

TREE PROTECTION REQUIREMENTS:

- PRIOR TO ANY WORK ACTIVITY WITHIN THE CRITICAL ROOT ZONE (CRZ = 10x DIAMETER OF A TREE), TREE PROTECTION FENCING MUST BE INSTALLED SURROUNDING THE CRITICAL ROOT ZONE AND REMAIN IN PLACE UNTIL THE WORK IS COMPLETE.
- UNLESS PLANS ARE APPROVED BY CITY FORESTRY STAFF, FOR WORK WITHIN THE CRZ:
 - DO NOT PLACE ANY MATERIAL OR EQUIPMENT INCLUDING OUTHOUSES
 - DO NOT ATTACH ANY SIGNS, NOTICES OR POSTERS TO ANY TREE.
 - DO NOT RAISE OR LOWER THE EXISTING GRADE, TUNNEL OR BORE WHEN DIGGING.
 - DO NOT DAMAGE THE ROOT SYSTEM, TRUNK OR BRANCHES OF ANY TREE.
 - ENSURE THAT EXHAUST FUMES FROM ALL EQUIPMENT ARE NOT DIRECTED TOWARD ANY TREE CANOPY
 - DO NOT EXTEND HARD SURFACE OR SIGNIFICANTLY CHANGE LANDSCAPING
- TREE PROTECTION FENCING MUST BE AT LEAST 1.2m IN HEIGHT, AND BE CONSTRUCTED OF RIGID OR FRAMED MATERIALS (E.G. MODULOC, STEEL PLYWOOD HOARDING, OR 2x4x4 WOOD FRAME) WITH POSTS 2m APART, SUCH THAT THE FENCE LOCATION CANNOT BE ALTERED. ALL SUPPORTS AND BRACING MUST BE PLACED OUTSIDE OF THE CRZ, AND INSTALLATION MUST MINIMIZE DAMAGE TO EXISTING ROOTS. (SEE DETAIL)
- THE LOCATION OF THE TREE PROTECTION FENCING MUST BE DETERMINED BY AN ARBORIST AND DETAILED ON ANY ASSOCIATED PLANS FOR THE SITE (E.G. TREE CONSERVATION REPORT, TREE DISCLOSURE REPORT, ETC). THE PLAN AND CONSTRUCTED FENCING MUST BE APPROVED BY CITY FORESTRY STAFF PRIOR TO THE COMMENCEMENT OF WORK.
- IF THE FENCED TREE PROTECTION AREA MUST BE REDUCED TO FACILITATE CONSTRUCTION, MITIGATION MEASURES MUST BE PRESCRIBED BY AN ARBORIST AND APPROVED BY CITY FORESTRY STAFF. THESE MAY INCLUDE THE PLACEMENT OF PLYWOOD, WOOD CHIPS OR STEEL PLATING OVER THE ROOTS FOR PROTECTION OR THE PROPER PRUNING AND CARE OF ROOTS WHERE ENCOUNTERED.

BY-LAWS:

ALL CITY-OWNED TREES ARE PROTECTED UNDER THE MUNICIPAL TREES AND NATURAL AREAS PROTECTION BY-LAW (2006-279), WITHIN THE URBAN AREA.

PRIVATELY-OWNED TREES GREATER THAN 50cm IN DIAMETER ON LOTS 1 HECTARE IN SIZE OR LESS, AND TREES GREATER THAN 10cm IN DIAMETER ON LOTS GREATER THAN 1 HECTARE, ARE PROTECTED UNDER THE URBAN TREE CONSERVATION BY-LAW (2009-200).

