

CONTRACTOR MUST VERIFY ALL DIMENSIONS ON THE JOB AND REPORT ANY DISCREPANCY TO THE LANDSCAPE ARCHITECT BEFORE PROCEEDING WITH THE WORK.

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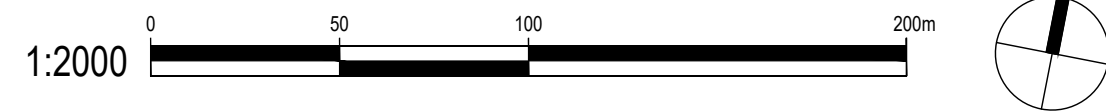
20 Champlain Blvd. Suite 102 - Toronto ON - M3H 2Z1 info@studiot1a.ca www.studiot1a.ca

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PROJECT	
COVER SHEET	
DRAWING	

LC-000

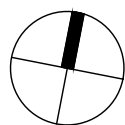
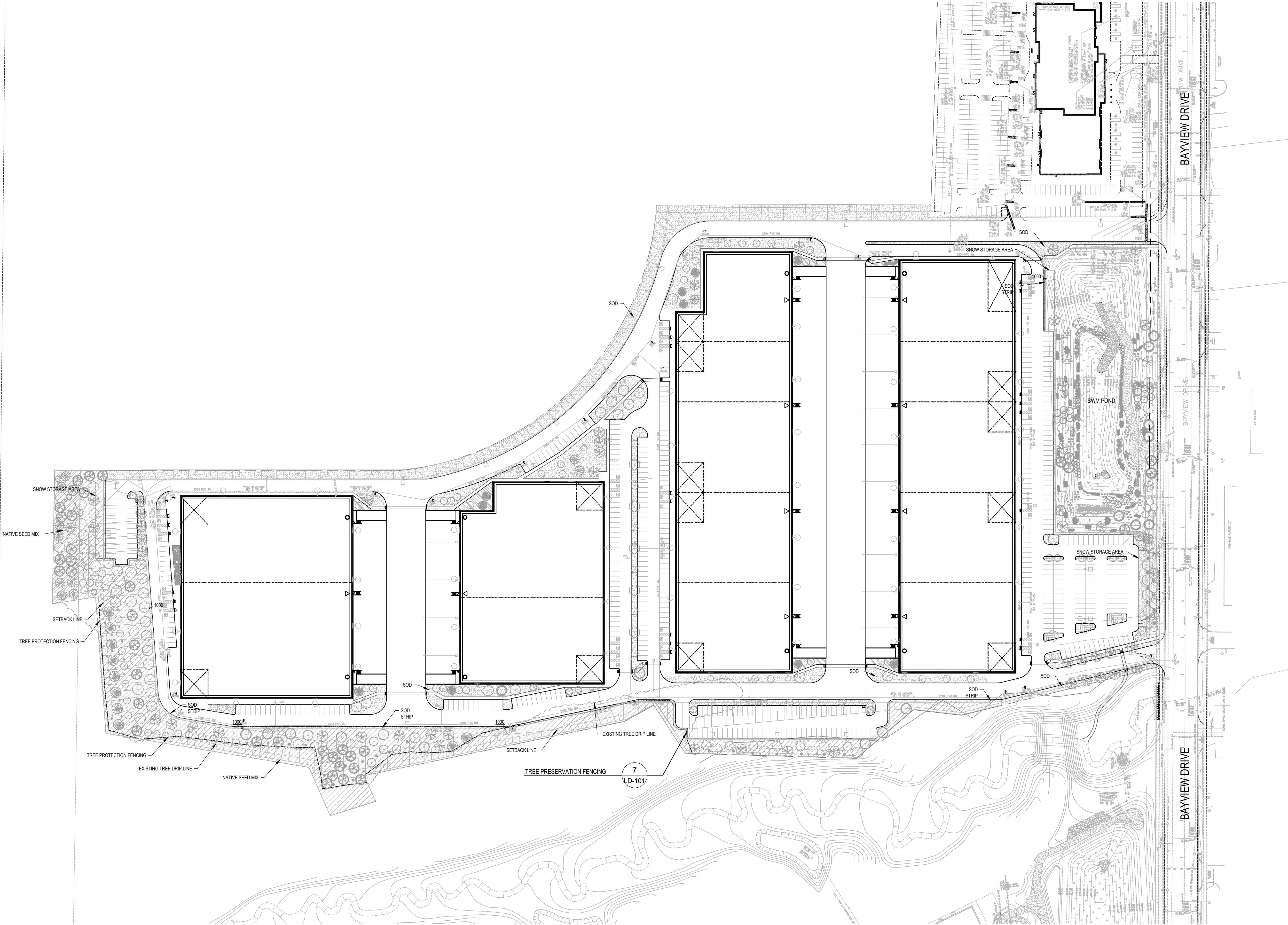
Sheet Number	Sheet Title
LP-101	PLANTING PLAN
LP-103	SWM POND SEED PLAN
LP-100	LANDSCAPE PLAN
LC-000	COVER SHEET
LP-102	SWM POND PLANTING PLAN
LD-101	LANDSCAPE DETAILS



