



- NOTES:**
- PROJECT COORDINATES ARE SET IN: HORIZONTAL: NAD83(CSRS) / MTM ZONE 9 - EPSG:2952. VERTICAL: CGVD28
 - 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 (78°30' WEST LONGITUDE) NAD83 (CSRS) (2010) COORDINATES TO URBAN ACCURACY PER SEC. 14(2) OF O. REG. 216/10.
 - SITE SURVEY PROVIDED BY TULLOCK GEOMATICS INC. ISSUED MARCH 11, 2025, SURVEY FILE #241451.
 - ALL REQUIRED PERMITS MUST BE IN PLACE BEFORE START OF CONSTRUCTION.
 - BATTERY ARRANGEMENT IS PER 7154023-300000-47-D20-0001-02.DWG.
 - INSULATION IS REQUIRED WHERE PIPE COVER IS LESS THAN 1.8m TO SPRINGLINE OF PIPE.
 - ALL STORMWATER PIPES ARE ARMETEC BOSS 2000 HDPE PIPE WITH 320 kPa STIFFNESS, UNLESS OTHERWISE NOTED.
 - ALL MANHOLE COVERS TO BE CL-625 ONT LOAD RATED.
 - MINIMUM 300mm VERTICAL CLEARANCE IS REQUIRED AT STORM PIPE CROSSINGS WITH ELECTRICAL UTILITIES AND WATER PIPES.
 - CONTRACTOR TO REVIEW THE GEOTECHNICAL REPORT PROVIDED BY HATCH: "SOUTH MARCH ROAD BATTERY ENERGY STORAGE SYSTEM (BESS), PRELIMINARY GEOTECHNICAL INVESTIGATION", PROJECT #H375142-0000-2A0-230-0001, REV. A, DATED FEBRUARY 28, 2025.
 - 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
 - AN ANCHOR
 - BOLLARD
 - POST INDICATOR VALVE
 - 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
 - STORM PIPE
 - EXISTING WATERCOURSE
 - OFFSET LINE
 - EXISTING TRANSMISSION LINE
 - PROPERTY LINE
 - BURIED TELECOMMUNICATIONS
 - 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

PLAN VIEW
SCALE 1:1000



FOR PERMITTING

DRAWING No.	DESCRIPTION	REV	DESCRIPTION	PREPARED BY	CHECKED BY	DATE
ENVIRONMENTAL-STANTEC.DWG		AE	FOR PERMITTING	B. THOMAS	V. BRUNELLE	2025-11-05
XP-160402040-L-PLANTING.DWG		AD	FOR PERMITTING	E. AMELI	M. SHAHRAKI	2025-07-03
241451-SouthMarch_BESS-MTM9-Rev0		AC	FOR PERMITTING	E. AMELI	M. SHAHRAKI	2025-06-19
SOUTH MARCH DITCH LINE TOPO		AB	FOR COMMENTS	E. AMELI	M. SHAHRAKI	2025-06-06
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
ENVIRONMENTAL-STANTEC.DWG		AE	FOR PERMITTING	B. THOMAS	V. BRUNELLE	2025-11-05
XP-160402040-L-PLANTING.DWG		AD	FOR PERMITTING	E. AMELI	M. SHAHRAKI	2025-07-03
241451-SouthMarch_BESS-MTM9-Rev0		AC	FOR PERMITTING	E. AMELI	M. SHAHRAKI	2025-06-19
SOUTH MARCH DITCH LINE TOPO		AB	FOR COMMENTS	E. AMELI	M. SHAHRAKI	2025-06-06
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

SEAL:

Evologen
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: AE