

AQUATIC PLANTINGS IN SWM POND 'B'

			FOREBAY							SWM POND WET CELL												
ZONE	SPECIES	AREA:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	TOTAL QTY.	SIZE	SPACING		
ZONE 2 - INTERIM VEGETATION PLANTED IN WATER DEPTHS AS SHOWN																						
(Robust)	COMMON CATTAIL (<i>Typha latifolia</i>)		35	35	35	35	35	35	35	-	-	-	-	-	-	-	-	245	PLUG	400mm		
ZONE 2 - EMERGENT SPECIES PLANTED IN WATER DEPTHS OF LESS THAN 0.5m																						
(Robust)	AMERICAN GREAT BULRUSH (<i>Schoenoplectus tabernaemontani</i>)		-	-	-	-	-	-	-	20	15	15	15	20	20	15	15	135	PLUG	400mm		
(Broad)	BROAD-LEAVED ARROWHEAD (<i>Sagittaria latifolia</i>)		-	-	-	-	-	-	-	20	20	15	15	15	20	15	15	135	PLUG	400mm		
(Broad)	NORTHERN WATER-PLANTAIN (<i>Alisma triviale</i>)		-	-	-	-	-	-	-	15	20	20	15	15	15	20	15	135	PLUG	400mm		
(Narrow leaved)	NUTTALL'S BUR-REED (<i>Sagartium americanum</i>)		-	-	-	-	-	-	-	15	15	20	20	15	15	20	20	140	PLUG	400mm		
(Narrow leaved)	BEAKED SEDGE (<i>Carex utriculata</i>)		-	-	-	-	-	-	-	15	15	15	20	20	15	15	20	135	PLUG	400mm		
TOTAL PLUGS PER AREA:			35	35	35	35	35	35	35	85	85	85	85	85	85	85	85					
			SWM POND WET CELL																			
ZONE	SPECIES	AREA:	16	17	18	19	20	21	22	23												
ZONE 1 - SUBMERGED SPECIES PLANTED IN WATER DEPTHS AS SHOWN																						
	COMMON FLOATING PONDWEED (<i>Potamogeton natans</i>)		20	20	15	20	20	20	15	15									145	PLUG	400mm	
	AMERICAN WATER-LILY (<i>Nymphaea odorata</i>)		20	20	15	15	20	20	20	15									145	PLUG	400mm	
	CANADA WATERWEED (<i>Elodea canadensis</i>)		20	20	20	15	15	20	20	20									150	PLUG	400mm	
	COMMON HORNBURT (<i>Ceratophyllum demersum</i>)		15	20	20	20	15	15	20	20									145	PLUG	400mm	
	ANNUAL WATER-STARWORT (<i>Callitriche hermaphrodita</i>)		20	15	20	20	20	15	15	20									145	PLUG	400mm	
TOTAL PLUGS PER AREA (CONT'D):			95	95	90	90	90	90	90	90									TOTAL SWM POND AQUATIC PLANTING QTY.:		1655	

SWM POND 'B' PLANTING CALCULATIONS:

AREA OF POND BLOCK: 15,784 m²
NON-PLANTABLE AREA (road, rip rap, areas below permanent water level): 9,782 m²
TOTAL PLANTABLE AREA FOR TREES & SHRUBS: 6,002 m²

TOTAL PLANTABLE AREA	COVERAGE	TREES / SHRUBS PROVIDED	CALCULATION	AREA OF COVERAGE (m ²)
6,002 m ²	50% COVERAGE	91 760	91 X (25m ²) 760 X (11m ²)	2,275 760
				3,035 m ² (PROVIDED COVERAGE)

