TOWN OF CALEDON
PLANNING
RECEIVED
Feb 11 2021

W5

W6

STREET TA

STREET B

STM.MH109
TOP 265.99m
NW 262.68m
SE 262.66m
SW 263.20m
NE 262.98m

STM.MH195
TOP 266.22m
SW 263.23m

218.3m-1500x1800mm
STM. @ 0.50%

50.0m-975mm
STM. @ 0.50%

STM.MH190
TOP 266.35m
NE 263.46m

31.2m-1500x1800mm
STM. @ 0.50%

50.0m-1200mm
STM. @ 0.50%

STM.HW100
NW 262.50m

SEDIMENT DRYING AREA

265.50 HWL
265.00
264.50
264.00
263.50
263.00
4:1

262.50 (PERM. POOL)
262.00
261.50
261.00
260.50 (BOT. POND)
7:1
4:1

CONCRETE HEADWALL
AND RIP RAP

SWM
POND 2

WET CELL

CONCRETE MAINTENANCE ACCESS RD AT 8.0%

262.80 (TOP OF BERM)

FOREBAY

262.50 (PERM. POOL)
262.00
261.50
261.00
260.50 (BOT. POND)
7:1
4:1

FOREBAY WEIR INV. 262.50

STM.CONTROL MH100
TOP 265.50m
N 262.00m
S 262.50m

STM.OUTLET100
S 261.00m

28.7m STM.
(REVERSE
SLOPE)

44.9m-1200mm
STM. @ 0.50%

STM.HW101
N 262.30m

EX. 800mm CULVERT
IN INV. 260.99
OUT INV. 260.90

263.00
264.00
265.00
265.50 HWL
4:1

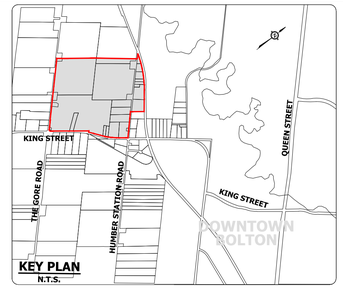
5.0m WIDE MAINTENANCE ROAD (265.50)

REGRADE EXISTNG ROAD DITCH TO
CONVERT POND2 FLOWS TO EX. 800ø
CONC. CULVERT

PROPOSED DITCH AT
1.75% SLOPE

KING STREET

PLAN VIEW SCALE 1:500

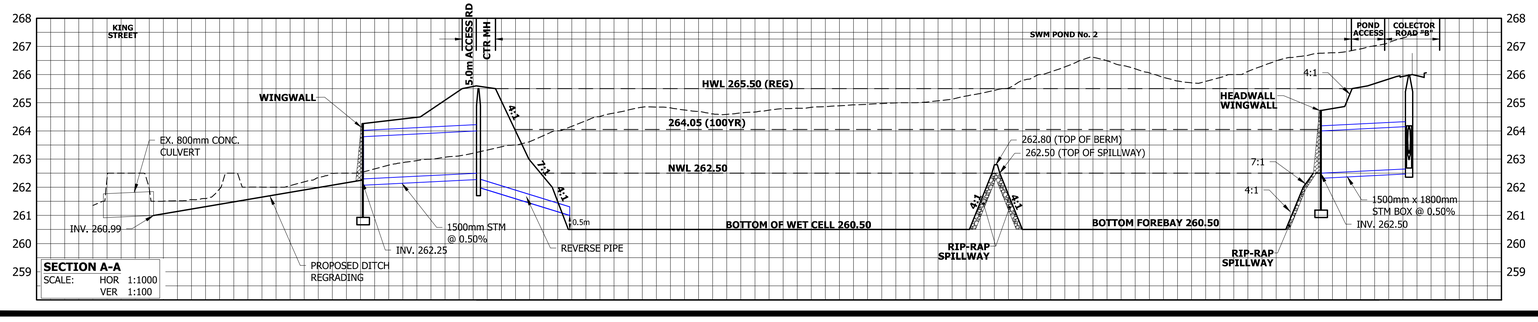


LEGEND

- LIMIT OF PROPERTY
- PROPOSED STORM SEWER
- STORM MANHOLE ID (STM.MH109 / TOP 265.99m / NW 262.68m / SE 262.66m / SW 263.20m / NE 262.98m)
- PROPOSED GROUND ELEVATION
- PROPOSED SEWER INVERTS
- EXISTING CONTOUR & ELEVATION (267.00)
- PROPOSED ELEVATION (266.00)
- EXISTING ELEVATION (265.50)
- MAXIMUM 3:1 (UNLESS OTHERWISE NOTED)
- PROPOSED OVERLAND FLOW ROUTE
- EXISTING OVERLAND FLOW ROUTE

STAGE-STORAGE RELATIONSHIP

POND LEVEL	ELEVATION (m)	REQUIRED VOLUME (m³)	PROVIDED VOLUME (m³)
PERMANENT POOL	262.500	8,400	25,300
100YR	264.050	27,523	28,340
REGIONAL	265.500	50,946	51,060



SECTION A-A
SCALE: HOR 1:1000
VER 1:100

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TOWN OF CALEDON
REGIONAL MUNICIPALITY OF PEEL
MACVILLE SECONDARY PLAN
(BRES OPTION 3 LANDS)

PRELIMINARY SWM POND 2 PLAN VIEW AND SECTIONS

SURVEYED BY:	J.D.B.	DATE:	2020	JOB NO.	15-458
DRAWN BY:	V.P.	CHECKED BY:	D.Z.	DRAWING NO.	602
DESIGNED BY:	D.Z.	CHECKED BY:	D.Z.	SHEET NO.	
SCALE:	AS SHOWN	DATE:	JAN. 2021		