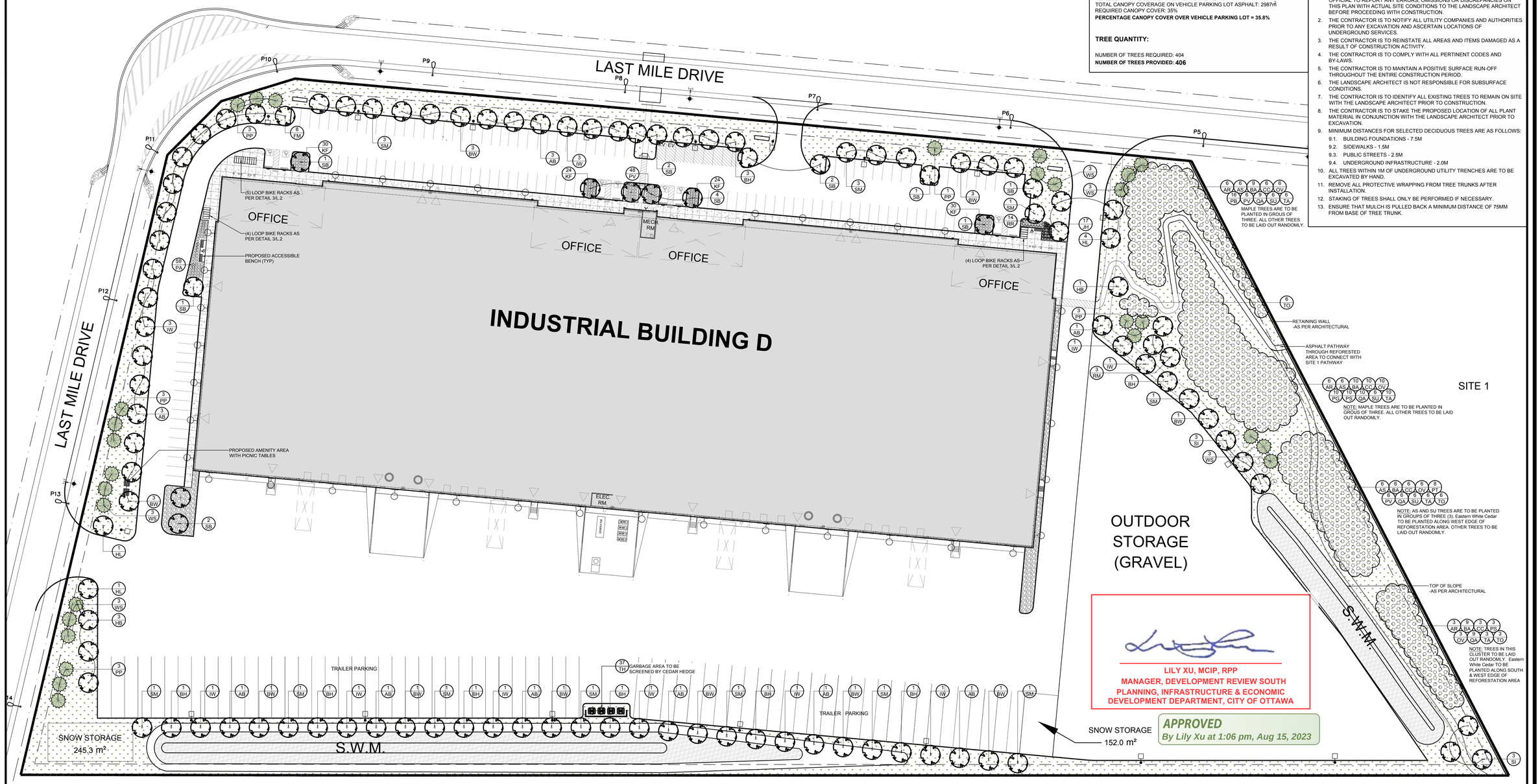

ESTIMATED MATURE CANOPY COVERAGE AT PARKING LOTS:

VEHICLE PARKING LOT ASPHALT TOTAL AREA: 8715m²
TOTAL CANOPY COVERAGE ON VEHICLE PARKING LOT ASPHALT: 2987m²
REQUIRED CANOPY COVER: 35%
PERCENTAGE CANOPY COVER OVER VEHICLE PARKING LOT = 35.8%

TREE QUANTITY:

NUMBER OF TREES REQUIRED: 404
NUMBER OF TREES PROVIDED: 406

GENERAL NOTES:

