCRETE STORM TANK -REFER TO CIVIL
CATCH BASIN MANHOLE -REFER TO CIVIL
REGION STANDARD CURB RAMP & UNSIGNALIZED ENTRANCE
ACCESS CONTROL SIGNAGE
STOP SIGN
PROP. STORM LINE -REFER TO CIVIL
ENTRANCE / EXIT
REGION STANDARD CURB RAMP & UNSIGNALIZED ENTRANCE
BUILDING IDENTIFICATION SIGNAGE
OVERHANG
LEV
LOADING AREA
OVERHANG
WASTE STAGING AREA
SERVICE VEHICLE TURNAROUND ZONE
WASTE COLLECTION POINT
DECOMISSIONED AMBULANCE STORAGE
PROP. SANITARY
E4 ZONE
E1 ZONE
ZONING BOUNDARY
3M LANDSCAPE SETBACK
LANDSCAPE SETBACK
3000
PROPERTY LINE
PROP. SANITARY LINE -REFER TO CIVIL
OVERHEAD UTILITIES
GENERATOR
GENERATOR
TRANSFORMER
GAS METER
UP
CONCRETE WALKWAY

Streetscape Plan-1

1 : 350

1
L107

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UNDERGROUND UTILITIES

🟧 - - - -	**BELL**
- - - -	**FIBRE OPTIC**
🟩 - - - -	**GAS**
🟦 - - - -	**HYDRO**
- - - -	**SANITARY**
🟪 - - - -	**STORM**
- - - -	**WATER SERVICE**

LEGEND

Landscape Plan Symbols

———	PROPERTY LINE
🟥 ———	ZONING BOUNDARY
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— — —	LANDSCAPE SETBACK
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5	06/05/2026	Issued for Minor Variance Application
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Streetscape Plan
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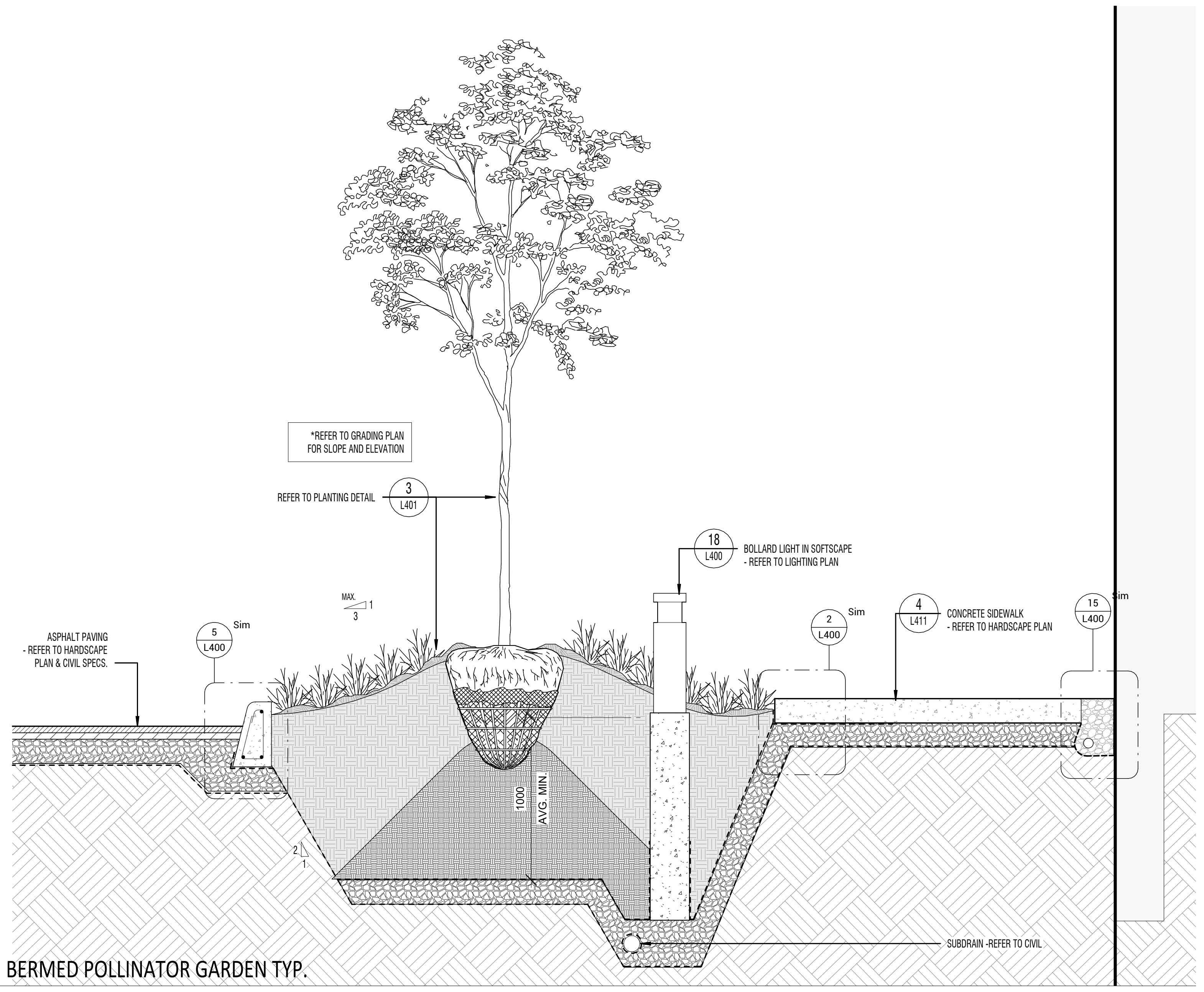
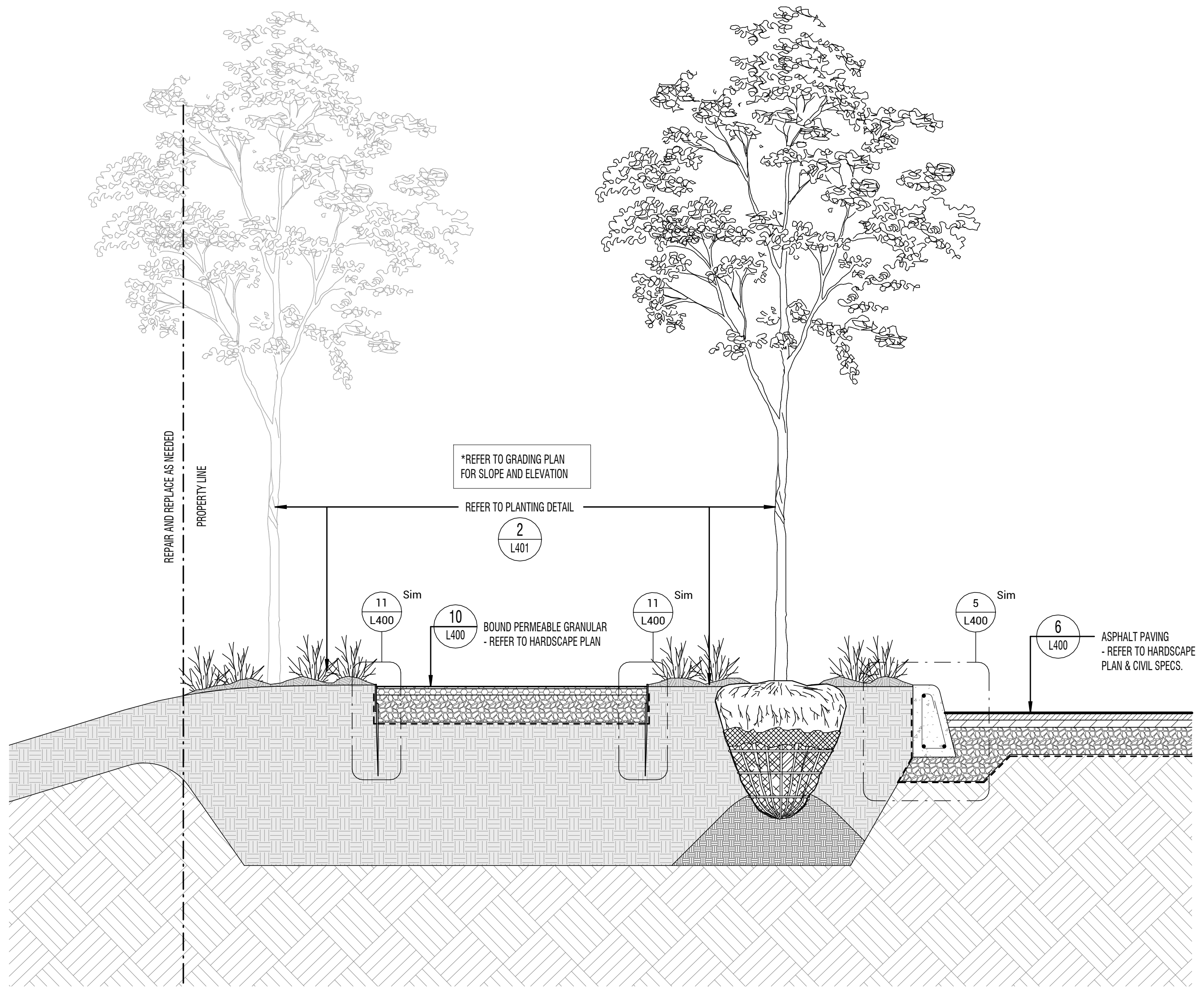
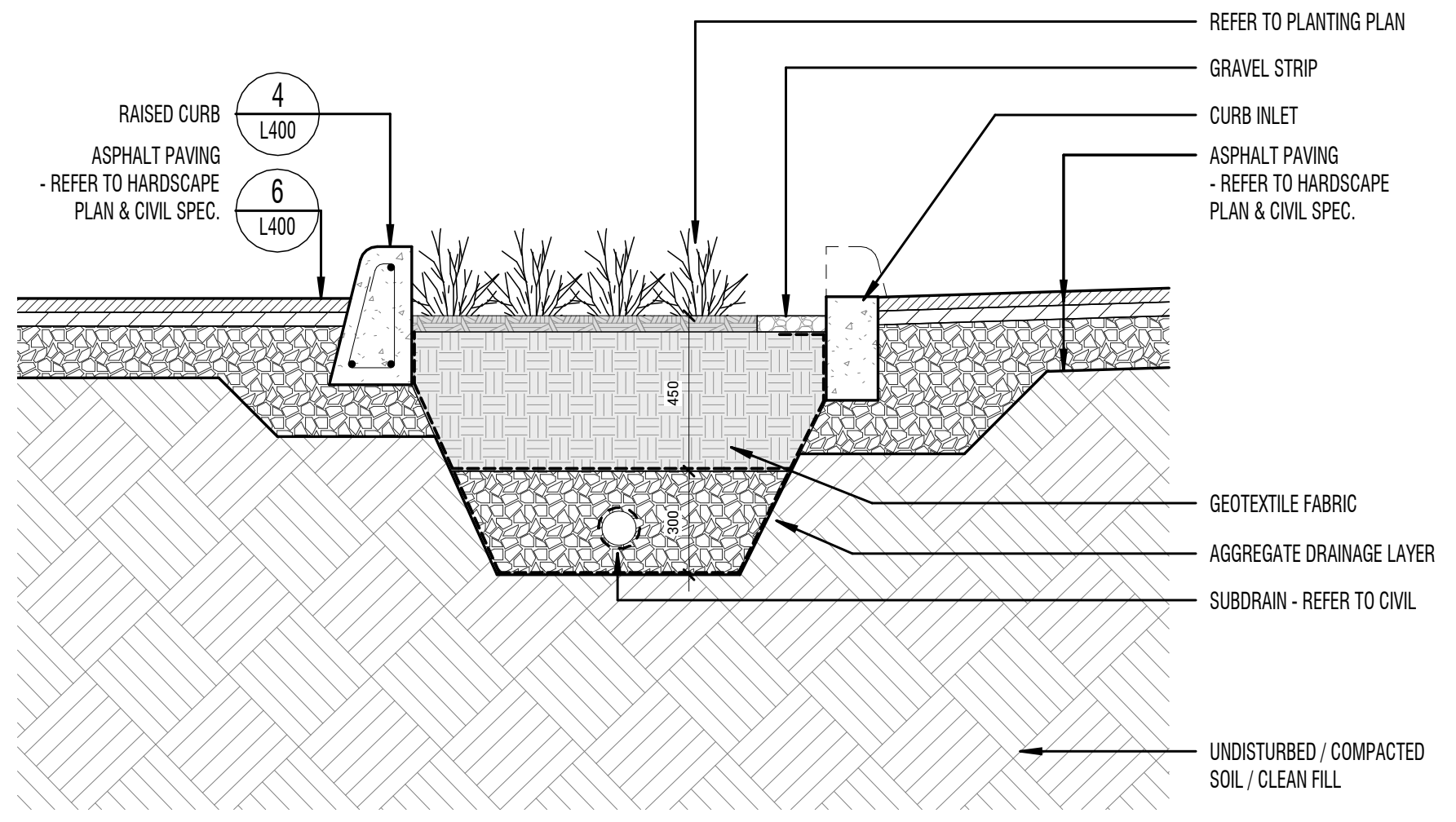
L107


*REFER TO GRADING PLAN
FOR SLOPE AND ELEVATION
REFER TO PLANTING DETAIL
3
L401
18
L400
BOLLARD LIGHT IN SOFTSCAPE
- REFER TO LIGHTING PLAN
MAX.
1
3
ASPHALT PAVING
- REFER TO HARDSCAPE
PLAN & CIVIL SPECS.
5
L400
Sim
2
L400
Sim
4
L411
CONCRETE SIDEWALK
- REFER TO HARDSCAPE PLAN
15
L400
Sim
1000
AVG. MIN.
2
1
SUBDRAIN -REFER TO CIVIL

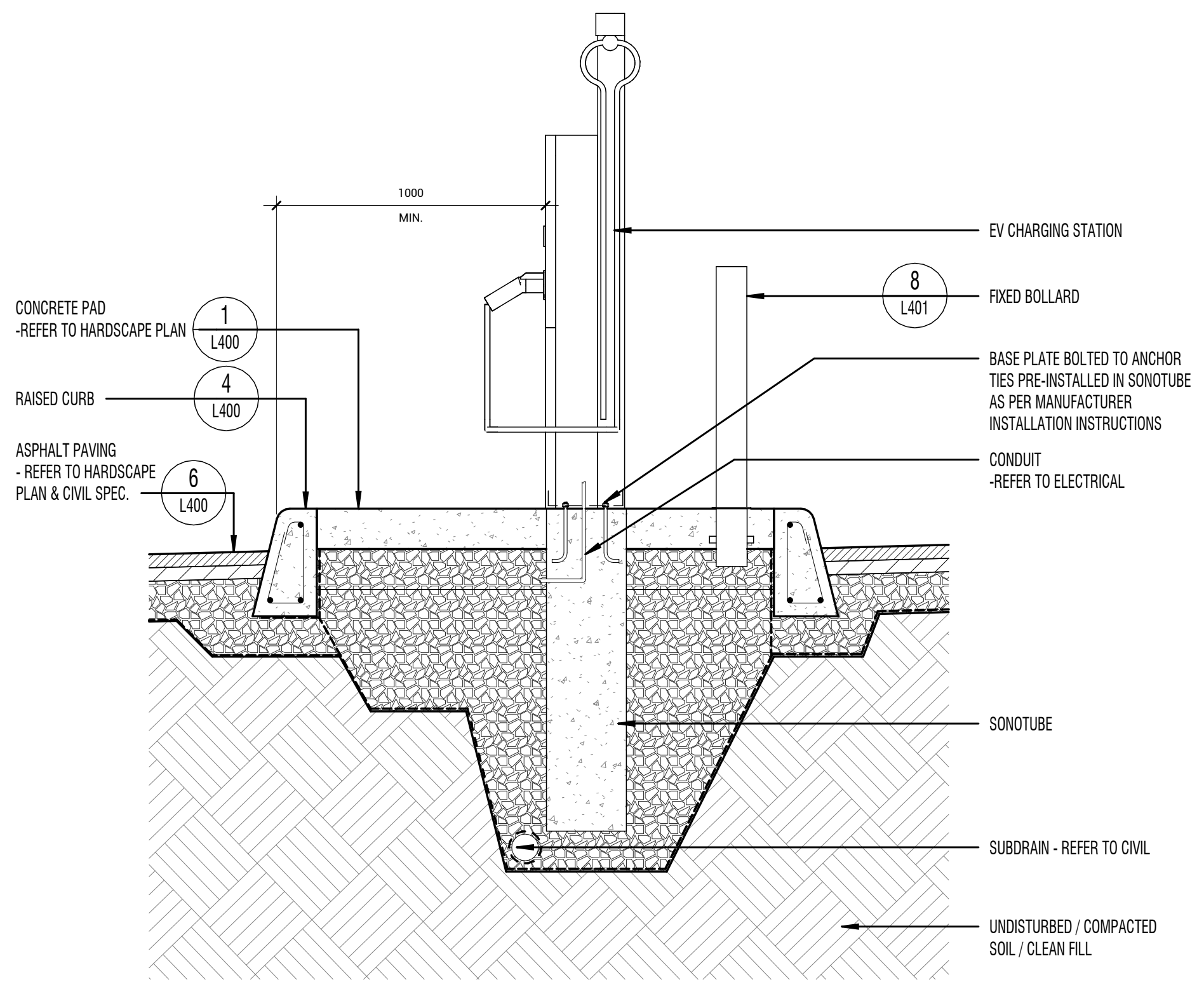
1
L301
BERMED POLLINATOR GARDEN TYP.


REPAIR AND REPLACE AS NEEDED
PROPERTY LINE
*REFER TO GRADING PLAN
FOR SLOPE AND ELEVATION
REFER TO PLANTING DETAIL
2
L401
11
L400
Sim
10
L400
BOUND PERMEABLE GRANULAR
- REFER TO HARDSCAPE PLAN
11
L400
Sim
5
L400
Sim
6
L400
ASPHALT PAVING
- REFER TO HARDSCAPE
PLAN & CIVIL SPECS.

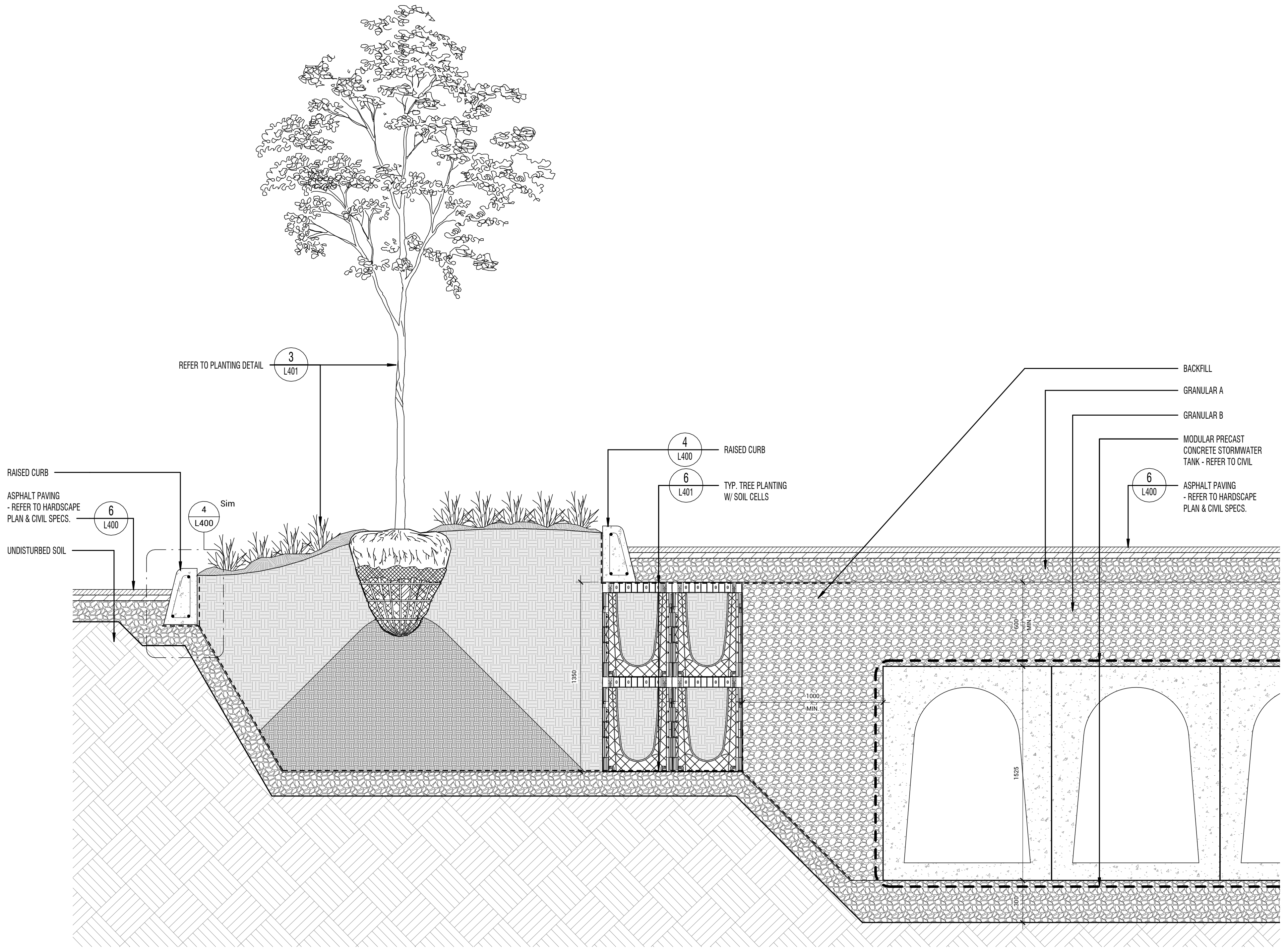
2
L301
PERIMETER WALKING TRAIL TYP.


RAISED CURB
4
L400
ASPHALT PAVING
- REFER TO HARDSCAPE
PLAN & CIVIL SPEC.
6
L400
REFER TO PLANTING PLAN
GRAVEL STRIP
CURB INLET
ASPHALT PAVING
- REFER TO HARDSCAPE
PLAN & CIVIL SPEC.
450
300
GEOTEXTILE FABRIC
AGGREGATE DRAINAGE LAYER
SUBDRAIN - REFER TO CIVIL
UNDISTURBED / COMPACTED
SOIL / CLEAN FILL

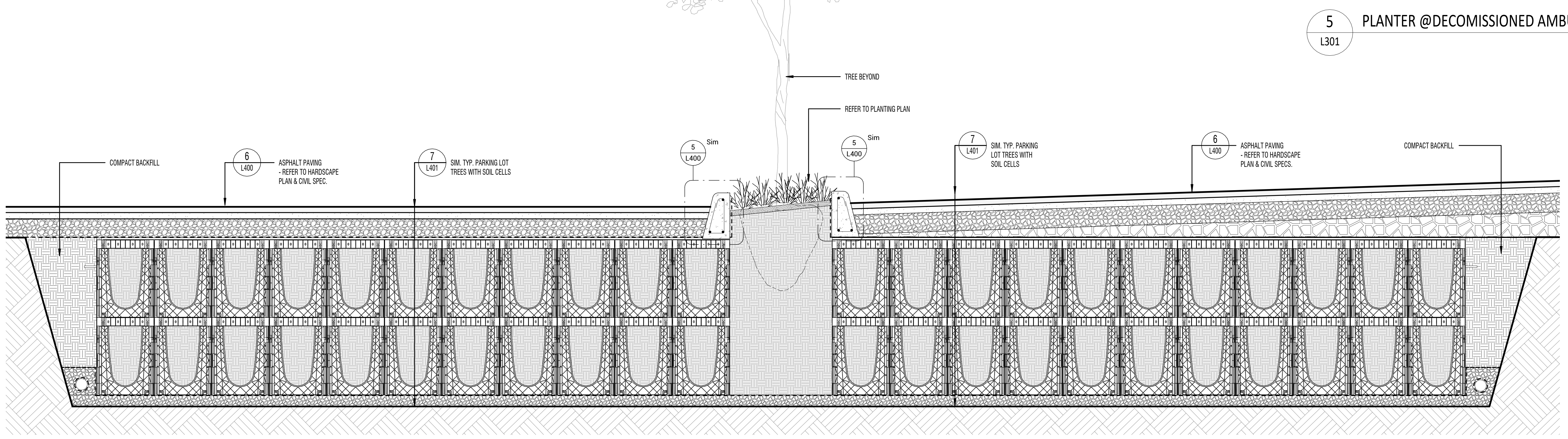
3
L301
PARKING MEDIAN TYP.1 - BIORETENTION


1000
MIN.
EV CHARGING STATION
8
L401
FIXED BOLLARD
CONCRETE PAD
-REFER TO HARDSCAPE PLAN
1
L400
RAISED CURB
4
L400
ASPHALT PAVING
- REFER TO HARDSCAPE
PLAN & CIVIL SPEC.
6
L400
BASE PLATE BOLTED TO ANCHOR
TIES PRE-INSTALLED IN SONOTUBE
AS PER MANUFACTURER
INSTALLATION INSTRUCTIONS
CONDUIT
-REFER TO ELECTRICAL
SONOTUBE
SUBDRAIN - REFER TO CIVIL
UNDISTURBED / COMPACTED
SOIL / CLEAN FILL

4
L301
PARKING MEDIAN TYP.2 - EV CHARGER


REFER TO PLANTING DETAIL
3
L401
BACKFILL
GRANULAR A
GRANULAR B
MODULAR PRECAST
CONCRETE STORMWATER
TANK - REFER TO CIVIL
4
L400
RAISED CURB
6
L401
TYP. TREE PLANTING
W/ SOIL CELLS
6
L400
ASPHALT PAVING
- REFER TO HARDSCAPE
PLAN & CIVIL SPECS.
RAISED CURB
ASPHALT PAVING
- REFER TO HARDSCAPE
PLAN & CIVIL SPECS.
6
L400
4
L400
Sim
UNDISTURBED SOIL
1350
600
MIN
1000
MIN
1525
300

5
L301
PLANTER @DECOMISSIONED AMBULANCE PARKING


TREE BEYOND
REFER TO PLANTING PLAN
COMPACT BACKFILL
6
L400
ASPHALT PAVING
- REFER TO HARDSCAPE
PLAN & CIVIL SPEC.
7
L401
SIM. TYP. PARKING LOT
TREES WITH SOIL CELLS
5
L400
Sim
5
L400
Sim
7
L401
SIM. TYP. PARKING
LOT TREES WITH
SOIL CELLS
6
L400
ASPHALT PAVING
- REFER TO HARDSCAPE
PLAN & CIVIL SPECS.
COMPACT BACKFILL

6
L301
PARKING MEDIAN TYP.3 - SOIL CELLS

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2026\CollaborationCache\TA86JGBMK85F\af85554f-6e11-44df-949d-b0c6a18dd045\2bee82aa-5cbb-4b40-96d5-91435f431769.rvt

2026-06-16 3:15:28 PM

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Elise Shelley
MEMBER

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No.	Date	Description
1	01/23/2026	Issued for SPA
2	02/11/2026	Issued for SPA - R1
3	02/27/2026	Issued for 90% Design Development
4	03/13/2026	Issued for 100% Design Development
5	05/22/2026	Issued for 30% Construction Documents
6	06/05/2026	Issued for SPA Resubmission No. 1

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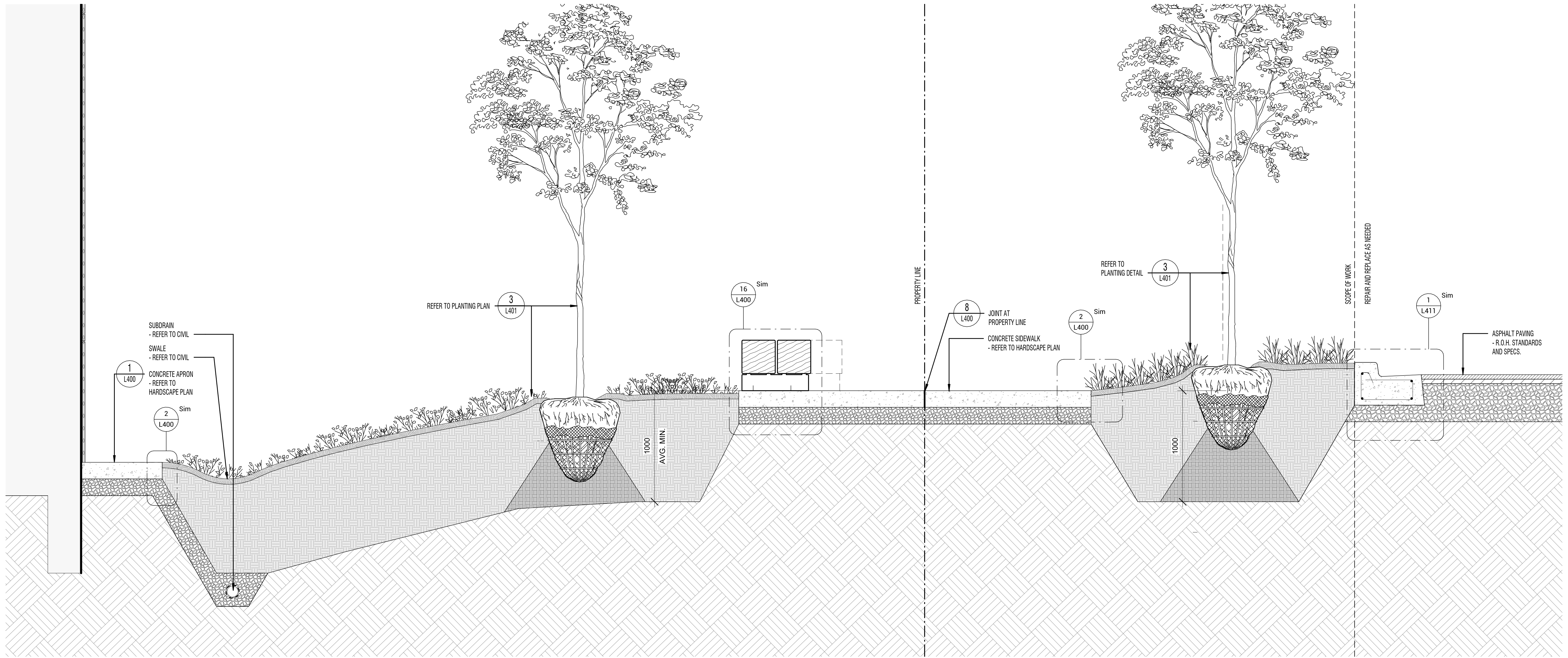
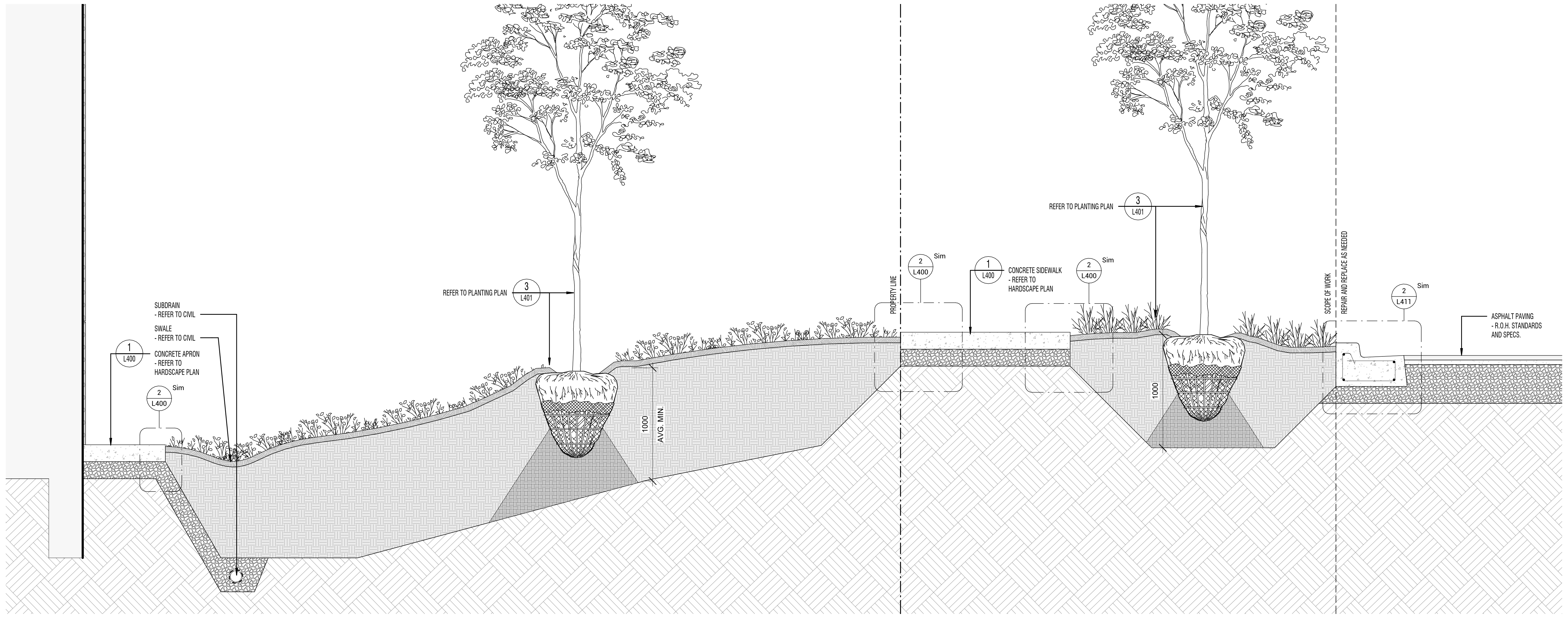
Landscape Sections
1 : 20

L301


SUBDRAIN
- REFER TO CIVIL
SWALE
- REFER TO CIVIL
1
L400
CONCRETE APRON
- REFER TO
HARDSCAPE PLAN
2
L400
Sim
REFER TO PLANTING PLAN
3
L401
1000
AVG. MIN.
16
L400
Sim
PROPERTY LINE
8
L400
JOINT AT
PROPERTY LINE
CONCRETE SIDEWALK
- REFER TO HARDSCAPE PLAN
2
L400
Sim
REFER TO
PLANTING DETAIL
3
L401
1000
SCOPE OF WORK
REPAIR AND REPLACE AS NEEDED
1
L411
Sim
ASPHALT PAVING
- R.O.H. STANDARDS
AND SPECS.

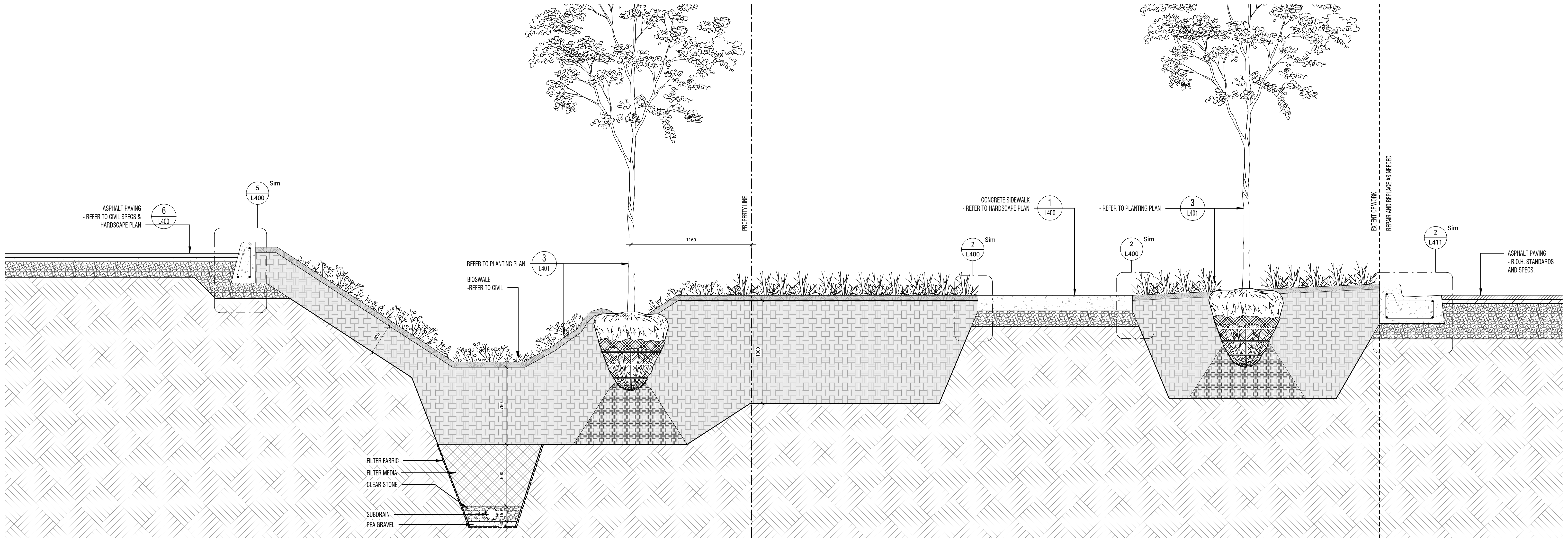
1
L302

NORTH SERVICE RD.W (NORTH SIDE) BENCH TYP.


SUBDRAIN
- REFER TO CIVIL
SWALE
- REFER TO CIVIL
1
L400
CONCRETE APRON
- REFER TO
HARDSCAPE PLAN
2
L400
Sim
REFER TO PLANTING PLAN
3
L401
1000
AVG. MIN.
PROPERTY LINE
2
L400
Sim
1
L400
CONCRETE SIDEWALK
- REFER TO
HARDSCAPE PLAN
2
L400
Sim
REFER TO PLANTING PLAN
3
L401
1000
SCOPE OF WORK
REPAIR AND REPLACE AS NEEDED
2
L411
Sim
ASPHALT PAVING
- R.O.H. STANDARDS
AND SPECS.

2
L302

NORTH SERVICE RD.W (NORTH SIDE) BENCH TYP.1


ASPHALT PAVING
- REFER TO CIVIL SPECS &
HARDSCAPE PLAN
6
L400
5
L400
Sim
300
REFER TO PLANTING PLAN
3
L401
BIOSWALE
-REFER TO CIVIL
1169
PROPERTY LINE
1000
750
600
150
50
FILTER FABRIC
FILTER MEDIA
CLEAR STONE
SUBDRAIN
PEA GRAVEL
2
L400
Sim
CONCRETE SIDEWALK
- REFER TO HARDSCAPE PLAN
1
L400
2
L400
Sim
- REFER TO PLANTING PLAN
3
L401
EXTENT OF WORK
REPAIR AND REPLACE AS NEEDED
2
L411
Sim
ASPHALT PAVING
- R.O.H. STANDARDS
AND SPECS.

