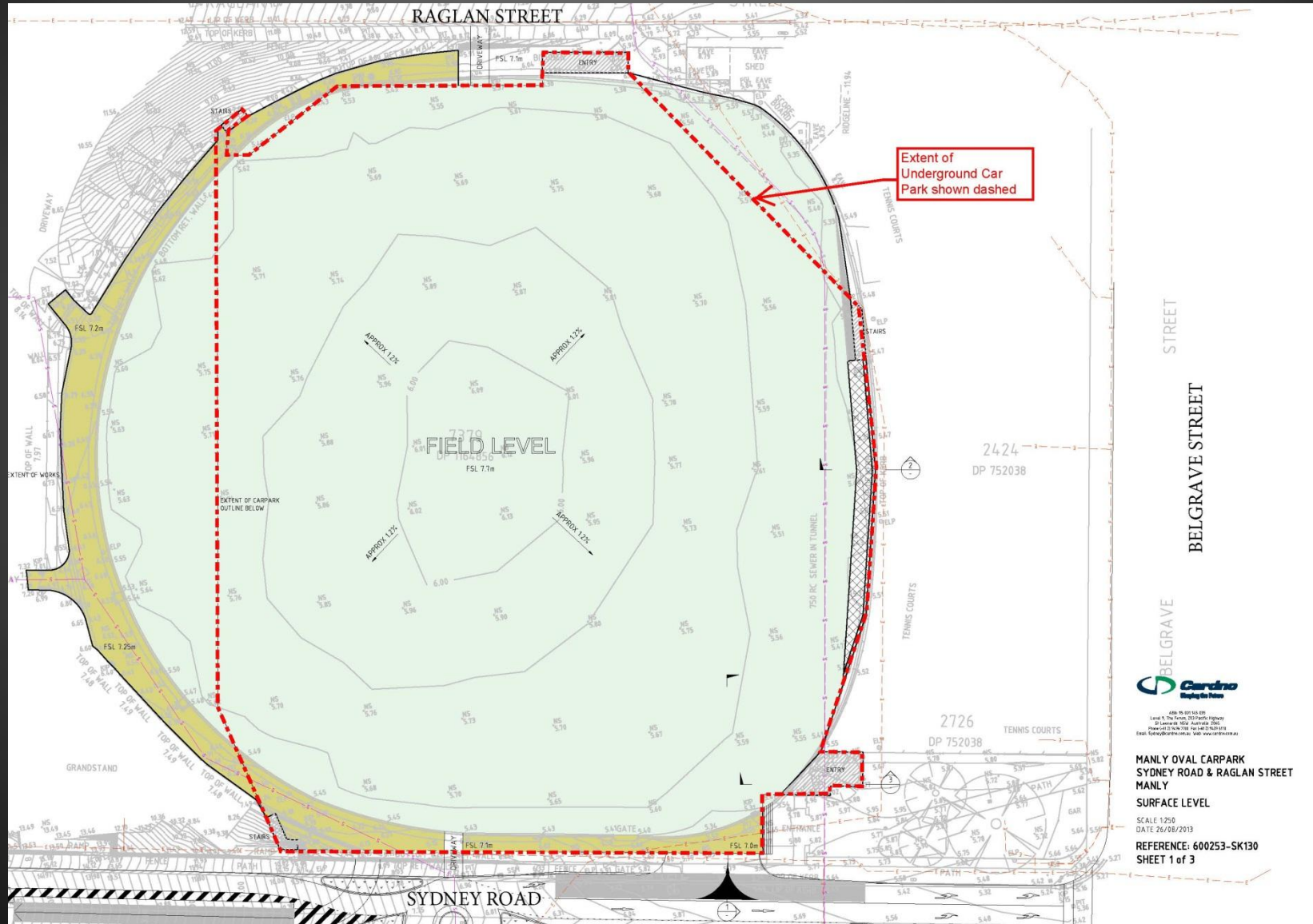


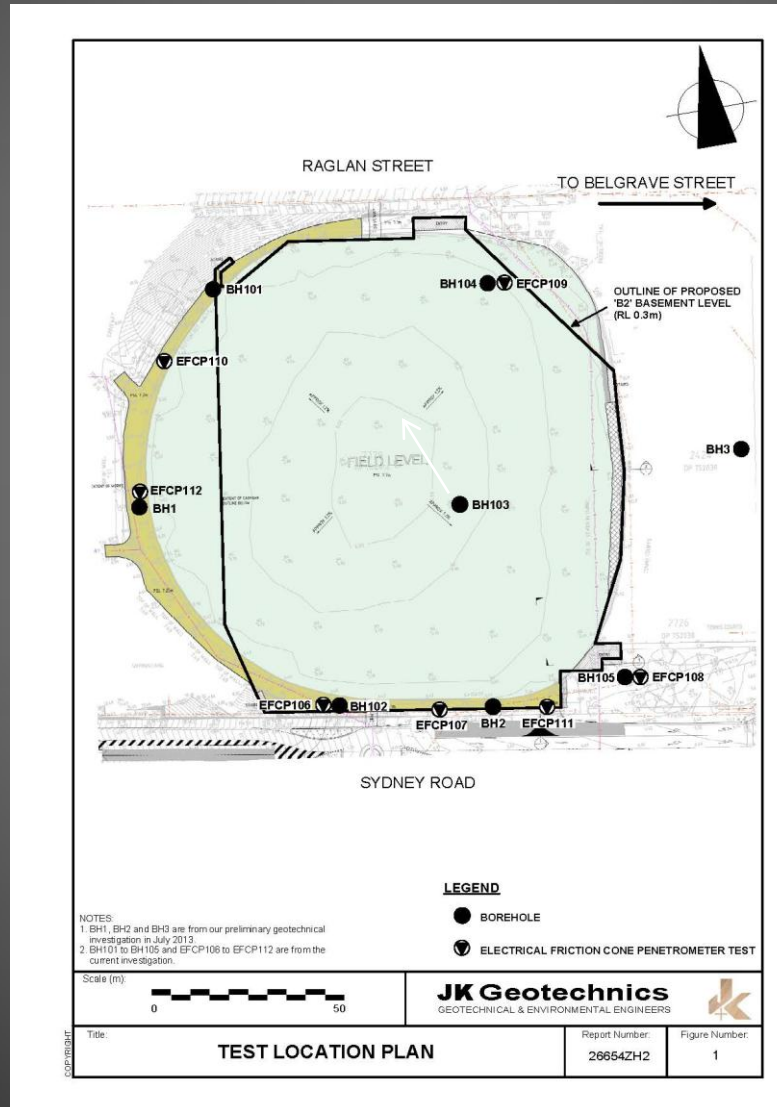
Manly Oval Car Park

Plan – Surface Level



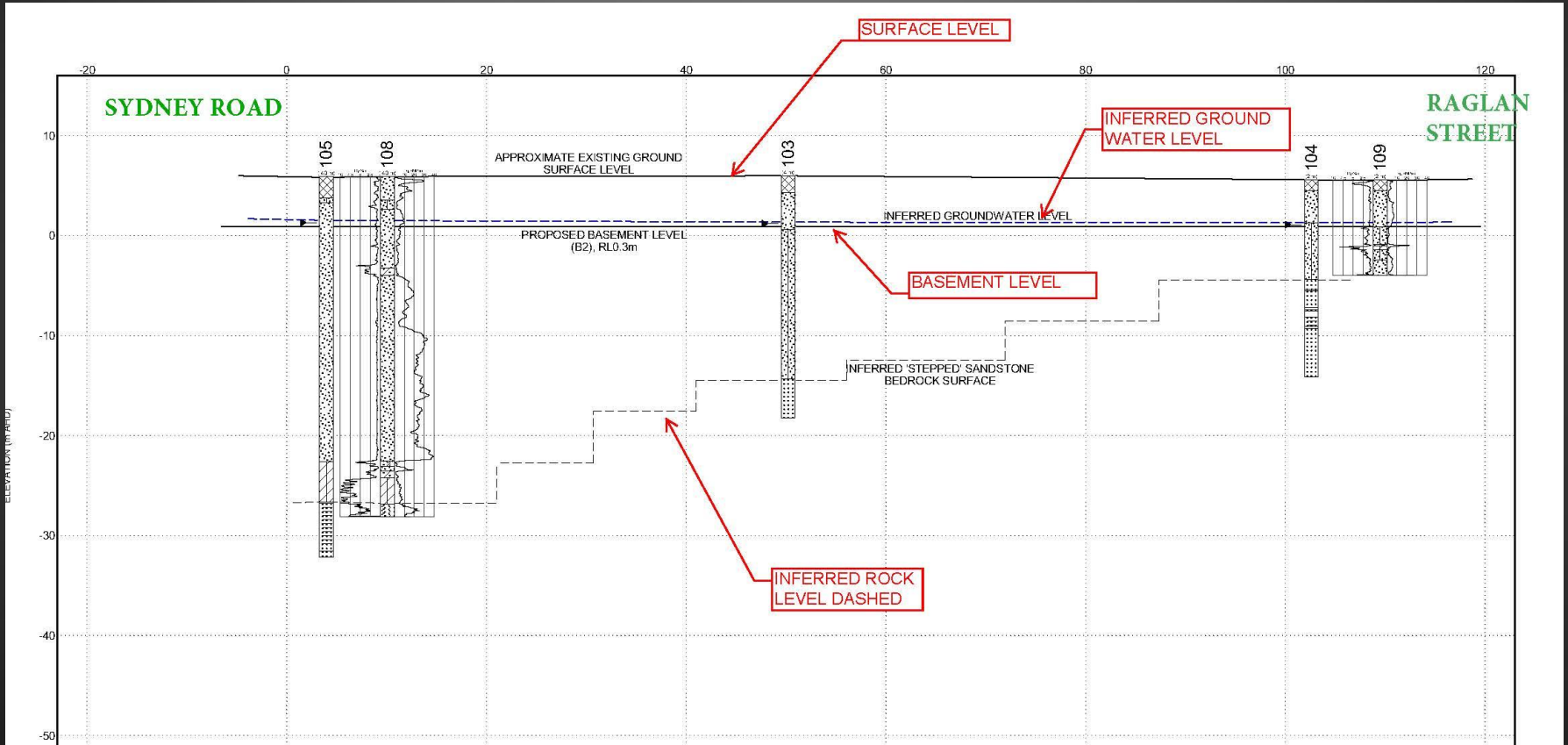
Manly Oval Car Park

Geotechnical Investigation Test Locations



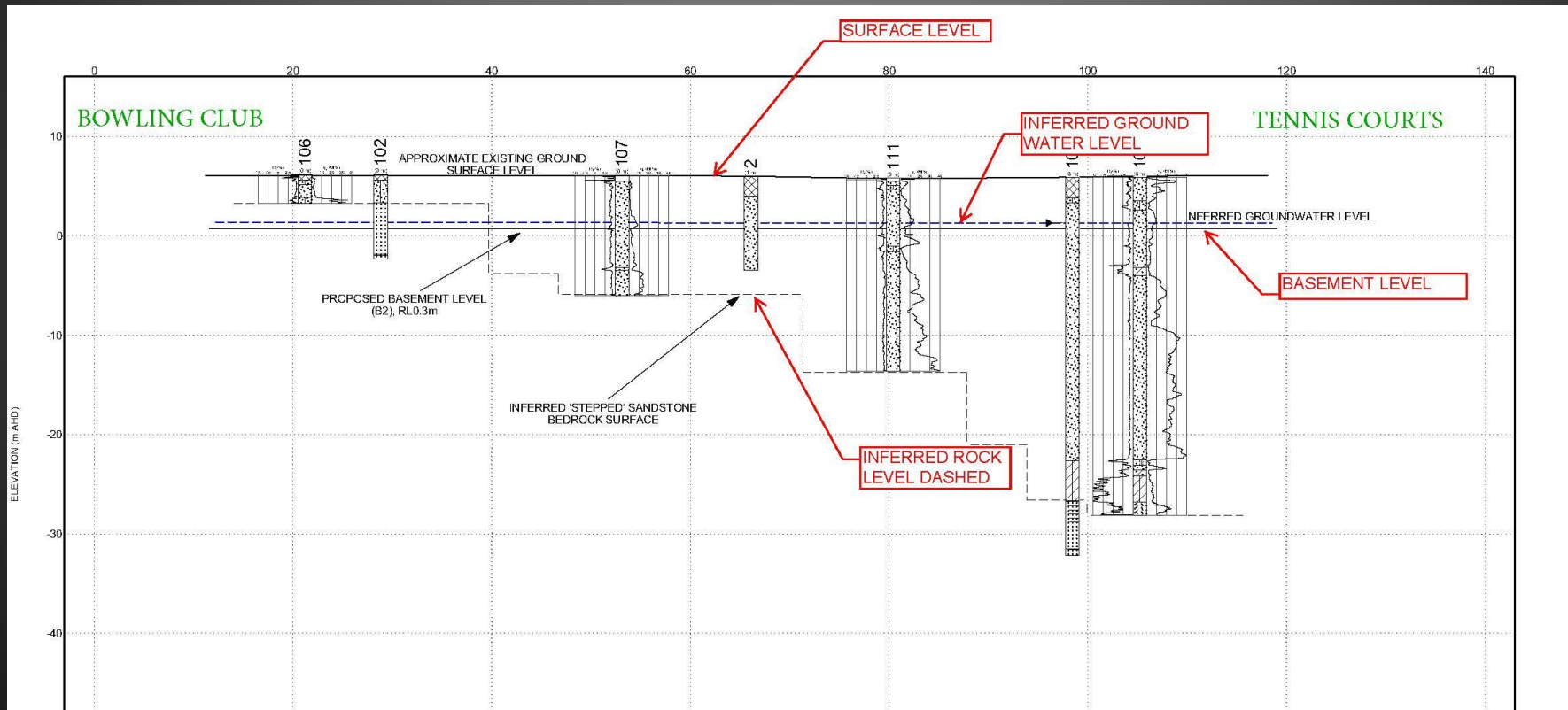
Manly Oval Car Park

Geotechnical Cross Section Sydney Road to Raglan Street



