



OWNER AND CONSULTANTS		
COMPAGNIES	PROJECT SCOPE	ADDRESS
TRAIL ROAD BESS INC	OWNER / DEVELOPPER	4186 WILLIAM MCEWEN DRIVE, RICHMOND, ON K0A 2E0
BBA	CIVIL ENGINEERING	20 CARLSON COURT, SUITE 100, TORONTO, ON M9W 7K6
STANTEC	PLANNING, LANDSCAPE PLANS	1331 CLYDE AVE. #300, OTTAWA, ON K2C 3G4
HATCH	GEOTECHNICAL, HYDROGEOLOGY	2800 SPEAKMAN Dr. MISSISSAUGA, ON L5K 2R7
TULLOCH GEOMATICS INC.	SURVEYOR	900 MORRISON Dr. SUITE 208, OTTAWA, ON K2H 8K7

DRAWING No.	DESCRIPTION	REV	DESCRIPTION	PREPARED BY	CHECKED BY	DATE
25286.00	TRAIL ROAD INITIAL NOISE CONROL OPTIONS AERCOUSTICS	AD	FOR PERMITTING	B. THOMAS	V. BRUNELLE P. Eng.	2025-01-21
241437	TOPOGRAPHIC PLAN OF SURVEY	AC	FOR PERMITTING	B. THOMAS	V. BRUNELLE P. Eng.	2025-12-04
SURFACE LIDAR	LIDAR DTM OTTAWA-GATINEAU 2019-20 PACKAGE M	AB	FOR PERMITTING	B. THOMAS	V. BRUNELLE P. Eng.	2025-10-28
7154024300000-47-D20-0001-02	TRAIL BESS - 150 MW - 230 kV - 34.5 kV SUBSTATION	AA	FOR COMMENTS	B. THOMAS	V. BRUNELLE P. Eng.	2025-10-22
REFERENCE DRAWINGS		REVISIONS				

LEGEND

WATERCOURSE DITCH
NATURAL RUNOFF CORRIDOR
DIVERSION DITCH
PROPOSED FENCE
PROPERTY LIMIT
STORMWATER PUMP PIPE, HOPE DR17, 150mm
VEGETATION SWALE
MAIN PIPE FIRE PROTECTION 200mm HOPE DR11 PE4710
PIPE CONNECTION 150mm HOPE DR11 PE4710
HYDRANT
HYDRANTS BOLLARDS
BATTERY CORNERS BOLLARDS
POST INDICATOR VALVE
60m RADIUS PROTECTION
FLOW DIRECTION PROPOSED GRADE
PROPOSED CULVERT
TREE LINE
CULTIVATED AREA
ACCES ROAD
PROPOSED INSULATING STONE SURFACE AREA
PROPOSED GRAVEL SURFACE AREA
PROPOSED GRADE
EXISTING GRADE ELEVATION
BATTERY/MWT GROUP
AUXILIARY TRANSFORMER
WET POND
EXISTING POLE
MONUMENT
LANDSCAPING
PROPOSED REGISTERED FIRE ROUTE

NOTES:

- COORDINATES SYSTEM IS:
HORIZONTAL DATUM: MTM_NAD83 (CSRS)_ZONE 9
VERTICAL DATUM: CGVD28
- THIS SITE PLAN HAS BEEN BASED ON THE SURVEYORS TOPOGRAPHY SKETCH PREPARED BY TULLOCH GEOMATICS INC. DATED MARCH 12, 2025
- THE VEHICLE USED TO PERFORM THE SIMULATION IS PUMPER FIRE TRUCK
OVERALL LENGTH= 12.192m
OVERALL WIDTH= 2.489m
COUNTER-STEERING DELAY= 5sec
MAXIMUM WHEEL ANGLE 45.00°
- LOT ADDRESS: 4186 WILLIAM MCEWEN DR, OTTAWA
- REFER TO LANDSCAPE PLAN FOR ALL PROPOSED PLANTINGS
- THE FIRE PROTECTION TANK SHALL BE FILLED VIA A TRUCK, AND SHALL HAVE A LEVEL GAUGE VISIBLE TO MAINTENANCE STAFF CONDUCTING SITE ROUNDS.
- THE REFERENCE COORDINATES COMES FROM THE TULLOCH SURVEY 241437 DONE ON 10th JANUARY 2025

PROJECT: TRAIL ROAD BESS

TITLE: CIVIL BESS SITE PLAN

CLIENT: by Brookfield Renewable

DESIGNED BY: B. THOMAS	DRAFTED BY: A. MENESSES
PREPARED BY: B. THOMAS	CHECKED BY: V. BRUNELLE P. Eng. P.E.O No. 100617887
SCALE: 1:750	DATE: 2025-04-24

DRAWING No.: 7154024-200000-41-D20-0002

SHEET: 01	SIZE: A1	REV: AK
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