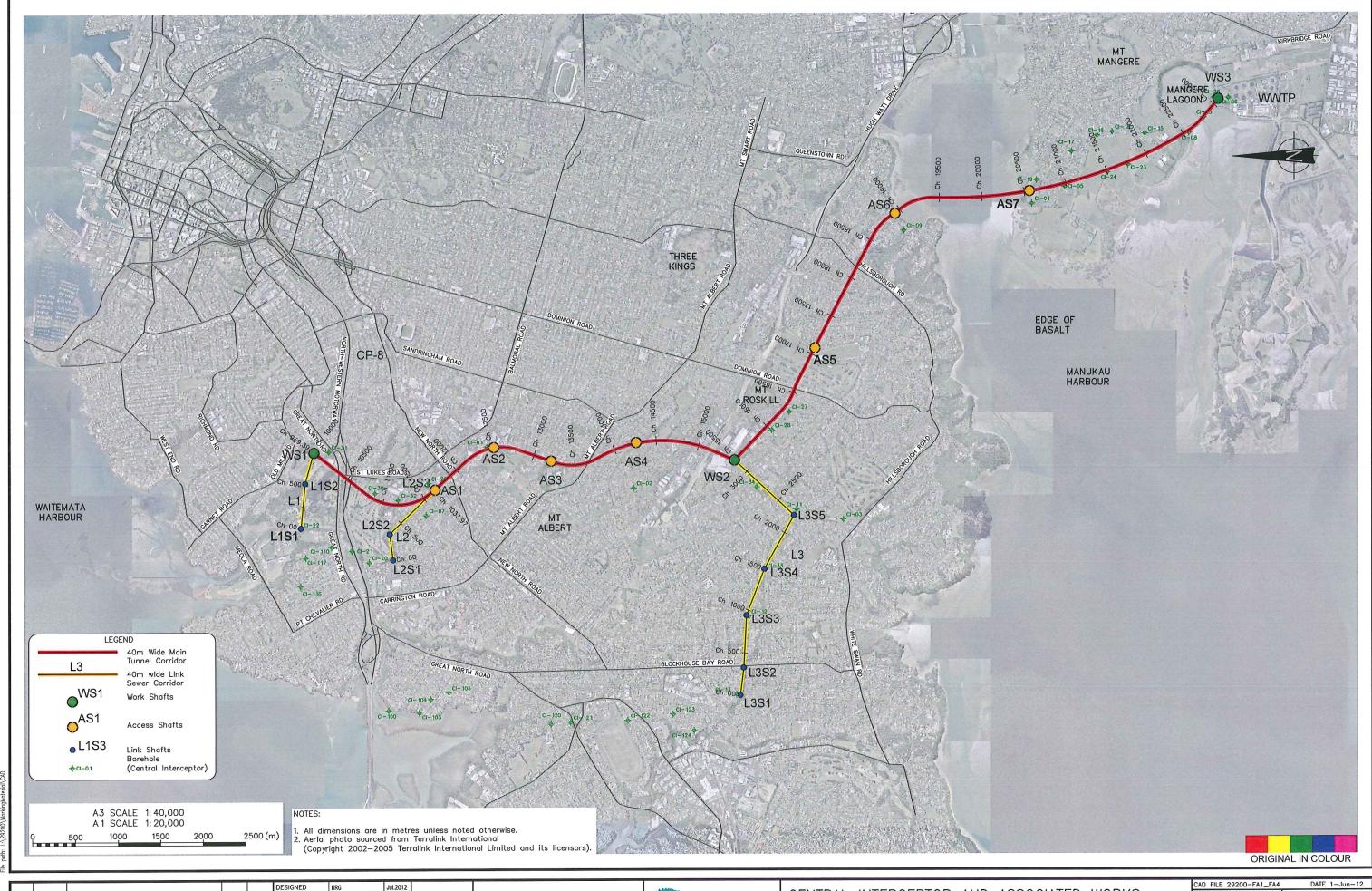




CENTRAL INTERCEPTOR
GROUNDWATER REGIME AND SURFACE SETTLEMENT
TUNNEL SECTION & SHAFT ANALYSIS LOCATIONS

D FILE 29200-FA1_FA4	DATE 1	-Jun-12
ORIGINAL SCALE A1	CONTRAC	CT No.
1:20,000		
DRAWING No		ISSUE
FIGURE A1		d





CENTRAL INTERCEPTOR AND ASSOCIATED WORKS
GEOTECHNICAL CONDITIONS
PROJECT SPECIFIC INVESTIGATIONS

CAD FILE 29200-FA1_FA4	DATE 1-Jun-12
