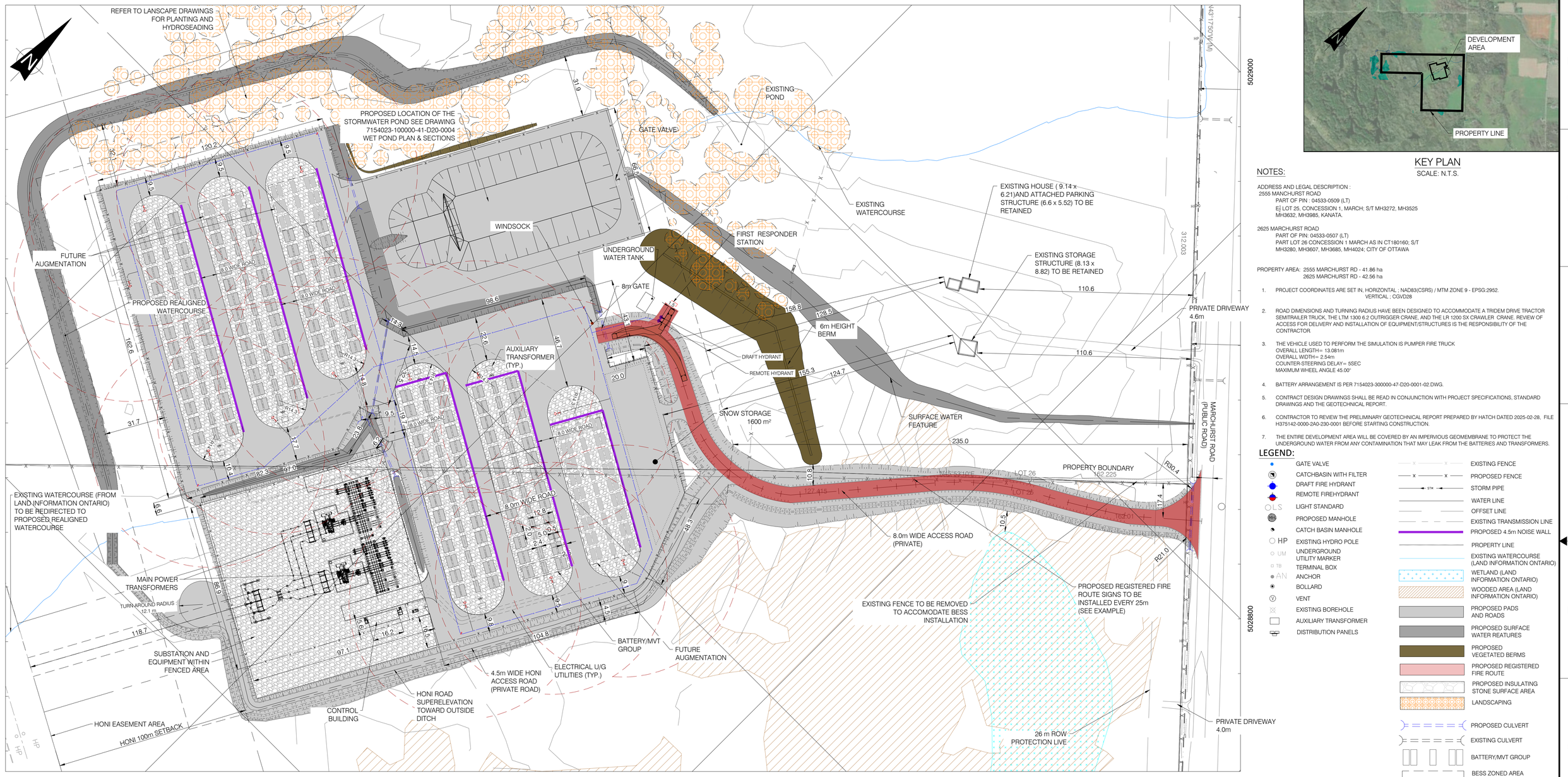

PLAN VIEW
SCALE 1:1000

KEY PLAN
SCALE: N.T.S.

