



- NOTES:**
- PROJECT COORDINATES ARE SET IN HORIZONTAL: NAD83(CRS) / MTM ZONE 9 - EPSG:2992. VERTICAL: CGVD28
 - COORDINATES ARE IN METERS AND ELEVATIONS ARE METERS. OBSERVED REFERENCE POINTS ARE DERIVED FROM REAL TIME KINEMATIC (RTK) GNSS OBSERVATIONS USING SPHERE CONTROL POINTS AND ARE REFERRED TO MTM ZONE 9 (F30 WEST LONGITUDE) NAD83 (CRS) (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:**
- OLS LIGHT STANDARD
 - HP EXISTING HYDRO POLE
 - UM UNDERGROUND UTILITY MARKER
 - TR TERMINAL BOX
 - 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
 - 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

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	2026-06-12
	XR-16042040-L-PLANTING.DWG	AG	FOR PERMITTING	B. THOMAS	V. BRUNELLE	2026-04-21
	241451-SouthMarch_BESS-MTMS-Rev0	AF	FOR PERMITTING	B. THOMAS	V. BRUNELLE	2026-01-23
	SOUTH MARCH DITCH LINE TOPO	AE	FOR PERMITTING	B. THOMAS	V. BRUNELLE	2025-11-05
		AD	FOR PERMITTING	E. AMELI	M. SHAHRAKI	2025-07-03
		AC	FOR PERMITTING	E. AMELI	M. SHAHRAKI	2025-06-19
		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
REFERENCE DRAWINGS	DESCRIPTION	REV	DESCRIPTION	PREPARED BY	CHECKED BY	DATE
REVISIONS						

SEAL:

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

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

TITLE: CIVIL
SITE SERVICING AND FIRE PROTECTION PLAN

CLIENT:

PREPARED BY: B. THOMAS
CHECKED BY: V. BRUNELLE
SCALE: 1:1000
DRAWING No.: 7154023-100000-41-D20-0003

DRAFTED BY: G. NORMAND
APPROVED BY: V. BRUNELLE
DATE: 2025-03-03

SHEET: 01
SIZE: A1
REV: AH