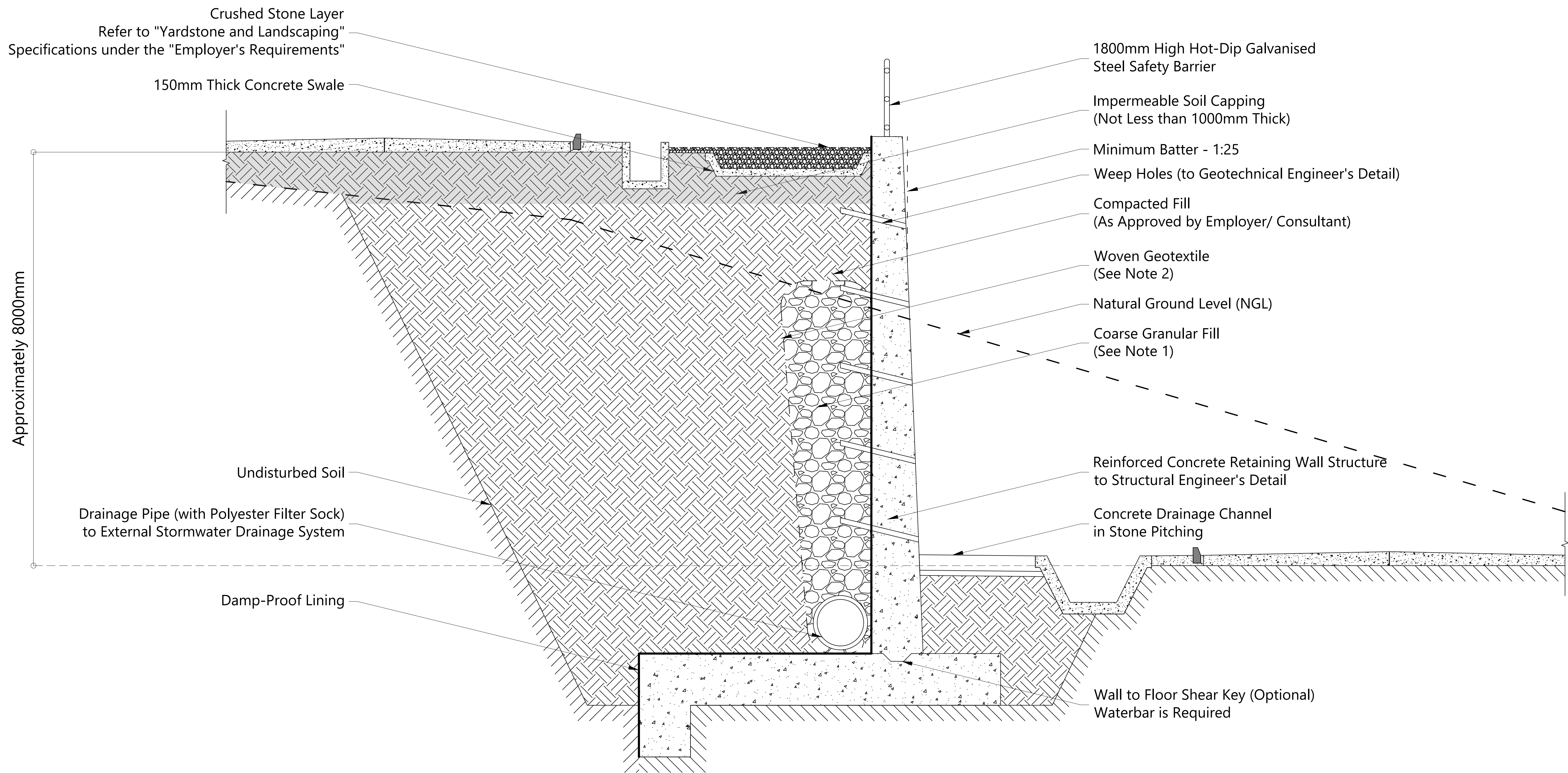




- NOTES:
- 1) Drainage fill material should satisfy the requirements for ASTM C-33 No. 57 aggregate.
 - 2) Permeable fabric should have an equivalent opening size not larger than the no. 70 U.S. standard sieve size.
 - 3) Retaining wall subdrainage (behind wall) pipe should be sized in accordance with the hydraulic design calculation and not less than 600mm diameter (slotted corrugated High Density Polyethylene piping according to ASTM F-667 & F-405 -- with maximum 1/8 inch slot width).
 - 4) Drainage pipeline should extend into the main substation stormwater system or to an approved discharge point.
 - 5) Backfill should consist of material classified as G5 - G7 (in accordance with the ZESCO Gravel Classification System/ TRH14).
 - 6) The information provided is indicative, and only for bidding purposes.



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Project Name
**Proposed Nakonde Stepdown
330/(132)66/11kV Substation**

Drawing Name
Typical Section Through Retaining Wall

Project Approval				Document Status	Sheet Number	Scale	Paper Size	Issue Date
Drawn By	Civil Eng. In-Charge	Electrical Eng. In-Charge	Project Manager	EXT	C105	1 : 40	A1	Jun 2026
C. Chundu	C. Chundu	Z. Sakala	H. Mulapani					
Jun 2026	Jun 2026	Jun 2026	Jun 2026					

Design Approval				Drawing Number	Revision Number
Designed By	Checked By	Approved By		PP-ZTIP-P04-ODSS-C105	00
C. Chundu	M. N. Siluyele	J. Nyondo			
N/A	N/A	N/A			