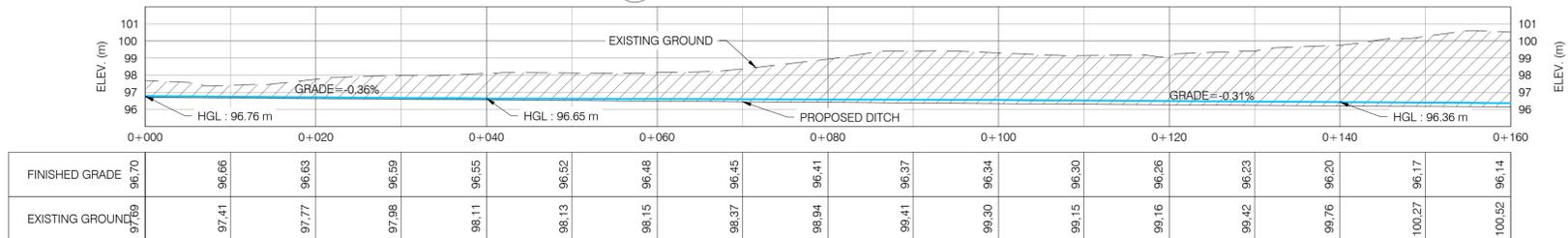
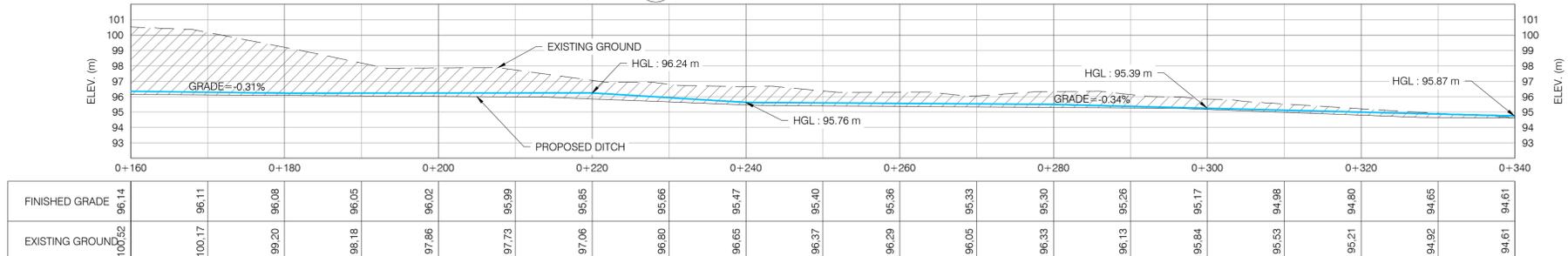


