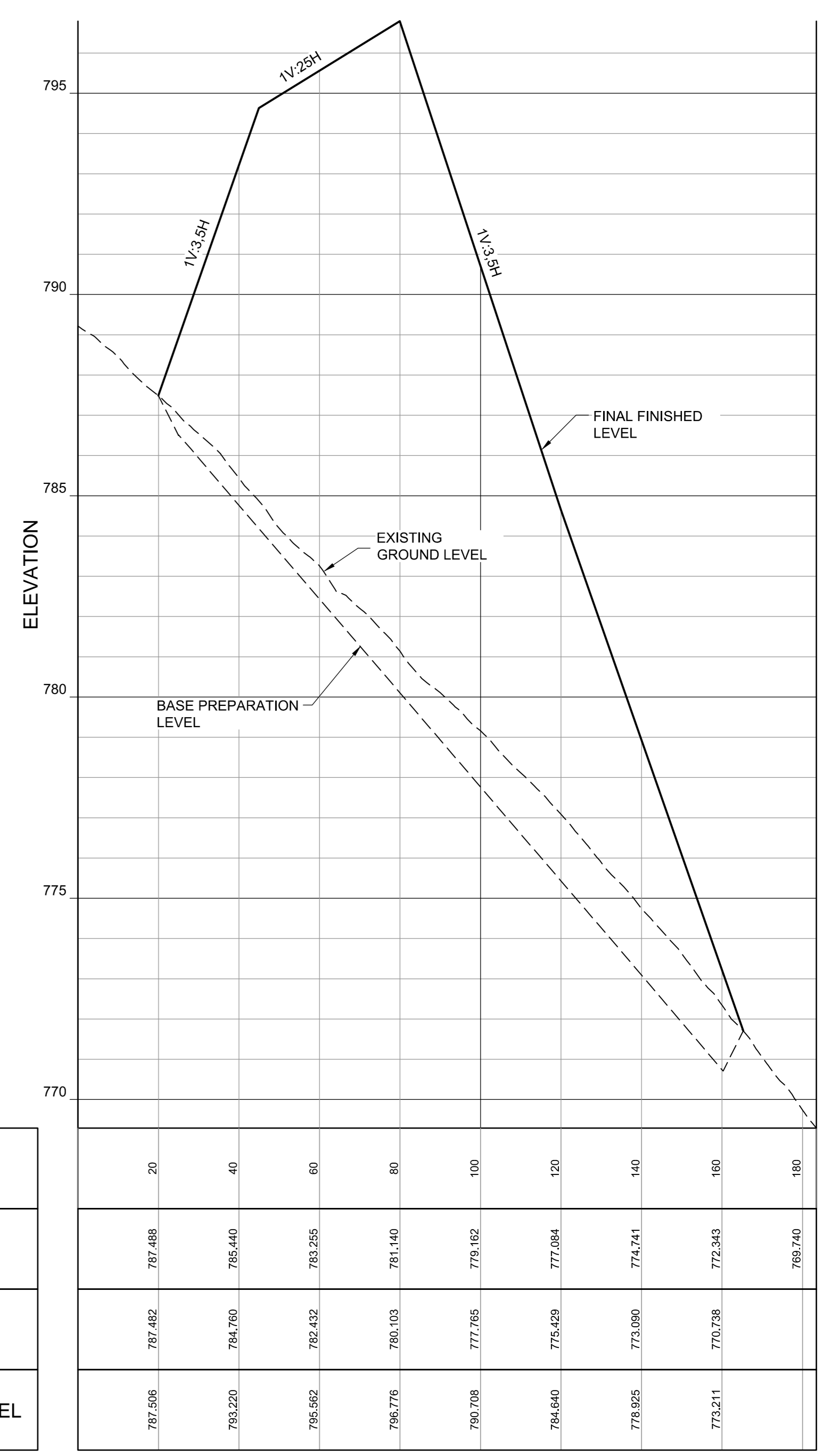
