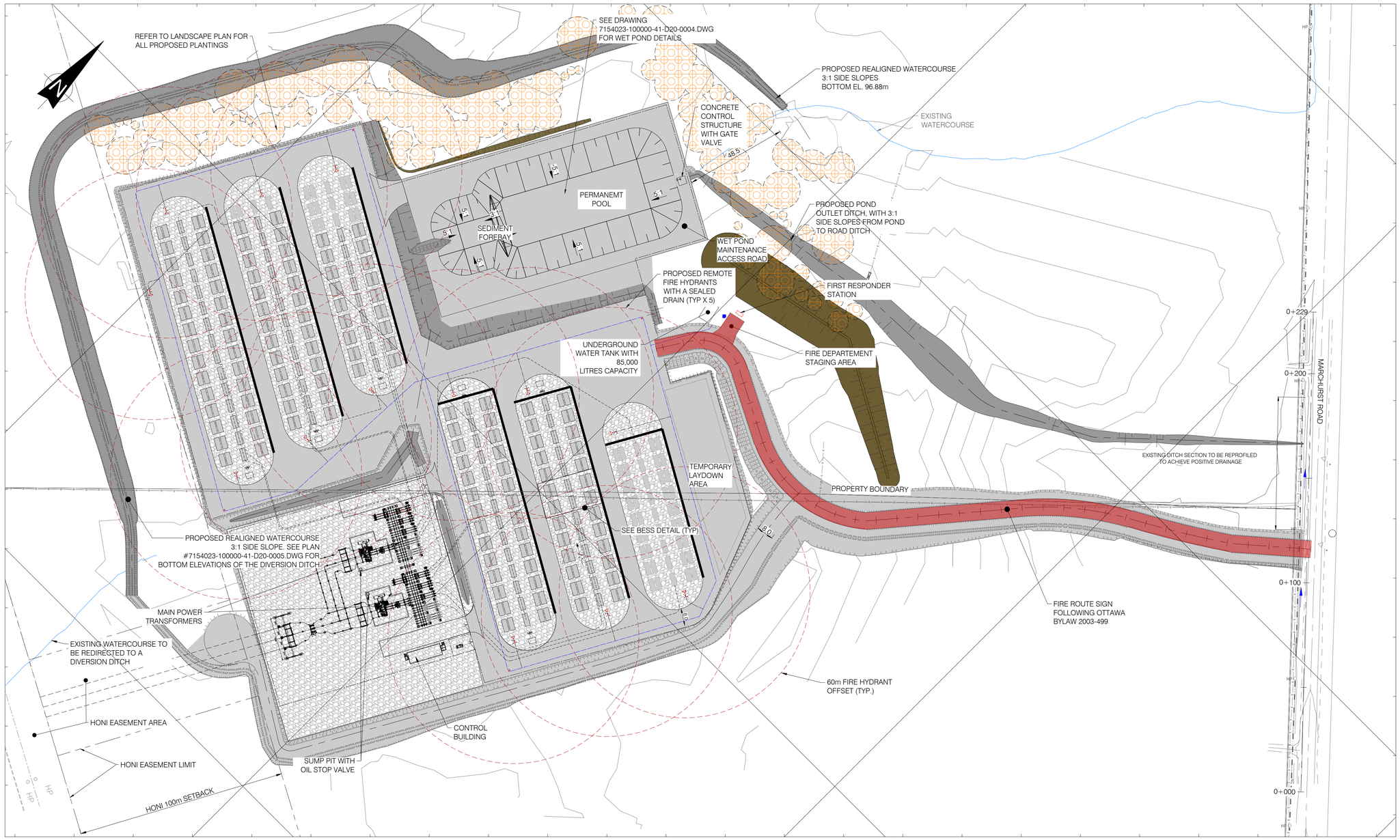
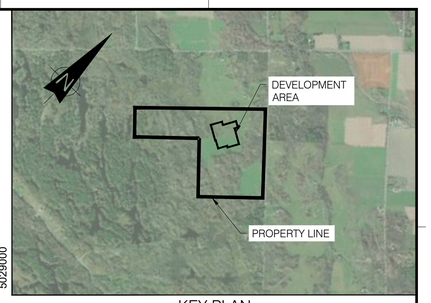


PLAN VIEW
SCALE 1:1000



KEY PLAN
SCALE: N.T.S.

