

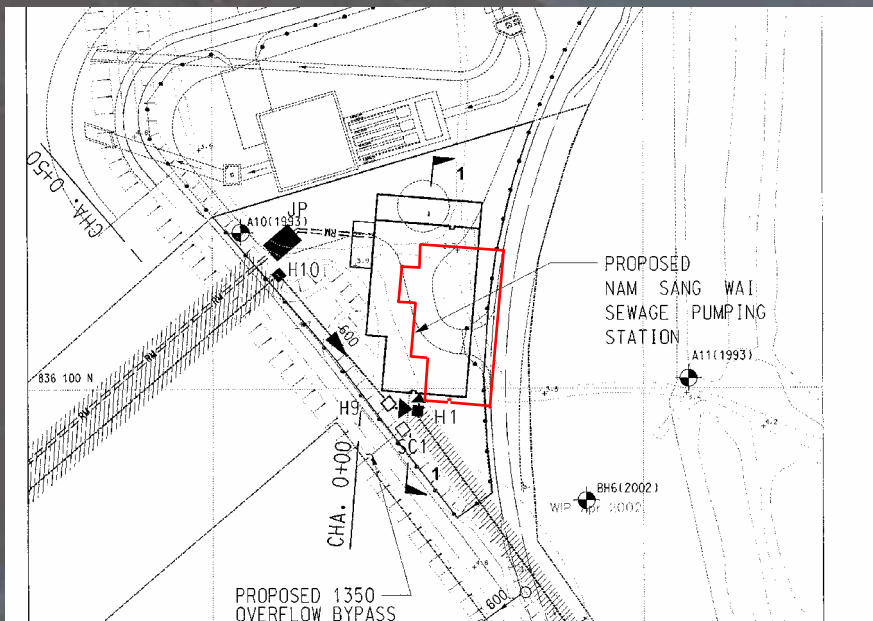
Session 5 Workshop Exercise on Ground Investigation

Activity:

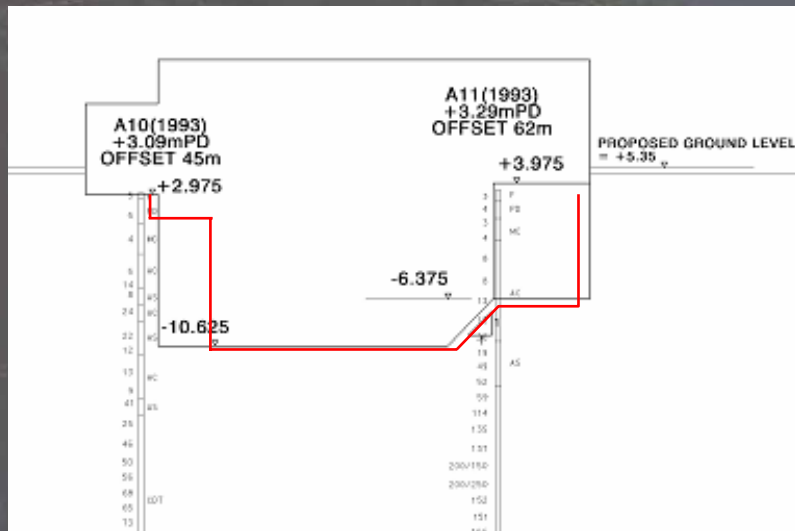
Preparation of GI Plan for the
Proposed Nam Sang Wai Sewage
Pumping Station

1

Location Plan



Cross-Section 1-1



3

Existing Information

- The dimension of the Lower Section is approx. 25m x 23m.
- The general geology is 5.5m thick of Fill underlain by 2-2.5m thick of Marine Clay, 5-6m thick alluvial Clay and completely to highly decomposed bedrock.
- Ground water table is about 3.4m below existing ground level.

4

Task

- To prepare a GI plan to collect sufficient information for the design of the foundation and basement excavation works.

5

Requirements

1. Locations of the proposed investigation stations
2. Drilling and sampling requirements
3. Field Testing requirements
4. Field Installation requirements

Time Allowed = 20 minutes

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