April 29, 2022 12:17 PM I:\01-PROJECTS\2022\22-116 PARK PLACE INDUSTRIAL CAD\01-CURRENT\PILOT\02-SPA\02-16 LANDSCAPE PLAN.DWG

HIGHWAY 400

HIGHWAY 400



NOT FOR CONSTRUCTION

LEGEND
ALL ITEMS ARE TO
BE PROVIDED UNLESS
OTHERWISE NOTED

- DECIDUOUS TREE
- CONIFEROUS TREE
- CONTINUOUS SHRUB BED
- AQUATIC AREA
- 8190-STORMWATER POND MIXTURE
- 6850-SIMCOE COUNTY NATIVE SEED MIX
- SOD
- TREE PROTECTION FENCING
- PLANT KEY
- DETAIL KEY

1	ISSUED FOR SPA	2022-04-29	JB
no.	revision	date	by

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CLIENT
PARK PLACE INDUSTRIAL

PROJECT
BARRIE, ONTARIO
LANDSCAPE PLAN

DRAWING
DRAWN: JB
CHECKED:
SCALE: AS SHOWN
DATE: 2022-03-01
PROJECT NO.: 22-116

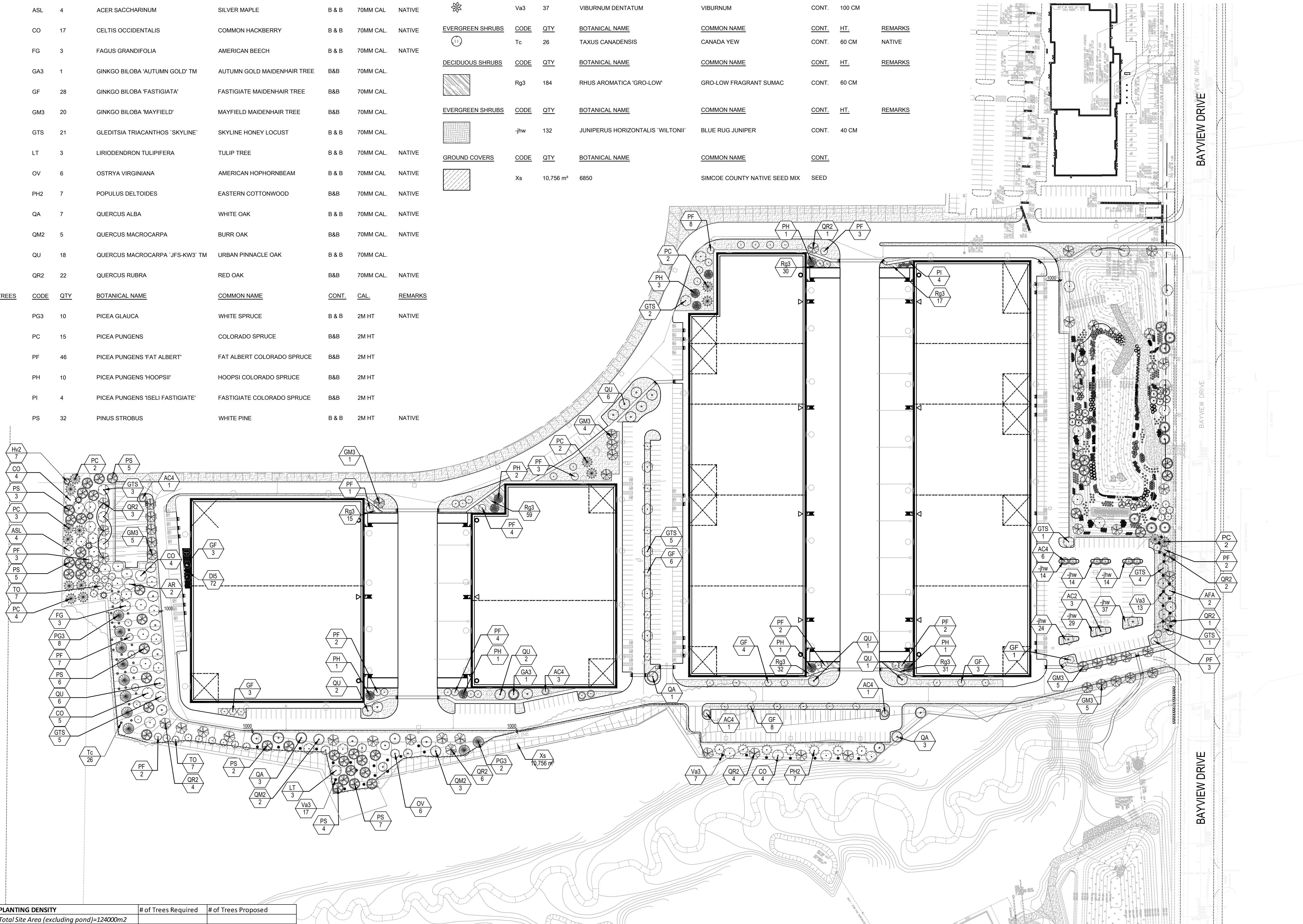
SHEET NO.: **LP-100**



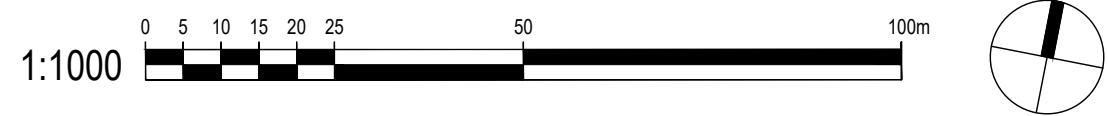
PLANT SCHEDULE INDUSTRIAL SITE (EXCLUDING POND)

