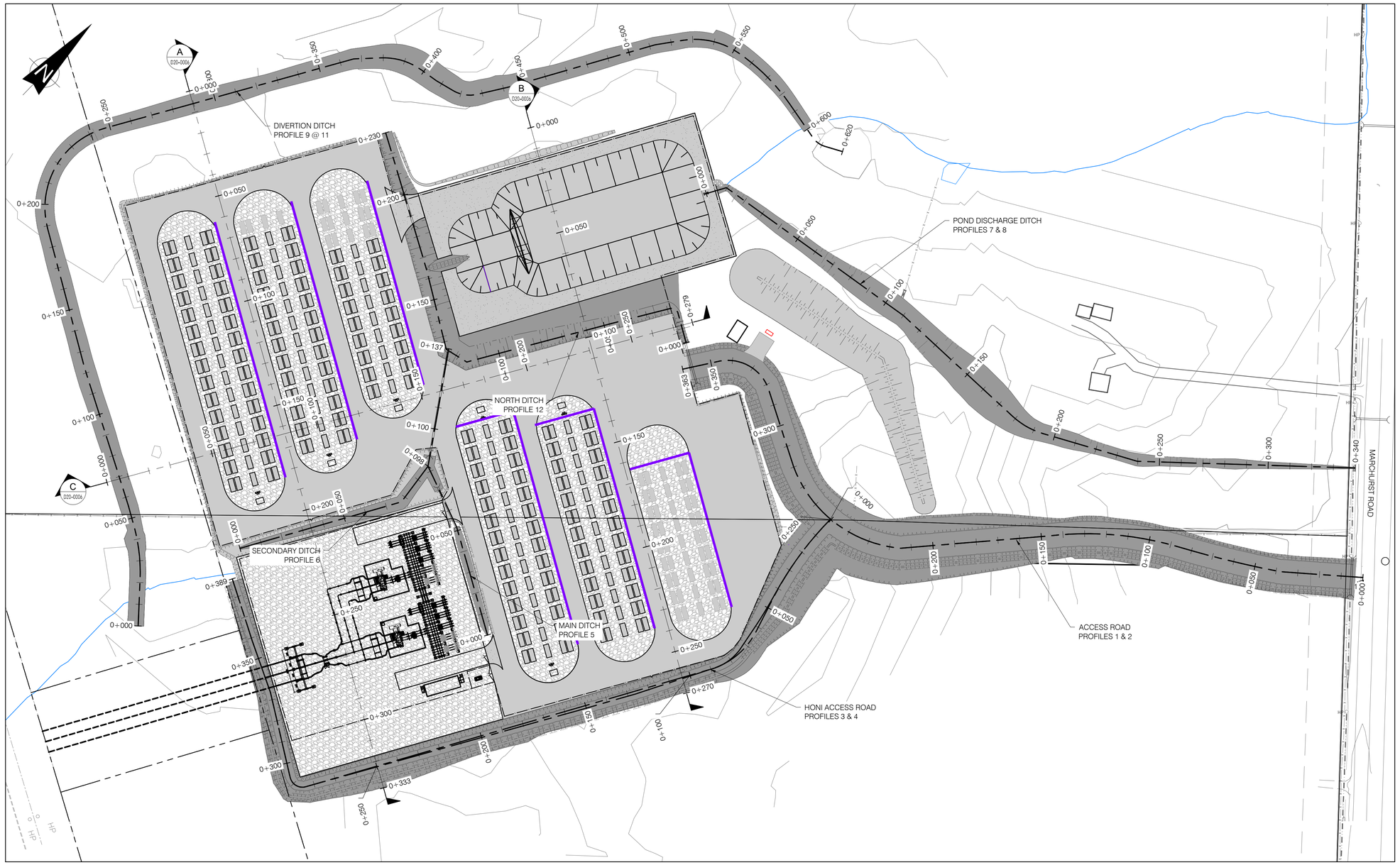

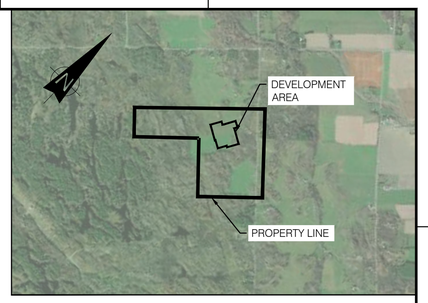

KEY PLAN
SCALE: N.T.S.

