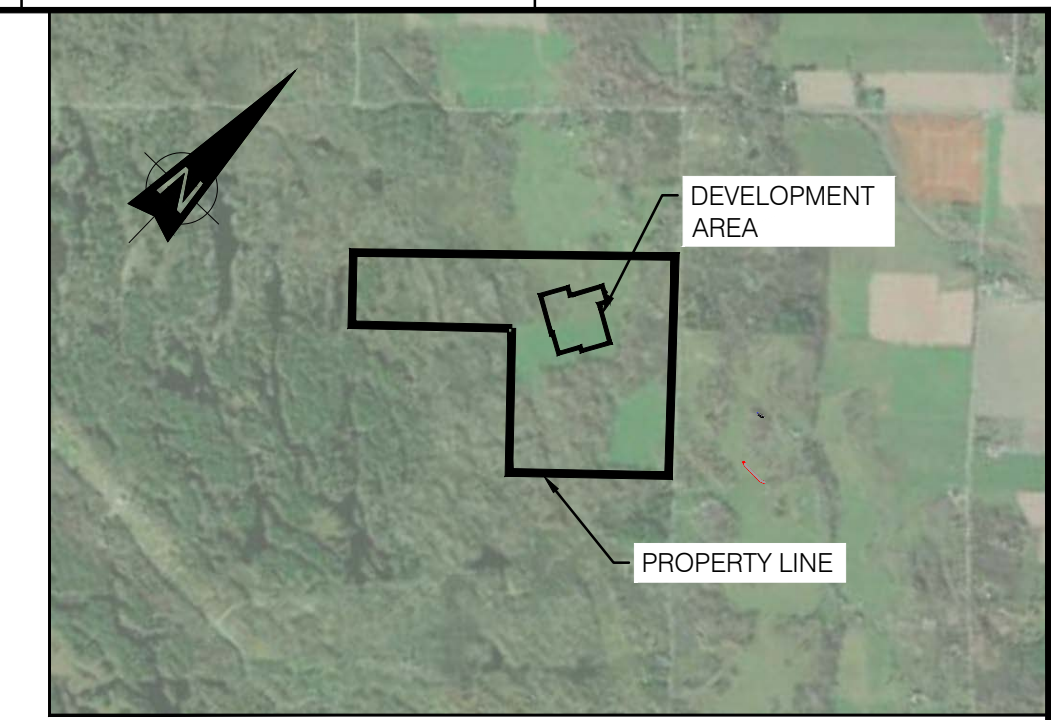




NOTES:

-
- PROPOSED Ø100
REVERSE SLOPE PVC
PIPE AT 13.33% SLOPE
- CONCRETE CONTROL
STRUCTURE
- EMERGENCY SPILLWAY
RIP RAP
- Ø6000 OUTLET PIPE



Diagram illustrating the cross-section of a detention pond structure, showing various components and dimensions:

- EMERGENCY OVERTFLOW WEIR WITH RIP RAP REINFORCEMENT 150 - 300 mm** (Invert Elevation: 98.27 m)
- 600 mm HDPE OUTLET PIPE TO BE CONNECTED TO THE VEGETATED SWALE**
- GRATING TO BE INSTALLED FOR THE PIPES AND TOP OF THE CONTROL STRUCTURE**
- TOP OF WEIR BOX EL: 98.50**
- INVERT ELEVATION: 97.90 m**
- INVERT ELEVATION: 96.80 m**
- 100 mm DIA. DETENTION OUTLET REVERSE SLOPE PIPE**
- FLOW** (indicated for both outlet pipes)

Dimensions (Horizontal): 0.3, 0.5, 2.0, 5.5, 2.3, 0.4

Dimensions (Vertical): 0.3, 1.0, 0.4, 1.7

Internal Dimensions (Horizontal): 0.9, 0.5, 1.5

1 0.5 0 1 2 3 4 5 m SCALE 1:50 5 2.5 0 5 10 15 20 25 m SCALE 1:250



PROJECT:		SOUTH MARCH BESS 2555 AND 2625 MARCHURST RD, OTTAWA			
TITLE:		CIVIL WET POND PLAN & SECTIONS			
PREPARED BY: E. AMELI		DRAFTED BY: S. PARK		APPROVED BY: M. SHAHRAKI	
CHECKED BY: E. AMELI		SCALE: AS SHOWN		DATE: 2025-03-03	
DRAWING No.: 7154023-100000-41-D20-0004		SHEET: 01	SIZE: A1	REV. AB	

FOR PERMITTING

		AB	FOR PERMITTING	E. AMELI	M. SHAHRAKI	2025-06-18
7154023-402000-47-D20-0001	SOUTH MARCH BESS-250 MW 230KV-34.5 KV SUBSTATION	AA	FOR COMMENTS	E. AMELI	M. SHAHRAKI	2025-03-03
DRAWING No.	DESCRIPTION	REV	DESCRIPTION	PREPARED BY	CHECKED BY	DATE
REFERENCE DRAWINGS		REVISIONS				