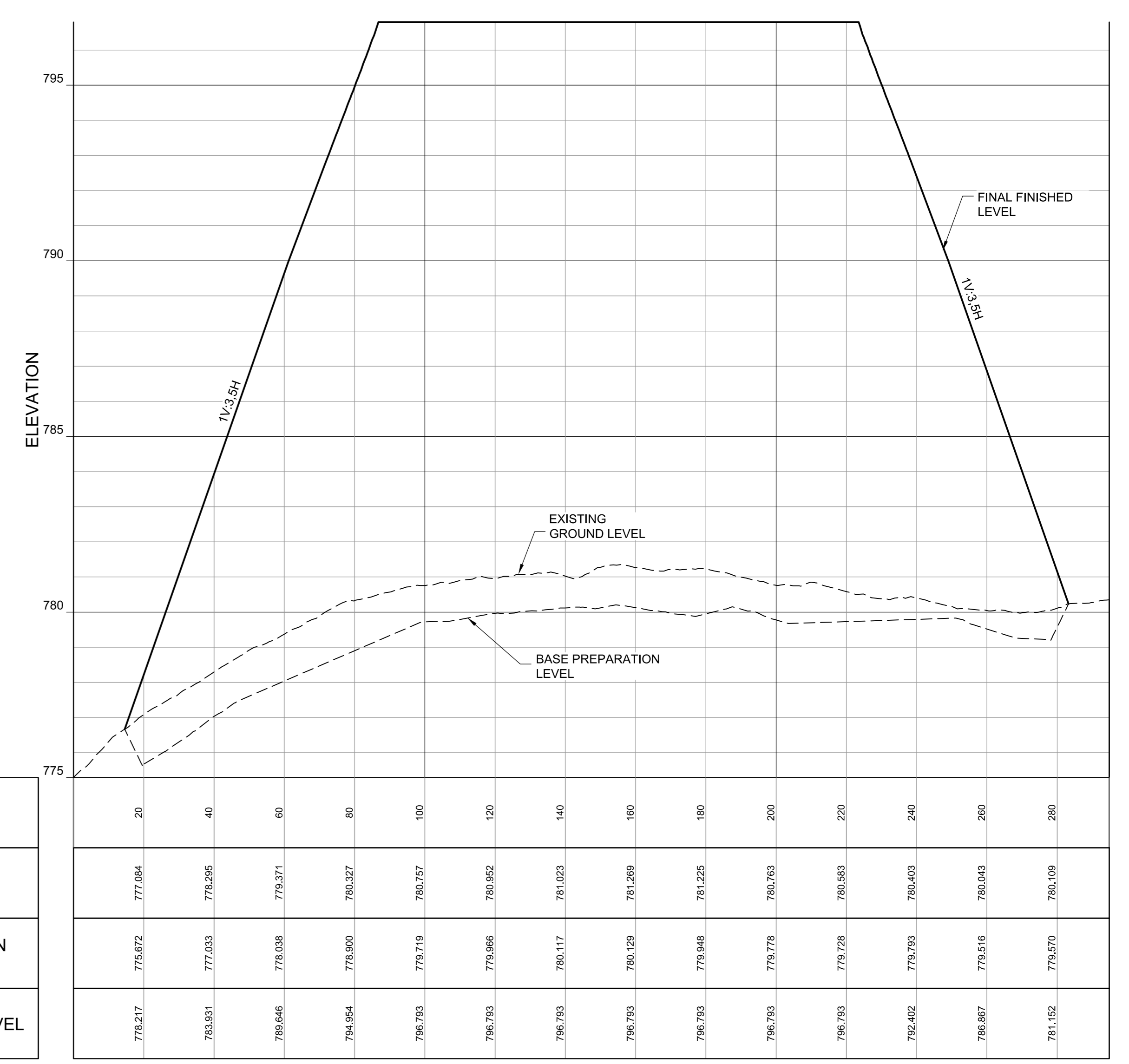


