

Attachment 1

Replacement Page of
Geotechnical Review Report

4. Proposed Works

4.1 Proposed Foundation Works

- 4.1.1 For the one-storey Proposed Pump Station, foundation schemes including footings on soil or mini-piles are technical feasible foundation systems for the proposed structure. These foundation systems are commonly adopted in Hong Kong construction industry.
- 4.1.2 Existing feature 7SW-D/FR549 will be modified as presented below.

Feature No. 7SW-D/FR549

- 4.1.3 The feature boundary of the existing feature no. 7SW-D/FR549 shall be reduced and modified to accommodate the Proposed Pump Station. The management and maintenance responsibilities for feature no. 7SW-D/FR549 upon the completion of the pump station construction shall be taken up by the project proponent.

4.2 Monitoring Works During Construction

- 4.2.1 A comprehensive monitoring programme, which comprises the followings, shall be implemented on site to safeguard the adjacent utilities and/or structures:

1. Settlement check points around the Proposed Pump Station;
2. Settlement check points on surrounding utilities;
3. Tilting checkpoints on retaining walls and nearby buildings; and
4. Piezometers/standpipes at locations around the Proposed Pump Station Site.

The initial readings of all the above monitoring points and piezometers/standpipes shall be taken prior to the commencement of construction works on site and these devices shall be monitored regularly throughout the construction works.

4.3 Natural Terrain Hazard Review

- 4.3.1 The Application Site is overlooked by upslope natural terrain to the northeast, featuring a natural hillside with an angular elevation ranging from 22 to 40°. Since the Proposed Pumping Station is an unmanned plant room and classified as Non-dangerous storage site of facility Group 4, it does not fall into standard facility Group 1-3 stated in Table 2.2 of GEO Report No. 138. Therefore, the Application Site does not meet the alert criteria and a natural terrain hazard study is not required.