3
L302

NORTH SERVICE RD. W (EAST SIDE) TYP.

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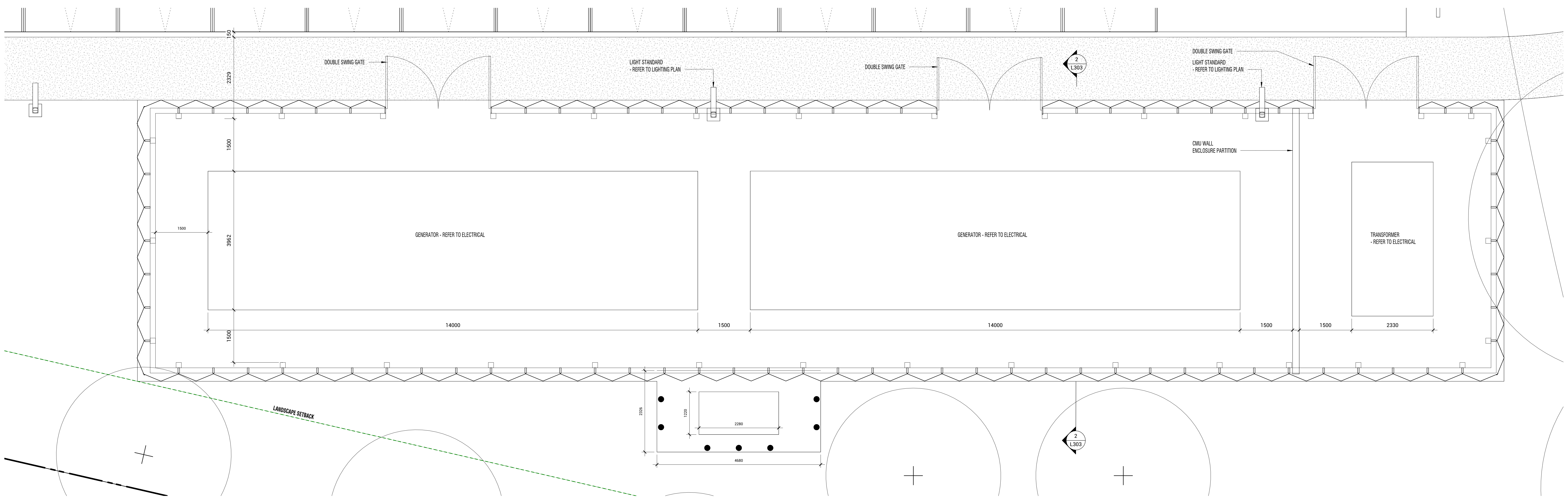
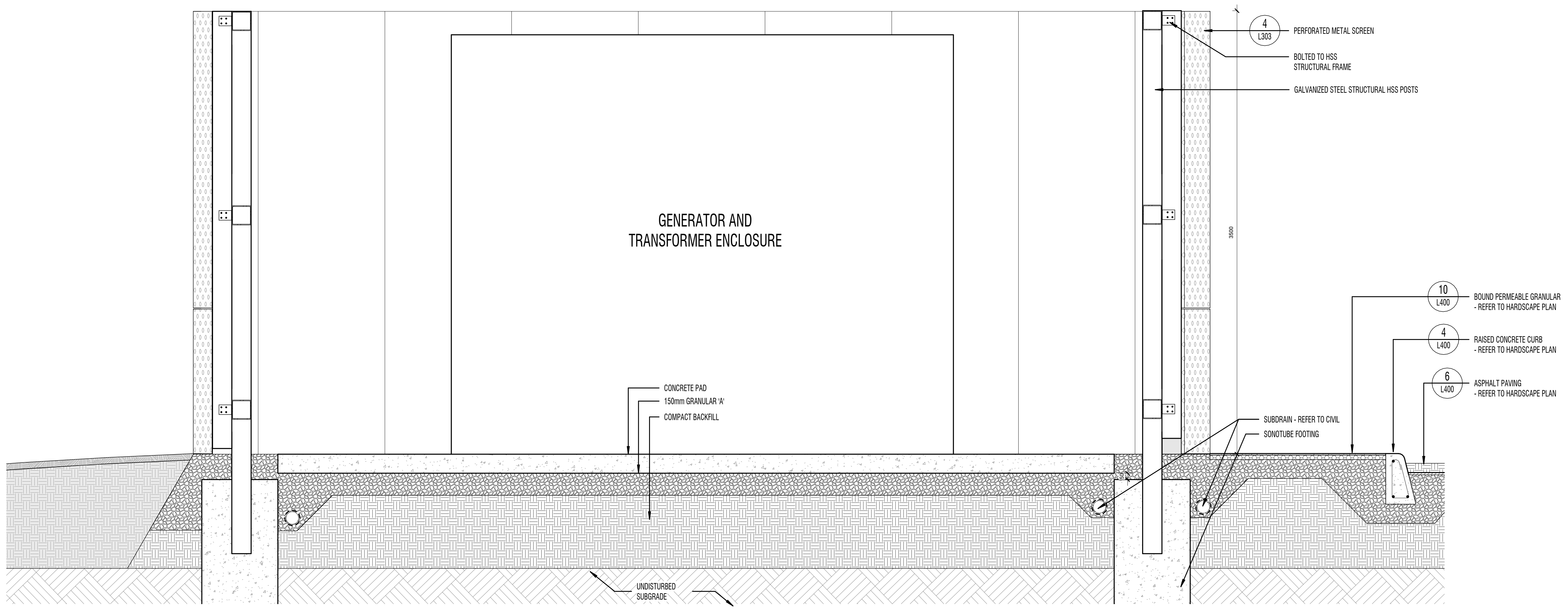
Landscape Sections
1 : 20

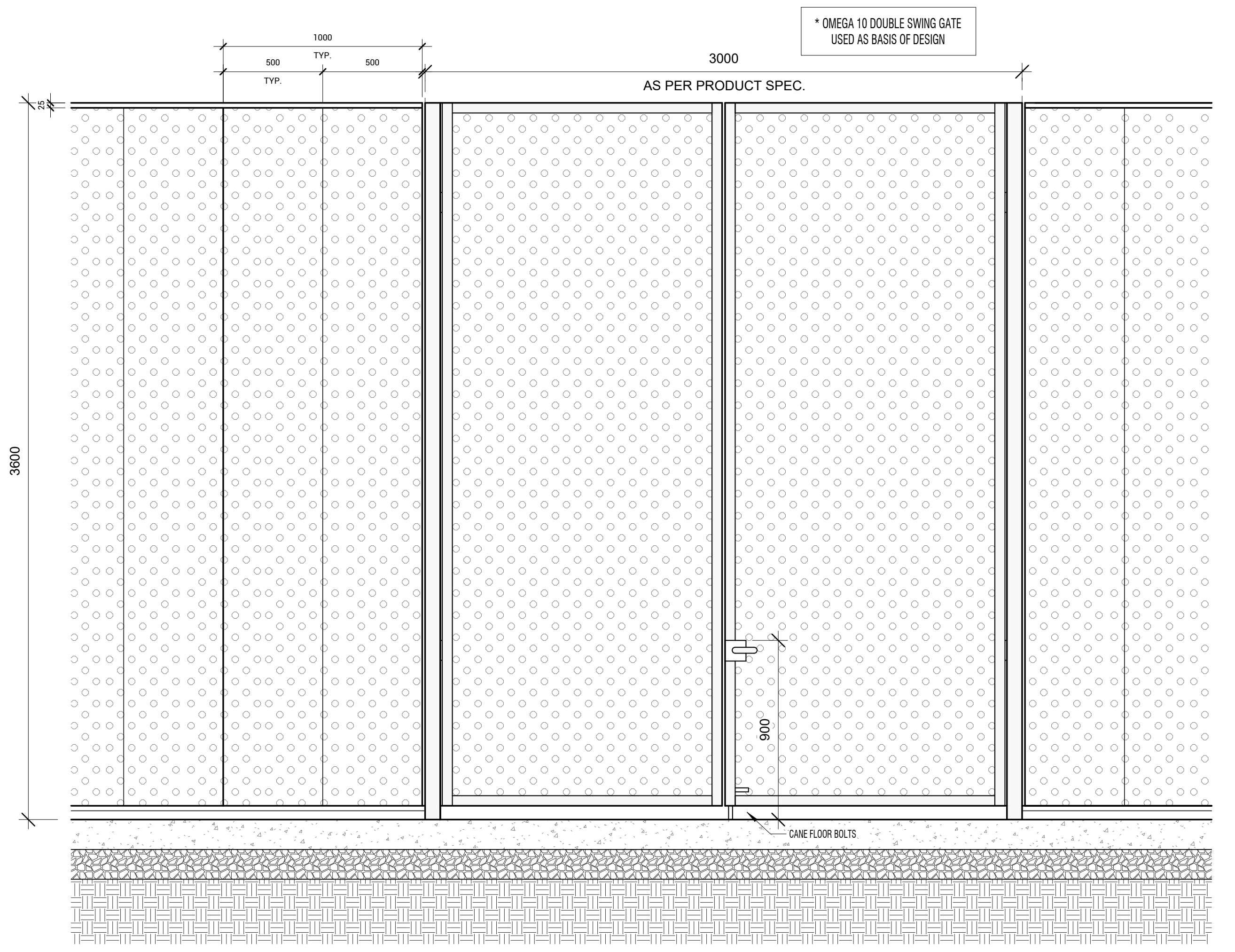
L302


150
2329
DOUBLE SWING GATE
LIGHT STANDARD
- REFER TO LIGHTING PLAN
DOUBLE SWING GATE
2
L303
DOUBLE SWING GATE
LIGHT STANDARD
- REFER TO LIGHTING PLAN
CMU WALL
ENCLOSURE PARTITION
1500
1500
3962
GENERATOR - REFER TO ELECTRICAL
GENERATOR - REFER TO ELECTRICAL
TRANSFORMER
- REFER TO ELECTRICAL
14000
1500
14000
1500
1500
2330
1500
LANDSCAPE SETBACK
2326
1220
2380
4680
2
L303

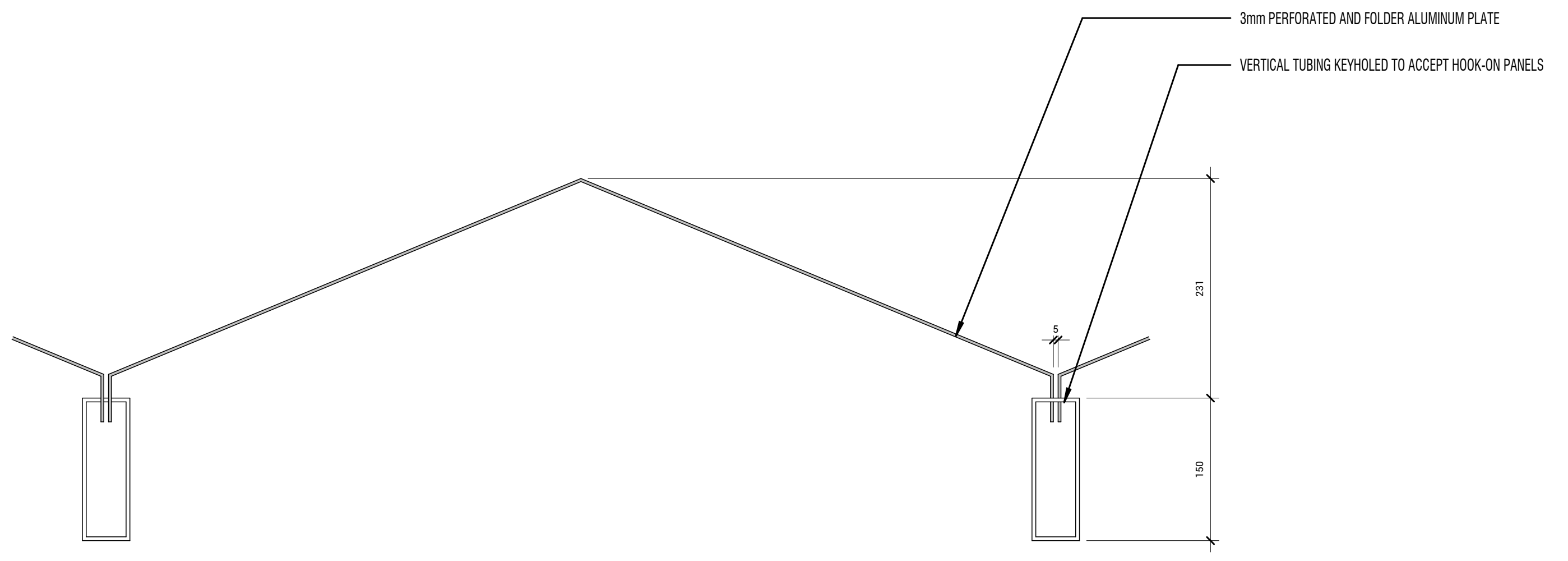
1
L303
GENERATOR AND TRANSFORMER ENCLOSURE


4
L303
PERFORATED METAL SCREEN
BOLTED TO HSS
STRUCTURAL FRAME
GALVANIZED STEEL STRUCTURAL HSS POSTS
GENERATOR AND
TRANSFORMER ENCLOSURE
3500
10
L400
BOUND PERMEABLE GRANULAR
- REFER TO HARDSCAPE PLAN
4
L400
RAISED CONCRETE CURB
- REFER TO HARDSCAPE PLAN
6
L400
ASPHALT PAVING
- REFER TO HARDSCAPE PLAN
CONCRETE PAD
150mm GRANULAR 'A'
COMPACT BACKFILL
SUBDRAIN - REFER TO CIVIL
SONOTUBE FOOTING
UNDISTURBED
SUBGRADE

2
L303
GENERATOR AND TRANSFORMER ENCLOSURE


* OMEGA 10 DOUBLE SWING GATE
USED AS BASIS OF DESIGN
1000
500
TYP.
500
TYP.
3000
AS PER PRODUCT SPEC.
25
3600
900
CANE FLOOR BOLTS

3
L303
TYP. PERFORATED SCREEN - ELEVATION @ DOUBLE SWING DOOR


3mm PERFORATED AND FOLDER ALUMINUM PLATE
VERTICAL TUBING KEYHOLED TO ACCEPT HOOK-ON PANELS
231
5
180

4
L303
PERFORATED SCREEN PLAN DETAIL

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Landscape Sections
As indicated
L303

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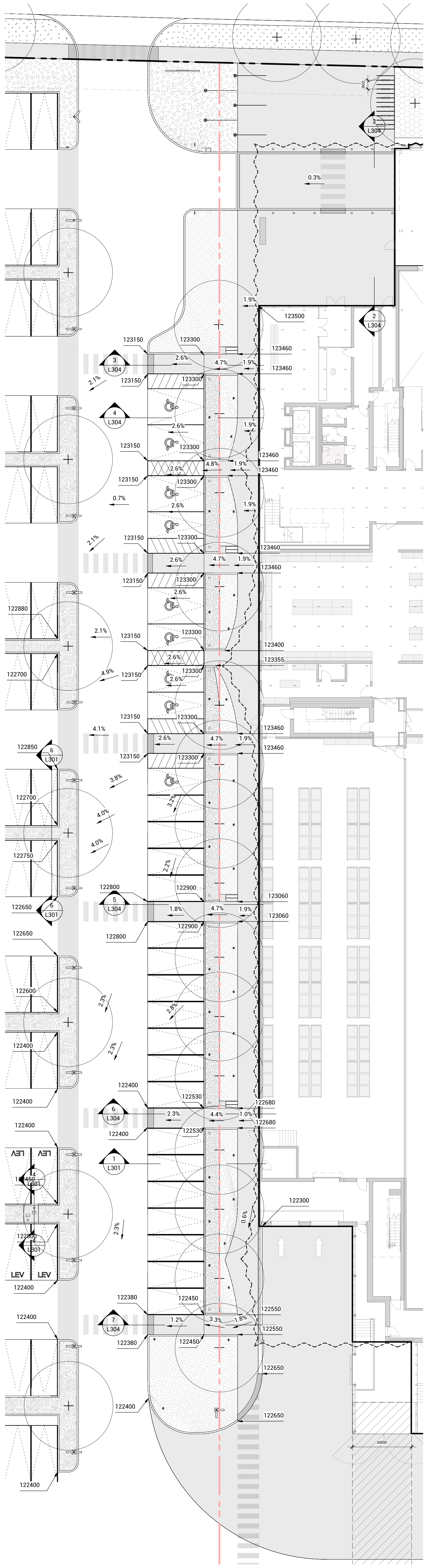
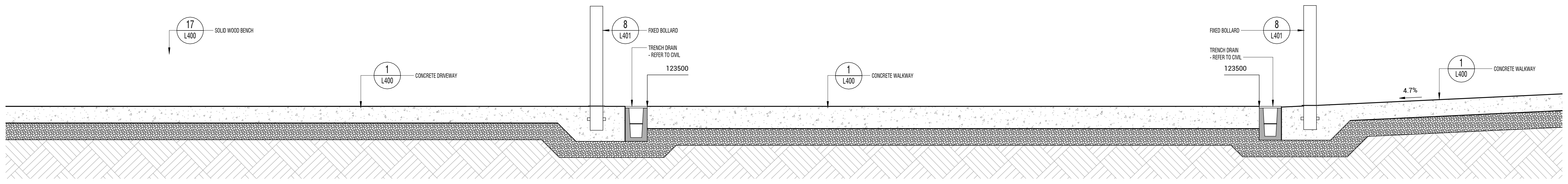
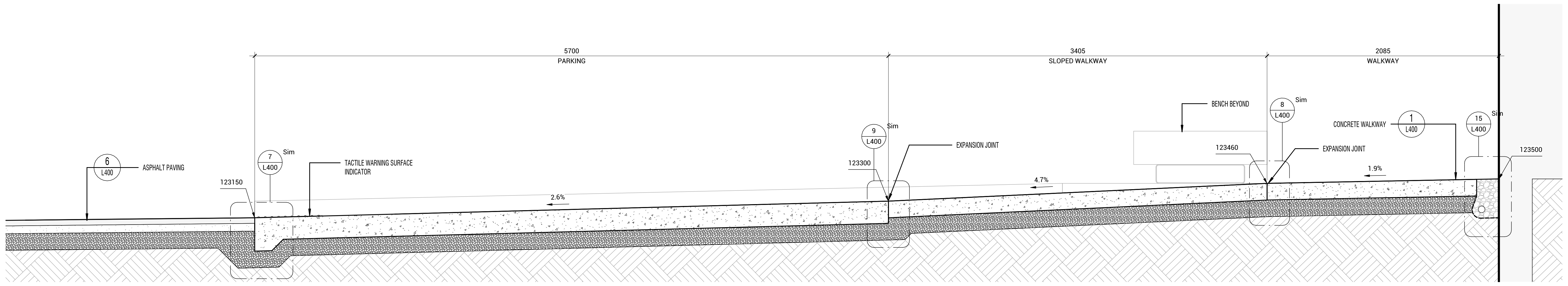

0.3%
1.9%
123500
123460
123150
123300
2.6%
4.7%
1.9%
2.1%
4.8%
0.7%
123355
123400
122880
122700
122850
122750
122650
122800
122900
123060
122600
122400
122530
122680
122300
122380
122450
122550
122650
4.1%
3.8%
4.0%
2.3%
4.4%
1.0%
1.2%
3.3%
1.8%
LEV
L301
L304
5000

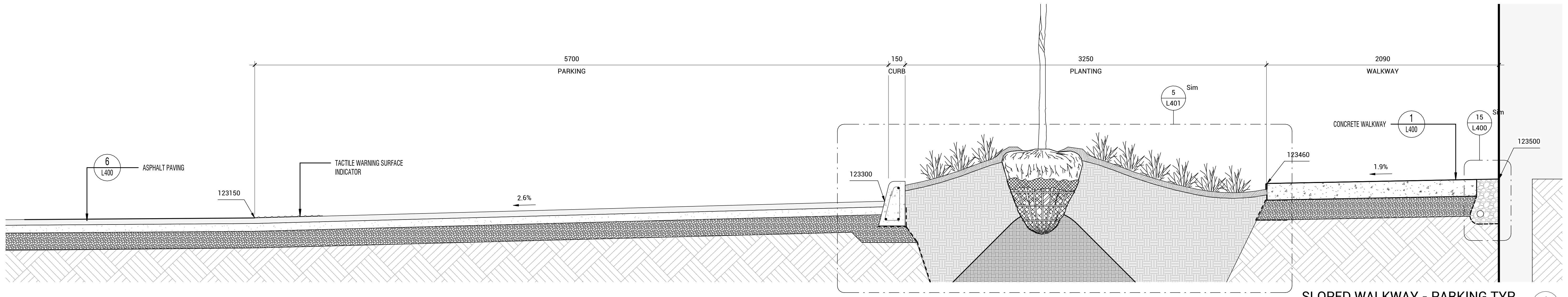
West Walkway and Parking
1 : 200
1
L304


17
L400
SOLID WOOD BENCH
1
L400
CONCRETE DRIVEWAY
8
L401
FIXED BOLLARD
TRENCH DRAIN
- REFER TO CIVIL
123500
1
L400
CONCRETE WALKWAY
FIXED BOLLARD
8
L401
TRENCH DRAIN
- REFER TO CIVIL
123500
4.7%
1
L400
CONCRETE WALKWAY

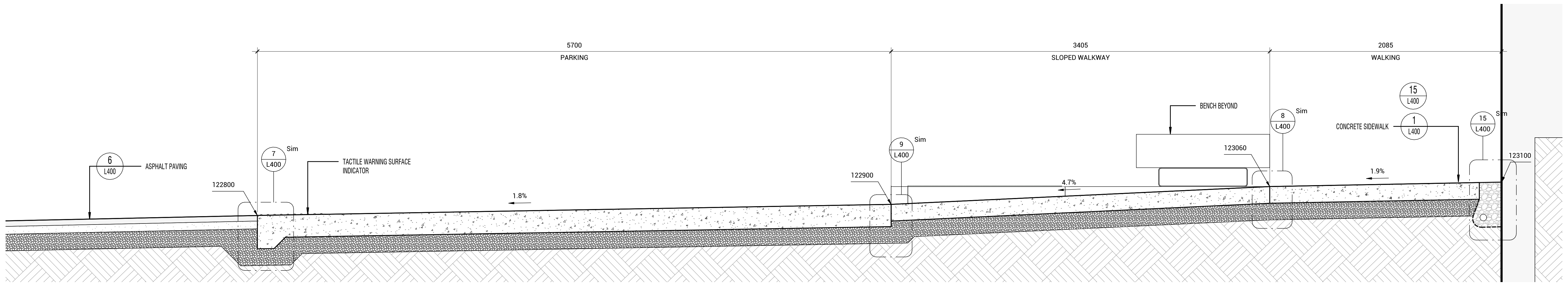
ENTRANCE FORECOURT
1 : 20
2
L304


5700
PARKING
3405
SLOPED WALKWAY
2085
WALKWAY
6
L400
ASPHALT PAVING
123150
7
L400
Sim
TACTILE WARNING SURFACE
INDICATOR
2.6%
123300
9
L400
Sim
EXPANSION JOINT
4.7%
BENCH BEYOND
123460
8
L400
Sim
EXPANSION JOINT
CONCRETE WALKWAY
1
L400
1.9%
15
L400
Sim
123500

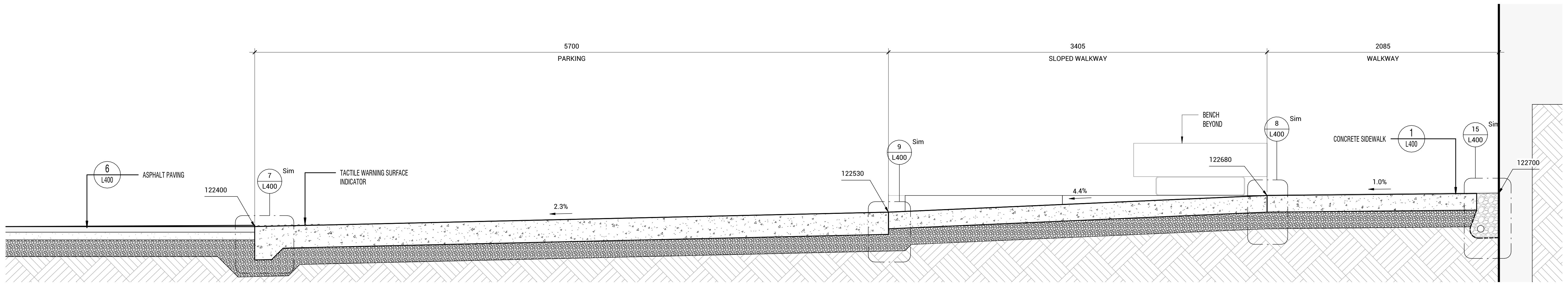
SLOPED WALWAY - PATH TYP.
1 : 20
3
L304


5700
PARKING
150
CURB
3250
PLANTING
2090
WALKWAY
5
L401
Sim
6
L400
ASPHALT PAVING
TACTILE WARNING SURFACE
INDICATOR
123150
2.6%
123300
123460
CONCRETE WALKWAY
1
L400
1.9%
15
L400
Sim
123500

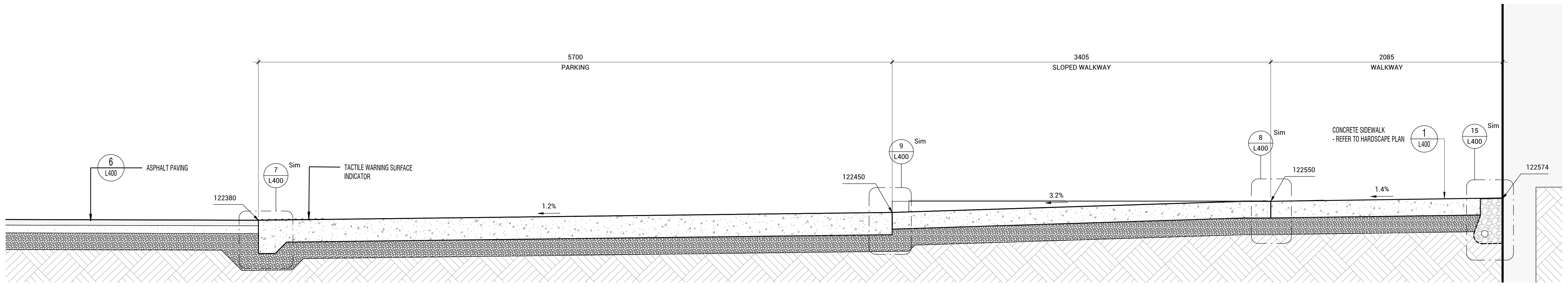
SLOPED WALKWAY - PARKING TYP.
1 : 20
4
L304


5700
PARKING
3405
SLOPED WALKWAY
2085
WALKING
6
L400
ASPHALT PAVING
7
L400
Sim
TACTILE WARNING SURFACE
INDICATOR
122800
1.8%
122900
9
L400
Sim
4.7%
BENCH BEYOND
123060
8
L400
Sim
15
L400
CONCRETE SIDEWALK
1
L400
1.9%
15
L400
Sim
123100

SLOPED WALKWAY - PATH 1
1 : 20
5
L304


5700
PARKING
3405
SLOPED WALKWAY
2085
WALKWAY
6
L400
ASPHALT PAVING
7
L400
Sim
TACTILE WARNING SURFACE
INDICATOR
122400
2.3%
122530
9
L400
Sim
4.4%
BENCH
BEYOND
122680
8
L400
Sim
CONCRETE SIDEWALK
1
L400
1.0%
15
L400
Sim
122700

SLOPED WALKWAY - PATH 2
1 : 20
6
L304


5700
PARKING
3405
SLOPED WALKWAY
2085
WALKWAY
6
L400
ASPHALT PAVING
7
L400
Sim
TACTILE WARNING SURFACE
INDICATOR
122380
1.2%
122450
9
L400
Sim
3.2%
8
L400
Sim
122550
CONCRETE SIDEWALK
- REFER TO HARDSCAPE PLAN
1
L400
1.4%
15
L400
Sim
122574

SLOPED WALKWAY - PATH 3
1 : 20
7
L304

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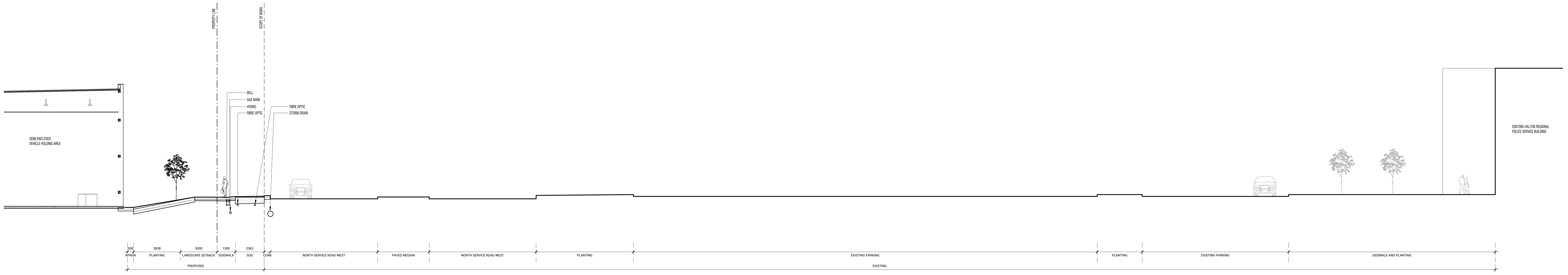
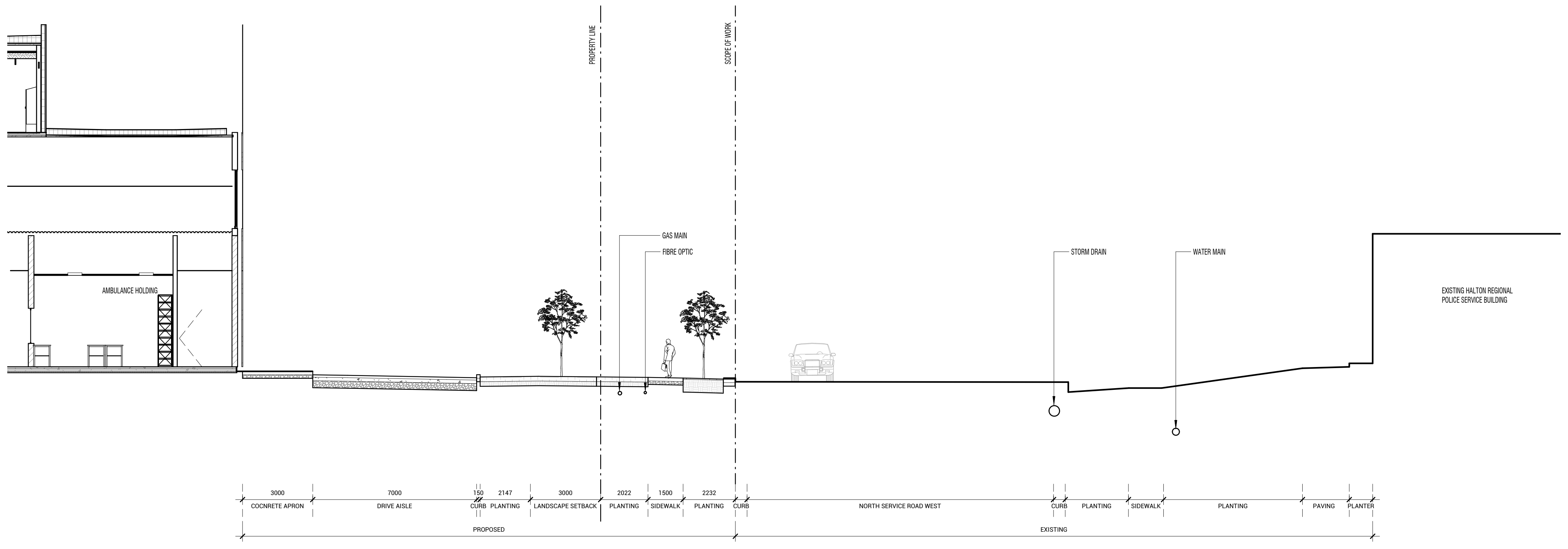
Landscape Section
As indicated
L304

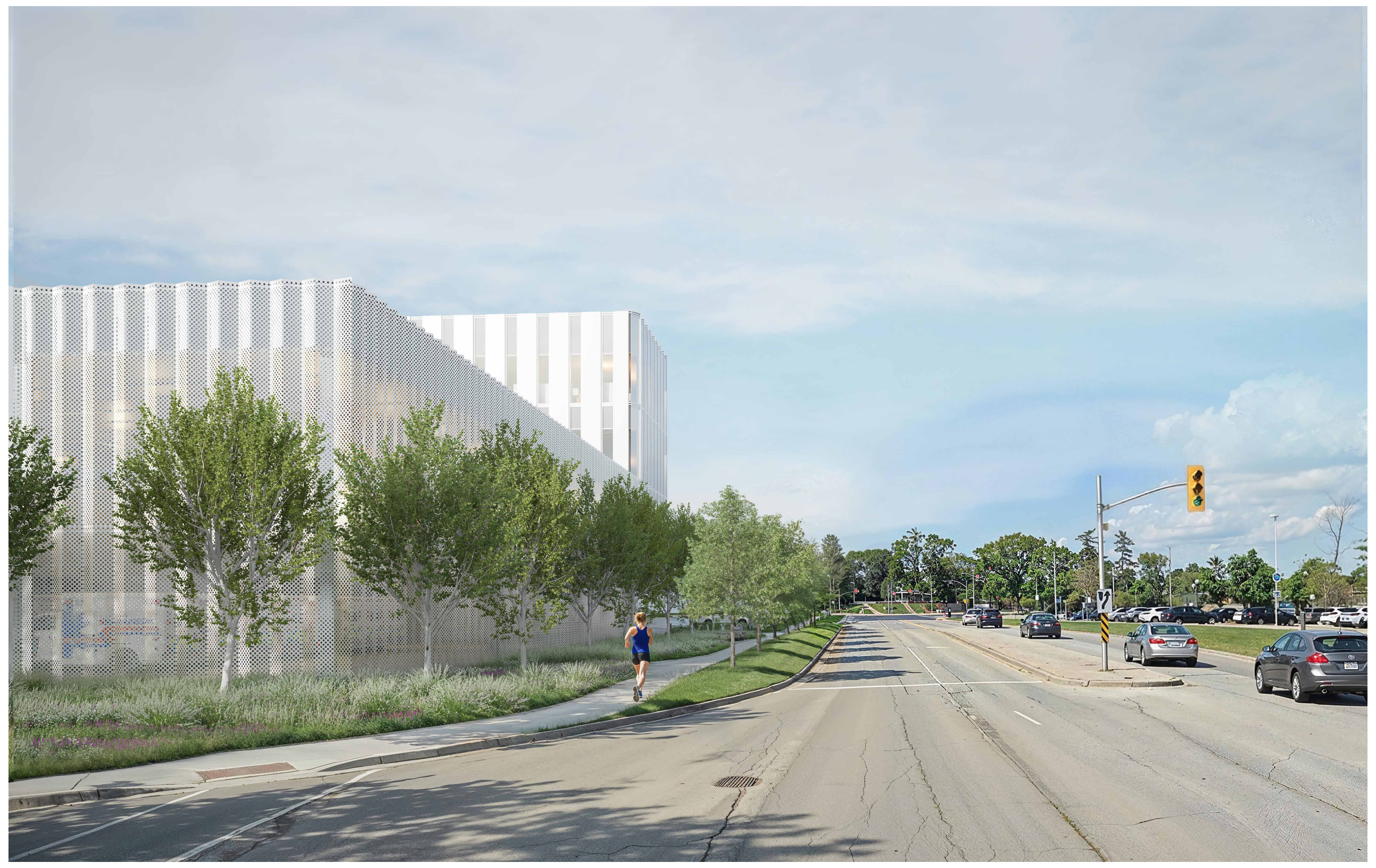

PROPERTY LINE
SCOPE OF WORK
SEMI-ENCLOSED
VEHICLE HOLDING AREA
BELL
GAS MAIN
HYDRO
FIBRE OPTIC
FIBRE OPTIC
STORM DRAIN
EXISTING HALTON REGIONAL
POLICE SERVICE BUILDING
500
APRON
3838
PLANTING
3000
LANDSCAPE SETBACK
1500
SIDEWALK
2363
SOD
CURB
NORTH SERVICE ROAD WEST
PAVED MEDIAN
NORTH SERVICE ROAD WEST
PLANTING
EXISTING PARKING
PLANTING
EXISTING PARKING
SIDEWALK AND PLANTING
PROPOSED
EXISTING

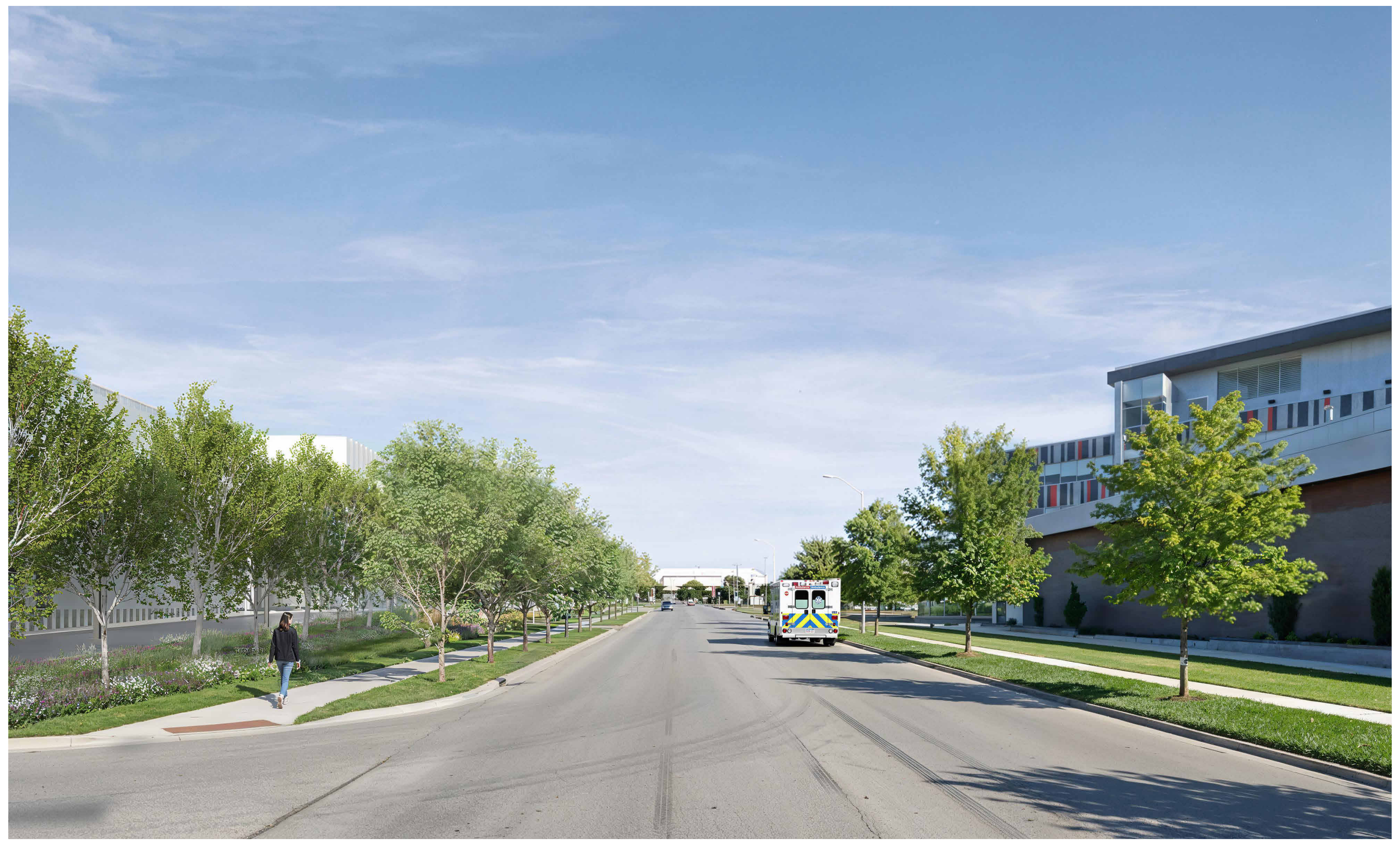
1 L305 STREETSCAPE SECTION - N-S THROUGH NORTH SERVICE RD W


PROPERTY LINE
SCOPE OF WORK
AMBULANCE HOLDING
GAS MAIN
FIBRE OPTIC
STORM DRAIN
WATER MAIN
EXISTING HALTON REGIONAL
POLICE SERVICE BUILDING
3000
COCNRETE APRON
7000
DRIVE AISLE
150
CURB
2147
PLANTING
3000
LANDSCAPE SETBACK
2022
PLANTING
1500
SIDEWALK
2232
PLANTING
CURB
NORTH SERVICE ROAD WEST
CURB
PLANTING
SIDEWALK
PLANTING
PAVING
PLANTER
PROPOSED
EXISTING

NOTE: DEPTHS OF UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND BASED ON TYPICAL INSTALLATION PRACTICES. ACTUAL LOCATIONS AND DEPTHS SHALL BE VERIFIED BY SUE QUALITY LEVEL B/A INVESTIGATION.