ORIGINAL SCALE A1	CONTRACT No.
1:20,000	_
DRAWING No	. ISSUE
FIGURE A2	2

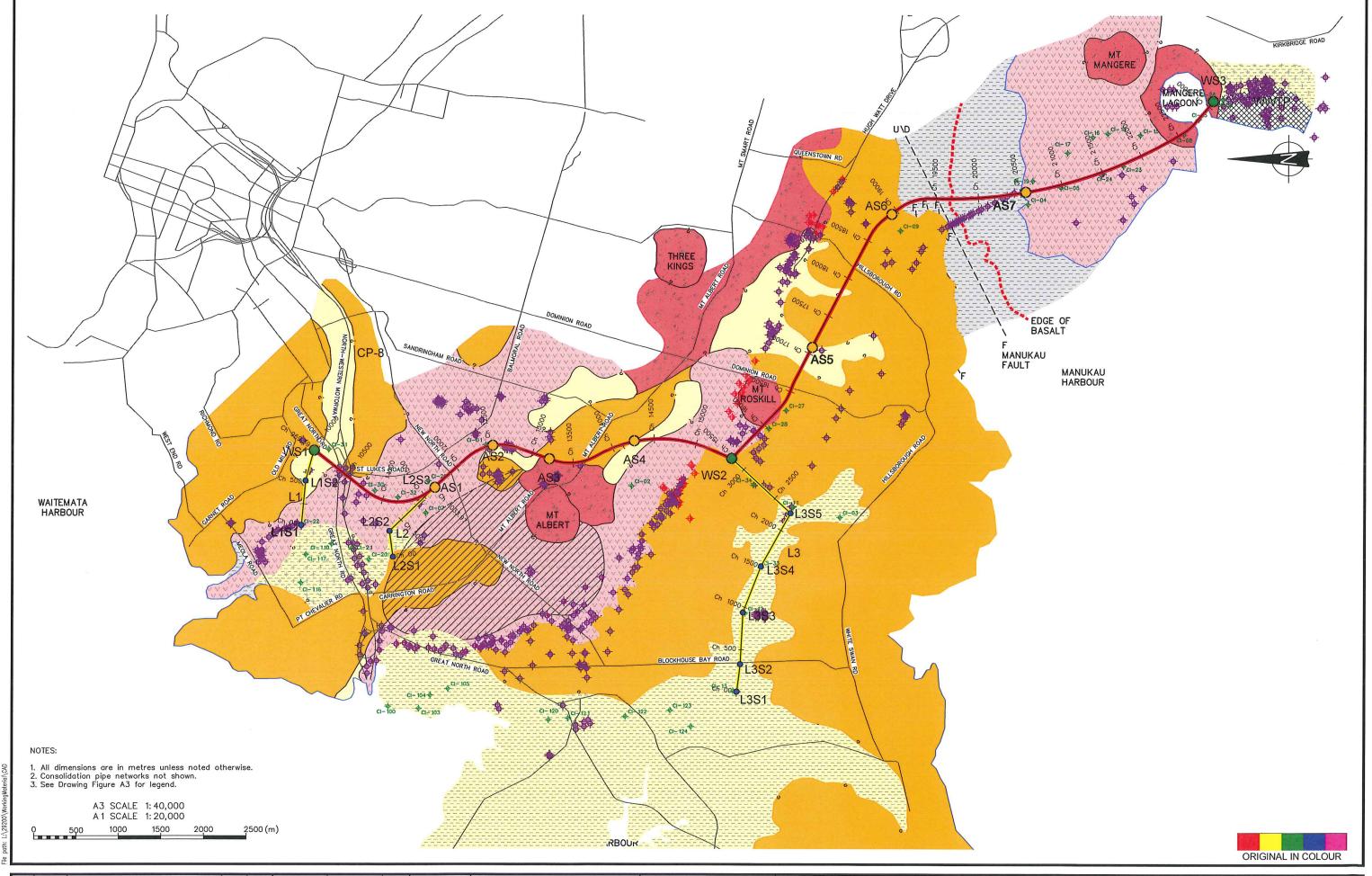
					DESIGNED	PRG.	24/7/12	
					DES. CHECKED	11-74	24/1/12	
					DRAWN	JATG	,	OPERATIONS
		1 ×			DWG. CHECKED	Rhs	1//2	
					REV'D P.MGR	GET	07/12	- 1
					APP'D P.DIR	W814	24/7/12	ASSET MANAGER
ISSUE	DATE	AMENDMENT	BY	APPD.		BY	DATE	MOSEL MANAGER