DECIDUOUS TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	CAL.	REMARKS
	AFA	2	ACER FREEMANII 'ARMSTRONG'	FREEMAN MAPLE	B & B	70MM CAL.	
	AC2	3	ACER PLATANOIDES 'CRIMSON KING'	CRIMSON KING NORWAY MAPLE	B&B	70MM CAL.	
	AR	2	ACER RUBRUM	RED MAPLE	B & B	70MM CAL.	NATIVE
	ASL	4	ACER SACCHARINUM	SILVER MAPLE	B & B	70MM CAL.	NATIVE
	CO	17	CELTIS OCCIDENTALIS	COMMON HACKBERRY	B & B	70MM CAL.	NATIVE
	FG	3	FAGUS GRANDIFOLIA	AMERICAN BEECH	B & B	70MM CAL.	NATIVE
	GA3	1	GINKGO BILOBA 'AUTUMN GOLD' TM	AUTUMN GOLD MAIDENHAIR TREE	B&B	70MM CAL.	
	GF	28	GINKGO BILOBA 'FASTIGIATA'	FASTIGIATE MAIDENHAIR TREE	B&B	70MM CAL.	
	GM3	20	GINKGO BILOBA 'MAYFIELD'	MAYFIELD MAIDENHAIR TREE	B&B	70MM CAL.	
	GTS	21	GLEDITSIA TRIACANTHOS 'SKYLINE'	SKYLINE HONEY LOCUST	B & B	70MM CAL.	
	LT	3	LIRIODENDRON TULIPIFERA	TULIP TREE	B & B	70MM CAL.	NATIVE
	OV	6	OSTRYA VIRGINIANA	AMERICAN HOPHORNBEAM	B & B	70MM CAL.	NATIVE
	PH2	7	POPULUS DELTOIDES	EASTERN COTTONWOOD	B&B	70MM CAL.	NATIVE
	QA	7	QUERCUS ALBA	WHITE OAK	B & B	70MM CAL.	NATIVE
	QM2	5	QUERCUS MACROCARPA	BURR OAK	B&B	70MM CAL.	NATIVE
	QU	18	QUERCUS MACROCARPA 'JFS-KW3' TM	URBAN PINNACLE OAK	B & B	70MM CAL.	
	QR2	22	QUERCUS RUBRA	RED OAK	B&B	70MM CAL.	NATIVE
EVERGREEN TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	CAL.	REMARKS
	PG3	10	PICEA GLAUCA	WHITE SPRUCE	B & B	2M HT	NATIVE
	PC	15	PICEA PUNGENS	COLORADO SPRUCE	B&B	2M HT	
	PF	46	PICEA PUNGENS 'FAT ALBERT'	FAT ALBERT COLORADO SPRUCE	B&B	2M HT	
	PH	10	PICEA PUNGENS 'HOOPSII'	HOOPSII COLORADO SPRUCE	B&B	2M HT	
	PI	4	PICEA PUNGENS 'ISELI FASTIGIATE'	FASTIGIATE COLORADO SPRUCE	B&B	2M HT	
	PS	32	PINUS STROBUS	WHITE PINE	B & B	2M HT	NATIVE

DECIDUOUS SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	HT.	REMARKS
	AC4	12	AMELANCHIER CANADENSIS	CANADIAN SERVICEBERRY	B&B	100 CM	TREE FORM, NATIVE
	DI5	72	DIERVILLA LONICERA	DWARF BUSH HONEYSUCKLE	CONT.	60 CM	NATIVE
	Hv2	7	HAMAMELIS VIRGINIANA	COMMON WITCH HAZEL	CONT.	100 CM	NATIVE
	Va3	37	VIBURNUM DENTATUM	VIBURNUM	CONT.	100 CM	
EVERGREEN SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	HT.	REMARKS
	Tc	26	TAXUS CANADENSIS	CANADA YEW	CONT.	60 CM	NATIVE
DECIDUOUS SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	HT.	REMARKS
	Rg3	184	RHUS AROMATICA 'GRO-LOW'	GRO-LOW FRAGRANT SUMAC	CONT.	60 CM	
EVERGREEN SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	HT.	REMARKS
	-jhw	132	JUNIPERUS HORIZONTALIS 'WILTONII'	BLUE RUG JUNIPER	CONT.	40 CM	
GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.		
	Xs	10,756 m²	6850	SIMCOE COUNTY NATIVE SEED MIX	SEED		



PLANTING DENSITY	# of Trees Required	# of Trees Proposed
Total Site Area (excluding pond)=124000m2		
Deciduous Trees (=124000/800)	155	169
Coniferous Trees (=124000/1000)	124	131
Deciduous Shrubs (=124000/400)	310	313
Coniferous Shrubs (=124000/800)	155	158