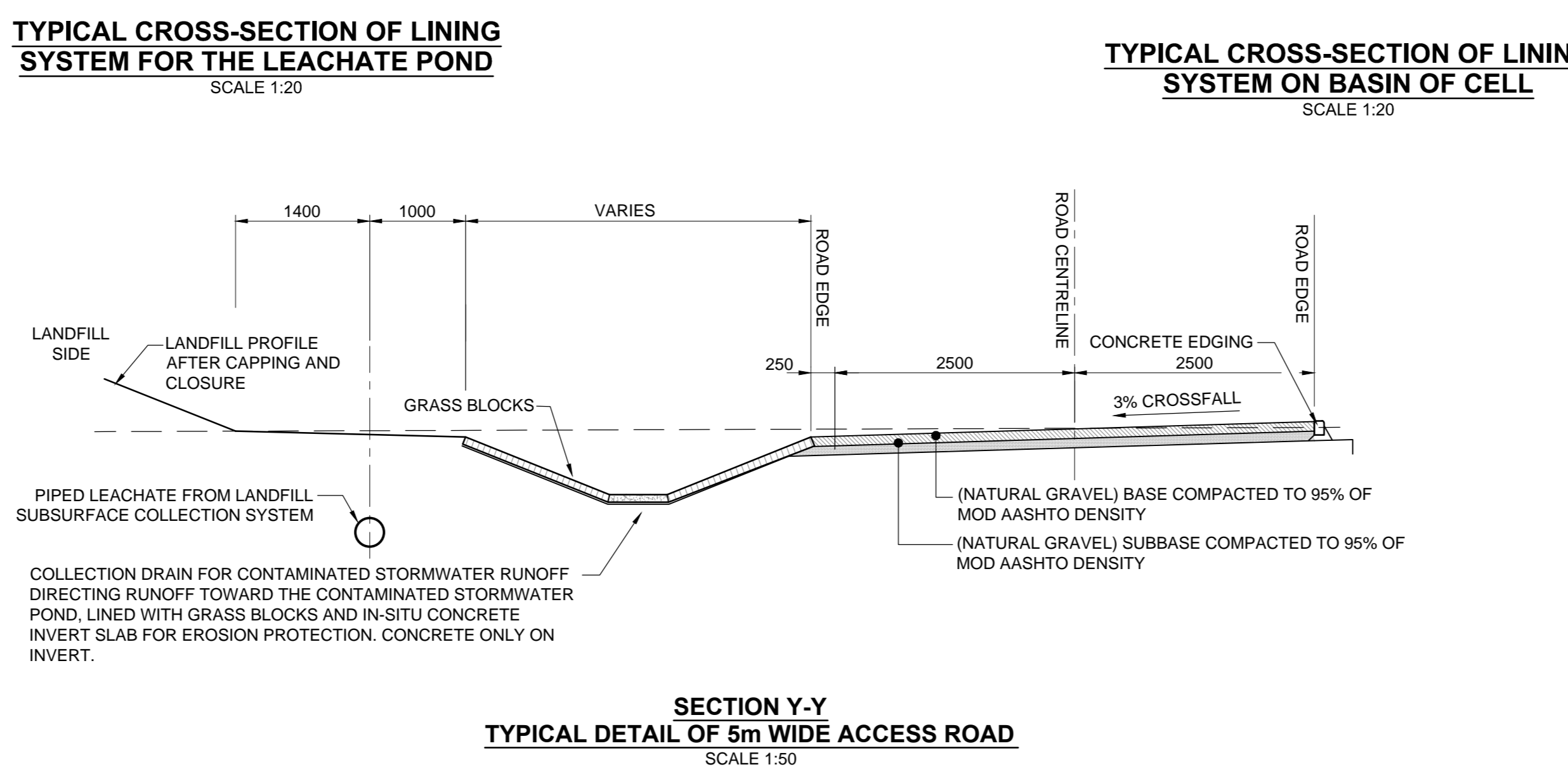
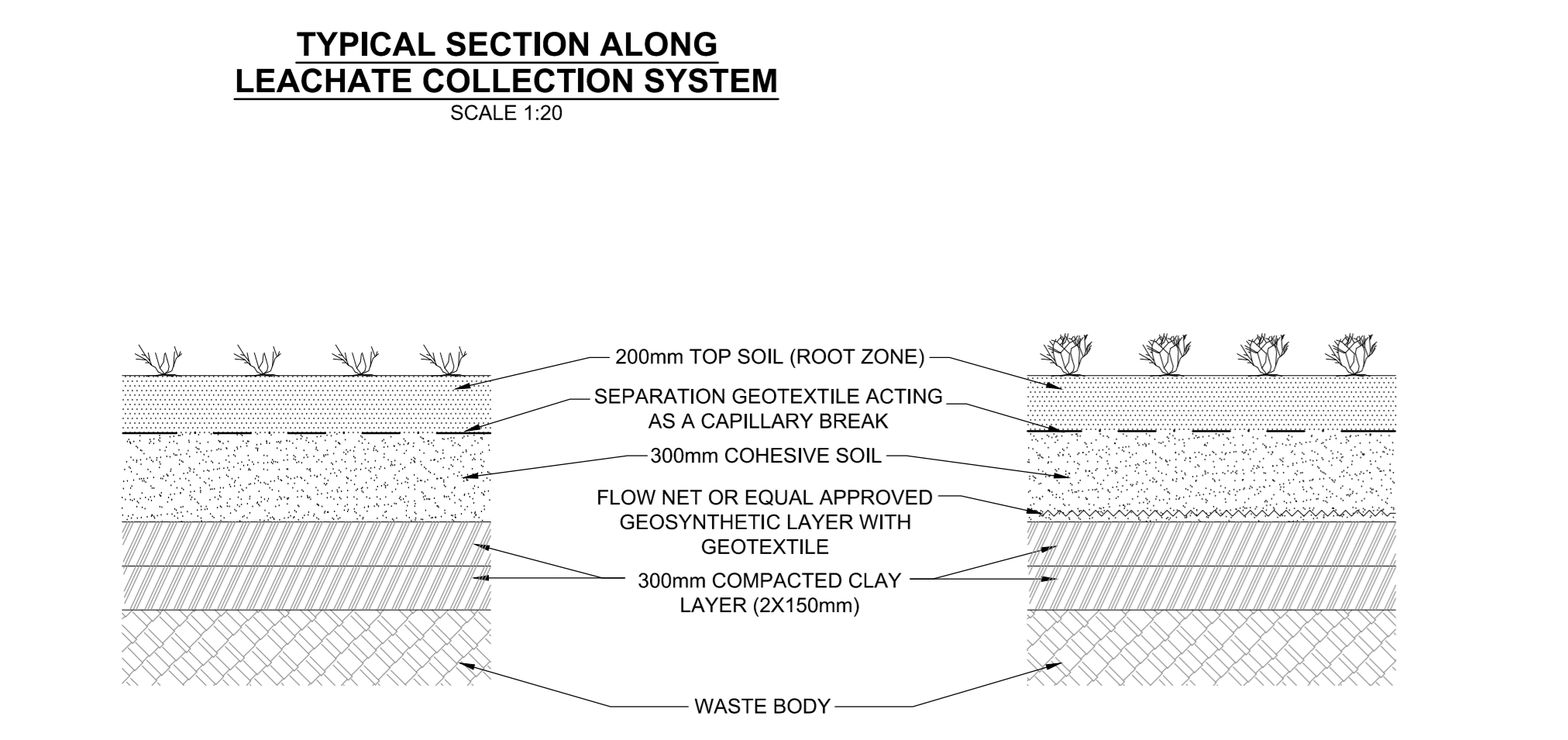
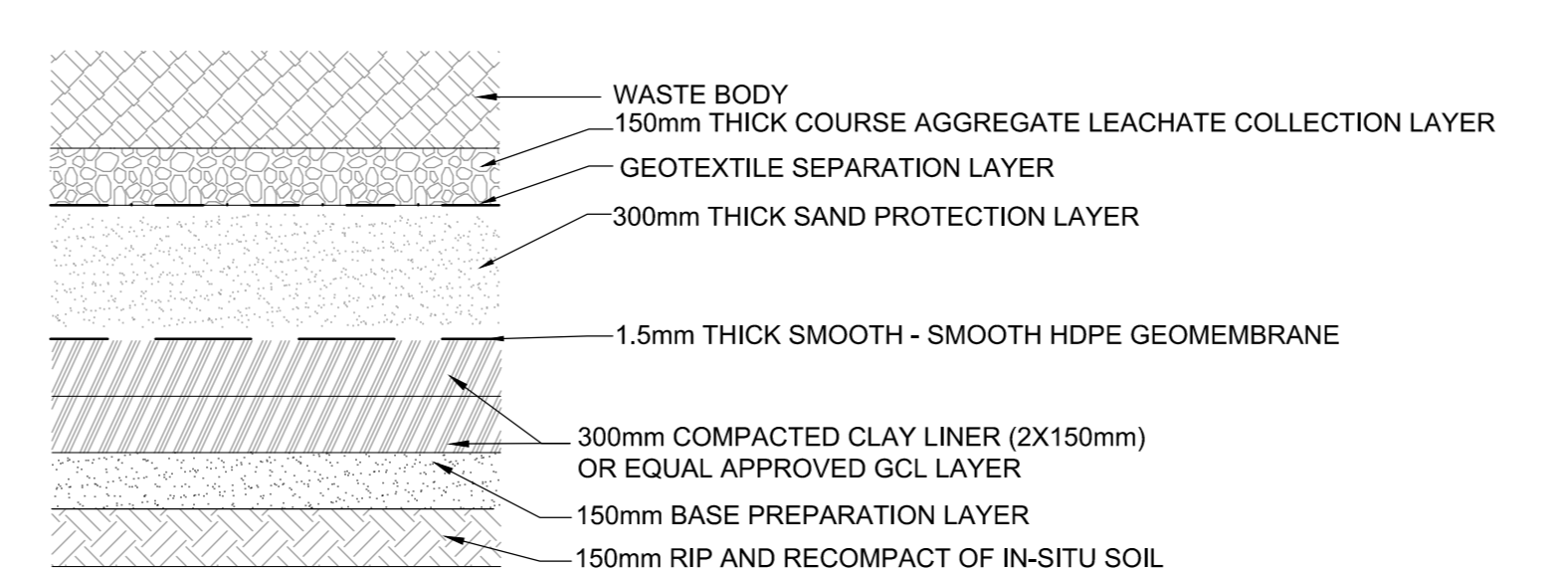
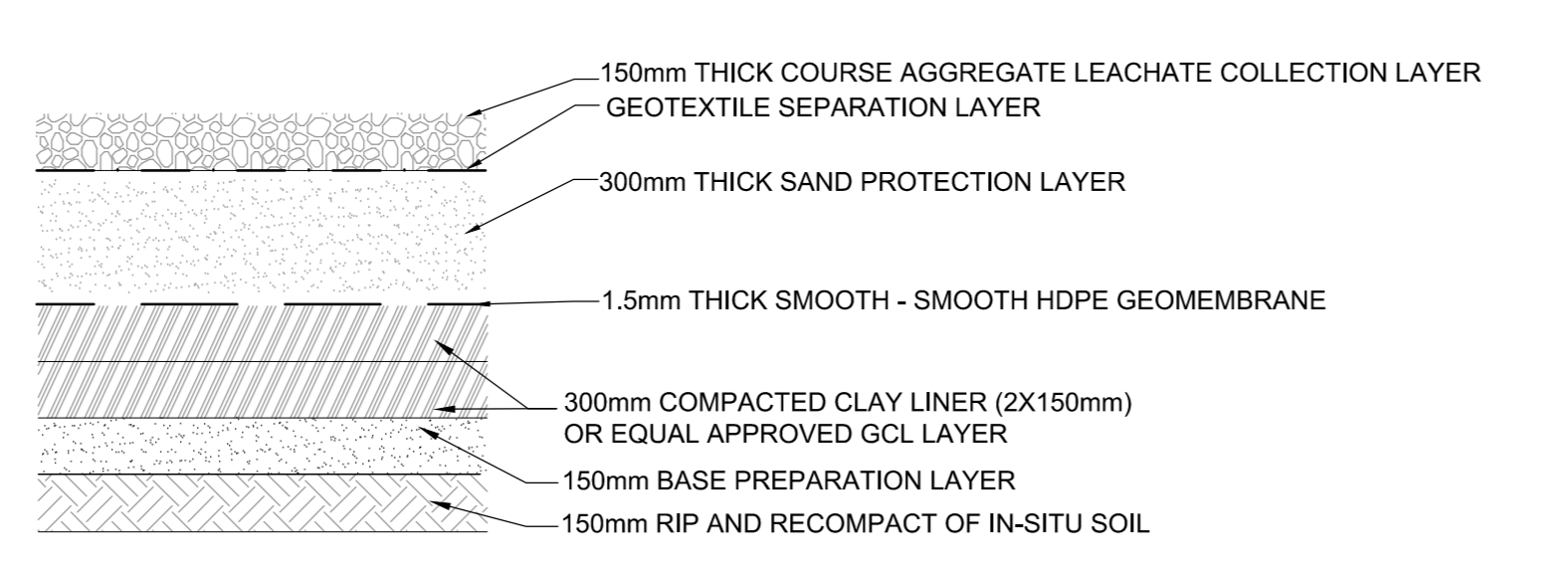
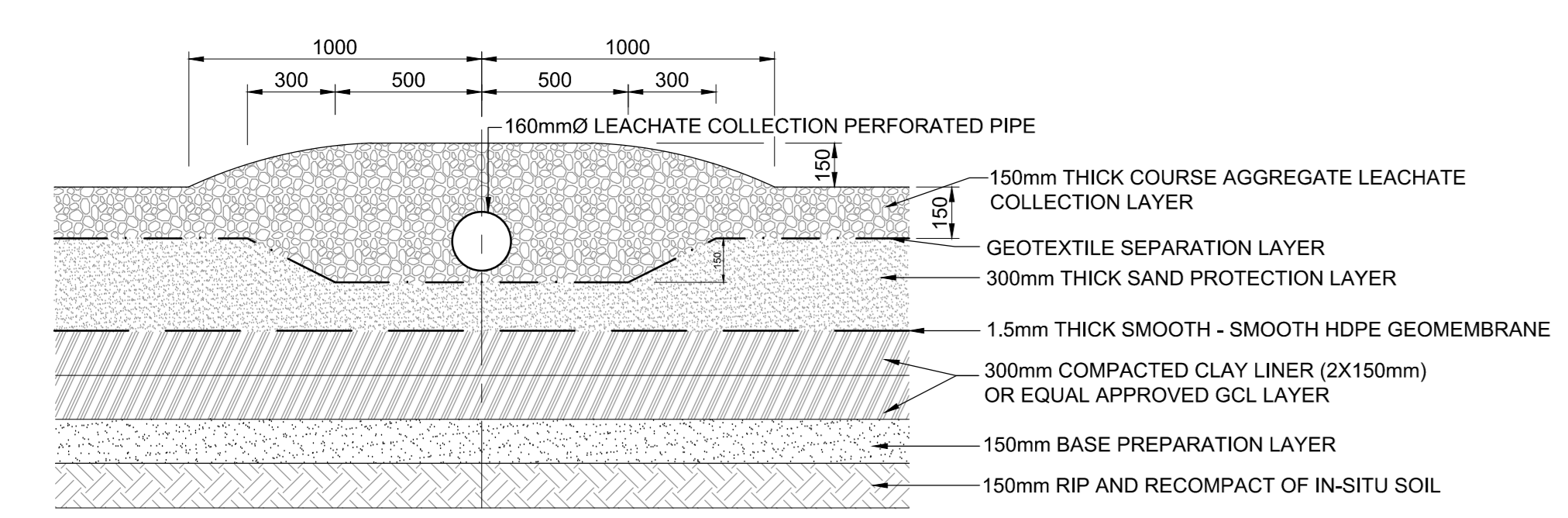
- NOTES:**
- PHILOSOPHY:**
1. MASS CUT-TO-FILL TO CREATE 'BASE PREPARATION LEVEL'
 2. INSTALLATION OF DRAINS AND RELATED INFRASTRUCTURE.
 3. INSTALLATION OF BASAL LINING SYSTEM.