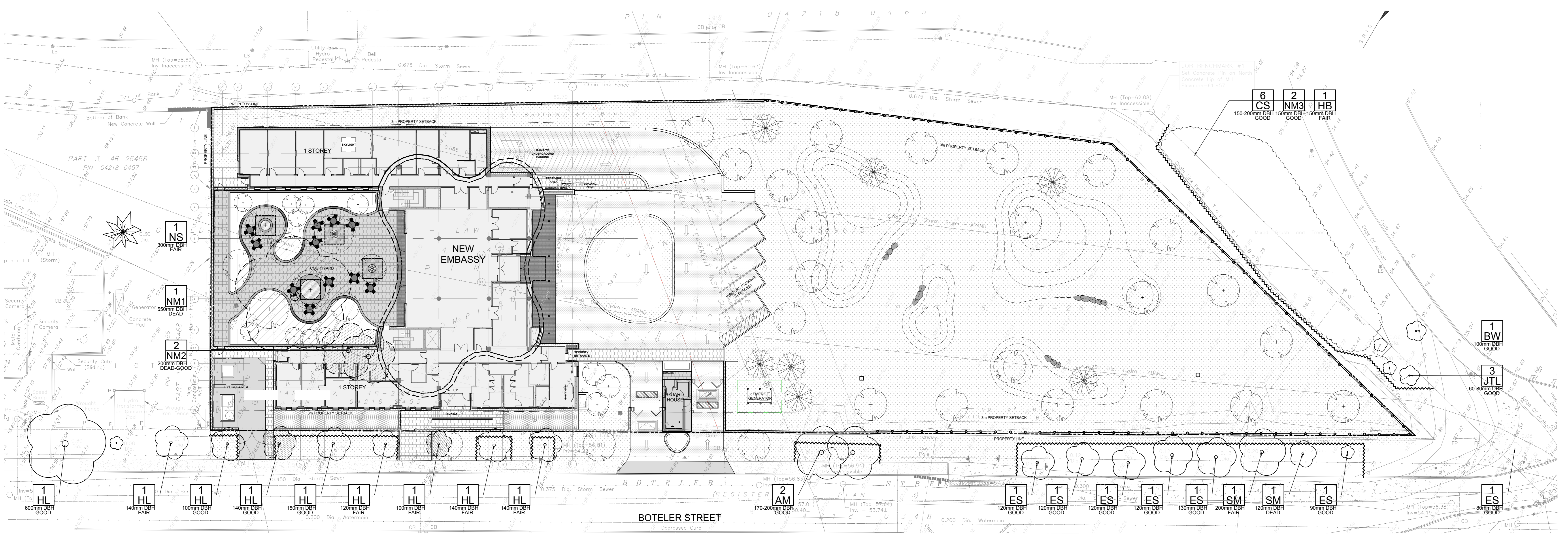
2 TREE PROTECTION FENCING
SCALE 1:20

LEGEND

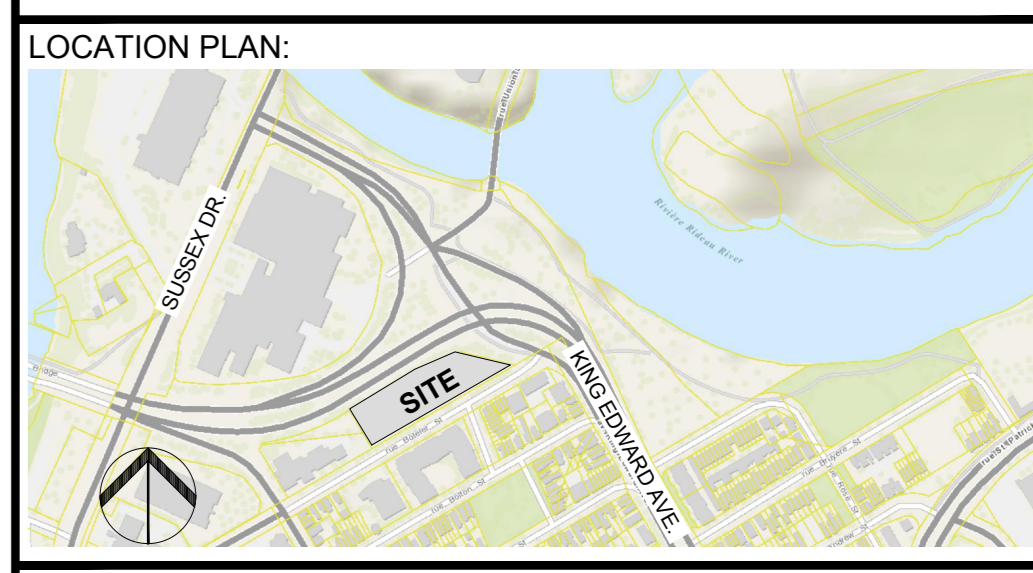
PROPERTY LINE	TYPE I UNIT PAVERS
EXISTING TREE TO BE REMOVED	TYPE II UNIT PAVERS
EXISTING DECIDUOUS TREE TO REMAIN	PROPOSED ASPHALT DRIVEWAY (REFER TO CIVIL)
EXISTING CONIFEROUS TREE TO REMAIN	PROPOSED CONCRETE (REFER TO CIVIL)
EXISTING TREE GROUPING TREE TO REMAIN	PROPOSED REVERSESTONE
PROPOSED DECIDUOUS TREE	PROPOSED SOIL
PROPOSED CONIFEROUS TREE	EXISTING CONCRETE SIDEWALK
TREE PROTECTION FENCING	PROPOSED TABLE & CHAIR SEATING
	PROPOSED C.P. CONCRETE RETAINING WALL
	PROPOSED GRANITE BEATING TOP
	PROPOSED SEATING BOULDERS
	PROPOSED PERIMETER WALL (REFER TO ARCHITECTURAL)
	PROPOSED LINEAR STEEL FENCE (REFER TO ARCHITECTURAL)
	PROPOSED CONTOUR (0.25M)
	PROPOSED CATCH BASIN (REFER TO CIVIL)
	MANHOLE (REFER TO CIVIL)

EXISTING TREE LIST

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS	OWNERSHIP
AM	2	Acer ginnala	Amur Maple	170-200mm DBH	GOOD	TO REMAIN	CITY OF OTTAWA (R.O.W. TREES)
