

OTTAWA PUBLIC LIBRARY & ARCHIVES CANADA

ISSUED FOR SPA - LANDSCAPE ARCHITECTURE

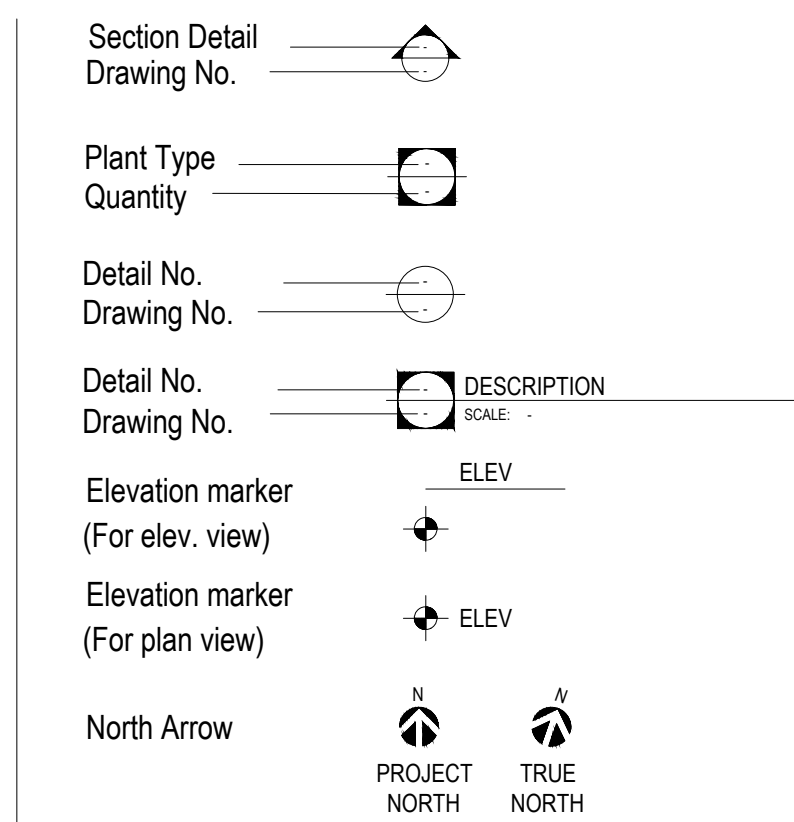
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- L9.05B - DETAILS - ALBERT STREET ENTRY BERM
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LANDSCAPE ARCHITECTURAL ABBREVIATIONS

AD	Area Drain	NIC	Not in Contract
ALT	Alternate	NO	Number
ALUM	Aluminum	NTS	Not to Scale
ARCH	Architect/ Architectural	OC	On Center
AVG	Average	OD	Outside Diameter/Dimension
B	Bottom	PC	Point of Curvature
BLDG	Building	PERP	Perpendicular
BOL	Bollard	PI	Point of Intersection
BS	Bottom of Step/ Stair Elevation	PL	Property Line
BTW	Between	PLNT	Plant/ Planting
BW	Bottom of Wall Elevation	PO	Point of Origin
CB	Catch Basin	PP	Pedestrian Pole
CIV	Civil	PIP	Four-in-Place
CJ	Control Joint	PSI	Pounds per Square Inch
COJ	Construction Joint	PT	Point of Tangency
COMP	Compacted	QTY	Quantity
CONC	Concrete	R	Riser
DEG	Degree	RA	Radius
DET	Detail	REBAR	Reinforcing Bar
DIA	Diameter	REQ	Required
DIM	Dimension	ROW	Right of Way
DN	Down	SB	Setback
DWG	Drawing	SHT	Sheet
EJ	Expansion Joint	SPEC	Specifications
ENG	Engineer/ Engineering	SECT	Section
EQ	Equal	SO	Square
EX	Existing	SS	Stainless Steel
FC	Flush Curb	STA PT	Station Point
FDN	Foundation	STD	Standard
FG	Finish Grade	STL	Steel
FIN	Finish	STR/STRUC	Structure/ Structural
FTG	Footing	T	Top
GALV	Galvanized	T+B	Top and Bottom
HEF	Horizontal Each Face	TAN	Tangency
HP	High Point	TC	Top of Curb Elevation
HT	Height	TD	Trench Drain
ID	Inside Diameter/Dimension	TEMP	Temporary
INCL	Include/ Including	THK	Thick
JT	Joint	TOS	Top of Slab
LA	Landscape Architect	TPZ	Tree Protection Zone
LOW	Limit of Work	TS	Top of Step/ Stair Elevation
LT	Light	TW	Top of Wall Elevation
M	Meters/ Metres	TYP	Typical
MAX	Maximum	VERT	Vertical
MIN	Minimum	VEF	Vertical Each Face
MISC	Miscellaneous	w	with
		w/o	without

LANDSCAPE ARCHITECTURAL SYMBOLS



GENERAL NOTES:

- 1) Existing survey information is based on the following drawings:
 - a) dwg: Context Topography.dwg
 - frm: DSAI
 - date: 27.03.2019
- 2) Prior to commencement of construction, the contractor must make careful examination of existing site surface conditions and topography and advise the Landscape Architect of any unsatisfactory site surface conditions and topography. No allowances will be made later for any expenses incurred through failure to note unsatisfactory existing site surface conditions and topography.
- 3) Do not scale drawings. Use dimensional info as noted on drawing. Contact the Landscape Architect immediately if there is any ambiguity, lack of information or inconsistency. Disregard of this note and extra costs incurred will not be accepted.
- 4) The Contractor will clean and reinstate all areas damaged or affected by works outside the limit of work to the conditions that existed prior to construction or better and to the satisfaction of the Landscape Architect.
- 5) The Contractor shall verify dimensions shown on drawings and notify the Landscape Architect of any discrepancies or inconsistencies prior to construction.
- 6) The Contractor shall be responsible for establishing the property line for the purpose of review and approval by Ottawa Library and Archives prior to commencement of construction.
- 7) Contractor shall be responsible for verifying all underground utilities and taking the necessary precautions prior to and during construction. For comprehensive utilities/servicing plan, refer to civil drawings.
- 8) All lines and dimensions are parallel or perpendicular to the lines from which they are measured/ referenced unless noted otherwise. Contractor to provide a staked-out location on site for review and approval by Landscape Architect prior to any excavation or installation. Verify all dimensions on site.
- 9) All curves transitions shall be sinuous and shall not transition abruptly. On site adjustments may be necessary to achieve smooth transitions between the curve data provided on the drawings. Curves shall be laid out and confirmed by the Landscape Architect prior to installation.

ISSUED

No.	Date	Description
1	2019-07-10	ISSUED FOR SD COSTING
2	2019-08-30	ISSUED FOR SD COSTING
3	2020-01-06	ISSUED FOR DO COSTING
4	2020-03-30	ISSUED FOR 100% DO
5	2020-05-28	ISSUED FOR 80% DO COSTING
6	2020-06-05	ISSUED FOR SITE PLAN CONTROL REV 0
7	2020-09-29	ISSUED FOR 60% DO COSTING
8	2020-11-17	ISSUED FOR SITE PLAN CONTROL REV 1
9	2021-01-18	ISSUED FOR 90% DO COSTING
10	2021-02-26	ISSUED FOR COORDINATION
11	2021-03-15	ISSUED FOR SITE PLAN CONTROL REV 2
12	2021-03-19	ISSUED FOR BP COORDINATION
13	2021-03-24	ISSUED FOR BUILDING PERMIT
14	2021-04-09	ISSUED FOR CONSULTANT COORDINATION
15	2021-05-11	ISSUED FOR TENDER
16	2021-05-11	ISSUED FOR BUILDING PERMIT UPDATE
17	2021-08-20	ISSUED FOR SITE PLAN AGREEMENT

Diamond Schmitt Architects
 184 Adelaide Street West, Suite 100, Toronto, Canada M5V 1R7
 Tel: 416 542 8500 Fax: 416 542 5500 info@dsai.ca www.dsai.ca

PFS STUDIO
 1177 Ave. du Parc, Suite 200, Montreal, QC H3B 2Y7
 Tel: 514 392 4400 Fax: 514 392 4401 info@pfs.ca www.pfs.ca

PLANNING • DESIGN • LANDSCAPE ARCHITECTURE



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LANDSCAPE SITE PLAN
 AND GENERAL NOTES

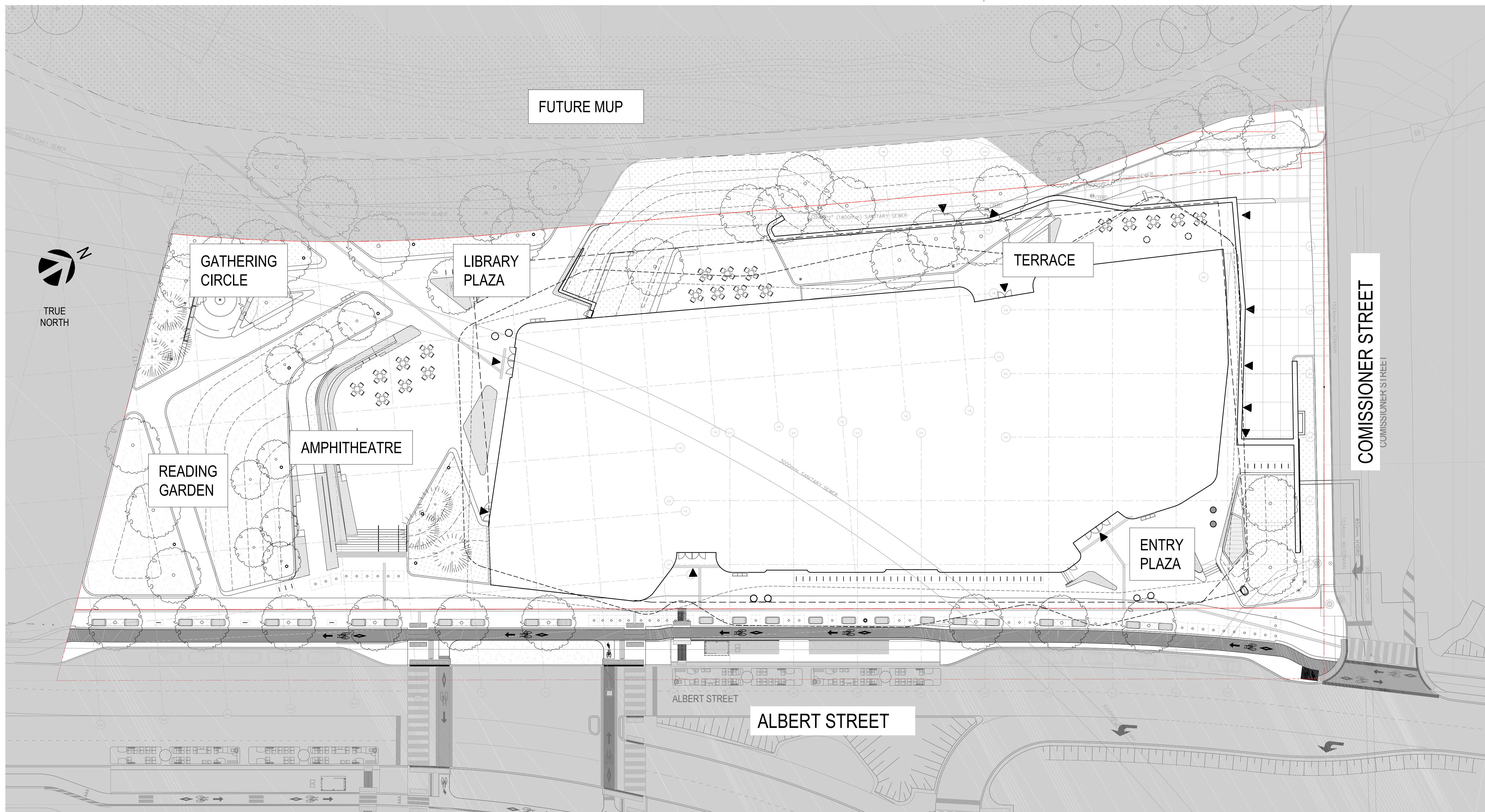
Scale:
 Project No: 19004
 Date: -

L0.01 DWG #1817

Douglas James

DOUGLAS JAMES, MCIP, RPP
 MANAGER, DEVELOPMENT REVIEW - CENTRAL
 PLANNING, INFRASTRUCTURE & ECONOMIC
 DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED
 By Douglas James at 11:38 am, Oct 28, 2021



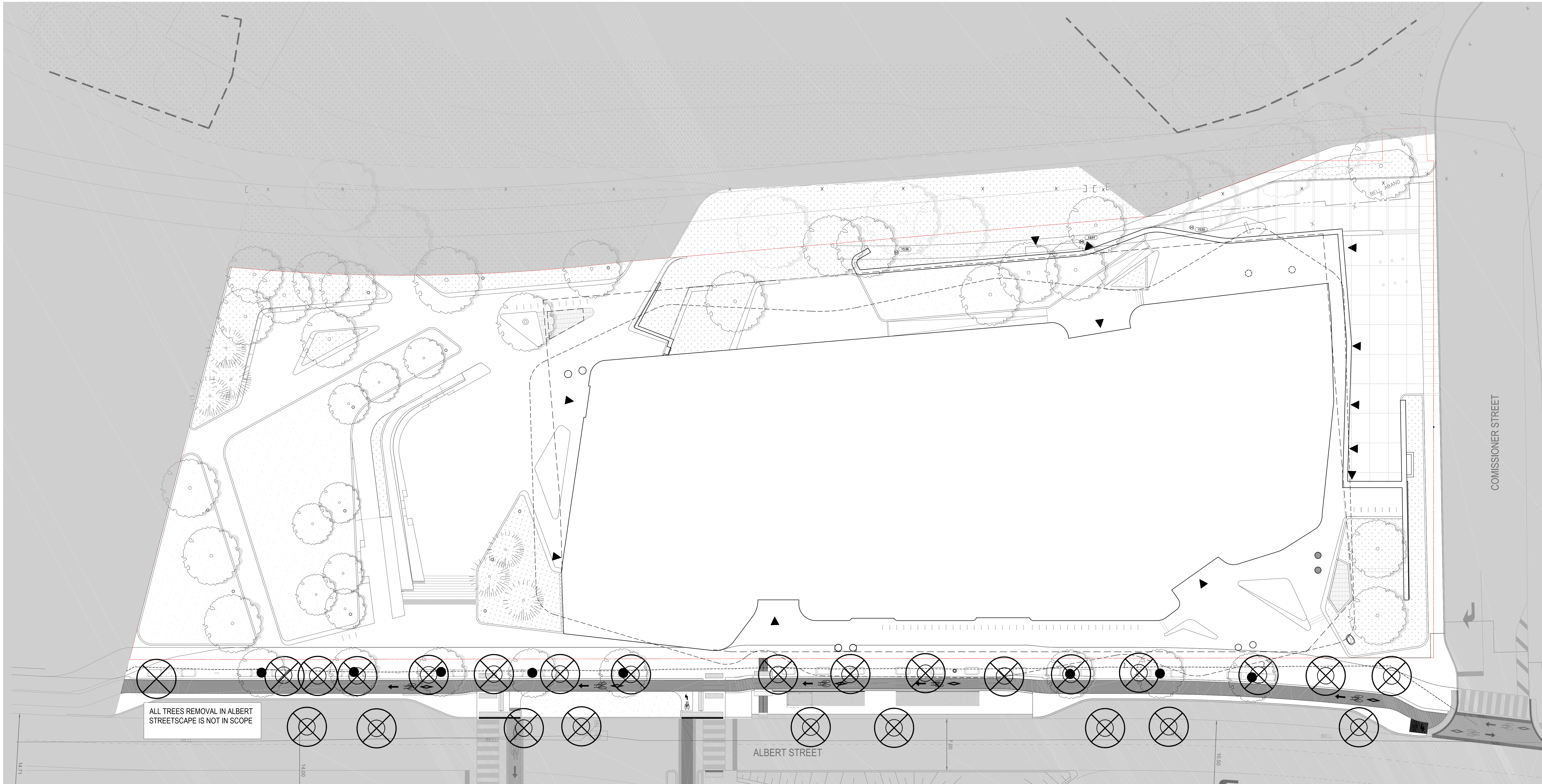
1 KEY PLAN
 SCALE: 1:300

DJ
 DOUGLAS JAMES, MCIP, RPP
 MANAGER, DEVELOPMENT REVIEW - CENTRAL
 PLANNING, INFRASTRUCTURE & ECONOMIC
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5	2020-05-28	ISSUED FOR 20% CD COSTING
6	2020-06-03	ISSUED FOR SITE PLAN CONTROL REV
7	2020-09-29	ISSUED FOR 60% CD COSTING
8	2020-11-17	ISSUED FOR SITE PLAN CONTROL REV
9	2021-01-18	ISSUED FOR 80% CD COSTING
10	2021-02-26	ISSUED FOR COORDINATION
11	2021-03-15	ISSUED FOR SITE PLAN CONTROL REV
12	2021-03-19	ISSUED FOR 80% COORDINATION
13	2021-03-24	ISSUED FOR BUILDING PERMIT
14	2021-04-09	ISSUED FOR CONSULTANT COORDINATION
15	2021-05-11	ISSUED FOR TENDER
16	2021-05-11	ISSUED FOR BUILDING PERMIT UPDATE
17	2021-06-20	ISSUED FOR SITE PLAN AGREEMENT
03	2021-06-18	ADDENDUM 03



1 TREE MANAGEMENT PLAN
 SCALE: 1:200

- TREE MANAGEMENT LEGEND:**
- EXISTING STREET TREES TO BE REMOVED FOR ALBERT/SLATER PROJECT (26) - NOT IN SCOPE
 - NEW STREET TREES (8)
 - NEW PROJECT TREES (41)
 - QLT R.O.W. TREES (9)
 - TREE PROTECTION FENCING

- TREE MANAGEMENT NOTES:**
- REFER TO L0.01 FOR GENERAL NOTES
 - NO STORAGE OF BUILDING / CONSTRUCTION MATERIAL SHALL BE WITHIN OR AGAINST PROTECTION TREE PROTECTION BARRIERS.
 - PROTECTION FENCE IS NOT BE LIFTED OR REMOVED AT ANY TIME FOR VEHICULAR ACCESS.
 - ANY PRUNING OF BRANCHES OR ROOTS MUST BE DONE BY A PROFESSIONAL ARBORIST
 - REMOVAL ALL EXISTING STUMPS AS PER THE CITY OF OTTAWA REQUIREMENTS.
 - A COMPLETED PUBLIC TREE & STUMP REMOVAL APPLICATION WILL BE IMMEDIATELY SUBMITTED TO URBAN FORESTRY FOR INVOICING OF UNAUTHORIZED PUBLIC TREE REMOVALS
 - ALL TREES OUT SIDE THE LIMIT OF WORK LINE (L.O.W) TO BE PROTECTED, EXCEPT WHERE INDICATED.
 - ALL DAMAGED AREAS AROUND TREE PROTECTION ZONE TO BE TOP DRESSED AND SEEDED. REFER TO CITY OF OTTAWA STANDARD SPECIFICATIONS.
 - URBAN FORESTRY TECHNICIAN SHALL BE GIVEN MINIMUM TWO DAYS NOTICE THROUGH 311 IF CLEARANCE PRUNING OR ADDITIONAL PUBLIC TREE REMOVALS ARE REQUIRED.
 - WATER ALL PUBLIC TREES WITHIN 6M OF GROUND DISTURBANCE ONCE PER WEEK IN SUMMER MONTHS.
 - ALL TREES INDICATED TO REMAIN OR TO BE PROTECTED SHALL BE PROTECTED AS PER CITY OF OTTAWA TREE PROTECTION BYLAW (BYLAW NUMBER 23M2002).
 - TREE PRUNING - SHRUB PRUNING REFER TO OTTAWA PARKS DEVELOPMENT GUIDELINES AND STANDARD SPECIFICATIONS FOR LANDSCAPE CONSTRUCTION, CURRENT EDITION.