 4. INSTALLATION OF FINAL CAP.
 5. INSTALLATION OF DRAINAGE BERMS FOR EROSION CONTROL AND TO AVOID LONG DRAINAGE PATHS.
- GENERAL NOTES:**
1. CAPPING DESIGN BASED ON THE SITE CLASSIFICATION BY SPECIALIST STUDY (TERRATEST).
 2. SITE DEEMED TO BE A G-S-B+ ACCORDING TO THE MINIMUM REQUIREMENTS FOR WASTE DISPOSAL BY LANDFILL 1998 (SECOND EDITION).
 3. SITE DEEMED TO BE A CLASS C FACILITY DISPOSING CLASS 3 WASTE ACCORDING TO THE DRAFT REGULATIONS FOR THE DISPOSAL OF WASTE TO LANDFILL (6/15 OF 2012).
 4. LEVELS ARE METRES ABOVE SEA LEVEL.
 5. MEAN ANNUAL PRECIPITATION (MAP) = 1005mm.
 6. MEAN ANNUAL EVAPORATION (MAE) = 1630mm.
 7. TOP OF LANDFILL SHAPED TO SUIT EXISTING TOPOGRAPHY AND OPTIMISED AIRSPACE UTILISING LIMITED FOOTPRINT AREA.
- REFERENCES:**
