

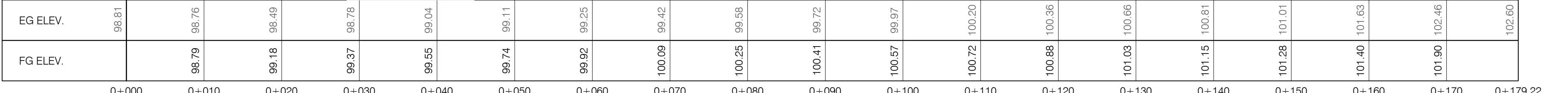


A PROFILE
D20-0005 SCALE: HORIZONTAL 1:400 VERTICAL 1:200

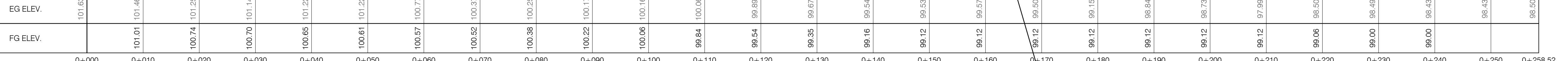
1. TOP SOIL REMOVAL TYPICAL 100mm TO 600mm.THE SUBGRADE SHALL BE INSPECTED BY GEOTECHNICAL ENGINEER
2. THE SUBSTATION AREA GRADE SHALL BE RAISED WITH ENGINEERED FILL, TO BE APPROVED BY GEOTECHNICAL ENGINEER.
3. THE INSULATING CRUSHED ROCK, FOR SUBSTATION AREA, SHALL CONSIST OF A 150mm LAYER OF CRUSHED GRANITE WITH A RESISTIVITY OF AT LEAST 3,000 Q-M.

NOTES:

1. PROJECT COORDINATES ARE SET IN NAD83(CSRS) / MTM ZONE 9 - EPSG:2952.



B PROFILE
D20-0005 SCALE: HORIZONTAL 1:400 VERTICAL 1:200



C PROFILE
D20-0005 SCALE: HORIZONTAL 1:400 VERTICAL 1:200

1. TOP SOIL REMOVAL TYPICAL 100mm TO 600mm. THE SUBGRADE SHALL BE INSPECTED BY GEOTECHNICAL ENGINEER.
2. UNDERNEATH OF THE BESS FOUNDATION ENGINEERED FILL, TO BE APPROVED BY GEOTECHNICAL ENGINEER, SHALL BE USED.
3. FOR AREAS AROUND THE BESS FOUNDATION, SELECT FILL CAN BE USED SUBJECT TO GEOTECHNICAL ENGINEER APPROVAL
4. THE INSULATING CRUSHED ROCK, FOR BESS AREA, SHALL CONSIST OF A 150mm LAYER OF CRUSHED GRANITE WITH A RESISTIVITY OF AT LEAST 3,000 Ω·M.
5. THE PAVEMENT THICKNESS TO BE DEFINED FOR NATIVE SILT CLAY/CLAY AND BEDROCK SUBGRADE CONDITION AS PER HATCH GEOTECH REPORT H3745142-00-000-2A0-230-0001, DATED FEB. 28, 2025.

 PROPOSED FINISHED GROUND
 EXISTING GROUND
 GRAVEL FILL
 PROPOSED GRAVEL SURFACE AREA



		AC	FOR PERMITTING	E. AMELI	M. SHAHRAKI	2025-06-17
		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
DRAWING No.	DESCRIPTION	REV	DESCRIPTION	PREPARED BY	CHECKED BY	DATE
REFERENCE DRAWINGS			REVISIONS			

SEAL:



Evolugen
by Brookfield Renewable

PROJECT:		SOUTH MARCH BESS 2555 AND 2625 MARCHURST RD, OTTAWA		
TITLE:		CIVIL SITE GRADING PROFILES		
DRAWING NO.:		DATE:		
1:400		2024-03-03		
DRAWING NO.:		SHEET:	SIZE:	REV.
7154023-100000-41-D20-0006		01	A1	AC