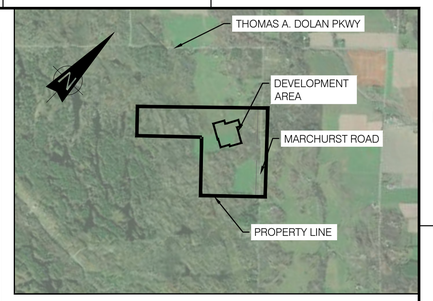



KEY PLAN
SCALE: N.T.S.

LEGEND:

- GATE VALVE
- PROPOSED CATCHBASIN
- DRAFT FIRE HYDRANT
- REMOTE FIREHYDRANT
- LIGHT STANDARD
- PROPOSED MANHOLE
- CATCH BASIN MANHOLE
- EXISTING HYDRO POLE
- UNDERGROUND UTILITY MARKER
- TERMINAL BOX
- ANCHOR
- BOLLARD
- BLOW OFF VALVE
- VENT
- EXISTING BOREHOLE
- BESS
- MV TRANSFORMER
- BESS (AUGMENTATION)
- MV TRANSFORMER (AUGMENTATION)
- DISTRIBUTION PANELS
- EXISTING FENCE
- PROPOSED FENCE
- STORM PIPE
- WATER LINE
- EXISTING WATERCOURSE
- EXISTING TRANSMISSION LINE
- OFF SET LINE
- PROPERTY LINE
- PROPOSED 4.5m NOISE WALL
- PROPOSED GRAVEL SURFACE AREA
- PROPOSED INSULATING STONE SURFACE AREA
- LANDSCAPING
- PAD STRUCTURE
- PAD STRUCTURE WITH GRANULAR MATERIAL
- PROPOSED CULVERT
- EXISTING CULVERT
- SURFACE DRAINAGE DIRECTION

PLAN VIEW
SCALE 1:1000

FOR PERMITTING

ADAM BROWN
MANAGER , DEVELOPMENT REVIEW RURAL
PLANNING, DEVELOPMENT & BUILDING SERVICES DEPARTMENT, CITY OF OTTAWA

APPROVED
By Adam Brown at 2:02 pm, Nov 23, 2026

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

- TOP OF PADS — XX.XX TP
- POND — XX.XX PND
- ROADS — XX.XX RD
- TOP OF BERM — XX.XX BRM
- DRAINAGE — XX.XX DR
- EXISTING DRAINAGE — XX.XX EDR
- EXISTING GROUND — XX.XX EG

NOTES:

1. PROJECT COORDINATES ARE SET IN, HORIZONTAL ; NAD83(CSRS) / MTM ZONE 9 - EPSG:2952. VERTICAL ; CGVD28
2. SITE SURVEY PROVIDED BY TULLOCK GEOMATCICS INC, ISSUED MARCH 11, 2025, SURVEY FILE #241451.
3. ALL REQUIRED PERMITS MUST BE IN PLACE BEFORE START OF CONSTRUCTION.
4. 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
5. BATTERY ARRANGEMENT IS PER DRAWING 7154023-300000-47-D20-0001-02.
6. FOR LOCATION OF THE PROPOSED UNDERGROUND UTILITIES SEE SITE SERVING PLAN 7154023-100000-41-D20-0003.DWG
7. SITE GRADES ARE TO BE ABOVE THE 1 IN 100 YEAR FOOD LEVEL OF EXISTING CREEK.
8. DUE TO THE GRADE RAISE AT THE SITE AND IN ACCORDANCE WITH THE HATCH GEOTECHNICAL REPORT DATED FEBRUARY 28, 2025, CONTRACTORS BIDDING ON OR PERFORMING WORK AT THE SITE ARE REQUIRED TO REVIEW THE INVESTIGATION'S FACTUAL FINDINGS, ASSESS THE ADEQUACY OF THE PROVIDED INFORMATION FOR CONSTRUCTION PURPOSES, AND INDEPENDENTLY INTERPRET THE DATA. AS PRECONSOLIDATION MEASURES SUCH AS PRELOADING MAY BE NECESSARY, THE PROPOSED GRADE SHALL BE REFINED TO OPTIMIZE THE COST ASSOCIATED FOR ROCK EXCAVATION AND/OR ANY NECESSARY REMEDIAL MEASURES FOR SETTLEMENT.
9. ROAD PAVEMENT STRUCTURE ON TOP OF THE BEDROCK TO BE OPTIMIZED BY GEOTECHNICAL ENGINEER DURING DETAILED DESIGN.
10. AN IMPERVIOUS GEOMEMBRANE WILL BE LAID DOWN ACROSS THE WHOLE SITE (EXCEPT THE SUBSTATION AREA), WHICH COLLECTS THE STORM WATER ALONG WITH ANY POSSIBLE CONTAMINATION. THE RUNOFF FLOW EVENTUALLY GOES TO A WET POND, WHICH WILL BE EQUIPPED WITH AN IMPERVIOUS GEOMEMBRANE AND A GATE VALVE. THIS SYSTEM DOES NOT ALLOW ANY CONTAMINATION TO BE DISCHARGED TO THE UNDERGROUND WATER OR RIGHT-OF-WAY.

| | | | | | | |
|---|---|---|---|---|---|---|
| | | AH | FOR PERMITTING | B. THOMAS | V. BRUNELLE P.E.O NO. 100617887 | 2026-11-18 |
| | | AG | FOR PERMITTING | B. THOMAS | V. BRUNELLE P.E.O NO. 100617887 | 2026-06-12 |
| | | AF | FOR PERMITTING | B. THOMAS | V. BRUNELLE P.E.O NO. 100617887 | 2026-04-21 |
| | ENVIRONMENTAL-STANTEC.DWG | AE | FOR PERMITTING | B. THOMAS | V. BRUNELLE P.E.O NO. 100617887 | 2026-01-23 |
| | XR-160402040-L-PLANTING.DWG | AD | FOR PERMITTING | B. THOMAS | V. BRUNELLE P.E.O NO. 100617887 | 2025-11-05 |
| | 241451-SouthMarch_BESS-MTM9-Rev0 | AC | FOR PERMITTING | E. AMELI | M. SHAHRAKI | 2025-07-03 |
| | SOUTH MARCH DITCH LINE TOPO | AB | FOR PERMITTING | E. AMELI | M. SHAHRAKI | 2025-06-19 |
| 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 |
| DRAWING No. | DESCRIPTION | REV | DESCRIPTION | PREPARED BY | CHECKED BY | DATE |
| REFERENCE DRAWINGS | | REVISIONS | | | | |

SEAL:
LICENSED PROFESSIONAL ENGINEER — V. BRUNELLE 100617887 — PROVINCE OF ONTARIO
2026-11-18

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
ROADS AND FINISHED GRADE PLAN

| | |
|---|---|
| PREPARED BY: B. THOMAS | DRAFTED BY: G.NORMAND |
| CHECKED BY: V. BRUNELLE | APPROVED BY: V. BRUNELLE |
| SCALE: 1:1000 | DATE: 2024-03-03 |

DRAWING No.: 7154023-100000-41-D20-0005 | SHEET: 01 | SIZE: A1 | REV.: AH

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

G:\7154\023\40_ING_ENG\41_CIVIL\DESS_DWGS\EN _COURS_IN PROGRESS\GN\7154023-100000-41-D20-0005_GN.DWG

CITY FILE no.: D07-12-25-0096 PLAN no.: 19401

BY:BOURGUIGNON, EMILY
PRINTED:2026-11-18 12:16:41