2 L305 STREETSCAPE SECTION - E-W THROUGH NORTH SERVICE RD W


VIEW LOOKING WEST AT NORTH SERVICE ROAD NORTH SIDE.


VIEW LOOKING NORTH FROM NORTH SERVICE ROAD EAST SIDE ADJACENT TO HALTON REGIONAL POLICE SERVICE HEADQUARTERS.

Halton
REGION

diamond schmitt
gh3*

ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS
Elise Shelley
MEMBER

Issued

No.	Date	Description
1	02/11/2026	Issued for SPA - R1
2	02/27/2026	Issued for 90% Design Development
3	03/13/2026	Issued for 100% Design Development
4	05/22/2026	Issued for 30% Construction Documents
5	06/05/2026	Issued for Minor Variance Application
6	06/05/2026	Issued for SPA Resubmission No. 1

NOT FOR CONSTRUCTION

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Do Not Scale Drawings.

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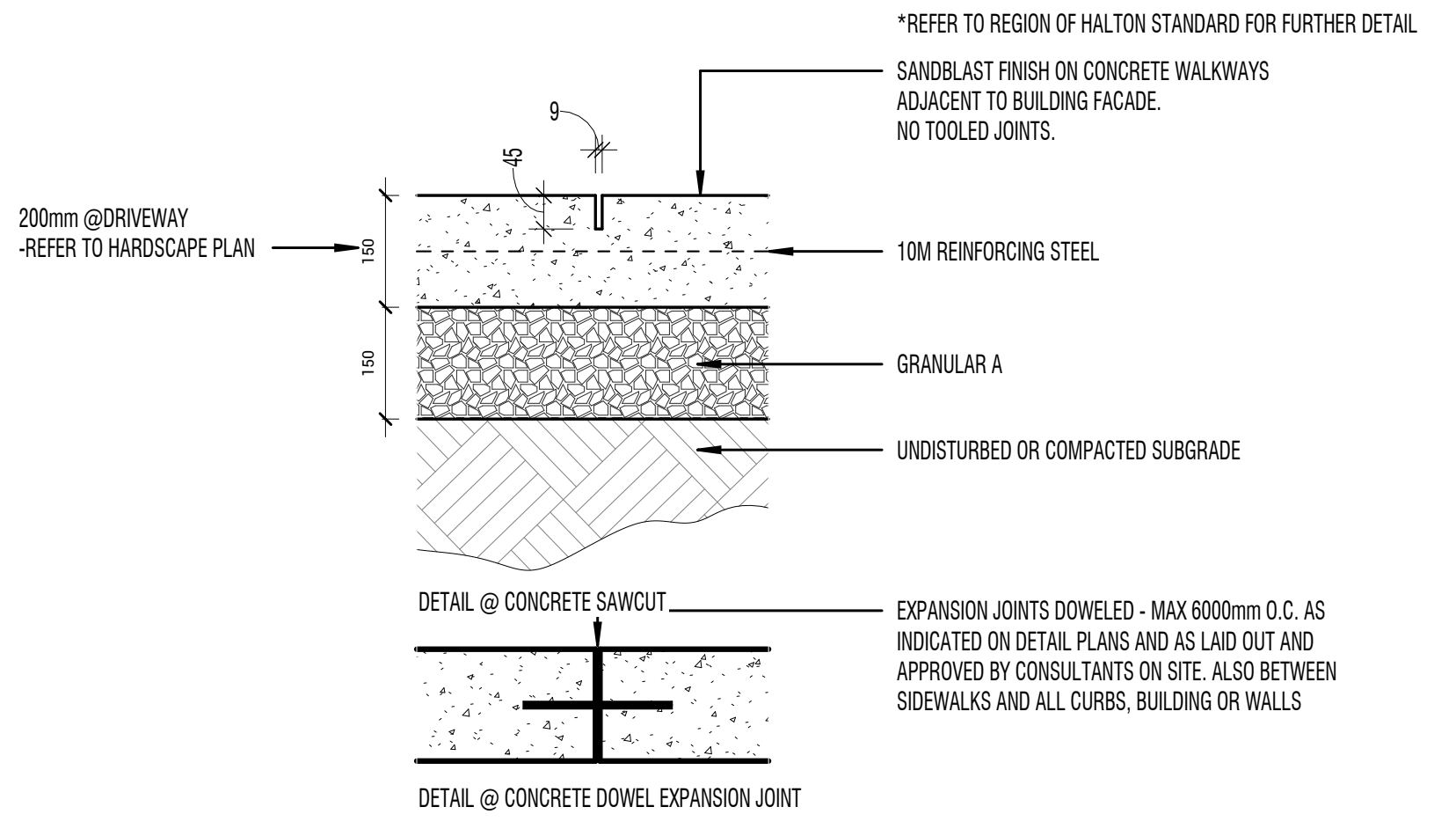
This Drawing is Not to be Used for Construction Until Signed by the Architect.

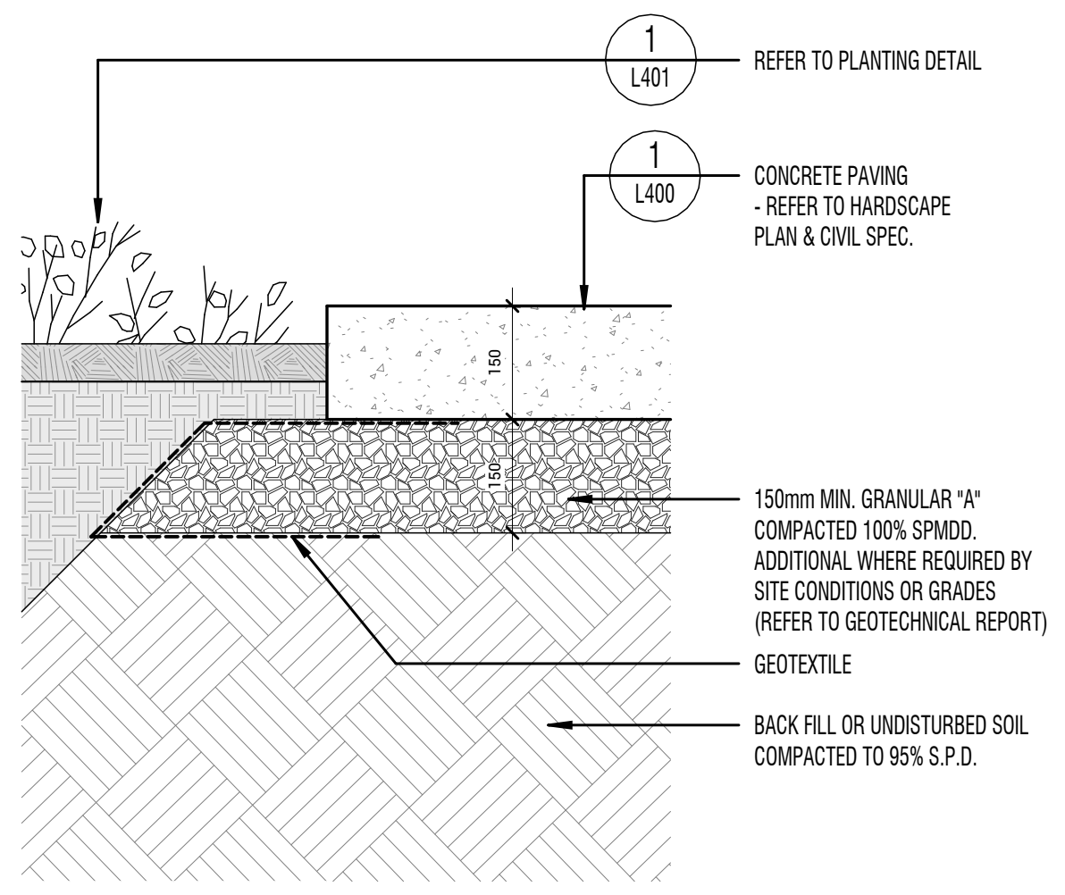
HRPS HQ + REOC
SP.1530.019
25003

Streetscape Sections
1 : 125
L305

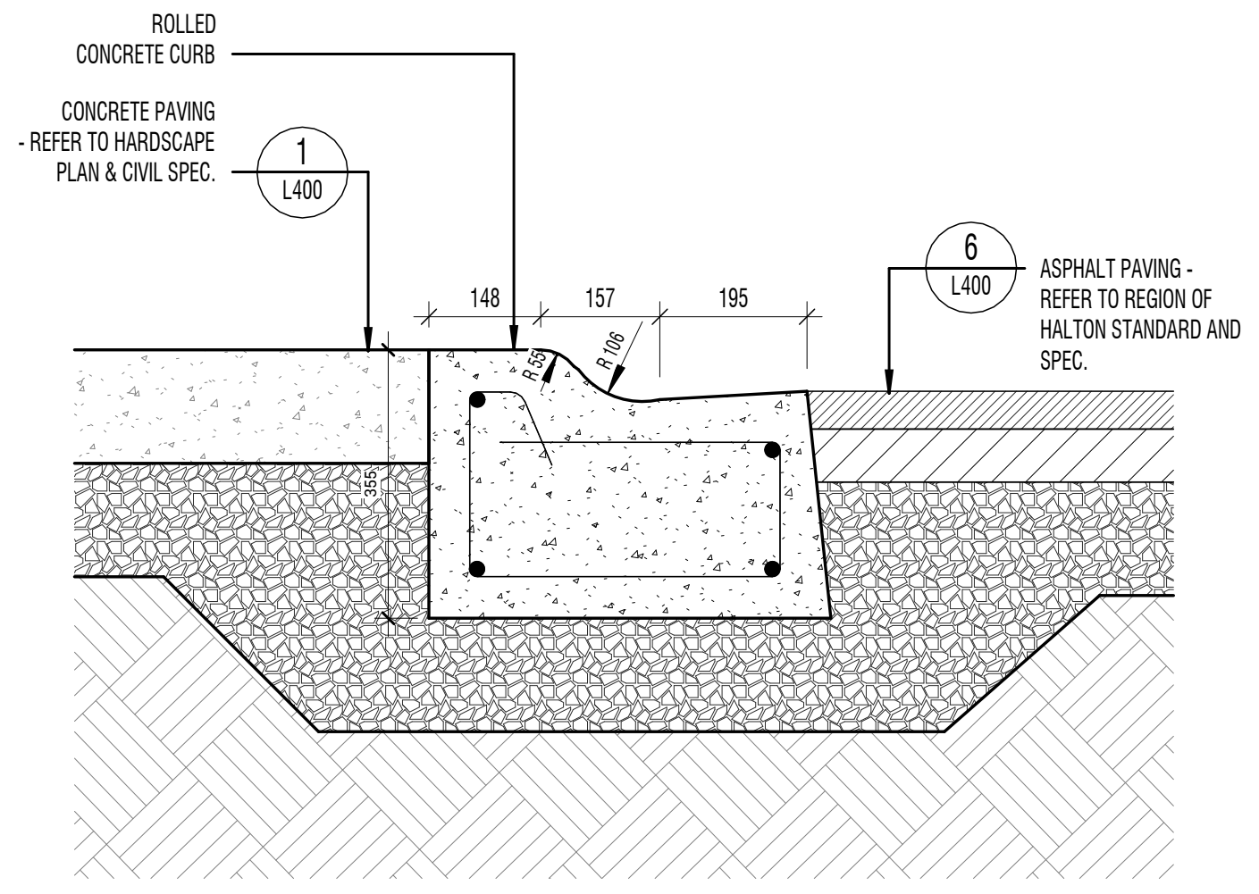
2026-06-16 3:15:47 PM


*REFER TO REGION OF HALTON STANDARD FOR FURTHER DETAIL
SANDBLAST FINISH ON CONCRETE WALKWAYS ADJACENT TO BUILDING FACADE. NO TOOLED JOINTS.
200mm @DRIVEWAY -REFER TO HARDSCAPE PLAN
9
45
150
150
10M REINFORCING STEEL
GRANULAR A
UNDISTURBED OR COMPACTED SUBGRADE
DETAIL @ CONCRETE SAWCUT
EXPANSION JOINTS DOWELED - MAX 6000mm O.C. AS INDICATED ON DETAIL PLANS AND AS LAID OUT AND APPROVED BY CONSULTANTS ON SITE. ALSO BETWEEN SIDEWALKS AND ALL CURBS, BUILDING OR WALLS
DETAIL @ CONCRETE DOWEL EXPANSION JOINT

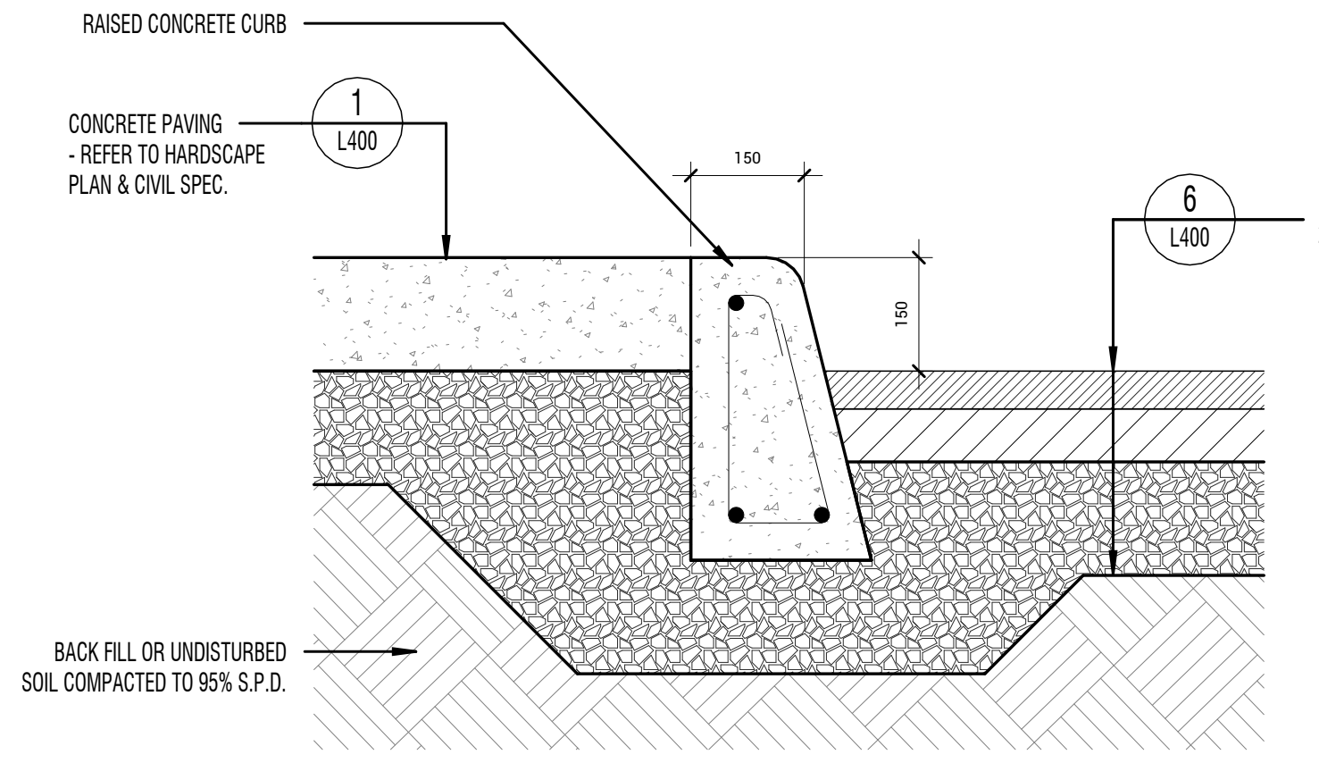
1 / L400 TYP. CONCRETE WALKWAY/DRIVEWAY


1 / L401 REFER TO PLANTING DETAIL
1 / L400 CONCRETE PAVING - REFER TO HARDSCAPE PLAN & CIVIL SPEC.
150
150
150mm MIN. GRANULAR "A" COMPACTED 100% SPMDD. ADDITIONAL WHERE REQUIRED BY SITE CONDITIONS OR GRADES (REFER TO GEOTECHNICAL REPORT)
GEOTEXTILE
BACK FILL OR UNDISTURBED SOIL COMPACTED TO 95% S.P.D.

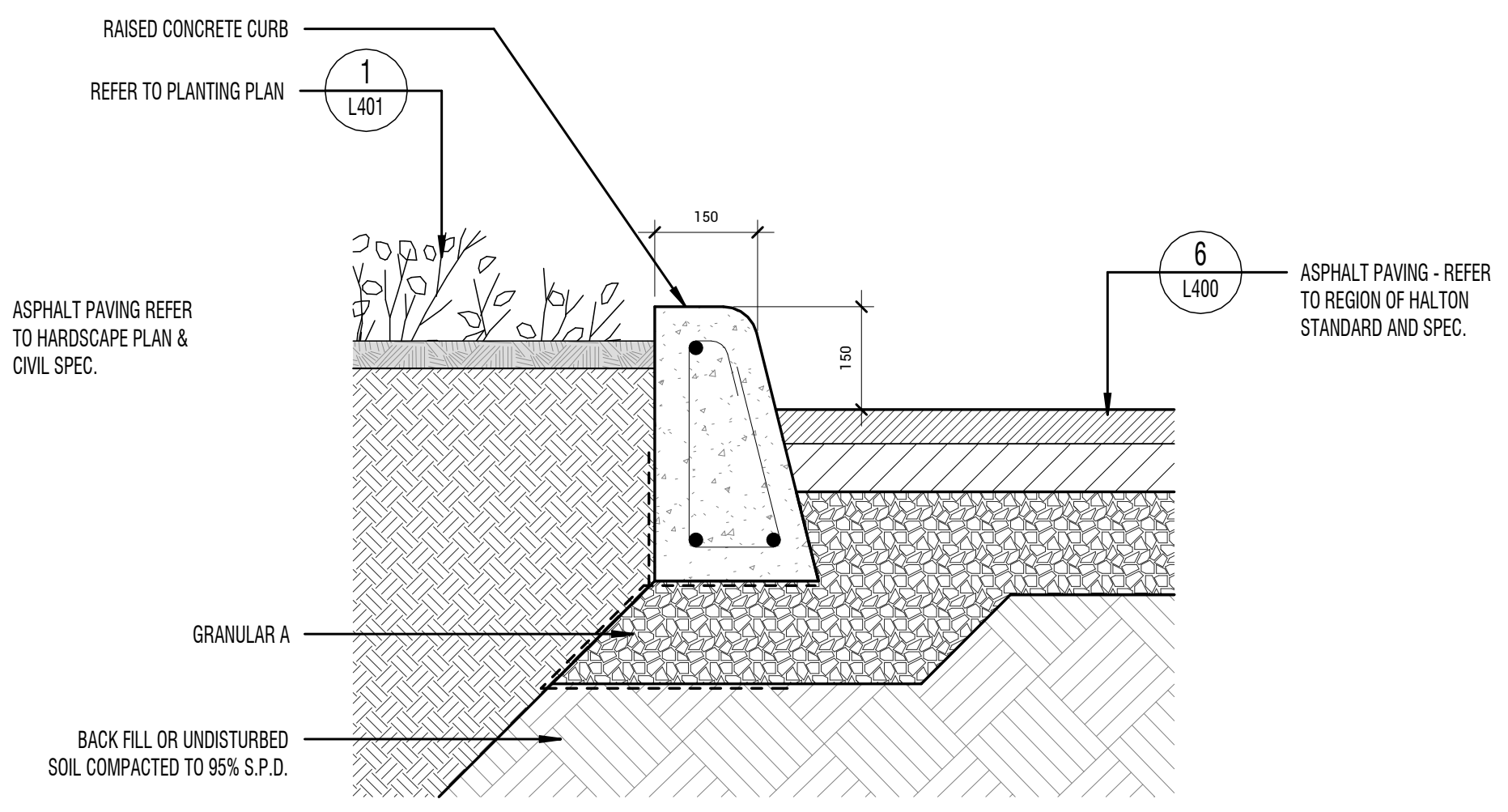
2 / L400 TYP. WALKWAY EDGE @ SOFTSCAPE


ROLLED CONCRETE CURB
CONCRETE PAVING - REFER TO HARDSCAPE PLAN & CIVIL SPEC.
1 / L400
148
157
195
R 55
R 106
355
6 / L400 ASPHALT PAVING - REFER TO REGION OF HALTON STANDARD AND SPEC.

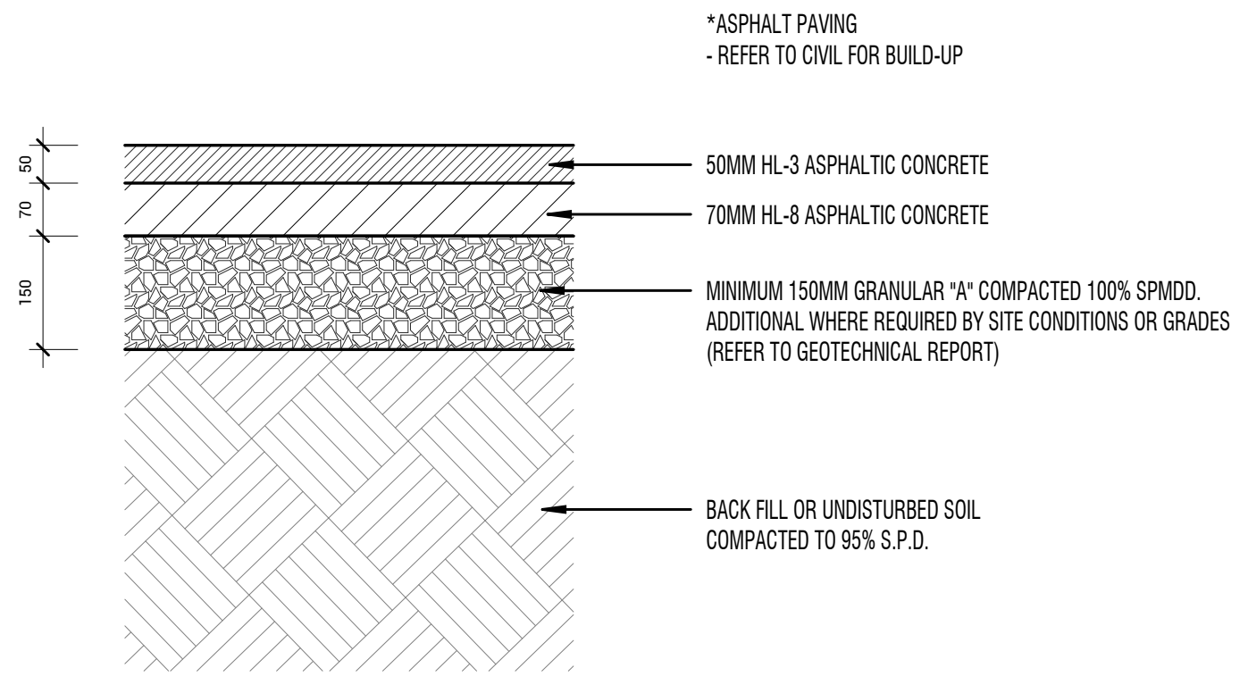
3 / L400 TYP. ROLLED CONCRETE CURB


RAISED CONCRETE CURB
CONCRETE PAVING - REFER TO HARDSCAPE PLAN & CIVIL SPEC.
1 / L400
150
150
6 / L400 ASPHALT PAVING REFER TO HARDSCAPE PLAN & CIVIL SPEC.
BACK FILL OR UNDISTURBED SOIL COMPACTED TO 95% S.P.D.

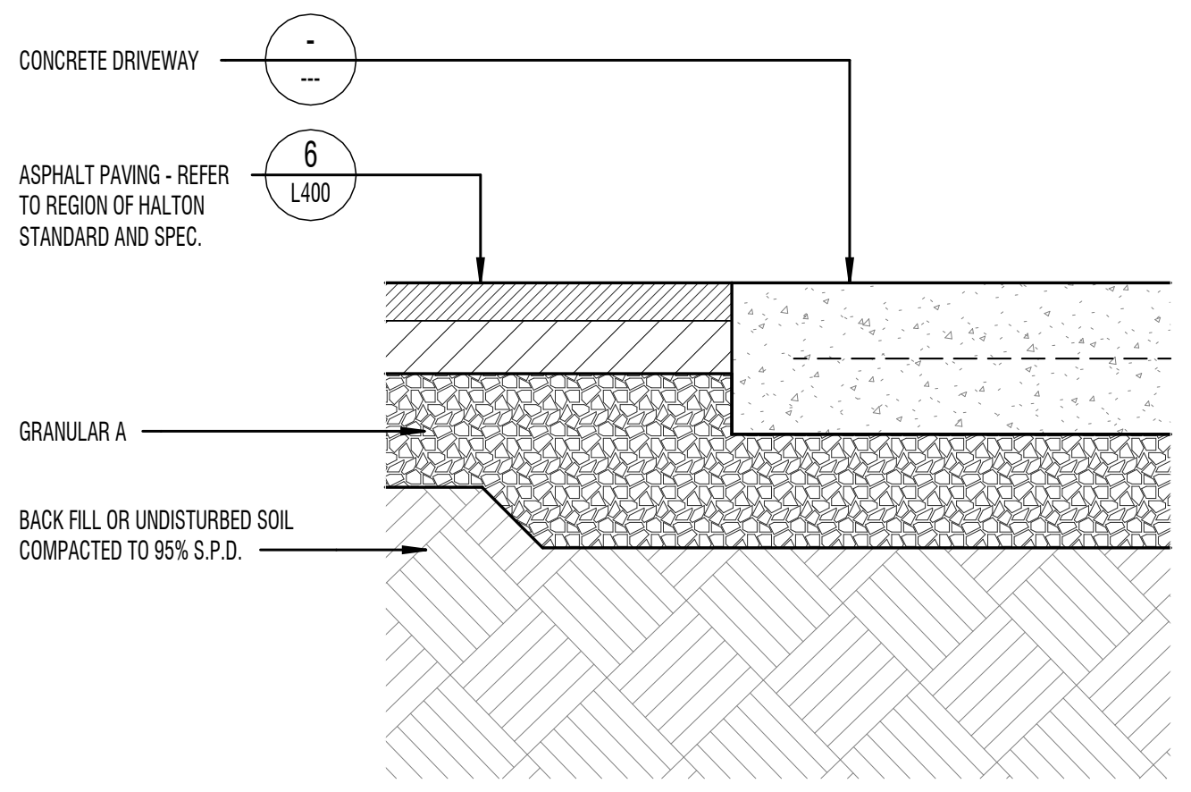
4 / L400 TYP. RAISED CONCRETE CURB


RAISED CONCRETE CURB
REFER TO PLANTING PLAN
1 / L401
150
150
6 / L400 ASPHALT PAVING - REFER TO REGION OF HALTON STANDARD AND SPEC.
GRANULAR A
BACK FILL OR UNDISTURBED SOIL COMPACTED TO 95% S.P.D.

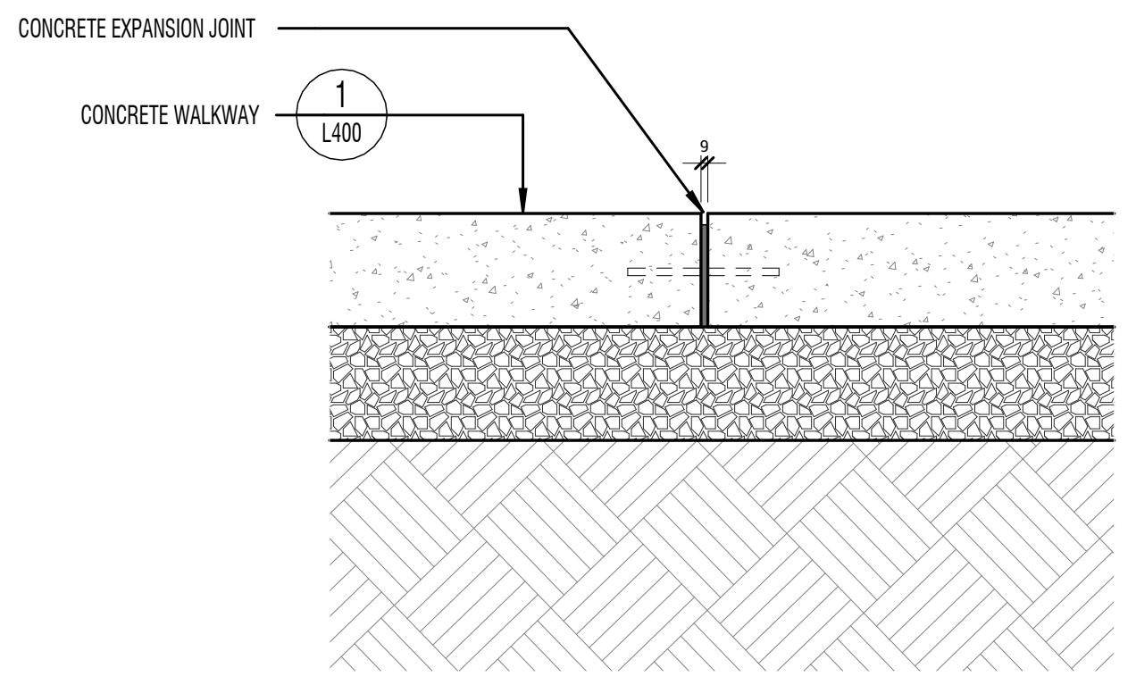
5 / L400 TYP. RAISED CONCRETE CURB @ SOFTSCAPE


*ASPHALT PAVING - REFER TO CIVIL FOR BUILD-UP
50
70
150
50MM HL-3 ASPHALTIC CONCRETE
70MM HL-8 ASPHALTIC CONCRETE
MINIMUM 150MM GRANULAR "A" COMPACTED 100% SPMDD. ADDITIONAL WHERE REQUIRED BY SITE CONDITIONS OR GRADES (REFER TO GEOTECHNICAL REPORT)
BACK FILL OR UNDISTURBED SOIL COMPACTED TO 95% S.P.D.

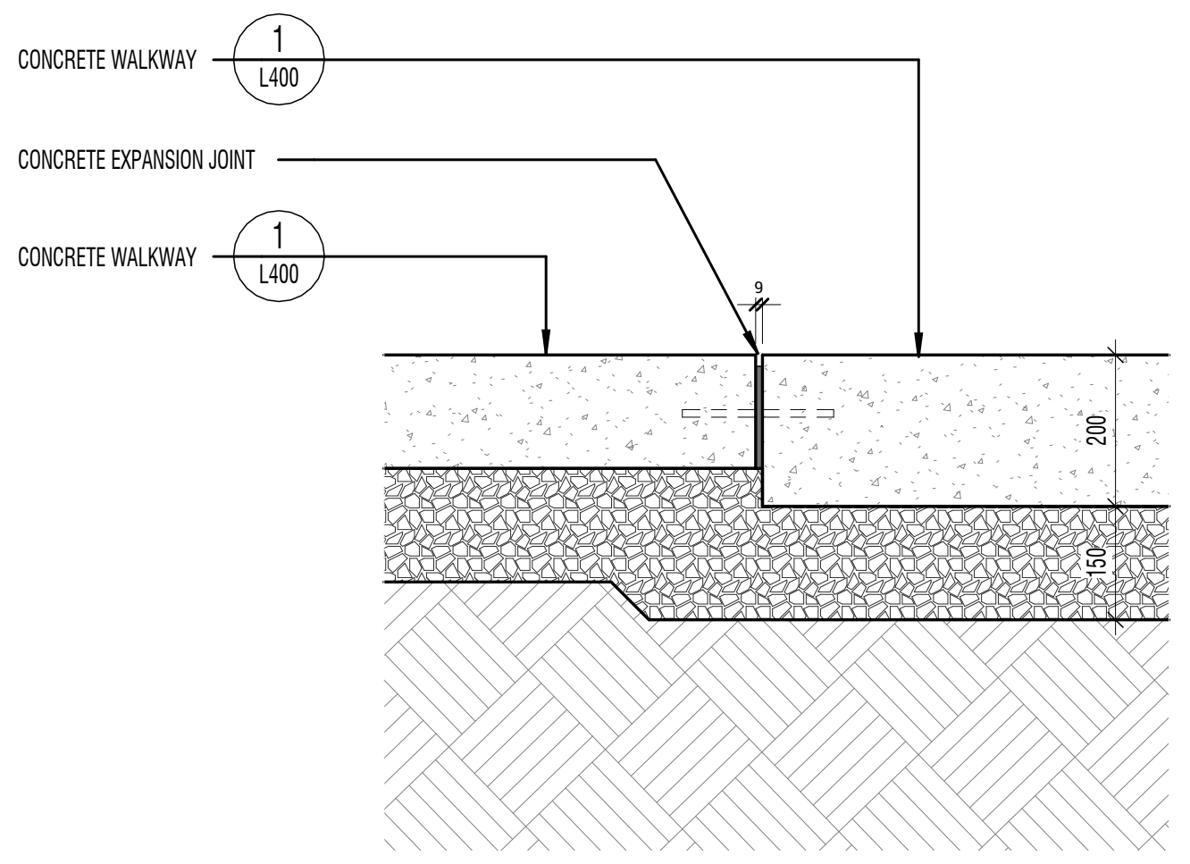
6 / L400 TYP. ASPHALT PAVING DETAIL


CONCRETE DRIVEWAY
- / ---
ASPHALT PAVING - REFER TO REGION OF HALTON STANDARD AND SPEC.
6 / L400
GRANULAR A
BACK FILL OR UNDISTURBED SOIL COMPACTED TO 95% S.P.D.