Diamond Schmitt Architects
 384 Adelaide Street West, Suite 100, Toronto, Canada
 Tel: 416 862 8800 Fax: 416 862 3508 info@dsaa.ca w
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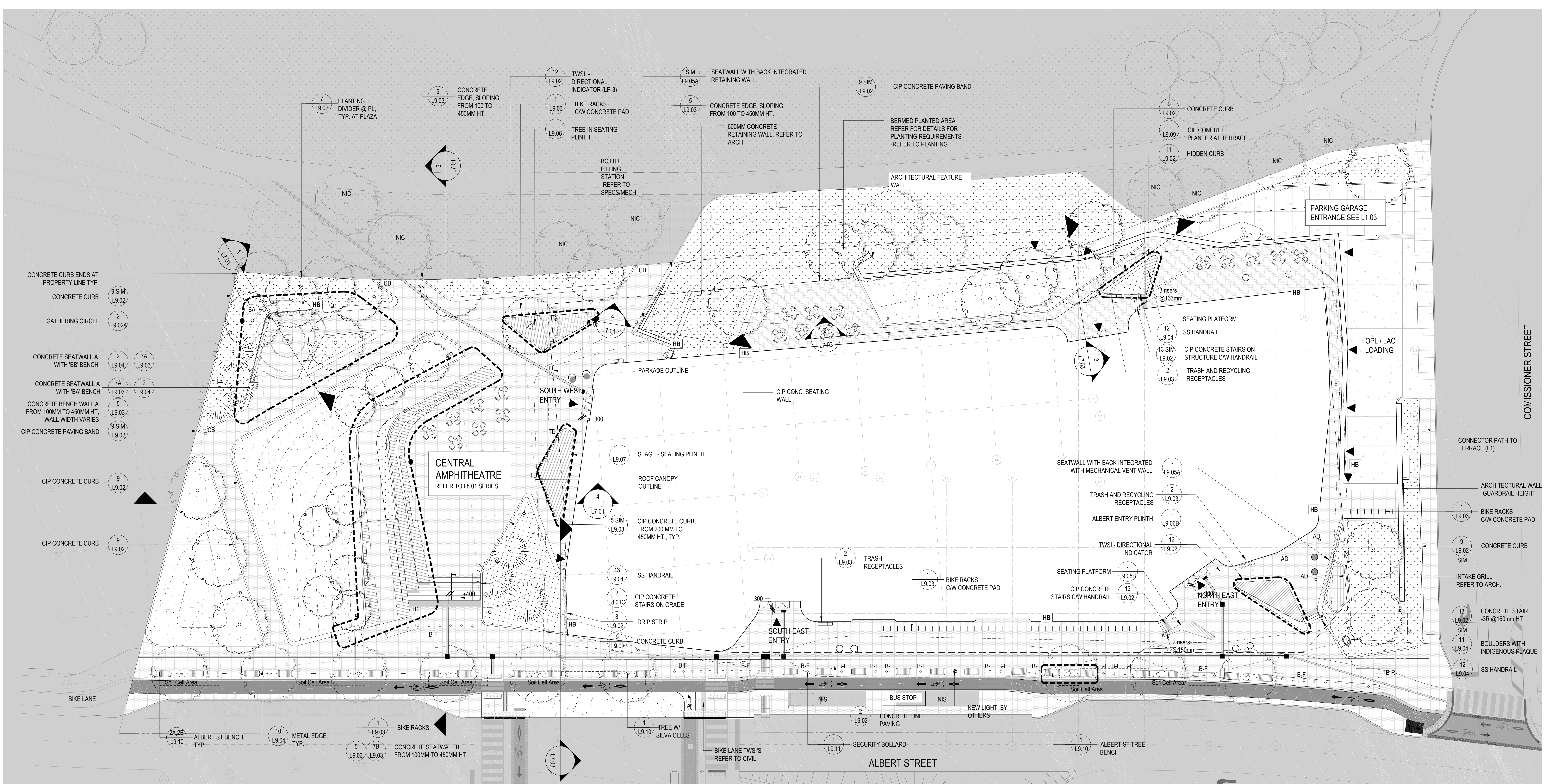
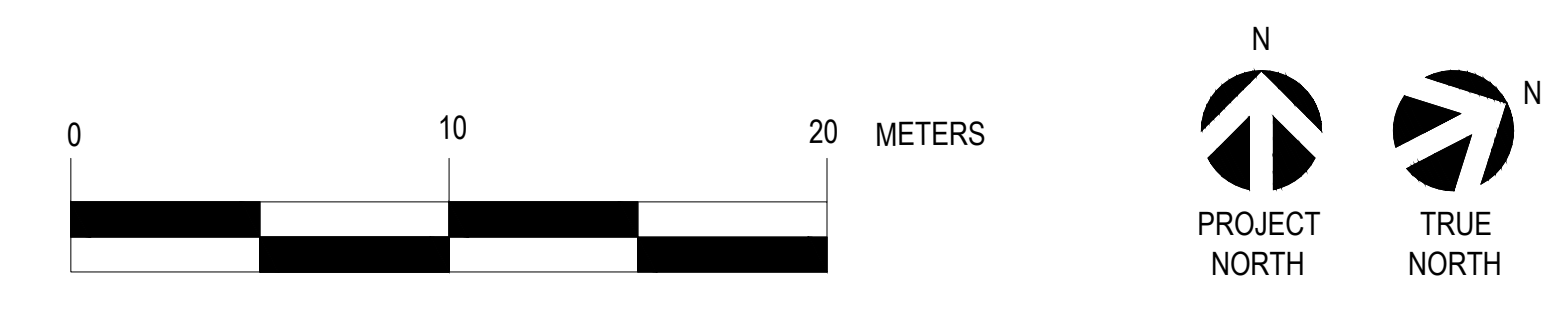
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TREE MANAGEMENT PLAN

Scale: 1:200
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 DOUGLAS JAMES, MCIP, RPP
 MANAGER, DEVELOPMENT REVIEW - CENTRAL
 PLANNING, INFRASTRUCTURE & ECONOMIC
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5	2020-05-29	ISSUED FOR 90% CD COSTING
6	2020-06-05	ISSUED FOR SITE PLAN CONTROL, RE
7	2020-09-29	ISSUED FOR 90% CD COSTING
8	2020-11-17	ISSUED FOR SITE PLAN CONTROL, RE
9	2021-01-18	ISSUED FOR 90% CD COSTING
10	2021-02-26	ISSUED FOR COORDINATION
11	2021-03-15	ISSUED FOR SITE PLAN CONTROL, RE
12	2021-03-19	ISSUED FOR BP COORDINATION
13	2021-03-24	ISSUED FOR BUILDING PERMIT
14	2021-04-09	ISSUED FOR CONSULTANT COORDIN.
15	2021-05-11	ISSUED FOR TENDER
16	2021-05-11	ISSUED FOR BUILDING PERMIT UPD.
17	2021-08-20	ISSUED FOR SITE PLAN AGREEMENT
04	2021-09-23	ADDENDUM 04
10	2021-07-14	ADDENDUM 10
12	2021-07-21	ADDENDUM 12
14	2021-07-28	ADDENDUM 14
17	2021-08-18	ADDENDUM 17

1 LANDSCAPE MATERIALS PLAN - GROUND LEVEL
 SCALE: 1:200

LEGEND

<p>PROPERTY LINE</p> <p>OUTSIDE PROJECT SCOPE</p> <p>UNDERGROUND SLAB</p> <p>BUILDING OVERHANG</p> <p>BUILDING ENTRY</p>	<p>PAVING:</p> <p>CONCRETE UNIT PAVING (LP-1 and LP-2) SEE L1.02</p> <p>CIP CONCRETE PAVING - PEDESTRIAN DETAIL x / L9.01</p> <p>CIP CONCRETE PAVING - VEHICULAR REFER TO CIVIL</p> <p>WOOD DECKING VARIES DETAILS</p> <p>TACTILE WARNING DETAIL x / L9.02</p> <p>DIRECTIONAL TWSI (LP-3) DETAIL x / L9.02</p>	<p>CONCRETE STRUCTURES:</p> <p>CIP CONCRETE SEAT WALL WITH IPE BENCH TOP CONDITIONS VARY L9.02</p> <p>CIP CONCRETE SEAT WALL CONDITIONS VARY L9.02</p> <p>CIP CONCRETE CURB 9/L9.02</p> <p>ALBERT STREET TREE BENCH: CIP CONCRETE SEAT WALL WITH IPE BENCH TOP. DETAIL 1/L9.10</p> <p>ALBERT STREET TYP. BENCH: CIP CONCRETE SEAT WALL WITH IPE BENCH TOP. DETAIL 2A,2B/L9.10</p>	<p>SITE FURNISHINGS:</p> <p>BOLLARD, REMOVEABLE DETAIL L9.11</p> <p>BOLLARDS, FIXED DETAIL L9.11</p> <p>COLUMN PEDESTRIAN LIGHTS DETAIL 3/L9.03</p> <p>BIKE RACKS (60 RACKS / 120 STALLS) DETAIL 1/L9.03</p> <p>MOVABLE CHAIRS & TABLES REFER TO SPECIFICATIONS</p> <p>TRASH AND RECYCLING RECEPTACLES DETAIL 2/L9.03</p> <p>BENCH TYPE A WOOD BENCH TOP WITH BACK AND ARM RESTS: 3/L9.04</p> <p>BENCH TYPE B WOOD BENCH TOP BENCH: 1,2/L9.04</p>	<p>PLANTING:</p> <p>EXISTING TREE</p> <p>SITE AND STREET TREE L9.01, L9.01, L9.10</p> <p>OFFSITE TREE (N.I.S.)</p> <p>PLANTING L9.02, L9.01</p> <p>EVENT POWER REFER TO ELEC.</p> <p>GFRG RECEPTACLES REFER TO ELEC.</p>	<p>DRAINAGE:</p> <p>CATCH BASIN REFER TO CIVIL</p> <p>CATCH BASIN REFER TO MECH</p> <p>TRENCH DRAIN DETAIL 4 / L9.03</p> <p>SLAB DRAIN (UNDER PAVERS) REFER TO ARCH.</p> <p>PLANTER DRAIN C/W INSPECTION CHAMBER -REFER TO MECH.</p> <p>HOSE BIB -REFER TO MECH.</p> <p>BOTTLE FILLING STATION -REFER TO SPEC AND CIVIL</p>
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GENERAL NOTES:

- LAYOUT AND MATERIALS DRAWINGS ARE TO BE READ IN CONJUNCTION WITH LANDSCAPE SPECIFICATIONS FOR COMPLIANCE.
- LANDSCAPE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL AND ENGINEERING DRAWINGS. REPORT ANY DISCREPANCIES TO THE CONSULTANT FOR REVIEW AND RESPONSE.
- REFER TO LIGHTING LAYOUT DRAWINGS FOR FIXTURE LOCATIONS. REFER TO ELECTRICAL FOR SYSTEM AND SPECIFICATIONS.
- REFERENCE CIVIL ENGINEERS DRAWINGS FOR LAYOUT OF ROAD CURBS AND GUTTERS AND PEDESTRIAN LET-DOWNS. ALBERT STREET GRADING COORDINATION BY CIVIL. ALL SITE DRAINAGE TO BE PICKED UP BY CIVIL.
- REFER TO LANDSCAPE DETAILS AND SECTIONS FOR ALL LANDSCAPE IMPROVEMENTS.
- ALL DIMENSIONS ARE NOMINAL.
- VERIFY ALL MEASUREMENTS ON SITE. PROVIDE AS-BUILT SHOP DRAWINGS FOR DETAILED COORDINATION WITH ARCH OR STRUCTURAL.
- ALL WOOD TO BE IPE, UNLESS OTHERWISE APPROVED HARDWOOD OR THERMALLY TREATED WOOD. MUST HAVE TACTILE SURFACE.
- OFFSITE STREETScape IS N.I.S. LANDSCAPE IMPROVEMENTS TO BE TO BE COORDINATED WITH CITY OF OTTAWA / ALBERT-SLATER STREET PROJECT.
- OFFSITE BOLLARDS ARE PART OF PROJECT SECURITY, AND MUST BE PROVIDED AS PART OF ALBERT-SLATER PROJECT.
- REFER TO STRUCTURAL FOR ALL REINFORCING OF LANDSCAPE CONCRETE STRUCTURES.
- PROVIDE STUBOUTS (MECH) FOR IRRIGATIONS AT ALL PLANTING AREAS. ALL NEW PLANTING TO BE IRRIGATED.

Diamond Schmitt Architect
 384 Adelaide Street West, Suite 105, Toronto, Ont.
 Tel: 416 862 8800 Fax: 416 862 5508 info@dsac.ca

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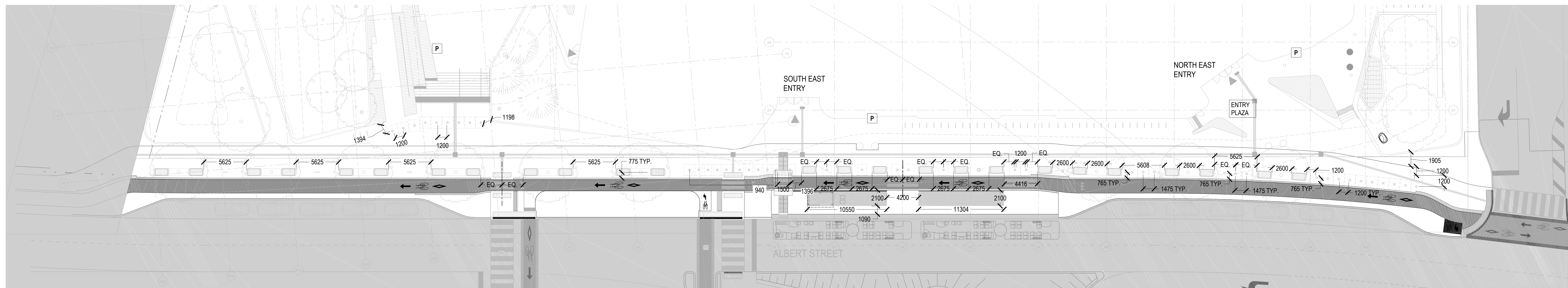
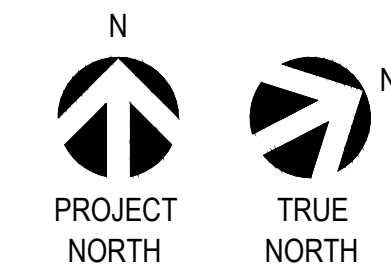
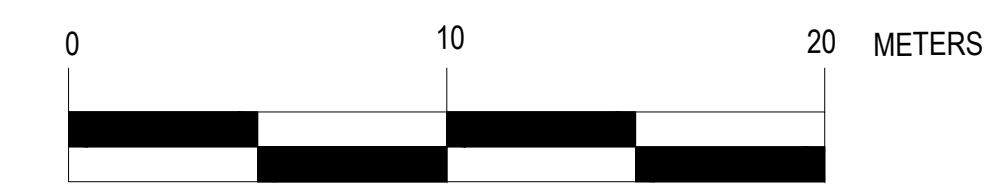
MATERIALS PLAN

Scale: 1/200
 Project No: 19004
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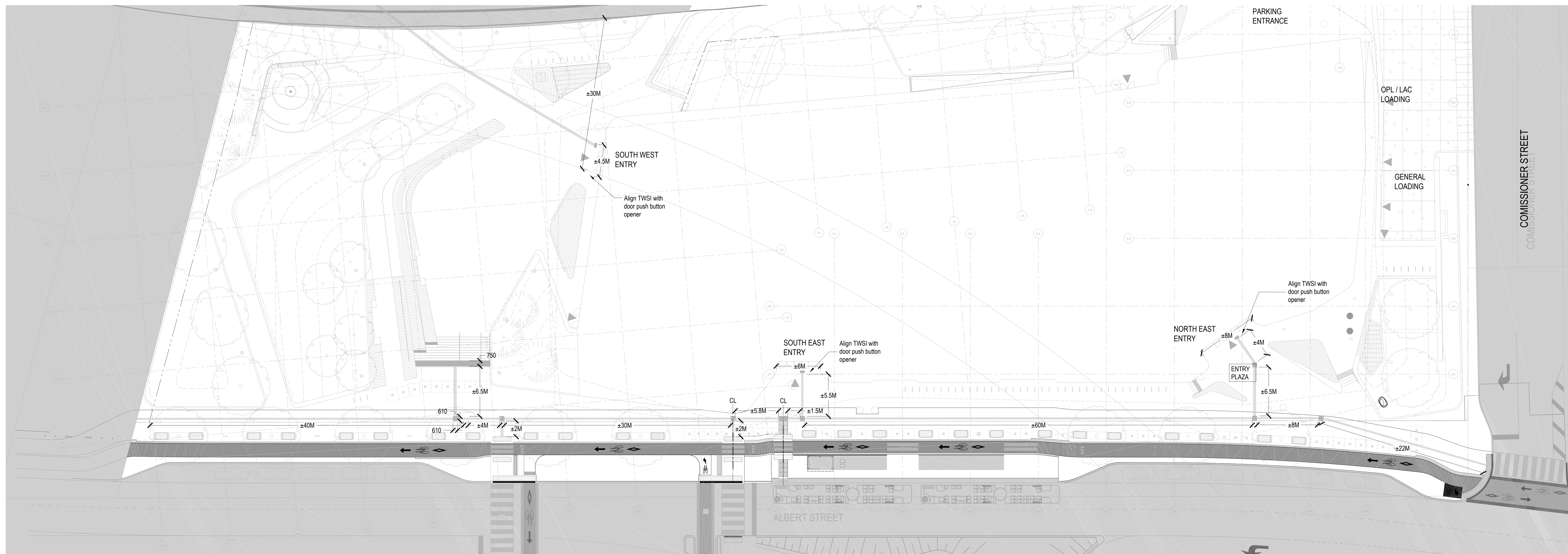
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DOUGLAS JAMES, MCIP, RPP
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1 LANDSCAPE LAYOUT PLAN - ALBERT ST
 SCALE: 1:200