NOTES:

1. PROJECT COORDINATES ARE SET IN, HORIZONTAL ; NAD83(CSRS) / MTM ZONE 9 - EPSG:2952.
   VERTICAL ; CGVD28
2. SITE SURVEY PROVIDED BY TULLOCK GEOMATCICS INC, ISSUED MARCH 11, 2025, SURVEY FILE #241451.
3. ALL REQUIRED PERMITS MUST BE IN PLACE BEFORE START OF CONSTRUCTION.
4. ROAD DIMENSIONS AND TURNING RADIUS HAVE BEEN DESIGNED TO ACCOMMODATE A TRIDEM DRIVE TRACTOR SEMITRAILER TRUCK, THE LTM 1300 6.2 OUTRIGGER CRANE, AND THE LR 1200 SX CRAWLER CRANE. REVIEW OF ACCESS FOR DELIVERY AND INSTALLATION OF EQUIPMENT/STRUCTURES IS THE RESPONSIBILITY OF THE CONTRACTOR
5. BATTERY ARRANGEMENT IS PER DRAWING 7154023-300000-47-D20-0001-02.
6. FOR LOCATION OF THE PROPOSED UNDERGROUND UTILITIES SEE SITE SERVING PLAN 7154023-100000-41-D20-0003.DWG
7. SITE GRADES ARE TO BE ABOVE THE 1 IN 100 YEAR FOOD LEVEL OF EXISTING CREEK.
8. DUE TO THE GRADE RAISE AT THE SITE AND IN ACCORDANCE WITH THE HATCH GEOTECHNICAL REPORT DATED FEBRUARY 28, 2025, CONTRACTORS BIDDING ON OR PERFORMING WORK AT THE SITE ARE REQUIRED TO REVIEW THE INVESTIGATION'S FACTUAL FINDINGS, ASSESS THE ADEQUACY OF THE PROVIDED INFORMATION FOR CONSTRUCTION PURPOSES, AND INDEPENDENTLY INTERPRET THE DATA. AS PRECONSOLIDATION MEASURES SUCH AS PRELOADING MAY BE NECESSARY, THE PROPOSED GRADE SHALL BE REFINED TO OPTIMIZE THE COST ASSOCIATED FOR ROCK EXCAVATION AND/OR ANY NECESSARY REMEDIAL MEASURES FOR SETTLEMENT.
9. ROAD PAVEMENT STRUCTURE ON TOP OF THE BEDROCK TO BE OPTIMIZED BY GEOTECHNICAL ENGINEER DURING DETAILED DESIGN.
10. AN IMPERVIOUS GEOMEMBRANE WILL BE LAID DOWN ACROSS THE WHOLE SITE (EXCEPT THE SUBSTATION AREA), WHICH COLLECTS THE STORM WATER ALONG WITH ANY POSSIBLE CONTAMINATION. THE RUNOFF FLOW EVENTUALLY GOES TO A WET POND, WHICH WILL BE EQUIPPED WITH AN IMPERVIOUS GEOMEMBRANE AND A GATE VALVE. THIS SYSTEM DOES NOT ALLOW ANY CONTAMINATION TO BE DISCHARGED TO THE UNDERGROUND WATER OR RIGHT-OF-WAY.

FOR PERMITTING

DRAWING No.	DESCRIPTION
	ENVIRONMENTAL-STANTEC.DWG
	XR-160402040-L-PLANTING.DWG
	241451-SouthMarch_BESS-MTM9-Rev0
	SOUTH MARCH DITCH LINE TOPO
7154023-402000-47-D20-0001	SOUTH MARCH BESS-250 MW 230kV-34.5 kV SUBSTATION

REFERENCE DRAWINGS

REV	DESCRIPTION	PREPARED BY	CHECKED BY	DATE
AA	FOR PERMITTING	B. THOMAS	V. BRUNELLE P.E.O NO. 100617887	2025-11-05

REVISIONS

SEAL: LICENSED PROFESSIONAL ENGINEER — V. BRUNELLE 100617887 — PROVINCE OF ONTARIO — 2025-11-05

CLIENT: Evolugen by Brookfield Renewable

PROJECT: SOUTH MARCH BESS
2555 AND 2625 MARCHURST RD, OTTAWA

TITLE: CIVIL
PROFILE KEY PLAN
PLAN

PREPARED BY: B. THOMAS	DRAFTED BY: G.NORMAND
CHECKED BY: V. BRUNELLE	APPROVED BY: V. BRUNELLE
SCALE: 1:1000	DATE: 2024-03-03

DRAWING No.:	SHEET:	SIZE:	REV.
7154023-100000-41-D52-0001	01	A1	AA

BY:NORMAND, GABRIEL
PRINTED 2025-11-05 20:13:17

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