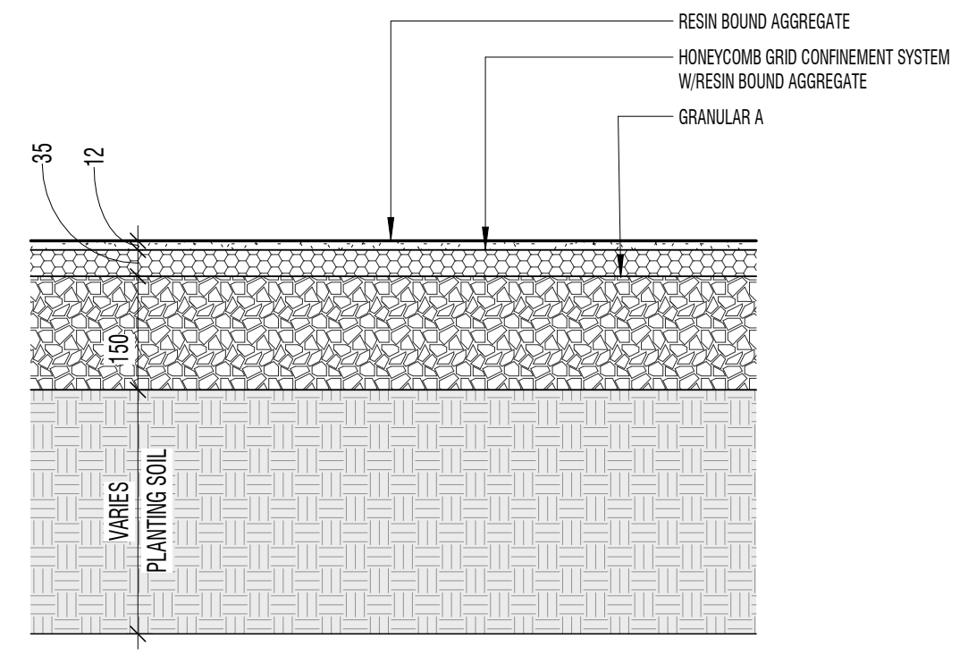
7 / L400 TYP. ASPHALT EDGE @ CONCRETE DRIVEWAY


CONCRETE EXPANSION JOINT
CONCRETE WALKWAY
1 / L400
9

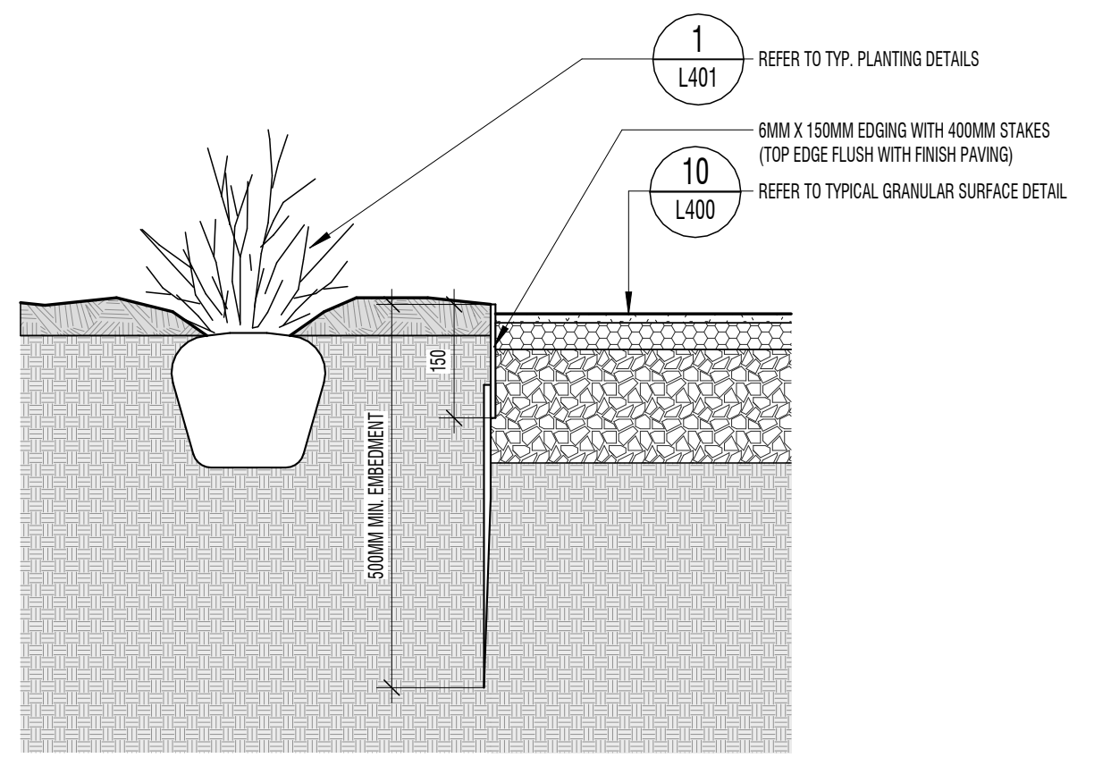
8 / L400 TYP. CONCRETE EXPANSION JOINT @CONCRETE WALKWAY


CONCRETE WALKWAY
1 / L400
CONCRETE EXPANSION JOINT
CONCRETE WALKWAY
1 / L400
9
200
150

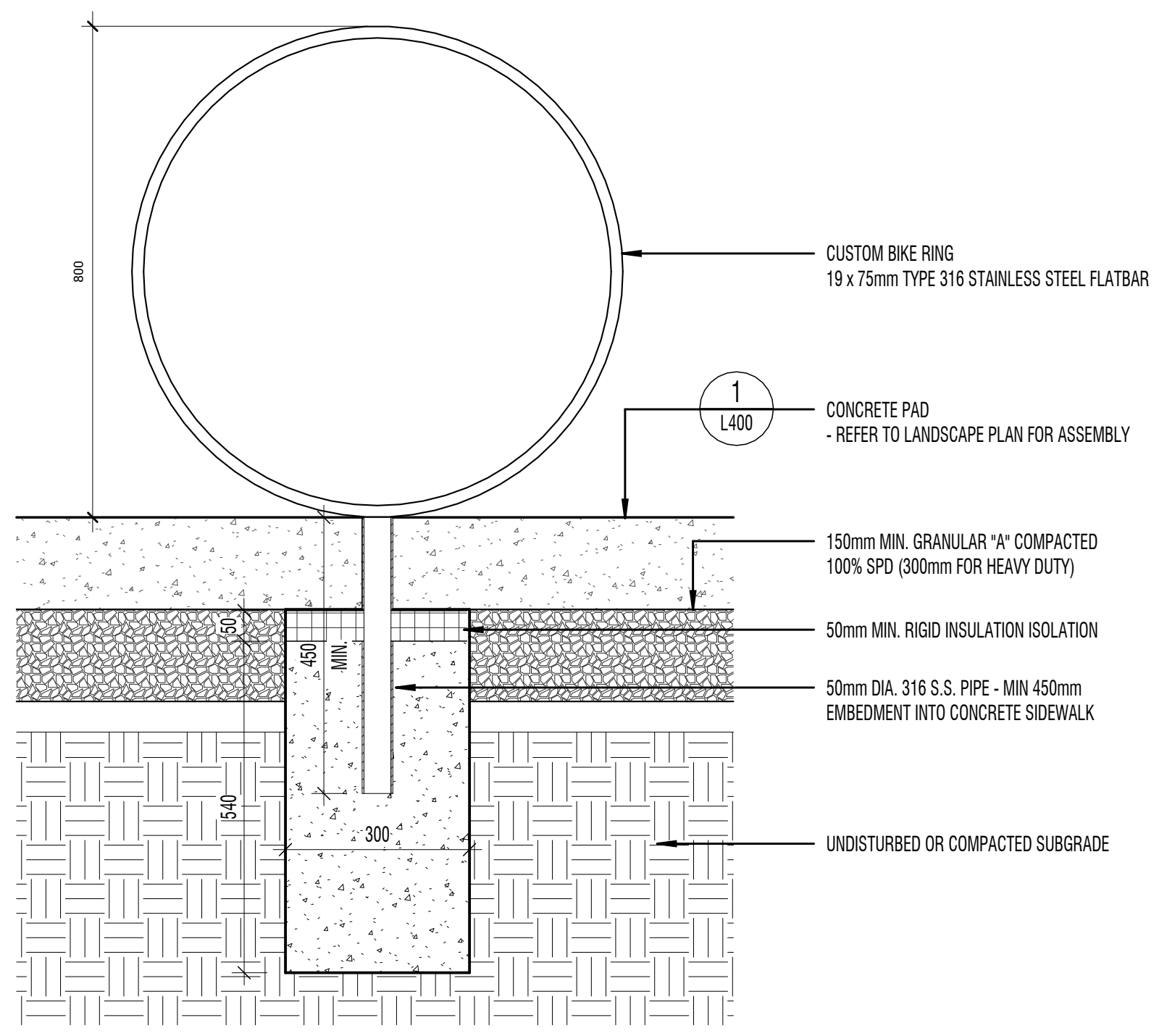
9 / L400 TYP. CONCRETE EXPANSION JOINT @CONCRETE DRIVEWAY


RESIN BOUND AGGREGATE
HONEYCOMB GRID CONFINEMENT SYSTEM W/RESIN BOUND AGGREGATE
GRANULAR A
35
12
150
VARIES
PLANTING SOIL

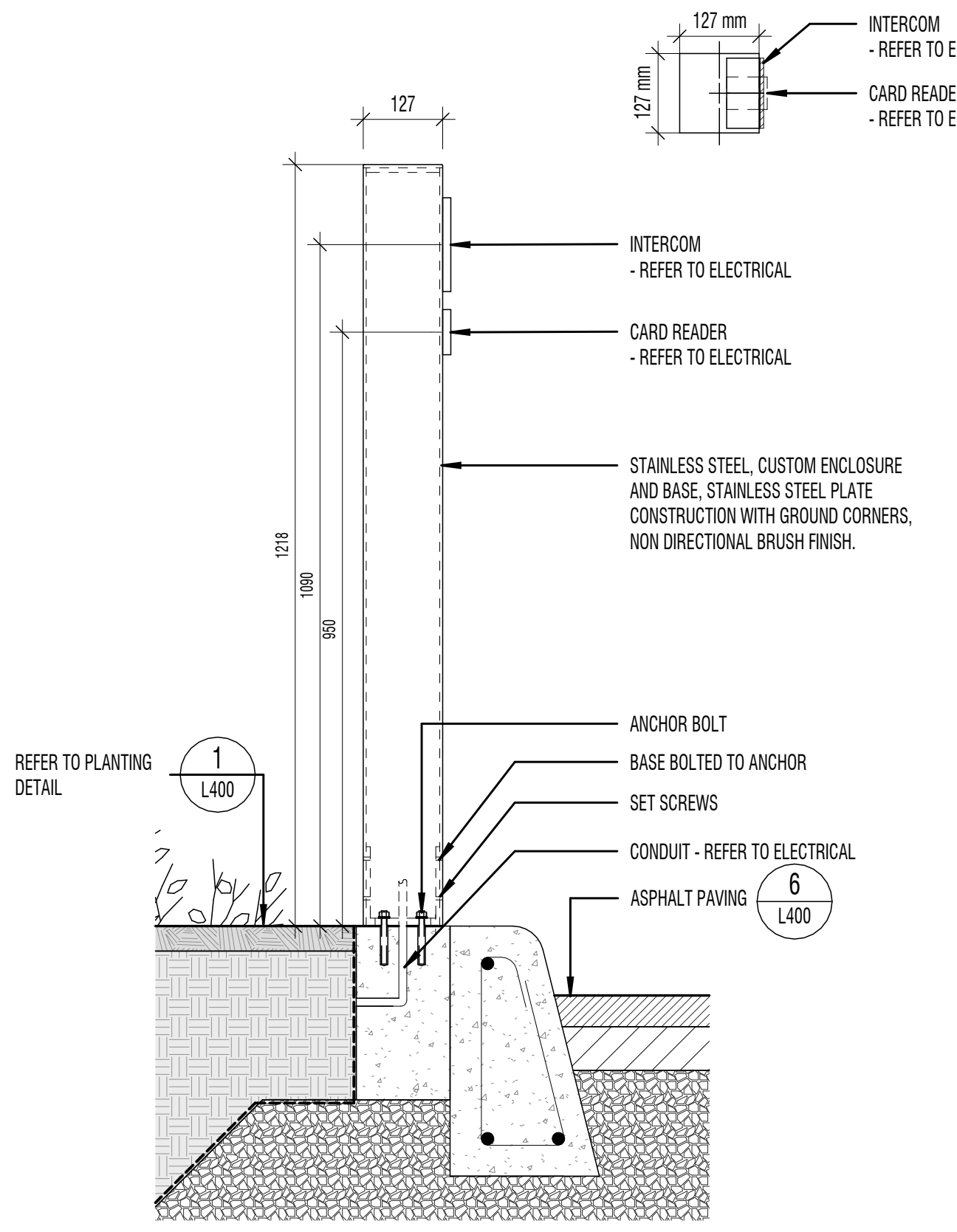
10 / L400 TYP. BOUND PERMEABLE GRANULAR DETAIL


1 / L401 REFER TO TYP. PLANTING DETAILS
6MM X 150MM EDGING WITH 400MM STAKES (TOP EDGE FLUSH WITH FINISH PAVING)
10 / L400 REFER TO TYPICAL GRANULAR SURFACE DETAIL
150
500MM MIN. EMBEDMENT

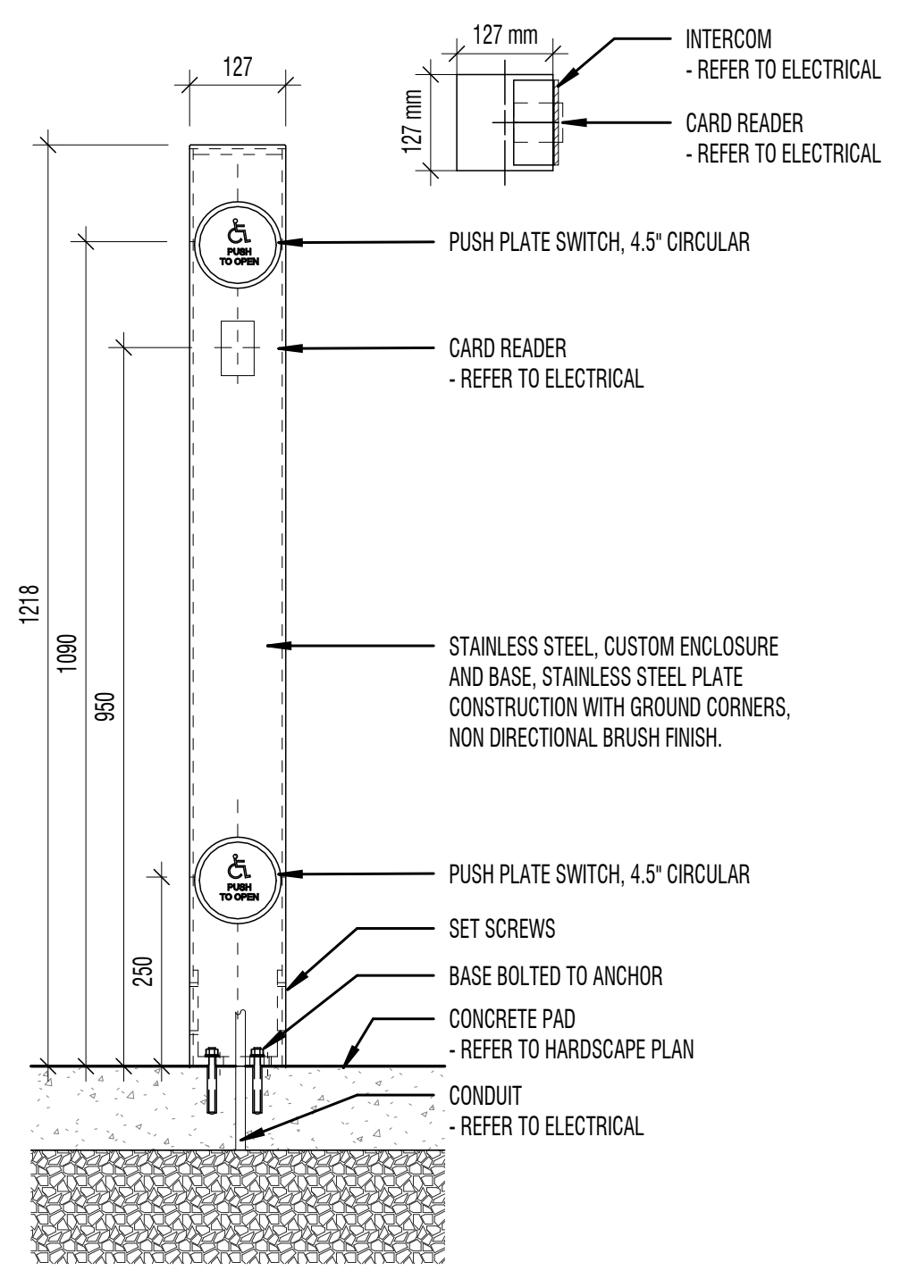
11 / L400 TYP. BOUND PERMEABLE GRANULAR EDGE DETAIL


800
CUSTOM BIKE RING 19 x 75mm TYPE 316 STAINLESS STEEL FLATBAR
1 / L400 CONCRETE PAD - REFER TO LANDSCAPE PLAN FOR ASSEMBLY
150mm MIN. GRANULAR "A" COMPACTED 100% SPD (300mm FOR HEAVY DUTY)
50mm MIN. RIGID INSULATION ISOLATION
50mm DIA. 316 S.S. PIPE - MIN 450mm EMBEDMENT INTO CONCRETE SIDEWALK
50
450 MIN.
540
300
UNDISTURBED OR COMPACTED SUBGRADE

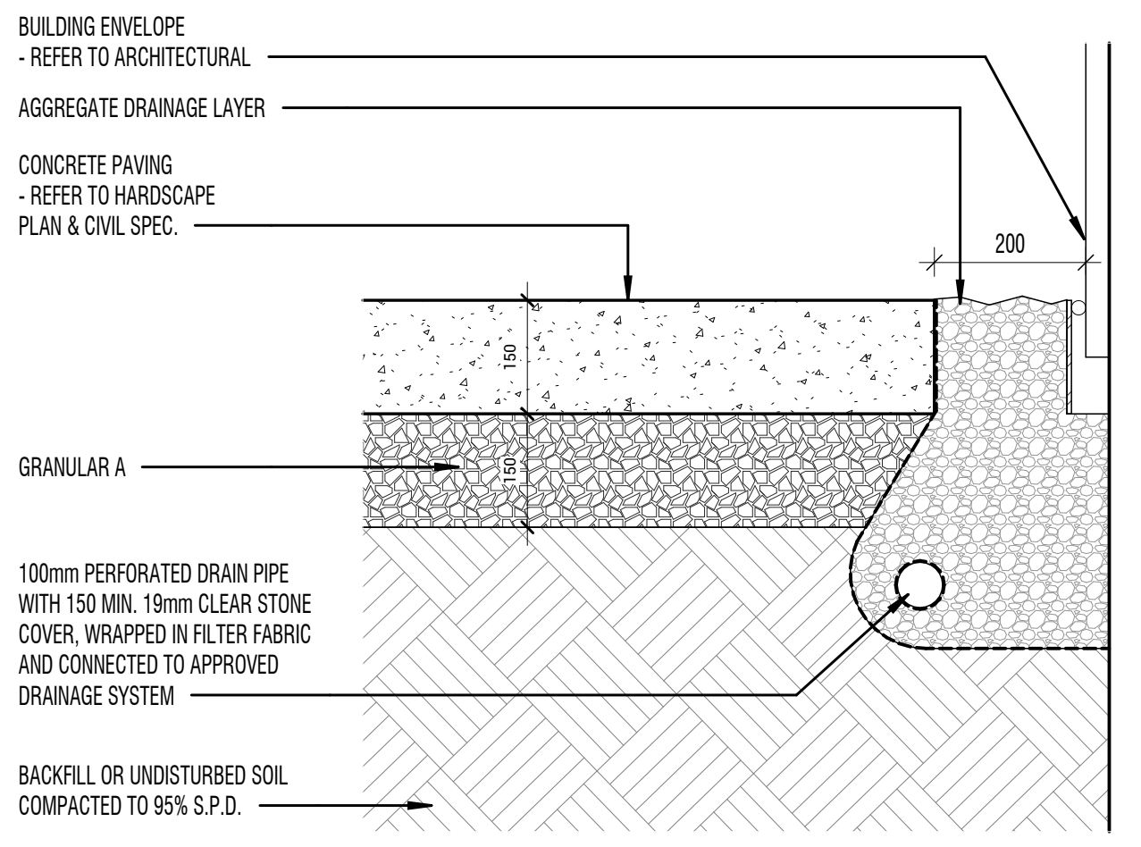
12 / L400 TYP. BIKE RING


127 mm
127 mm
INTERCOM - REFER TO ELECTRICAL
CARD READER - REFER TO ELECTRICAL
127
1218
1090
950
INTERCOM - REFER TO ELECTRICAL
CARD READER - REFER TO ELECTRICAL
STAINLESS STEEL, CUSTOM ENCLOSURE AND BASE, STAINLESS STEEL PLATE CONSTRUCTION WITH GROUND CORNERS, NON DIRECTIONAL BRUSH FINISH.
REFER TO PLANTING DETAIL
1 / L400
ANCHOR BOLT
BASE BOLTED TO ANCHOR
SET SCREWS
CONDUIT - REFER TO ELECTRICAL
ASPHALT PAVING
6 / L400

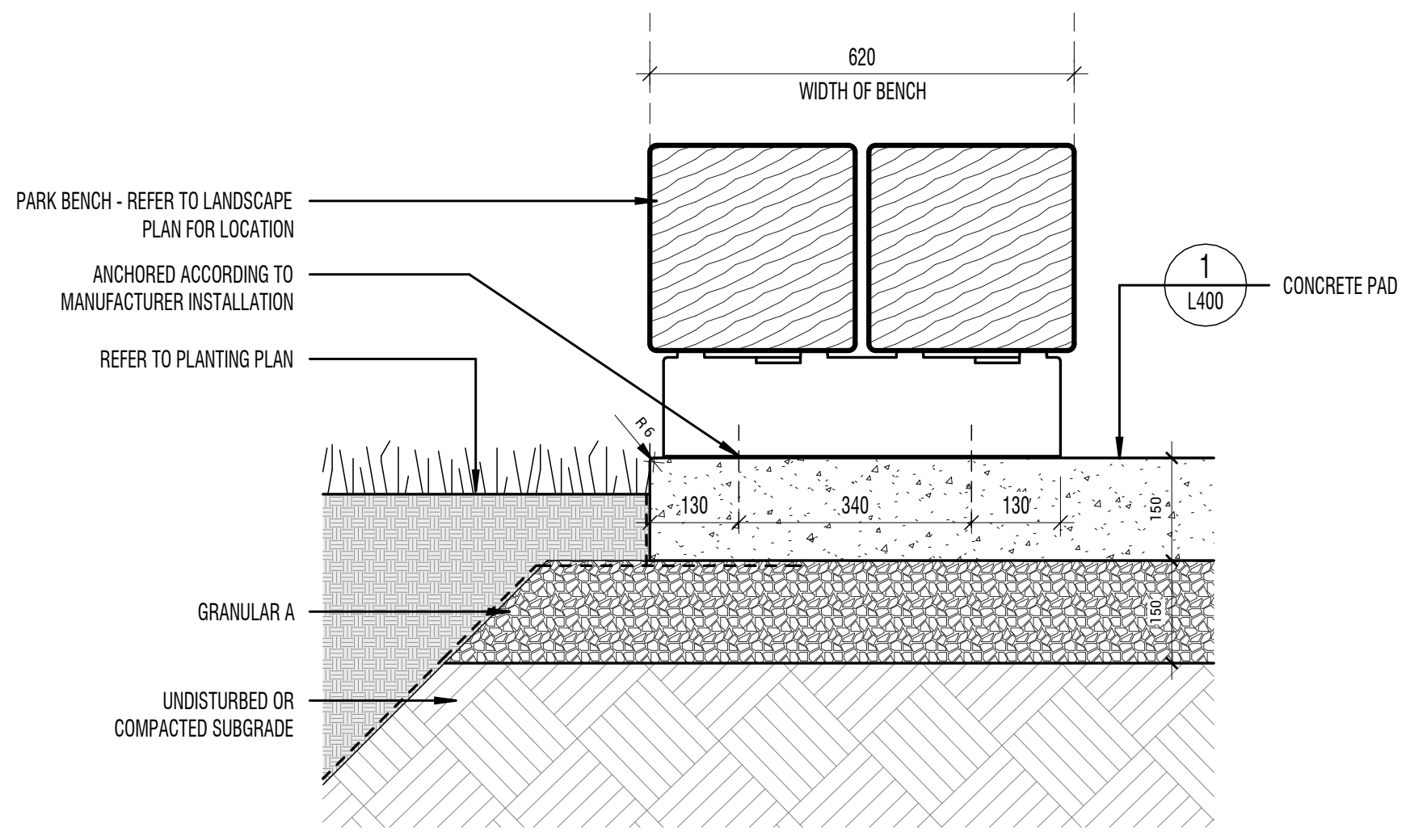
13 / L400 CARD READER AND INTERCOM ON CONCRETE CURB


127 mm
127 mm
INTERCOM - REFER TO ELECTRICAL
CARD READER - REFER TO ELECTRICAL
127
1218
1090
950
250
PUSH TO OPEN
PUSH PLATE SWITCH, 4.5" CIRCULAR
CARD READER - REFER TO ELECTRICAL
STAINLESS STEEL, CUSTOM ENCLOSURE AND BASE, STAINLESS STEEL PLATE CONSTRUCTION WITH GROUND CORNERS, NON DIRECTIONAL BRUSH FINISH.
PUSH PLATE SWITCH, 4.5" CIRCULAR
SET SCREWS
BASE BOLTED TO ANCHOR
CONCRETE PAD - REFER TO HARDSCAPE PLAN
CONDUIT - REFER TO ELECTRICAL

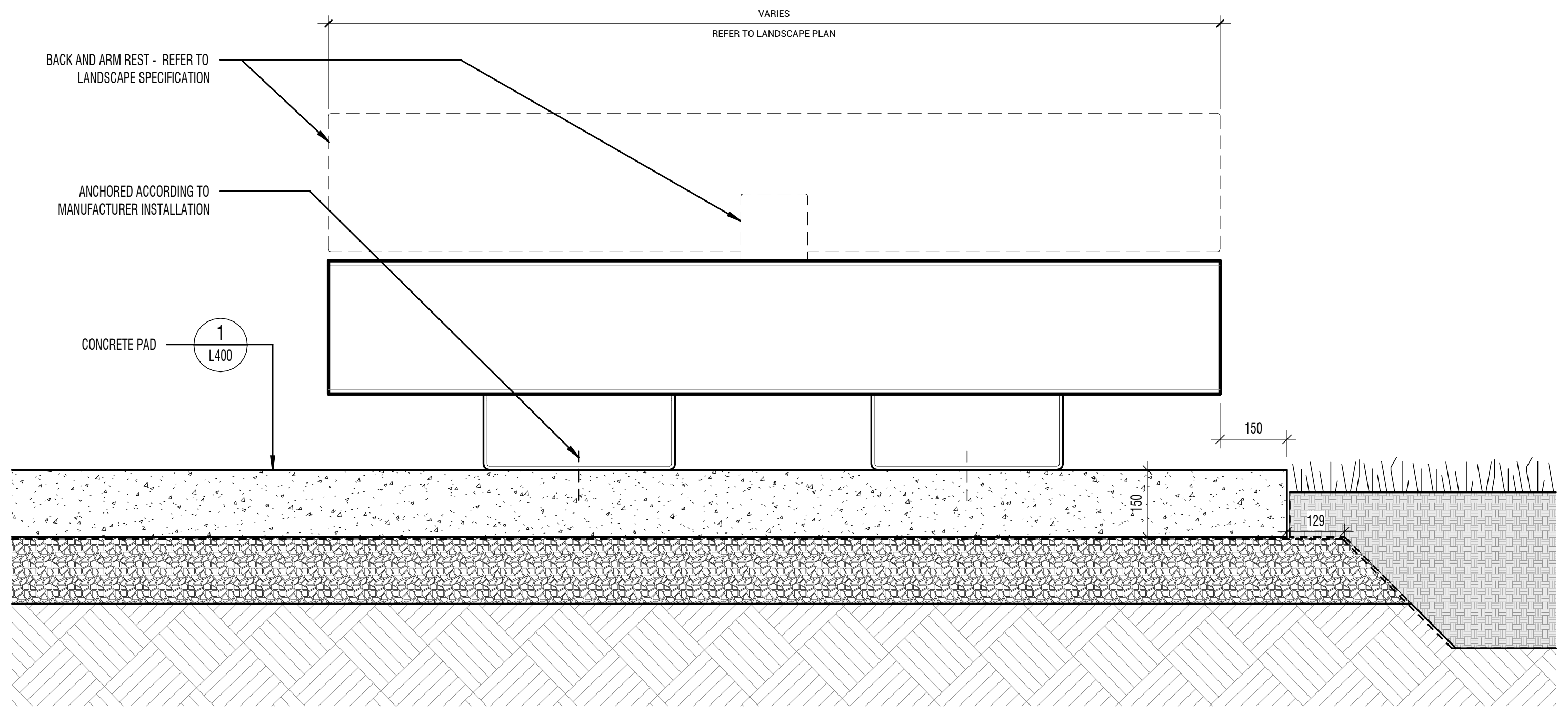
14 / L400 TYP. CARD READER ACCESSIBLE PUSH BUTTON


BUILDING ENVELOPE - REFER TO ARCHITECTURAL
AGGREGATE DRAINAGE LAYER
CONCRETE PAVING - REFER TO HARDSCAPE PLAN & CIVIL SPEC.
200
150
150
GRANULAR A
100mm PERFORATED DRAIN PIPE WITH 150 MIN. 19mm CLEAR STONE COVER, WRAPPED IN FILTER FABRIC AND CONNECTED TO APPROVED DRAINAGE SYSTEM
BACKFILL OR UNDISTURBED SOIL COMPACTED TO 95% S.P.D.

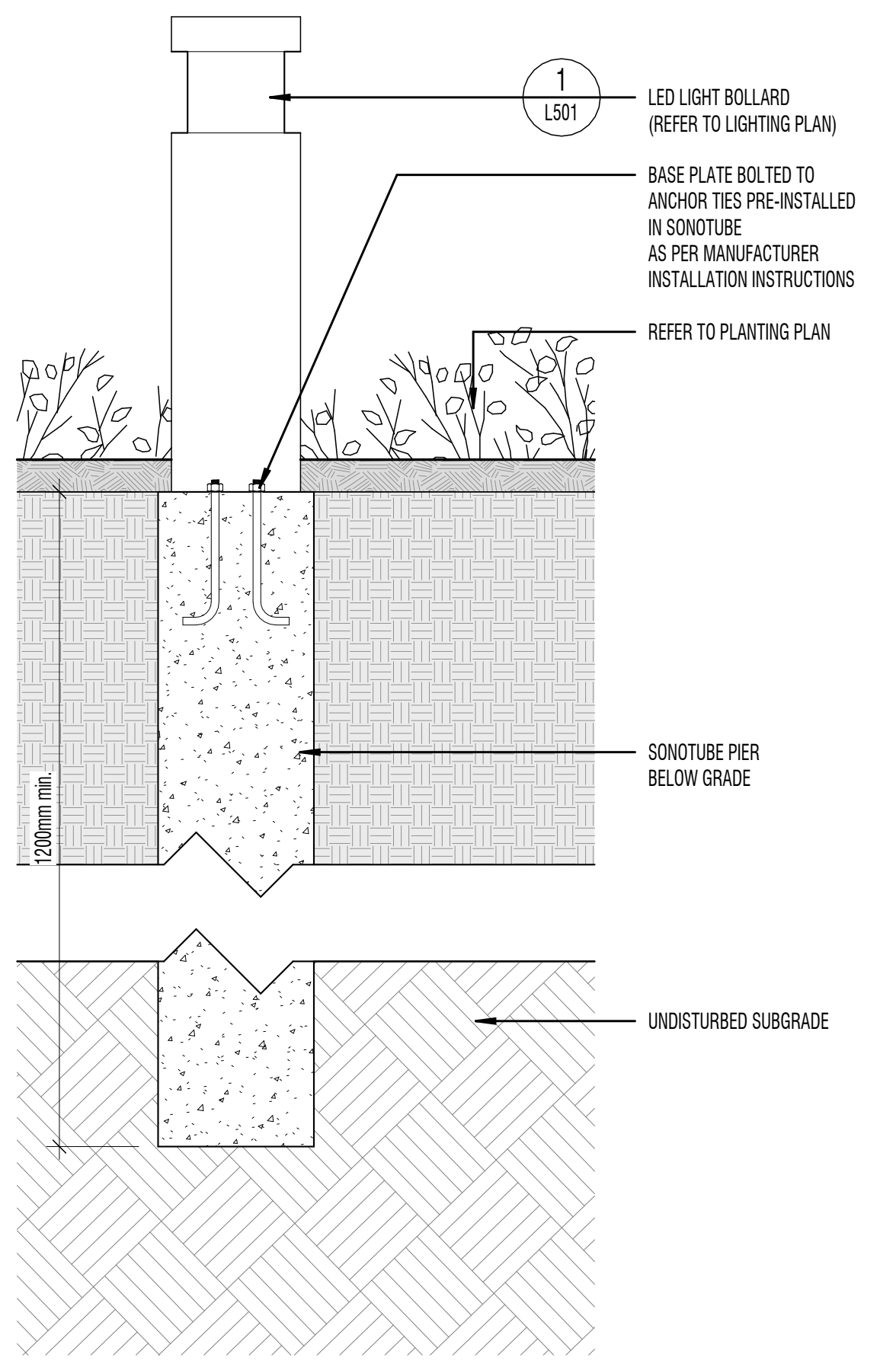
15 / L400 TYP. CONCRETE WALKWAY @BUILDING ENVELOPE


620
WIDTH OF BENCH
PARK BENCH - REFER TO LANDSCAPE PLAN FOR LOCATION
ANCHORED ACCORDING TO MANUFACTURER INSTALLATION
REFER TO PLANTING PLAN
1 / L400 CONCRETE PAD
R 6
130
340
130
150
150
GRANULAR A
UNDISTURBED OR COMPACTED SUBGRADE

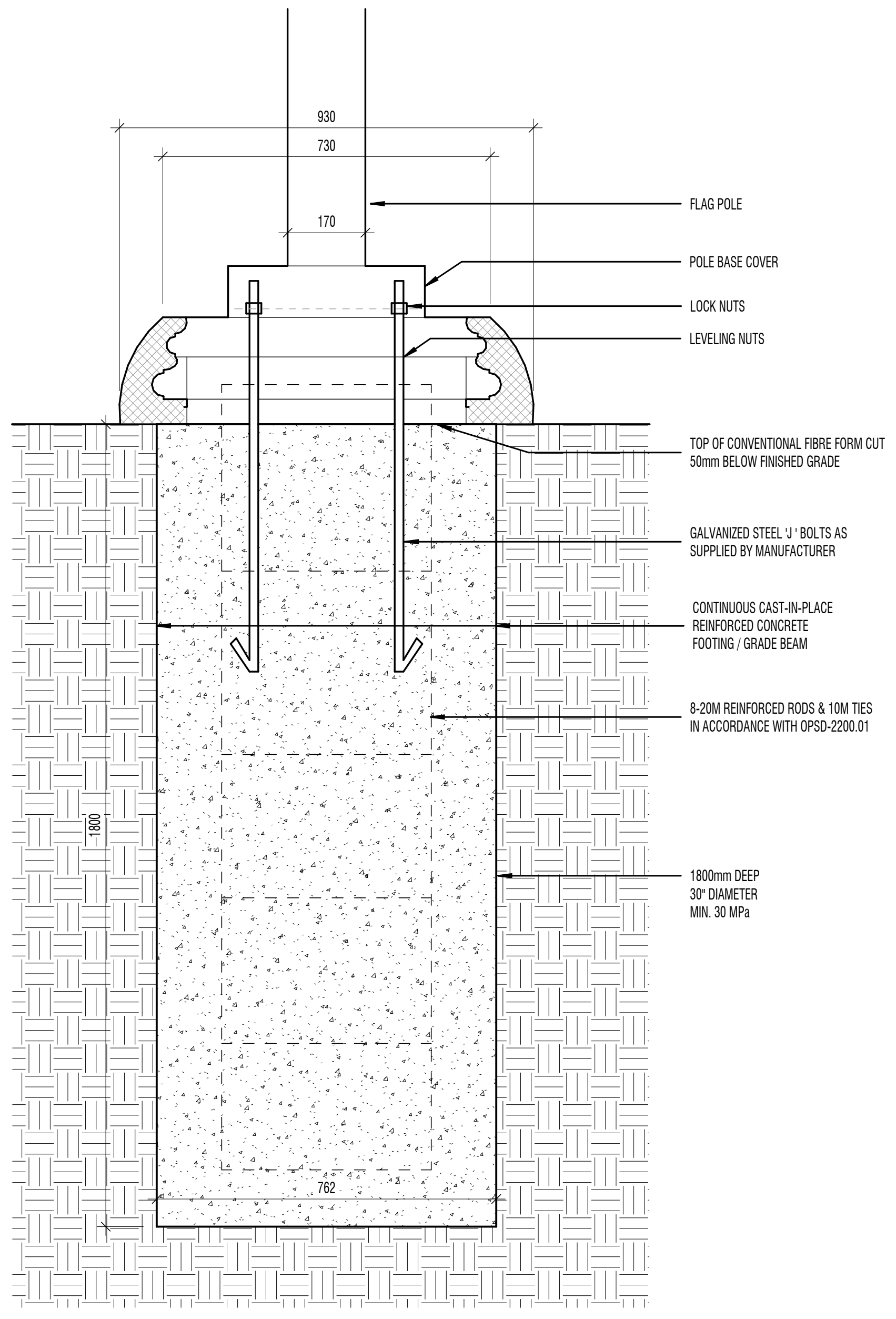
16 / L400 TYP. SOLID WOOD BENCH


VARIES
REFER TO LANDSCAPE PLAN
BACK AND ARM REST - REFER TO LANDSCAPE SPECIFICATION
ANCHORED ACCORDING TO MANUFACTURER INSTALLATION
CONCRETE PAD
1 / L400
150
150
129

17 / L400 TYP. SOLID WOOD BENCH ELEVATION


1 / L501 LED LIGHT BOLLARD (REFER TO LIGHTING PLAN)
BASE PLATE BOLTED TO ANCHOR TIES PRE-INSTALLED IN SONOTUBE AS PER MANUFACTURER INSTALLATION INSTRUCTIONS
REFER TO PLANTING PLAN
SONOTUBE PIER BELOW GRADE
1200mm min.
UNDISTURBED SUBGRADE

18 / L400 TYP. BOLLARD LIGHT IN SOFTSCAPING


930
730
170
FLAG POLE
POLE BASE COVER
LOCK NUTS
LEVELING NUTS
TOP OF CONVENTIONAL FIBRE FORM CUT 50mm BELOW FINISHED GRADE
GALVANIZED STEEL 'J ' BOLTS AS SUPPLIED BY MANUFACTURER
CONTINUOUS CAST-IN-PLACE REINFORCED CONCRETE FOOTING / GRADE BEAM
8-20M REINFORCED RODS & 10M TIES IN ACCORDANCE WITH OPSD-2200.01
1800
1800mm DEEP 30" DIAMETER MIN. 30 MPa
762

