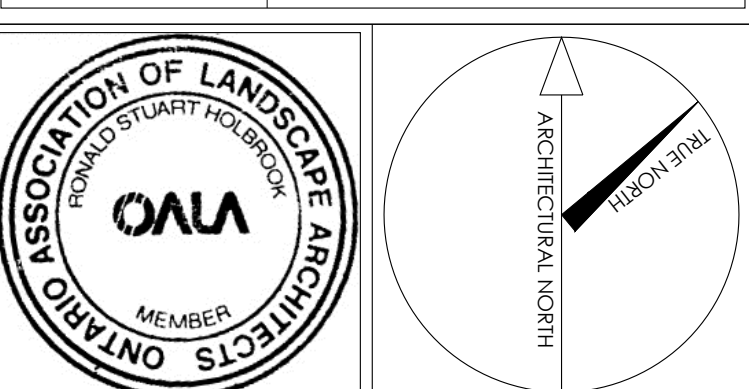


2	2020-08-10	ISSUED FOR OPA/ZBA
1	2020-07-13	ISSUED FOR CO-ORDINATION AND CIRCULATION
NO DATE	REVISION	

HOLBROOK + ASSOCIATES
Landscape Architects Inc.
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PROJECT:
RESIDENTIAL BUILDING
1140 YONGE STREET
TORONTO, ONTARIO

SHEET TITLE:
LANDSCAPE CONCEPT

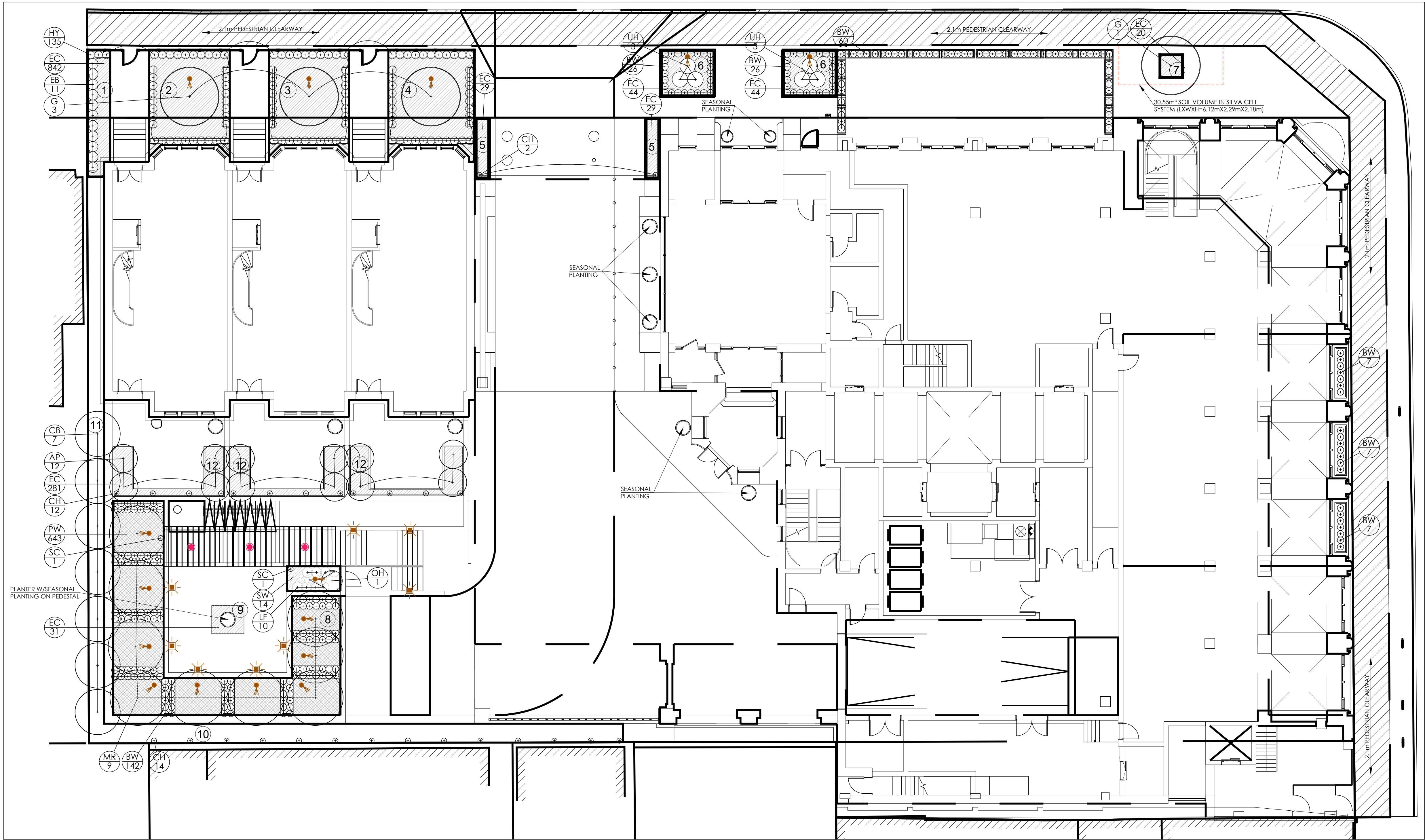
JOB NUMBER:	SHEET NO.:
PRINT DATE: August 27, 2020	C1
SCALE: 3/8"=1'-0"	
DRAWN: M. B.	
CHECKED: R. H.	