1 LANDSCAPE TWSI LAYOUT PLAN - ALBERT ST
 SCALE: 1:200

DO NOT SCALE DRAWINGS
 ALL DIMENSIONS, SPECIFICATIONS AND RELATED DOCUMENTS ARE THE PROPERTY OF THE ARCHITECT AND SHOULD BE REFERENCED TO THE ORIGINAL DRAWINGS AND RELATED DOCUMENTS IN PART OR IN WHOLE OR FOR ANY PART THEREOF.
 PERMISSION OF THE ARCHITECT
 THE DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNLESS ISSUED BY THE ARCHITECT

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6	2020-06-05	ISSUED FOR SITE PLAN CONTROL
7	2020-09-29	ISSUED FOR 60% CD COSTING
8	2020-11-17	ISSUED FOR SITE PLAN CONTROL
9	2021-01-18	ISSUED FOR 90% CD COSTING
10	2021-02-26	ISSUED FOR COORDINATION
11	2021-03-15	ISSUED FOR SITE PLAN CONTROL
12	2021-03-19	ISSUED FOR IP COORDINATION
13	2021-03-24	ISSUED FOR BUILDING PERMIT
14	2021-04-09	ISSUED FOR CONSULTANT COORD
15	2021-05-11	ISSUED FOR TENDER
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04	2021-08-23	ADDENDUM 04

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LAYOUT PLAN
 ALBERT ST

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L2.02A

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5	2020-05-28	ISSUED FOR 30% SOI COSTING
6	2020-06-05	ISSUED FOR SITE PLAN CONTROL 1
7	2020-09-29	ISSUED FOR 50% SOI COSTING
8	2020-11-17	ISSUED FOR SITE PLAN CONTROL
9	2021-01-18	ISSUED FOR 90% SOI COSTING
10	2021-02-26	ISSUED FOR COORDINATION
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 CANADA JOINT FACILITY

TREE PLANTING PLAN
 GROUND LEVEL

Scale: 1/200
 Project No: 19004
 Date: -

- ORNAMENTAL PLANTING
- SOODED LAWN, TO BE APPROVED BY CITY OF OTTAWA PARKS STANDARD 915 sqm NON-NETTED
- EVERGREEN TREE, MIN. 1.5 OFFSET CIRCLE
- DECIDUOUS TREE, MIN. 1.5 OFFSET CIRCLE

PLANTING NOTES:

- 1) REFER TO L0.01 FOR GENERAL NOTES.
- 2) ALL PLANT MATERIAL AND LANDSCAPE CONSTRUCTION TO CONFIRM TO THE CSLA LANDSCAPE STANDARDS.
- 3) PLANT MATERIAL SIZES SPECIFIED ARE THE MINIMUM ACCEPTABLE SIZES TO BE SUPPLIED TO THIS PROJECT.
- 4) ALL PLANT MATERIAL SHALL BE WELL-ESTABLISHED AND UNIFORM IN SHAPE AND SIZE.
- 5) PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL CONFIRM THE AVAILABILITY OF THE PLANT MATERIAL SPECIFIED AS PER SPECIFICATIONS, ALLOWING FOR ANY AND ALL REQUIRED APPROVALS. PLANT SUBSTITUTIONS NOT CONFIRMED AND APPROVED BY THE CONSULTANT WILL BE REJECTED.
- 6) THE CONTRACTOR SHALL PROVIDE A GROWING MEDIUM ANALYSIS FOR REVIEW BY THE CONSULTANT - AS PER SPECIFICATIONS - PRIOR TO THE START OF CONSTRUCTION. GROWING MEDIUM SUPPLIED TO THE SITE OR INSTALLED ON SITE PRIOR TO CONSULTANT APPROVAL SHALL BE REJECTED AT NO COST TO THE OWNER.
- 7) FINAL SPACING, QUANTITY AND TREE SPECIES TO THE SATISFACTION OF THE GENERAL MANAGER OF ENGINEERING SERVICES. NEW TREES MUST BE OF GOOD STANDARD, MINIMUM 8CM CALIPER, AND INSTALLED WITH APPROVED ROOT BARRIERS, TREE GUARDS AND APPROPRIATE SOIL. ALL PLANTING TO CONFORM TO THE ENGINEERING AND PARKS STANDARDS.
- 8) ENSURE ADEQUATE SUB-SURFACE DRAINAGE FOR PLANTING AREAS.
- 9) PROVIDE AN AUTOMATED IRRIGATION SYSTEM FOR ALL SOFT LANDSCAPING.
- 10) SEARCH AREA FOR ALL PLANT MATERIAL SHALL INCLUDE ALL OF CENTRAL / EASTERN NORTH AMERICA OR AS SPECIFIED.
- 11) IMPORTED SOIL TESTING & HANDLING/RECORD KEEPING MUST BE IN ACCORDANCE WITH CURRENT CITY OF OTTAWA REGULATIONS AND BEST MANAGEMENT PRACTICES. CONTACT CITY / CONSULTANT TO CONFIRM CURRENT SPECIFICATIONS AND PRACTICES

MASTER PLANT LIST

Onsite Deciduous Trees

Code	Qty	Species	Common Name	Caliper	Form	Notes
AL	8	Amelanchier laevis	Downy Serviceberry	60mm cal	B&B	Native / Drought Tolerant, Limb up to 1.5-1.8m (confirm)
AS	15	Acer saccharum	Sugar Maple	80mm cal	B&B	Native / Drought Tolerant, Limb up to 1.5-1.8m (confirm). Spring planting is preferred.
BP	18	Betula papyrifera	Paper Birch	60mm cal	B&B	Clump Form, 3 trunk Min. Native, Limb up to 1.5-1.8m (confirm). Spring planting only.

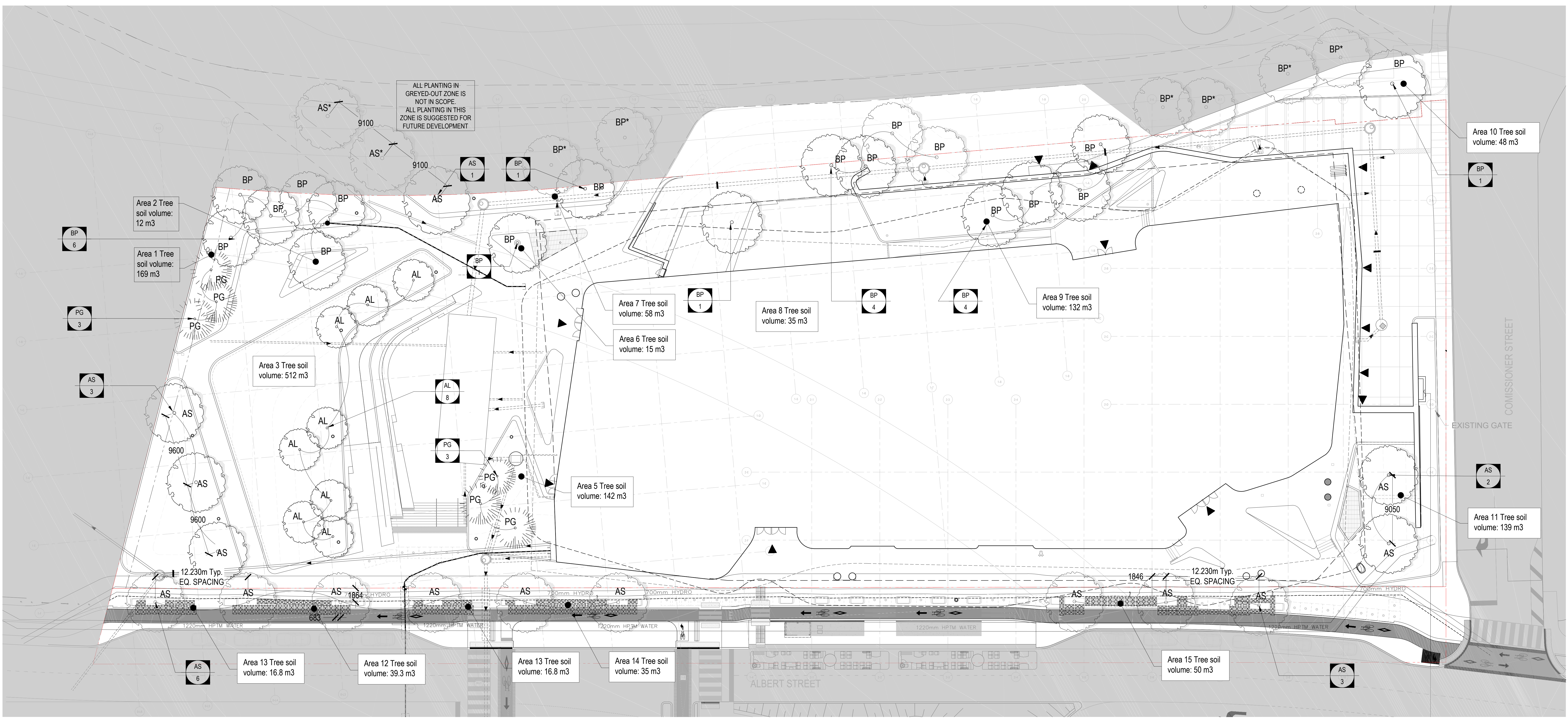
Onsite Coniferous Trees

Code	Qty	Species	Common Name	Height	Form	Notes
PG	6	Picea glauca	White Spruce	400cm ht	B&B	Native / Drought Tolerant

Offsite Trees (PROPOSED FOR FUTURE DEVELOPMENT - NOT IN PROJECT SCOPE)

Code	Qty	Species	Common Name	Caliper	Form	Notes
AS*	2	Acer saccharum	Sugar Maple	80mm cal	B&B	Native / Drought Tolerant, Limb up to 1.5-1.8m (confirm)
BP*	6	Betula papyrifera	Paper Birch	60mm cal	B&B	Clump Form, 3 trunk Min. Native, Limb up to 1.5-1.8m (confirm)

NOTE:
 1. FOR STREET PLANTING USE 'SOIL MIX B', REFER TO SPECIFICATIONS.



1 PLANTING PLAN - GROUND LEVEL
 SCALE: 1/200

- ORNAMENTAL PLANTING
- SODDED LAWN, TO BE APPROVED BY CITY OF OTTAWA PARKS STANDARD 915 sqm NON-NETTED
- EVERGREEN TREE MIN. 1.5 OFFSET CIRCLE
- DECIDUOUS TREE MIN. 1.5 OFFSET CIRCLE

PLANTING NOTES:

- REFER TO L0.01 FOR GENERAL NOTES.
- ALL PLANT MATERIAL AND LANDSCAPE CONSTRUCTION TO CONFIRM TO THE CSLA LANDSCAPE STANDARDS.
- PLANT MATERIAL SIZES SPECIFIED ARE THE MINIMUM ACCEPTABLE SIZES TO BE SUPPLIED TO THIS PROJECT.
- ALL PLANT MATERIAL SHALL BE WELL-ESTABLISHED AND UNIFORM IN SHAPE AND SIZE.
- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL CONFIRM THE AVAILABILITY OF THE PLANT MATERIAL SPECIFIED AS PER SPECIFICATIONS, ALLOWING FOR ANY AND ALL REQUIRED APPROVALS. PLANT SUBSTITUTIONS NOT CONFIRMED AND APPROVED BY THE CONSULTANT WILL BE REJECTED.
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MASTER PLANT LIST

PARK / PLEASURE GARDEN AREA

KEY	QTY	BOTANICAL NAME	COMMON NAME	SPACING	SIZE	DESCRIPTION/NOTES
Deciduous Shrubs						
Am	56	Aronia melanocarpa	Chokeberry	600mm o.c.	3 Gal. Pot	Native / Drought Tolerant
Csa	77	Cornus sericea 'Cardinal'	Cardinal Red Dogwood	1000mm o.c.	3 Gal. Pot	Native / Drought Tolerant
Hv	20	Hamelis virginiana	Witch Hazel	1200mm o.c.	5 Gal. Pot	Native / Drought Tolerant
Rag	326	Rhus aromatica 'Gro-Low'	Gro Low Fragrant Sumac	600mm o.c.	3 Gal. Pot	Native / Drought Tolerant
Rtt	38	Rhus typhina 'Balliger'	Tiger Eyes Slaghom Sumac	1200mm o.c.	5 Gal. Pot	Native / Drought Tolerant
Mp	25	Myrica pensylvanica	Bayberry	600mm o.c.	3 Gal. Pot	Native / Drought Tolerant
Pos	126	Physocarpus opulifolius 'Seward'	Summer Wine Ninebark	600mm o.c.	3 Gal. Pot	Native / Drought Tolerant
Coniferous Shrubs						
Jhp	91	Juniperus horizontalis 'Prince Of Wales'	Price of Wales Spreading Juniper	600mm o.c.	3 Gal. Pot	Native / Drought Tolerant
Pmm	42	Pinus mugo var. mugo	Dwarf Mugo Pine	600mm o.c.	3 Gal. Pot	Non-Native / Drought Tolerant
Tcn	174	Taxus cuspidata 'Nana'	Dwarf Japanese Yew	750mm o.c.	3 Gal. Pot	Non-Native / Drought Tolerant
Tol	22	Thuja occidentalis 'Little Giant'	Little Giant White Cedar	600mm o.c.	3 Gal. Pot	Native / Drought Tolerant
Perennials and Grasses						
alv	20	Artemisia ludoviciana	White Sagebrush	300mm o.c.	1 gal Pot	Native / Drought Tolerant
cp	667	Carex pensylvanica	Wood Sedge	300mm o.c.	1 gal Pot	Native / Drought Tolerant
dc	80	Deschampsia cespitosa	Tufted Hair Grass	300mm o.c.	1 gal Pot	Native / Drought Tolerant
ep	92	Echinacea pallida	Pale Coneflower	300mm o.c.	1 gal Pot	Native / Drought Tolerant
ey	40	Elyngium yuccifolium	Rattlesnake Master	600mm o.c.	1 gal Pot	Native / Drought Tolerant
ho	40	Hieracium odorata	Sweet Grass	450mm o.c.	1 gal Pot	Native / Drought Tolerant
mcm	328	Molinia caerulea 'Moorflame'	Moorflame Purple Moor Grass	300mm o.c.	1 gal Pot	Non-Native / Drought Tolerant
pv	54	Panicum virgatum 'Shanandoah'	Shanandoah Switch Grass	450mm o.c.	1 gal Pot	Native / Drought Tolerant
sh	1126	Sporobolus heterolepis	Prairie Dropseed	300mm o.c.	1 gal Pot	Native / Drought Tolerant

MEADOW AREA

KEY	QTY	BOTANICAL NAME	COMMON NAME	SPACING	SIZE	DESCRIPTION/NOTES
MIX B - Perennials and Grasses - 132 m sq (x 9m sq. = 1188 plants)						
at	100	Asclepias tuberosa	Butterfly Weed	450mm o.c.	1 gal Pot	Native / Drought Tolerant
ec	144	Elymus canadensis	Canada Wild Rye	450mm o.c.	1 gal Pot	Native / Drought Tolerant
ep	100	Echinacea pallida	Pale Coneflower	450mm o.c.	1 gal Pot	Native / Drought Tolerant
epu	100	Echinacea purpurea	Purple Coneflower	300mm o.c.	1 gal Pot	Native / Drought Tolerant
hp	144	Hystrix patula	Bottlebrush Grass	300mm o.c.	1 gal Pot	Native / Drought Tolerant
pv	200	Panicum virgatum 'Shanandoah'	Shanandoah Switch Grass	450mm o.c.	1 gal Pot	Native / Drought Tolerant
ss	200	Schizachyrium scoparium	Little Bluestem	450mm o.c.	1 gal Pot	Native / Drought Tolerant
se	100	Symphoricarpos ericoides	Heath Aster	300mm o.c.	1 gal Pot	Native / Drought Tolerant
sn	100	Symphoricarpos novae-angliae	New England Aster	300mm o.c.	1 gal Pot	Native / Drought Tolerant
Overseed						
Scientific Name / Common Name		% of Mix				
Elymus canadensis / Canada Wild Rye		50%				
Sporobolus heterolepis / Prairie Dropseed		10%				
Schizachyrium scoparium / Little Bluestem		20%				
Rudbeckia hirta / Black Eye Susan		5%				
Verbena hastata / Blue Vervain		5%				
Oenothera biennis / Evening Primrose		10%				
Total		100%				

KEY	QTY	BOTANICAL NAME	COMMON NAME	SPACING	SIZE	DESCRIPTION/NOTES
MIX C - Shaded Area Perennials and Grass - 30m sq (x 9m sq. = 270 plants)						
ac	30	Anemone canadensis	Canada Windflower	300mm o.c.	1 gal Pot	Native
aq	30	Aquilegia canadensis	Canada Columbine	300mm o.c.	1 gal Pot	Native / Drought Tolerant
cp	100	Carex pensylvanica	Wood Sedge	300mm o.c.	1 gal Pot	Native / Drought Tolerant
cpf	30	Carex plantaginea	Seasucker Sedge	300mm o.c.	1 gal Pot	Native
fv	30	Fragaria virginiana	Wild Strawberry	300mm o.c.	9cm Pot	Native / Drought Tolerant
hp	30	Hystrix patula	Bottlebrush Grass	300mm o.c.	1 gal Pot	Native / Drought Tolerant
sc	20	Symphoricarpos cordifolium	Heart Leaf Aster	300mm o.c.	1 gal Pot	Native / Drought Tolerant

MIX D - Upland Native Meadow Mix - 700m sq

Hydroseeding - Upland Native Meadow Mix by OSC Seeds

Common Name / Scientific Name	% of Mix
Black Eyed Susan / Rudbeckia hirta	10%
Heart Leaved / Aster cordifolius	1%
Canada Anemone / Anemone canadensis	1%
Canada Goldenrod / Solidago canadensis	2%
Common Milkweed / Asclepias syriaca	2%
Evening Primrose / Oenothera biennis	25%
Grass Leaved Goldenrod / Euthamia graminifolia	1%
Meadow Sedge / Carex granularis	15%
New England Aster / Aster novae-angliae	1%
Canada Wild Rye / Elymus canadensis	40%
Wild Bergamot / Monarda fistulosa	2%
Total	100%

These seed mixes should be applied at a rate of 22 - 25 kgha (21-23 lbs/acre) or at a rate of 250g/90m² (1/2lb/1000 sq. ft) for smaller areas

Nurse Crop The cover crop should be applied at rate of 22kgha (20lbs/acre) Common Oats / Avena sativa