BW	1	Juglans nigra	Black Walnut	100mm DBH	GOOD	TO REMAIN	CITY OF OTTAWA (R.O.W. TREES)
CS	6	Picea pungens	Colorado Spruce	150-200mm DBH	GOOD	TO REMAIN	OUTSIDE PROPERTY LINE
ES	7	Ulmus spp.	Elm Species	80-120mm DBH	FAIR-GOOD	TO REMAIN	CITY OF OTTAWA (R.O.W. TREES)
HB	1	Carya occidentalis	Hickory	150mm DBH	FAIR	TO REMAIN, LEAF GALL	CITY OF OTTAWA
HL	9	Gleditsia triacanthos	Honey Locust	100-600mm DBH	FAIR-GOOD	8 TO REMAIN, 1 TO BE REMOVED	CITY OF OTTAWA (R.O.W. TREES)
JTL	3	Gynura reticulata	Japanese Tree Lilac	60-80mm DBH	GOOD	TO REMAIN	OUTSIDE PROPERTY LINE
NM1	1	Acer platanoides	Norway Maple	150-500mm DBH	DEAD	TO BE REMOVED	PRIVATE (PROJECT SITE - 187 BOTELER STREET)
NM2	2	Acer platanoides	Norway Maple	150-500mm DBH	DEAD-GOOD	TO BE REMOVED	PRIVATE (PROJECT SITE - 187 BOTELER STREET)
NM3	2	Acer platanoides	Norway Maple	150-500mm DBH	GOOD	TO REMAIN	CITY OF OTTAWA
NS	1	Picea abies	Norway Spruce	300mm DBH	FAIR	TO REMAIN	PRIVATE - 125 BOTELER STREET
SM	2	Acer saccharum	Sugar Maple	120-200mm DBH	DEAD-GOOD	TO REMAIN	CITY OF OTTAWA (R.O.W. TREES)