NOTES:

1. PROJECT COORDINATES ARE SET IN, HORIZONTAL ; NAD83(CSRS) / MTM ZONE 9 - EPSG:2952. VERTICAL ; CGVD28
2. COORDINATES ARE IN METERS AND ELEVATIONS ARE METERS.OBSERVED REFERENCE POINTS ARE DERIVED FROM REAL TIME KINEMATIC (RTK) GNSS OBSERVATIONS USING SPECIFIED CONTROL POINTS AND ARE REFERRED TO MTM ZONE 9, (76°30' WEST LONGITUDE) NAD83 (CSRS) (2010).COORDINATES TO URBAN ACCURACY PER SEC. 14(2) OF O.REG. 216/10.
3. SITE SURVEY PROVIDED BY TULLOCK GEOMATICS INC, ISSUED MARCH 11, 2025, SURVEY FILE #241451.
4. ALL REQUIRED PERMITS MUST BE IN PLACE BEFORE START OF CONSTRUCTION.
5. BATTERY ARRANGEMENT IS PER 7154023-300000-47-D20-0001-02.DWG.
6. INSULATION IS REQUIRED WHERE PIPE COVER IS LESS THAN 1.8m TO SPRINGLINE OF PIPE.
7. ALL STORMWATER PIPES ARE ARMTEC BOSS 2000 HDPE PIPE WITH 320 kPa STIFFNESS, UNLESS OTHERWISE NOTED.
8. ALL MANHOLE COVERS TO BE CL-625 ONT LOAD RATED.
9. MINIMUM 300mm VERTICAL CLEARANCE IS REQUIRED AT STORM PIPE CROSSINGS WITH ELECTRICAL UTILITIES AND WATER PIPES.
10. CONTRACTOR TO REVIEW THE GEOTECHNICAL REPORT PROVIDED BY HATCH: "SOUTH MARCH ROAD BATTERY ENERGY STORAGE SYSTEM (BESS), PRELIMINARY GEOTECHNICAL INVESTGATION"; PROJECT #H375142-0000-2A0-230-0001, REV. A, DATED FEBRUARY 28, 2025.
11. THE FIRE PROTECTION TANK SHALL BE FILLED VIA A TRUCK AND SHALL HAVE A LEVEL GAUGE VISIBLE TO MAINTENANCE STAFF CONDUCTING SITE ROUNDS.

LEGEND:

- LIGHT STANDARD
- EXISTING HYDRO POLE
- UNDERGROUND UTILITY MARKER
- TERMINAL BOX
- ANCHOR
- BOLLARD
- POST INDICATOR VALVE
- VENT
- EXISTING BOREHOLE
- BESS
- MV TRANSFORMER
- BESS (AUGMENTATION)
- MV TRANSFORMER (AUGMENTATION)
- DISTRIBUTION PANELS
- FLOW DIRECTION
- HYDRANT
- HYDRANTS BOLLARDS
- BATTERY CORNERS BOLLARDS
- POST INDICATOR VALVE
- 60m RADIUS PROTECTION
- EXISTING FENCE
- PROPOSED FENCE
- PROPOSED NOISE WALL
- STORM PIPE
- EXISTING WATERCOURSE
- OFFSET LINE
- EXISTING TRANSMISSION LINE
- PROPERTY LINE
- BURIED TELECOMMUNICATIONS
- BURIED ELECTRIC
- PROPOSED GRAVEL SURFACE AREA
- PROPOSED INSULATING STONE SURFACE AREA
- MAIN PIPE FIRE PROTECTION 200mm HDPE DR11 PE4710
- PIPE CONNECTION 150mm HDPE DR11 PE4710
- PROPOSED REGISTERED FIRE ROUTE
- LANDSCAPING

SCALE 1:1000 — 20 10 0 20 40 60 80 100 m

FOR PERMITTING

DRAWING No.	DESCRIPTION	REV	DESCRIPTION	PREPARED BY	CHECKED BY	DATE
		AF	FOR PERMITTING	B. THOMAS	V. BRUNELLE P.E.O NO. 100617887	2026-01-23
	ENVIRONMENTAL-STANTEC.DWG	AE	FOR PERMITTING	B. THOMAS	V. BRUNELLE P.E.O NO. 100617887	2025-11-05
	XR-160402040-L-PLANTING.DWG	AD	FOR PERMITTING	E. AMELI	M. SHAHRAKI	2025-07-03
	241451-SouthMarch_BESS-MTM9-Rev0	AC	FOR PERMITTING	E. AMELI	M. SHAHRAKI	2025-06-19
	SOUTH MARCH DITCH LINE TOPO	AB	FOR COMMENTS	E. AMELI	M. SHAHRAKI	2025-06-06
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

REFERENCE DRAWINGS — REVISIONS

SEAL: LICENSED PROFESSIONAL ENGINEER — V. BRUNELLE 100617887 — PROVINCE OF ONTARIO — 2026-01-26

APPLICATION FILE NUMBER : D07-12-25-0096
PLAN NUMBER : 19401

CLIENT: Evolugen by Brookfield Renewable

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

TITLE: CIVIL
SITE SERVICING AND FIRE PROTECTION PLAN

PREPARED BY: B. THOMAS	DRAFTED BY: G. NORMAND
CHECKED BY: V. BRUNELLE	APPROVED BY: V. BRUNELLE
SCALE: 1:1000	DATE: 2025-03-03

DRAWING No.:	SHEET:	SIZE:	REV.
7154023-100000-41-D20-0003	01	A1	AF