

- 2.14 Soil permeability.
- 2.15 Cross section for all boreholes to describe the soil.
- 2.16 Ground water level (*taken from DMD*) and temperature.
- 2.17 Recommendations for the proposed design based on the ground water level and calculations for soil upward pressure due to ground water levels.
- 2.18 Results of laboratory tests on soil specimens, ground water, PH concentration, sulfates, chlorides and any other chemical material or other components which may impact the structural frame.
- 2.19 Duration and intervals of ground water monitoring (3) visits per week
- 2.20 Reference to be made to (Eurocode 7) for additional instructions

B) Open Excavation

- 1. General instructions for excavation works:
 - 1.1 Excavation works shall be done according to the best practices and compliance with geotechnical design code Eurocode 7 , and BS 6031:2009 regarding the rules of practice.
 - 1.2 Compliance with the circulars issued from the n and excavation works.
 - 1.3 All excavations with depth exceeding (1.2) meters require calculations for consistency and stability of slope or recommendations depending on the geotechnical factors from the soil investigation report.
 - 1.4 Materials used for backfill purposes (2.00m maximum) shall be of sand or mixed-grain clean from organic materials or any other biodegradable materials; the plasticity indicator for the backfilling material shall not exceed (10%), the maximum particle size of the back fill shall not exceed (75mm); the rate of large particles (bigger than 75mm sieve) than (20%); the organic content shall not exceed (2%), and (5%) soluble salt. The backfill material shall be laid in layers of 150 mm to 250mm and compacted to a density not less than (95%) from the maximum density of the dry mix. Specialists on site shall determine the possibility of using backfill material for general filling works upon conducting the necessary tests in this regard; it is possible to make a sand cone test to determine the degree of pressure/ compaction; plate load test (according to specification ASTM D1194) is also acceptable for **conforming/ matching** the soil strength and permissible settlement.
 - 1.5 Protection shall be provided to all existing facilities at all times.

The Arabic text is ambiguous it can have several meanings.
This phrase can also be translated as (Stability slope) or (Slope stability)