CENTRAL INTERCEPTOR AND ASSOCIATED WORKS
GEOTECHNICAL CONDITIONS
GEOLOGY LEGEND

CAD FILE 26145.300-CI-F/	A1_FA4 DATE 1-Jun-12
ORIGINAL SCALE A1	CONTRACT No.
NTS	_
DRAWING No.	ISSUE
FIGURE A3	

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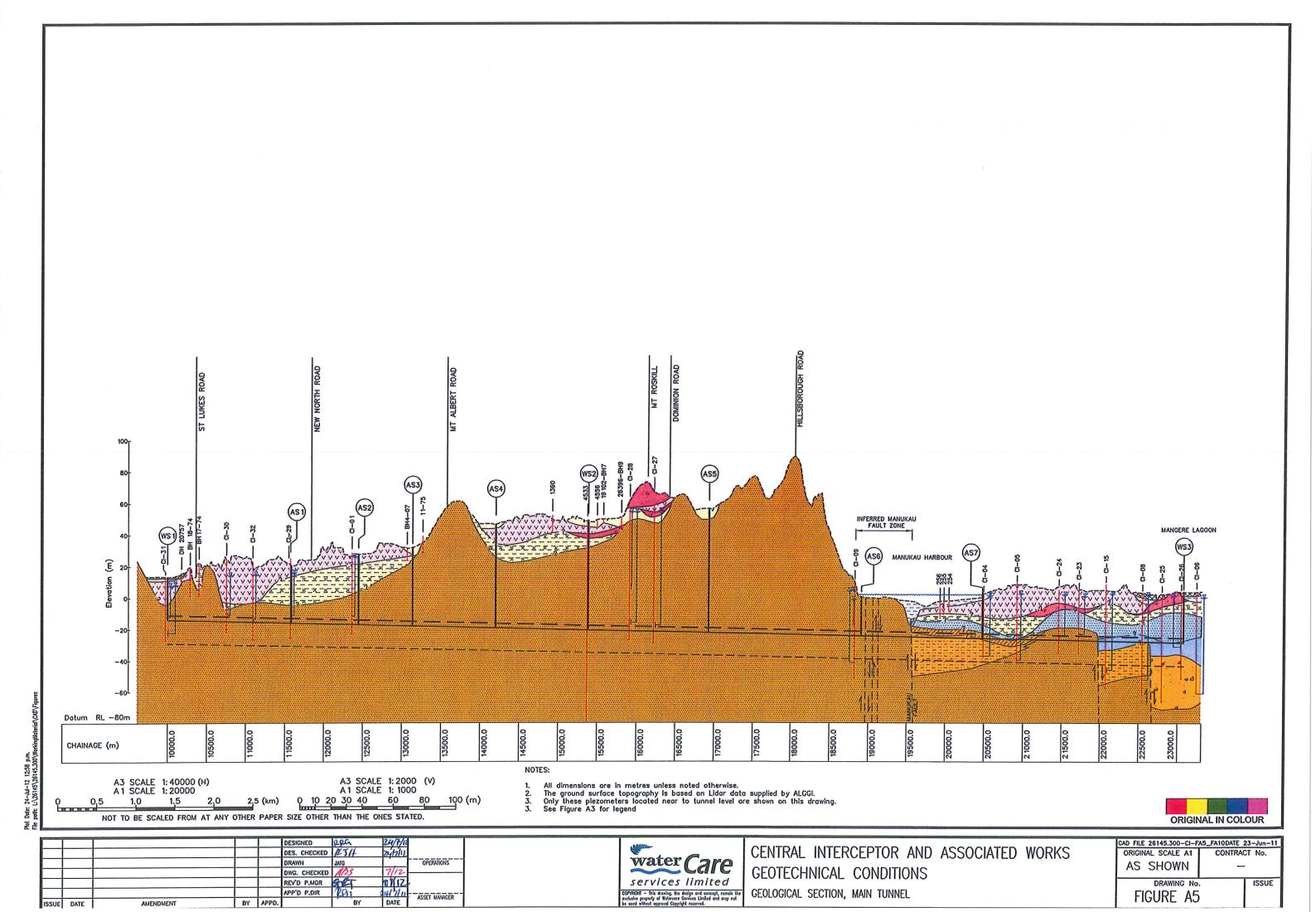


