



Jet grouting rig in **operation**



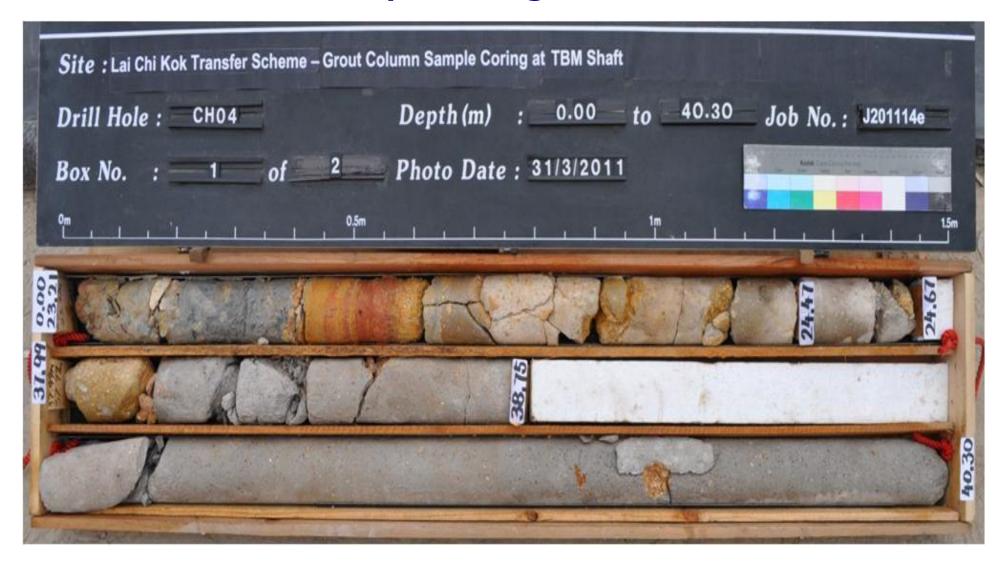
DC/2007/16 Lai Chi Kok Transfer Scheme Grout Column Sample Coring at TBM Shaft





