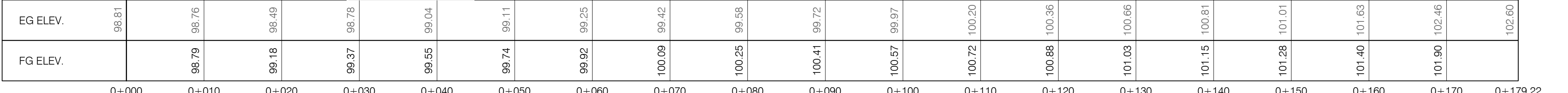


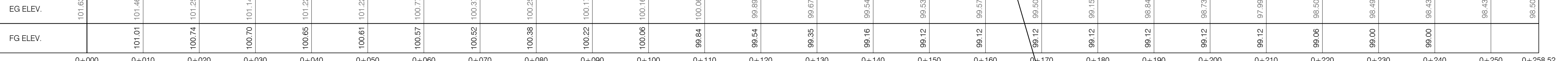


1. TOP SOIL REMOVAL TYPICAL 100mm TO 600mm. THE SUBGRADE SHALL BE INSPECTED BY GEOTECHNICAL ENGINEER
2. THE SUBSTATION AREA GRADE SHALL BE RAISED WITH ENGINEERED FILL, TO BE APPROVED BY GEOTECHNICAL ENGINEER.
3. THE INSULATING CRUSHED ROCK, FOR SUBSTATION AREA, SHALL CONSIST OF A 150mm LAYER OF CRUSHED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



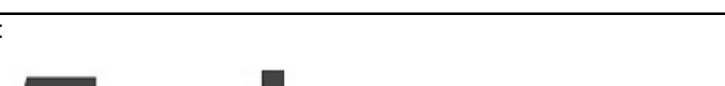
NOTES:

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



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.

5 0 10 20 30 40 m
SCALE 1:400

SEAL:	  2025-06-19		PROJECT: SOUTH MARCH BESS 2555 AND 2625 MARCHURST RD, OTTAWA			
			TITLE: CIVIL SITE GRADING PROFILES			
		CLIENT:	PREPARED BY: E. AMELI		DRAFTED BY: J.MUGGERIDGE	
			CHECKED BY: E. AMELI		APPROVED BY: M.SHAHRAKI	
			SCALE: 1:400		DATE: 2024-03-03	
			DRAWING No.: Z154023-100000-41-D20-0006		SHEET: 01	SIZE: A1



FOR PERMITTING