

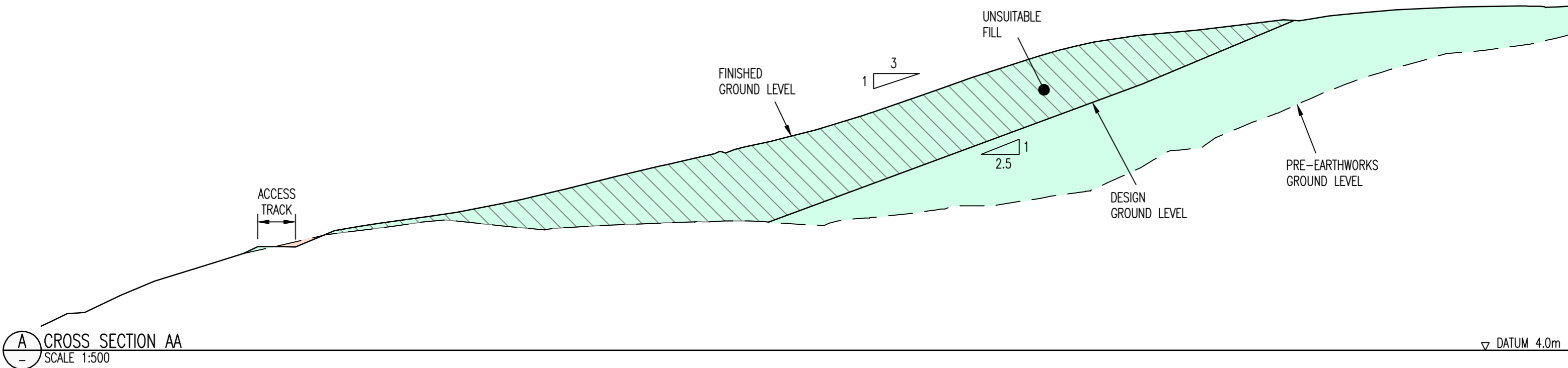
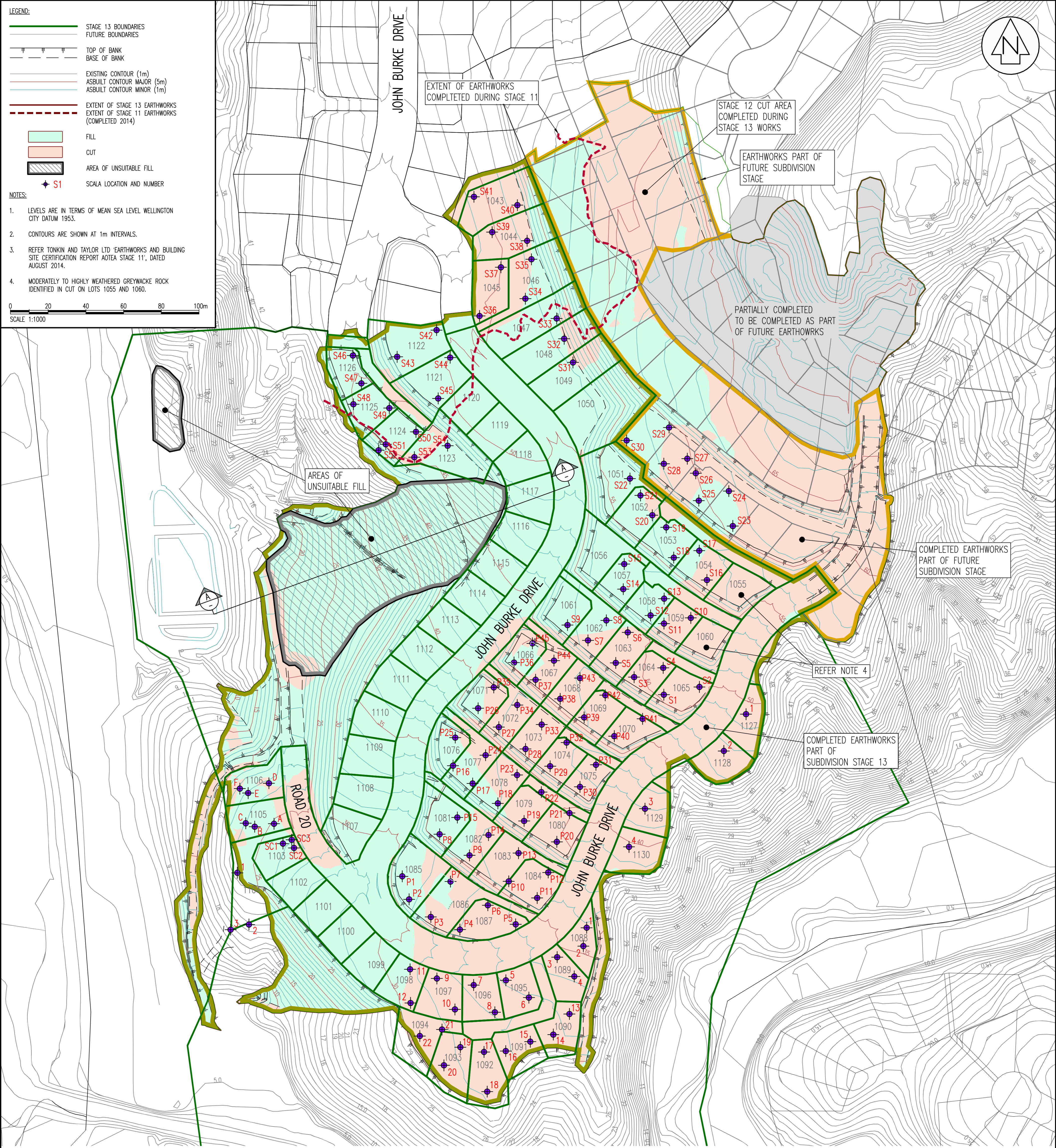
- LEGEND:**
- PROPOSED STAGE 13 BOUNDARIES
  - FUTURE BOUNDARIES
  - TOP OF BANK
  - BASE OF BANK
  - EXISTING CONTOUR (1m)
  - DESIGN CONTOUR MAJOR (5m)
  - DESIGN CONTOUR MINOR (1m)
  - PROPOSED CONSENT NOTICE AREA RESTRICTIONS ON BUILDING
  - PROPOSED CONSENT NOTICE AREA RESTRICTIONS ON BUILDING STRUCTURES ONLY (NOT DRIVEWAYS)