1 TREE CONSERVATION REPORT
SCALE 1:250



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GENERAL NOTES

- 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.
- THE CONTRACTOR IS TO NOTIFY ALL UTILITY COMPANIES AND AUTHORITIES PRIOR TO ANY EXCAVATION AND ASCERTAIN LOCATIONS OF UNDERGROUND SERVICES.
- THE CONTRACTOR IS TO REINSTATE ALL AREAS AND ITEMS DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITY.
- THE CONTRACTOR IS TO COMPLY WITH ALL PESTICIDE CODES AND BY-LAWS.
- THE CONTRACTOR IS TO MAINTAIN A POSITIVE SURFACE RUN-OFF THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD.
- THE LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR SUBSURFACE CONDITIONS.
- THE CONTRACTOR IS TO IDENTIFY ALL EXISTING TREES TO REMAIN ON SITE WITH THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
- THE CONTRACTOR IS TO STAKE THE PROPOSED LOCATION OF ALL PLANT MATERIAL IN CONJUNCTION WITH THE LANDSCAPE ARCHITECT PRIOR TO EXCAVATION.
- MINIMUM DISTANCES FOR SELECTED DECIDUOUS TREES ARE AS FOLLOWS:
 - BUILDING FOUNDATIONS 7.5M
 - SIDEWALKS 1.5M
 - PUBLIC STREETS 2.5M
 - UNDERGROUND INFRASTRUCTURE 2.0M
- ALL TREES WITHIN 1M OF UNDERGROUND UTILITY TRENCHES ARE TO BE EXCAVATED BY HAND.
- REMOVE ALL PROTECTIVE WRAPPING FROM TREE TRUNKS AFTER INSTALLATION.
- STAKING OF TREES SHALL ONLY BE PERFORMED IF NECESSARY.
- ENSURE THAT MULCH IS PULLED BACK A MIN. DISTANCE OF 75MM FROM BASE OF TREE TRUNK.