1. IT IS THE RESPONSIBILITY OF THE APPROPRIATE CONTRACTOR OR OFFICIAL TO REPORT ANY ERRORS, OMISSIONS OR DISCREPANCIES ON THIS PLAN WITH ACTUAL SITE CONDITIONS TO THE LANDSCAPE ARCHITECT BEFORE PROCEEDING WITH CONSTRUCTION.
2. THE CONTRACTOR IS TO NOTIFY ALL UTILITY COMPANIES AND AUTHORITIES PRIOR TO ANY EXCAVATION AND ASCERTAIN LOCATIONS OF UNDERGROUND SERVICES.
3. THE CONTRACTOR IS TO REINSTATE ALL AREAS AND ITEMS DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITY.
4. THE CONTRACTOR IS TO COMPLY WITH ALL PERTINENT CODES AND BY-LAWS.
5. THE CONTRACTOR IS TO MAINTAIN A POSITIVE SURFACE RUN-OFF THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD.
6. THE LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR SUBSURFACE CONDITIONS.
7. THE CONTRACTOR IS TO IDENTIFY ALL EXISTING TREES TO REMAIN ON SITE WITH THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
8. THE CONTRACTOR IS TO STAKE THE PROPOSED LOCATION OF ALL PLANT MATERIAL IN CONJUNCTION WITH THE LANDSCAPE ARCHITECT PRIOR TO EXCAVATION.
9. MINIMUM DISTANCES FOR SELECTED DECIDUOUS TREES ARE AS FOLLOWS:
   - 9.1. BUILDING FOUNDATIONS - 7.5M
   - 9.2. SIDEWALKS - 1.5M
   - 9.3. PUBLIC STREETS - 2.5M
   - 9.4. UNDERGROUND INFRASTRUCTURE - 2.0M
10. ALL TREES WITHIN 1M OF UNDERGROUND UTILITY TRENCHES ARE TO BE EXCAVATED BY HAND.
11. REMOVE ALL PROTECTIVE WRAPPING FROM TREE TRUNKS AFTER INSTALLATION.
12. STAKING OF TREES SHALL ONLY BE PERFORMED IF NECESSARY.
13. ENSURE THAT MULCH IS PULLED BACK A MINIMUM DISTANCE OF 75MM FROM BASE OF TREE TRUNK.

LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, INFRASTRUCTURE & ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED
By Lily Xu at 1:06 pm, Aug 15, 2023

PROPOSED PLANT LIST

QTY
SP

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	SPACING
TREES						
AB	13	*Ulmus davidiana var. japonica 'Prospector'*	Prospector Elm	60mm dia.	B&B	
BH	10	*Gymnocladus dioicus*	Kentucky Coffee Tree	60mm dia.	B&B	
BW	16	*Quercus alba*	White Oak	60mm dia.	B&B	
FM	8	*Acer x freemanii*	Freeman's Maple	60mm dia.	B&B	
HB	4	Celtis occidentalis	Hackberry	60mm dia.	B&B	
HL	6	*Gleditsia tricanthos*	Skyline Honeylocust	60mm dia.	B&B	
IW	14	*Betula alleghaniensis*	Yellow Birch	60mm dia.	B&B	
PP	13	Picea pungens	Colorado Spruce	1800mm Ht.	B&B	
RM	3	*Aesculus hippocastanum*	Horse Chestnut	60mm dia.	B&B	
SB	15	*Amelanchier canadensis*	Serviceberry	60mm dia.	B&B	
SI	6	*Acer saccharinum*	Silver Maple	60mm dia.	B&B	
SM	15	*Populus deltoides*	Eastern Cottonwood	60mm dia.	B&B	
WS	15	Picea glauca	White Spruce	1800mm Ht.	B&B	