Manly Oval Car Park

Geotechnical Cross Section Bowling Club to Tennis Courts

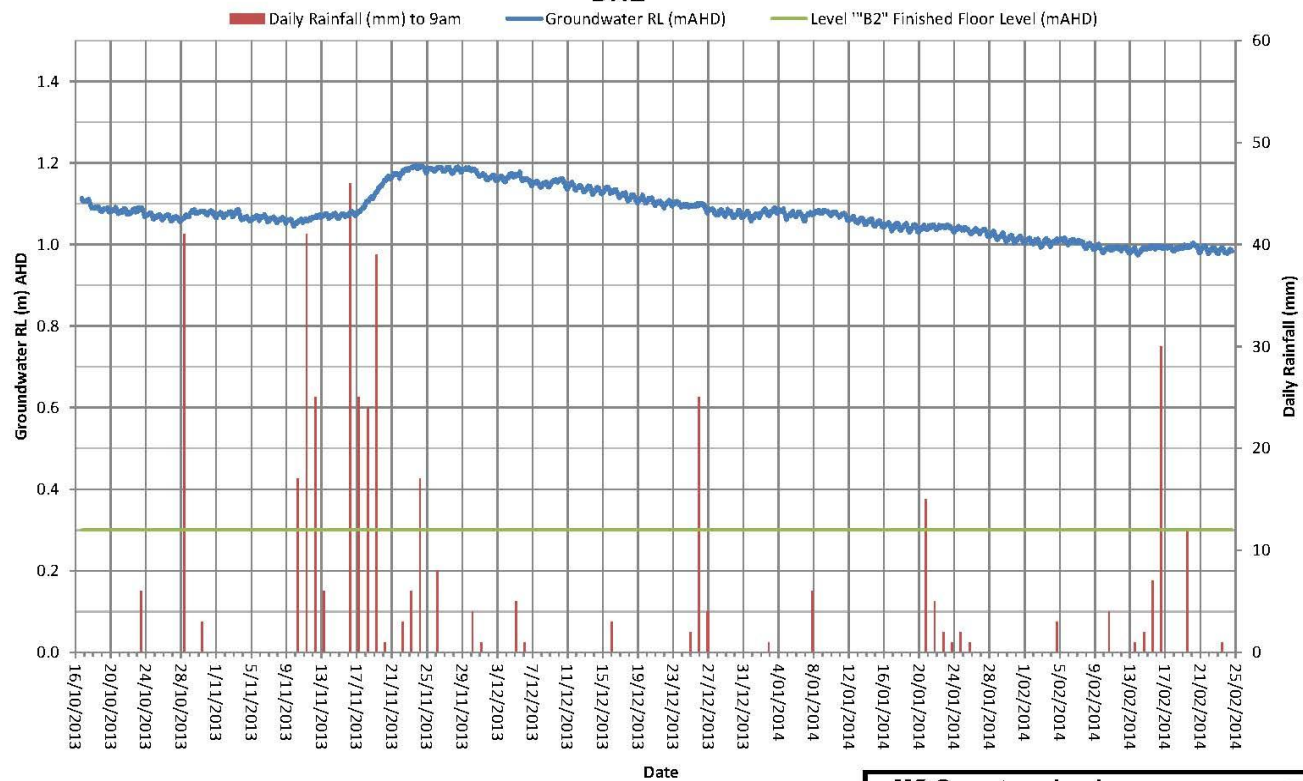


Manly Oval Car Park

Ground Water Monitoring

File Name: BH2 - Groundwater Levels Chart
Date Printed: 25/02/2014

Groundwater Level and Daily Rainfall -v- Time Plot to 24 February 2014 BH2



Rainfall data from Frenchs Forest (Frenchs Forest Road), Station No. 066182

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Report No. 26654ZH2

Figure No. 6

Manly Oval Car Park

Flooding

- Hydraulic and hydrologic modelling completed for upstream and downstream catchment (27 hectares)
- 1 (one) mega litre tank under the oval proposed to detain upstream flows.
- Reduction in flooding to Belgrave Street/Raglan Street intersection (30 to 40% reduction in 100 year flood depth).
- Car Park Entries designed to be above 1 in 100 year flood levels.
- Influence of rainfall events on ground water levels shown by monitoring results not to be significant.