

- Notes:
1. Plan based on Stage 3 Alignment dated 14/07/2009.
 2. Area locations are approximate only.

Created by: JACOBS File: P:\Data\1\Projects\B08000000 - Forth Replacement Crossing\CAD\Drawings\Geotechnical\Working\FRC-SOUTH-OBJ-FIGURES_1_2.dwg Date: Dec 23, 2010 - 12:03pm Plotted by: macarthur

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Rev	Rev. Date	Purpose of revision	KL	JO	SJD	SJD
0	31/08/10	Final				

Client



JACOBS ARUP

Project
FORTH REPLACEMENT CROSSING

Drawing title
NETWORK CONNECTIONS - SOUTH SOUTH QUEENSFERRY CUTTING LOCATION PLAN

Drawing status
FINAL

Scale
1:2000 @ A1 DO NOT SCALE

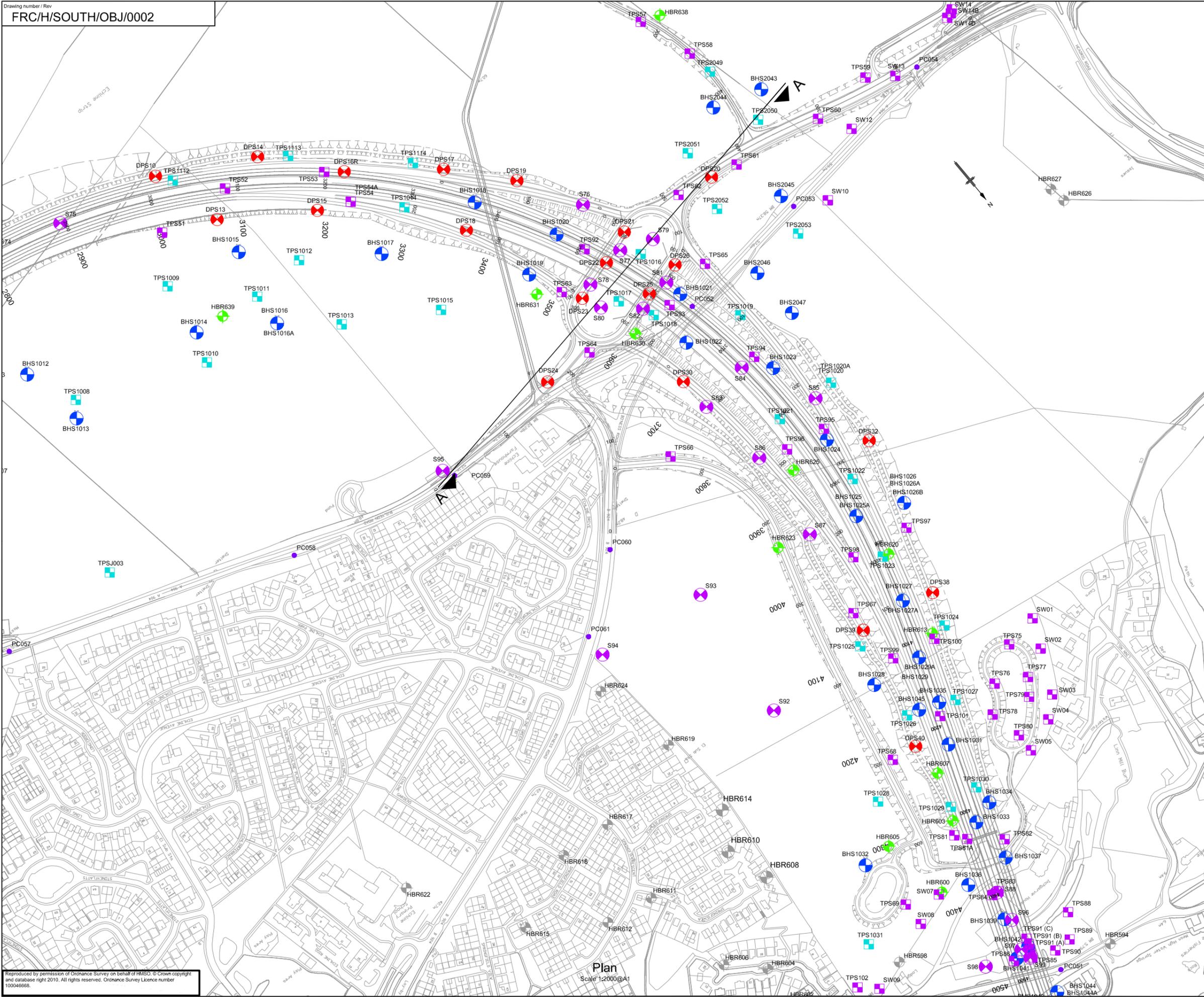
Client no.
RD 001675

Drawing number
FRC/H/SOUTH/OBJ/0001

Rev
0

Plan
 Scale 1:2000 @ A1

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- Notes:
 1. Plan based on Stage 3 Alignment dated 14/07/2009.