Douglas James

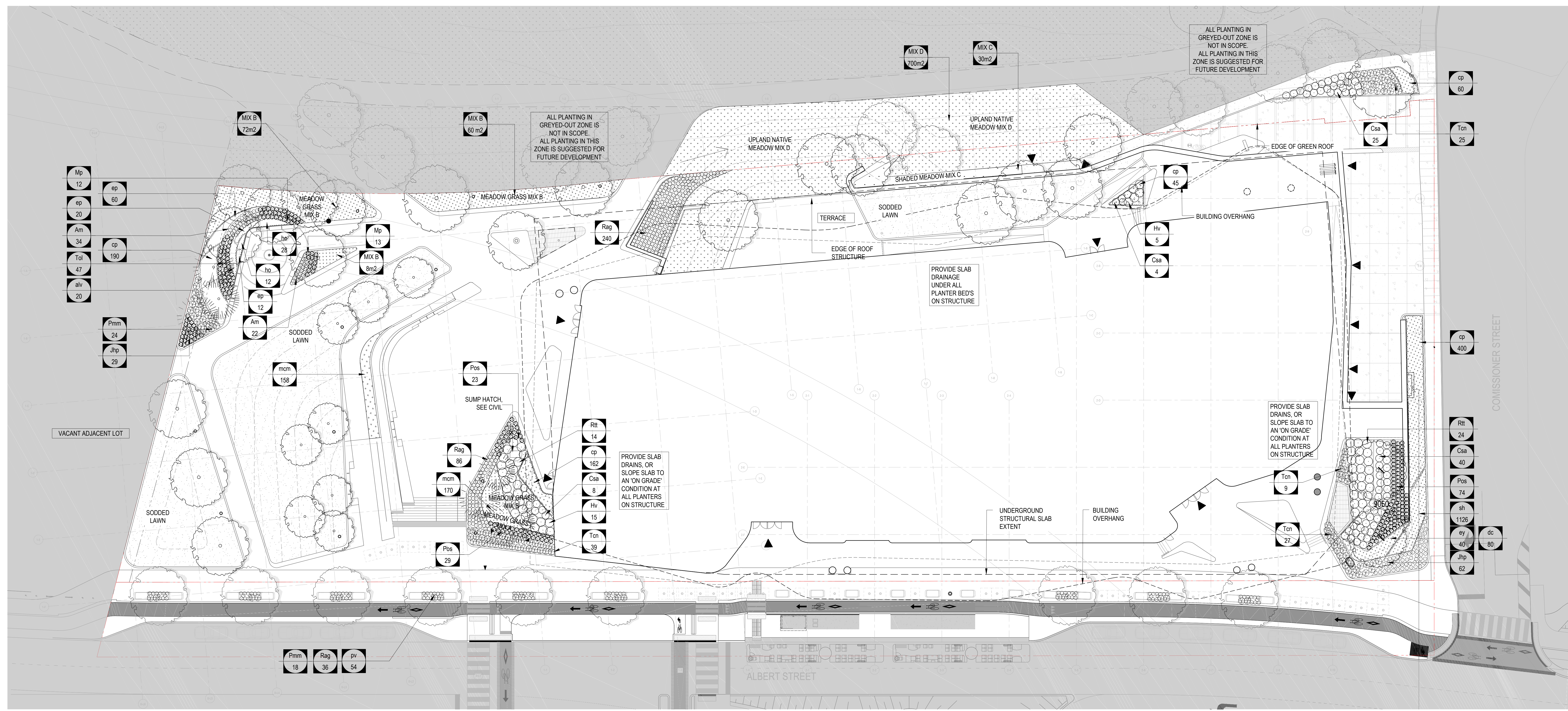
DOUGLAS JAMES, MCP, RPP
MANAGER, DEVELOPMENT REVIEW - CENTRAL PLANNING, INFRASTRUCTURE & ECONOMIC DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED
 By Douglas James at 11:38 am, Oct 28, 2021

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ISSUED

No.	Date	Description
1	2019-07-10	ISSUED FOR 5D COSTING
2	2019-08-30	ISSUED FOR 5D COSTING
3	2020-01-09	ISSUED FOR 5D COSTING
4	2020-03-30	ISSUED FOR 100% 0D
5	2020-05-28	ISSUED FOR 5D COSTING
6	2020-06-05	ISSUED FOR SITE PLAN CONTROL (R)
7	2020-09-29	ISSUED FOR 60% 0D COSTING
8	2020-11-17	ISSUED FOR SITE PLAN CONTROL (R)
9	2021-01-18	ISSUED FOR 90% 0D COSTING
10	2021-02-26	ISSUED FOR COORDINATION
11	2021-03-15	ISSUED FOR SITE PLAN CONTROL (R)
12	2021-03-19	ISSUED FOR 90% COORDINATION
13	2021-03-24	ISSUED FOR BUILDING PERMIT
14	2021-04-09	ISSUED FOR CONSULTANT COORDIN
15	2021-05-11	ISSUED FOR TENDER
16	2021-05-11	ISSUED FOR BUILDING PERMIT (LTD)
17	2021-06-20	ISSUED FOR SITE PLAN AGREEMENT
18	2021-06-23	ADDENDUM 04



1 PLANTING PLAN - GROUND LEVEL
 SCALE: 1:200

Diamond Schmitt Architects
 184 Adelaide Street West, Suite 100, Toronto, Can.
 Tel: 416 962 3800 Fax: 416 962 3508 info@dsca.ca

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PLANTING PLAN
 GROUND LEVEL

Scale: 1:200
 Project No: 19004
 Date: -

LEGEND

- 9.740M2 LEED BOUNDARY
- 3.888M2 BUILDING FOOTPRINT

DOUGLAS JAMES, MCIP, RPP
 MANAGER, DEVELOPMENT REVIEW - CENTRAL
 PLANNING, INFRASTRUCTURE & ECONOMIC
 DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED
 By Douglas James at 11:38 am, Oct 28, 2021

PLAZA IRRIGATION SCHEDULE:

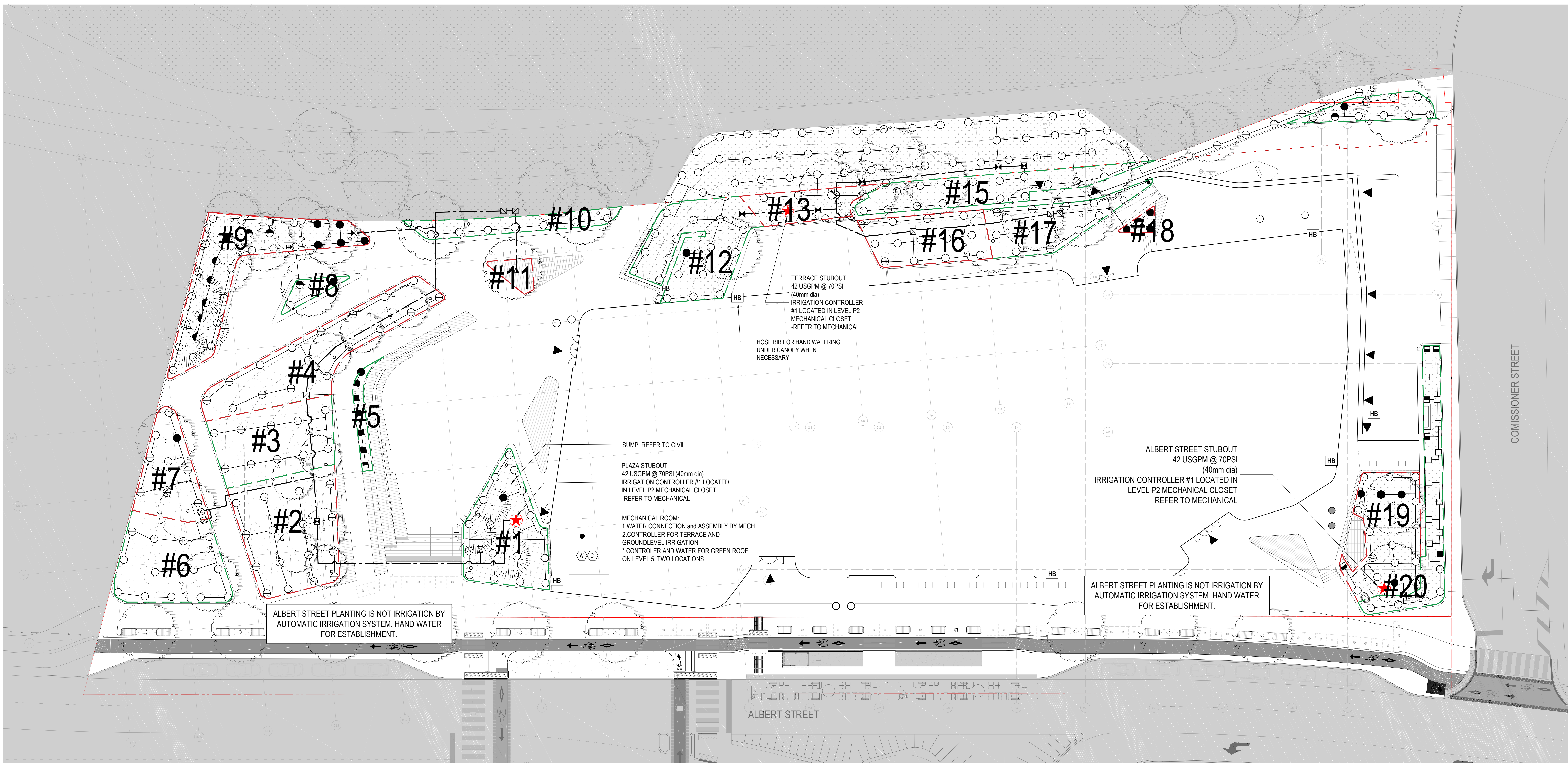
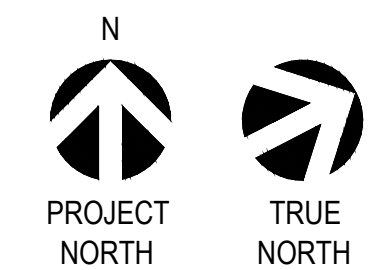
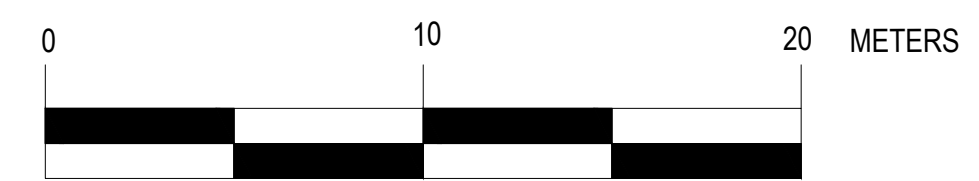
- | | | |
|------------------------|---|---|
| CONTROLLER / TIMECLOCK | RAINBIRD ESP-LXME - 20 ZONES | RAINBIRD 1804-PRS Sprinkler c/w U15' Nozzle |
| MAIN CONNECTION | 42.0 USGPM @ 70 PSI,
2" DOUBLE CHECK VALVE ASSEMBLY (By Mech)
& RAINBIRD #3 QUICK COUPLER (By Mech) | RAINBIRD 1804-PRS Sprinkler c/w U12' Nozzle |
| STUBOUT LOCATION | 1 1/2" BALL VALVE & #3QC IN 1419 BOX | RAINBIRD 1806-PRS Sprinkler c/w U8' Nozzle |
| AUTO VALVE | RAINBIRD 100-PEB VALVE | RAINBIRD 1804-PRS Sprinkler c/w 15SST' Nozzle |
| AUTO VALVE | RAINBIRD 150-PEB VALVE | RAINBIRD 1804-PRS Sprinkler c/w 15RCS or LCS Nozzle |
| HOSEBIB, REFER TO MECH | | RAINBIRD 1804 Sprinkler c/w 15SST Nozzle + 0.6 PCS |
| RAIN-FREEZE SENSOR | RAINBIRD WR2-RFC-RAIN + FREEZE COMBO
(REMOTE ANTENNA) LOCATED ON ROOF | RAINBIRD BUBBLER (2 PER TREE) |
- (2") SLEEVE LOCATION AND SIZE

IRRIGATION NOTES:

- IRRIGATION PLANS ARE DIAGRAMMATIC. CONTRACTOR TO PLACE ACCORDING TO SITE CONDITIONS. UNLESS OTHERWISE STATED.
- ALL PLANTING AREAS WITHIN SCOPE OF WORK LINE TO BE IRRIGATED.
- ALL LANDSCAPE IRRIGATION SHALL CONFORM TO IA ONTARIO STANDARDS.
- LANDSCAPE DRIPLINE SHALL BE LOOPED UNLESS OTHERWISE SPECIFIED.
- ALL IRRIGATION WORK SHALL BE DONE BY A SUITABLY EXPERIENCED AND QUALIFIED IRRIGATION CONTRACTOR ADEQUATE FOR THE SCOPE OF WORK. THE CONTRACTOR SHALL BE A MEMBER IN GOOD STANDING OF THE IRRIGATION INDUSTRY ASSOCIATION OF ONTARIO AND HAVE MET THE QUALIFICATION STANDARDS CURRENTLY APPLIED TO CONTRACTORS BY THAT ORGANIZATION.
- UNLESS OTHERWISE SPECIFIED OR INDICATED ON THE DRAWINGS, ALL LANDSCAPE IRRIGATION EQUIPMENT SHALL BE SUPPLIED BY A SINGLE MANUFACTURER. ANY SUBSTITUTIONS WITHOUT THE PRIOR APPROVAL OF THE CONSULTANT WILL BE REJECTED.
- USE VAN NOZZLES FOR SPRAY PATTERNS LESS THAN 90 DEGREES.
- INSTALL AN AIR VACUUM RELIEF VALVE IN A 610 VALVE BOX AT THE HIGH POINT OF EACH DRIPLINE ZONE. FLOW THRU ALL PIPING NOT TO EXCEED 5FT. SEC.
- ALL PIPING ON GREEN ROOF AND SHALLOW DEPTH AREAS TO BE SCH. 40 PVC.
- INSTALL WEATHER SENSOR ON ROOF. LOCATION TO BE DETAILED BY ARCH.
- MECHANICAL TO PROVIDE AN EXTERNAL STUBOUT WHERE COORDINATED.
- ELECTRICAL TO PROVIDE POWER TO CONTROLLER AND FULL WIRES FOR IRRIGATION VALVES.

LEGEND

- PROPERTY LINE
- OUTSIDE PROJECT SCOPE
- UNDERGROUND SLAB
- BUILDING OVERHANG
- BUILDING ENTRY



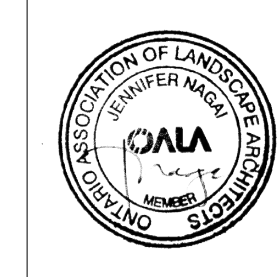
IRRIGATION PLAN - GROUND LEVEL
 SCALE: 1:200

ISSUED

No.	Date	Description
1	2019-07-10	ISSUED FOR SD COSTING
2	2019-08-30	ISSUED FOR SD COSTING
3	2020-01-08	ISSUED FOR DD COSTING
4	2020-03-30	ISSUED FOR 100% DD
5	2020-05-28	ISSUED FOR 30% CD COSTING
6	2020-06-05	ISSUED FOR SITE PLAN CONTROL REV 0
7	2020-09-29	ISSUED FOR 40% CD COSTING
8	2020-11-17	ISSUED FOR SITE PLAN CONTROL REV 1
9	2021-01-18	ISSUED FOR 60% CD COSTING
10	2021-02-26	ISSUED FOR COORDINATION
11	2021-03-15	ISSUED FOR SITE PLAN CONTROL REV 2
12	2021-03-19	ISSUED FOR BP COORDINATION
13	2021-03-24	ISSUED FOR BUILDING PERMIT
14	2021-04-09	ISSUED FOR CONSULTANT COORDINATION
15	2021-05-11	ISSUED FOR TENDER
16	2021-05-11	ISSUED FOR BUILDING PERMIT UPDATE
17	2021-09-29	ISSUED FOR SITE PLAN AGREEMENT

Diamond Schmitt Architects
 144 Adelaide Street West, Suite 100, Toronto, Canada M5H 1B7
 Tel: 416.862.8800 Fax: 416.862.3508 info@dsai.ca www.dsai.ca

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IRRIGATION PLAN
 GROUND LEVEL

Scale: 1:200
 Project No: 19004
 Date: -

L6.01

DWG #18

GREEN ROOF IRRIGATION SCHEDULE:

	MAIN CONNECTION LEVEL 5, 2 LOCATIONS	33 USGPM @ 60 PSI 1 1/2" DOUBLE CHECK VALVE ASSEMBLY & RAINBIRD #3 QUICK COUPLER
	STUBOUT LOCATION -WEST ROOF	33 USGPM @ 43 PSI,
	STUBOUT LOCATION- EAST ROOFS	33 USGPM @ 47 PSI (NORTH-EAST) 12 USGPM @ 55 PSI (SOUTH-EAST)
	TIME CLOCK	RAINBIRD ESP8LXME
	AUTO VALVE	RAINBIRD 100-PEB VALVE
	SPRINKLER	RAINBIRD 1804-SAM-PRS Sprinkler c/w MP3000 Rotator Nozzle
	SPRINKLER	RAINBIRD 1804-SAM-PRS Sprinkler c/w MP2000 Rotator Nozzle
	RAIN-FREEZE SENSOR	RAINBIRD WR2-RFC-RAIN + FREEZE COMBO (REMOTE ANTENNA) 1 PER CONTROLLER
----	SHEAR BARRIER	REFER TO ARCH.