NOT FOR CONSTRUCTION

LEGEND	ALL ITEMS ARE TO BE PROVIDED UNLESS OTHERWISE NOTED
	DECIDUOUS TREE
	CONIFEROUS TREE
	CONTINUOUS SHRUB BED
	AQUATIC AREA
	8190-STORMWATER POND MIXTURE
	6850-SIMCOE COUNTY NATIVE SEED MIX
	SOD
	TREE PROTECTION FENCING
	PLANT KEY
	DETAIL KEY

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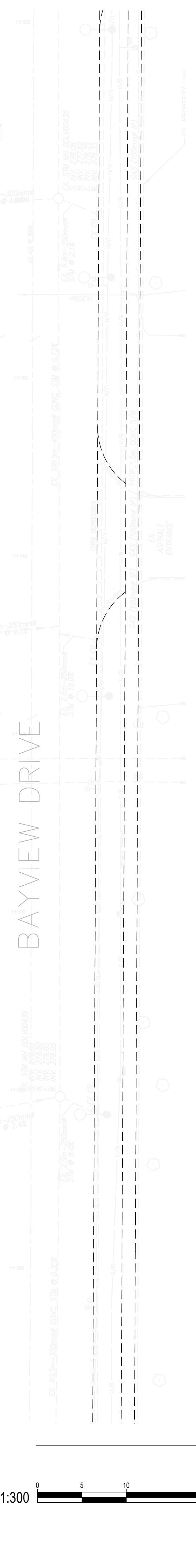
CLIENT
PARK PLACE INDUSTRIAL

PROJECT
BARRIE, ONTARIO
PLANTING PLAN

DRAWING
DRAWN: JB
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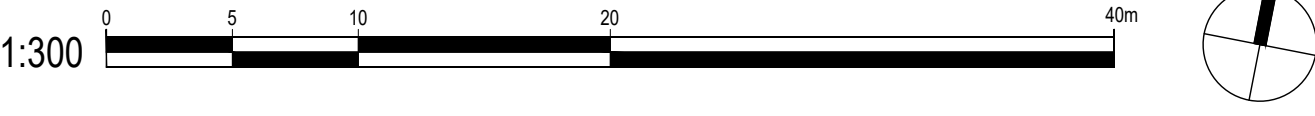


SHEET NO.: LP-101

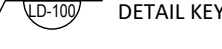
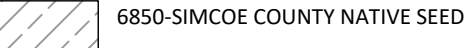