3			
2			
1	ISSUED FOR SITE PLAN CONTROL APPLICATION	03/01/22	LC JL
No.	Issue	Date	DR CK

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PROJECT

QATAR NEW EMBASSY & CONSULATE
BOTELER STREET
OTTAWA, ON

DRAWING

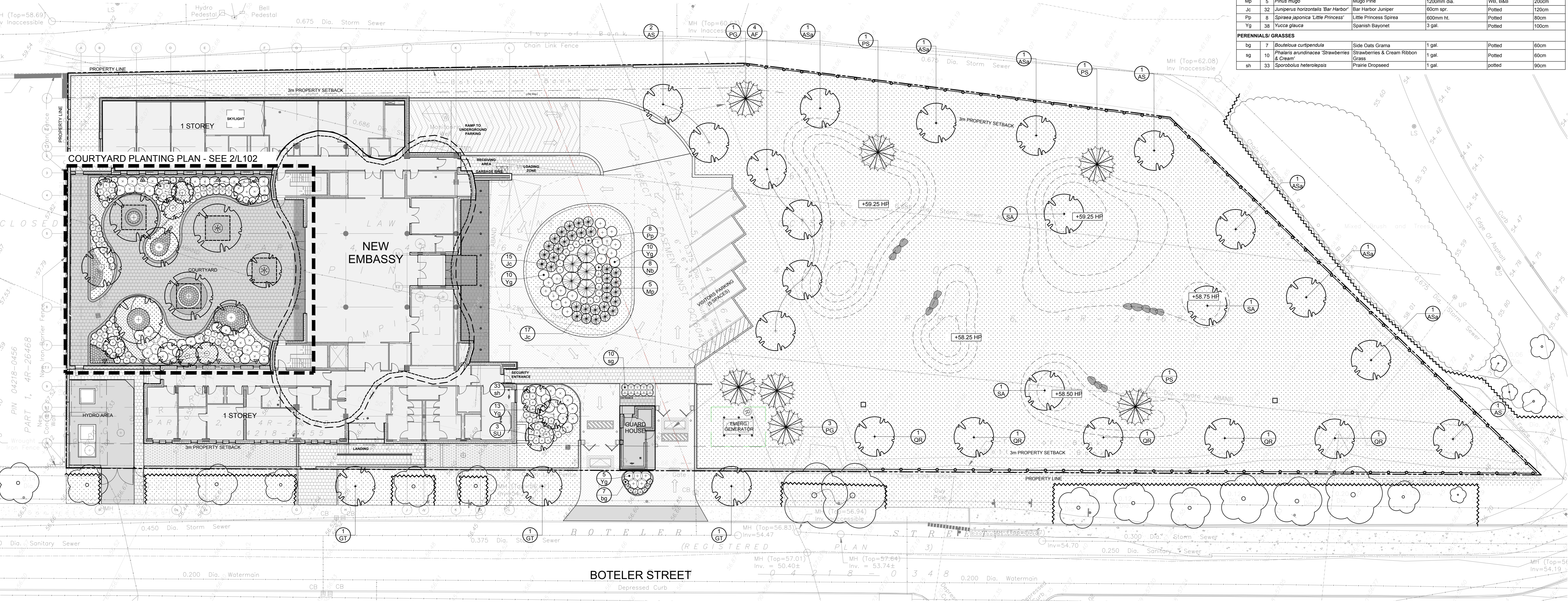
TREE CONSERVATION REPORT

	SCALE
	SEE PLAN
	START DATE
	JUNE, 2019
	PROJECT NO.
	20-GR-2018

PROJECT NORTH	DRAWING NO.
	TCR
	PLOT SIZE A.0

LEGEND

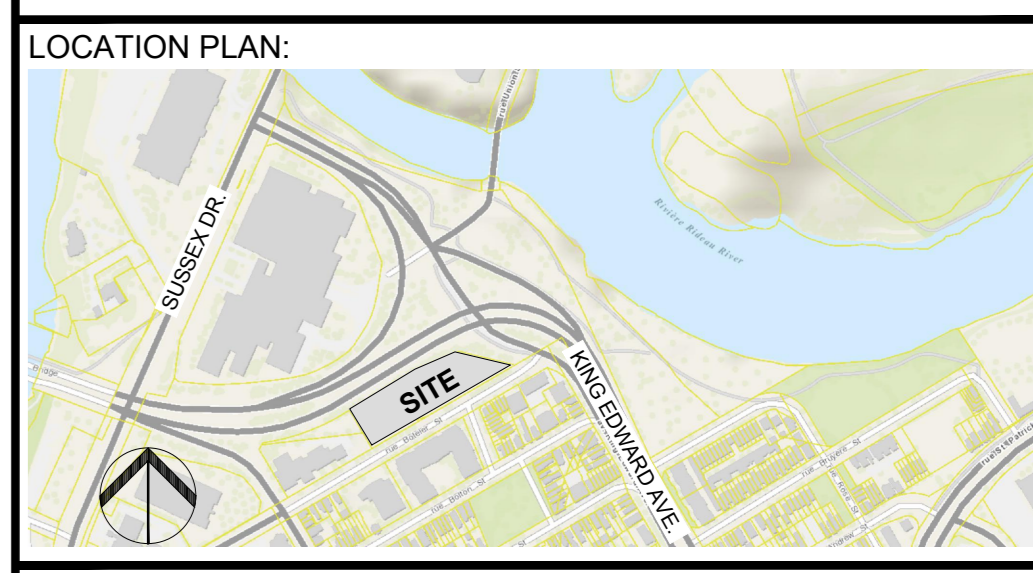
	PROPERTY LINE		C.I.P. CONCRETE RETAINING PLANTER WALL		EXISTING TREE TO REMAIN
	TYPE I UNIT PAVERS		PROPOSED SEATING BOULDERS		DECIDUOUS TREE
	TYPE II UNIT PAVERS		SOLID PERIMETER SECURITY WALL (REFER TO ARCHITECTURAL)		CONIFEROUS TREE
	TYPE III UNIT PAVERS		HIGH SECURITY STEEL MESH FENCING (REFER TO ARCHITECTURAL)		SHRUB & PERENNIAL PLANTING
	ASPHALT DRIVEWAY (REFER TO CIVIL)		PROPOSED BERMS @ 25M INTERVAL		PERENNIAL/GROUNDCOVER PLANTING
	CONCRETE (REFER TO CIVIL)		LANDSCAPE CATCH BASIN (REFER TO CIVIL)		STRUCTURAL SOIL (3000mm x 3000mm)
	PROPOSED RIVERSTONE		CATCH BASIN (REFER TO CIVIL)		EXISTING TREE GROUPING TO REMAIN
	EXISTING CONCRETE SIDEWALK		MANHOLE (REFER TO CIVIL)		
	PROPOSED SIDEWALK		TREE PROTECTION FENCING		
	PROPOSED SIDEWALK		EXISTING TREE GROUPING TO REMAIN		



