



NOTES:

ADDRESS: 2555 AND 2625 MARCHURST RD, DUNDAS, ON

LEGAL DESCRIPTION: CON 1 LOT 25 AND 26
2625 MARCHURST RD - 42.56 ha

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

- PROJECT COORDINATES ARE SET IN, HORIZONTAL : NAD83(CSRS) / MTM ZONE 9 - EPS 2982. VERTICAL : CGVD28
- ROAD DIMENSIONS AND TURNING RADIUS HAVE BEEN DESIGNED TO ACCOMMODATE A TRIM 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 FIREHYDRANT	---	WATER LINE
○	LIGHT STANDARD	---	OFFSET LINE
○	PROPOSED STANDARD	---	EXISTING TRANSMISSION LINE
○	CATCH BASIN MANHOLE	---	PROPOSED 4.5m NOISE WALL
○	HP	---	PROPERTY LINE
○	EXISTING HYDRO POLE	---	EXISTING WATERCOURSE (LAND INFORMATION ONTARIO)
○	UM	---	WETLAND (LAND INFORMATION ONTARIO)
○	TR	---	WOODED AREA (LAND INFORMATION ONTARIO)
○	AN	---	PROPOSED PADS AND ROADS
○	ANCHOR	---	PROPOSED DITCHES AND SWALES
○	VENT	---	PROPOSED VEGETATED BERMS
○	EXISTING BOREHOLE	---	PROPOSED REGISTERED FIRE ROUTE
○	AUXILIARY TRANSFORMER	---	PROPOSED INSULATING STONE SURFACE AREA
○	DISTRIBUTION PANELS	---	LANDSCAPING
---		---	PROPOSED CULVERT
---		---	EXISTING CULVERT
---		---	BATTERY/MVT GROUP

PLAN VIEW
SCALE 1:1000

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 J8X2A1
BBA	CIVIL ENGINEERING	20 CARLSON CTSUITE 100, ETOBICOKE, ON M9W7K6
STANTEC	PLANNING, LANDSCAPE PLANS	1331 CLYDEAVE #300, OTTAWA ON K2C3G4
HATCH	GEOTECHNICAL, HYDROGEOLOGY	2800 SPEARMAN DR, MISSISSAUGA, ON L5K2R7
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

FOR PERMITTING
NOT TO BE USED FOR CONSTRUCTION

DRAWING No.	DESCRIPTION	REV	DESCRIPTION	PREPARED BY	CHECKED BY	DATE
		AJ	FOR PERMITTING	B. THOMAS	V. BRUNELLE	2025-11-07
		AI	FOR PERMITTING	B. THOMAS	V. BRUNELLE	2025-11-05
	ENVIRONMENTAL-STANTEC.DWG	AH	FOR PERMITTING	E. AMELI	M. SHAHRAKI	2025-10-07
	XR-160402040-L-PLANTING.DWG	AG	FOR COMMENTS	E. AMELI	M. SHAHRAKI	2025-09-29
	241451-SouthMarch_BESS-MTM9-Rev0	AF	FOR COMMENTS	E. AMELI	M. SHAHRAKI	2025-09-16
	SOUTH MARCH DITCH LINE TOPO	AE	FOR PERMITTING	E. AMELI	M. SHAHRAKI	2025-07-09
	7154023-402000-47-D20-0001	AD	FOR PERMITTING	E. AMELI	M. SHAHRAKI	2025-07-03
		AC	FOR COMMENTS	E. AMELI	M. SHAHRAKI	2025-06-26

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
DATE: 2024-04-29

DRAFTED BY: G. NORMAND
APPROVED BY: V. BRUNELLE

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