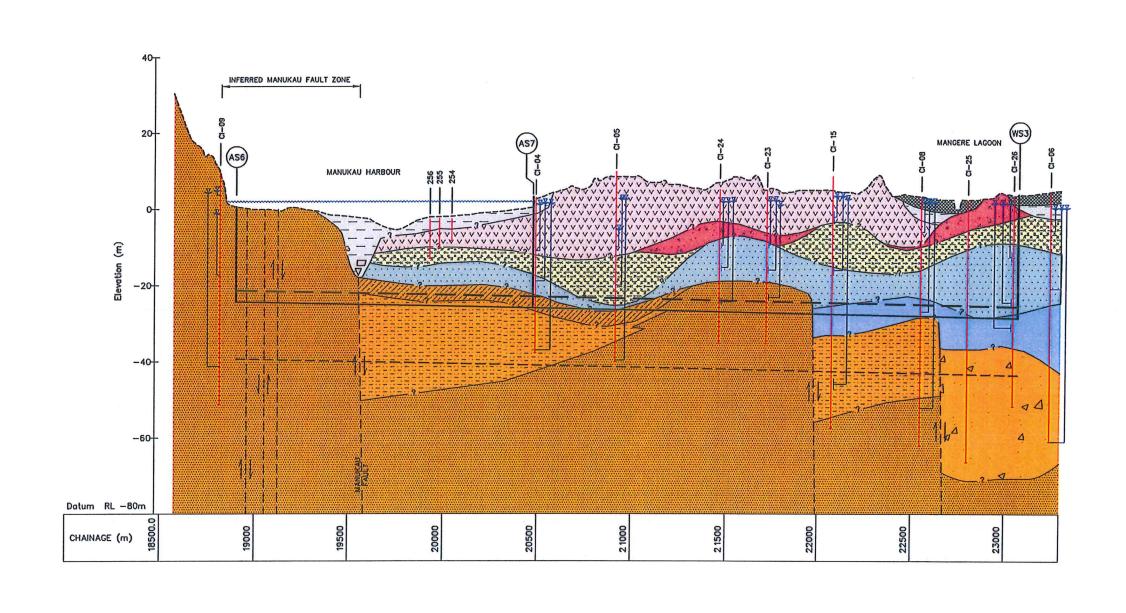
Jul.2012 Jul.2012 DES. CHECKED KPH OPERATIONS Jul.2012 Jul.2012 REV'D P.MGR GRT Jul.2012 2 CJ13 FINAL TUGN MENT APP'D P.DIR Jul.2012 DATE ASSET MANAGER