19 / L400 TYP. FLAGPOLE SECTION

Halton REGION

diamond schmitt

gh3*

ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS
Elise Shelley
MEMBER

Issued

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SP.1530.019
25003

Landscape Section Details
1 : 10

L400

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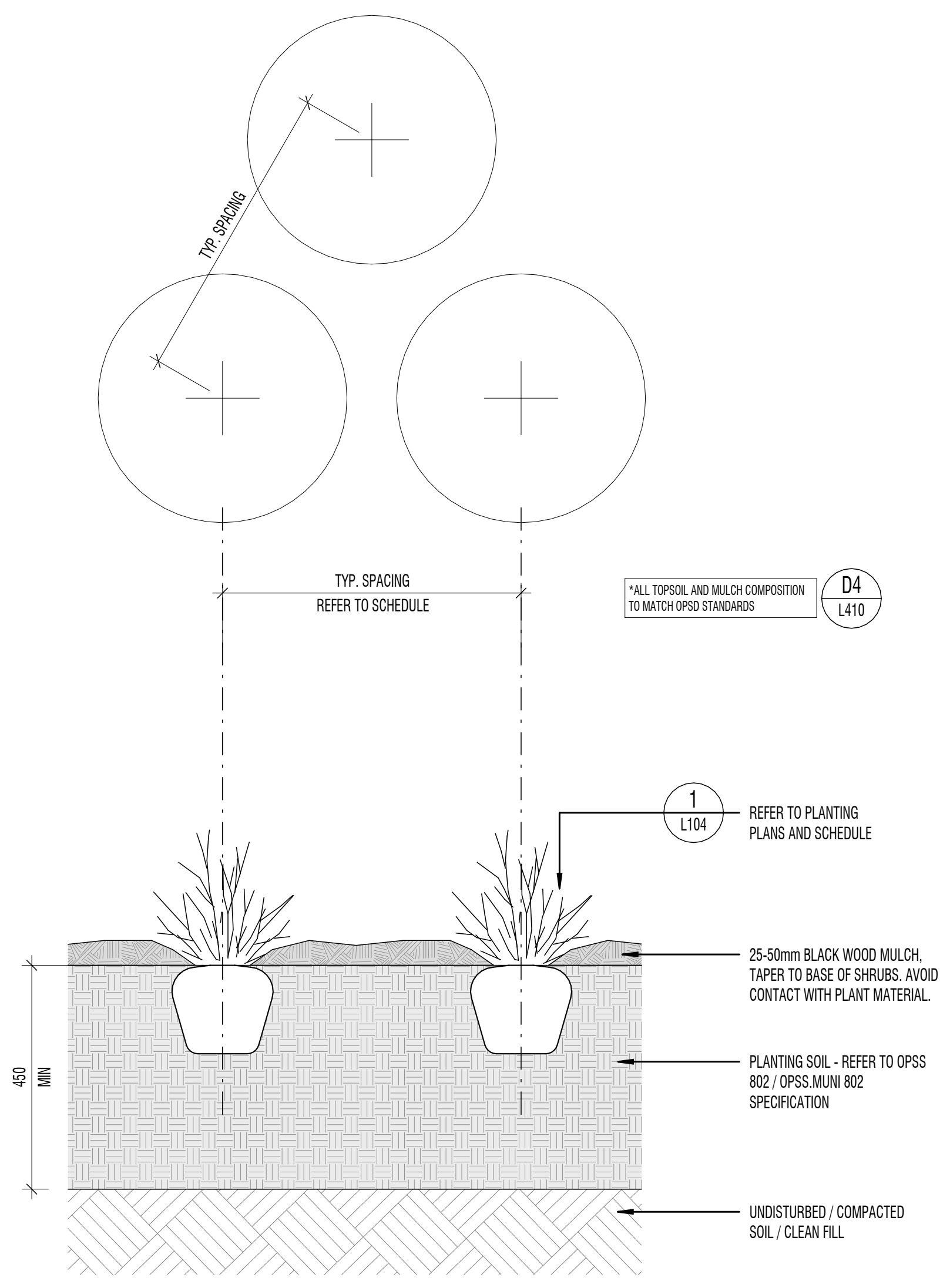
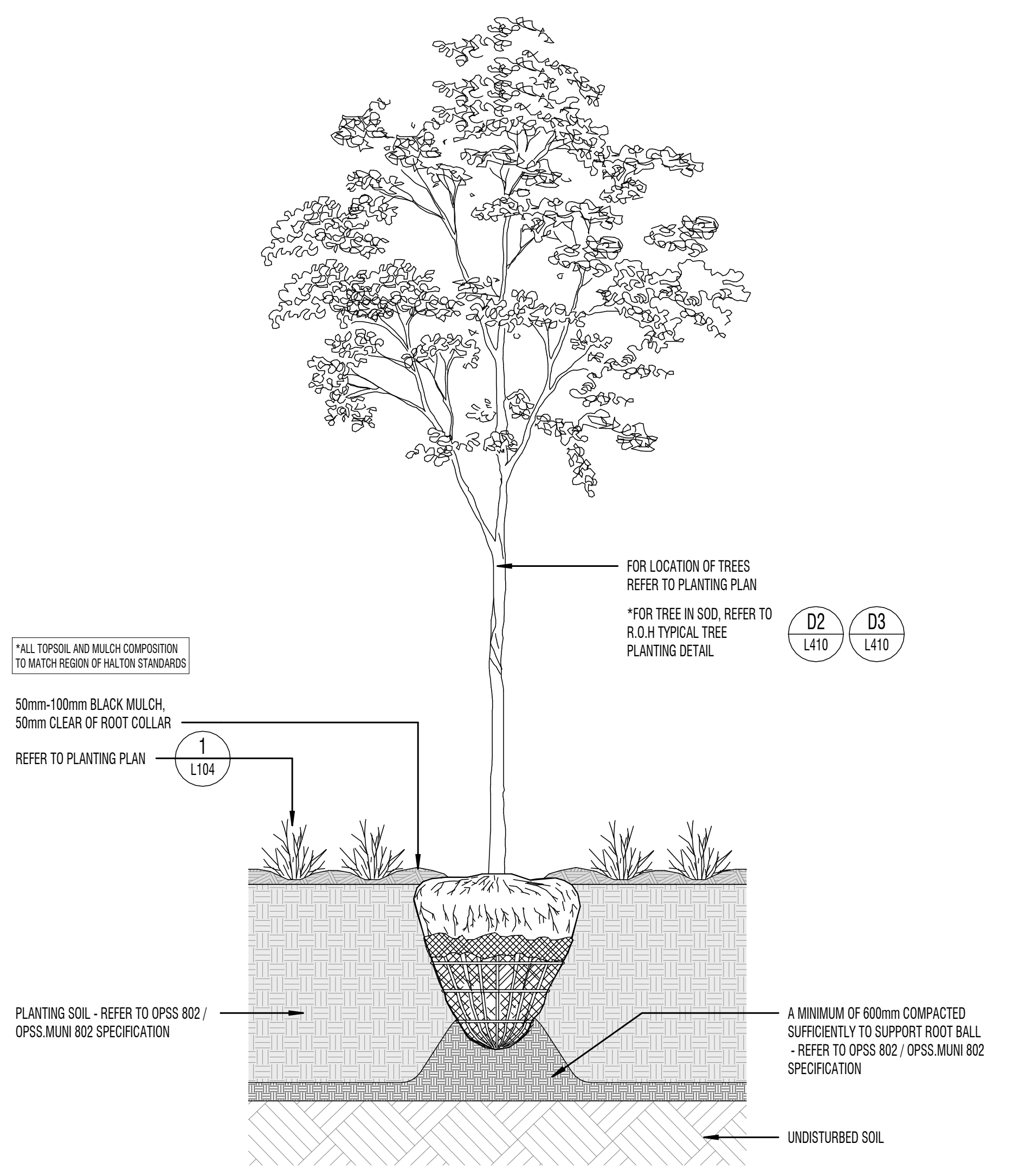
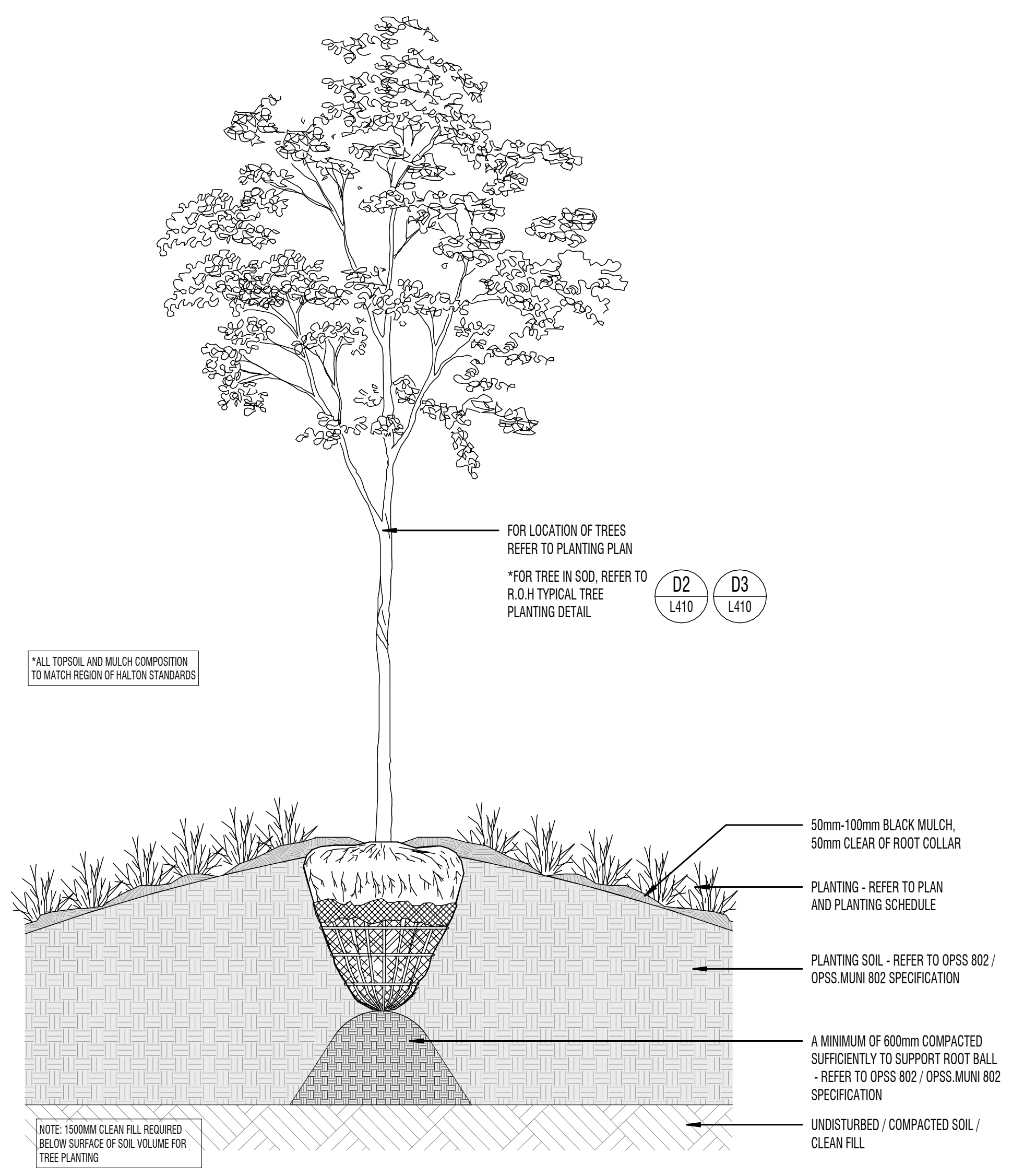

TYP. SPACING
TYP. SPACING
REFER TO SCHEDULE
*ALL TOPSOIL AND MULCH COMPOSITION TO MATCH OPSD STANDARDS
D4
L410
1
L104
REFER TO PLANTING PLANS AND SCHEDULE
25-50mm BLACK WOOD MULCH, TAPER TO BASE OF SHRUBS. AVOID CONTACT WITH PLANT MATERIAL.
PLANTING SOIL - REFER TO OPSS 802 / OPSS.MUNI 802 SPECIFICATION
450 MIN
UNDISTURBED / COMPACTED SOIL / CLEAN FILL

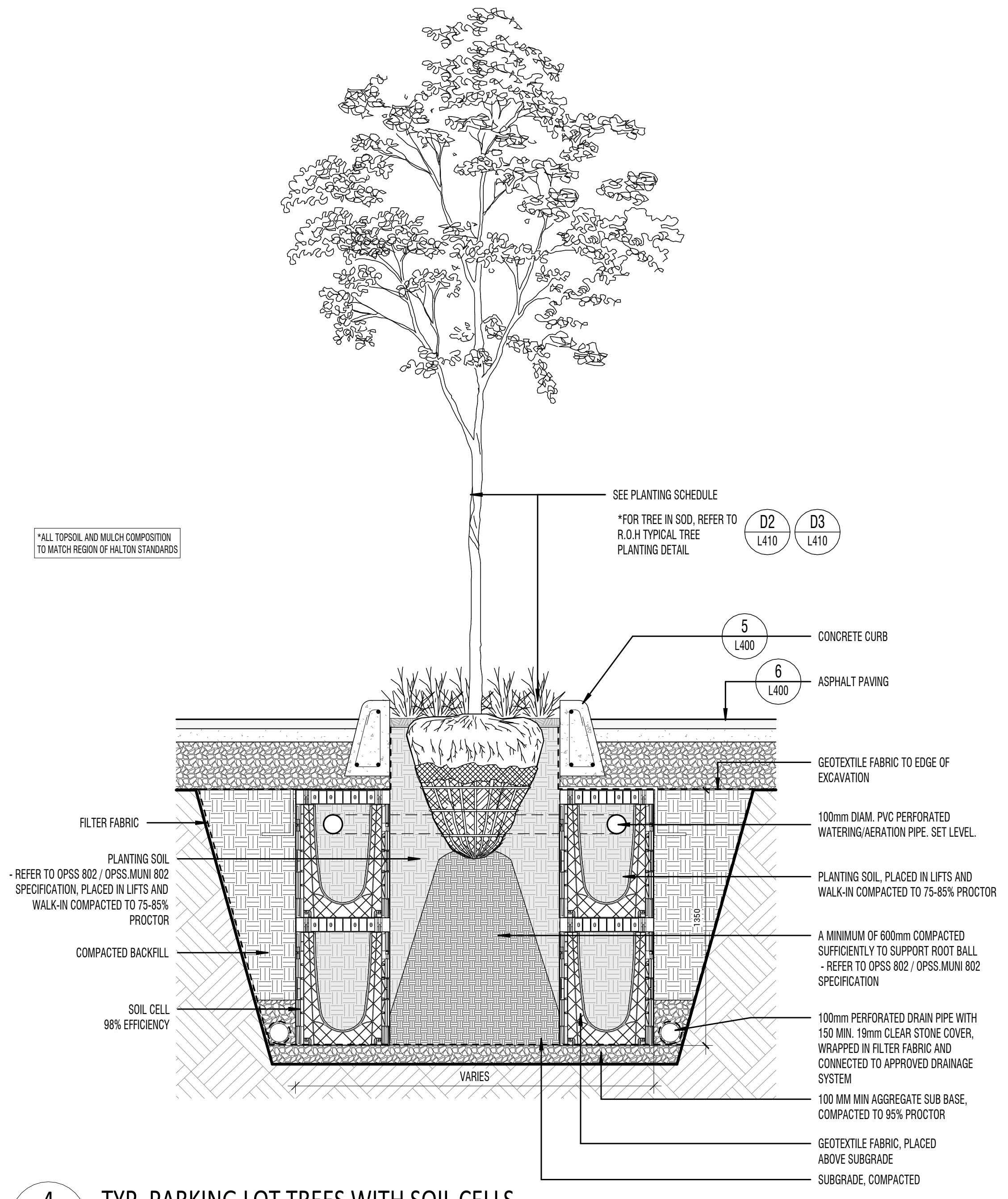
1 L401 TYP. PLANTING DETAIL


FOR LOCATION OF TREES REFER TO PLANTING PLAN
*FOR TREE IN SOD, REFER TO R.O.H TYPICAL TREE PLANTING DETAIL
D2
L410
D3
L410
*ALL TOPSOIL AND MULCH COMPOSITION TO MATCH REGION OF HALTON STANDARDS
50mm-100mm BLACK MULCH, 50mm CLEAR OF ROOT COLLAR
REFER TO PLANTING PLAN
1
L104
PLANTING SOIL - REFER TO OPSS 802 / OPSS.MUNI 802 SPECIFICATION
A MINIMUM OF 600mm COMPACTED SUFFICIENTLY TO SUPPORT ROOT BALL - REFER TO OPSS 802 / OPSS.MUNI 802 SPECIFICATION
UNDISTURBED SOIL

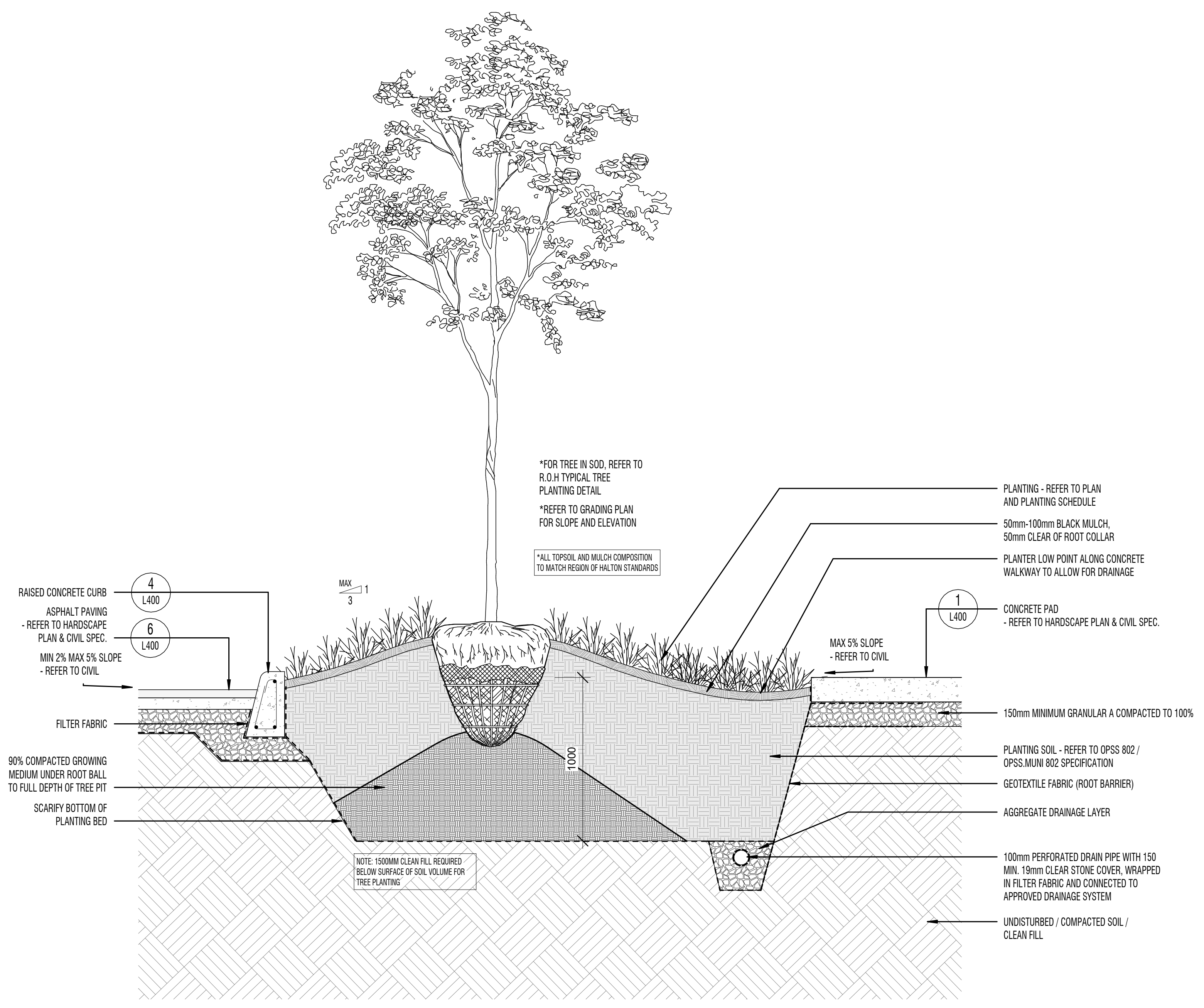
2 L401 TYP. TREE IN PLANTING BED


FOR LOCATION OF TREES REFER TO PLANTING PLAN
*FOR TREE IN SOD, REFER TO R.O.H TYPICAL TREE PLANTING DETAIL
D2
L410
D3
L410
*ALL TOPSOIL AND MULCH COMPOSITION TO MATCH REGION OF HALTON STANDARDS
50mm-100mm BLACK MULCH, 50mm CLEAR OF ROOT COLLAR
PLANTING - REFER TO PLAN AND PLANTING SCHEDULE
PLANTING SOIL - REFER TO OPSS 802 / OPSS.MUNI 802 SPECIFICATION
A MINIMUM OF 600mm COMPACTED SUFFICIENTLY TO SUPPORT ROOT BALL - REFER TO OPSS 802 / OPSS.MUNI 802 SPECIFICATION
UNDISTURBED / COMPACTED SOIL / CLEAN FILL
NOTE: 1500MM CLEAN FILL REQUIRED BELOW SURFACE OF SOIL VOLUME FOR TREE PLANTING

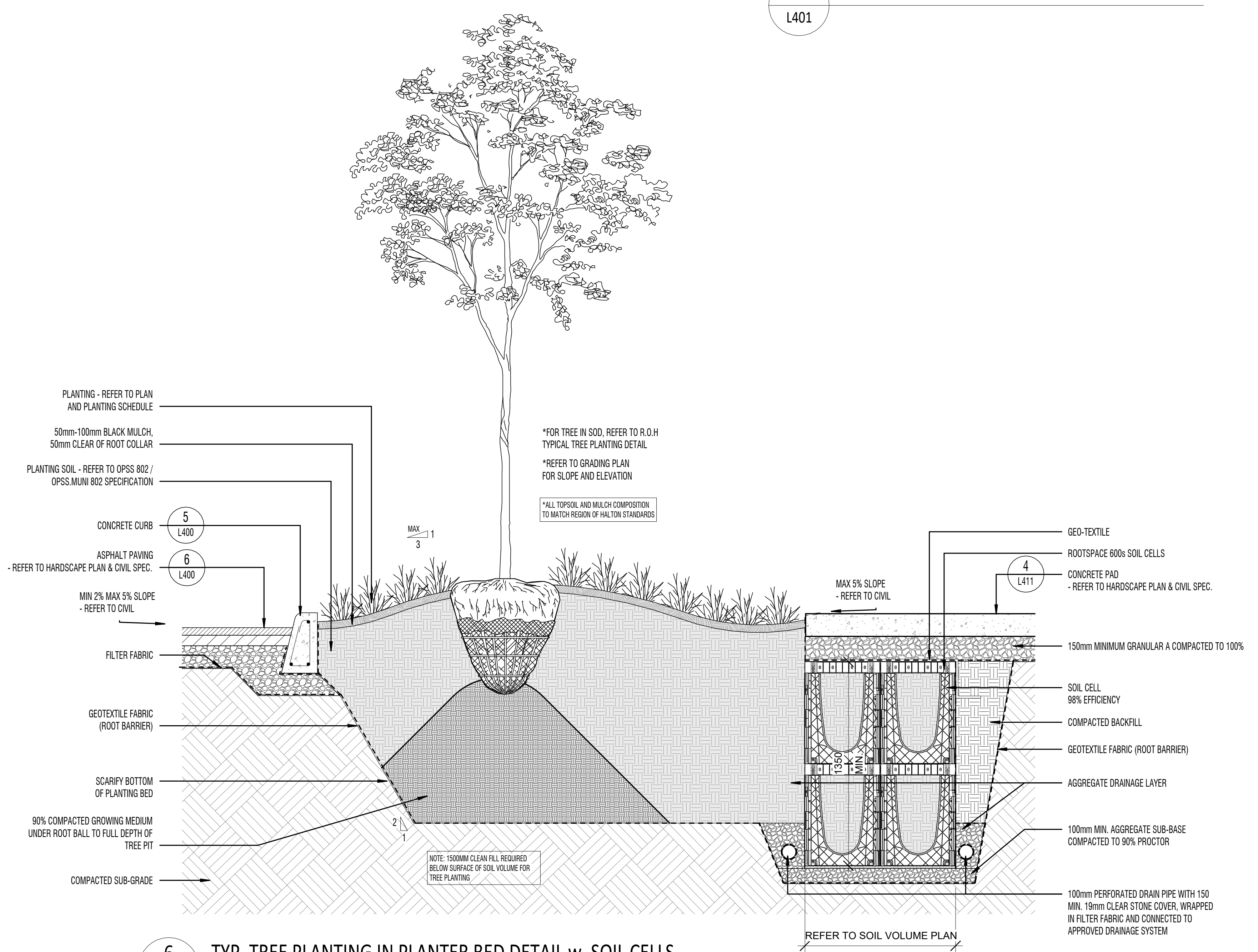
3 L401 TYP. TREE IN MOUNDED PLANTING BED


*ALL TOPSOIL AND MULCH COMPOSITION TO MATCH REGION OF HALTON STANDARDS
SEE PLANTING SCHEDULE
*FOR TREE IN SOD, REFER TO R.O.H TYPICAL TREE PLANTING DETAIL
D2
L410
D3
L410
5
L400
CONCRETE CURB
6
L400
ASPHALT PAVING
GEOTEXTILE FABRIC TO EDGE OF EXCAVATION
FILTER FABRIC
100mm DIAM. PVC PERFORATED WATERING/AERATION PIPE. SET LEVEL.
PLANTING SOIL - REFER TO OPSS 802 / OPSS.MUNI 802 SPECIFICATION, PLACED IN LIFTS AND WALK-IN COMPACTED TO 75-85% PROCTOR
PLANTING SOIL, PLACED IN LIFTS AND WALK-IN COMPACTED TO 75-85% PROCTOR
COMPACTED BACKFILL
A MINIMUM OF 600mm COMPACTED SUFFICIENTLY TO SUPPORT ROOT BALL - REFER TO OPSS 802 / OPSS.MUNI 802 SPECIFICATION
1350
SOIL CELL 98% EFFICIENCY
100mm PERFORATED DRAIN PIPE WITH 150 MIN. 19mm CLEAR STONE COVER, WRAPPED IN FILTER FABRIC AND CONNECTED TO APPROVED DRAINAGE SYSTEM
VARIES
100 MM MIN AGGREGATE SUB BASE, COMPACTED TO 95% PROCTOR
GEOTEXTILE FABRIC, PLACED ABOVE SUBGRADE
SUBGRADE, COMPACTED

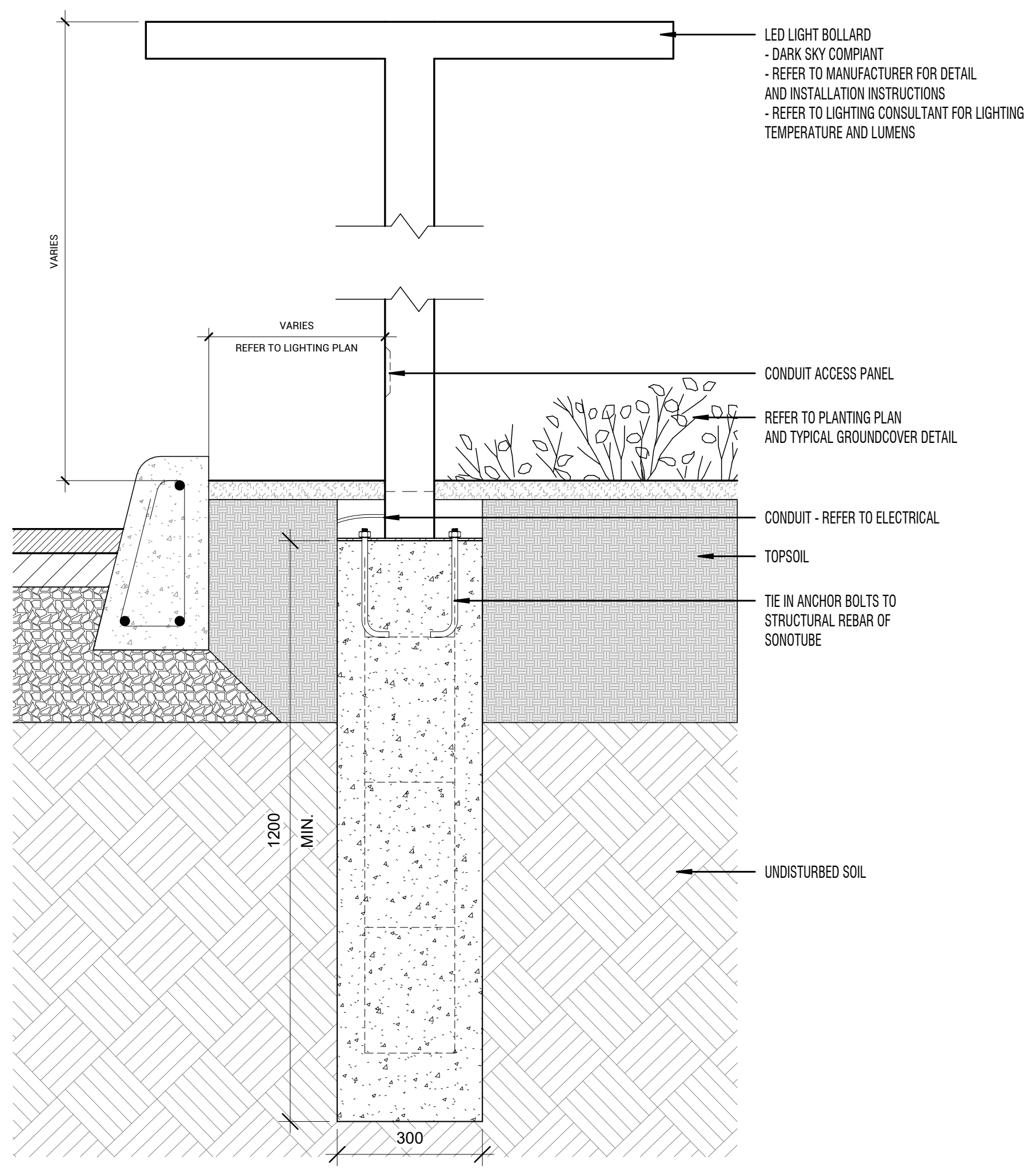
4 L401 TYP. PARKING LOT TREES WITH SOIL CELLS


*FOR TREE IN SOD, REFER TO R.O.H TYPICAL TREE PLANTING DETAIL
*REFER TO GRADING PLAN FOR SLOPE AND ELEVATION
*ALL TOPSOIL AND MULCH COMPOSITION TO MATCH REGION OF HALTON STANDARDS
RAISED CONCRETE CURB
4
L400
ASPHALT PAVING - REFER TO HARDSCAPE PLAN & CIVIL SPEC.
6
L400
MIN 2% MAX 5% SLOPE - REFER TO CIVIL
MAX 1 3
FILTER FABRIC
90% COMPACTED GROWING MEDIUM UNDER ROOT BALL TO FULL DEPTH OF TREE PIT
SCARIFY BOTTOM OF PLANTING BED
1000
NOTE: 1500MM CLEAN FILL REQUIRED BELOW SURFACE OF SOIL VOLUME FOR TREE PLANTING
PLANTING - REFER TO PLAN AND PLANTING SCHEDULE
50mm-100mm BLACK MULCH, 50mm CLEAR OF ROOT COLLAR
PLANTER LOW POINT ALONG CONCRETE WALKWAY TO ALLOW FOR DRAINAGE
1
L400
CONCRETE PAD - REFER TO HARDSCAPE PLAN & CIVIL SPEC.
MAX 5% SLOPE - REFER TO CIVIL
150mm MINIMUM GRANULAR A COMPACTED TO 100%
PLANTING SOIL - REFER TO OPSS 802 / OPSS.MUNI 802 SPECIFICATION
GEOTEXTILE FABRIC (ROOT BARRIER)
AGGREGATE DRAINAGE LAYER
100mm PERFORATED DRAIN PIPE WITH 150 MIN. 19mm CLEAR STONE COVER, WRAPPED IN FILTER FABRIC AND CONNECTED TO APPROVED DRAINAGE SYSTEM
UNDISTURBED / COMPACTED SOIL / CLEAN FILL

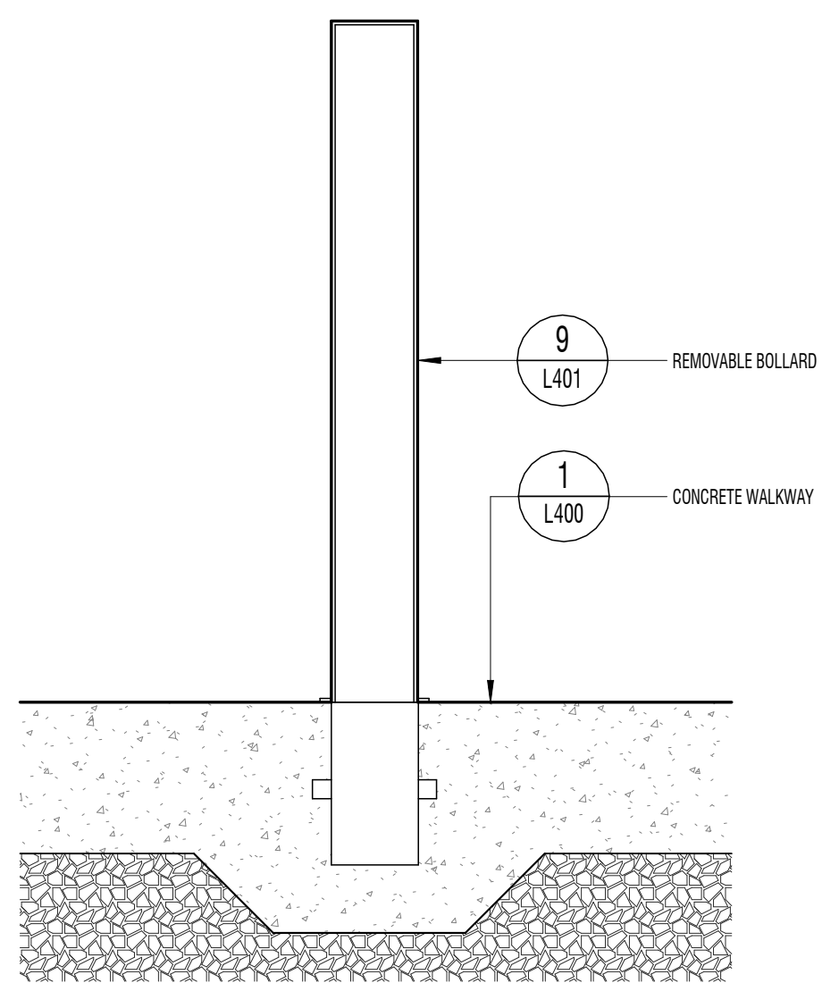
5 L401 TYP. TREE PLANTING IN PLANTER BED DETAIL.