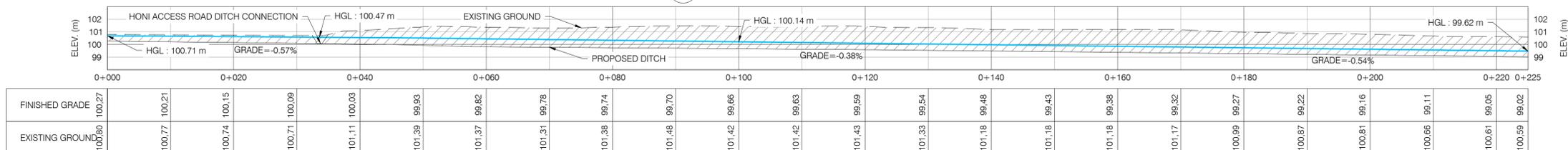
07 PROFILE SURFACE WATER FEATURE



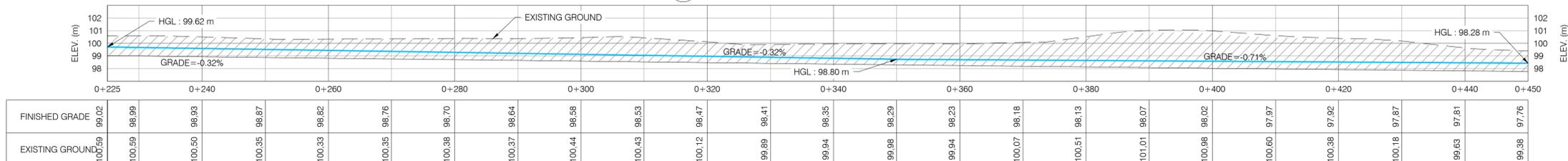
08 PROFILE SURFACE WATER FEATURE



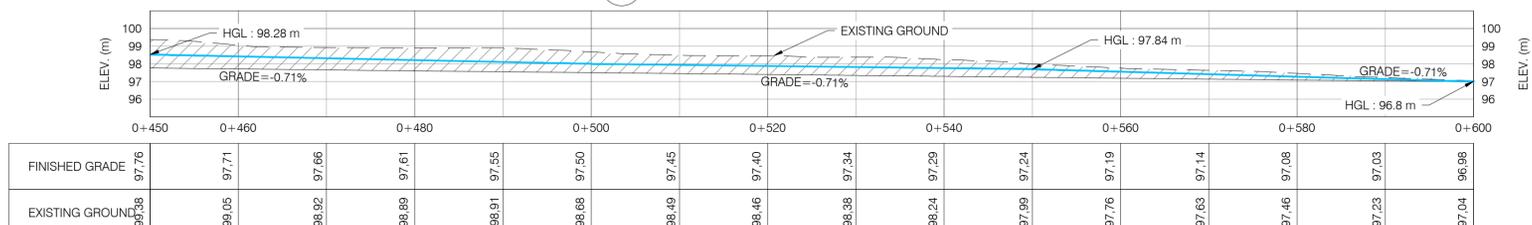
09 PROFILE REALIGNED WATERCOURSE



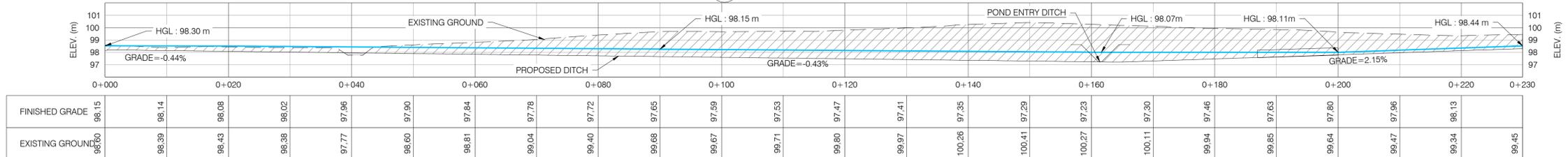
10 PROFILE REALIGNED WATERCOURSE



11 PROFILE REALIGNED WATERCOURSE



12 PROFILE NORTH DITCH

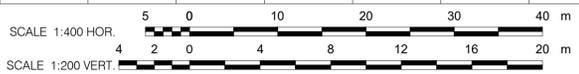


NOTES:

- PROJECT COORDINATES ARE SET IN: HORIZONTAL : NAD83(CRS) / MTM ZONE 9 - EPSG 2982; VERTICAL : CGVD28
- EXISTING GROUND BETWEEN PROPOSED BESS SITE AND DIVERSION DITCH MUST BE GRADE TO ISSUE FREE FLOW AWAY FROM PROPOSED SITE
- TOP SOIL REMOVAL TYPICAL 100MM TO 600MM. THE SUBGRADE SHALL BE INSPECTED BY GEOTECHNICAL ENGINEER
- THE PAVEMENT THICKNESS TO BE DEFINED FOR NATIVE SILTY CLAY/TILL AND BEDROCK SUBGRADE CONDITION AS PER HATCH GEOTECH REPORT H3745142-0000-2A0-230-0001, DATED FEB. 28, 2025
- THE SUBSTATION AREA GRADE SHALL BE RAISED WITH ENGINEERED FILL, TO BE APPROVED BY GEOTECHNICAL ENGINEER
- THE INSULATING CRUSHED ROCK, FOR SUBSTATION AREA, SHALL CONSIST OF A 150MM LAYER OF CRUSHED GRANITE WITH A RESISTIVITY OF AT LEAST 3,000 Ω·M.

**LEGEND:**

- PROPOSED FINISHED GROUND
- EXISTING GROUND
- WATER HGL (100 YEARS EVENT)
- PROPOSED BACKFILL
- PROPOSED EXCAVATION



**FOR PERMITTING**

REFERENCE DRAWINGS	DESCRIPTION	REV	DESCRIPTION	PREPARED BY	CHECKED BY	DATE
ENVIRONMENTAL-STANTEC.DWG						
XP-16040204-L-PLANTING.DWG						
241451-SouthMarch_BESS-MTM9-Rev0		AC	FOR PERMITTING	B. THOMAS	V. BRUNELLE	2026-01-29
SOUTH MARCH DITCH LINE TOPO		AB	FOR PERMITTING	B. THOMAS	V. BRUNELLE	2026-01-23
7154023-402000-47-020-0001	SOUTH MARCH BESS-250 MW 230KV-34.5 KV SUBSTATION	AA	FOR PERMITTING	B. THOMAS	V. BRUNELLE	2025-11-05

SEAL:

APPLICATION FILE NUMBER : D07-12-25-0096  
PLAN NUMBER : 19401

CLIENT:

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

TITLE: CIVIL  
ROADS AND DITCHES PROFILES  
PLAN 2 OF 2

PREPARED BY: B. THOMAS  
CHECKED BY: V. BRUNELLE  
SCALE: 1:1000  
DRAWING No.: 7154023-100000-41-D52-0003

DRAFTED BY: G. NORMAND  
APPROVED BY: V. BRUNELLE  
DATE: 2024-03-03

SHEET: 01  
SIZE: A1  
REV: AC