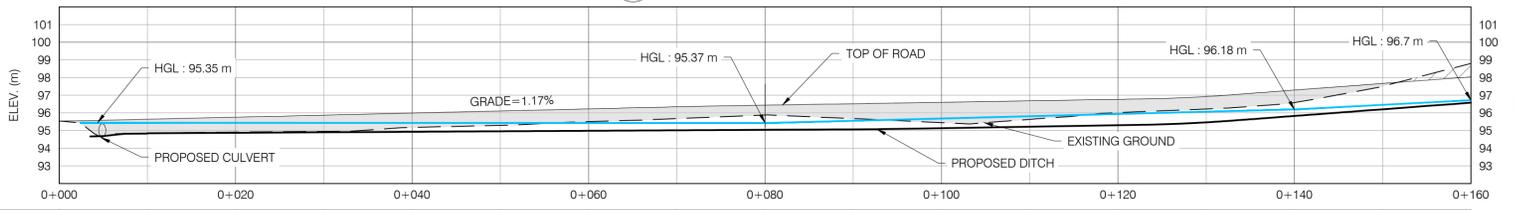


BY: NORMAND, GABRIEL
 PRINTED: 2025-11-05 21:53:46

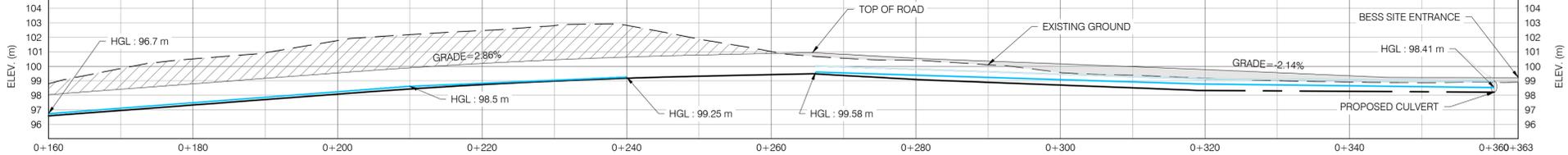
FOR PERMITTING

01
0001 PROFILE ACCESS ROAD



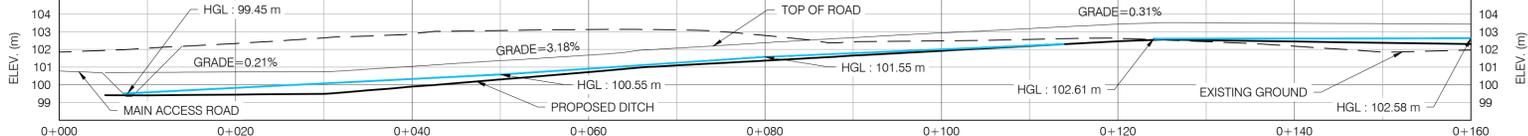
FINISHED GRADE	95.64	95.64	95.75	95.87	95.99	96.11	96.22	96.34	96.43	96.52	96.60	96.68	96.76	96.92	97.29	97.66	98.04
EXISTING GROUND	95.54	94.85	94.91	94.95	95.18	95.29	95.50	95.68	95.88	95.68	95.45	95.63	96.01	96.22	96.58	97.51	98.80

02
0001 PROFILE ACCESS ROAD



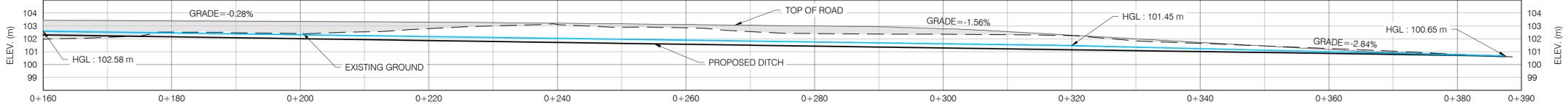
FINISHED GRADE	98.04	98.42	98.79	99.17	99.54	99.90	100.20	100.44	100.64	100.78	100.88	100.93	100.96	100.96	100.96	99.97	99.77	99.56	99.35	99.22	99.21	99.21
EXISTING GROUND	98.90	99.84	100.51	100.93	101.77	102.18	102.47	102.81	102.83	101.88	101.02	100.56	100.41	100.10	99.57	99.39	99.18	99.01	98.91	98.88	98.90	98.90

