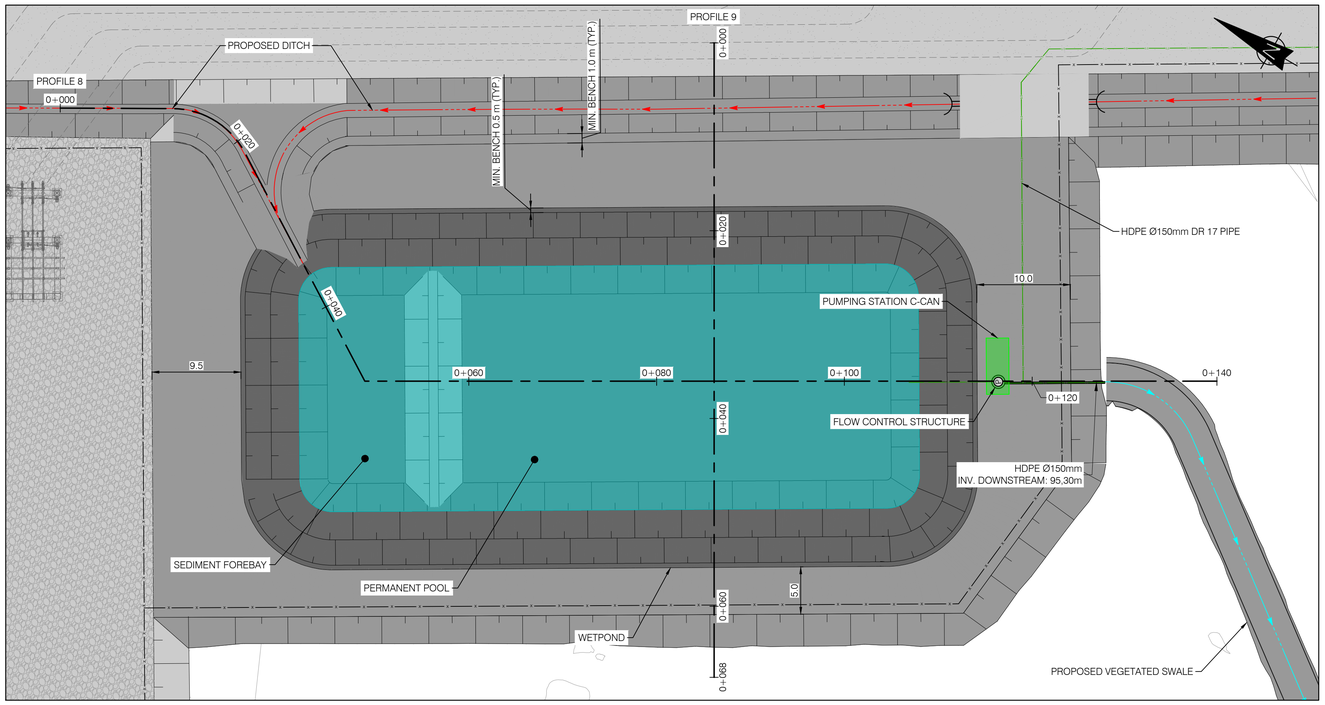


PLAN VIEW
SCALE 1:300

LEGEND

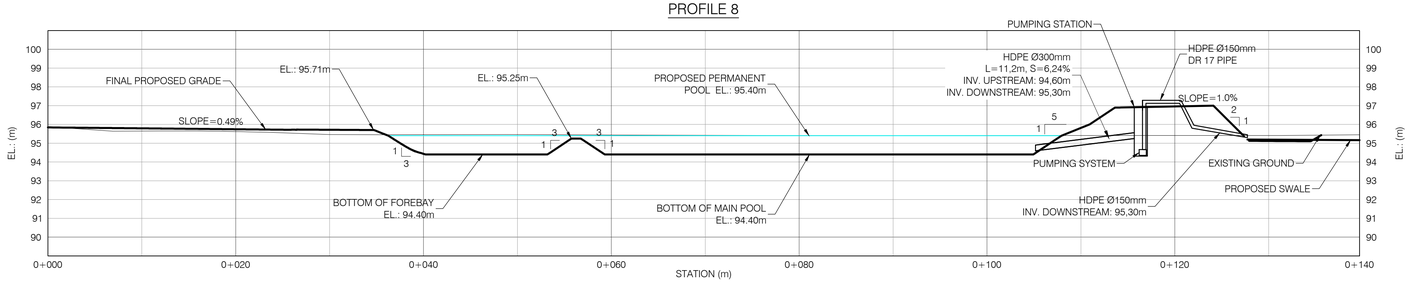
- WATERCOURSE DITCH
- NATURAL RUNOFF CORRIDOR
- DIVERSION DITCH
- PROPOSED FENCE
- PROPERTY LIMIT
- STORMWATER PUMP PIPE, HDPE DR17, 150mm
- VEGETATION SWALE
- MAIN PIPE FIRE PROTECTION 200mm HDPE DR11 PE4710
- PIPE CONNECTION 150mm HDPE DR11 PE4710
- HYDRANT
- HYDRANTS BOLLARDS
- BATTERY CORNERS BOLLARDS
- POST INDICATOR VALVE
- 60m RADIUS PROTECTION
- FLOW DIRECTION PROPOSED GRADE
- PROPOSED CULVERT
- TREE LINE
- CULTIVATED AREA
- ACCES ROAD
- PROPOSED INSULATING STONE SURFACE AREA
- PROPOSED GRAVEL SURFACE AREA
- PROPOSED GRADE (EL.: 90.62)
- EXISTING GRADE ELEVATION (91.0)
- BATTERY/MVT GROUP
- AUXILLARY TRANSFORMER
- WET POND
- EXISITING POLE
- MONUMENT