<u>DECIDUOUS TREES</u>	<u>CODE</u>	<u>QTY</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>CONT.</u>	<u>CAL.</u>	<u>REMARKS</u>
	AR2	7	ACER RUBRUM	RED MAPLE	POT	100CM HT.	NATIVE
	CO	9	CELTIS OCCIDENTALIS	COMMON HACKBERRY	B & B	70MM CAL.	NATIVE
	CA4	14	CORNUS ALTERNIFOLIA	PAGODA DOGWOOD	CONT.	100CM HT.	3 CLUMP NATI
	QB2	8	QUERCUS BICOLOR	SWAMP WHITE OAK	B&B	70MM CAL.	NATIVE
	QR2	8	QUERCUS RUBRA	RED OAK	B&B	70MM CAL.	NATIVE
<u>EVERGREEN TREES</u>	<u>CODE</u>	<u>QTY</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>CONT.</u>	<u>CAL.</u>	<u>REMARKS</u>
	AB2	5	ABIES BALSAMEA	BALSAM FIR	B&B	2M HT	NATIVE
	PS	3	PINUS STROBUS	WHITE PINE	B & B	2M HT	NATIVE
	TO	5	THUJA OCCIDENTALIS	WHITE CEDAR	B & B	2M HT	NATIVE
	TO2	5	THUJA OCCIDENTALIS	AMERICAN ARBORVITAE	POT	100CM HT.	NATIVE
<u>DECIDUOUS SHRUBS</u>	<u>CODE</u>	<u>QTY</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>CONT.</u>	<u>HT.</u>	<u>REMARKS</u>
	Co2	30	CEPHALANTHUS OCCIDENTALIS	BUTTONBUSH	CONT.	60 CM	NATIVE
	cos	6	CORNUS STOLONIFERA	RED OSIER DOGWOOD	CONT.	60 CM	NATIVE
	dlh	88	DIERVILLA LONICERA	DWARF BUSH HONEYSUCKLE	CONT.	60 CM	NATIVE
	Hp	78	HYPERICUM PROLIFICUM	BROOMBRUSH	CONT.	60 CM	NATIVE
	lw	43	ILEX VERTICILLATA	WINTERBERRY	CONT.	60 CM	NATIVE
	Mg2	61	MYRICA GALE	SWEETGALE	CONT.	60 CM	NATIVE
	Rp2	37	ROSA PALUSTRIS	SWAMP ROSE	CONT.	60 CM	NATIVE
	sd	18	SALIX DISCOLOR	PUSSY WILLOW	CONT.	60 CM	NATIVE
	spn	64	SAMBUCUS CANADENSIS	ELDERBERRY	CONT.	60 CM	NATIVE
	Sm2	66	SPIRAEA ALBA	MEADOWSWEET	CONT.	60 CM	NATIVE
	vt	30	VIBURNUM TRILOBUM	AMERICAN CRANBERRYBUSH	CONT.	60 CM	NATIVE
<u>PERENNIALS</u>	<u>CODE</u>	<u>QTY</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>CONT.</u>	<u>HT.</u>	<u>REMARKS</u>
	Cb4	105	CAREX BEBBII	BEBB'S SEDGE	1 GAL.		NATIVE
	Cc3	60	CAREX CRINITA	FRINGED SEDGE	1 GAL.		NATIVE
	Iv2	103	IRIS VERSICOLOR	BLUE FLAG	1 GAL.		NATIVE
	Lc	36	LOBELIA CARDINALIS	CARDINAL FLOWER	1 GAL.		NATIVE
	rh	210	RUDBECKIA HIRTA	BLACK-EYED SUSAN	1 GAL.		NATIVE
	vs	141	VERBENA STRICTA	HOARY VERVAIN	1 GAL.		NATIVE
<u>GROUND COVERS</u>	<u>CODE</u>	<u>QTY</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>CONT.</u>		
	Xs	2,938 m²	6850	SIMCOE COUNTY NATIVE SEED MIX	SEED		
	Xo	3,676 m²	8190	STORMWATER POND NATIVE SEED MIXTURE	SEED		

SWM POND PLANTING PLAN 1
1:300 LP-100



SHEET NO.: LP-102



AQUATICS WITHIN PERMANENT POOL: PROVIDE 0.30 METERS OF TOPSOIL FOR THE FIRST(1.0) METER BELOW THE PERMANENT WATER LEVEL.

MONITORING: THE PERMANENT WATER ELEVATION IN THE SWM POND SHOULD BE OBSERVED TWICE A YEAR FOR APPROXIMATELY TWO (2) YEARS BY THE DESIGN ENGINEER AND LANDSCAPE ARCHITECT TO ENSURE THAT THE FACILITY IS FUNCTIONING AS DESIGNED, PRIOR TO PLANTING AQUATICS (OTHER THAN TEMPORARY PLANTING OF CATTAILS IN SEDIMENT FOREBAY) IN ORDER TO ALLOW TIME FOR CONDITIONS IN THE POND TO STABILIZE. A TWO YEAR GUARANTEE OF THE PLANTED MATERIAL IS REQUIRED.