1 PLANTING PLAN
SCALE 1:200

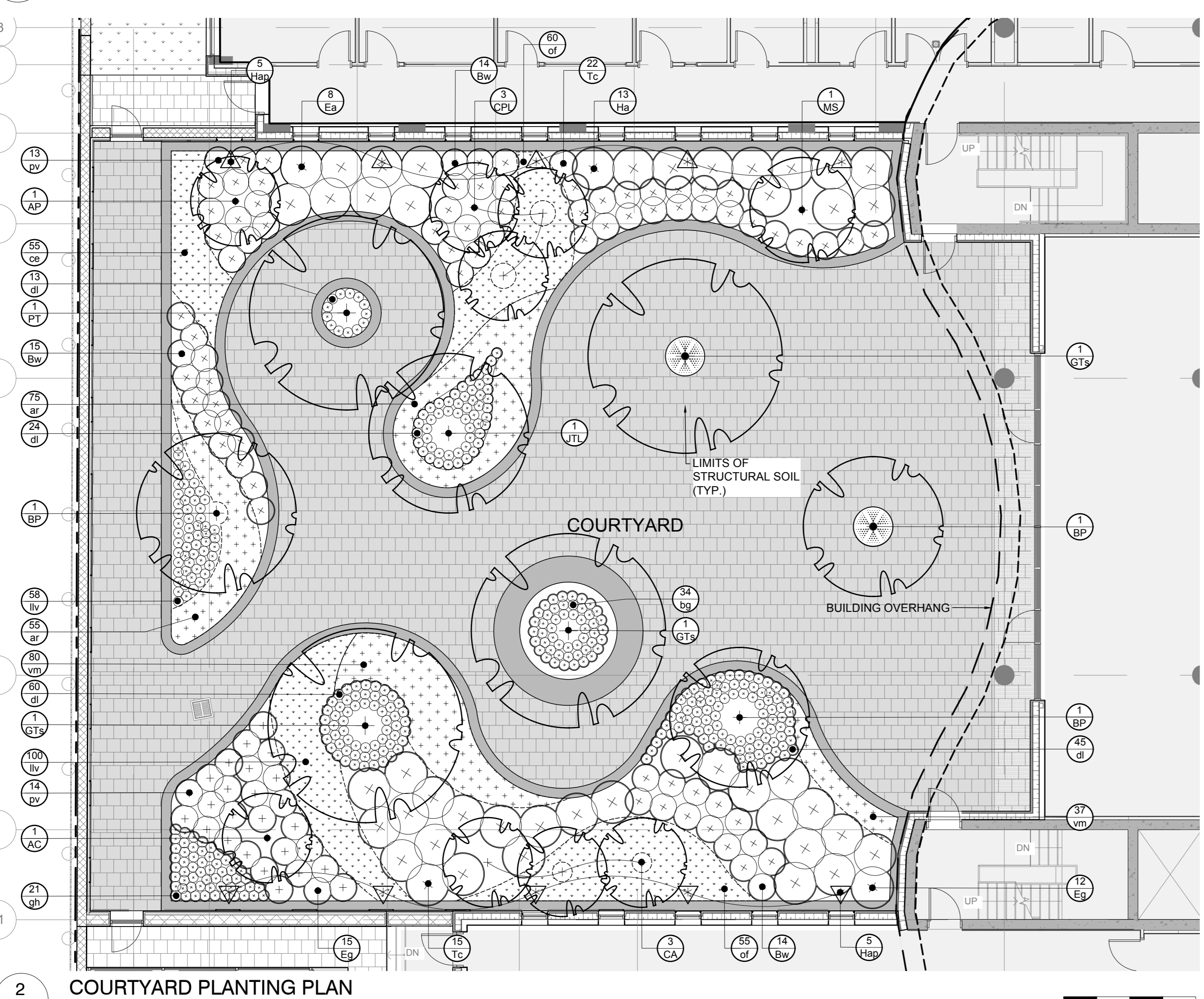
PROPOSED PLANT LIST

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	SPACING
CONIFEROUS TREES						
PG	4	<i>Pinus glauca</i>	White Spruce	250cm	WB	n/a
PS	3	<i>Pinus strobus</i>	Scots Pine	200cm	WB	n/a
DECIDUOUS TREES (LARGE)						
AF	4	<i>Acer freemanii 'Autumn Blaze'</i>	Autumn Blaze Maple	60mm dia.	WB, B&B	n/a
AS	4	<i>Acer saccharum</i>	Sugar Maple	60mm dia.	WB, B&B	n/a
ASa	6	<i>Acer saccharinum</i>	Silver Maple	60mm dia.	WB, B&B	n/a
GT	3	<i>Quercus macrocarpa var. nemora</i>	Street Keeper Honeylocust	60mm dia.	WB, B&B	n/a
QR	5	<i>Quercus rubra</i>	Red Oak	60mm dia.	WB, B&B	n/a
SA	3	<i>Salix alba 'Trista'</i>	Weeping Golden Willow	60mm dia.	WB, B&B	n/a
DECIDUOUS TREES (SMALL)						
SU	3	<i>Rhus typhina</i>	Staghorn Sumac	2000mm	WB, B&B, Specimen	n/a
SHRUBS						
Nb	8	<i>Physocarpus opulifolius</i>	Tiny Wine Ninebark	600mm ht.	Potted	60cm
Mp	6	<i>Pinus mugo</i>	Mugo Pine	1200mm dia.	WB, B&B	200cm
Jc	33	<i>Juniperus horizontalis 'Bar Harbor'</i>	Bar Harbor Juniper	60cm spr.	Potted	120cm