- Key:
- HBR382 Historic Borehole Location relevant to Southern Network Connections
 - HBR633 Historic Borehole Location (Insufficient data or offset too far to be of relevance)
 - BHS2047 As-built Borehole Location 2008 Survey
 - TPS1019 As-built Trial Pit Location 2008 Survey
 - S94 As-built Borehole Location 2009 Survey
 - TPS66 As-built Trial Pit Location 2009 Survey
 - PC060 As-built Pavement Core Location 2009 Survey
 - DPS01 As-built Borehole Location 2010 Survey
 - Section Line

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Plan
 Scale 1:2000 @ A1

Rev	Rev. Date	Purpose of revision	KL	JO	SJD	SJD
0	01/09/10	Final				



JACOBS ARUP

Project
FORTH REPLACEMENT CROSSING

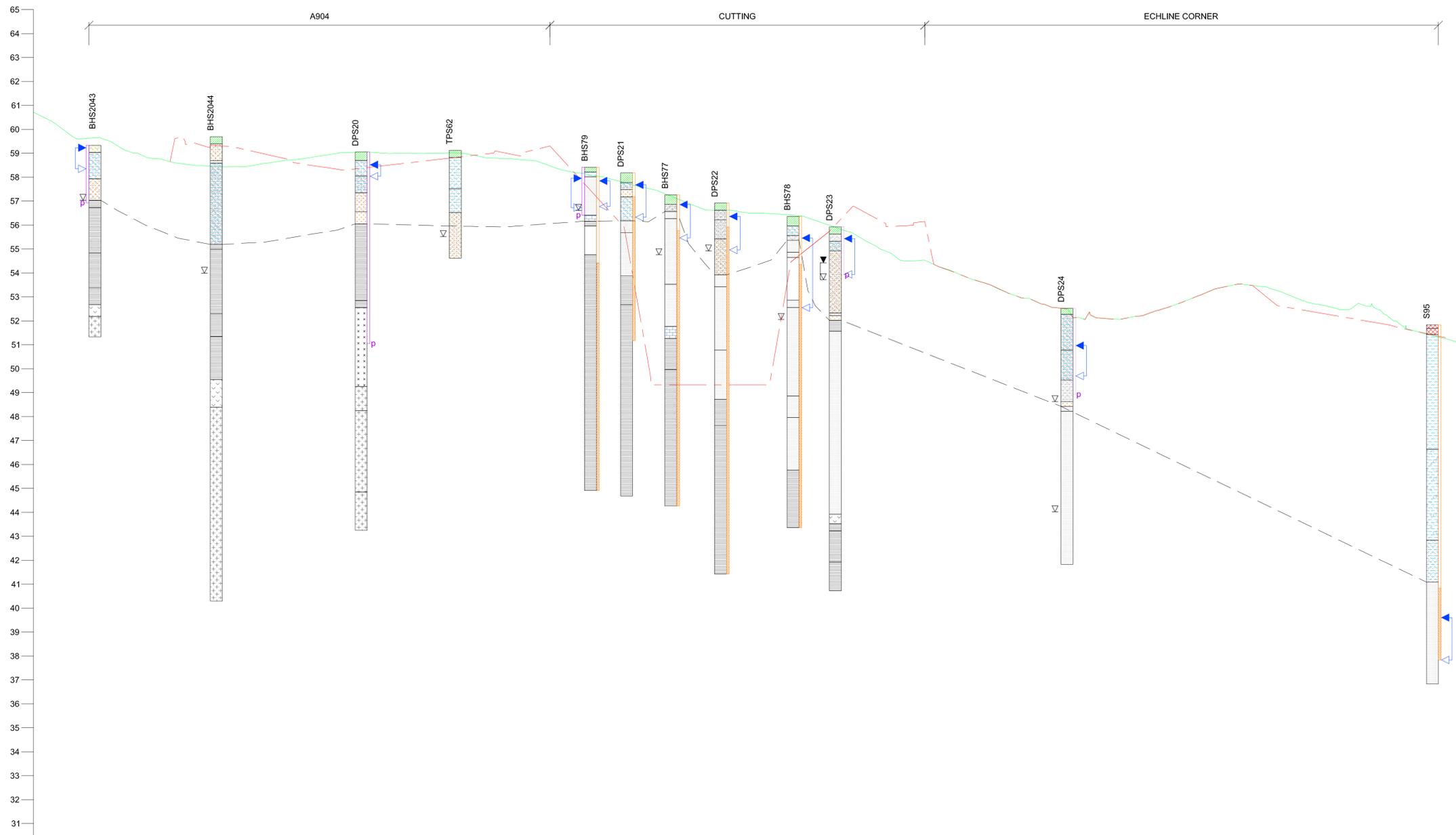
Drawing title
NETWORK CONNECTIONS - SOUTH SOUTH QUEENSFERRY RELEVANT GROUND INVESTIGATION DATA