03
0001 PROFILE HONI ACCESS ROAD



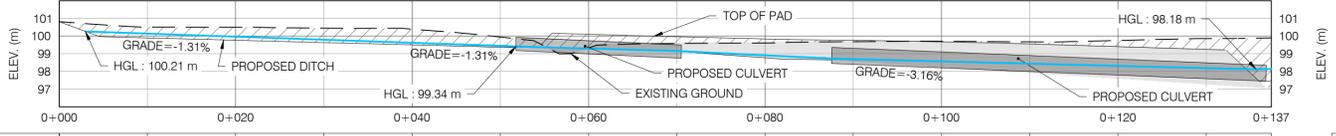
FINISHED GRADE	100.70	100.72	100.74	101.04	101.37	101.68	102.07	102.38	102.67	102.93	103.18	103.43	103.50	103.48	103.46	103.43
EXISTING GROUND	101.85	102.07	102.34	102.65	102.89	103.13	103.11	102.79	102.43	102.48	102.57	102.63	102.44	102.18	101.85	101.97

04
0001 PROFILE HONI ACCESS ROAD



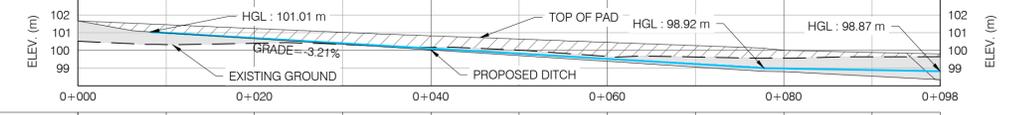
FINISHED GRADE	103.43	103.41	103.39	103.36	103.34	103.32	103.25	103.21	103.16	103.11	103.05	103.00	102.94	102.79	102.55	102.28	102.00	101.72	101.44	101.16	100.94	100.80
EXISTING GROUND	101.97	102.12	102.52	102.47	102.40	102.54	102.79	103.12	102.89	102.85	102.56	102.41	102.37	102.36	102.31	102.25	101.84	101.65	101.44	101.25	101.04	100.80

05
0001 PROFILE MAIN DITCH



FINISHED GRADE	100.81	99.89	99.76	99.63	99.50	99.37	98.77																
EXISTING GROUND	100.81	100.51	100.50	100.45	100.39	99.94	99.33	99.58	99.61	99.68	99.71	99.67	99.75	99.86	99.89								

06
0001 PROFILE SECONDARY DITCH

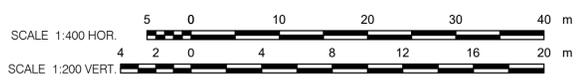


FINISHED GRADE	100.32	100.33	100.41	100.34	100.17	100.02	99.65	99.63	99.56	99.64	99.64
EXISTING GROUND	100.52	100.33	100.41	100.34	100.17	100.02	99.65	99.63	99.56	99.64	99.64

- 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 H3745142-0000-240-230-0001, 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 Q-M.

LEGEND:

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



ENVIRONMENTAL-STANTEC.DWG																							
XP-160402040-L-PLANTING.DWG																							
241451-SouthMarch_BESS-MTM8-Rev0																							
SOUTH MARCH DITCH LINE TOPO																							
7154023-402000-47-020-0001	SOUTH MARCH BESS-250 MW 230KV-34.5 KV SUBSTATION	AA	FOR PERMITTING	B. THOMAS	V. BRUNELLE	P.E.O. NO. 100617887	2025-11-05																
DRAWING No.	DESCRIPTION	REV	DESCRIPTION	PREPARED BY	CHECKED BY	DATE																	
REFERENCE DRAWINGS				REVISIONS																			

SEAL:

CLIENT:

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

TITLE: CIVIL
ROADS AND DITCHES PROFILES
PLAN 1 OF 2

PREPARED BY: B. THOMAS
CHECKED BY: V. BRUNELLE
SCALE: 1:1000
DATE: 2024-03-03

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

DRAWING No.: 7154023-100000-41-D52-0002
SHEET: 01
SIZE: A1
REV: AA