DC/2007/16 Lai Chi Kok Transfer Scheme Grout Column Sample Coring at TBM Shaft

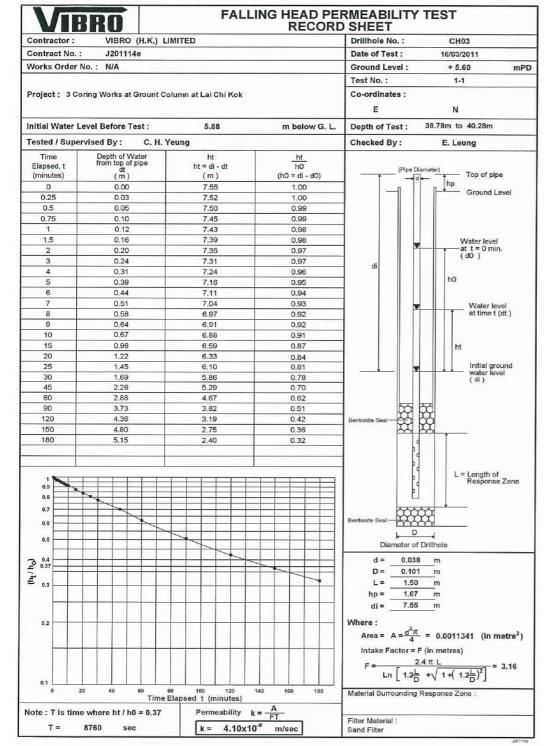




DC/2007/16 Lai Chi Kok Transfer Scheme Grout Column Sample Coring at TBM Shaft







TREW I Group



DC/2007/16 – Lai Chi Kok Transfer Scheme

Permeability Test Result

DC/2007/16 – Lai Chi Kok Transfer Scheme



Maintenance Chamber











Provision of Jet Grouting Columns at Pier 15

Scope of Work

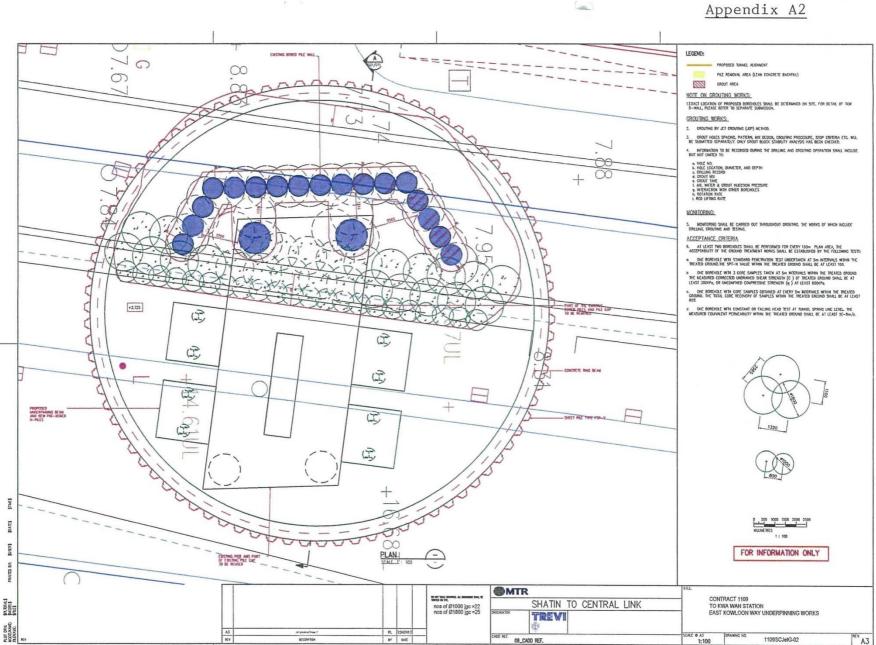
Provision of jet grout columns (jgc) for Stage 1 only, which consists of 26 number of single fluid jgc of 1000mm theoretical diameter; and 22 number of double fluid jgc of 1800mm theoretical diameter.

The depth of the jgc to form the grout block shall be 3000mm below the future tunnel and 1000 to 1500mm outside the tunnels.

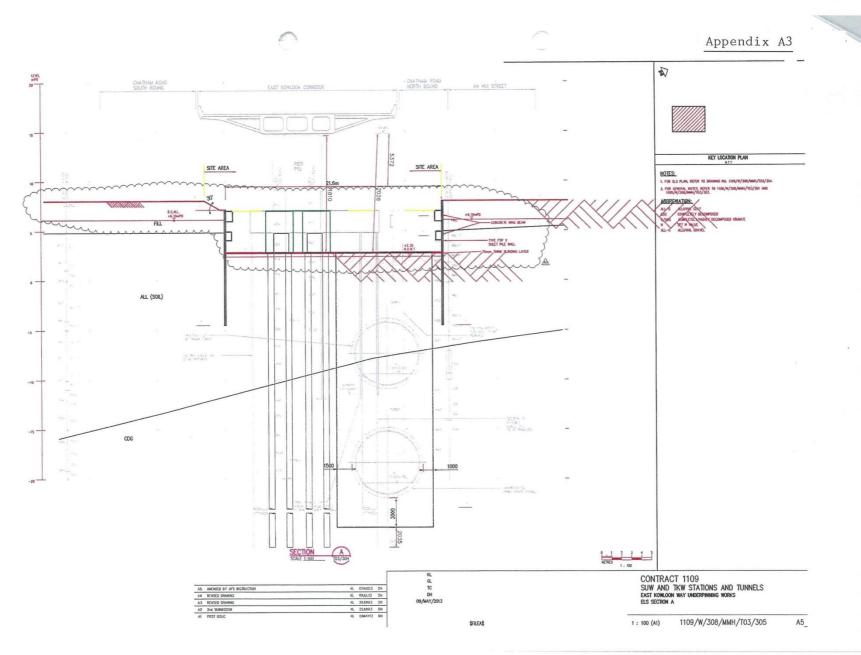
We have assumed drilling to commence at excavated level of +2.30 mPD.

