



**NOTES:**

ADDRESS AND LEGAL DESCRIPTION:  
 2555 MARCHURST ROAD  
 PART OF PIN: 04533-0509 (LT)  
 E 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, MH3665, MH4024; CITY OF OTTAWA

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

- PROJECT COORDINATES ARE SET IN HORIZONTAL: NAD83(CRS) / MTM ZONE 9 - EPSG:2982. VERTICAL: CGVD28
- 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
- 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°
- BATTERY ARRANGEMENT IS PER 7154023-300000-47-D20-0001-02.DWG.
- CONTRACT DESIGN DRAWINGS SHALL BE READ IN CONJUNCTION WITH PROJECT SPECIFICATIONS, STANDARD DRAWINGS AND THE GEOTECHNICAL REPORT.
- CONTRACTOR TO REVIEW THE PRELIMINARY GEOTECHNICAL REPORT PREPARED BY HATCH DATED 2025-02-28. FILE H375142-0000-240-230-0001 BEFORE STARTING CONSTRUCTION.
- 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	---	EXISTING FENCE
●	CATCHBASIN WITH FILTER	-x-x-	PROPOSED FENCE
●	DRAFT FIRE HYDRANT	---	STORM PIPE
●	REMOTE FIRE-HYDRANT	---	WATER LINE
○	LIGHT STANDARD	---	OFFSET LINE
○	PROPOSED MANHOLE	---	EXISTING TRANSMISSION LINE
○	CATCH BASIN MANHOLE	---	PROPOSED 4.5m NOISE WALL
○	HP EXISTING-HYDRO POLE	---	PROPERTY LINE
○	UM UNDERGROUND UTILITY MARKER	---	EXISTING WATERCOURSE (LAND INFORMATION ONTARIO)
○	TB TERMINAL BOX	---	WETLAND (LAND INFORMATION ONTARIO)
○	AN ANCHOR	---	WOODED AREA (LAND INFORMATION ONTARIO)
○	BOLLARD	---	PROPOSED PADS AND ROADS
○	VENT	---	PROPOSED SURFACE WATER FEATURES
○	EXISTING BOREHOLE	---	PROPOSED VEGETATED BERMS
○	AUXILIARY TRANSFORMER	---	PROPOSED REGISTERED FIRE ROUTE
○	DISTRIBUTION PANELS	---	PROPOSED INSULATING STONE SURFACE AREA
○		---	LANDSCAPING
---		---	PROPOSED CULVERT
---		---	EXISTING CULVERT
---		---	BATTERY/MVT GROUP
---		---	BESS ZONED AREA

PLAN VIEW SCALE 1:1000



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 <sup>2</sup>	91.43	
SUBSTATION AREA	m <sup>2</sup>	8 433	
PAD GRAVEL SURFACE	m <sup>2</sup>	23 405	
ROAD GRAVEL SURFACE	m <sup>2</sup>	24 764	
APPROXIMATE TOTAL DISTURBED AREA	m <sup>2</sup>	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 SPEARMAN 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 <sup>2</sup> OF GROSS FLOOR AREA	N/A	N/A
MAX BUILDING HEIGHT	12m	0m	0m

SCALE 1:1000

DRAWING No.	DESCRIPTION	REV	DESCRIPTION	PREPARED BY	CHECKED BY	DATE
7154023-402000-47-D20-0001	SOUTH MARCH BESS-250 MW 230KV-34.5 kV SUBSTATION	AK	FOR PERMITTING	B. THOMAS	V. BRUNELLE	2026-01-23
		AL	FOR PERMITTING	B. THOMAS	V. BRUNELLE	2026-01-26
		AM	FOR PERMITTING	B. THOMAS	V. BRUNELLE	2026-01-29
		AN	FOR PERMITTING	B. THOMAS	V. BRUNELLE	2026-04-21
		AP	FOR PERMITTING	B. THOMAS	V. BRUNELLE	2026-06-12
		AQ	FOR PERMITTING	B. THOMAS	V. BRUNELLE	2026-06-30
		AR	FOR PERMITTING	B. THOMAS	V. BRUNELLE	2026-07-02

APPLICATION FILE NUMBER: 007-12-25-0096  
 PLAN NUMBER: 19401

**BBA**

**Evolgen**  
 by Brookfield Renewable

CLIENT:

PROJECT: SOUTH MARCH 2555 AND 2625 MARCHURST RD, OTTAWA  
 TITLE: SITE PLAN SHEET 2

PREPARED BY: B. THOMAS  
 CHECKED BY: V. BRUNELLE  
 SCALE: 1:1000  
 DRAWING No.: 7154023-100000-41-D20-0001

DRAFTED BY: G. NORMAND  
 APPROVED BY: V. BRUNELLE  
 DATE: 2024-04-29

SHEET: 02  
 SIZE: A1  
 REV: AR