FOR SHEET PD-3 SEE
NATURALIZATION SPECIFICATIONS
ON SHEET PD-6

SEEDING AREAS NOT TO BE MOWED

REFERENCE PLANT LIST

KEY	COMMON NAME	KEY	COMMON NAME
DECIDUOUS TREES			
A	RED MAPLE	M	WHITE SPRUCE
AI	RED MAPLE	P	EASTERN WHITE PINE
B	SILVER MAPLE	Q	WHITE CEDAR
BI	SILVER MAPLE	DECIDUOUS SHRUBS	
D	SHAGBARK HICKORY	aa	SMOOTH SERVICEBERRY
DI	SHAGBARK HICKORY	bb	GRAY DOGWOOD
E	BALSAM POPLAR	cc	RED OSIER DOGWOOD
EI	BALSAM POPLAR	dd	BUSH HONEYSUCKLE
F	SWAMP WHITE OAK	ee	STAGHORN SUMAC
FI	SWAMP WHITE OAK	ff	MEADOW ROSE
G	BUR OAK	gg	COMMON ELDERBERRY
GI	BUR OAK	hh	COMMON NINEBARK
H	RED OAK	jj	PUSSY WILLOW
HI	RED OAK		
K	BLACK WILLOW		
KI	BLACK WILLOW		
N	AMERICAN ELM		
NI	AMERICAN ELM		

SEE SHEET PD-6 FOR MASTER PLANT LIST

NEIGHBOURING EXISTING WOODLOT
BUFFER PLANTING (SEE SHEET B-2)