KEY PLAN

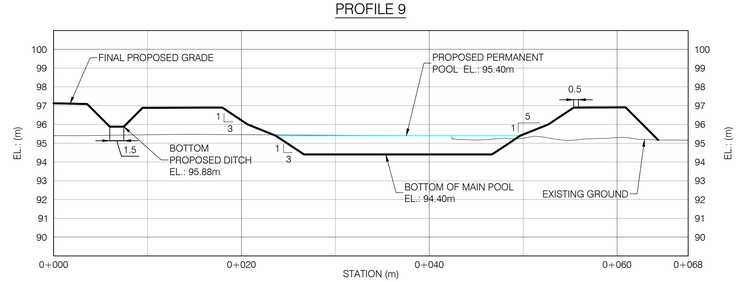
NOTES:

1. COORDINATES SYSTEM IS:
   HORIZONTAL DATUM: MTM_NAD83 (CSRS)_ZONE 9
   VERTICAL DATUM: CGVD28
2. ALL UNITS ARE IN METERS UNLESS OTHERWISE INDICATED
3. THIS SITE PLAN HAS BEEN BASED ON THE SURVEYORS TOPOGRAPHY SKETCH PREPARED BY TULLOCH GEOMATICS INC. DATED MARCH 12, 2025
4. LOT ADDRESS: 4186 WILLIAM MCEWEN DR, OTTAWA

PROFILE 8



PROFILE 9



FINAL GRADE	95.84	95.79	95.74	95.72	94.43	94.40	94.40	94.40	94.40	94.40	94.40	95.81	96.96	95.12	
EXISTING GROUND	95.86	95.65	95.62	95.46	95.46	95.46	95.44	95.42	95.41	95.40	95.41	95.41	95.41	95.41	95.45

FINAL GRADE	97.12	96.88	96.22	94.40	94.40	95.46	96.91	
EXISTING GROUND	95.41	95.45	95.45	95.42	95.40	95.27	95.30	95.16

SCALE HOR. 1:300 — 5 0 10 20 30 m

SCALE VER. 1:150 — 2.5 0 5 10 15 m

FOR PERMITTING
NOT TO BE USED FOR CONSTRUCTION

DRAWING No.	DESCRIPTION
241437	TOPOGRAPHIC PLAN OF SURVEY
SURFACE LIDAR	LIDAR DTM OTTAWA-GATINEAU 2019-20 PACKAGE M
7154024300000-47-D20-0001-02	TRAIL BESS - 150 MW - 230 kV - 34.5 kV SUBSTATION

REFERENCE DRAWINGS

REV	DESCRIPTION	PREPARED BY	CHECKED BY	DATE
AF	FOR PERMITTING	B. THOMAS	V. BRUNELLE P. Eng, P.E.O No. 100617887	2025-10-28
AE	FOR COMMENTS	B. THOMAS	V. BRUNELLE P. Eng, P.E.O No. 100617887	2025-10-22
AD	FOR COMMENTS	B. THOMAS	V. BRUNELLE P. Eng, P.E.O No. 100617887	2025-09-15
AC	FOR PERMITTING	B. THOMAS	V. BRUNELLE P. Eng, P.E.O No. 100617887	2025-07-24
AB	FOR PERMITTING	B. THOMAS	V. BRUNELLE P. Eng, P.E.O No. 100617887	2025-05-09
AA	FOR COMMENTS	B. THOMAS	V. BRUNELLE P. Eng, P.E.O No. 100617887	2025-05-02

REVISIONS

SEAL: LICENSED PROFESSIONAL ENGINEER — V. BRUNELLE 100617887 — PROVINCE OF ONTARIO — 2025-10-28

CLIENT: Evolugen by Brookfield Renewable

PROJECT: TRAIL ROAD BESS

TITLE: CIVIL
BESS SITE
RETENTION POND
VIEW PLAN AND SECTIONS

DESIGNED BY: B. THOMAS	DRAFTED BY: A. MENESES
PREPARED BY: B. THOMAS	CHECKED BY: V. BRUNELLE P. Eng, P.E.O No. 100617887
SCALE: INDICATED	DATE: 2025-04-24

DRAWING No.:	SHEET:	SIZE:	REV.
7154024-200000-41-D70-0001	01	A1	AF

G:\7154\024\40_ING_ENG\41_CIVIL\AM\IN PROGRESS\7154024-200000-41-D70-0001_RETENTION POND.DWG

BY:MENESES, ANDRES
PRINTED:2025-10-28 12:12:32

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