Drawing status
FINAL

Scale
 1:2000 @ A1 **DO NOT SCALE**

Client no. RD 001675
 Drawing number **FRC/H/SOUTH/OBJ/0002** Rev **0**
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Chainage	Existing Ground Levels	Proposed Mainline Levels
0.000	60.174	
10.000	59.603	
20.000	59.500	
30.000	59.071	
40.000	58.787	
50.000	58.576	
60.000	58.487	
70.000	58.433	
80.000	58.464	
90.000	58.620	
100.000	58.738	
110.000	58.889	
120.000	59.028	
130.000	59.054	
140.000	58.994	
150.000	58.993	
160.000	59.008	
170.000	59.000	
180.000	58.799	
190.000	58.771	
200.000	58.683	
210.000	58.316	
220.000	58.157	
230.000	57.935	
240.000	57.684	
250.000	57.445	
260.000	57.074	
270.000	56.671	
280.000	56.619	
290.000	56.493	
300.000	56.454	
310.000	56.389	
320.000	56.088	
330.000	55.744	
340.000	55.242	
350.000	54.718	
360.000	54.519	
370.000	54.220	
380.000	53.837	
390.000	53.511	
400.000	53.000	
410.000	52.771	
420.000	52.500	
430.000	52.372	
440.000	52.082	
450.000	52.170	
460.000	52.500	
470.000	52.772	
480.000	53.158	
490.000	53.459	
500.000	53.473	
510.000	53.232	
520.000	52.875	
530.000	52.638	
540.000	52.500	
550.000	52.500	
560.000	51.983	
570.000	51.516	
580.000	51.263	
590.000	50.976	
600.000	50.976	

Drawing Scale:- 1:1000H; 1:100V

- Notes:
- Plan based on Stage 3 Alignment dated 14/07/09.
 - Diagrammatic only - for full details refer to the descriptions on the individual exploratory hole records.
 - Weathered and / or fresh till locally totally or partially to be replaced by granular till.

Exploratory Hole Legend

	Topsil		Peat
	Made Ground		Cobbles
	Sand		Sandstone
	Silt		Siltstone
	Gravel		Mudstone
	Clay		Limestone
	Dolerite		

NOTE: Composite soil types will be signified by combined symbols, for example:

Silty SAND

Existing Ground Level

Proposed Ground Level

Conjectured Rockhead

- Groundwater strike level and level rose to in 20 min. in open borehole. Where only one level is shown this is the maximum level.
- Maximum and minimum recorded water level in standpipe or standpipe piezometer.
- Installed standpipe, hatching denotes range of filter.
- Installed piezometer.

1	21/12/10	Groundwater levels updated to November 2010	CC	JO	SJD	SJD
0	01/09/10	Final	KL	JO	SJD	SJD
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Reviewed	Approved



Project
FORTH REPLACEMENT CROSSING

Drawing title
NETWORK CONNECTIONS - SOUTH GEOLOGICAL CROSS-SECTION FRC SECTION A-A CHAINAGE 3650m

Drawing status
FINAL

Scale
 As Shown @ A1 DO NOT SCALE

Client no.
 RD 001675

Drawing number
FRC/H/SOUTH/OBJ/0003

Rev
1

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