water Care services limited COPTRICHT - This drawing, the design and concept, remain texclusive property of Watercare Services Limited and may not GEOLOGICAL MAP - RELEVANT BOREHOLE INVESTIGATIONS

CENTRAL INTERCEPTOR AND ASSOCIATED WORKS GEOTECHNICAL CONDITIONS

DATE 1-Jun-12
CONTRACT No.
_
. ISSUE
2





A3 SCALE 1: 20000 (H)
A1 SCALE 1: 10000
0 0,2 0,4 0,6 0,8 1.0 (km)

A3 SCALE 1: 1000 (V) A1 SCALE 1: 500 0 10 20 30 40

## NOTES:

- All dimensions are in metres unless noted otherwise.
  The ground surface topography is based on Lidar data supplied by ALGGi.
  Only these plezometers located near to tunnel level are shown on this drawing.
  See Figure A3 for legend

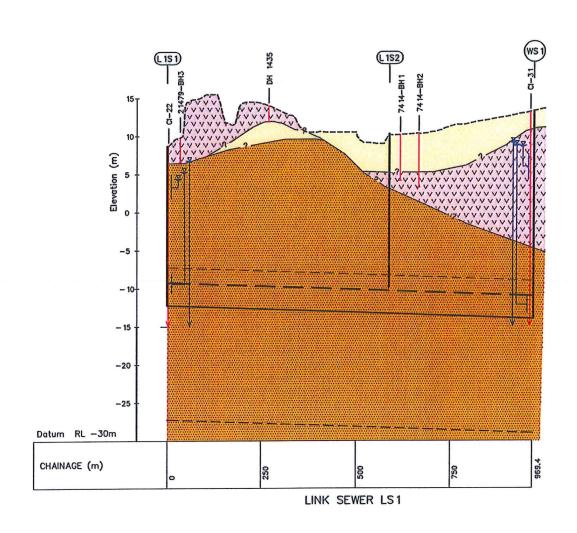
10000		-	1870	1	100	
					200	
1					200	
ORI	CINI	AI	IN	CO	101	IP

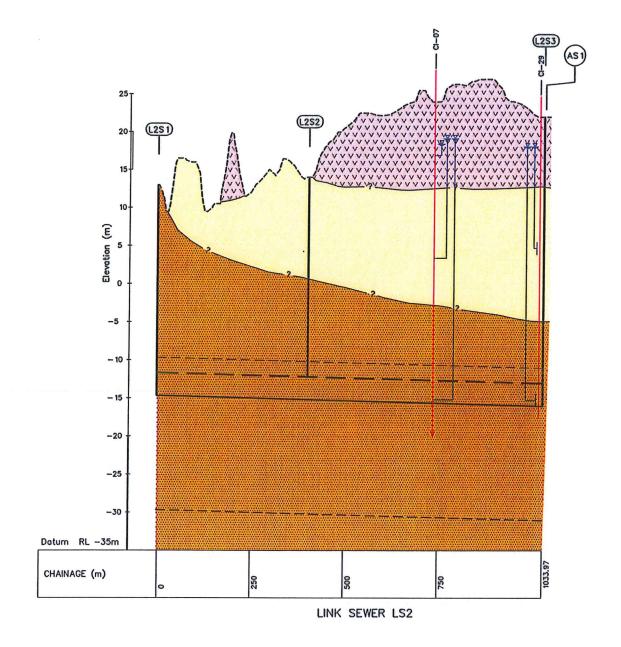
					DESIGNED	RRG	24/26	
					DES. CHECKED	KTIF	2417/1	1
					DRAWN	JATG		OPERATIONS
					DWG. CHECKED	KMS	7/12	
		- 1			REV'D P.MGR	Get	07/12	1
					APP'D P.DIR	7An	24/7/11	ASSET MANAGER
ISSUE	DATE	AMENDMENT	BY	APPD.		BY	DATE	ASSET MANAGER