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	SPACING
REFOREST AREA TREES						
AR	15	*Acer rubrum*	Red Maple	3.0m Ht.	Potted	3m o.c. random layout
AS	18	*Acer saccharinum*	Silver Maple	3.0m Ht.	Potted	3m o.c. see plan
BA	34	Betula alleghaniensis	Yellow Birch	3.0m Ht.	Potted	3m o.c. random layout
CC	25	Carya cordiformis	Bitternut Hickory	3.0m Ht.	Potted	3m o.c. random layout
OV	25	*Ostrya virginiana*	Ironwood	3.0m Ht.	Potted	3m o.c. random layout
PB	16	*Populus balsamifera*	Balsam Poplar	3.0m Ht.	Potted	3m o.c. random layout
PG	10	*Populus grandidentata*	Large Tooth Aspen	3.0m Ht.	Potted	3m o.c. random layout
PS	13	*Prunus serotina*	Black Cherry	1.0m Ht.	Potted	3m o.c. random layout
PT	8	*Populus tremuloides*	Trembling Aspen	3.0m Ht.	Potted	3m o.c. random layout
PV	12	Prunus virginiana	Chokecherry	2.0m Ht.	Potted	3m o.c. random layout
QA	25	Quercus alba	White Oak	3.0m Ht.	Potted	3m o.c. random layout
SU	18	*Acer saccharum*	Sugar Maple	3.0m Ht.	Potted	3m o.c. see plan
TA	22	*Tilia americana*	Basswood	3.0m Ht.	Potted	3m o.c. random layout
TO	27	*Thuja occidentalis*	Eastern White Cedar	1800mm Ht.	Potted	3m o.c. see plan

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	SPACING
SHRUBS / PERENNIALS						
JH	17	*Juniperus horizontalis* 'Bar Harbor'	Bar Harbor Juniper	600 mm spr.	Potted	800mm o.c.
KF	108	*Calamagrostis x acutiflora 'Karl Foerster'*	Karl Foerster Grass	250mm pot	Potted	800mm o.c.
PA	59	Phalaris arundinacea 'Strawberries & Cream'	Strawberries & Cream Ribbon Grass	250mm pot	Potted	600 mm o.c
PV	48	*Panicum virgatum 'Prairie Fire'*	Prairie Fire Red Switch Grass	100mm pot	Potted	750mm o.c.
RR	14	*Rosa rugosa*	Rugosa Rose	800mm ht.	Potted	800mm o.c.
TH	37	*Thuja occidentalis* 'Hedge'	Eastern White Cedar Hedge	1500mm ht.	Bare root	Space 400mm o.c.

SEED MIXTURES

Latin name	Common name	% of mix	Application & rate
TYPE 1 - TURF GRASS MIX			
Poa prantensis	Kentucky Bluegrass	40%	Terraseed at rate of 180kg/Ha
Festuca rubra	Creeping Red Fescue	40%	
Lolium perenne	Perennial Ryegrass	20%	

LEGEND

- PROPERTY LINE
- PROPOSED DECIDUOUS TREE
- PROPOSED CONIFEROUS TREE
- PROPOSED SHRUBS / ORNAMENTAL GRASSES
- SEED MIX TYPE 1: TURF GRASS MIX
- PROPOSED CONCRETE WALKWAY (BY OTHERS)
- PROPOSED HYDRIC SOIL
- PROPOSED REFORESTATION TREES WITH MULCH

CONSULTANTS

ARCHITECTS: WARE MALCOMB
180 BASE PRO MILLS DRIVE, UNIT 103, VAUGHAN, ONTARIO
Tel : (905) 760-1221

CIVIL ENGINEERS: LRJ ENGINEERING + RESILIENCE

SCALE 1:500 (0 5 10 15 20m)

PROJECT NORTH

CLIENT
AVENUE 31 CAPITAL INC
801-250 City Centre, Ottawa, ON, K1R 6K7
C 613-799-2422

PROJECT
NATIONAL CAPITAL BUSINESS PARK - SITE 2
4120 RUSSEL RD (1100 & 1200 LAST MILE DR), OTTAWA

DRAWING
LANDSCAPE PLAN

No.	Issue	Date MM/DD/YY	DR	CK
5	ISSUED FOR SITE PLAN APPROVAL	12/23/2022	ML	JL
4	ISSUED FOR DISCUSSION & REVIEW	09/19/2022	WF	JL
3	ISSUED FOR SITE PLAN APPROVAL	09/02/2022	WF	JL
2	ISSUED FOR DISCUSSION AND REVIEW	08/25/2022	WF	JL
1	ISSUED FOR DISCUSSION AND REVIEW	08/23/2022	WF	JL

STAMP
ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS — JAMES B. LENNOX — MEMBER

PROJECT NO. 22MIS2277

START DATE AUGUST 2022

DRAWING NO. L.1

JAMES B. LENNOX & ASSOCIATES INC.
LANDSCAPE ARCHITECTS
3332 CARLING AVE. OTTAWA, ONTARIO K2H 5A8
Tel. (613) 722-5168 Fax. 1(866) 343-3942

PLOT SIZE ARCH-D

PLAN NO. 18839

FILE NO. D07-12-22-0125