Drawings: Appendix A1, A2, A3











<u>Provision of Jet Grouting Columns at the Western side</u> of To Ka Wan Street

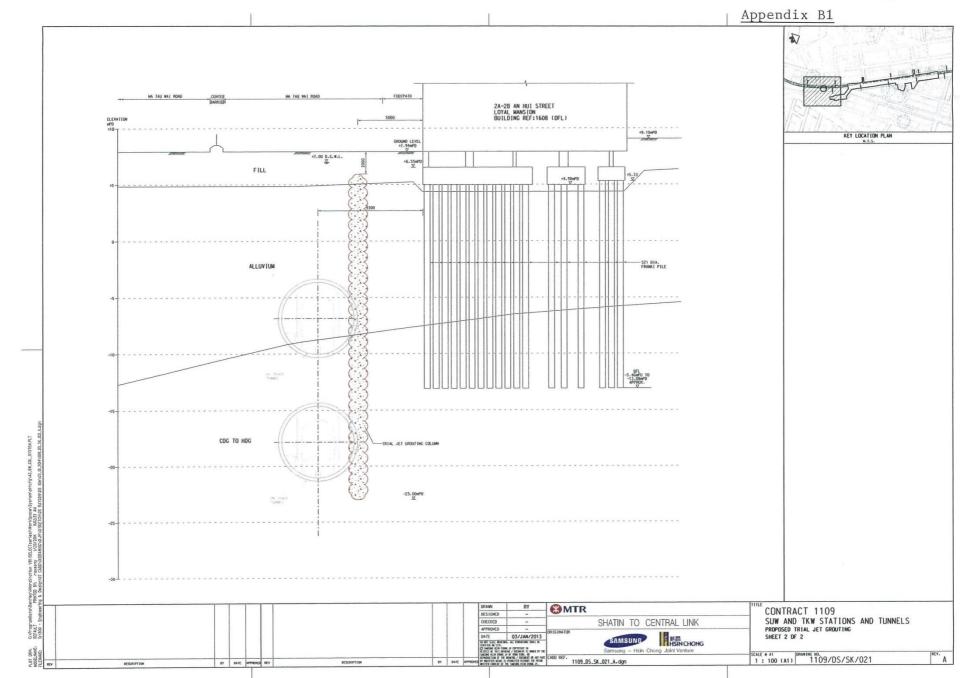
Scope of Work

Execution of about 108 columns of jet grout columns (jgc) single fluid diameter 1 meter with interax. 0.80m to be executed on the western side of To Ka Wan Road starting from the corner with Lok Shan Road for about 90m toward south.

We have assumed the drilling to commence at excavated level of +10mPD. The jet grouting column will start from a about 2 meters below the road surface i.e +8mPD to an elevation -10mPD.

Drawings: Appendix B1, B2, B3







Provision of Jet Grouting Columns at EEP (Pier 17)

Scope of Work

Provision of 75 nos. 1.8m diameter double-fluid jet grout columns (jgc) and 4 nos. 1.0m diameter mono-fluid jgc. Jet grouting in two stages because of overhead restriction.

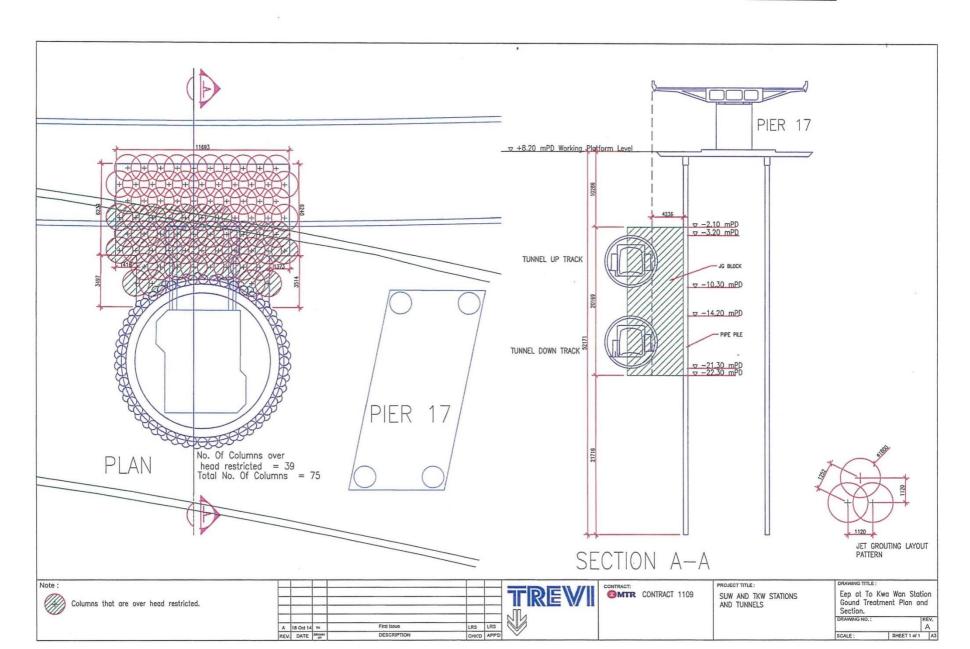
The depth of the jgc to form the grout block is between - 2.1mPD to -22.3mPD.