CENTRAL INTERCEPTOR AND ASSOCIATED WORKS GEOTECHNICAL CONDITIONS GEOLOGICAL SECTION, MANGERE BRIDGE

CAD FILE 26145.300-CI-F	A5_FA10DATE 23-Jun-11
ORIGINAL SCALE A1	CONTRACT No.
AS SHOWN	_
FIGURE A6	





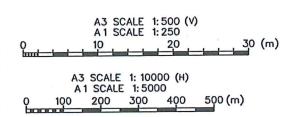
NOTES:

All dimensions are in metres unless noted otherwise.

The ground surface topography is based on Lidar data supplied by ALGGi.

Only these piezometers located near to tunnel level are shown on this drawing.

See Figure A3 for legend



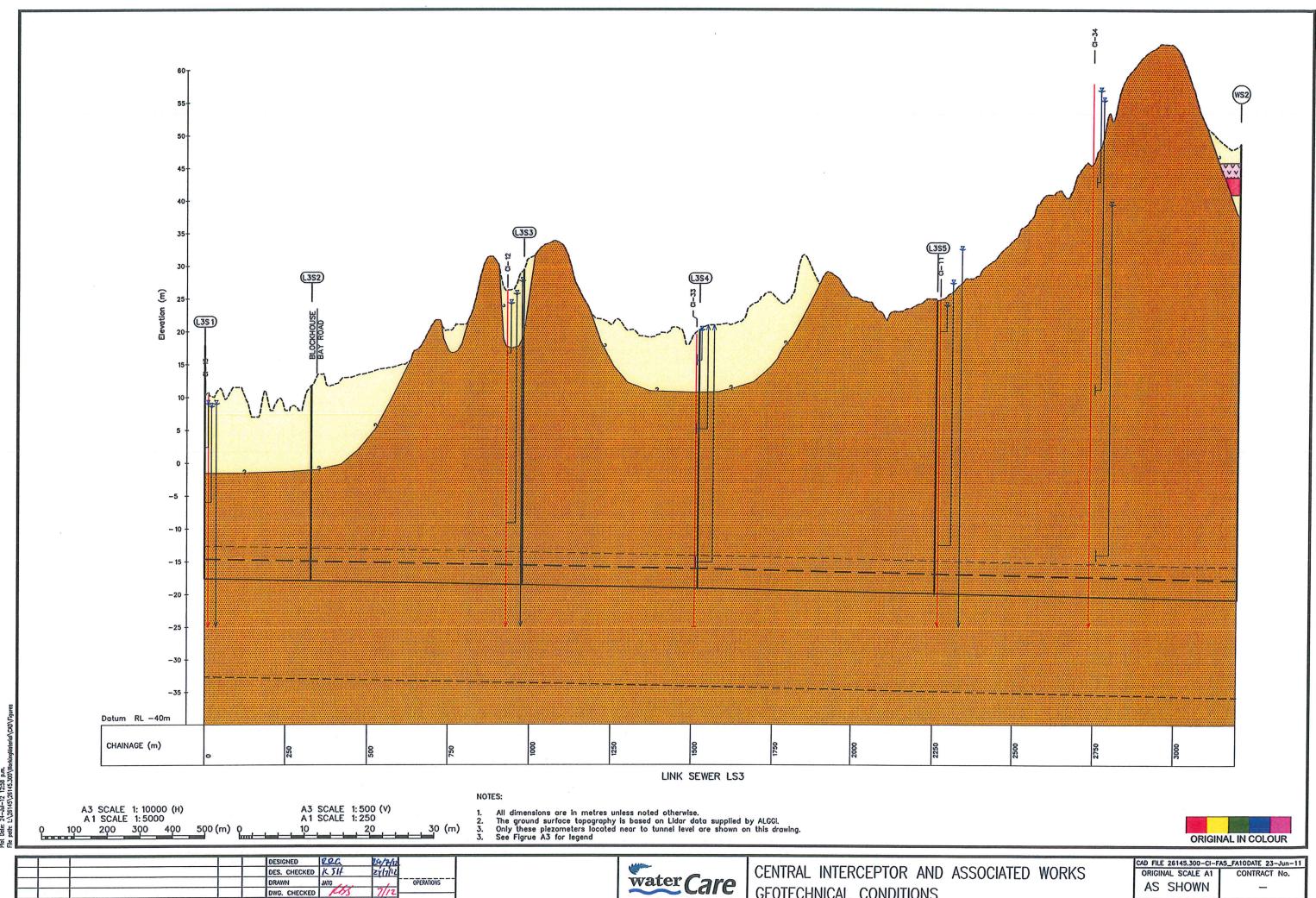
ORIGINAL IN COLOUR

1 1	1			1	DESIGNED		-771	-
					DES. CHECKED	KSH	24/7/12	
					DRAWN	JATG	,	OPERATIONS
					DWG. CHECKED	Phs	7/12	
					REV'D P.MGR	GET	57/12	
					APP'D P.DIR	14211	24/7/12	ASSET MANAGER
ISSUE	DATE	AMENDMENT	BY	APPD.		BY	DATE	NOSEL WARRIOTY



CENTRAL INTERCEPTOR AND ASSOCIATED WORKS GEOTECHNICAL CONDITIONS GEOLOGICAL SECTIONS, LINK SEWERS LS1 AND LS2

and a	CAD FILE 26145.300-CI-F	A5_FA10DATE 23-Jun-11
	ORIGINAL SCALE A1	CONTRACT No.
	AS SHOWN	; <u></u>
	FIGURE A7	