PLANTING SCHEDULE						
DECIDUOUS TREES						
EB	11	Fagus sylvatica	EUROPEAN GREEN BEECH	80mm CAL. WB	HEDGE, 24" O.C.	NO
CB	7	Fagus sylvatica 'Dawcyck Green'	COLUMNAR GREEN BEECH	150mm CAL. WB		NO
G	4	Gingko biloba	GINGKO	100mm CAL. WB		NO
AP	12	Acer palmatum 'Twombly's'	JAPANESE MAPLE 'TWOMBLY'S'	C5		NO
MR	9	Malus sp. 'Royal raindrops'	MALUS 'ROYAL RAINDROPS'	100mm CAL. WB		YES
DECIDUOUS SHRUBS						
BW	275	Buxus koreana 'Green velvet'	GREEN VELVET BOXWOOD	50cm HT.	15" O.C.	YES
OH	1	Hydrangea quercifolia	OAK LEAF HYDRANGEA	100 cm HT	B+B	NO
UH	6	Hydrangea paniculata 'Unique'	'UNIQUE' HYDRANGEA	100 cm HT	B+B	NO
EVERGREEN SHRUBS						
HY	135	Taxus x media	HILL'S YEW	90cm HT.	B+B	YES
GROUND COVERS AND GRASSES						
EC	1320	Euonymus fortunei 'Colorata'	COLORATA EUONYMUS	1 GAL.	POTTED 12" O.C.	YES
PW	643	Vinca minor	PERIWINKLE	1 GAL.	POTTED 12" O.C.	YES
SW	14	Galium odoratum	SWEET WOODRUFF	1 GAL.	POTTED 12" O.C.	YES
FERNS						
LF	10	Athyrium filix-femina	LADY FERN	1 GAL.	24" O.C.	NO
CLIMBERS/VINES						
CH	28	Hydrangea petiolaris	CLIMBING HYDRANGEA	5 GAL. ON TRELLIS	7' O.C.	NO
SC	2	Clematis paniculata	SWEET AUTUMN CLEMATIS	5 GAL. POTTED		YES
TOTAL 2477 (19 NATIVE + 2458 NON-NATIVE PLANTS)						

Soil Area	Soil Area	Soil Depth	Soil Volume	Tree	Soil Volume	Irrigation
	(m ²)	(m)*	(m ³)	Quantity	per tree (m ³)	provided (Yes/No)
2	17	1.8	30.55	1	30.55	Yes
3	17	1.8	30.55	1	30.55	Yes
4	17	1.8	30.55	1	30.55	Yes
7	16	1.9	30.55	1	30.55	Yes
8	74.11	1.9	274.95	9	30.55	Yes
11	44.5	3.14	140	7	20.00	Yes
Totals	185.61	12.34	537	20	172.75	

LEGEND:		UHI NON-ROOF HARDSCAPE:	
	UPLIGHT IN PLANTING	TOTAL NON-ROOF HARDSCAPE INCLUDING AREAS THAT ARE SHADED AND UN-SHADED (m ²)	862.7m ²
	FLUSH-MOUNTED WALL AND STEP LIGHT	TGS REQUIREMENT FOR UHI HARDSCAPOE TREATMENT	647.0m ² (75% OF TOTAL NON-ROOF HARDSCAPE)
	DOWN LIGHTING FROM SHADE STRUCTURE	HIGH ALBEDO PAVING MATERIALS (m ²)	181.78m ² (MIN. SRI OF 29 OR INITIAL SOLAR REFLECTANCE OF 0.33)
NOTE: ALL OUTDOOR LIGHTING SHALL BE DONE DARK SKY COMPLIANT, AND TURNED OFF BETWEEN 11pm AND 6am		OPEN GRID PAVEMENT WITH AT LEAST 50% PERVIOUSNESS	28.1m ²
		SHADE FROM EX. TREE CANOPY OR NEW TREE WITHIN 10 YEARS OF INSTALLATION	0.0m ²
		SHADE FROM ARCHITECTURAL STRUCTURES	543.8m ²
		TOTAL TREATED AREA	753.68m ² (87% COMPLIANT)

IRRIGATION NOTE:
WATERING PROGRAM WILL BE PROVIDED FOR TREES WITHIN THE FIRST TWO YEARS OF OPERATION.



1 PLANTING PLAN

SCALE: 3/32" = 1'-0"

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ASSOCIATION OF LANDSCAPE ARCHITECTS
ONTARIO
MEMBER

ARCHITECTURAL NORTH

PROJECT:
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1140 YONGE STREET
TORONTO, ONTARIO

SHEET TITLE:
LANDSCAPE PLANTING
AND LIGHTING PLAN

JOB NUMBER:	
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