NOTES:

ADDRESS AND LEGAL DESCRIPTION :
2555 MANCHURST ROAD
PART OF PIN : 04533-0509 (LT)
E½ LOT 25, CONCESSION 1, MARCH; S/T MH3272, MH3525 MH3632, MH3985, KANATA.

2625 MARCHURST ROAD
PART OF PIN: 04533-0507 (LT)
PART LOT 26 CONCESSION 1 MARCH AS IN CT180160; S/T MH3280, MH3607, MH3685, MH4024; CITY OF OTTAWA

PROPERTY AREA: 2555 MARCHURST RD - 41.86 ha
2625 MARCHURST RD - 42.56 ha

1. PROJECT COORDINATES ARE SET IN, HORIZONTAL ; NAD83(CSRS) / MTM ZONE 9 - EPSG:2952. VERTICAL ; CGVD28
2. 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
3. THE VEHICLE USED TO PERFORM THE SIMULATION IS PUMPER FIRE TRUCK
OVERALL LENGTH= 13.081m
OVERALL WIDTH= 2.54m
COUNTER-STEERING DELAY= 5SEC
MAXIMUM WHEEL ANGLE 45.00°
4. BATTERY ARRANGEMENT IS PER 7154023-300000-47-D20-0001-02.DWG.
5. CONTRACT DESIGN DRAWINGS SHALL BE READ IN CONJUNCTION WITH PROJECT SPECIFICATIONS, STANDARD DRAWINGS AND THE GEOTECHNICAL REPORT.
6. CONTRACTOR TO REVIEW THE PRELIMINARY GEOTECHNICAL REPORT PREPARED BY HATCH DATED 2025-02-28, FILE H375142-0000-2A0-230-0001 BEFORE STARTING CONSTRUCTION.
7. THE ENTIRE DEVELOPMENT AREA WILL BE COVERED BY AN IMPERVIOUS GEOMEMBRANE TO PROTECT THE UNDERGROUND WATER FROM ANY CONTAMINATION THAT MAY LEAK FROM THE BATTERIES AND TRANSFORMERS.

LEGEND:

- GATE VALVE
- CATCHBASIN WITH FILTER
- DRAFT FIRE HYDRANT
- REMOTE FIREHYDRANT
- LIGHT STANDARD
- PROPOSED MANHOLE
- CATCH BASIN MANHOLE
- EXISTING HYDRO POLE
- UNDERGROUND UTILITY MARKER
- TERMINAL BOX
- ANCHOR
- BOLLARD
- VENT
- EXISTING BOREHOLE
- AUXILIARY TRANSFORMER
- DISTRIBUTION PANELS
- EXISTING FENCE
- PROPOSED FENCE
- STORM PIPE
- WATER LINE
- OFFSET LINE
- EXISTING TRANSMISSION LINE
- PROPOSED 4.5m NOISE WALL
- PROPERTY LINE
- EXISTING WATERCOURSE (LAND INFORMATION ONTARIO)
- WETLAND (LAND INFORMATION ONTARIO)
- WOODED AREA (LAND INFORMATION ONTARIO)
- PROPOSED PADS AND ROADS
- PROPOSED SURFACE WATER REATURES
- PROPOSED VEGETATED BERMS
- PROPOSED REGISTERED FIRE ROUTE
- PROPOSED INSULATING STONE SURFACE AREA
- LANDSCAPING
- PROPOSED CULVERT
- EXISTING CULVERT
- BATTERY/MVT GROUP
- BESS ZONED AREA

EXAMPLE FIRE ROUTE SIGN PER OTTAWA BYLAW 2003-499

SITE STATISTICS		
DESCRIPTION	UNITS	QUANTITY
INITIAL BATTERY COUNT	UNIT	256
MAXIMUM AUGMENTATION BATTERY COUNT	UNIT	307
INITIAL MEDIUM VOLTAGE TRANSFORMER COUNT	UNIT	64
MAXIMUM AUGMENTATION MEDIUM VOLTAGE TRANSFORMER COUNT	UNIT	77
CONTROL BUILDING AREA	m^2	91.43
SUBSTATION AREA	m^2	8 433
PAD GRAVEL SURFACE	m^2	23 405
ROAD GRAVEL SURFACE	m^2	24 764
APPROXIMATE TOTAL DISTURBED AREA	m^2	92 600

