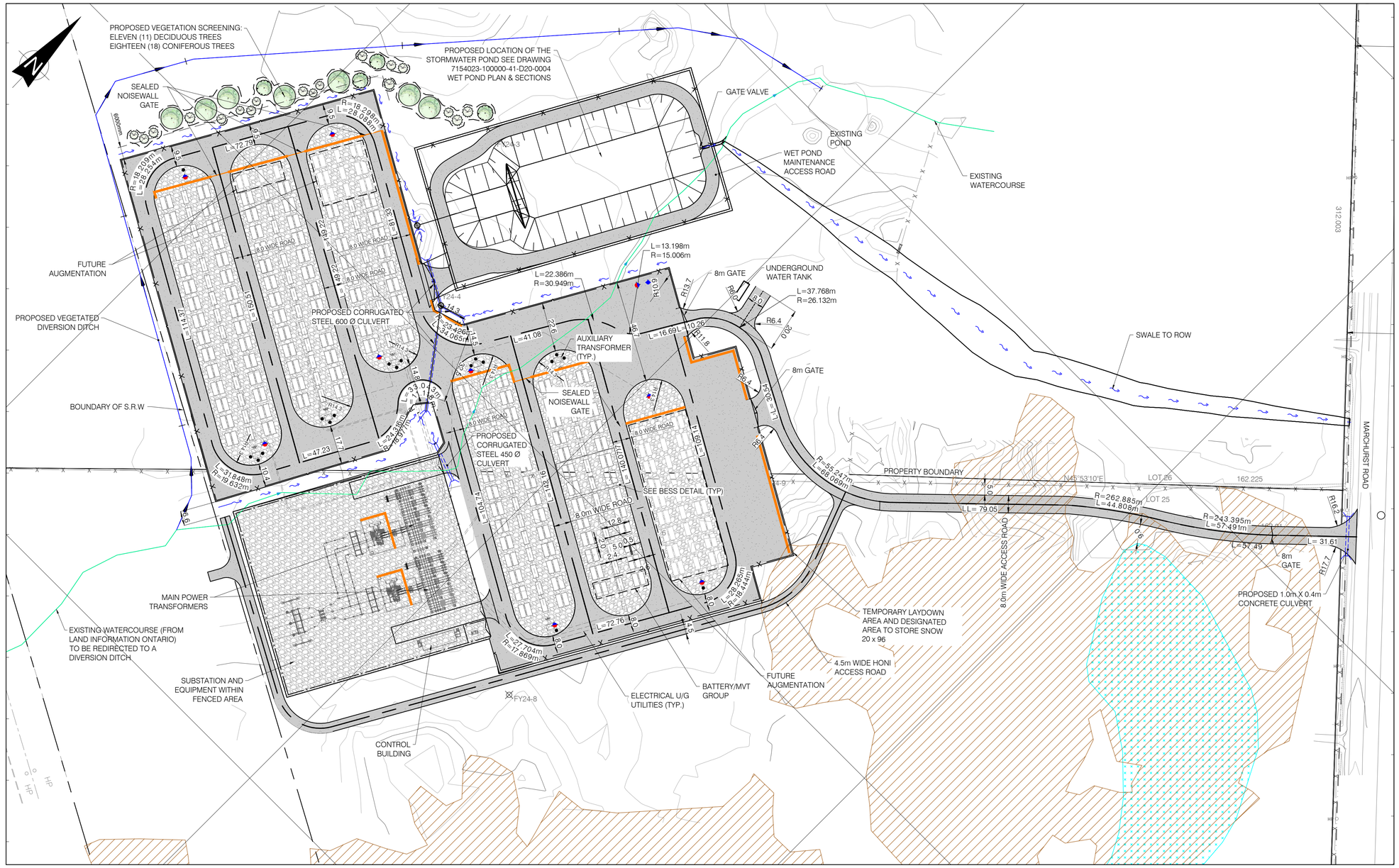
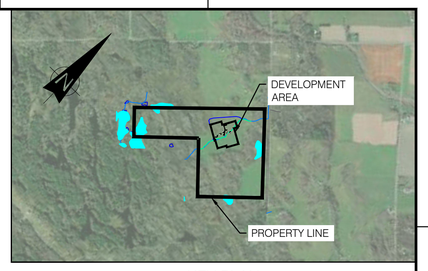


PLAN VIEW
SCALE 1:1000



KEY PLAN
SCALE: N.T.S.

NOTES:

ADDRESS: 2555 AND 2625 MARCHURST RD

LEGAL DESCRIPTION: CON 1 LOT 25 AND 26

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

1. PROJECT COORDINATES ARE SET IN NAD83(CSRS) / MTM ZONE 9 - EPSG:2952..
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 NOISE WALL
- PROPERTY LINE
- EXISTING WATERCOURSE (LAND INFORMATION ONTARIO)
- WETLAND (LAND INFORMATION ONTARIO)
- WOODED AREA (LAND INFORMATION ONTARIO)
- PROPOSED DITCH
- PROPOSED GRAVEL SURFACE AREA
- PROPOSED INSULATING STONE SURFACE AREA
- PROPOSED VEGETATED DIVERSION DITCH
- PROPOSED CULVERT
- BATTERY/MVT GROUP

SITE STATISTICS		
DESCRIPTION	UNITS	QUANTITY
BATTERY COUNT	UNIT	256
MEDIUM VOLTAGE TRANSFORMER COUNT	UNIT	64
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

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	253.8m	264.4m
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	3m	3m
MAX BUILDING HEIGHT	12m	0m	0m

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

FOR PERMITTING

DRAWING No.	DESCRIPTION
7154023-402000-47-D20-0001	SOUTH MARCH BESS-250 MW 230kV-34.5 kV SUBSTATION

REFERENCE DRAWINGS

REV	DESCRIPTION	PREPARED BY	CHECKED BY	DATE
AE	FOR PERMITTING	E. AMELI	M. SHAHRAKI	2025-07-09
AD	FOR PERMITTING	E. AMELI	M. SHAHRAKI	2025-07-03
AC	FOR COMMENTS	E. AMELI	M. SHAHRAKI	2025-06-26
AB	FOR PERMITTING	E. AMELI	M. SHAHRAKI	2025-06-19
AA	FOR COMMENTS	E. AMELI	M. SHAHRAKI	2025-04-29

REVISIONS

SEAL: LICENSED PROFESSIONAL ENGINEER — E. AMELI 100617996 — PROVINCE OF ONTARIO — 2025-07-09

CLIENT: Evolugen by Brookfield Renewable

PROJECT: SOUTH MARCH
2555 AND 2625 MARCHURST RD, OTTAWA

TITLE: SITE PLAN SHEET 2

PREPARED BY: E. AMELI	DRAFTED BY: D.JAMES
CHECKED BY: E. AMELI	APPROVED BY: M.SHAHRAKI
SCALE: 1:1000	DATE: 2024-04-29

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

BY:CHEUNG, LAWRENCE
PRINTED 2025-07-09 11:56:22 PM

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