STABILIZATION: STABILIZE TOPSOIL WITHIN THE CONSTRUCTION YEAR'S GROWING SEASON, IF THIS CANNOT BE ACHIEVED, THEN TOPSOIL SHOULD NOT BE SPREAD UNTIL THE FOLLOWING SPRING AND SOME INTERIM STABILIZATION MEASURE SHOULD BE USED TO PREVENT EROSION OF GRADED SUBSTRATE. STABILIZE TOPSOIL PRIOR TO PLANTING WOODY MATERIAL USING AN OTONABEE REGION CONSERVATION AUTHORITY APPROVED SEED MIX. SEED MIXES TO BE INSTALLED HYDRAULICALLY WITH SOIL GROUND BONDED FIBRE MATRIX BY FIBRA MULCH (905 761-6969) FOR SLOPE STABILIZATION. UPON COMPLETION OF GRADING AND TOPSOIL INSTALLATION, STABILIZATION OF TOPSOIL WITH SEED MIX INSTALLATION MUST OCCUR WITHIN 24 HOURS.

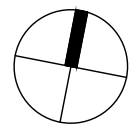
SEED MIX PREPARATION: GRADE SUB-GRADE, ELIMINATE UNEVEN AREAS AND LOW SPOTS, ENSURE POSITIVE DRAINAGE. REMOVE DEBRIS, ROOTS, BRANCHES, STONES IN EXCESS OF 50MM DIAMETER AND OTHER DELETERIOUS MATERIALS. REMOVE SUBSOIL THAT HAS BEEN CONTAMINATED WITH OIL, GASOLINE OR CALCIUM CHLORIDE, DISPOSE OF REMOVED MATERIAL AS DIRECTED BY LANDSCAPE ARCHITECTS.

GRADE SUB-GRADE FOR HYDRO-SEEDING TO A UNIFORM SURFACE AND REMOVE VEGETATION WHICH MAY INTERFERE WITH SEEDING OPERATIONS. LOOSEN SOIL TO DEPTH OF 25MM MINIMUM AND REMOVE STONES AND FOREIGN MATERIAL WHICH PROTRUDE MORE THAN 75MM ABOVE THE SURFACE.

ALL AREAS TO BE HYDROSEED TO RECEIVE 100mm OF TOPSOIL.

MAINTENANCE: SEEDED AREAS TO BE MAINTAINED BY CONTRACTOR ENSURING ADEQUATE WATER, FERTILIZER, MAINTENANCE AND REPAIR UNTIL SEEDED AREAS ARE PROPERLY ESTABLISHED. AREAS SEEDED IN FALL WILL BE ACCEPTED IN FOLLOWING SPRING, ONE MONTH AFTER START OF GROWING SEASON PROVIDED ACCEPTANCE CONDITIONS ARE FULFILLED.

NOTE: DO NOT APPLY FERTILIZERS TO SEED MIXES OR WILDLIFE
REPELLANT FOR PLANTINGS WITHIN 30M OF THE AREAS OF PROVINCIAL
INTEREST.

[illegible]

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PARK PLACE INDUSTRIAL

BARRIE, ONTARIO

SWM POND SEED PLAN

DRAWING

DRAWN: _____

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SHEET NO.:



[illegible]

ALL SHRUB AND TREE MATERIAL SHALL BE CONTAINER GROWN, POTTED, S/B OR B/B, UNLESS OTHERWISE NOTED. BARE ROOT PLANTING SHALL BE ACCEPTABLE FOR CERTAIN SPECIES DURING EARLY SPRING OR LATE FALL PLANTING SEASON. CONTRACTOR SHALL MAKE REQUESTS FOR ROOT CONDITION SUBSTITUTION IN WRITING TO THE LANDSCAPE ARCHITECT PRIOR TO COMMENCEMENT OF PLANTING OPERATIONS. ALL PLANT MATERIAL TO BE CLAY GROWN STOCK UNLESS OTHERWISE NOTED.

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