Pp	8	<i>Spiraea japonica 'Little Princess'</i>	Little Princess Spirea	600mm ht.	Potted	80cm
Yg	38	<i>Yucca glauca</i>	Spanish Bayonet	3 gal.	Potted	100cm
PERENNIALS/GRASSES						
lg	7	<i>Bouteloua curtipendula</i>	Side Oats Grama	1 gal.	Potted	60cm
rg	10	<i>Poa annua</i>	Strawberries & Cream Ribbon Grass	1 gal.	Potted	60cm
sh	33	<i>Sporobolus heterolepis</i>	Prarie Dropseed	1 gal.	Potted	90cm



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2 COURTYARD PLANTING PLAN
SCALE 1:100

LEGEND

	TYPE I UNIT PAVERS		TREE GRATE
	TYPE II UNIT PAVERS		PROPOSED LARGE DECIDUOUS TREE 60mm Ø CALIPER
	TYPE III UNIT PAVERS		PROPOSED SMALL DECIDUOUS TREE 15 GALLON POT
	C.I.P. CONCRETE RETAINING PLANTER WALL		SHRUB & PERENNIAL PLANTING
	TREE GRATE		PERENNIAL/GROUNDCOVER PLANTING
	PROPOSED LARGE DECIDUOUS TREE 60mm Ø CALIPER		LANDSCAPE CATCH BASIN (REFER TO CIVIL)
	PROPOSED SMALL DECIDUOUS TREE 15 GALLON POT		STRUCTURAL SOIL (3000mm x 3000mm)
	SHRUB & PERENNIAL PLANTING		
	PERENNIAL/GROUNDCOVER PLANTING		
	LANDSCAPE CATCH BASIN (REFER TO CIVIL)		
	STRUCTURAL SOIL (3000mm x 3000mm)		