1. REFER TO TECHNICAL REPORT FOR CONCEPTUAL PROPOSED LANDFILL DESIGN (JEFFARES AND GREEN, JULY 2013)



CHAINAGES (m)
0
20
40
60
80
100
120
140
160
180
190



CHAINAGES (m)
0
20
40
60
80
100
120
140
160
180
200
220
240
260
280



FOR DISCUSSION PURPOSES ONLY

REF. DRAWINGS	DRG. No.'s	DESCRIPTION	A	ISSUED FOR DISCUSSION	26-07-2013	DESIGNED	L. WALLACE	CAPE TOWN 14 CENTRAL SQUARE PINELANDS 7405 P.O. BOX 38561 PINELANDS 7420	Telephone +27 21 532-0940 Fax +27 21 532-0950 E-MAIL lwall@jg.co.za	JEFFARES & GREEN CONSULTANTS & ENVIRONMENTAL CONTRACTORS	CLIENT JEFFARES & GREEN (Pty) Ltd	PROJECT UMZIMKHULU SOLID WASTE DISPOSAL FACILITY	CONTRACT No. CONTRACT No. : LANDFILL LAYOUT, LONG SECTIONS AND DETAILS	DATE	JUNE 2013	SCALE	AS SHOWN	
																		1 & G DRAWING No.
	No.	AMENDMENTS		DATE	SIGNED	CHECKED	R. EMERY							CAD FILENAME				