PLANTING - REFER TO PLAN AND PLANTING SCHEDULE
50mm-100mm BLACK MULCH, 50mm CLEAR OF ROOT COLLAR
PLANTING SOIL - REFER TO OPSS 802 / OPSS.MUNI 802 SPECIFICATION
CONCRETE CURB
5
L400
ASPHALT PAVING - REFER TO HARDSCAPE PLAN & CIVIL SPEC.
6
L400
MIN 2% MAX 5% SLOPE - REFER TO CIVIL
FILTER FABRIC
GEOTEXTILE FABRIC (ROOT BARRIER)
SCARIFY BOTTOM OF PLANTING BED
90% COMPACTED GROWING MEDIUM UNDER ROOT BALL TO FULL DEPTH OF TREE PIT
COMPACTED SUB-GRADE
MAX 1 3
2 1
NOTE: 1500MM CLEAN FILL REQUIRED BELOW SURFACE OF SOIL VOLUME FOR TREE PLANTING
*FOR TREE IN SOD, REFER TO R.O.H TYPICAL TREE PLANTING DETAIL
*REFER TO GRADING PLAN FOR SLOPE AND ELEVATION
*ALL TOPSOIL AND MULCH COMPOSITION TO MATCH REGION OF HALTON STANDARDS
MAX 5% SLOPE - REFER TO CIVIL
GEO-TEXTILE
ROOTSPACE 600s SOIL CELLS
4
L411
CONCRETE PAD - REFER TO HARDSCAPE PLAN & CIVIL SPEC.
150mm MINIMUM GRANULAR A COMPACTED TO 100%
SOIL CELL 98% EFFICIENCY
COMPACTED BACKFILL
GEOTEXTILE FABRIC (ROOT BARRIER)
1350 MIN.
AGGREGATE DRAINAGE LAYER
100mm MIN. AGGREGATE SUB-BASE COMPACTED TO 90% PROCTOR
100mm PERFORATED DRAIN PIPE WITH 150 MIN. 19mm CLEAR STONE COVER, WRAPPED IN FILTER FABRIC AND CONNECTED TO APPROVED DRAINAGE SYSTEM
REFER TO SOIL VOLUME PLAN

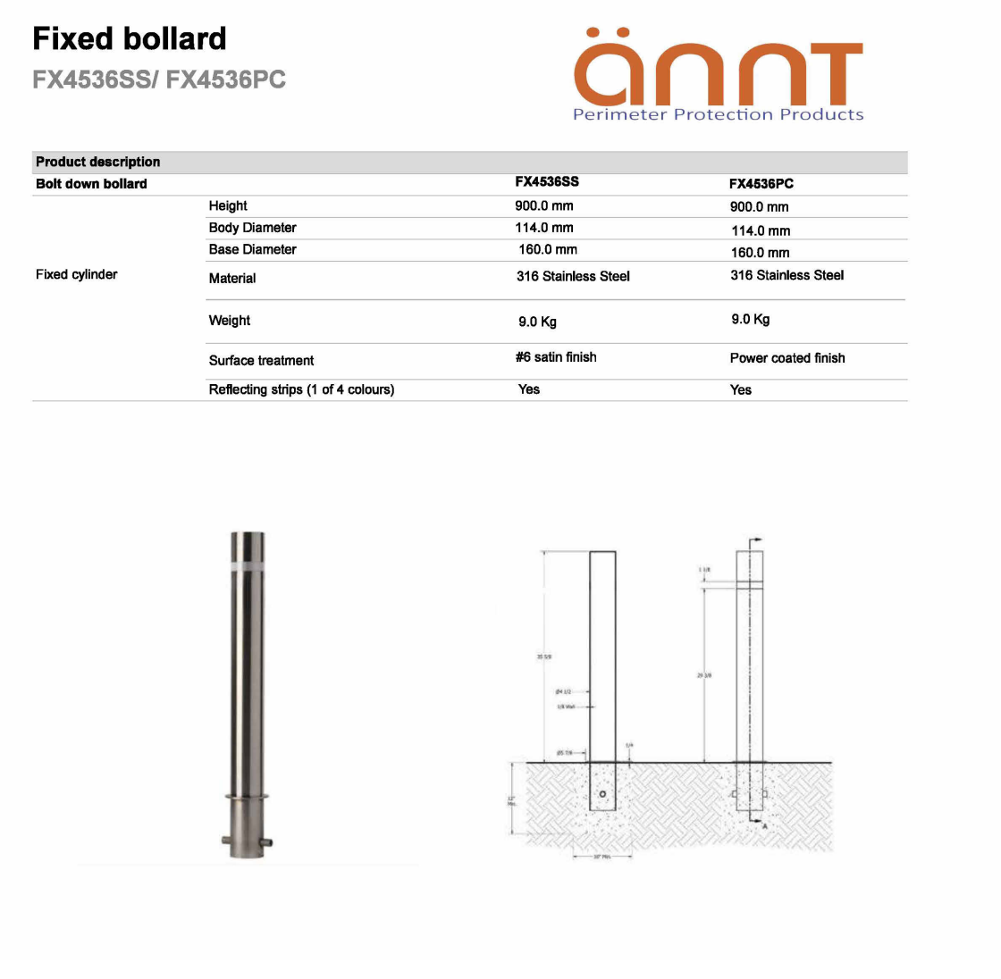
6 L401 TYP. TREE PLANTING IN PLANTER BED DETAIL w. SOIL CELLS


LED LIGHT BOLLARD - DARK SKY COMPIANT - REFER TO MANUFACTURER FOR DETAIL AND INSTALLATION INSTRUCTIONS - REFER TO LIGHTING CONSULTANT FOR LIGHTING TEMPERATURE AND LUMENS
VARIES
VARIES
REFER TO LIGHTING PLAN
CONDUIT ACCESS PANEL
REFER TO PLANTING PLAN AND TYPICAL GROUNDCOVER DETAIL
CONDUIT - REFER TO ELECTRICAL
TOPSOIL
TIE IN ANCHOR BOLTS TO STRUCTURAL REBAR OF SONOTUBE
1200 MIN.
UNDISTURBED SOIL
300

7 L401 TYP. LIGHT STAND ON SONOTUBE


9
L401
REMOVABLE BOLLARD
1
L400
CONCRETE WALKWAY

8 L401 TYP. FIXED BOLLARD IN HARDSCAPE


Fixed bollard
FX4536SS/ FX4536PC

ännT
Perimeter Protection Products

Product description			
Bolt down bollard		FX4536SS	FX4536PC
Fixed cylinder	Height	900.0 mm	900.0 mm
	Body Diameter	114.0 mm	114.0 mm
	Base Diameter	160.0 mm	160.0 mm
	Material	316 Stainless Steel	316 Stainless Steel
	Weight	9.0 Kg	9.0 Kg
	Surface treatment	#6 satin finish	Power coated finish
	Reflecting strips (1 of 4 colours)	Yes	Yes

9 L401 FIXED BOLLARD SPECIFICATION

Halton
REGION

diamond schmitt
gh3*

Issued

No.	Date	Description
1	01/23/2026	Issued for SPA
2	02/11/2026	Issued for SPA - R1
3	02/27/2026	Issued for 90% Design Development
4	03/13/2026	Issued for 100% Design Development
5	05/22/2026	Issued for 30% Construction Documents
6	06/05/2026	Issued for SPA Resubmission No. 1

NOT FOR CONSTRUCTION

Contractor Must Check & Verify all Dimensions on the Job.

Do Not Scale Drawings.

This Drawing is Not to be Used for Construction Until Signed by the Architect.

HRPS HQ + REOC
SP.1530.019
25003

Landscape Section Details
As indicated
L401

C:\Users\GH3WKS110\AppData\Local\Autodesk\Revit\Autodesk Revit 2026\CollaborationCache\TA86JGBMK85F\af85554f-6e11-44df-949d-b0c6a18dd045\2bee82aa-5cbb-4b40-96d5-91435f431769.rvt

2026-06-16 3:15:49 PM

2026-06-16 3:15:52 PM

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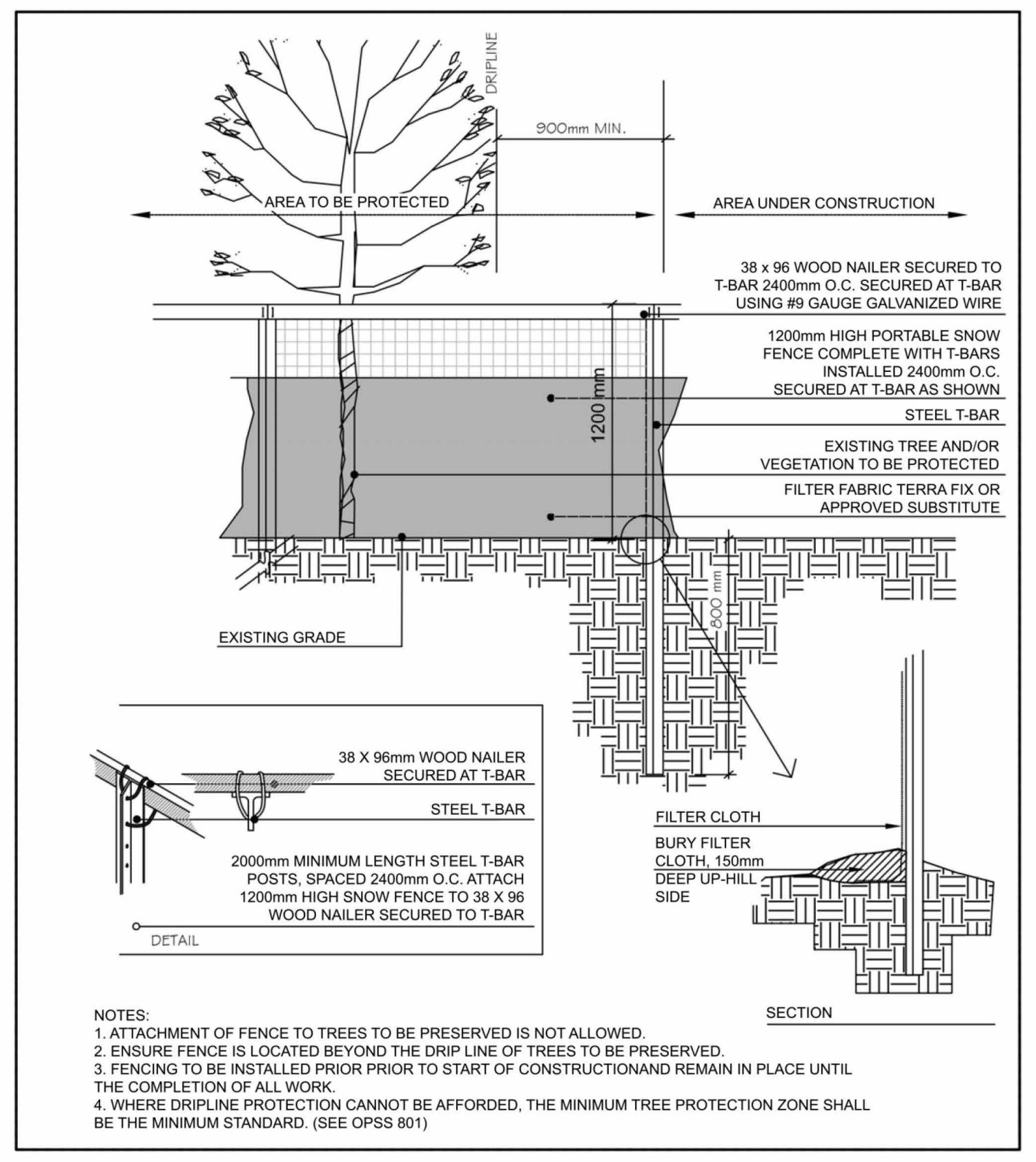
DETAILS


DRIPLINE
900mm MIN.
AREA TO BE PROTECTED
AREA UNDER CONSTRUCTION
38 x 96 WOOD NAILER SECURED TO T-BAR 2400mm O.C. SECURED AT T-BAR USING #9 GAUGE GALVANIZED WIRE
1200mm HIGH PORTABLE SNOW FENCE COMPLETE WITH T-BARS INSTALLED 2400mm O.C. SECURED AT T-BAR AS SHOWN
1200mm
STEEL T-BAR
EXISTING TREE AND/OR VEGETATION TO BE PROTECTED
FILTER FABRIC TERRA FIX OR APPROVED SUBSTITUTE
800 mm
EXISTING GRADE
38 X 96mm WOOD NAILER SECURED AT T-BAR
STEEL T-BAR
2000mm MINIMUM LENGTH STEEL T-BAR POSTS, SPACED 2400mm O.C. ATTACH 1200mm HIGH SNOW FENCE TO 38 X 96 WOOD NAILER SECURED TO T-BAR
DETAIL
FILTER CLOTH
BURY FILTER CLOTH, 150mm DEEP UP-HILL SIDE
SECTION

NOTES:
1. ATTACHMENT OF FENCE TO TREES TO BE PRESERVED IS NOT ALLOWED.
2. ENSURE FENCE IS LOCATED BEYOND THE DRIP LINE OF TREES TO BE PRESERVED.
3. FENCING TO BE INSTALLED PRIOR PRIOR TO START OF CONSTRUCTIONAND REMAIN IN PLACE UNTIL THE COMPLETION OF ALL WORK.
4. WHERE DRIPLINE PROTECTION CANNOT BE AFFORDED, THE MINIMUM TREE PROTECTION ZONE SHALL BE THE MINIMUM STANDARD. (SEE OPSS 801)

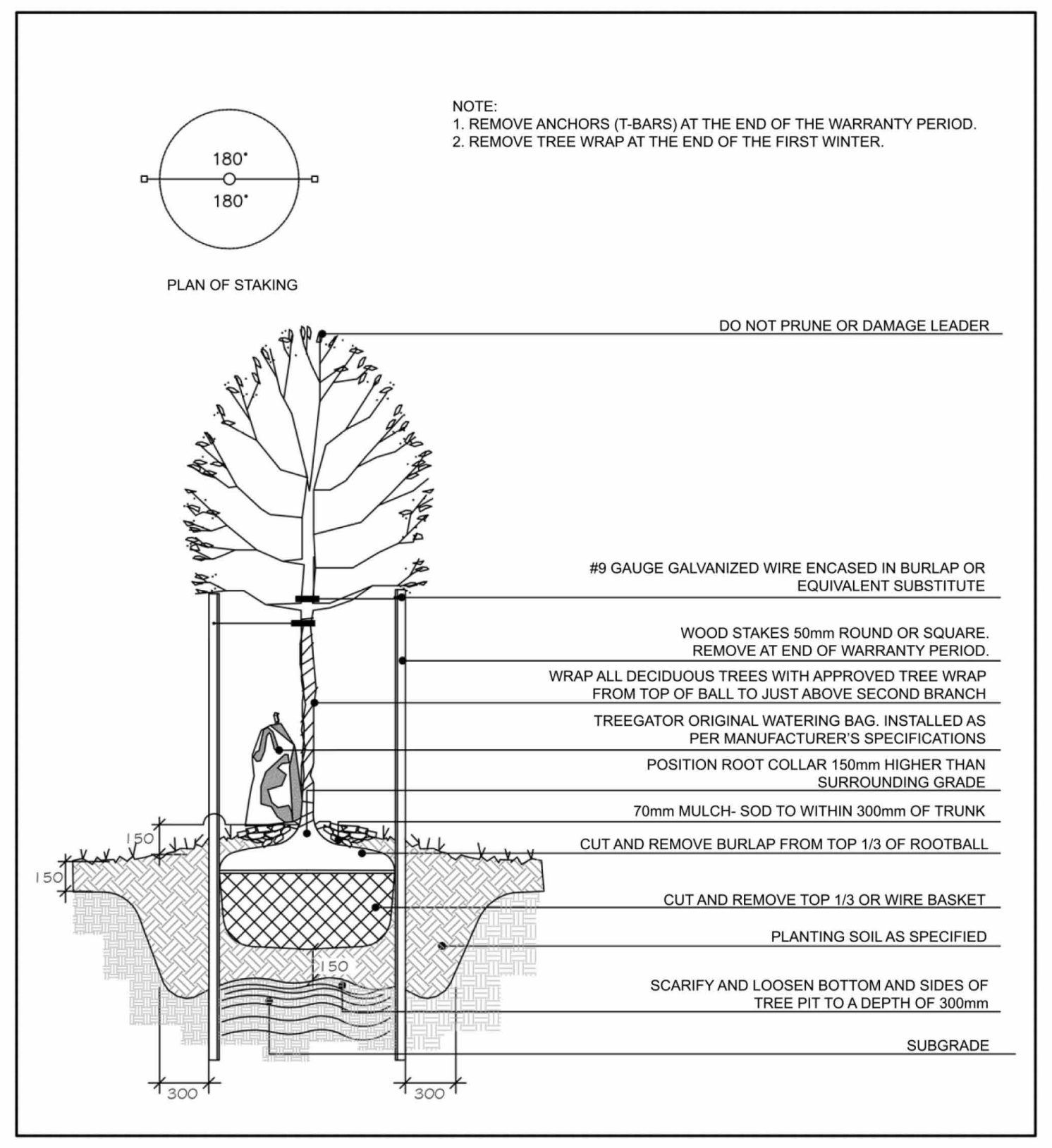
D1 TYPICAL TREE PROTECTION DETAIL

WITH HEAVY DUTY SILTATION FENCE

NTS

2018 3

DETAILS


180°
180°
PLAN OF STAKING
DO NOT PRUNE OR DAMAGE LEADER
#9 GAUGE GALVANIZED WIRE ENCASED IN BURLAP OR EQUIVALENT SUBSTITUTE
WOOD STAKES 50mm ROUND OR SQUARE. REMOVE AT END OF WARRANTY PERIOD.
WRAP ALL DECIDUOUS TREES WITH APPROVED TREE WRAP FROM TOP OF BALL TO JUST ABOVE SECOND BRANCH
TREEGATOR ORIGINAL WATERING BAG. INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS
POSITION ROOT COLLAR 150mm HIGHER THAN SURROUNDING GRADE
70mm MULCH- SOD TO WITHIN 300mm OF TRUNK
CUT AND REMOVE BURLAP FROM TOP 1/3 OF ROOTBALL
CUT AND REMOVE TOP 1/3 OR WIRE BASKET
PLANTING SOIL AS SPECIFIED
SCARIFY AND LOOSEN BOTTOM AND SIDES OF TREE PIT TO A DEPTH OF 300mm
SUBGRADE
150
150
150
300
300

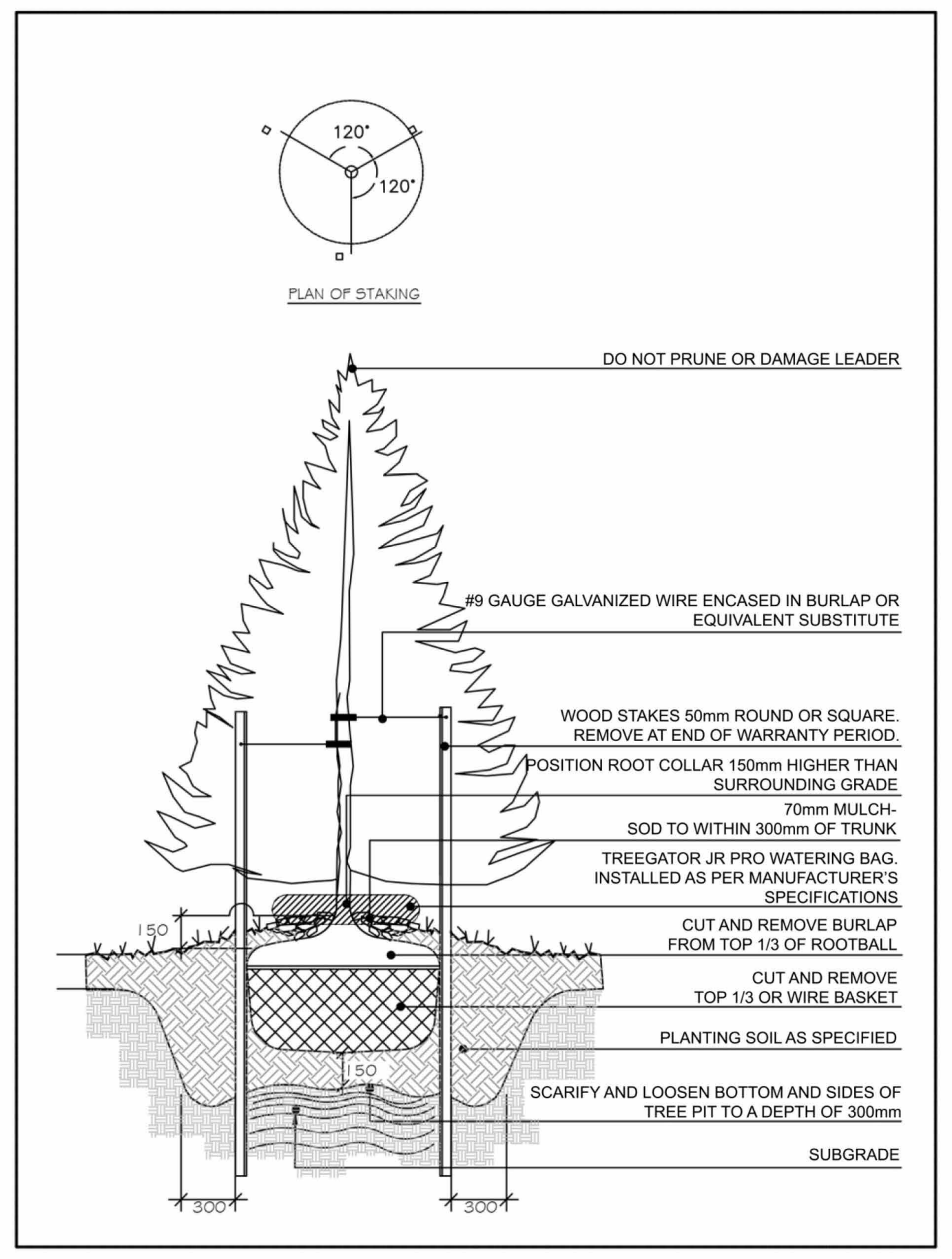
NOTE:
1. REMOVE ANCHORS (T-BARS) AT THE END OF THE WARRANTY PERIOD.
2. REMOVE TREE WRAP AT THE END OF THE FIRST WINTER.

D2 TYPICAL DECIDUOUS TREE PLANTING

NTS

2018 4

DETAILS

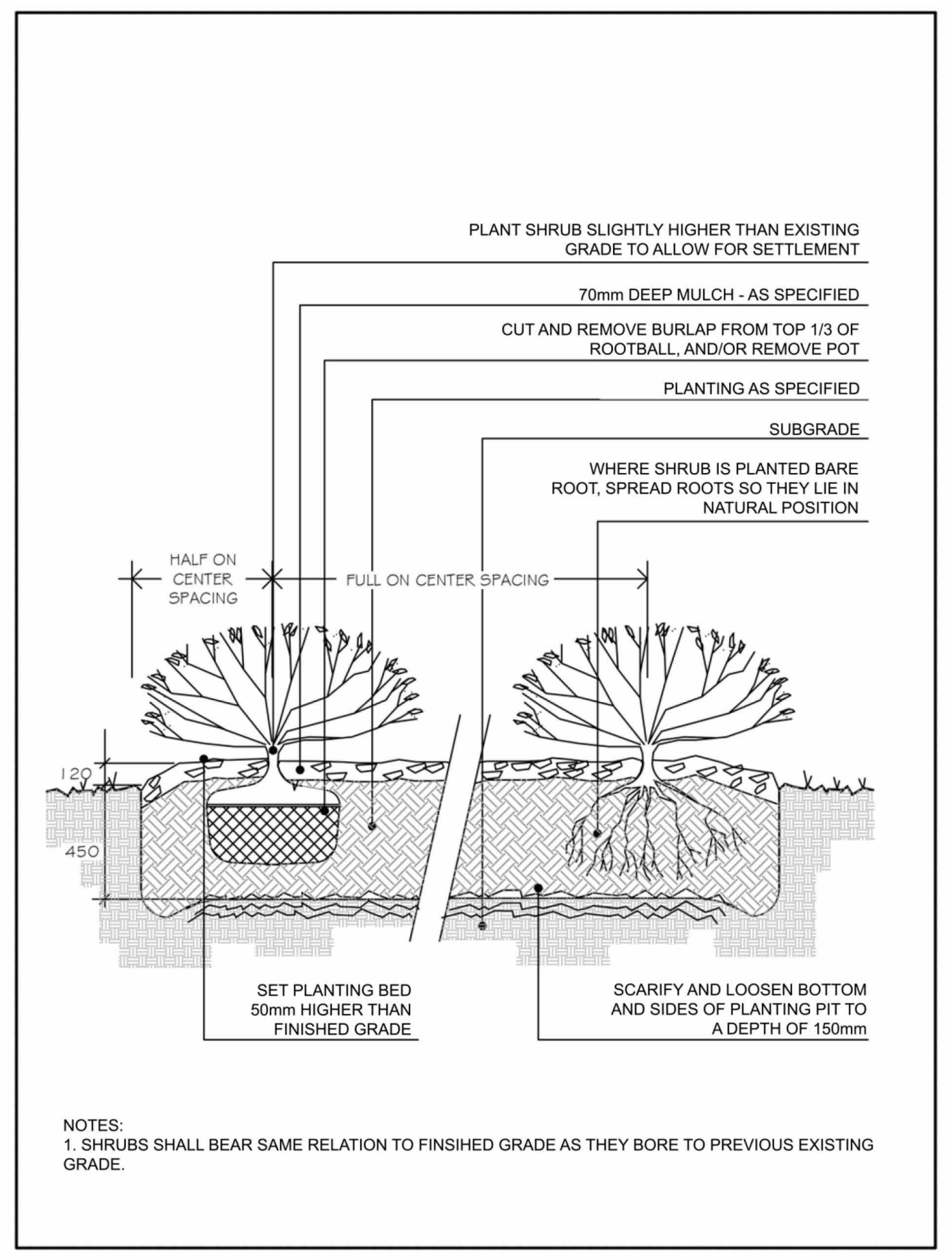

120°
120°
PLAN OF STAKING
DO NOT PRUNE OR DAMAGE LEADER
#9 GAUGE GALVANIZED WIRE ENCASED IN BURLAP OR EQUIVALENT SUBSTITUTE
WOOD STAKES 50mm ROUND OR SQUARE. REMOVE AT END OF WARRANTY PERIOD.
POSITION ROOT COLLAR 150mm HIGHER THAN SURROUNDING GRADE
70mm MULCH- SOD TO WITHIN 300mm OF TRUNK
TREEGATOR JR PRO WATERING BAG. INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS
CUT AND REMOVE BURLAP FROM TOP 1/3 OF ROOTBALL
CUT AND REMOVE TOP 1/3 OR WIRE BASKET
PLANTING SOIL AS SPECIFIED
SCARIFY AND LOOSEN BOTTOM AND SIDES OF TREE PIT TO A DEPTH OF 300mm
SUBGRADE
150
150
300
300

D3 TYPICAL CONIFEROUS TREE PLANTING

NTS

2018 5

DETAILS


PLANT SHRUB SLIGHTLY HIGHER THAN EXISTING GRADE TO ALLOW FOR SETTLEMENT
70mm DEEP MULCH - AS SPECIFIED
CUT AND REMOVE BURLAP FROM TOP 1/3 OF ROOTBALL, AND/OR REMOVE POT
PLANTING AS SPECIFIED
SUBGRADE
WHERE SHRUB IS PLANTED BARE ROOT, SPREAD ROOTS SO THEY LIE IN NATURAL POSITION
HALF ON CENTER SPACING
FULL ON CENTER SPACING
120
450
SET PLANTING BED 50mm HIGHER THAN FINISHED GRADE
SCARIFY AND LOOSEN BOTTOM AND SIDES OF PLANTING PIT TO A DEPTH OF 150mm

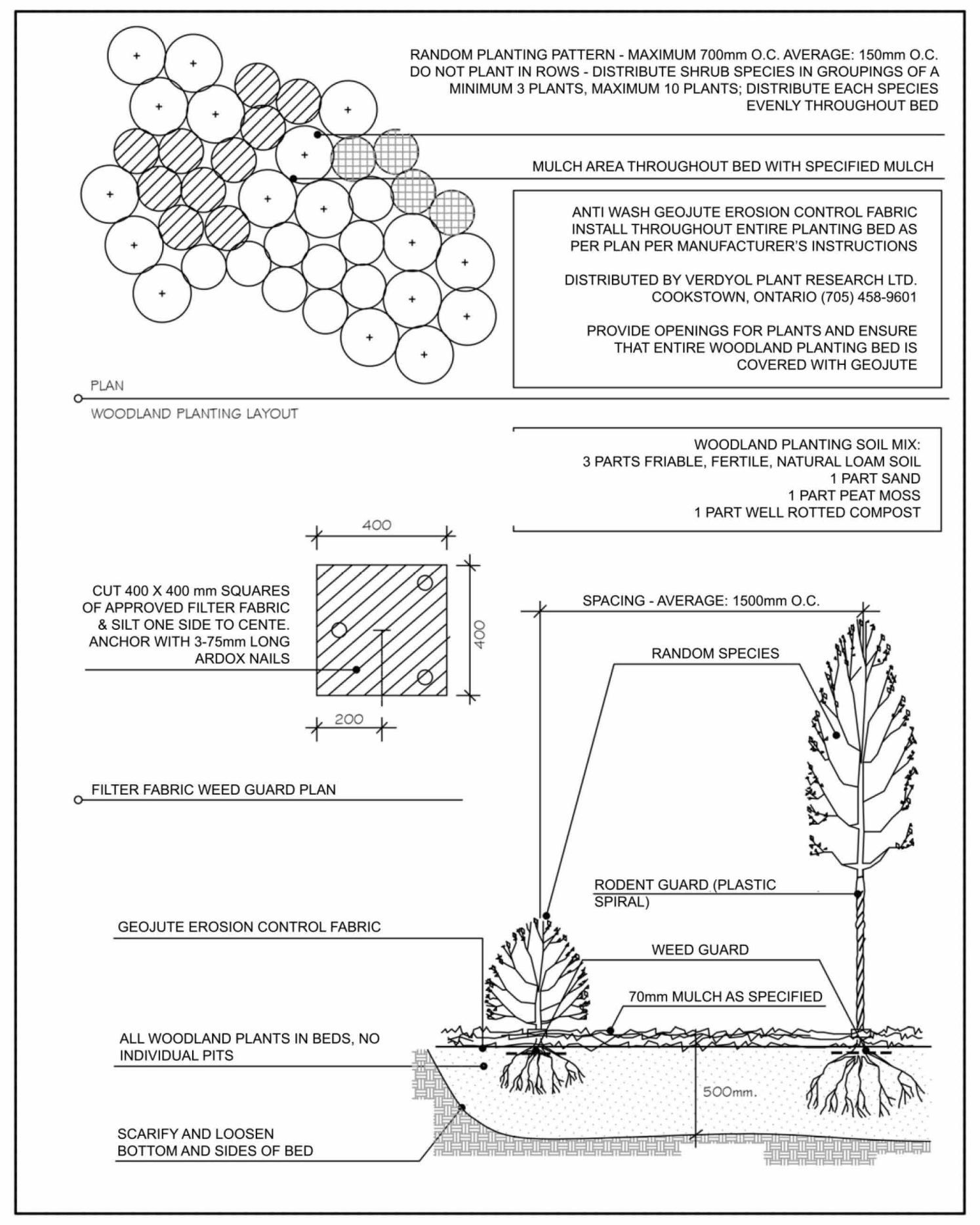
NOTES:
1. SHRUBS SHALL BEAR SAME RELATION TO FINSIHED GRADE AS THEY BORE TO PREVIOUS EXISTING GRADE.

D4 TYPICAL SHRUB PLANTING

NTS

2018 6

DETAILS

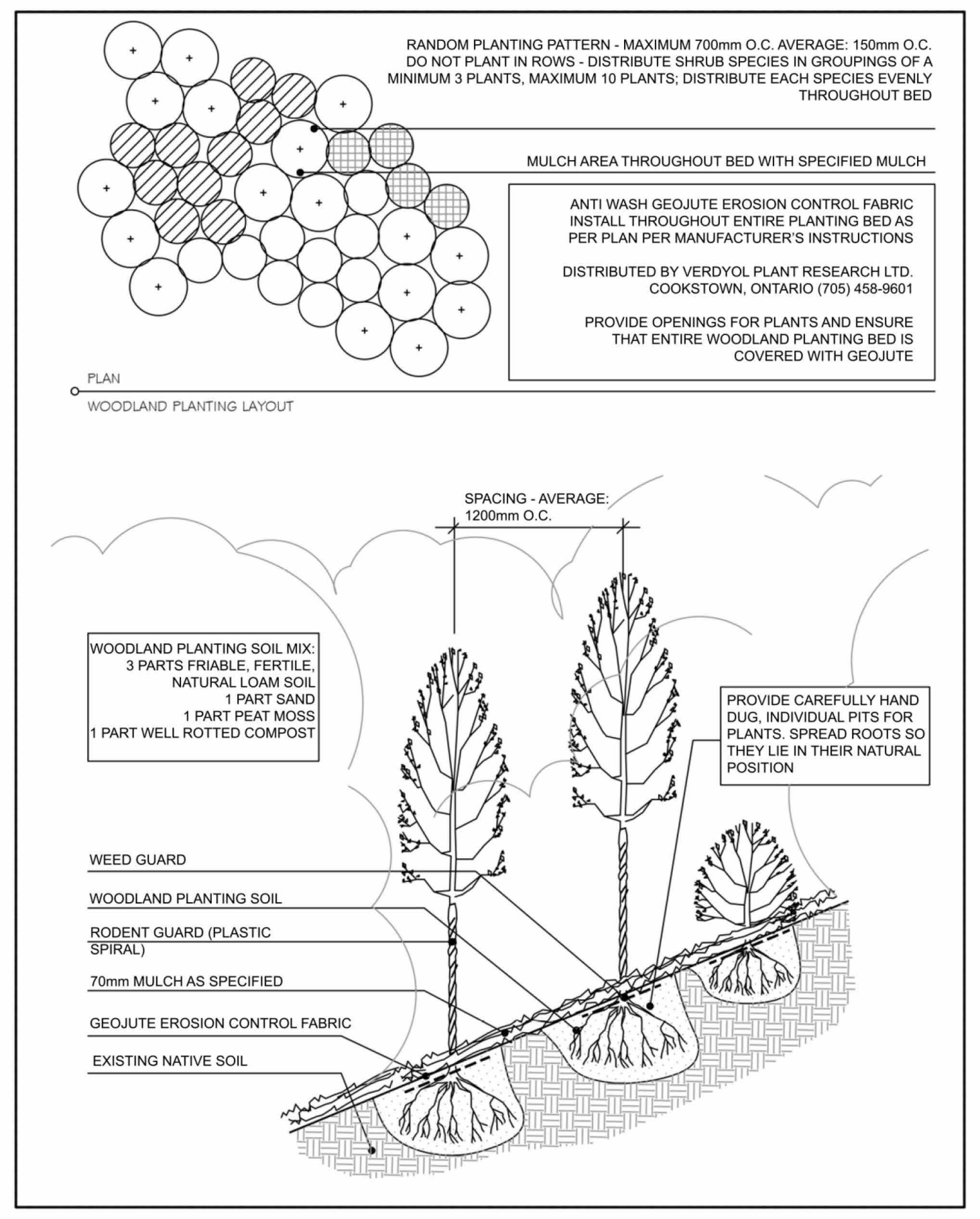

RANDOM PLANTING PATTERN - MAXIMUM 700mm O.C. AVERAGE: 150mm O.C. DO NOT PLANT IN ROWS - DISTRIBUTE SHRUB SPECIES IN GROUPINGS OF A MINIMUM 3 PLANTS, MAXIMUM 10 PLANTS; DISTRIBUTE EACH SPECIES EVENLY THROUGHOUT BED
MULCH AREA THROUGHOUT BED WITH SPECIFIED MULCH
ANTI WASH GEOJUTE EROSION CONTROL FABRIC INSTALL THROUGHOUT ENTIRE PLANTING BED AS PER PLAN PER MANUFACTURER'S INSTRUCTIONS
DISTRIBUTED BY VERDYOL PLANT RESEARCH LTD. COOKSTOWN, ONTARIO (705) 458-9601
PROVIDE OPENINGS FOR PLANTS AND ENSURE THAT ENTIRE WOODLAND PLANTING BED IS COVERED WITH GEOJUTE
PLAN
WOODLAND PLANTING LAYOUT
WOODLAND PLANTING SOIL MIX: 3 PARTS FRIABLE, FERTILE, NATURAL LOAM SOIL 1 PART SAND 1 PART PEAT MOSS 1 PART WELL ROTTED COMPOST
400
400
200
CUT 400 X 400 mm SQUARES OF APPROVED FILTER FABRIC & SILT ONE SIDE TO CENTE. ANCHOR WITH 3-75mm LONG ARDOX NAILS
FILTER FABRIC WEED GUARD PLAN
SPACING - AVERAGE: 1500mm O.C.
RANDOM SPECIES
RODENT GUARD (PLASTIC SPIRAL)
GEOJUTE EROSION CONTROL FABRIC
WEED GUARD
70mm MULCH AS SPECIFIED
ALL WOODLAND PLANTS IN BEDS, NO INDIVIDUAL PITS
500mm.
SCARIFY AND LOOSEN BOTTOM AND SIDES OF BED

D5 TYPICAL WOODLAND PLANTING

NTS

2018 7

DETAILS

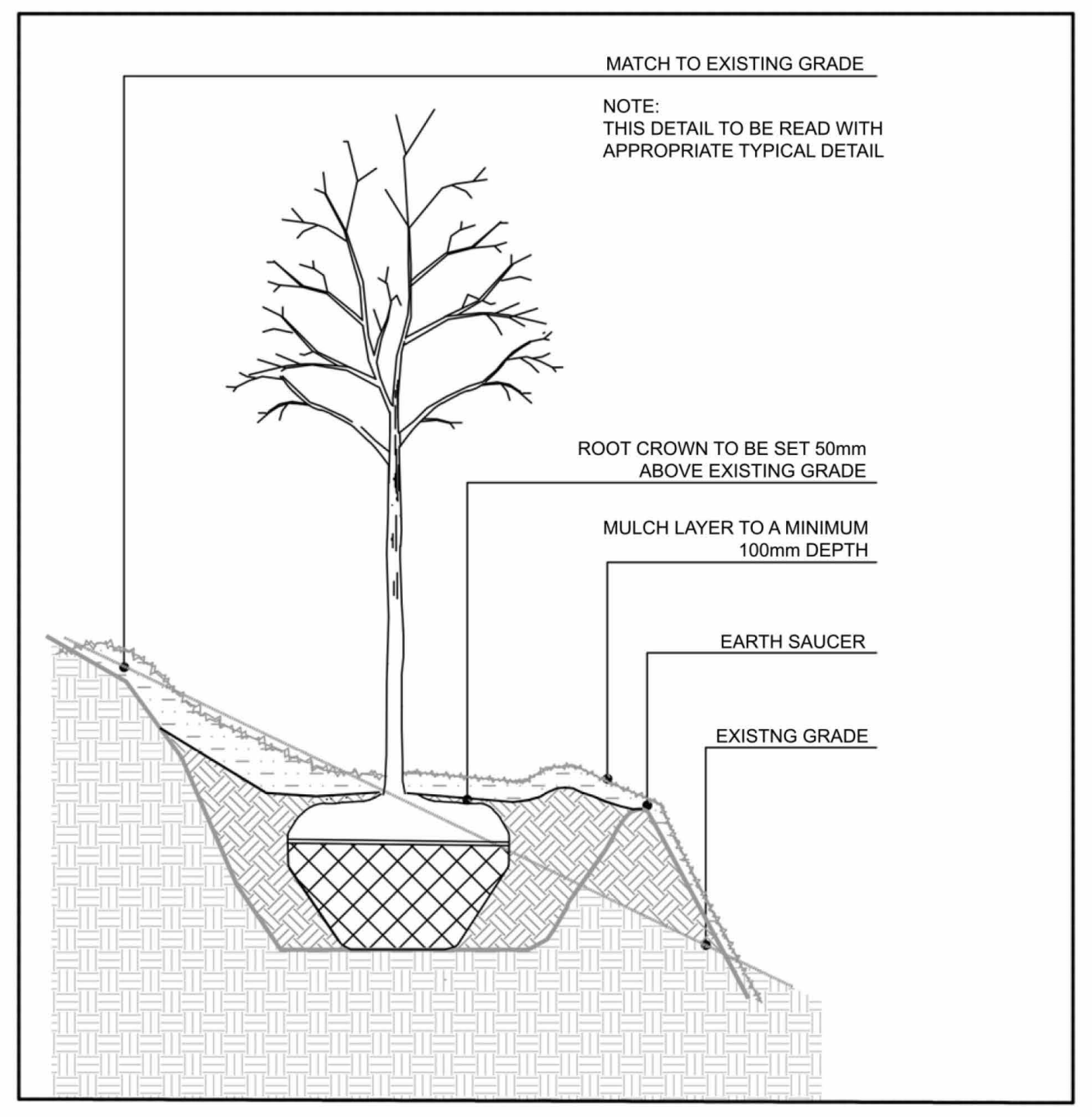

RANDOM PLANTING PATTERN - MAXIMUM 700mm O.C. AVERAGE: 150mm O.C. DO NOT PLANT IN ROWS - DISTRIBUTE SHRUB SPECIES IN GROUPINGS OF A MINIMUM 3 PLANTS, MAXIMUM 10 PLANTS; DISTRIBUTE EACH SPECIES EVENLY THROUGHOUT BED
MULCH AREA THROUGHOUT BED WITH SPECIFIED MULCH
ANTI WASH GEOJUTE EROSION CONTROL FABRIC INSTALL THROUGHOUT ENTIRE PLANTING BED AS PER PLAN PER MANUFACTURER'S INSTRUCTIONS
DISTRIBUTED BY VERDYOL PLANT RESEARCH LTD. COOKSTOWN, ONTARIO (705) 458-9601
PROVIDE OPENINGS FOR PLANTS AND ENSURE THAT ENTIRE WOODLAND PLANTING BED IS COVERED WITH GEOJUTE
PLAN
WOODLAND PLANTING LAYOUT
SPACING - AVERAGE: 1200mm O.C.
WOODLAND PLANTING SOIL MIX: 3 PARTS FRIABLE, FERTILE, NATURAL LOAM SOIL 1 PART SAND 1 PART PEAT MOSS 1 PART WELL ROTTED COMPOST
PROVIDE CAREFULLY HAND DUG, INDIVIDUAL PITS FOR PLANTS. SPREAD ROOTS SO THEY LIE IN THEIR NATURAL POSITION
WEED GUARD
WOODLAND PLANTING SOIL
RODENT GUARD (PLASTIC SPIRAL)
70mm MULCH AS SPECIFIED
GEOJUTE EROSION CONTROL FABRIC
EXISTING NATIVE SOIL