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REV'D P.MGR

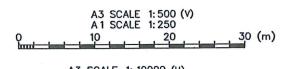
AMENDMENT

ISSUE DATE

GEOTECHNICAL CONDITIONS GEOLOGICAL SECTION, LINK SEWER LS3

DRAWING No. ISSUE FIGURE A8

-25 CHAINAGE (m) LINK SEWER LS4



A3 SCALE 1: 10000 (H)
A1 SCALE 1: 5000
0 100 200 300 400 500 (m)

- All dimensions are in metres unless noted otherwise.
   The ground surface topography is based on Lidar data supplied by ALGGi.
   Only these piezometers located near to tunnel level are shown on this drawing.
   See Figure A3 for legend

ORIGINAL IN COLOUR

					DESIGNED	RRG	24/2/12	
					DES. CHECKED	NIH	24/1/12	
					DRAWN	JATG		OPERATIONS
		Z*			DWG. CHECKED	KAS	7/12	
					REV'D P.MGR	GRET	07/12	
					APP'D P.DIR	Wit '	4(7/12	ASSET MANAGER
ISSUE	DATE	AMENDMENT	BY	APPD.		BY	DATE	NOSEL INVINCEN



CENTRAL INTERCEPTOR AND ASSOCIATED WORKS GEOTECHNICAL CONDITIONS GEOLOGICAL SECTION, LINK SEWER LS4

CAD FILE 26145.300-CI-FA5_FA10DATE 23-Jun-1	
ORIGINAL SCALE A1	CONTRACT No.
AS SHOWN	_
DRAWING NO FIGURE A9	