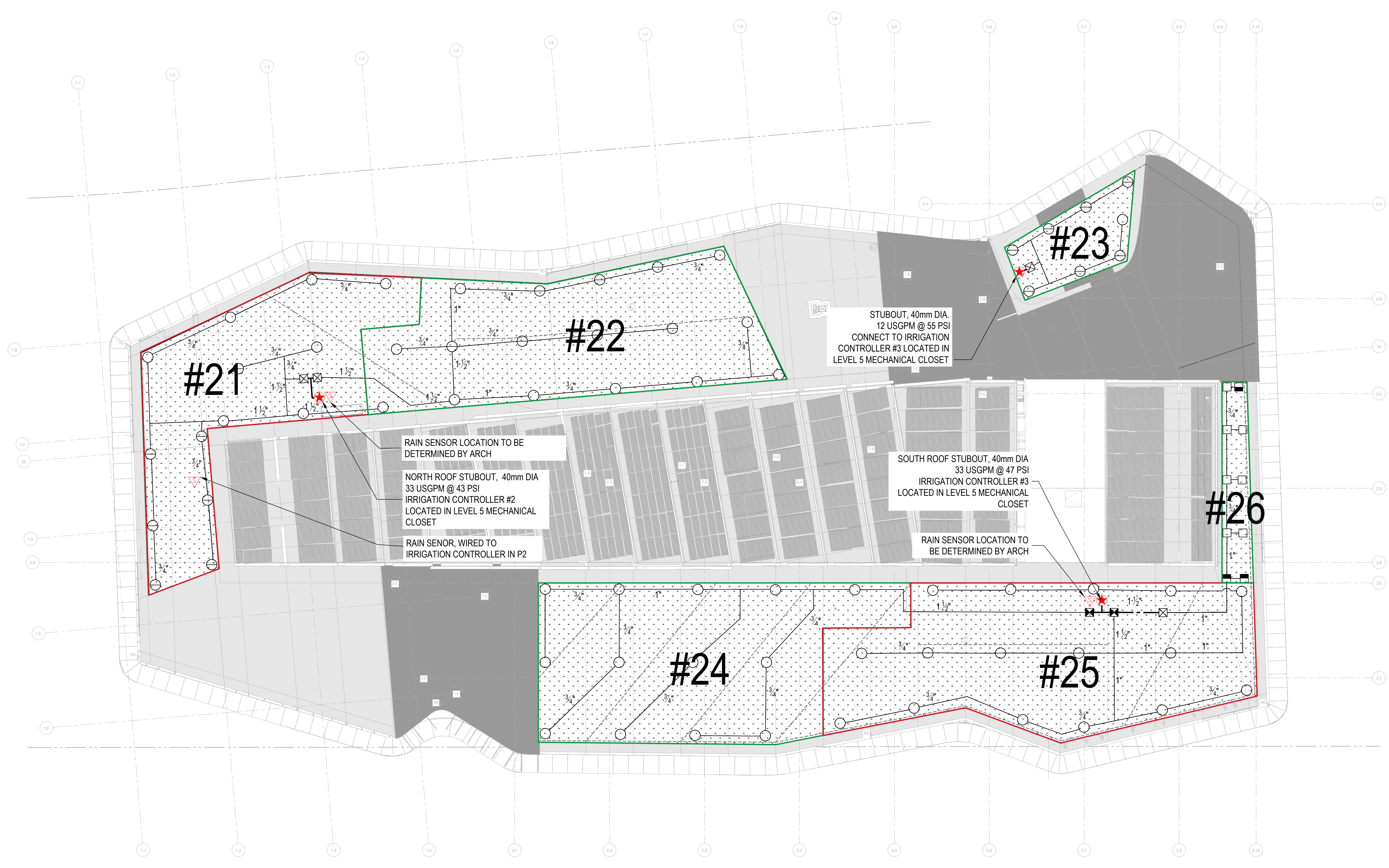
IRRIGATION NOTES:

- IRRIGATION PLANS ARE DIAGRAMMATIC. CONTRACTOR TO PLACE ACCORDING TO SITE CONDITIONS. UNLESS OTHERWISE STATED, DUE TO THE UNDULATIONS OF THE ROOF IT IS EXPECTED THAT MODIFICATIONS WILL BE REQUIRED.
- RAIN SENSOR LOCATION TO BE DETERMINED ON SITE.
- FLOW THROUGH ALL PIPING NOT TO EXCEED 5FT/SEC.
- ALLOW FOR 2 INCLINE CHECK VALVES FOR EACH ZONE FOR THE GREEN ROOF AREAS TO REDUE LOW HEAD DRAINAGE.
- ALL PLANTING AREAS WITHIN SCOPE OF WORK LINE TO BE IRRIGATED.
- ALL LANDSCAPE IRRIGATION SHALL CONFORM TO IA ONTARIO STANDARDS.
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- MECHANICAL TO PROVIDE AN EXTERNAL STUBOUT WHERE COORDINATED.
- ELECTRICAL TO PROVIDE POWER TO CONTROLLER AND PULL WIRES FOR IRRIGATION VALVES

CONTRACTOR MUST CHECK & VERIFY ALL DIMENSIONS ON THE JOB.
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5	2020-05-28	ISSUED FOR 30% CD COSTING
6	2020-06-05	ISSUED FOR SITE PLAN CONTROL REV 0
7	2020-09-29	ISSUED FOR GRACO COSTING
8	2020-11-17	ISSUED FOR SITE PLAN CONTROL REV 1
9	2021-01-18	ISSUED FOR 90% CD COSTING
10	2021-02-26	ISSUED FOR COORDINATION
11	2021-03-15	ISSUED FOR SITE PLAN CONTROL REV 2
12	2021-03-19	ISSUED FOR BP COORDINATION
13	2021-03-24	ISSUED FOR BUILDING PERMIT
14	2021-04-06	ISSUED FOR CONSULTANT COORDINATION
15	2021-05-11	ISSUED FOR TENDER
16	2021-05-11	ISSUED FOR BUILDING PERMIT UPDATE
17	2021-08-20	ISSUED FOR SITE PLAN AGREEMENT



DOUGLAS JAMES, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW - CENTRAL
PLANNING, INFRASTRUCTURE & ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED
By Douglas James at 11:38 am, Oct 28, 2021

LANDSCAPE IRRIGATION PLAN - ROOF LEVEL
SCALE: 1:200

Diamond Schmitt Architects
344 Adelaide Street West, Suite 100, Toronto, Canada M5V 1R7
Tel: 416.862.8800, Fax: 416.862.5508, info@dsai.ca, www.dsai.ca

PFS STUDIO
1177 West 3rd Avenue, Suite 200, Vancouver, BC V6J 1K6
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PLANNING - URBAN DESIGN - LANDSCAPE ARCHITECTURE

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PLANTING PLAN - GREEN ROOF

Scale:
Project No: 19004
Date:
DWG #18176

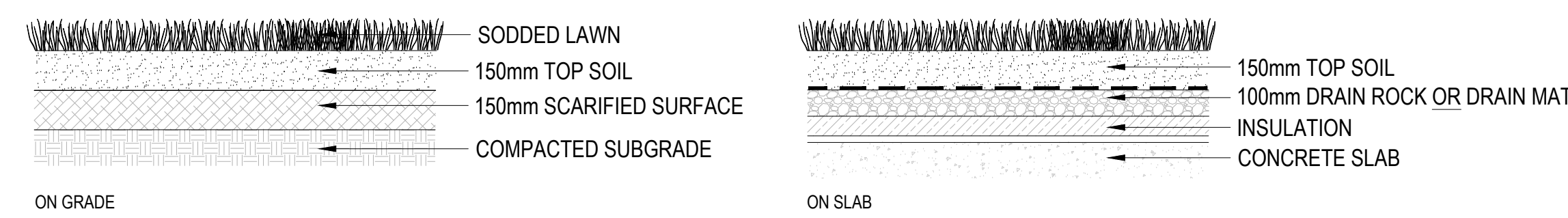
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DOT NUMBER: DOT-12-20-0077

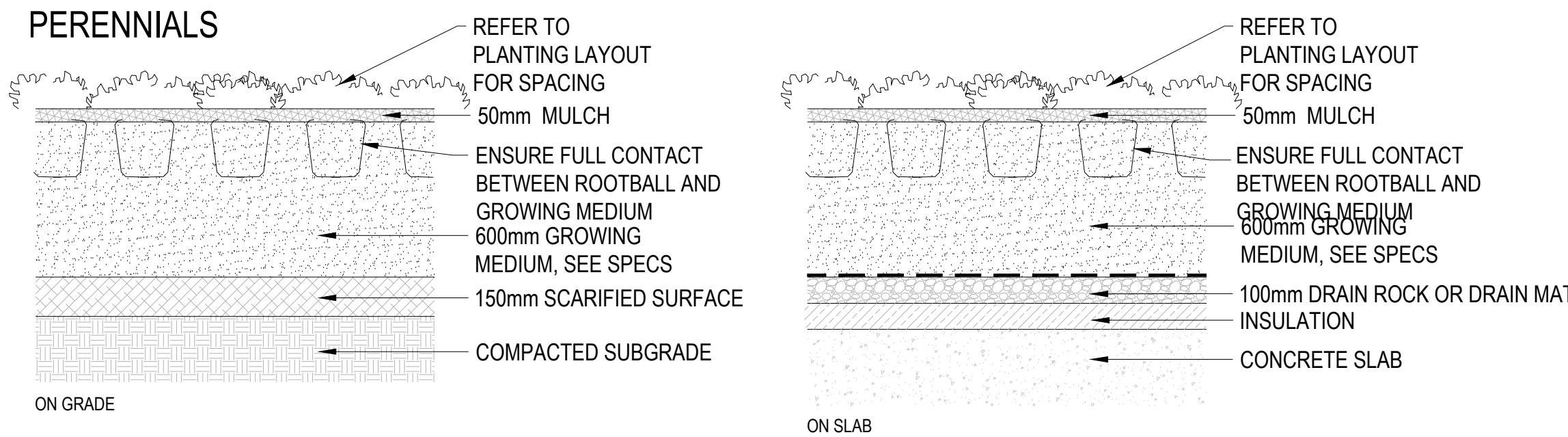
ISSUED

No.	Date	Description
1	2019-07-10	ISSUED FOR SD COSTING
2	2019-08-30	ISSUED FOR SD COSTING
3	2020-01-06	ISSUED FOR SD COSTING
4	2020-03-30	ISSUED FOR 100% DD
5	2020-05-28	ISSUED FOR 30% COSTING
6	2020-06-05	ISSUED FOR SITE PLAN CONTROL REV 0
7	2020-09-29	ISSUED FOR 60% COSTING
8	2020-11-17	ISSUED FOR SITE PLAN CONTROL REV 1
9	2021-01-18	ISSUED FOR 90% COSTING
10	2021-02-26	ISSUED FOR COORDINATION
11	2021-03-15	ISSUED FOR SITE PLAN CONTROL REV 2
12	2021-03-19	ISSUED FOR SP COORDINATION
13	2021-03-24	ISSUED FOR BUILDING PERMIT
14	2021-04-09	ISSUED FOR CONSULTANT COORDINATION
15	2021-05-11	ISSUED FOR TENDER
16	2021-06-11	ISSUED FOR BUILDING PERMIT UPDATE
17	2021-08-20	ISSUED FOR SITE PLAN AGREEMENT
04	2021-06-23	ADDENDUM 04

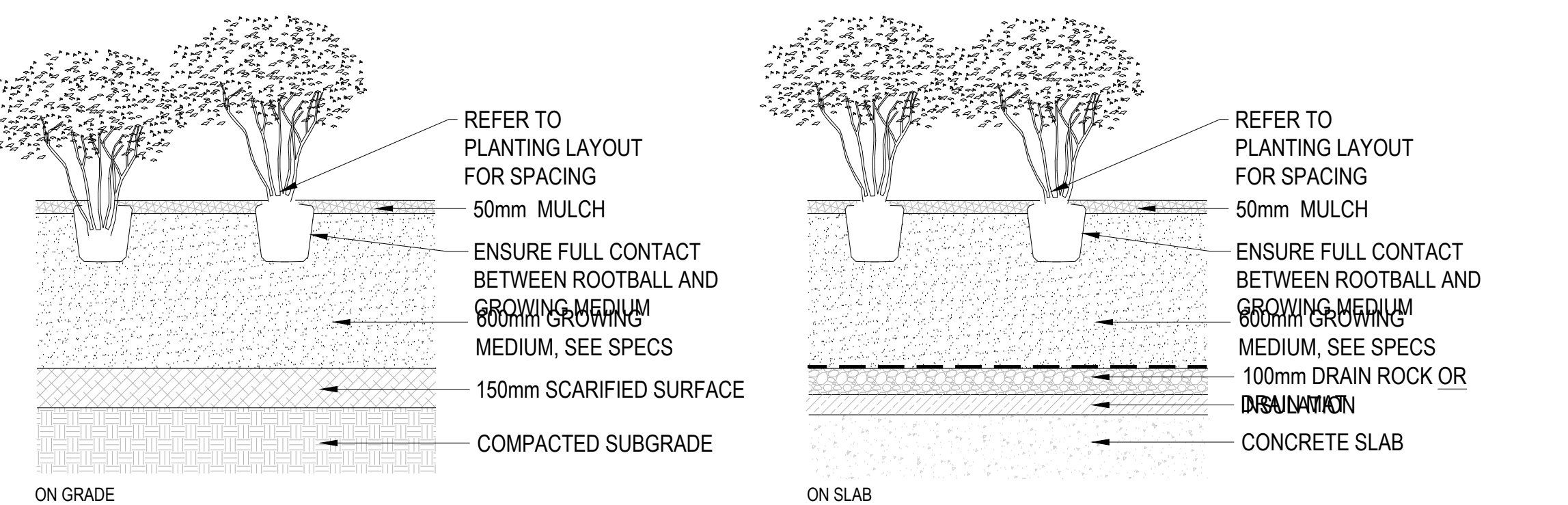
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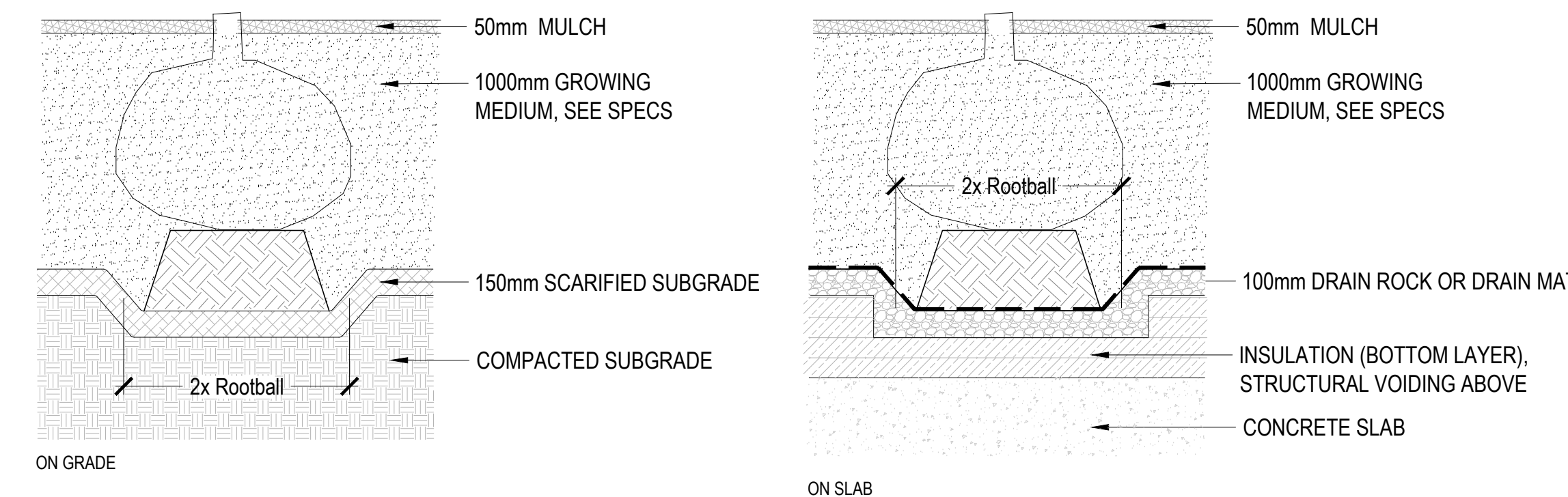
PERENNIALS



