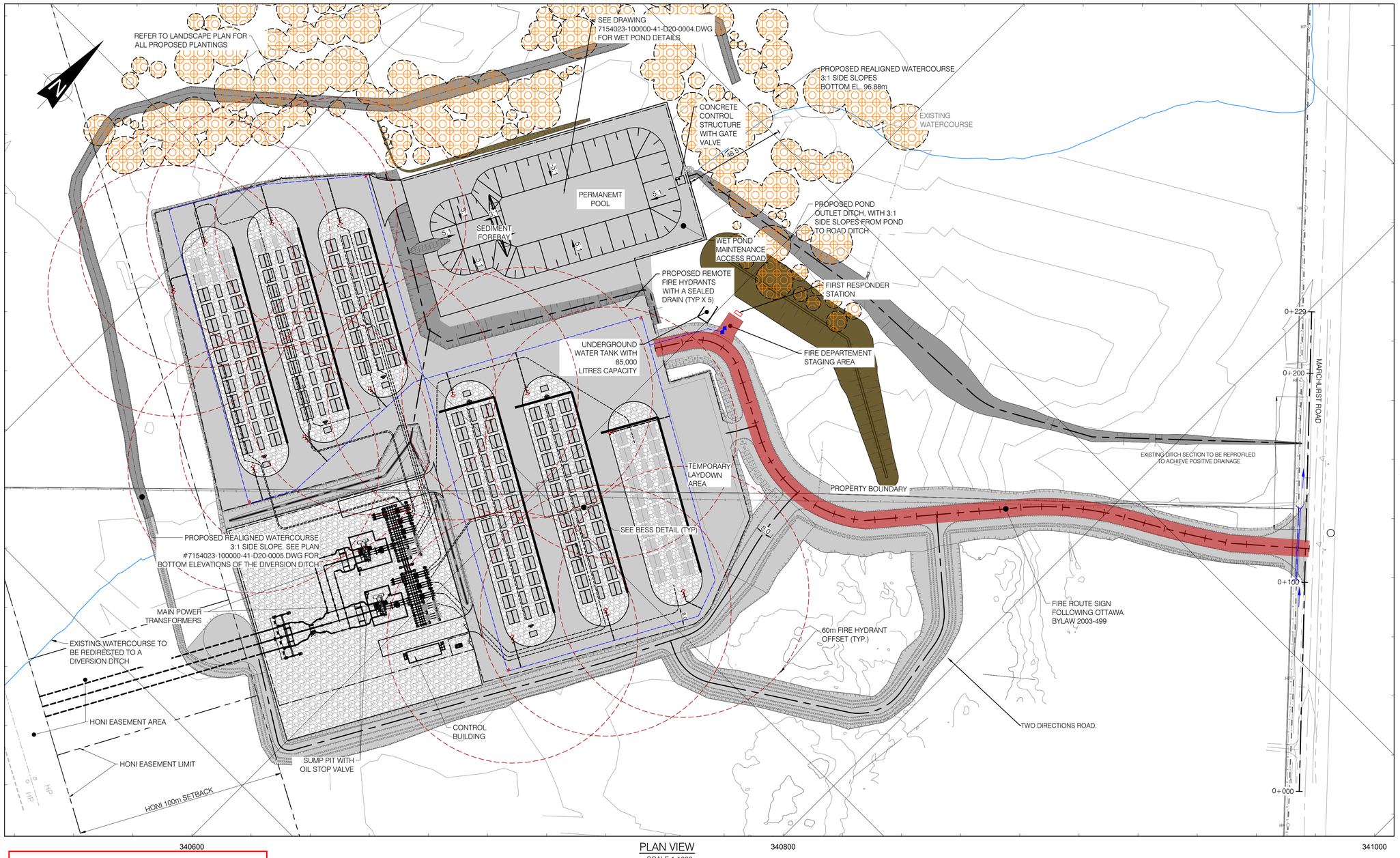
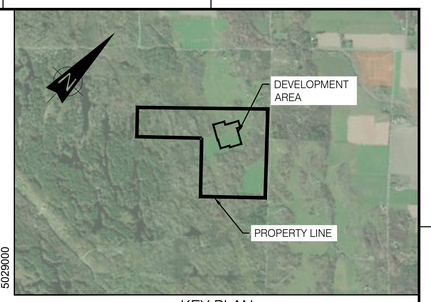
340400 340600




340600 340800 341000

PLAN VIEW
SCALE 1:1000




KEY PLAN
SCALE: N.T.S.

NOTES:

1. PROJECT COORDINATES ARE SET IN, HORIZONTAL ; NAD83(CSRS) / MTM ZONE 9 - EPSG:2952. VERTICAL ; CGVD28
2. COORDINATES ARE IN METERS AND ELEVATIONS ARE METERS.OBSERVED REFERENCE POINTS ARE DERIVED FROM REAL TIME KINEMATIC (RTK) GNSS OBSERVATIONS USING SPECIFIED CONTROL POINTS AND ARE REFERRED TO MTM ZONE 9, (76°30' WEST LONGITUDE) NAD83 (CSRS) (2010).COORDINATES TO URBAN ACCURACY PER SEC. 14(2) OF O.REG. 216/10.
3. SITE SURVEY PROVIDED BY TULLOCK GEOMATICS INC, ISSUED MARCH 11, 2025, SURVEY FILE #241451.
4. ALL REQUIRED PERMITS MUST BE IN PLACE BEFORE START OF CONSTRUCTION.
5. BATTERY ARRANGEMENT IS PER 7154023-300000-47-D20-0001-02.DWG.
6. INSULATION IS REQUIRED WHERE PIPE COVER IS LESS THAN 1.8m TO SPRINGLINE OF PIPE.
7. ALL STORMWATER PIPES ARE ARMTEC BOSS 2000 HDPE PIPE WITH 320 kPa STIFFNESS, UNLESS OTHERWISE NOTED.
8. ALL MANHOLE COVERS TO BE CL-625 ONT LOAD RATED.
9. MINIMUM 300mm VERTICAL CLEARANCE IS REQUIRED AT STORM PIPE CROSSINGS WITH ELECTRICAL UTILITIES AND WATER PIPES.
10. CONTRACTOR TO REVIEW THE GEOTECHNICAL REPORT PROVIDED BY HATCH: "SOUTH MARCH ROAD BATTERY ENERGY STORAGE SYSTEM (BESS), PRELIMINARY GEOTECHNICAL INVESTGATION", PROJECT #H375142-0000-240-230-0001, REV. A, DATED FEBRUARY 28, 2025.
11. THE FIRE PROTECTION TANK SHALL BE FILLED VIA A TRUCK AND SHALL HAVE A LEVEL GAUGE VISIBLE TO MAINTENANCE STAFF CONDUCTING SITE ROUNDS.

LEGEND:

- LS LIGHT STANDARD
- HP EXISTING HYDRO POLE
- UM UNDERGROUND UTILITY MARKER
- TB TERMINAL BOX
- AN ANCHOR
- BOLLARD
- POST INDICATOR VALVE
- V VENT
- EXISTING BOREHOLE
- BESS
- MV TRANSFORMER
- BESS (AUGMENTATION)
- MV TRANSFORMER (AUGMENTATION)
- DISTRIBUTION PANELS
- FLOW DIRECTION
- HYDRANT
- HYDRANTS BOLLARDS
- BATTERY CORNERS BOLLARDS
- POST INDICATOR VALVE
- 60m RADIUS PROTECTION
- EXISTING FENCE
- PROPOSED FENCE
- PROPOSED NOISE WALL
- STM STORM PIPE
- EXISTING WATERCOURSE
- OFFSET LINE
- EXISTING TRANSMISSION LINE
- PROPERTY LINE
- BT BURIED TELECOMMUNICATIONS
- BE BURIED ELECTRIC
- PROPOSED GRAVEL SURFACE AREA
- PROPOSED INSULATING STONE SURFACE AREA
- MAIN PIPE FIRE PROTECTION 200mm HDPE DR11 PE4710
- PIPE CONNECTION 150mm HDPE DR11 PE4710
- PROPOSED REGISTERED FIRE ROUTE
- LANDSCAPING

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

***APPROVED***
***By Adam Brown at 2:03 pm, Nov 23, 2026***

FOR PERMITTING

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

| DRAWING No. | DESCRIPTION | REV | DESCRIPTION | PREPARED BY | CHECKED BY | DATE |
|---|---|---|---|---|---|---|
| REFERENCE DRAWINGS | | REVISIONS | | | | |
| | | AI | FOR PERMITTING | B. THOMAS | V. BRUNELLE P.E.O NO. 100617887 | 2026-11-18 |
| | | AH | FOR PERMITTING | B. THOMAS | V. BRUNELLE P.E.O NO. 100617887 | 2026-06-12 |
| | | AG | FOR PERMITTING | B. THOMAS | V. BRUNELLE P.E.O NO. 100617887 | 2026-04-21 |
| | ENVIRONMENTAL-STANTEC.DWG | AF | FOR PERMITTING | B. THOMAS | V. BRUNELLE P.E.O NO. 100617887 | 2026-01-23 |
| | XR-160402040-L-PLANTING.DWG | AE | FOR PERMITTING | B. THOMAS | V. BRUNELLE P.E.O NO. 100617887 | 2025-11-05 |
| | 241451-SouthMarch_BESS-MTM9-Rev0 | AD | FOR PERMITTING | E. AMELI | M. SHAHRAKI | 2025-07-03 |
| | SOUTH MARCH DITCH LINE TOPO | AC | FOR PERMITTING | E. AMELI | M. SHAHRAKI | 2025-06-19 |
| 7154023-402000-47-D20-0001 | SOUTH MARCH BESS-250 MW 230kV-34.5 kV SUBSTATION | AB | FOR COMMENTS | E. AMELI | M. SHAHRAKI | 2025-06-06 |

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

CLIENT: Evolugen by Brookfield Renewable

PROJECT: SOUTH MARCH BESS
2555 AND 2625 MARCHURST RD, OTTAWA

TITLE: CIVIL
SITE SERVICING AND FIRE PROTECTION PLAN

| | |
|---|---|
| PREPARED BY: B. THOMAS | DRAFTED BY: G. NORMAND |
| CHECKED BY: V. BRUNELLE | APPROVED BY: V. BRUNELLE |
| SCALE: 1:1000 | DATE: 2025-03-03 |

DRAWING No.: 7154023-100000-41-D20-0003 | SHEET: 01 | SIZE: A1 | REV.: AI

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

BY:BOURGUIGNON, EMILY
PRINTED:2026-11-18 14:02:09

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

G:\7154023\40_ING_ENG\41_CIVIL\DESS_DWGS\EN _COURS_IN PROGRESS\GN\7154023-100000-41-D20-0003_GN.DWG