D6 TYPICALWOODLAND PLANTING ON SLOPE

NTS

2018 8

DETAILS


MATCH TO EXISTING GRADE
ROOT CROWN TO BE SET 50mm ABOVE EXISTING GRADE
MULCH LAYER TO A MINIMUM 100mm DEPTH
EARTH SAUCER
EXISTNG GRADE

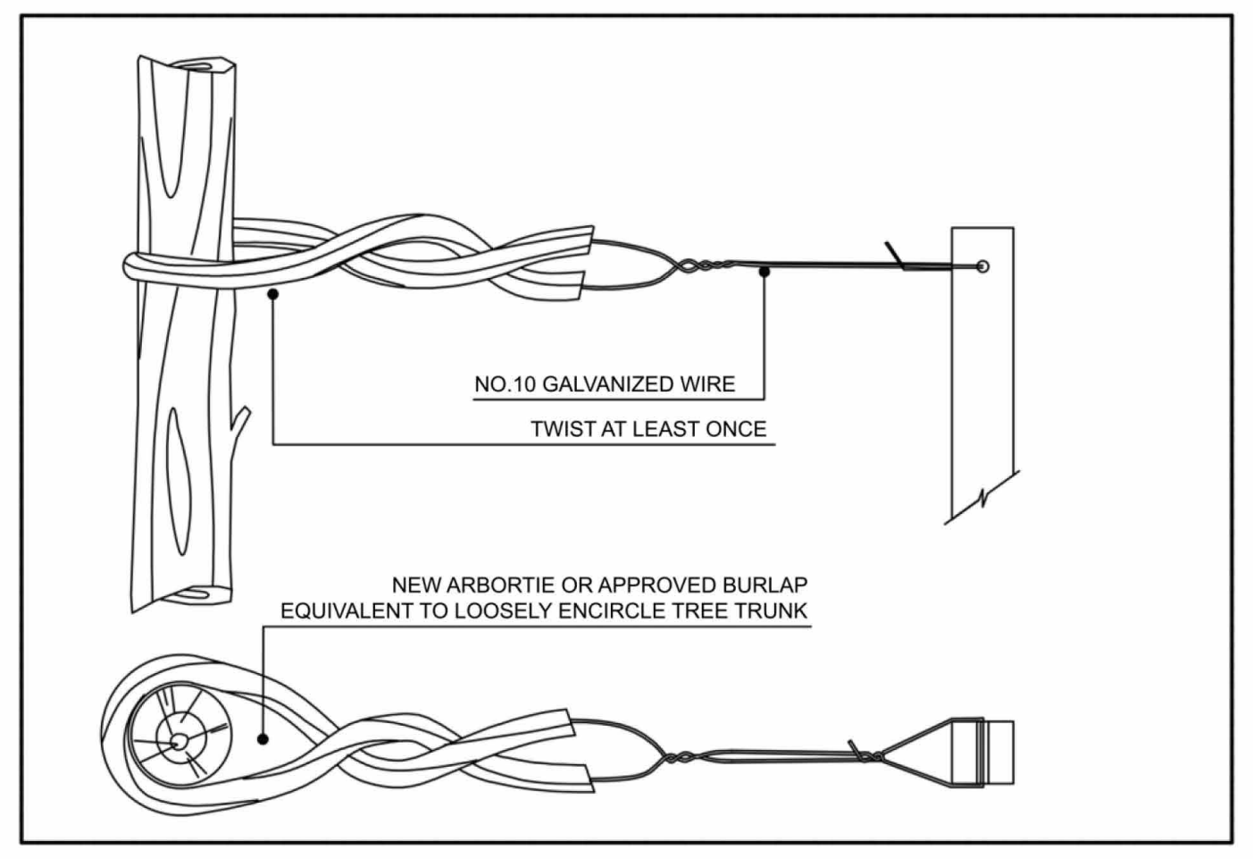
NOTE:
THIS DETAIL TO BE READ WITH APPROPRIATE TYPICAL DETAIL

D7 TYPICAL TREE/SHRUB SLOPE PLANTING

NTS

2018 9

DETAILS


NO.10 GALVANIZED WIRE
TWIST AT LEAST ONCE
NEW ARBORTIE OR APPROVED BURLAP EQUIVALENT TO LOOSELY ENCIRCLE TREE TRUNK

D8 TYPICAL SUPPORT WIRE/HOSE DETAIL

NTS

2018 10

diamond schmitt

gh3*

Issued

No.	**Date**	**Description**
1	01/23/2026	Issued for SPA
2	02/11/2026	Issued for SPA - R1
3	02/27/2026	Issued for 90% Design Development
4	03/13/2026	Issued for 100% Design Development
5	05/22/2026	Issued for 30% Construction Documents
6	06/05/2026	Issued for SPA Resubmission No. 1

NOT FOR CONSTRUCTION

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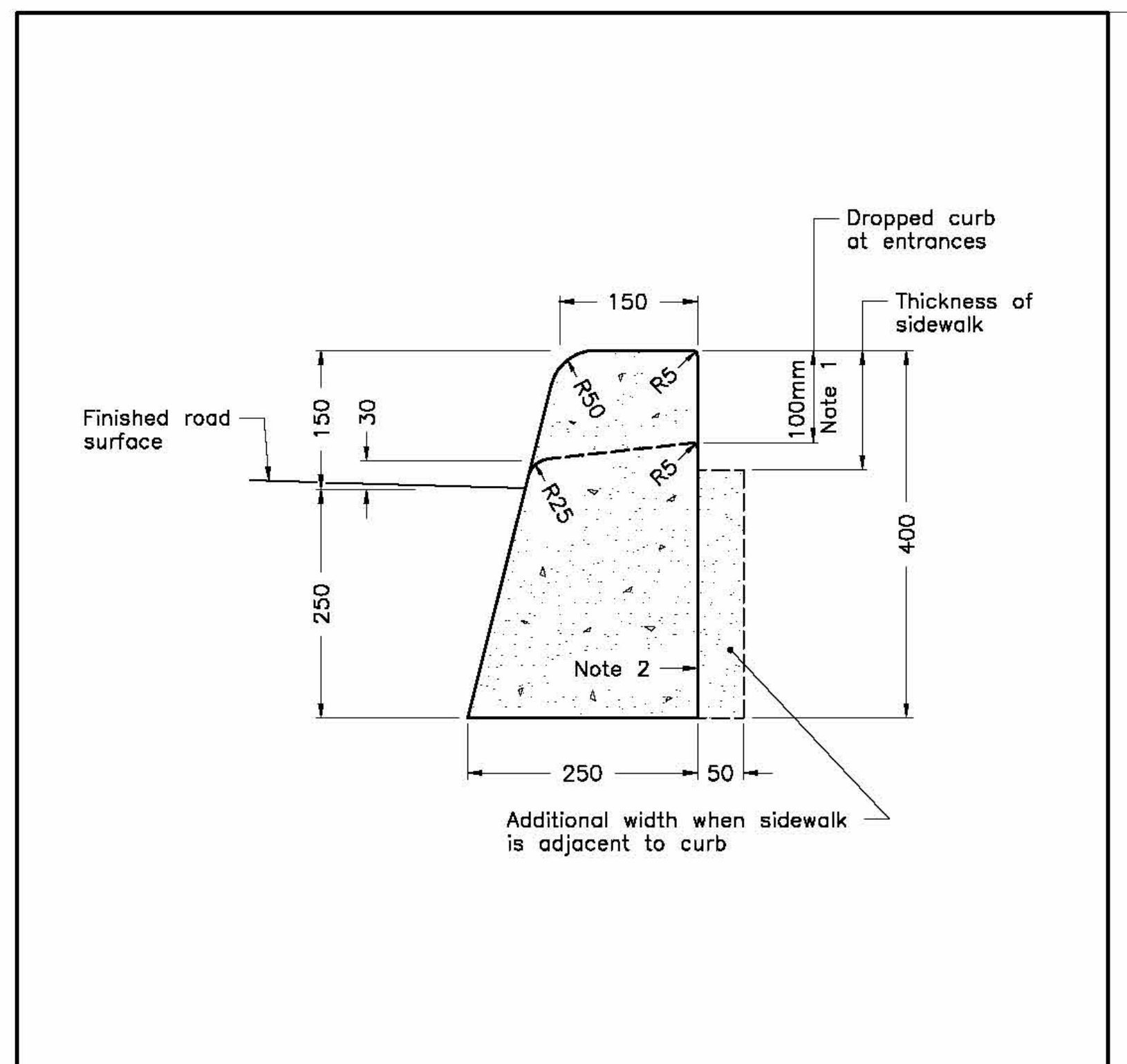
Do Not Scale Drawings.

This Drawing is Not to be Used for Construction Until Signed by the Architect.

HRPS HQ + REOC
SP.1530.019
25003

Region Standard Softscape Details
1 : 1

L410


Dropped curb at entrances
150
Thickness of sidewalk
Finished road surface
150
30
R50
R5
R25
100mm Note 1
400
250
Note 2
250
50
Additional width when sidewalk is adjacent to curb

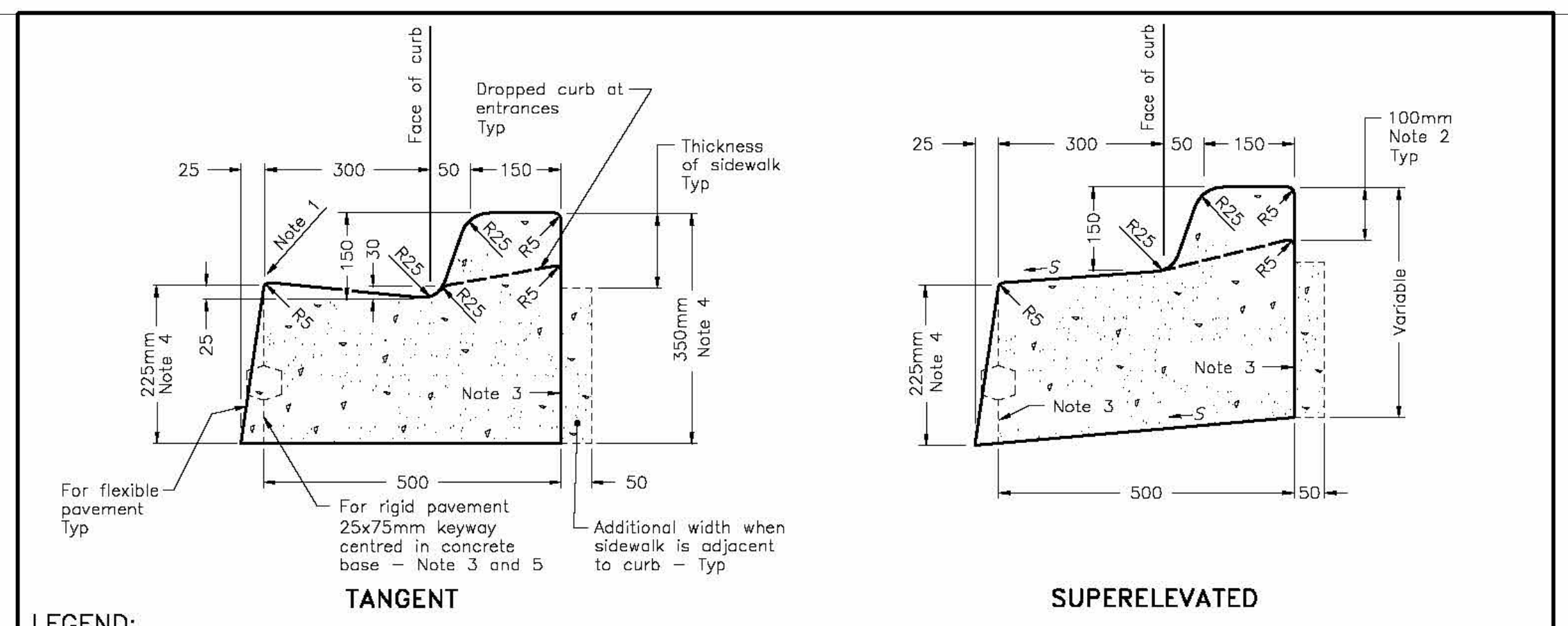
NOTES:
1 When sidewalk is continuously adjacent, the dropped curb at entrances shall be reduced to 75mm.
2 For slipforming procedure a 5% batter is acceptable.
A Treatment at entrances shall be according to OPSD 351.010.
B Outlet treatment shall be according to the OPSD 610 Series.
C The transition from one curb type to another shall be a minimum length of 3.0m, except in conjunction with guide rail where it shall be according to the OPSD 900 Series.
D All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING | Nov 2012 | Rev 2

CONCRETE BARRIER CURB

OPSD 600.110

1 CONCRETE BARRIER CURB
L411


Face of curb
Dropped curb at entrances Typ
Thickness of sidewalk Typ
25
300
50
150
Note 1
225mm Note 4
350mm Note 4
Note 3
For flexible pavement Typ
500
50
For rigid pavement 25x75mm keyway centred in concrete base – Note 3 and 5
Additional width when sidewalk is adjacent to curb – Typ
TANGENT
100mm Note 2 Typ
Variable
SUPERELEVATED

LEGEND:
S – Rate of pavement superelevation in percent, %.

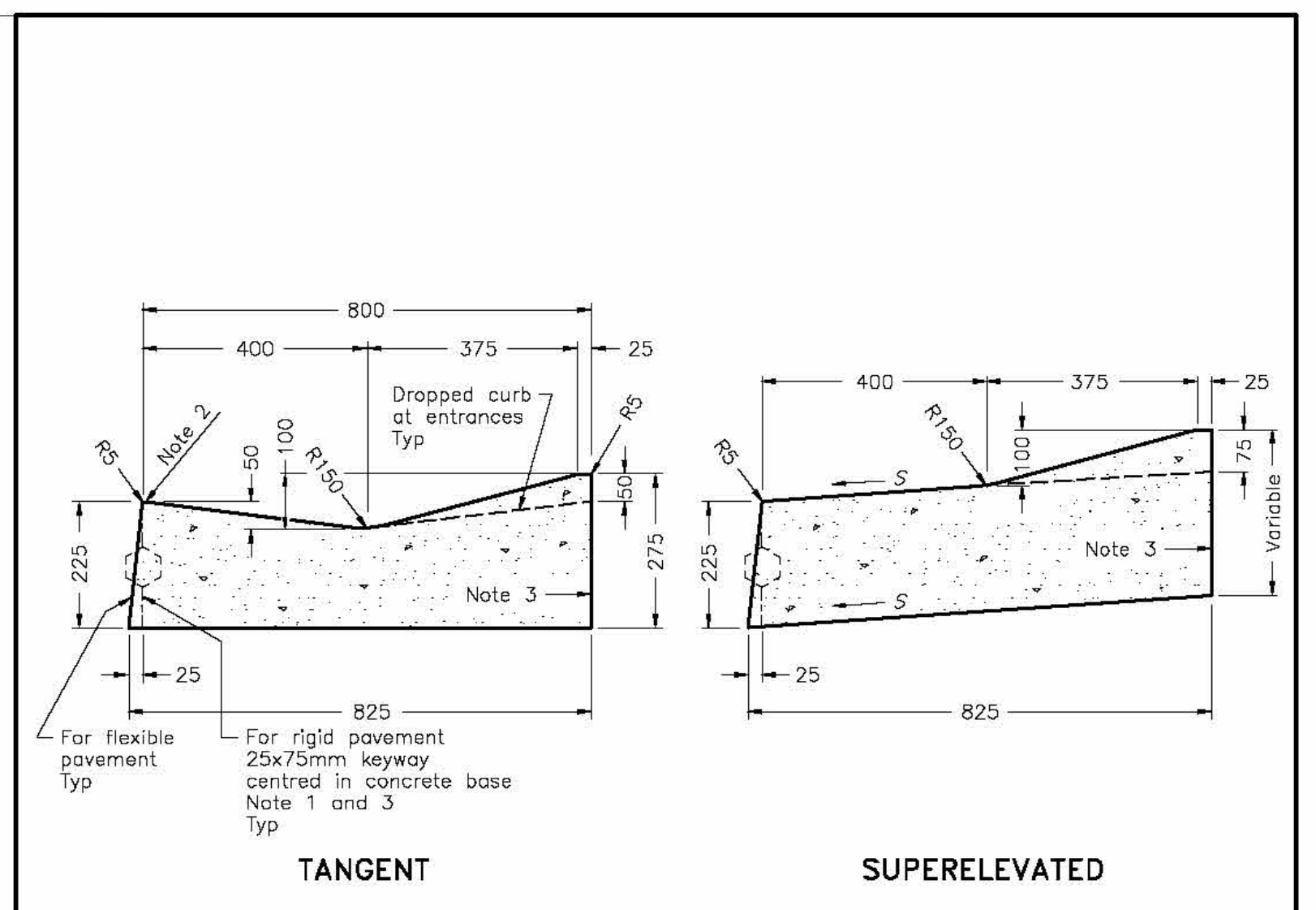
NOTES:
1 Flexible and composite pavement shall be placed 5mm above the adjacent edge of gutter.
2 When sidewalk is continuously adjacent, the dropped curb at entrances shall be reduced to 75mm.
3 For slipforming procedure a 5% batter is acceptable.
4 For composite pavement the depth of concrete curb shall be adjusted to depth of concrete pavement.
5 When tie bars are specified, refer to OPSD 552.010 and 552.020 for details.
A Treatment at entrances shall be according to OPSD 351.010.
B Outlet treatment shall be according to the OPSD 610 Series.
C The transition from one curb type to another shall be a minimum length of 3.0m, except in conjunction with guide rail where it shall be according to the OPSD 900 Series.
D All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING | Nov 2012 | Rev 2

CONCRETE BARRIER CURB WITH STANDARD GUTTER

OPSD 600.040

2 CONCRETE BARRIER CURB W. GUTTER
L411


800
400
375
25
Dropped curb at entrances Typ
Note 2
225
For flexible pavement Typ
For rigid pavement 25x75mm keyway centred in concrete base Note 1 and 3 Typ
825
TANGENT
SUPERELEVATED

LEGEND:
S – Rate of pavement superelevation in percent, %.

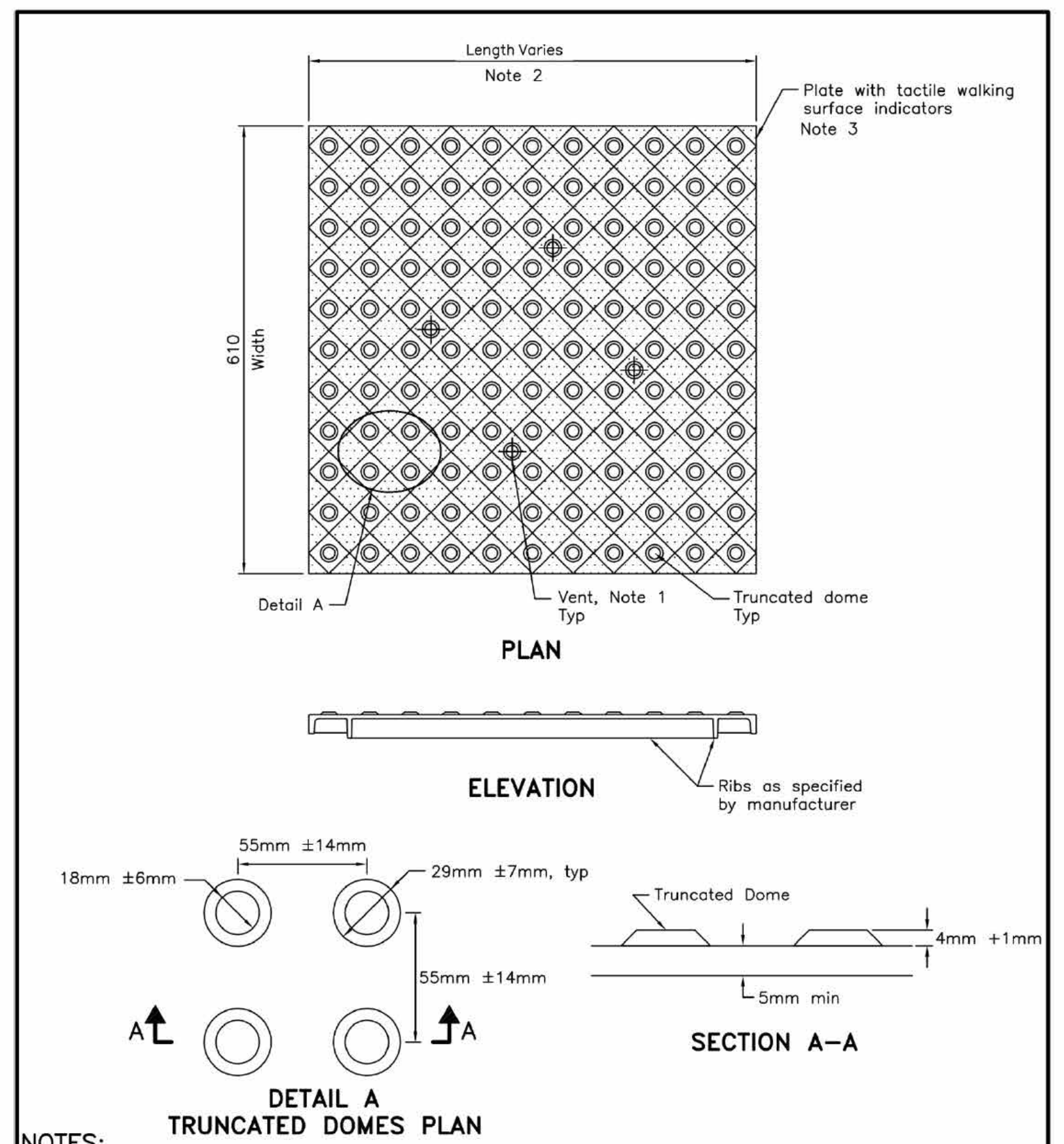
NOTES:
1 When curb and gutter is adjacent to concrete pavement or base, this drawing shall be used in conjunction with OPSD 552.010 and 552.020.
2 Flexible and composite pavement shall be placed 5mm above the adjacent edge of gutter.
3 For slipforming procedure a 5% batter is acceptable.
A Treatment at entrances shall be according to OPSD 351.010.
B Outlet treatment shall be according to the OPSD 610 Series.
C The transition from one curb type to another shall be a minimum length of 3.0m, except in conjunction with guide rail where it shall be according to the OPSD 900 Series.
D All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING | Nov 2012 | Rev 2

CONCRETE MOUNTABLE CURB WITH WIDE GUTTER

OPSD 600.030

3 CONCRETE MOUNTABLE CURB W. GUTTER
L411


Length Varies Note 2
Plate with tactile walking surface indicators Note 3
610 Width
Detail A
Vent, Note 1 Typ
Truncated dome Typ
PLAN
ELEVATION
Ribs as specified by manufacturer
55mm ±14mm
18mm ±6mm
29mm ±7mm, typ
55mm ±14mm
Truncated Dome
4mm +1mm
5mm min
SECTION A–A
DETAIL A
TRUNCATED DOMES PLAN

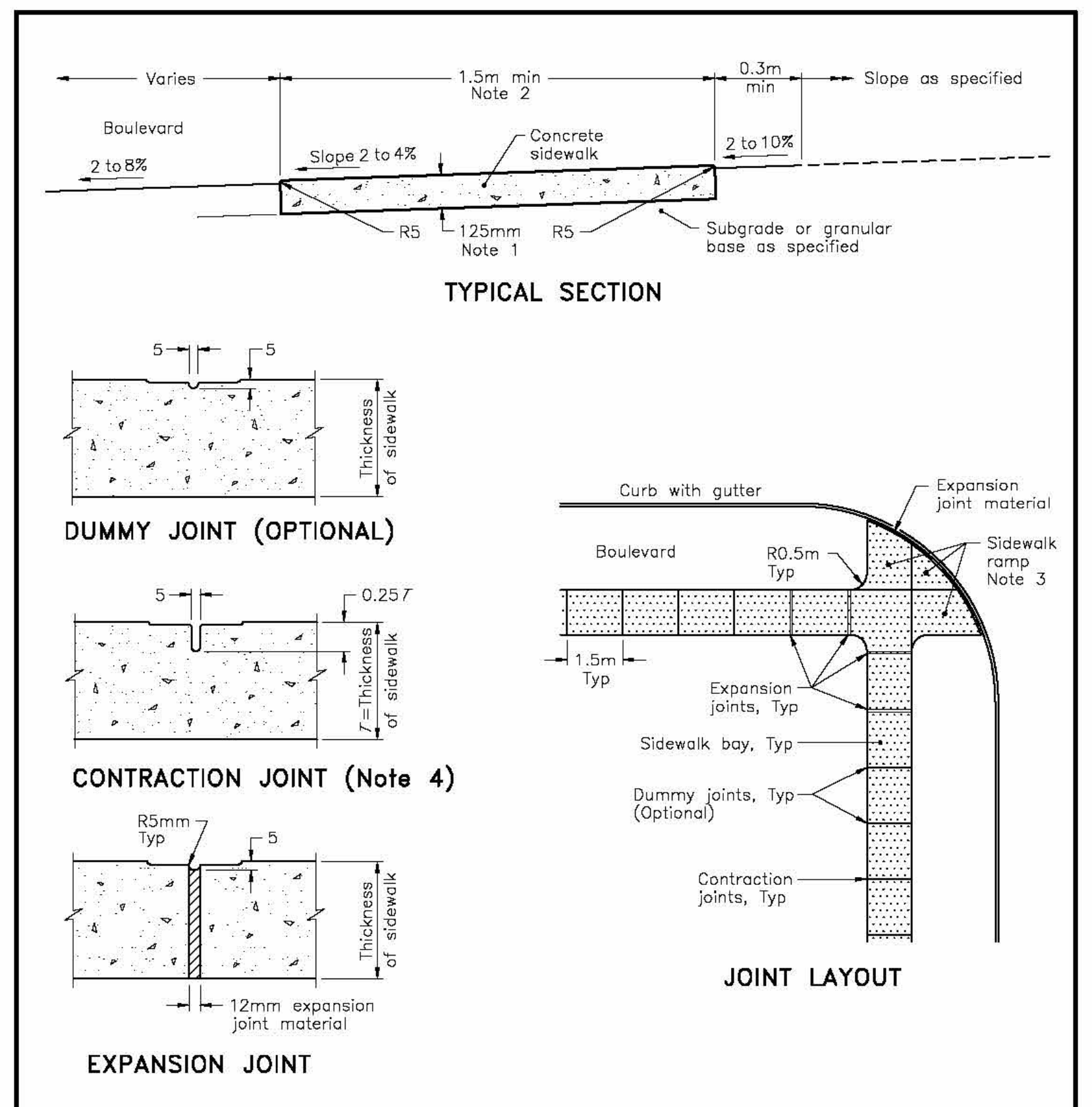
NOTES:
1 Vents shall be as specified by the manufacturer.
2 Length of plate may be increased to suit the curb depression width.
3 Material of plate shall be as specified in Contract Documents.
A Adjacent cast iron plates shall be permanently connected using a locking mechanism and any hardware shall be hot dipped galvanized.
B All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING | Nov 2019 | Rev 1

CONCRETE SIDEWALK RAMPS TACTILE WALKING SURFACE INDICATORS COMPONENT

OPSD 310.039

9 TACTILE SURFACE
L411


Varies
1.5m min Note 2
0.3m min
Slope as specified
Boulevard
2 to 8%
Slope 2 to 4%
Concrete sidewalk
2 to 10%
R5
125mm Note 1
R5
Subgrade or granular base as specified
TYPICAL SECTION
DUMMY JOINT (OPTIONAL)
Thickness of sidewalk
CONTRACTION JOINT (Note 4)
0.25T
Curb with gutter
Expansion joint material
Boulevard
R0.5m Typ
Sidewalk ramp Note 3
1.5m Typ
Expansion joints, Typ
Sidewalk bay, Typ
Dummy joints, Typ (Optional)
Contraction joints, Typ
JOINT LAYOUT
R3mm Typ
12mm expansion joint material
EXPANSION JOINT

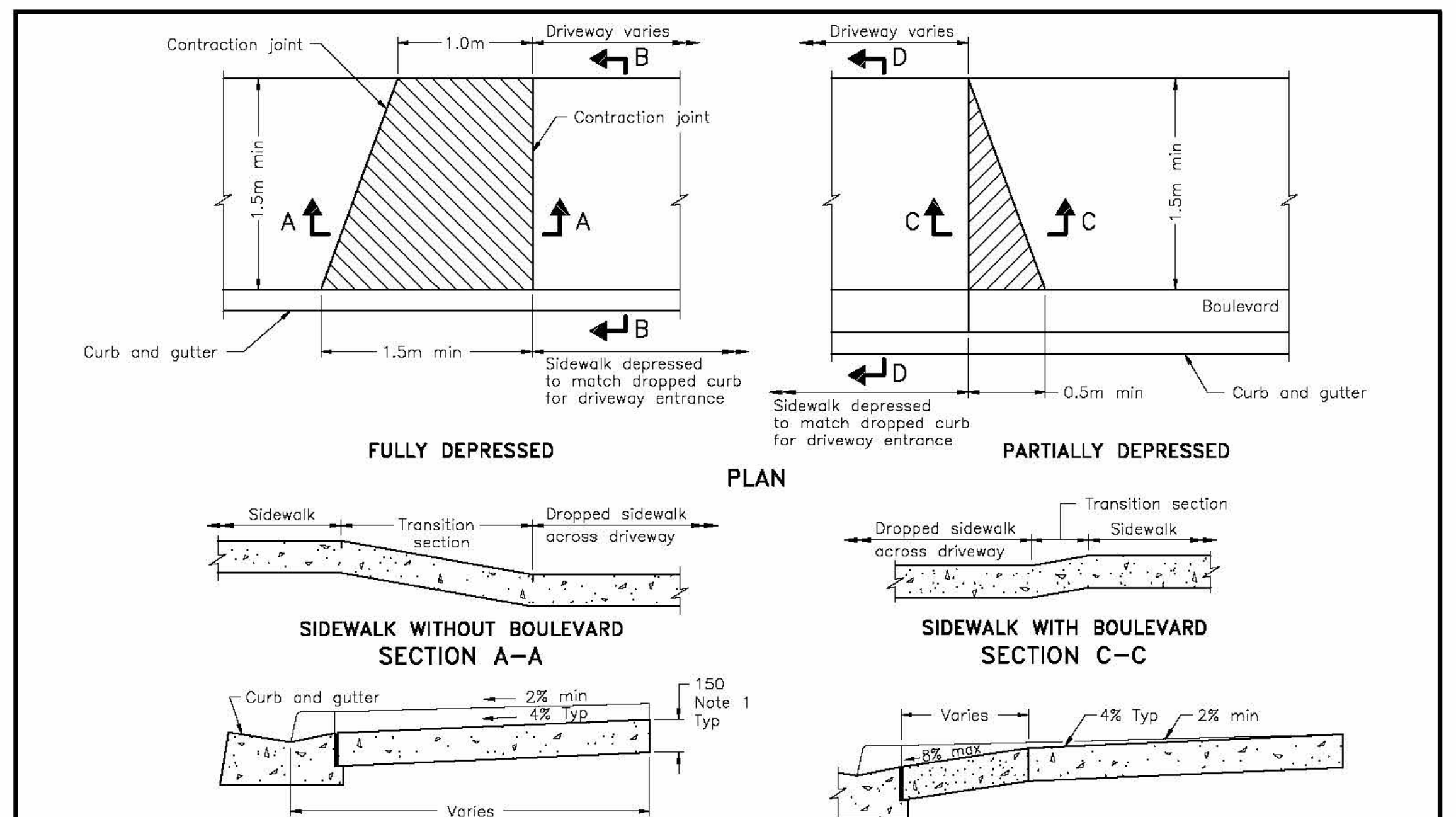
NOTES:
1 Sidewalk thickness at residential driveways and adjacent to curb shall be 150mm. At commercial and industrial driveways, the thickness shall be 200mm.
2 Sidewalk width shall be wider when specified.
3 This OPSD shall be read in conjunction with OPSD 310.030, 310.031, 310.033, and 310.039.
4 Contraction Joint may be tooled or sawcut.
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING | Nov 2019 | Rev 3

CONCRETE SIDEWALK

OPSD 310.010

4 CONCRETE SIDEWALK
L411


Contraction joint
1.0m
Driveway varies
B
Contraction joint
1.5m min
A
A
Curb and gutter
1.5m min
B
Sidewalk depressed to match dropped curb for driveway entrance
FULLY DEPRESSED
Driveway varies
D
C
C
1.5m min
Boulevard
D
0.5m min
Curb and gutter
Sidewalk depressed to match dropped curb for driveway entrance
PARTIALLY DEPRESSED
PLAN
Sidewalk
Transition section
Dropped sidewalk across driveway
SIDEWALK WITHOUT BOULEVARD
SECTION A–A
Dropped sidewalk across driveway
Transition section
Sidewalk
SIDEWALK WITH BOULEVARD
SECTION C–C
Curb and gutter
2% min
4% Typ
150 Note 1 Typ
Varies
SECTION B–B
Varies
4% Typ
2% min
8% max
SECTION D–D

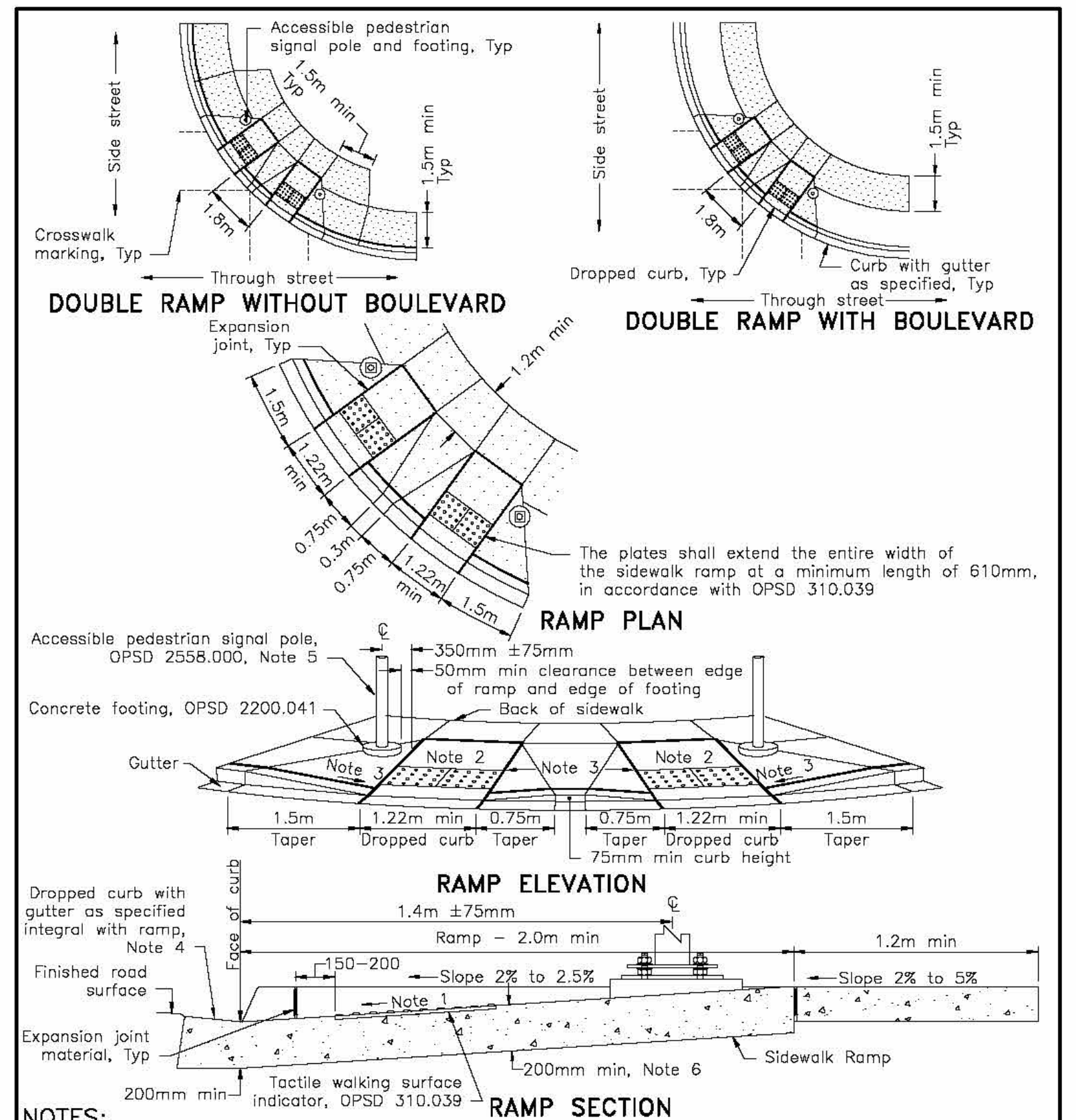
NOTES:
1 At commercial and industrial driveways, the thickness shall be 200mm.
A For contraction joint detail, see OPSD 310.010.
B All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING | Nov 2019 | Rev 3