We have assumed drilling to commence at road level of +8.20mPD.

Drawing: Appendix C



Appendix C





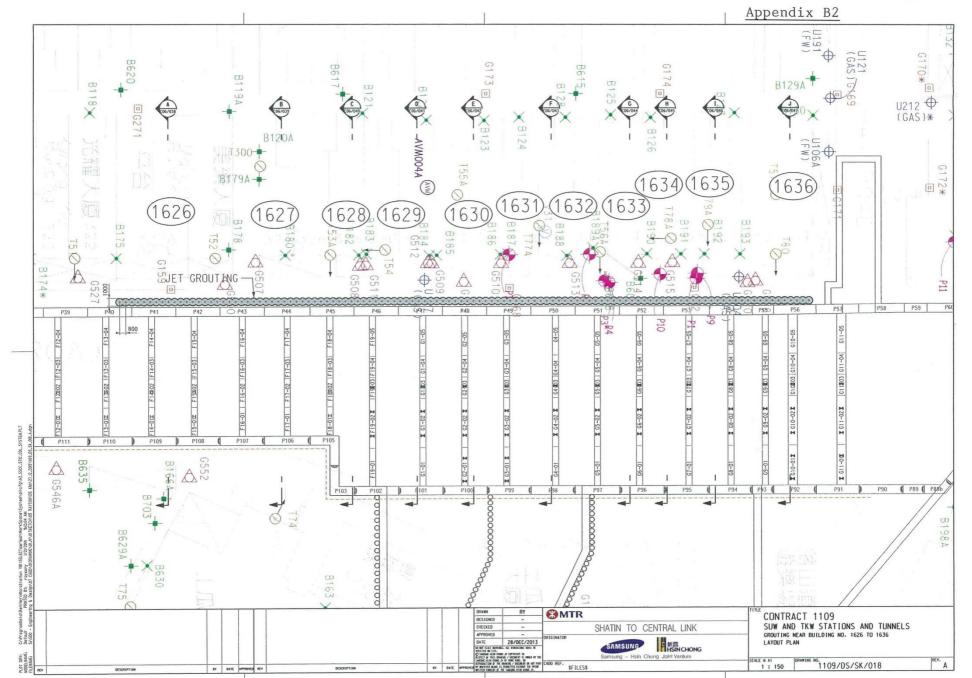




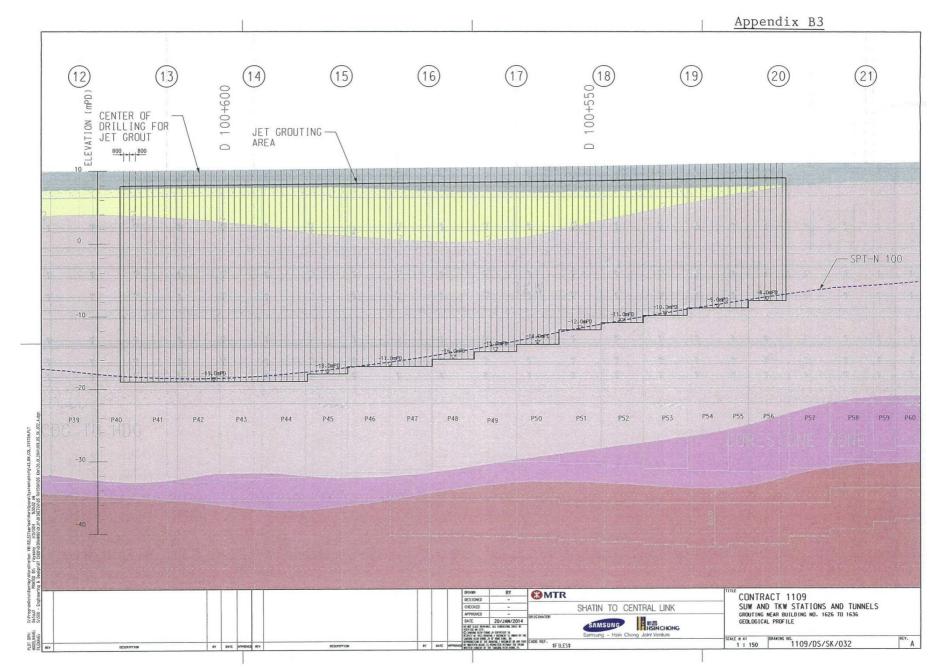
