TOPSOIL & TERRASEEDING
TYPE 3 - WETLAND SEED MIX AS SPECIFIED ON
SHEET D-1. ALL AREAS WITHIN ZONES 3 & 4

DECIDUOUS TREE
PLANTING ON SLOPE
TYPICAL DETAIL

30 METER BUFFER

TOPSOIL & TERRASEEDING
TYPE 1 - UPLAND SEED MIX AS SPECIFIED ON
SHEET D-1. ALL AREAS WITHIN ZONE 5

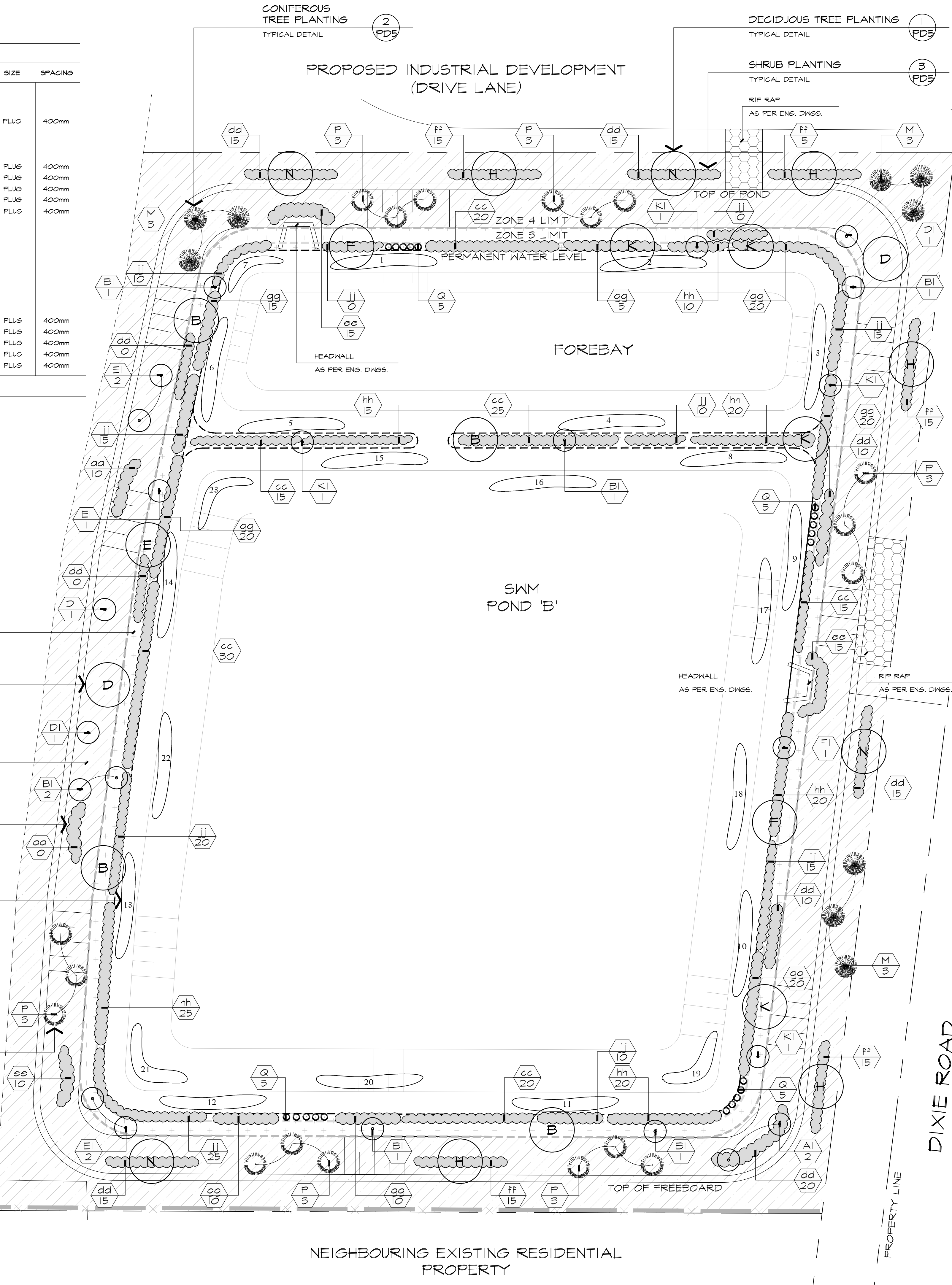
SHRUB PLANTING ON SLOPE
TYPICAL DETAIL

WET POND
PLANTING STRATEGY
TYPICAL DETAIL

CONIFEROUS TREE
PLANTING ON SLOPE
TYPICAL DETAIL

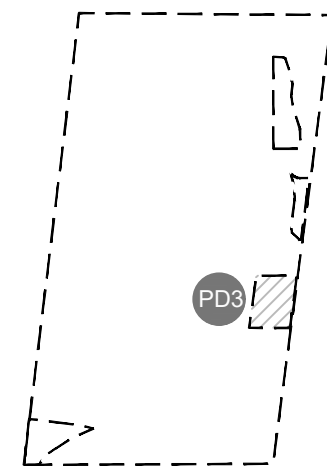
REFER TO SHEETS F-1
AND F-2 FOR FENCING
TYPES AND LOCATIONS

LIMIT OF SWM POND BLOCK



NEIGHBOURING EXISTING RESIDENTIAL
PROPERTY

REFERENCE PLAN



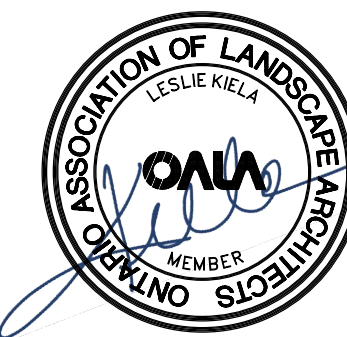
LEGEND

- DECIDUOUS TREES
- CONIFEROUS TREES
- SHRUB PLANTING
- LIMIT OF ZONE 3
- LIMIT OF ZONE 4
- PERMANENT WATER LEVEL
- LIMIT OF SWM POND BLOCK
- AQUATIC PLANTINGS
- TYPE 1 SEED MIX
- TYPE 3 SEED MIX

BASE INFORMATION OBTAINED ELECTRONICALLY FROM
BALDASSARRA ARCHITECTS INC. (TEL. 905-660-0722)

V1.	FEB 24 2021	ISSUED FOR FIRST SUBMISSION	KM/ DN
no.	date	version	by

All information hereon to be checked and verified at the site and any
discrepancies must be reported to and clarified by the landscape architect
before commencing work. All drawings, specifications, details, digital
information, etc., prepared by the landscape architect are instruments of
service and as such are his property and must be returned at his request.



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project SP No. PRE-20-0096
**PROPOSED INDUSTRIAL
DEVELOPMENT**
12862 DIXIE ROAD
CALEDON, ONTARIO
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SWM POND 'B' LANDSCAPE PLAN

date	FEBRUARY 11, 2021	drawn	KM
scale*	1:300	file	3415 PDs V1-210224
direction			
project no.	3415		
sheet no.	PD-3		