CONCRETE SIDEWALK DRIVEWAY ENTRANCE DETAILS

OPSD 310.050

5 CONCRETE SIDEWALK AT DRIVEWAY ENTRANCE CURB CUT
L411


Accessible pedestrian signal pole and footing, Typ
Side street
Crosswalk marking, Typ
Through street
DOUBLE RAMP WITHOUT BOULEVARD
Dropped curb, Typ
Curb with gutter as specified, Typ
DOUBLE RAMP WITH BOULEVARD
Expansion joint, Typ
The plates shall extend the entire width of the sidewalk ramp at a minimum length of 610mm, in accordance with OPSD 310.039
RAMP PLAN
Accessible pedestrian signal pole, OPSD 2558.000, Note 5
350mm ±75mm
50mm min clearance between edge of ramp and edge of footing
Back of sidewalk
Concrete footing, OPSD 2200.041
Gutter
1.5m Taper
1.22m min Dropped curb
0.75m Taper
75mm min curb height
RAMP ELEVATION
Dropped curb with gutter as specified integral with ramp, Note 4
Face of curb
1.4m ±75mm
Ramp – 2.0m min
1.2m min
150–200
Slope 2% to 2.5%
Slope 2% to 5%
Finished road surface
Note 1
Expansion joint material, Typ
200mm min
Tactile walking surface indicator, OPSD 310.039
200mm min, Note 6
Sidewalk Ramp
RAMP SECTION

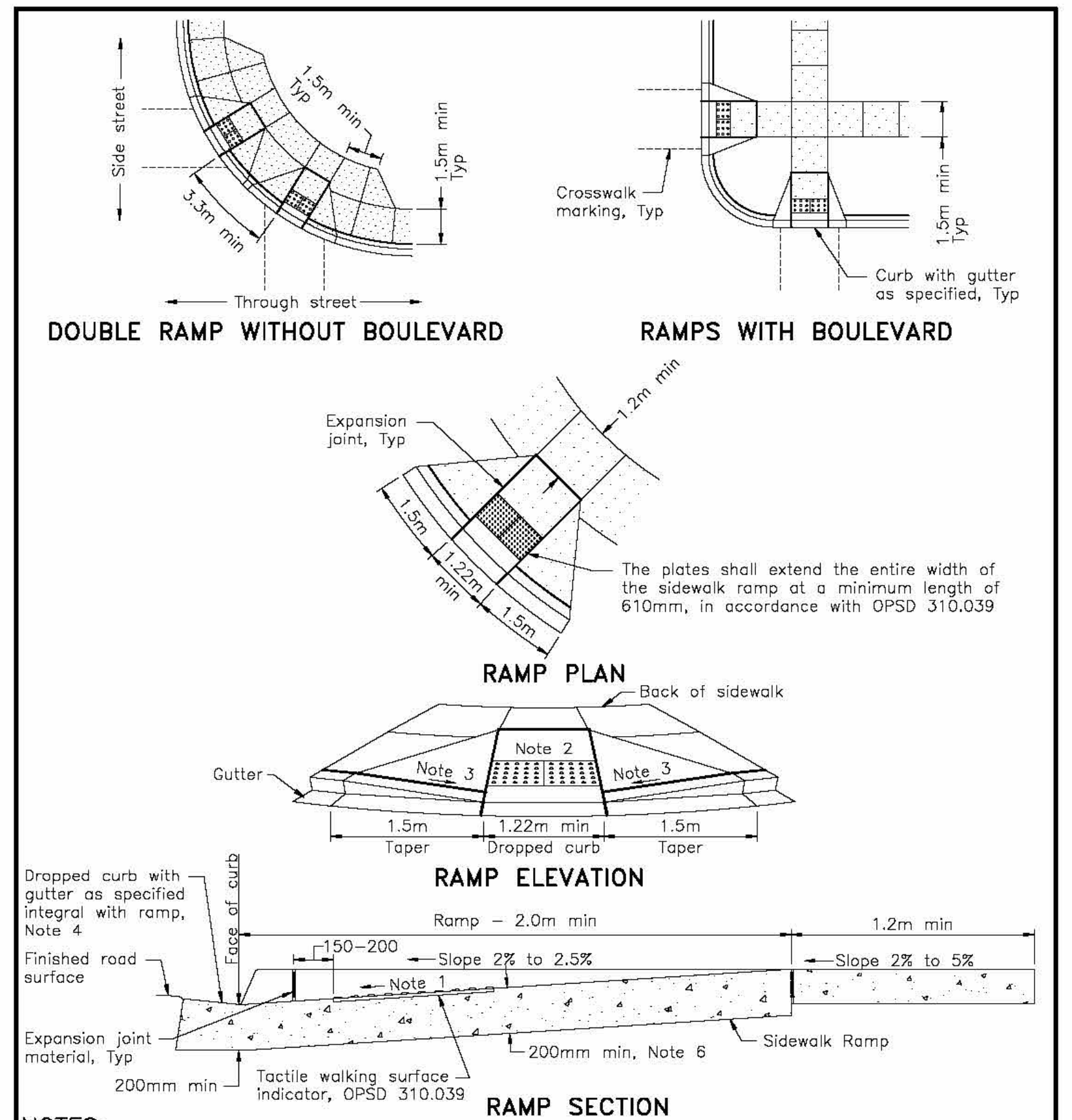
NOTES:
1 Slope of ramp shall not exceed 8%.
2 Cross slope of ramp shall not exceed 2% in either direction.
3 Cross slope of flared side of ramp shall not exceed 8%.
4 Dropped curb at ramp shall be modified to eliminate 30 mm step at gutter line.
5 Accessible pedestrian signal to have tactile arrow that aligns with direction of crosswalk.
6 Minimum thickness of ramp is 200mm. Minimum thickness of sidewalk and flared sides adjacent to ramp is 150mm.
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING | Nov 2015 | Rev 0

CONCRETE SIDEWALK RAMPS AT SIGNALIZED INTERSECTIONS WITH INTERSECTING CROSSWALKS

OPSD 310.031

6 CONCRETE SIDEWALK RAMPS AT SIGNALIZED INTERSECTION
L411


Side street
Through street
DOUBLE RAMP WITHOUT BOULEVARD
Crosswalk marking, Typ
Curb with gutter as specified, Typ
RAMPS WITH BOULEVARD
Expansion joint, Typ
The plates shall extend the entire width of the sidewalk ramp at a minimum length of 610mm, in accordance with OPSD 310.039
RAMP PLAN
Back of sidewalk
Gutter
1.5m Taper
1.22m min Dropped curb
1.5m Taper
RAMP ELEVATION
Dropped curb with gutter as specified integral with ramp, Note 4
Face of curb
Ramp – 2.0m min
1.2m min
150–200
Slope 2% to 2.5%
Slope 2% to 5%
Finished road surface
Note 1
Expansion joint material, Typ
200mm min
Tactile walking surface indicator, OPSD 310.039
200mm min, Note 6
Sidewalk Ramp
RAMP SECTION

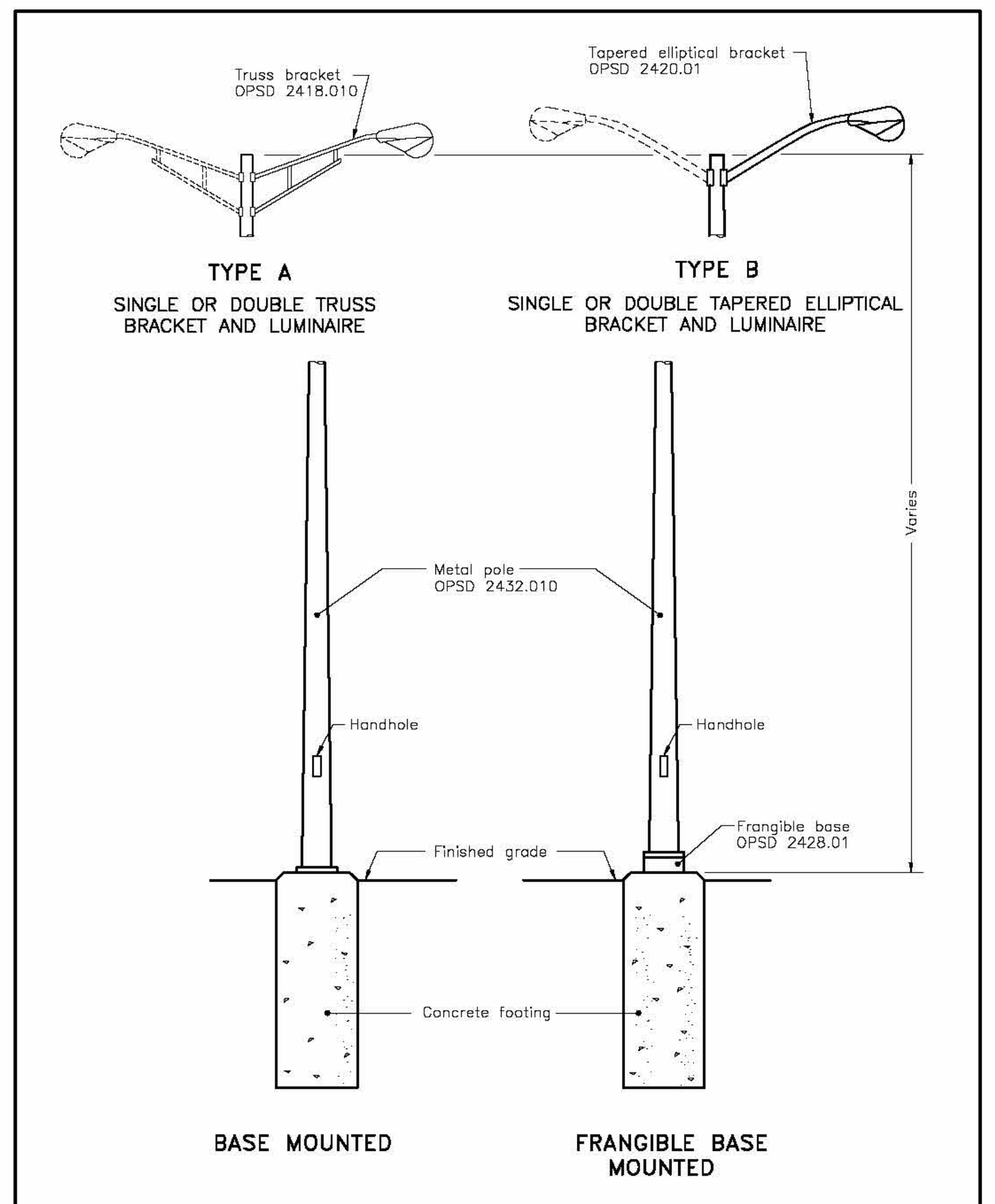
NOTES:
1 Slope of ramp shall not exceed 8%.
2 Cross slope of ramp shall not exceed 2% in either direction.
3 Cross slope of flared side of ramp shall not exceed 8%.
4 Dropped curb at ramp shall be modified to eliminate 30 mm step at gutter line.
5 Minimum thickness of ramp is 200mm. Minimum thickness of sidewalk and flared sides adjacent to ramp is 150mm.
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING | Nov 2019 | Rev 1

CONCRETE SIDEWALK RAMPS AT UNSIGNALIZED INTERSECTIONS

OPSD 310.033

7 CONCRETE SIDEWALK RAMPS AT UNSIGNALIZED INTERSECTIONS
L411


Truss bracket OPSD 2418.010
Tapered elliptical bracket OPSD 2420.01
TYPE A
SINGLE OR DOUBLE TRUSS BRACKET AND LUMINAIRE
TYPE B
SINGLE OR DOUBLE TAPERED ELLIPTICAL BRACKET AND LUMINAIRE
Varies
Metal pole OPSD 2432.010
Handhole
Handhole
Frangible base OPSD 2428.01
Finished grade
Concrete footing
BASE MOUNTED
FRANGIBLE BASE MOUNTED

ONTARIO PROVINCIAL STANDARD DRAWING | Nov 2016 | Rev 1

METAL LIGHTING POLE
BASE MOUNTED

OPSD 2228.010

8 METAL LIGHTING POLE
L411

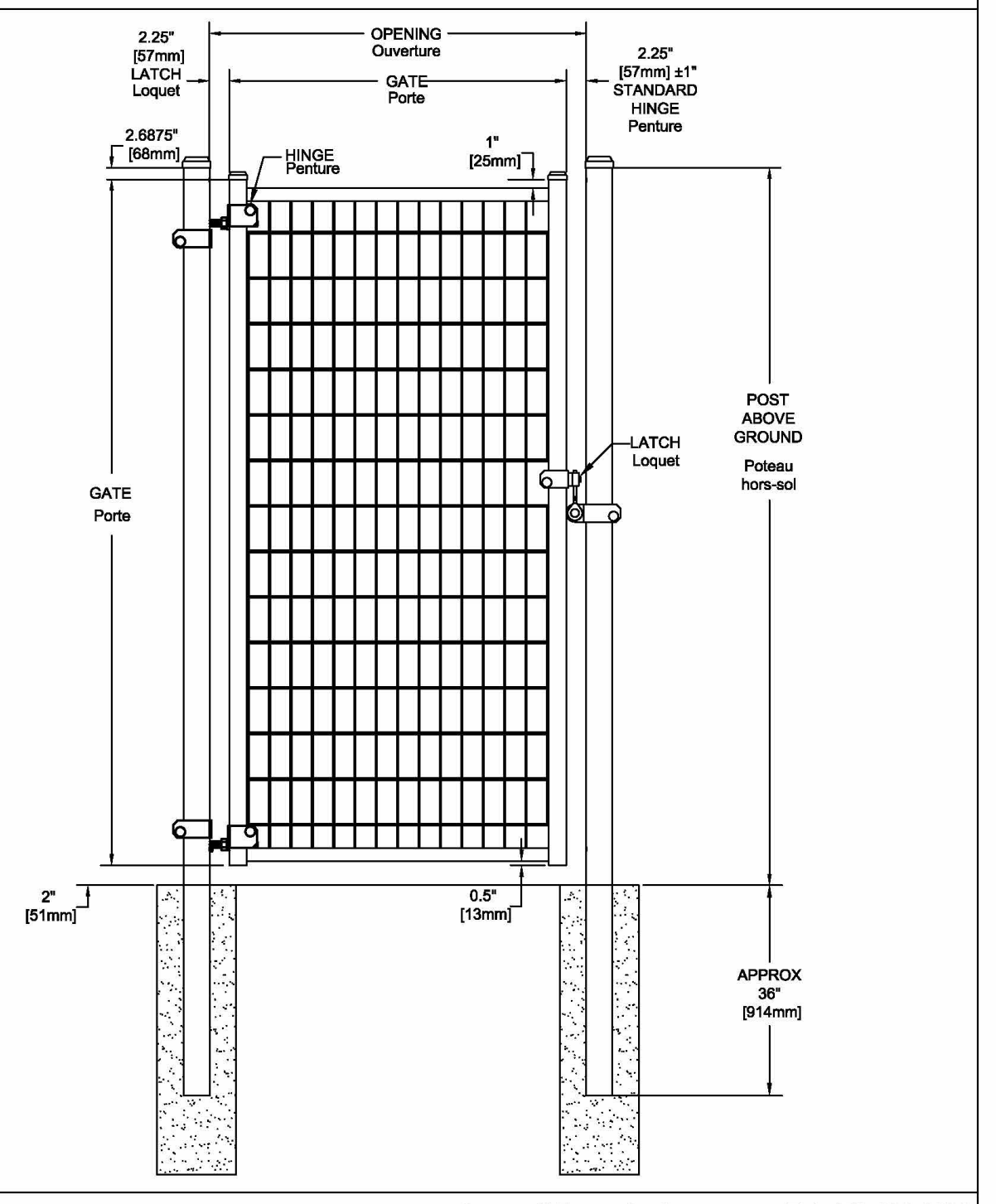
***BASIS OF DESIGN FOR SINGLE SWING GATE DETAIL**

OMEGA 10 SINGLE SWING GATE MODEL GPG10
Barrière OMEGA 10 à battant simple modèle GPG10

REVISION 01

GATE POST DIMENSIONS		
PANEL (H)	OPENING	POSTS
4'	3' to 7'	3" x 3" 11ga
6.5'	3' to 6'	3" x 3" 11ga
8'	3' to 5'	3" x 3" 11ga
6.5'	7'	4" x 4" 11ga
8'	6' & 7'	4" x 4" 11ga

Dimensions des poteaux de porte		
Panneau (H)	Ouverture	Poteau
4'	3' à 7'	3" x 3" 11ga
6,5'	3' à 6'	3" x 3" 11ga
8'	3' à 5'	3" x 3" 11ga
6,5'	7'	4" x 4" 11ga
8'	6' & 7"	4" x 4" 11ga


2.25" [57mm] LATCH Loquet
OPENING Ouverture
GATE Porte
2.25" [57mm] ±1" STANDARD HINGE Penture
2.6875" [68mm]
HINGE Penture
1" [25mm]
GATE Porte
LATCH Loquet
POST ABOVE GROUND
Poteau hors-sol
2" [51mm]
0.5" [13mm]
APPROX 36" [914mm]

SYSTÈMES DE CLÔTURES Omega II FENCE SYSTEMS

Omega II Fence Systems
1735 blvd. St-Elzéar West
Laval, Quebec
H7L 3N6

Tel: 450-686-9600
1-800-836-6342
Fax: 450-681-5318
www.omegatwo.com

10 OMEGA 10 SINGLE SWING GATE
L411

Halton REGION

diamond schmitt

gh3*

Issued

No.	Date	Description
1	01/23/2026	Issued for SPA
2	02/11/2026	Issued for SPA - R1
3	02/27/2026	Issued for 90% Design Development
4	03/13/2026	Issued for 100% Design Development
5	05/22/2026	Issued for 30% Construction Documents
6	06/05/2026	Issued for SPA Resubmission No. 1

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Contractor Must Check & Verify all Dimensions on the Job.

Do Not Scale Drawings.

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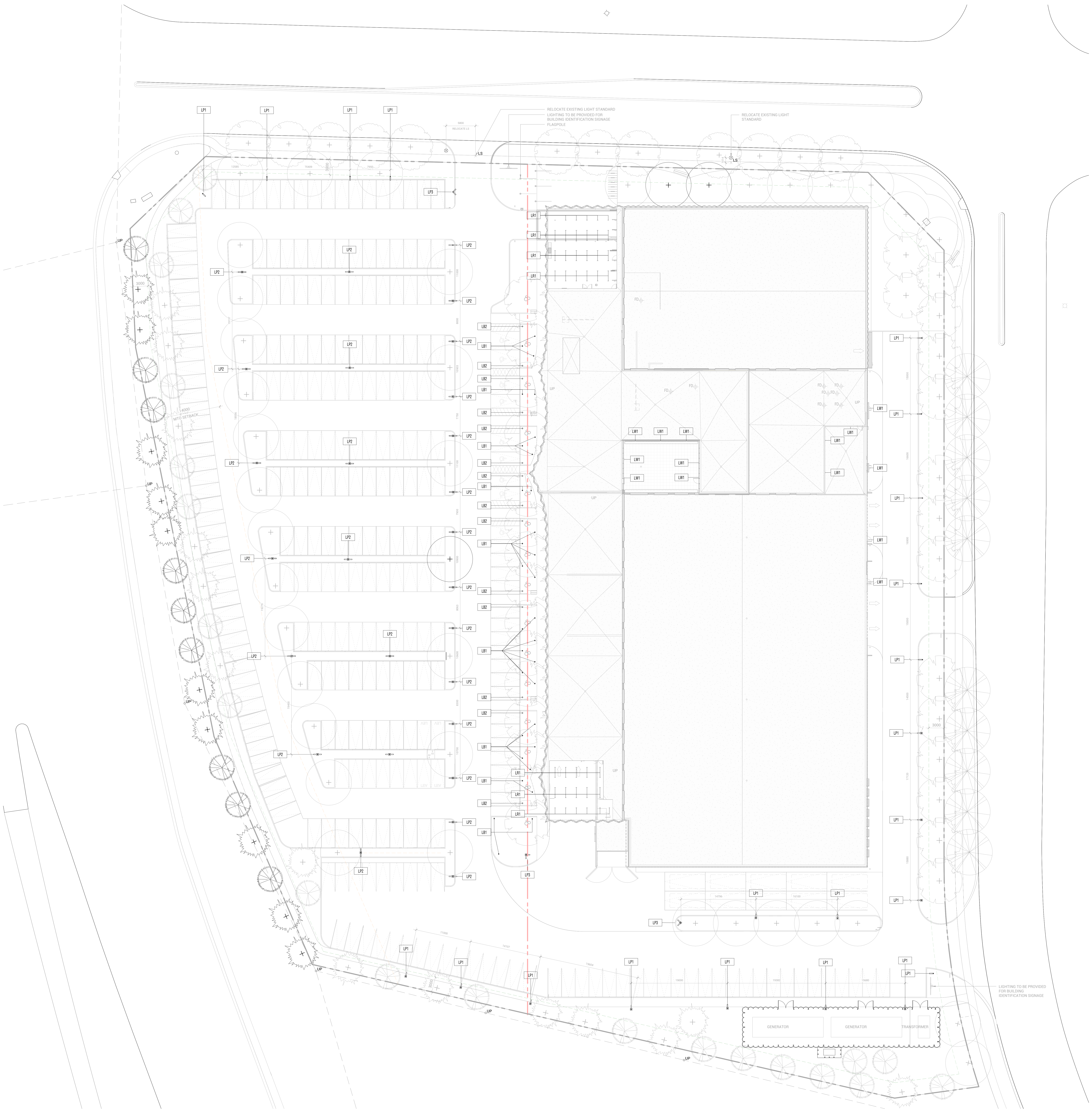
This Drawing is Not to be Used for Construction Until Signed by the Architect.

HRPS HQ + REOC
SP.1530.019
25003

Region Standard Hardscape/Fixture Details
1 : 1

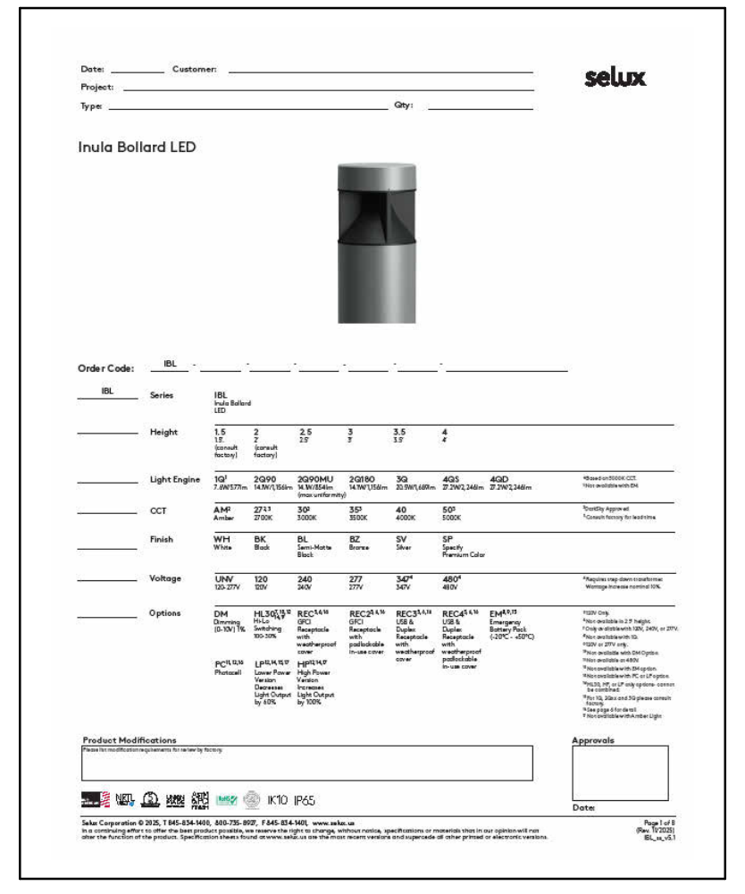
L411


RELOCATE EXISTING LIGHT STANDARD
LIGHTING TO BE PROVIDED FOR BUILDING IDENTIFICATION SIGNAGE
FLAGPOLE
5800
RELOCATE LS
LS
RELOCATE EXISTING LIGHT STANDARD
LS
1014
LP1
LP2
LP3
LB1
LB2
LR1
LW1
UP
MTO SETBACK
GENERATOR
GENERATOR
TRANSFORMER
LIGHTING TO BE PROVIDED FOR BUILDING IDENTIFICATION SIGNAGE

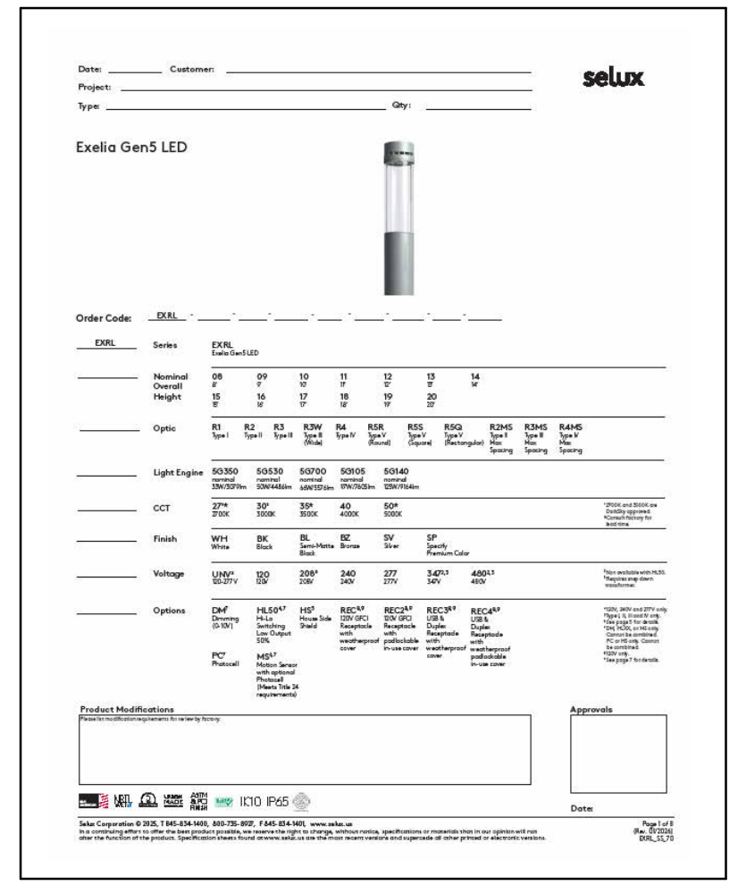
C:\Users\GH3WKS110\AppData\Local\Autodesk\Revit\Autodesk Revit 2026\CollaborationCache\TA86JGBMK85F\af85554f-6e11-44df-949d-b0c6a18dd045\2bee82aa-5cbb-4b40-96d5-91435f431769.rvt

2026-06-10 3:16:09 PM

LB1


selux

LB2


selux

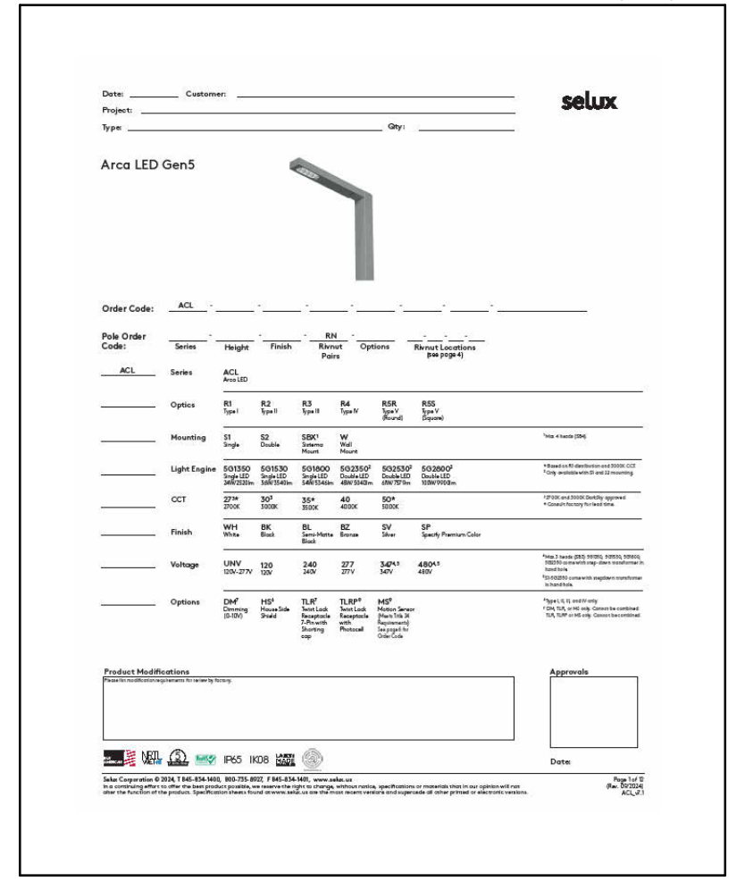
Product Modifications

Approvals

Date:

Selux Corporation © 2025, T 845-834-1400, 800-735-8927, F 845-834-1401, www.selux.us

LP1, LP2, LP3


selux

Product Modifications

Approvals

Date:

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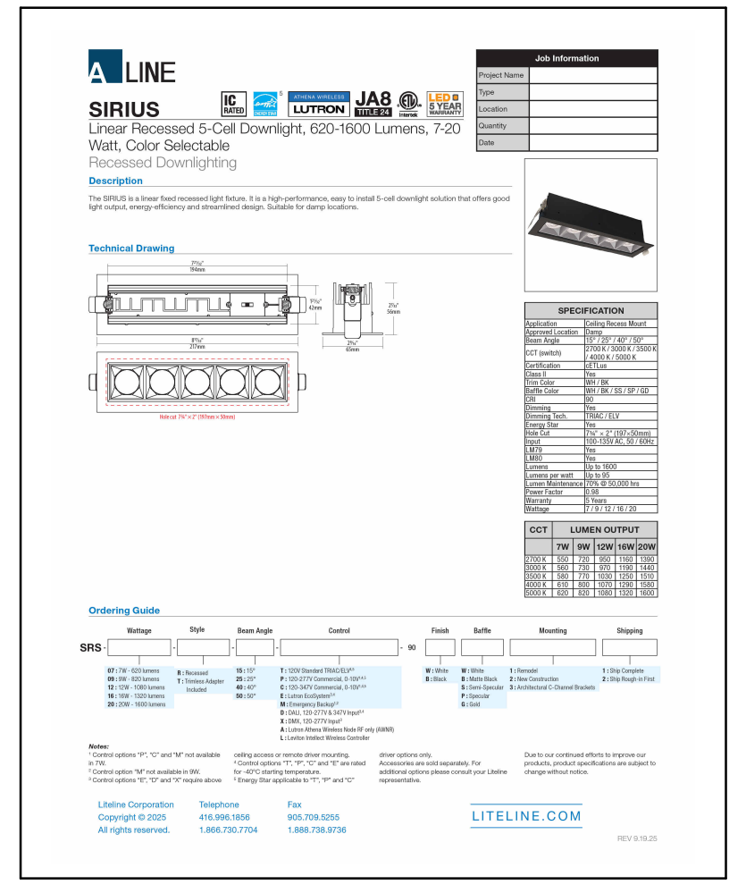
LR1


A LINE

SIRIUS

Linear Recessed 5-Cell Downlight, 620-1600 Lumens, 7-20 Watt, Color Selectable

Recessed Downlighting

Description

The SIRIUS is a linear fixed recessed light fixture. It is a high-performance, easy to install 5-cell downlight solution that offers good light output, energy-efficiency and streamlined design. Suitable for damp locations.

Technical Drawing

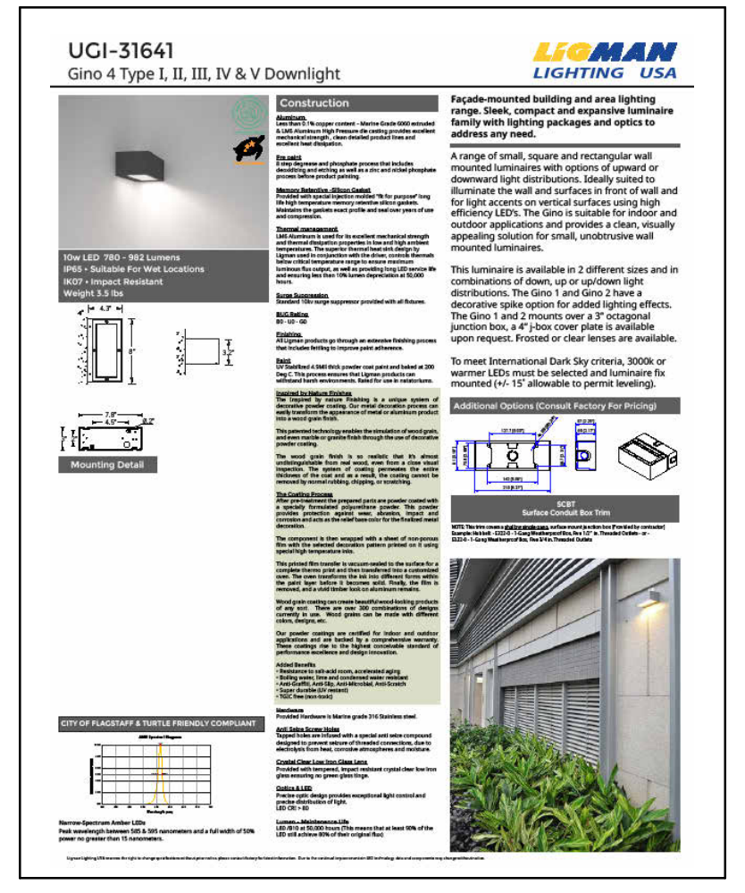
Job Information	
Project Name	
Type	
Location	
Quantity	
Date	

SPECIFICATION	
Application	Ceiling Recess Mount
Approved Location	Damp
Beam Angle	15° / 25° / 40° / 50°
CCT (switch)	2700 K / 3000 K / 3500 K / 4000 K / 5000 K
Certification	cETLus
Class II	Yes
Trim Color	WH / BK
Baffle Color	WH / BK / SS / SP / GD
CRI	90
Dimming	Yes
Dimming Tech.	TRIAC / ELV
Energy Star	Yes
Hole Cut	7¾" × 2" (197×50mm)
Input	100-135V AC, 50 / 60Hz
LM79	Yes
LM80	Yes
Lumens	Up to 1600
Lumens per watt	Up to 95
Lumen Maintenance	70% @ 50,000 hrs
Power Factor	0.98
Warranty	5 Years
Wattage	7 / 9 / 12 / 16 / 20

CCT	LUMEN OUTPUT				
	7W	9W	12W	16W	20W
2700 K	550	720	950	1160	1390
3000 K	560	730	970	1190	1440
3500 K	580	770	1030	1250	1510
4000 K	610	800	1070	1290	1580
5000 K	620	820	1080	1320	1600

Ordering Guide

LW1


UGI-31641

Gino 4 Type I, II, III, IV & V Downlight

LIGMAN LIGHTING USA

10w LED 780 - 982 Lumens
IP65 • Suitable For Wet Locations
IK07 • Impact Resistant
Weight 3.5 lbs

Construction

Façade-mounted building and area lighting range. Sleek, compact and expansive luminaire family with lighting packages and optics to address any need.

A range of small, square and rectangular wall mounted luminaires with options of upward or downward light distributions. Ideally suited to illuminate the wall and surfaces in front of wall and for light accents on vertical surfaces using high efficiency LED's. The Gino is suitable for indoor and outdoor applications and provides a clean, visually appealing solution for small, unobtrusive wall mounted luminaires.

This luminaire is available in 2 different sizes and in combinations of down, up or up/down light distributions. The Gino 1 and Gino 2 have a decorative spike option for added lighting effects. The Gino 1 and 2 mounts over a 3" octagonal junction box, a 4" j-box cover plate is available upon request. Frosted or clear lenses are available.

To meet International Dark Sky criteria, 3000k or warmer LEDs must be selected and luminaire fix mounted (+/- 15° allowable to permit leveling).

Mounting Detail

Additional Options (Consult Factory For Pricing)

SCBT Surface Conduit Box Trim

Halton REGION

diamond schmitt

gh3*

Elise Shelley
MEMBER

LIGHT FIXTURE SCHEDULE

Type Mark	TOTAL	Description
LB1	32	LED Bollard
LB2	14	Post Mount Light
LL1	997	Recessed Light
LP1	22	Pole Mounted Fixture
LP2	27	Pole Mounted Fixture
LP3	3	Pole Mounted Fixture
LR1	68	Recessed Light
LW1	14	Clear diffuser - Down

GENERAL NOTES:

- ALL EXTERIOR LIGHTING DEVICES SHALL BE FULL CUT-OFF TO DIRECT ILLUMINATION DOWNWARD, DARK SKY COMPLIANT TO REDUCE LIGHT POLLUTION AND SKYGLARE, AND SHALL BE MITIGATED AT THE SOURCE SO THAT NO LIGHT (0,0 FC) WILL BE DIRECTLY PROJECTED ONTO ADJACENT PROPERTIES.
- ANY ROOFTOP ARCHITECTURAL ILLUMINATION SHALL BE DIRECTED DOWNWARD AND TURNED OFF BETWEEN 11PM AND 6AM

LEGEND

Landscape Plan Symbols

—	PROPERTY LINE
—	ZONING BOUNDARY
- - -	MTO SETBACK
- - -	LANDSCAPE SETBACK
▲	MAIN ENTRANCE
▲	PEDESTRIAN ENTRY/ EXIT
⇨	VEHICULAR ENTRY/ EXIT
○	SECURITY BOLLARD
○LS	EXISTING LIGHT STANDARD
⊕	NEW LIGHT STANDARD
○	BOLLARD LIGHTING
○UP	UTILITY POLE
▭	EV CHARGER
Y	SIAMESE CONNECTION
▨	TACTILE WARNING STRIP
⊗	UTILITY COVERS

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SP.1530.019
25003

Lighting Plan
As indicated

L501