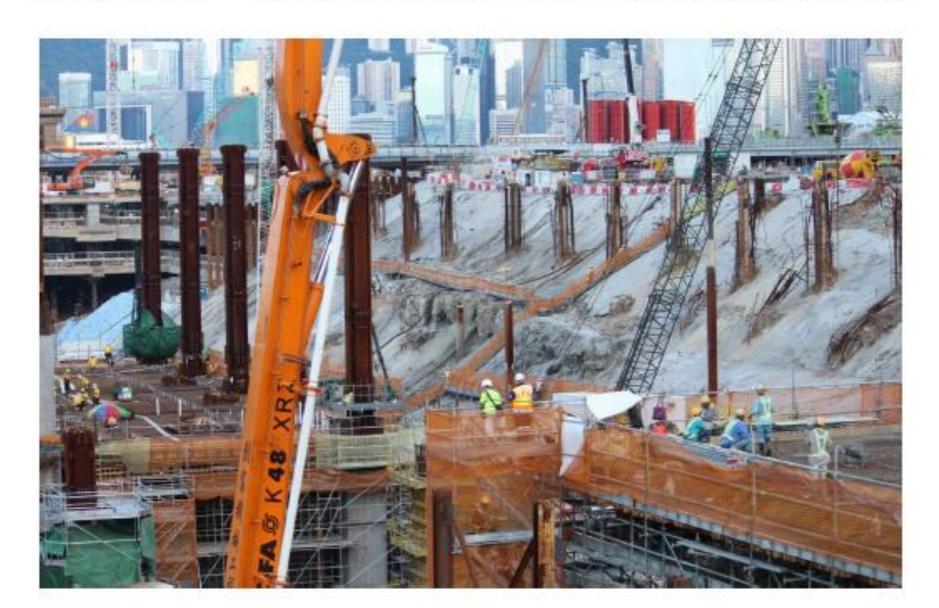




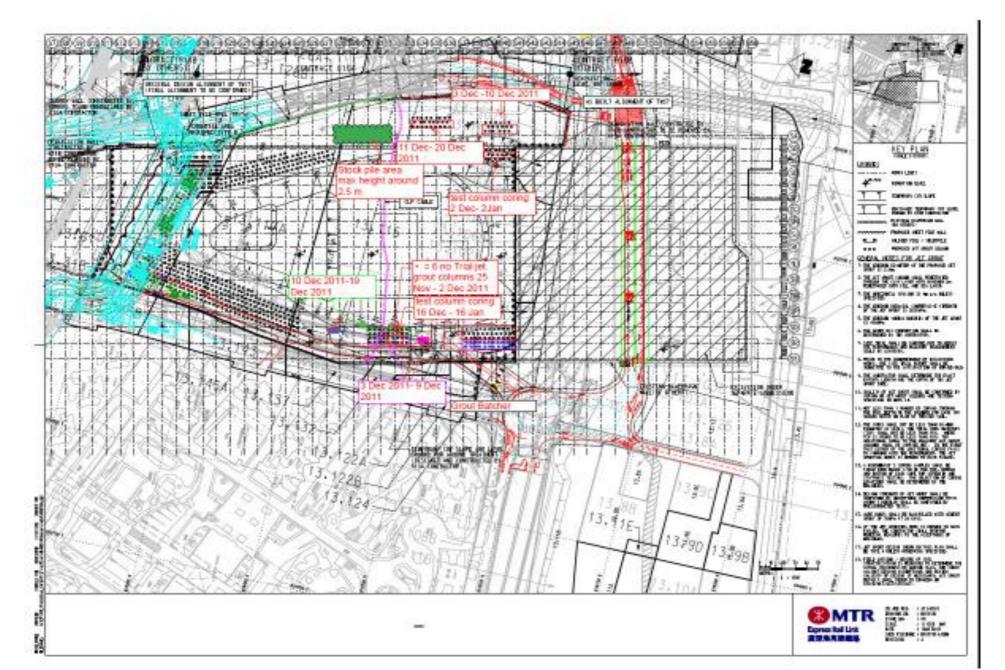




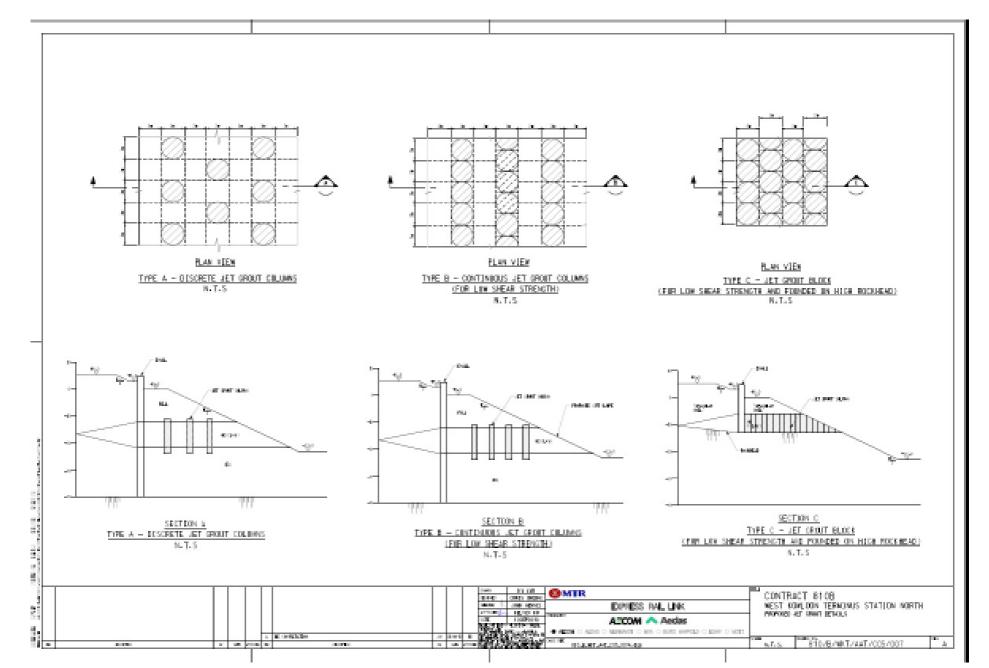






























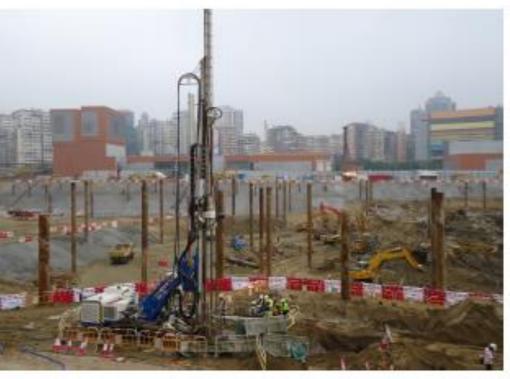