SHRUBS and GRASSES

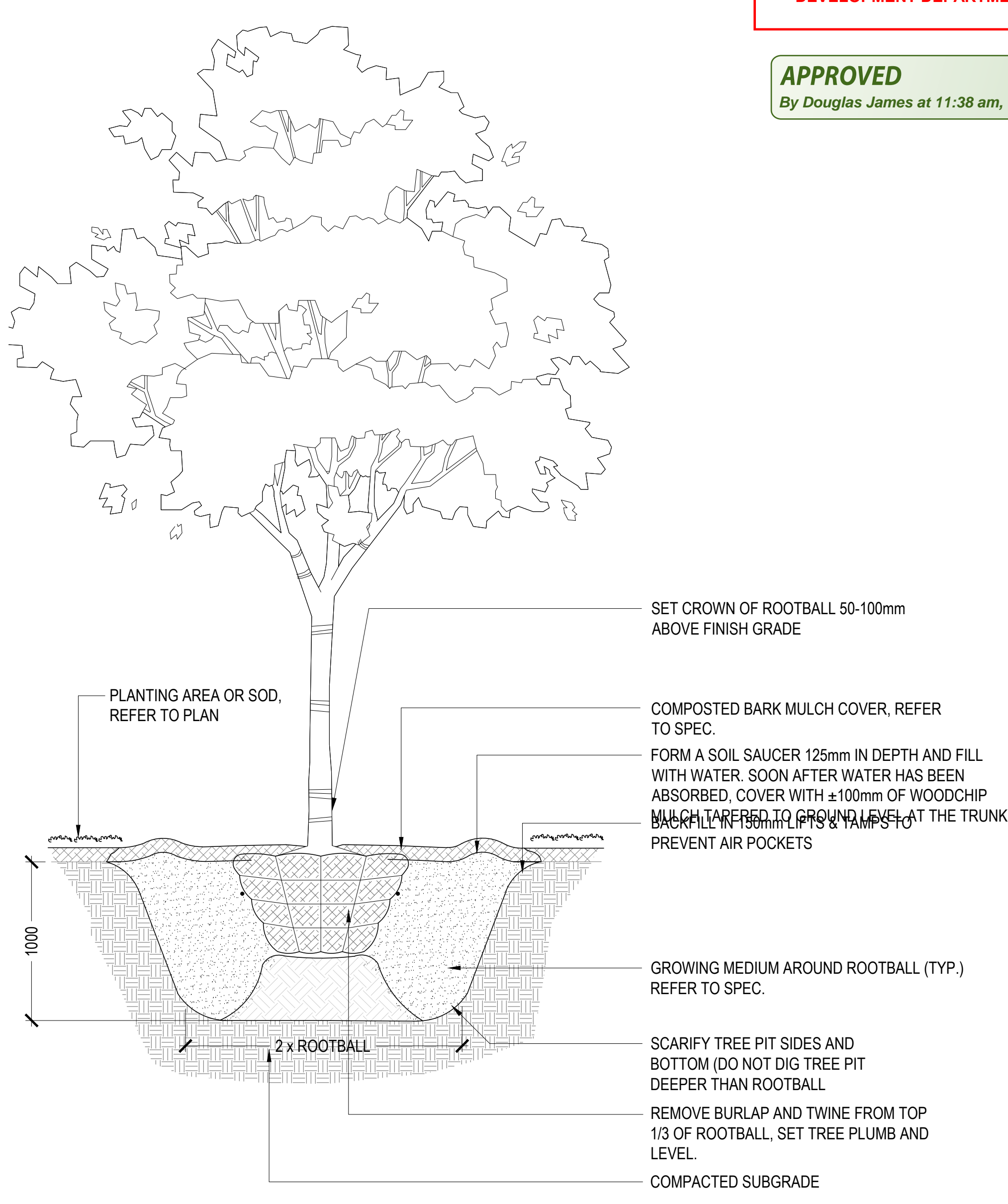


TREES

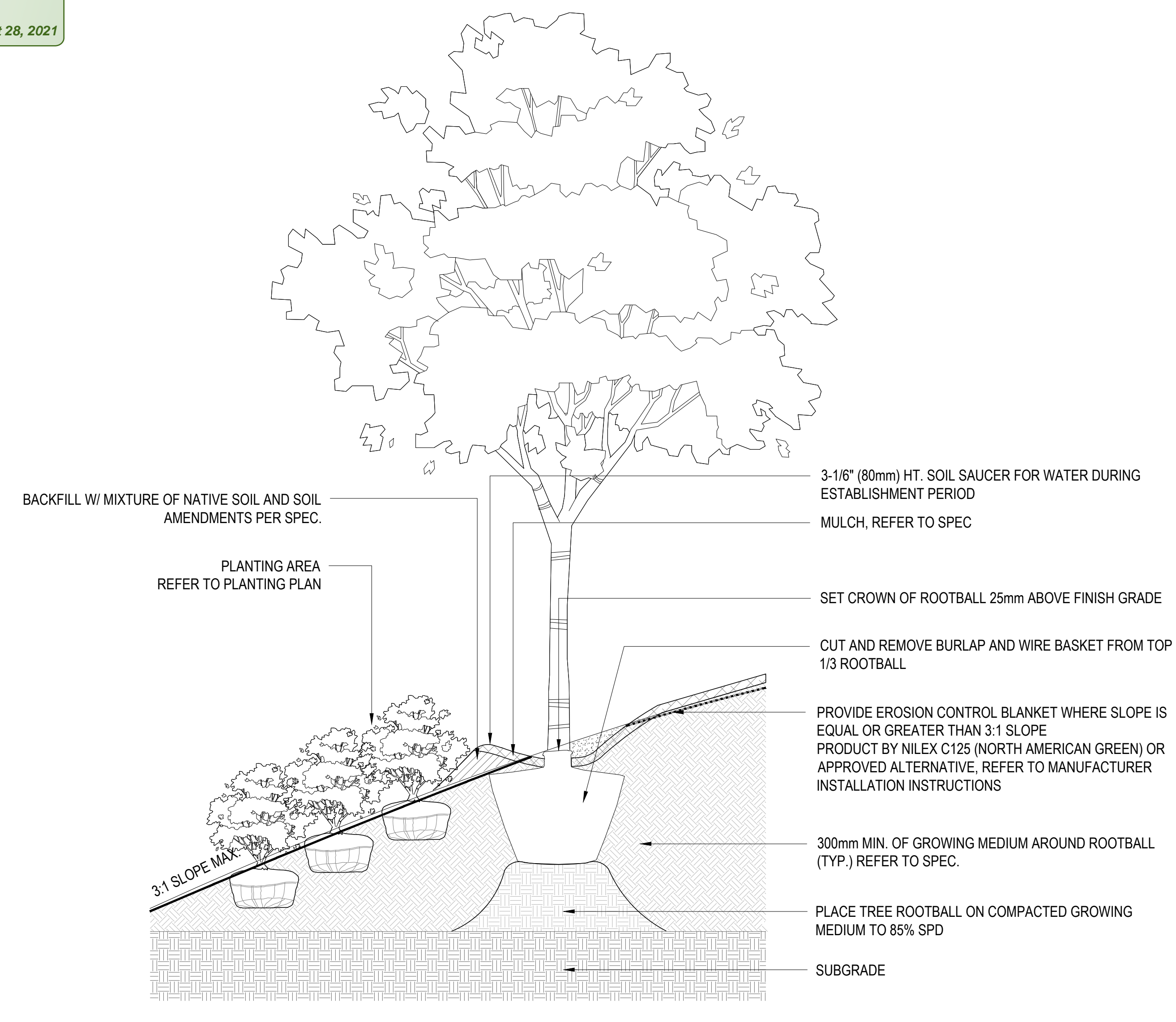


DJ
DOUGLAS JAMES, MCIP, RPP
 MANAGER, DEVELOPMENT REVIEW - CENTRAL
 PLANNING, INFRASTRUCTURE & ECONOMIC
 DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED
 By Douglas James at 11:38 am, Oct 28, 2021

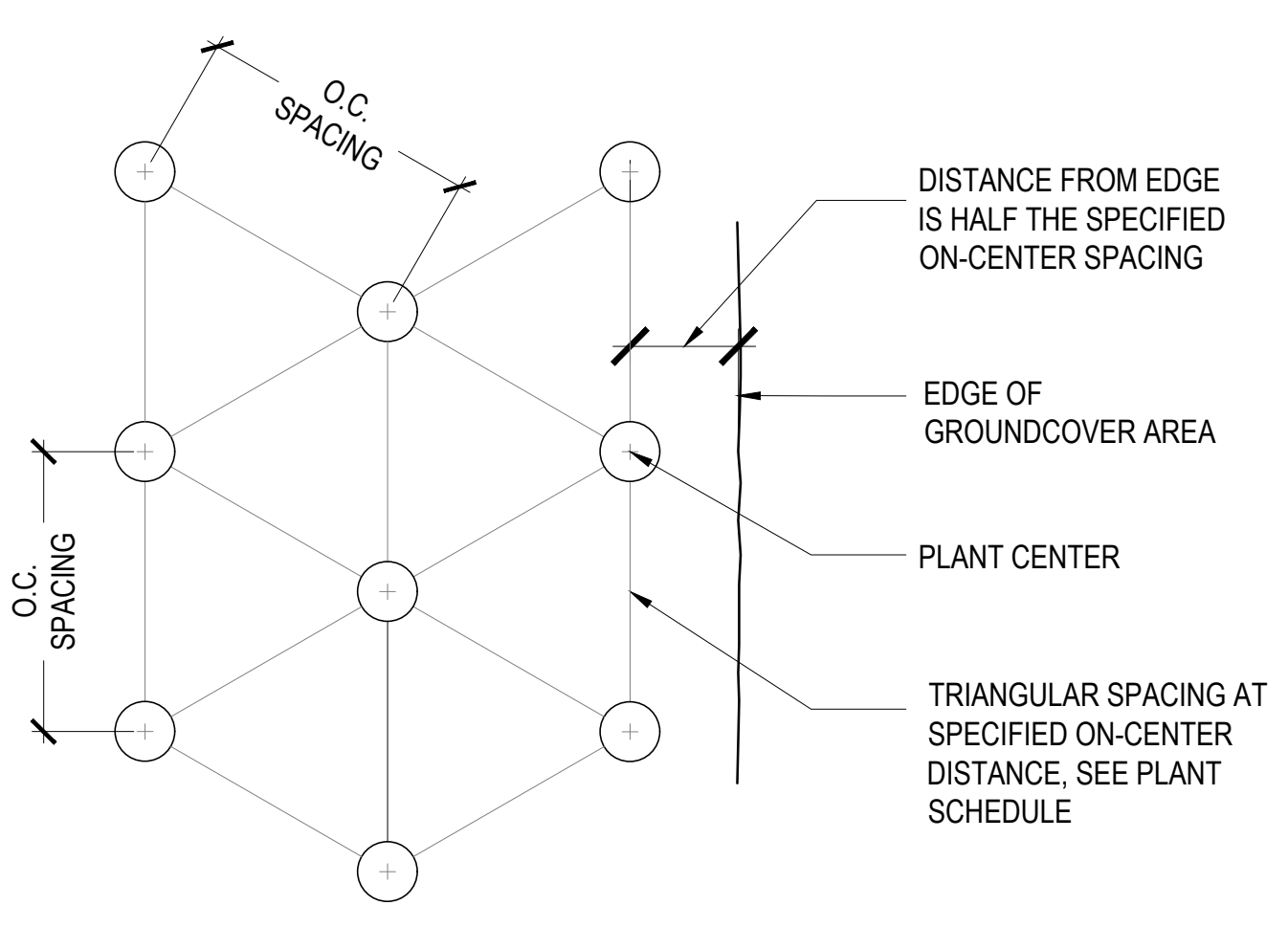


4 TREE PLANTING, TYP.
 SCALE: 1:20



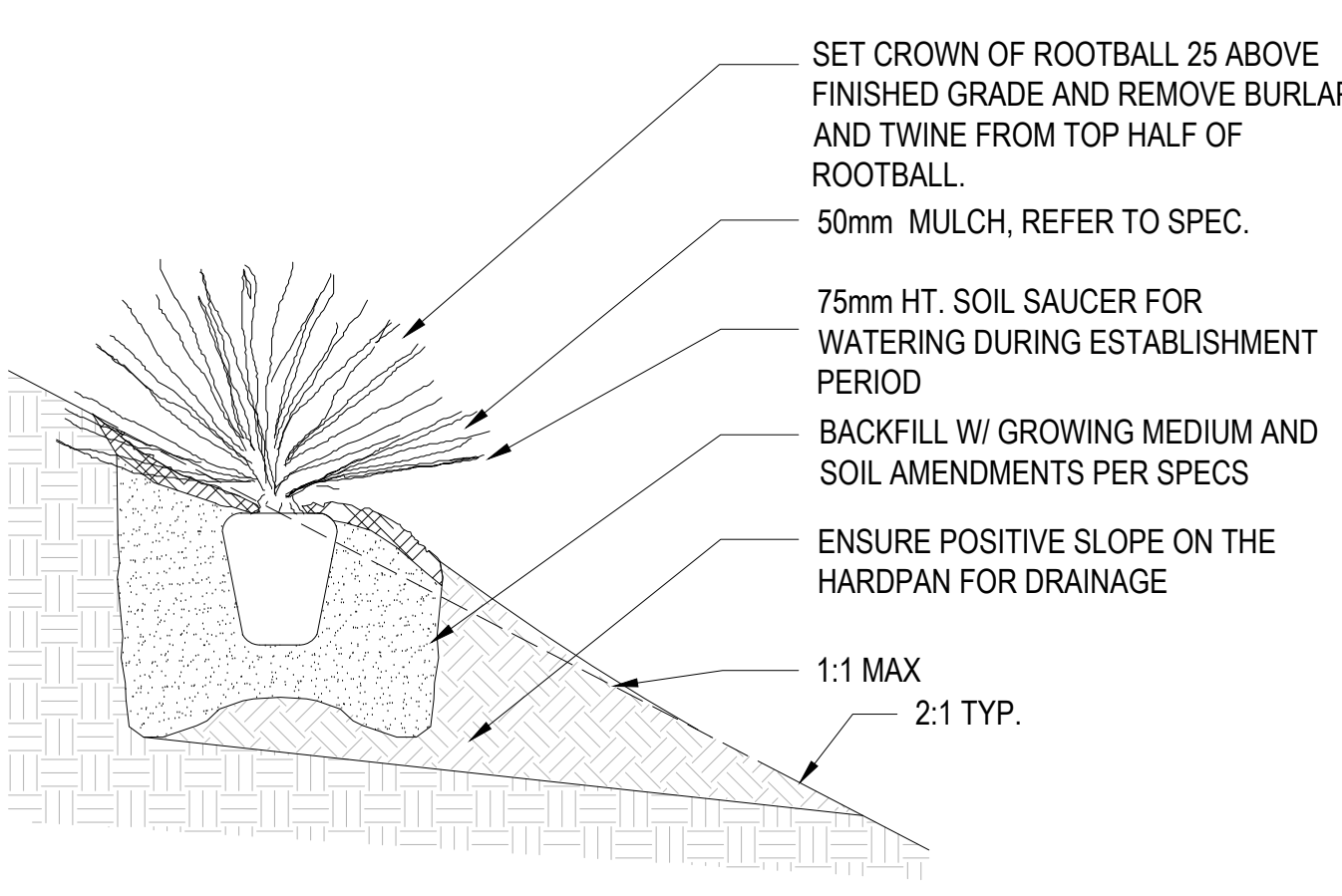
5 TREE PLANTING ON SLOPE, ON GRADE
 SCALE: 1:10