PROPOSED PLANT LIST - COURTYARD

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	SPACING
DECIDUOUS TREES (LARGE)						
BP	3	<i>Betula populifolia</i>	Gray Birch	50mm dia.	Clump, WB, Specimen	n/a
GTs	3	<i>Quercus macrocarpa var. nemora</i>	Shademaster Honeylocust	60mm dia.	WB, B&B, Specimen	n/a
PT	1	<i>Populus alba</i>	White Poplar	60mm dia.	WB, Specimen	n/a
DECIDUOUS TREES (SMALL)						
AC	1	<i>Acer palmatum 'Bloodgood'</i>	Bloodgood Japanese Maple	200cm ht.	WB, B&B, Treeform	n/a
AP	1	<i>Acer palmatum 'Bloodgood'</i>	Bloodgood Japanese Maple	200cm ht.	B&B, Specimen	n/a
CA	3	<i>Cornus alternifolia</i>	Pagoda Dogwood	175cm ht., 10 gal.	Potted, Treeform	n/a
CPL	3	<i>Syringa vulgaris 'Katharine Havemeyer'</i>	Katharine Havemeyer Lilac	200cm ht.	WB, B&B	n/a
JTL	1	<i>Syringa reticulata</i>	Japanese Tree Lilac	200cm ht.	WB, B&B	n/a
MS	1	<i>Magnolia stellata 'Royal Star'</i>	Royal Star Magnolia	200cm ht.	B&B, Specimen	n/a
SHRUBS						
Bw	43	<i>Buxus 'Green Velvet'</i>	Green Velvet Boxwood	3 gal.	Potted	
Ea	8	<i>Euroyrmus alatus 'Compactus'</i>	Dwarf Burning Bush	60cm ht.	p	100cm
EG	27	<i>Euroyrmus torreyi 'Silverdust Candy'</i>	Wintercreeper	3 gal.	Potted	
Ha	13	<i>Hydrangea arborescens 'Annabelle'</i>	Annabelle Hydrangea	60cm ht., 7 gal.	Potted	120cm
Tc	57	<i>Taxus cuspidata 'Nana'</i>	Dwarf Japanese Yew	50cm spr.	B&B	90cm
PERENNIALS/GRASSES						
lg	34	<i>Bouteloua gracilis 'Blonde Ambition'</i>	Blonde Ambition Grama Grass	1 gal.	Potted	30cm
ce	55	<i>Carex eburnea</i>	Bristle Leaf Sedge	1 gal.	Potted	20cm
dl	142	<i>Hemerocallis 'Stella D'Or'</i>	Stella D'Or Day Lily	2 gal.	Potted	50cm
gh	21	<i>Hosta 'Guacamole'</i>	Guacamole Hosta	1 gal.	Potted	60cm
lv	158	<i>Convallaria majalis</i>	Lily-of-the-valley	1 gal.	Potted	40cm
pv	27	<i>Panicum virgatum 'Shenandoah'</i>	Shenandoah Switch Grass	1 gal.	Potted	90cm
of	115	<i>Matteuccia struthiopteris</i>	Ostrich Fern	2 gal.	Potted	60cm
GROUND COVER						
ar	130	<i>Aster reptans</i>	Bugleweed	1 gal.	Potted	40cm
vm	117	<i>Vinca minor</i>	Periwinkle	18cm	pan	40cm
VINES						
Hap	10	<i>Hydrangea anomala petiolaris</i>	Climbing Hydrangea	15 gal.	Potted, Staked	n/a

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PROJECT
QATAR NEW EMBASSY & CONSULATE
BOTELER STREET
OTTAWA, ON

DRAWING
LANDSCAPE PLAN

	SCALE
	SEE PLAN
	START DATE
	JUNE, 2019
	PROJECT NO.
	20-GR-2018

PROJECT NORTH

DRAWING NO.
L102
PLOT SIZE A.0