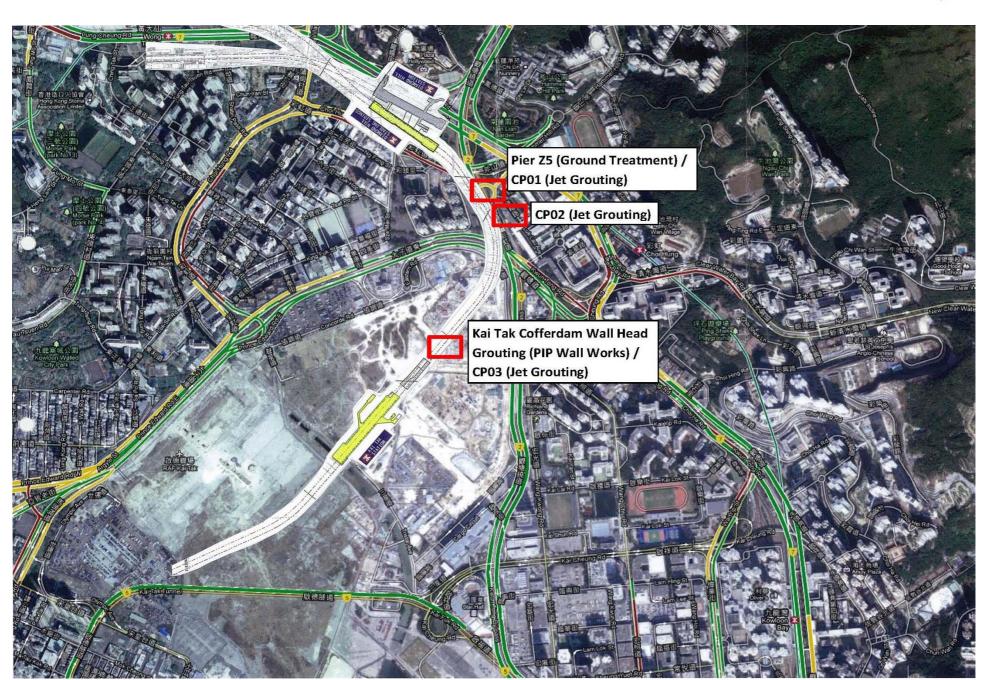




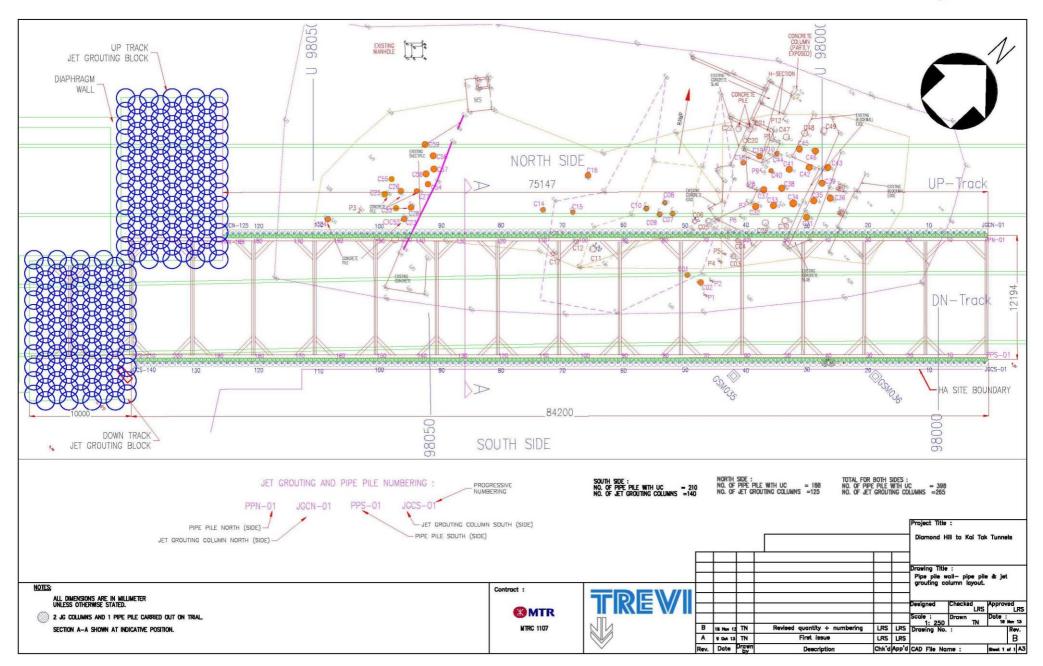




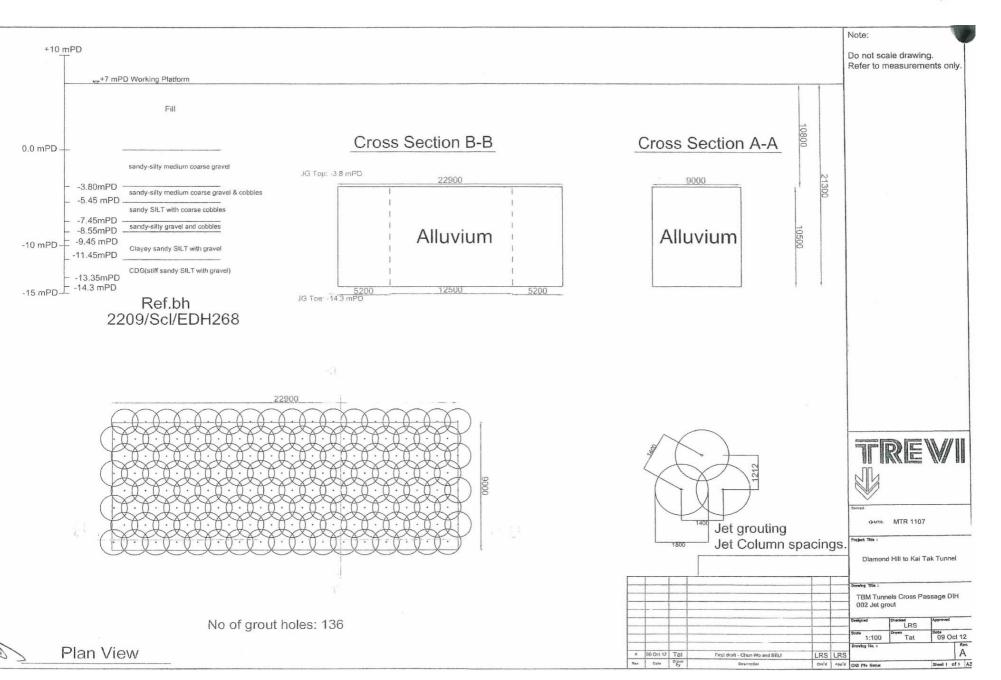




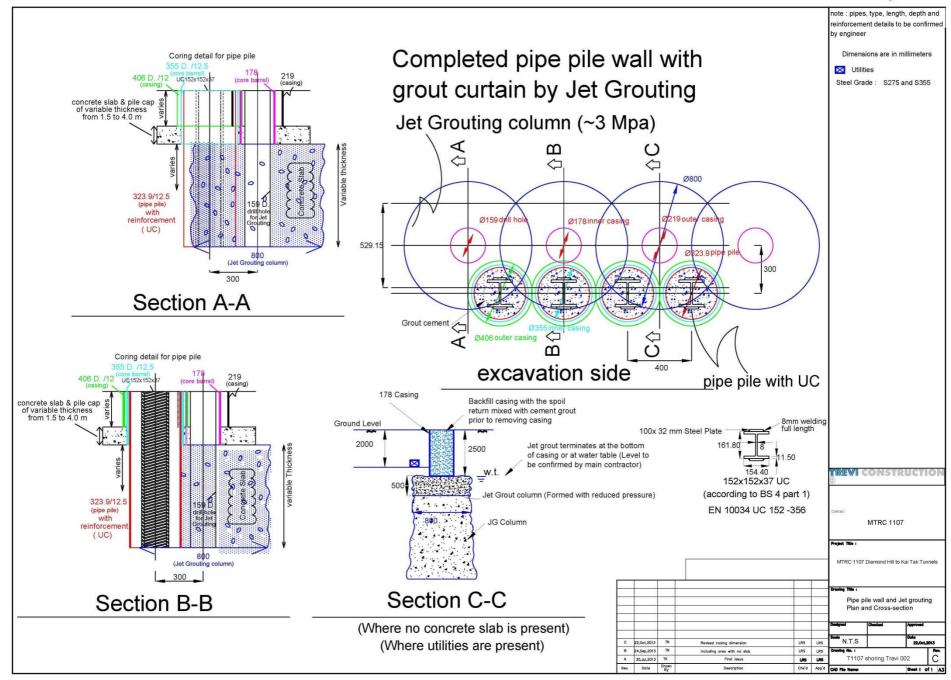
















Pipe Pile Wall

SELI

Shatin to Central Link Contract No. 1107 Daimond Hill to Kai Tak Tunnels Ground Settlement Marker Summary Monitoring Report

-CW-SELI JOINT VENTURE

Instrucment No.: As-build coordinate: TGSM01 821572.741 Northing

6.17

838902.515 Easting 7-Nov-13

Date of Initial : Initial Reading (mPD) : Monitoring Frequency: Active Response Value: (mm) Alert: ±4



Alert: ±4
Action: ±7
Alarm: ±8







Pipe Pile Wall