1 SOIL PROFILES
 SCALE: 1:10

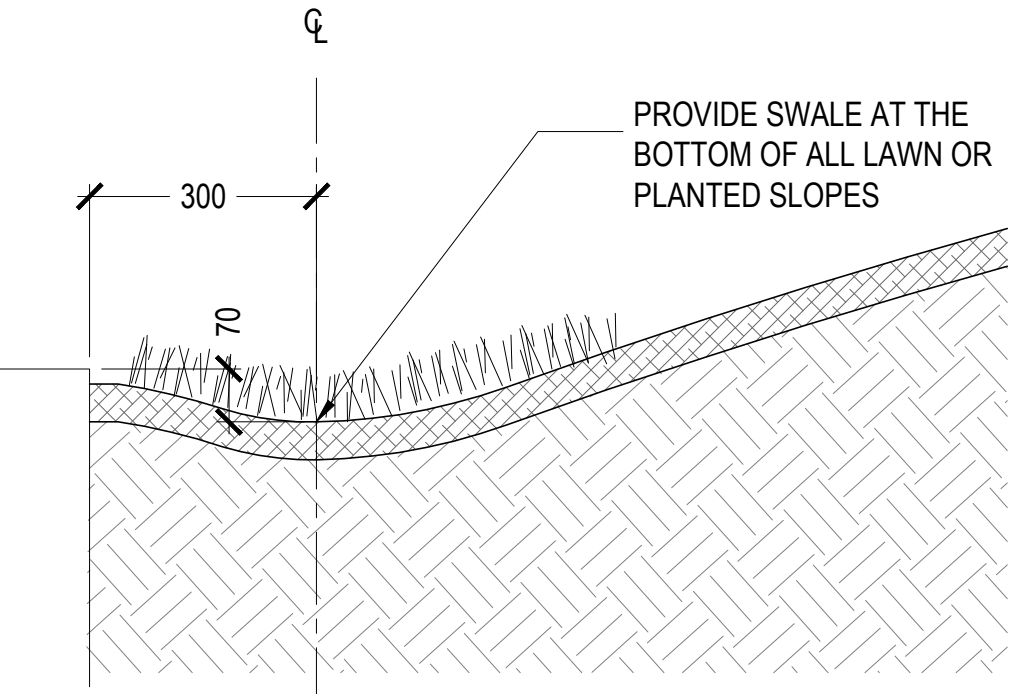


PLANT LAYOUT

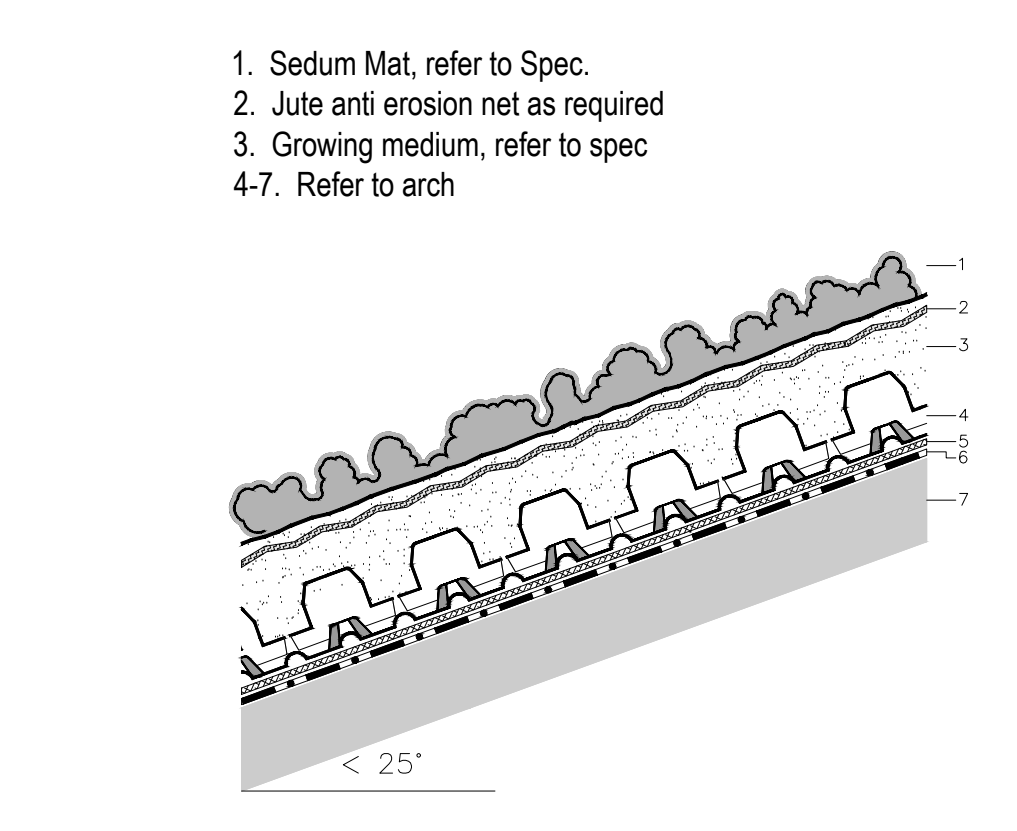
2 PLANTING LAYOUT
 SCALE: 1:10



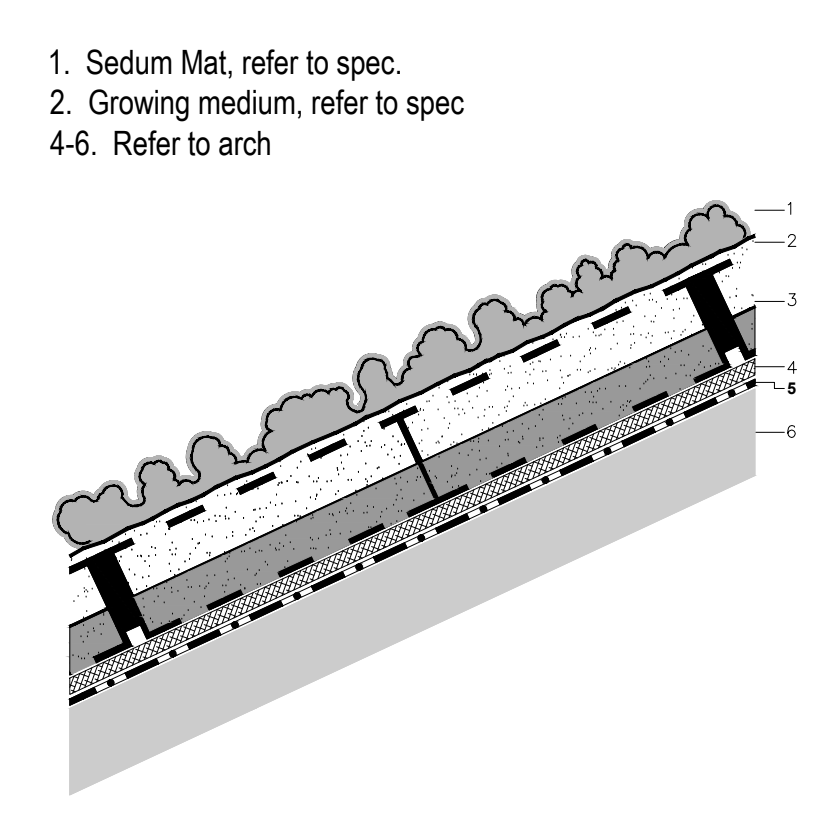
3 SHRUB PLANTING ON SLOPE
 SCALE: 1:20



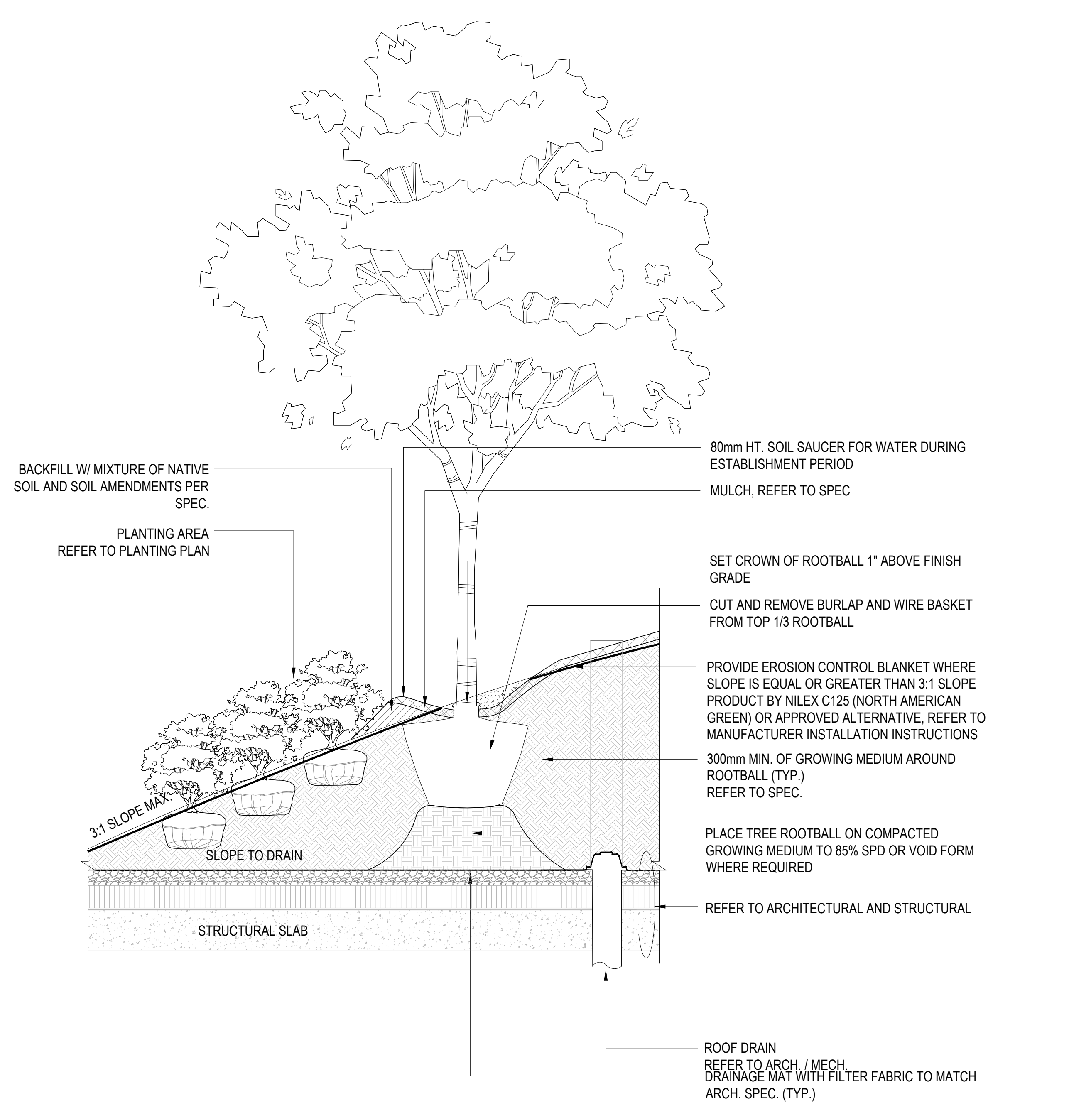
6 BOTTM OF BERM, TYP.
 SCALE: 1:10



7 EXTENSIVE GREEN ROOF
 SCALE: 1:10



GREEN ROOF SLOPE 25° - 45°



6 TREE PLANTING ON SLOPE, ON STRUCTURE
 SCALE: 1:20

Diamond Schmitt Architects
 184 Adelaide Street West, Suite 100, Toronto, Canada M5H 1P7
 Tel: 416 862 8800 Fax: 416 862 5398 info@dsca.ca www.dsca.ca

PFS STUDIO
 1777 Main St. Suite 100
 Toronto, ON M5S 1A5
 416-924-9277
 www.pfstudio.com

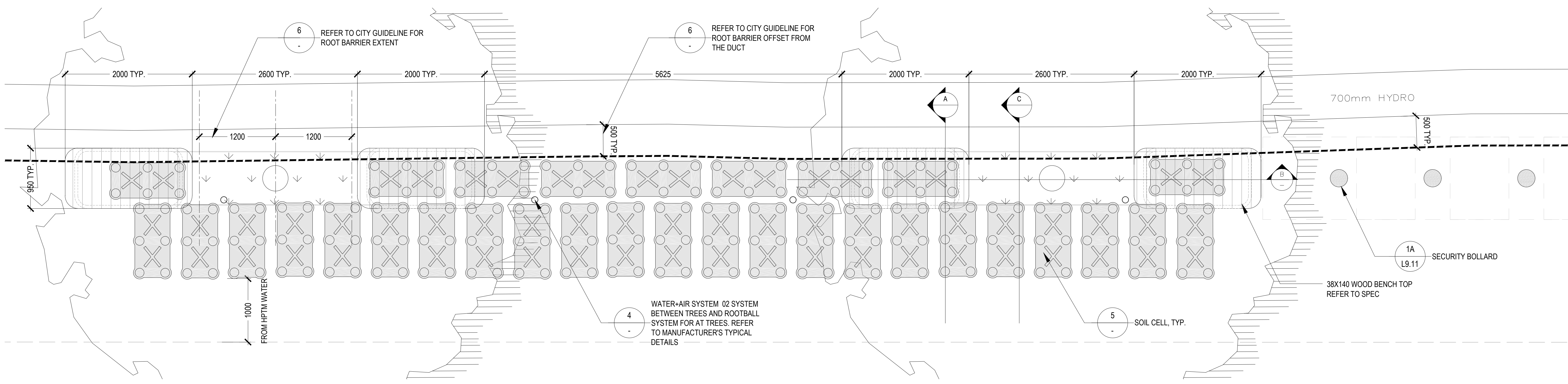
STAMP

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 AND LIBRARY AND ARCHIVES
 CANADA JOINT FACILITY**

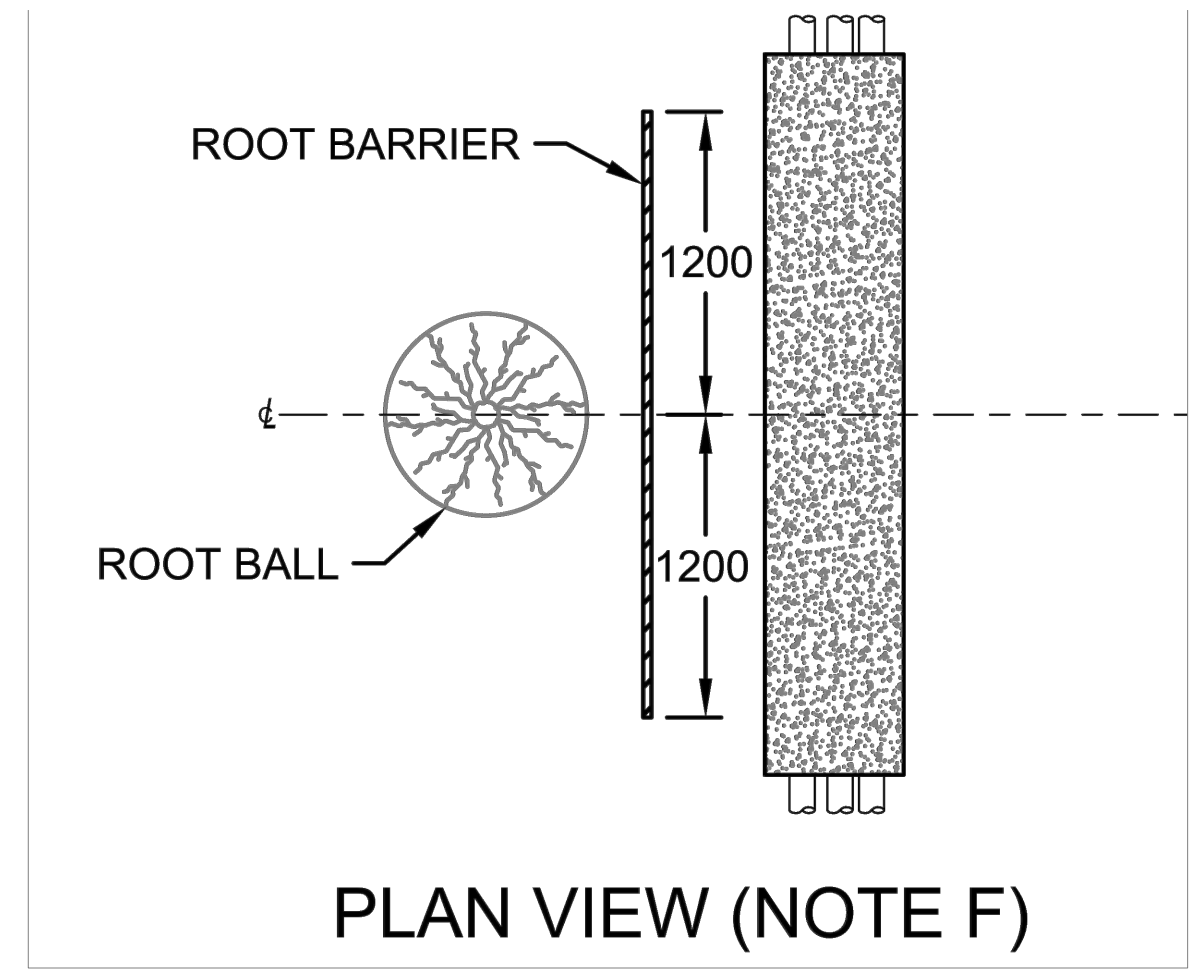
LANDSCAPE DETAILS
 PLANTING

Scale: AS NOTED
 Project No: 19004
 Date: --

DOT NUMBER: D07-12-20-0077



1 SIDEWALK - DETAILED PLAN
SCALE: 1:30

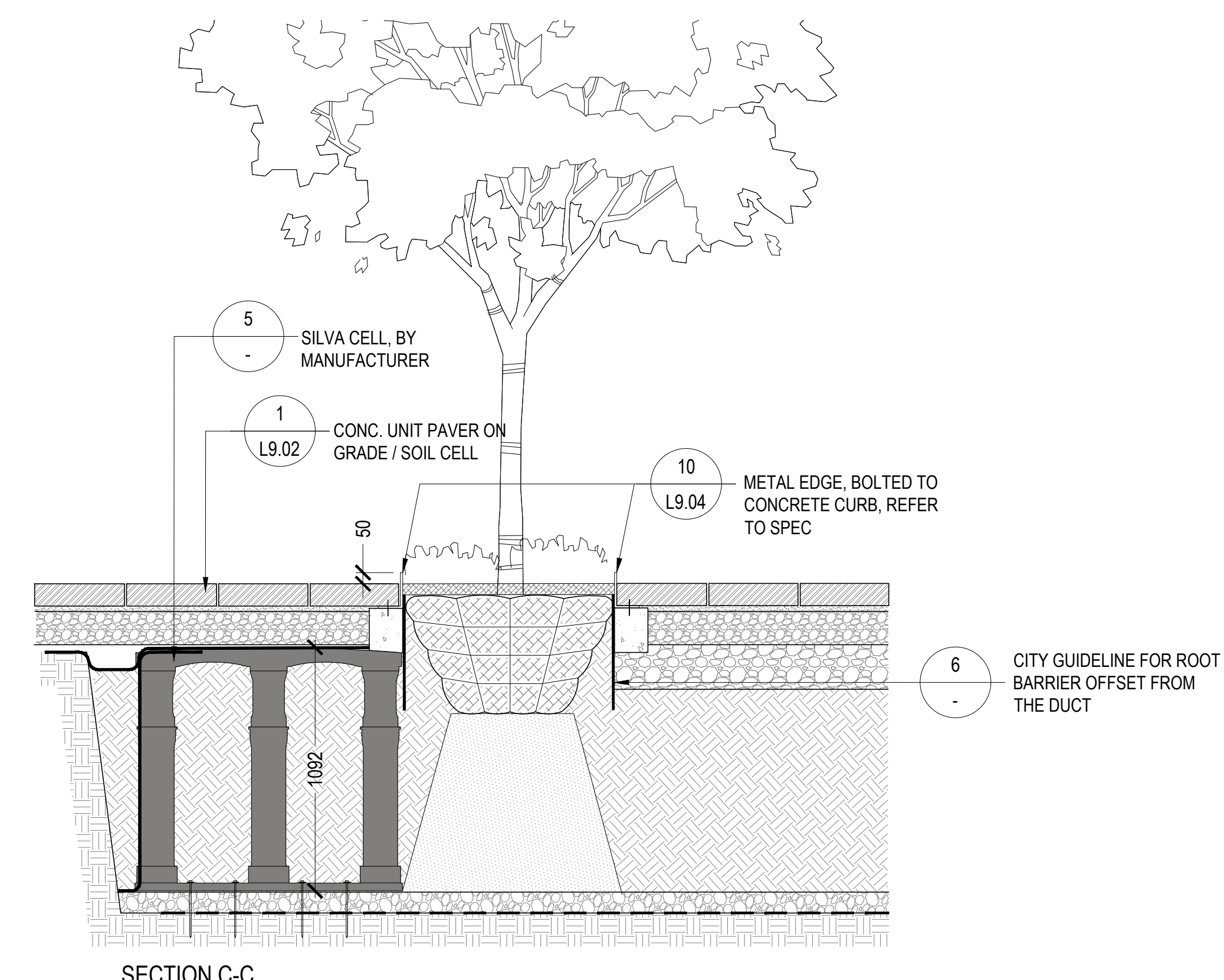
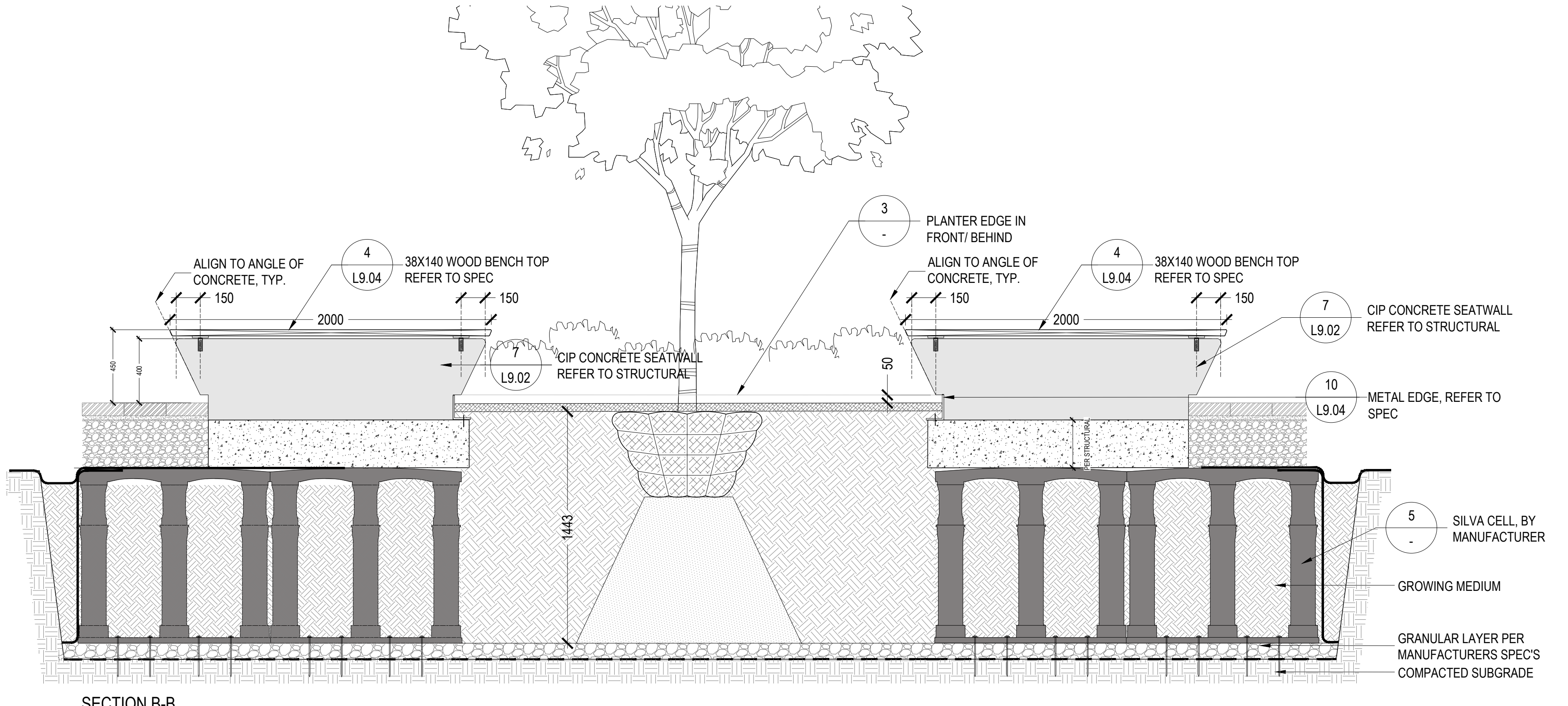
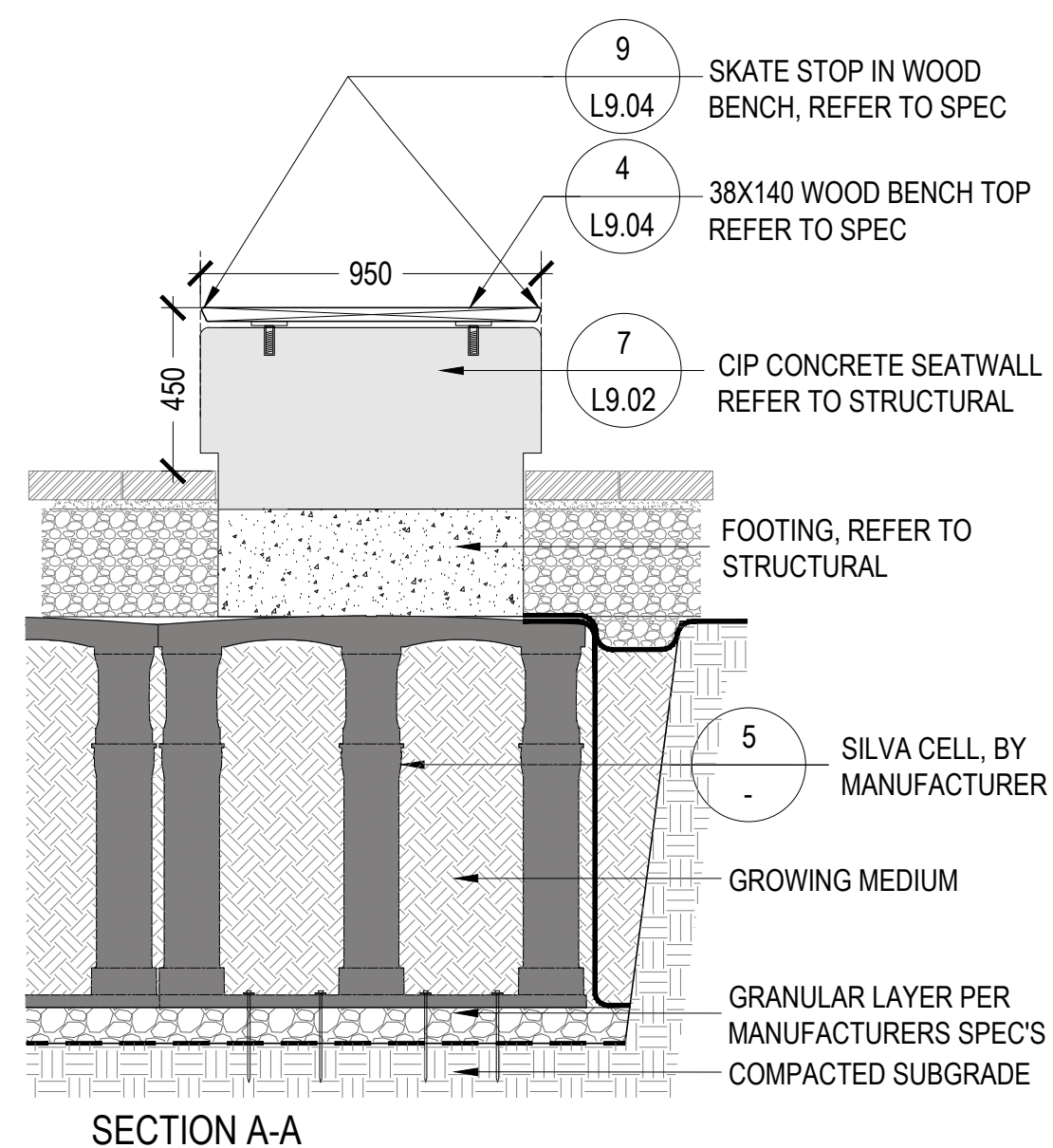


F. ROOT BARRIER MUST BE RIGID AND MADE OF A NON-DEGRADEABLE MATERIAL. IT MUST BE INSTALLED PARALLEL TO AND EXTEND TO THE DEPTH OF THE ADJACENT STRUCTURE. ROOT BARRIER MUST EXTEND 1200MM FROM THE CENTRE OF THE ROOT BALL IN EACH DIRECTION PARALLEL TO THE UNDERGROUND STRUCTURE.