OWNER AND CONSULTANTS		
COMPANIES	PROJECT SCOPE	ADDRESS
EVOLUGEN	PROJECT DEVELOPER	41 RUE VICTORIA, GATINEAU, QC J8X 2A1
BBA	CIVIL ENGINEERING	20 CARLSON CT SUITE 100, ETOBICOKE, ON M9W 7K6
STANTEC	PLANNING, LANDSCAPE PLANS	1331 CLYDE AVE #300, OTTAWA, ON K2C 3G4
HATCH	GEOTECHNICAL, HYDROGEOLOGY	2800 SPEAKMAN DR, MISSISSAUGA, ON L5K 2R7
TULLOCH GEOMATICS INC.	SURVEYOR	900 MORRISON DR. SUITE 208, OTTAWA ON K2H 8K7

ZONING COMPARISON CHART			
RU-ZONE	REQUIRED	PROVIDED 2555 MARCHURST	PROVIDED 2625 MARCHURST
LOT AREA (MINIMUM)	0.8 ha	41.86 ha	42.56 ha
LOT WIDTH (MINIMUM)	50m	614.7m	312.5m
FRONT YARD (MINIMUM)	50m	235	235
INTERIOR SIDE YARD (MINIMUM)	5m	141.2m	293.5m
REAR YARD (MINIMUM)	10m	161.3m	797.8m
LOT COVERAGE (MAXIMUM)	20%	5%	9%
MINIMUM PARKING SPACES	0.8 PER 100m^2 OF GROSS FLOOR AREA	N/A	N/A
MAX BUILDING HEIGHT	12m	0m	0m

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

FOR PERMITTING
NOT TO BE USED FOR CONSTRUCTION

DRAWING No.	DESCRIPTION	REV	DESCRIPTION	PREPARED BY	CHECKED BY	DATE
REFERENCE DRAWINGS		REVISIONS				
		AO	FOR PERMITTING	B. THOMAS	V. BRUNELLE P.E.O NO. 100617887	2026-04-21
		AN	FOR PERMITTING	B. THOMAS	V. BRUNELLE P.E.O NO. 100617887	2026-02-06
		AM	FOR PERMITTING	B. THOMAS	V. BRUNELLE P.E.O NO. 100617887	2026-01-29
	ENVIRONMENTAL-STANTEC.DWG	AL	FOR PERMITTING	B. THOMAS	V. BRUNELLE P.E.O NO. 100617887	2026-01-26
	XR-160402040-L-PLANTING.DWG	AK	FOR PERMITTING	B. THOMAS	V. BRUNELLE P.E.O NO. 100617887	2026-01-23
	241451-SouthMarch_BESS-MTM9-Rev0	AJ	FOR PERMITTING	B. THOMAS	V. BRUNELLE P.E.O NO. 100617887	2025-11-07
	SOUTH MARCH DITCH LINE TOPO	AI	FOR PERMITTING	B. THOMAS	V. BRUNELLE P.E.O NO. 100617887	2025-11-05
7154023-402000-47-D20-0001	SOUTH MARCH BESS-250 MW 230kV-34.5 kV SUBSTATION	AH	FOR PERMITTING	E. AMELI	M. SHAHRAKI	2025-10-07

SEAL:

2026-04-23

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

CLIENT: Evolugen by Brookfield Renewable

PROJECT: SOUTH MARCH
2555 AND 2625 MARCHURST RD, OTTAWA

TITLE: SITE PLAN SHEET 2

PREPARED BY:	DRAFTED BY:
B. THOMAS	G. NORMAND
CHECKED BY:	APPROVED BY:
V. BRUNELLE	V. BRUNELLE
SCALE: 1:1000	DATE: 2024-04-29

DRAWING No.: 7154023-100000-41-D20-0001 | SHEET: 02 | SIZE: A1 | REV. AO

0 1 2 3 4 5 6 7 8 9 10 cm

BY:NORMAND, GABRIEL
PRINTED:2026-04-22 16:07:26

G:\7154\023\40_ING_ENG\41_CIVIL\DESS_DWGS\EN _COURS_IN PROGRESS\GN\7154023-100000-41-D20-0001-02_GN.DWG