6 CITY GUIDELINE
SCALE: 1:20

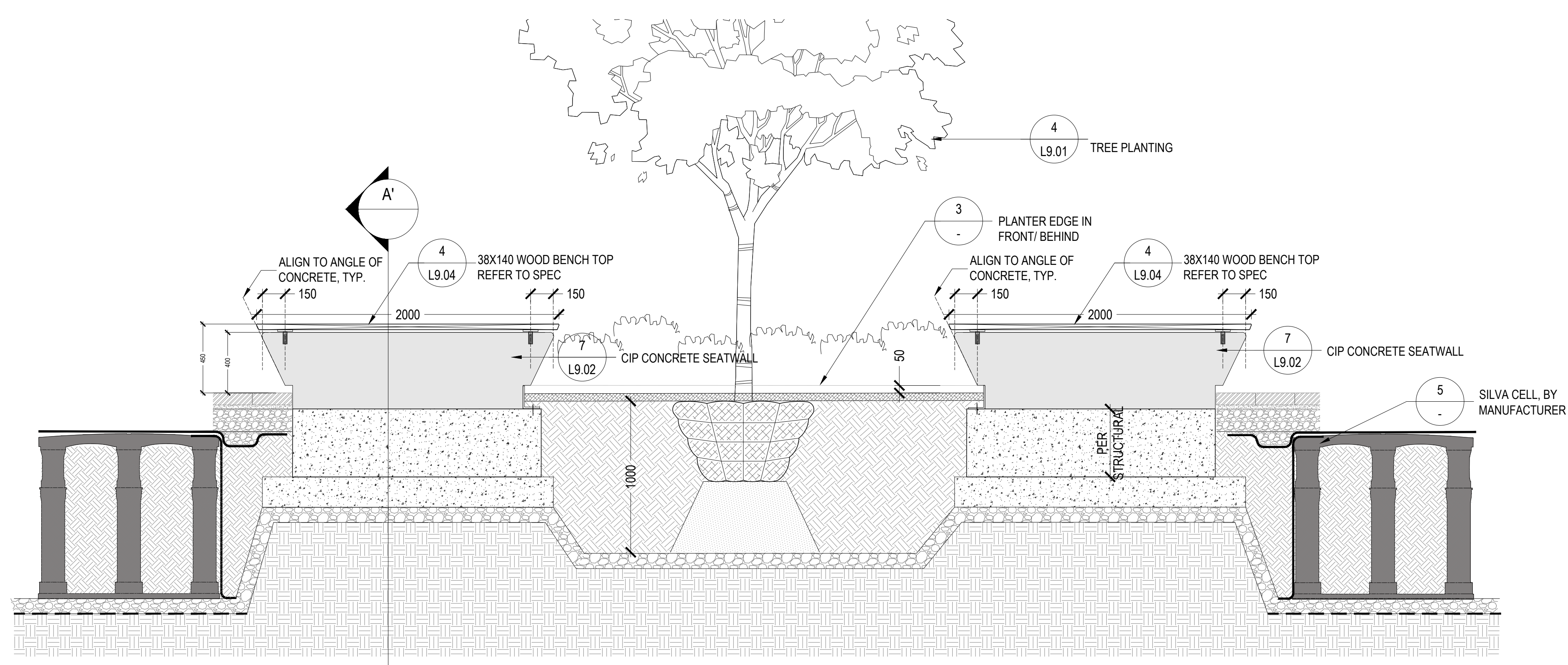
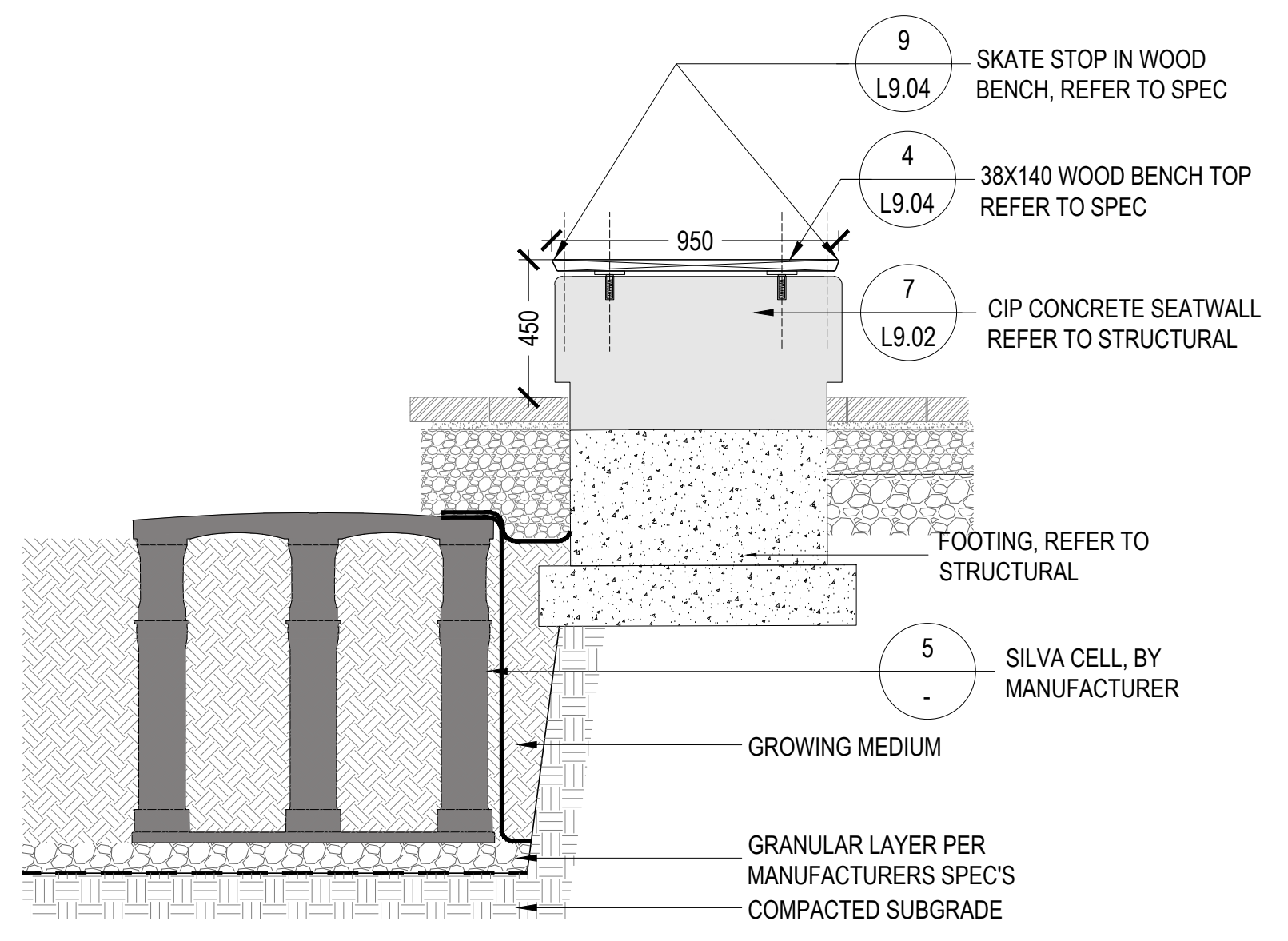
CONTRACTOR MUST CHECK & VERIFY ALL DIMENSIONS ON THE JOB.
NO NET SCALE DIMENSIONS.
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THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL ISSUED BY THE ARCHITECT.

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7	2020-09-29	ISSUED FOR 60% CD COSTING
8	2020-11-17	ISSUED FOR SITE PLAN CONTROL, REV 1
9	2021-01-18	ISSUED FOR 80% CD COSTING
10	2021-02-26	ISSUED FOR COORDINATION
11	2021-03-15	ISSUED FOR SITE PLAN CONTROL, REV 2
12	2021-03-19	ISSUED FOR BP COORDINATION
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18	2021-08-23	ADDENDUM 04
19	2021-07-14	ADDENDUM 10



2A SIDEWALK BENCH - OVER SOIL CELLS
SCALE: 1:30

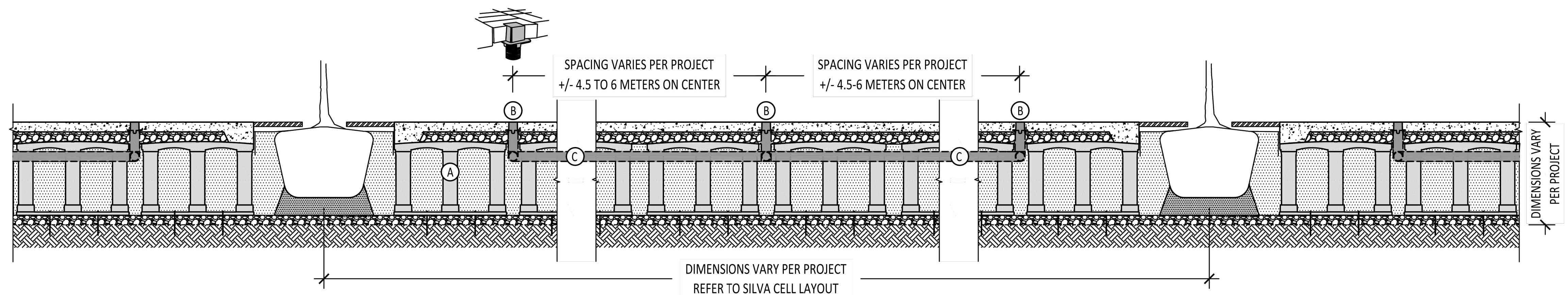
3 PLANTING EDGE AT PAVER
SCALE: 1:30



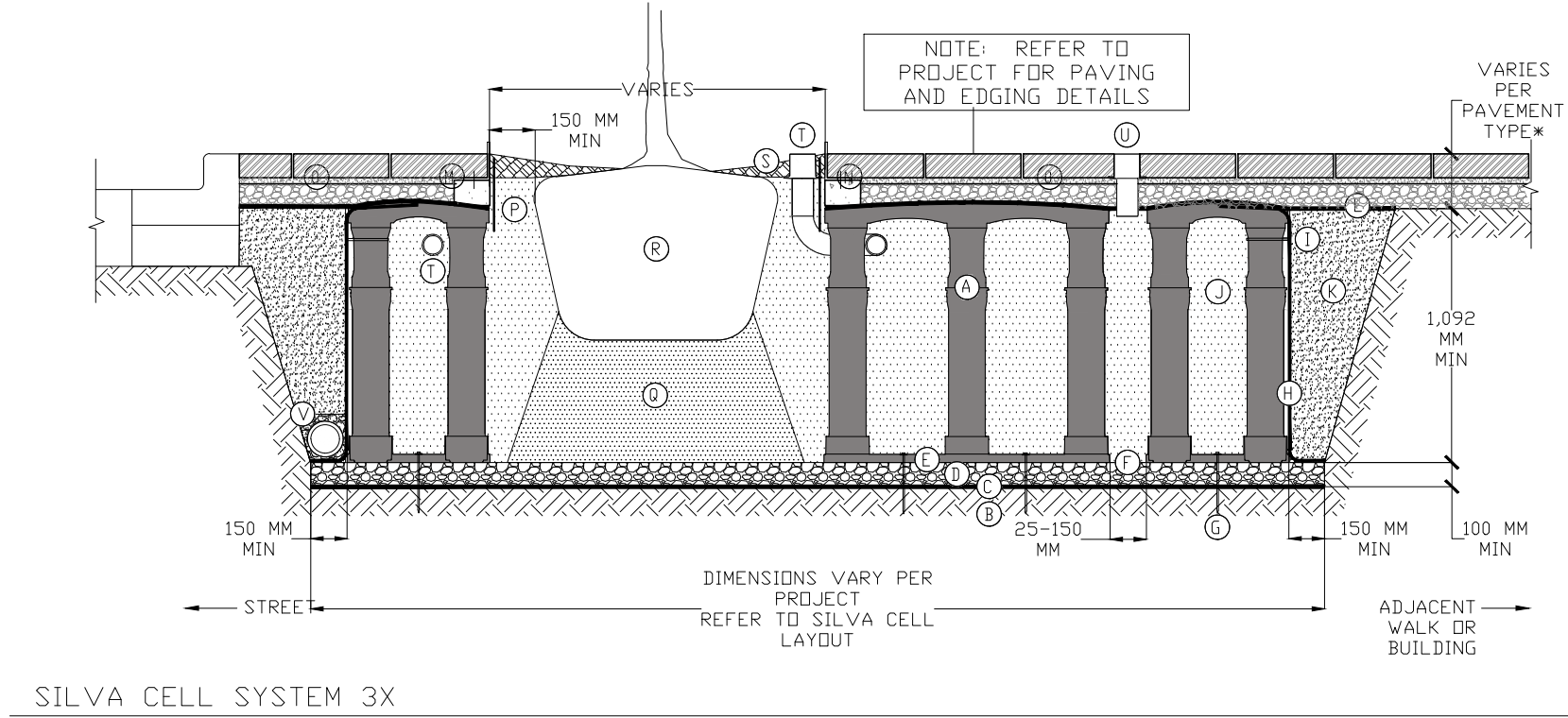
DJ
DOUGLAS JAMES, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW - CENTRAL PLANNING, INFRASTRUCTURE & ECONOMIC DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED
By Douglas James at 11:38 am, Oct 28, 2021

2B SIDEWALK BENCH - TRAFFIC RATED
SCALE: 1:30



4 WATER+AIR FOR SILVA CELL SYSTEM
SCALE: 1:30



- SILVA CELL SYSTEM 3X**
- ① SILVA CELL SYSTEM CHECK, BASE AND PRESS
 - ② SUBGRADE, COMPACTED
 - ③ GEOTEXTILE FABRIC, PLACED ABOVE
 - ④ GRANULAR AGGREGATE SUB-BASE
 - ⑤ SPACED TO 150MM, SLOPE 10% MAX
 - ⑥ 150MM SPACING BETWEEN
 - ⑦ SILVA CELL AT BASE
 - ⑧ UNDERDRAIN SYSTEM - CONTACT MANUFACTURER
 - ⑨ GEOTEXTILE FABRIC, 150MM PERIMETER OF SYSTEM WITH 150MM TIE OUTWARD FROM BASE AND 300MM EXCEEDS OVER TOP OF SEAT
 - ⑩ STABLE TIE, ATTACHING GEOTEXTILE TO SILVA CELL AT BASE OF UPPER LEG FLANGE, AS NEEDED
 - ⑪ PLANTING SOIL, PER PROJECT SPECIFICATIONS, PLACED IN LITS AND WALK-ON COMPACTED TO 70% PROCTOR
 - ⑫ COMPLETED BACKFILL, PER PROJECT SPECIFICATIONS
 - ⑬ GEOTEXTILE FABRIC TO EDGE OF FOUNDATION
 - ⑭ PAVEMENT EDGE AT TREE OPENING, REFER TO PROJECT FOR METAL EDGE DETAILS
 - ⑮ SILVA SIP FOR METAL EDGE DETAILS
 - ⑯ PAVEMENT AND AGGREGATE BASE PER PROJECT
 - ⑰ MINIMUM PAVEMENT PROFILE OPTIONS TO MEET CSA-B67.01:
 - 150 MM CONCRETE + 150 MM AGGREGATE
 - 75 MM PAVEMENT + 300 MM AGGREGATE
 - 150 MM ASPHALT + 300 MM AGGREGATE
 - 150 MM PAVEMENT + 150 MM CONCRETE
 - ⑱ DEEPROOT ROOT BARRIER, 300 OR 450 MM DEPTH, DETERMINED BY THICKNESS OF PAVEMENT SECTION, INSTALL STRICTLY ADJACENT TO
 - ⑳ GEOTEXTILE FABRIC, 150MM PERIMETER OF SYSTEM WITH 150MM TIE OUTWARD FROM BASE AND 300MM EXCEEDS OVER TOP OF SEAT
 - ㉑ SOIL TO PREVENT SETTLING
 - ㉒ ROOT BALL
 - ㉓ TREE OPENING TREATMENT, PER PROJECT SPECIFICATIONS
 - ㉔ DEEPROOT WATER AND AIR VENT, WHEN REQUIRED
 - ㉕ UNDERDRAIN SYSTEM, WHEN REQUIRED (LOCATION AND DETAILS BY OTHERS)
 - ㉖ ALL INSTALLATION SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE HEALTH AND SAFETY REGULATIONS
 - ㉗ INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS
 - ㉘ REFER TO SUPPLIER'S SPECIFICATIONS
 - ㉙ DO NOT SCALE DRAWINGS

5 3 TIER SILVA CELL (STANDARD MANUFACTURER DETAIL)
SCALE: 1:30

Diamond Schmitt Architects
384 Adelaide Street West, Suite 100, Toronto, Canada M5V1R7
Tel: 416 862 8800 Fax: 416 962 3308 info@dsai.ca www.dsai.ca

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LANDSCAPE DETAILS
Albert St

Scale: AS NOTED
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Date: -

L9.10 DWG #18176

DOT NUMBER: DOT-72-20-007