**NOTES:**

- LEVELS ARE IN TERMS OF MEAN SEA LEVEL WELLINGTON CITY DATUM 1953.
- CONTOURS ARE SHOWN AT 1m INTERVALS.

0 10 20 30 40 50m  
SCALE 1:500

AMENDMENT		NAME	DATE
A	SETBACK CHANGES	RFH	07/17
Copyright Cuttriss Consultants Limited			
SCALE	1:500 (A3 1:1000)	SIZE	A1
FIELDWORK	—	NAME	DATE
DESIGNED	RFH	02/15	27513ASBBR
DRAWN	KML	05/15	SHEET 2 OF 2 SHEETS
CHECKED	JHM	05/15	REVISION A



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Cuttriss Consultants Limited  
Hutt Valley, Wellington, Kapiti Coast

JOB

AOTEA  
SUBDIVISION STAGE 13  
ASBUILT EARTHWORKS

CARRUS LIMITED

CLIENT

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SCALE 1:1000 (A3 1:2000)

SIZE A1

NAME DATE

DRAWING NUMBER

FIELDWORK KDG 03/17

27513ASBE

DESIGNED - -

SHEET 1 OF 3 SHEETS

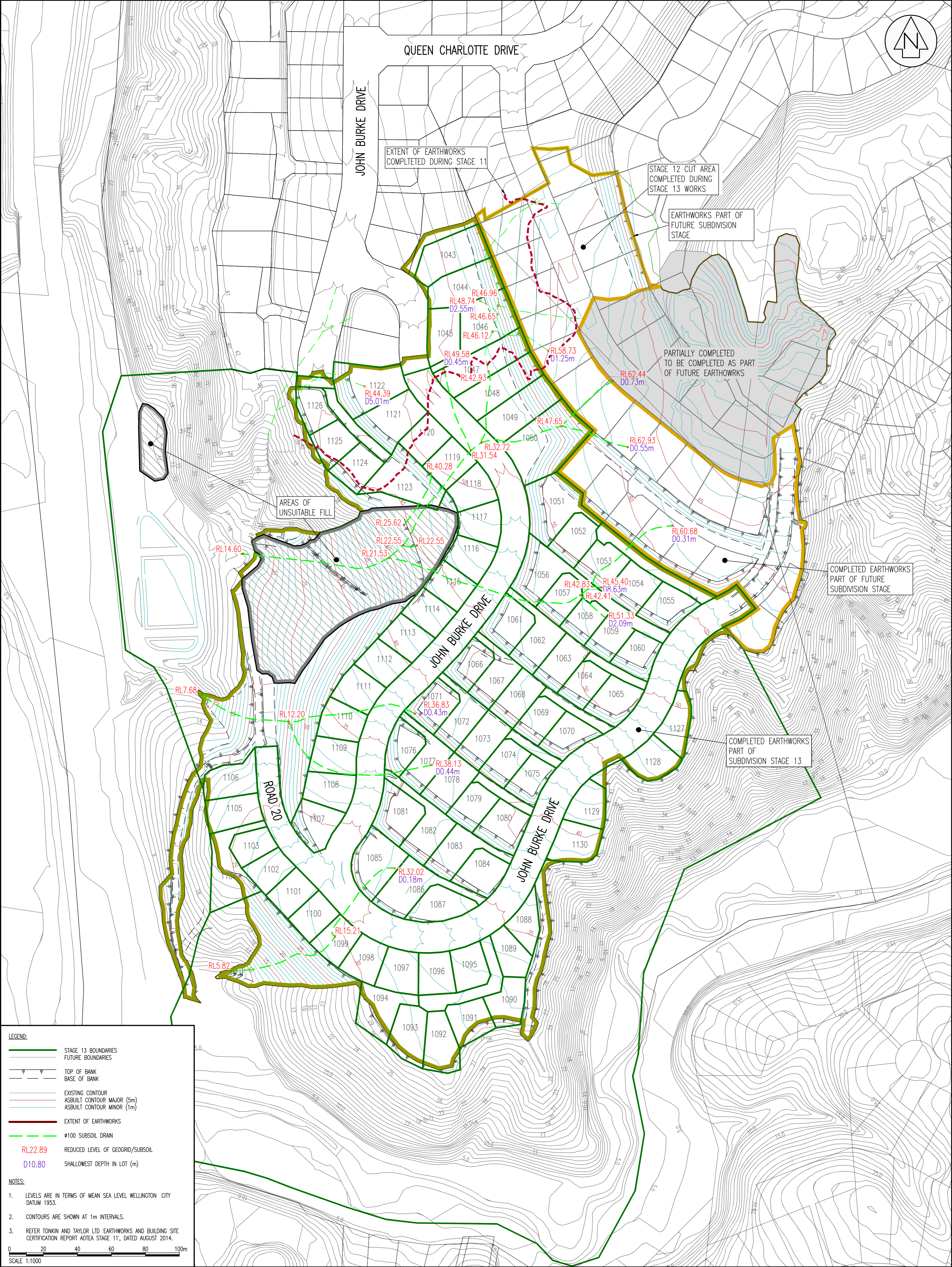
DRAWN KML 03/17

CHECKED RFH 03/17

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Postal Address - PO Box 366, Paraparaumu 5254  
Telephone (04) 904 5420 Email kapiti@cuttriss.co.nz



- LEGEND:
- STAGE 13 BOUNDARIES
  - FUTURE BOUNDARIES
  - TOP OF BANK
  - BASE OF BANK
  - EXISTING CONTOUR
  - ASBUILT CONTOUR MAJOR (5m)
  - ASBUILT CONTOUR MINOR (1m)
  - EXTENT OF EARTHWORKS
  - Ø100 SUBSOIL DRAIN
  - RL22.89 REDUCED LEVEL OF GEOGRID/SUBSOIL
  - D10.80 SHALLOWEST DEPTH IN LOT (m)

- NOTES:
- LEVELS ARE IN TERMS OF MEAN SEA LEVEL WELLINGTON CITY DATUM 1953.
  - CONTOURS ARE SHOWN AT 1m INTERVALS.
  - REFER TONKIN AND TAYLOR LTD 'EARTHWORKS AND BUILDING SITE CERTIFICATION REPORT AOTEA STAGE 11', DATED AUGUST 2014.

0 20 40 60 80 100m  
SCALE 1:1000

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Telephone (04) 904 5420 Email kapiti@cuttriss.co.nz

JOB

CLIENT

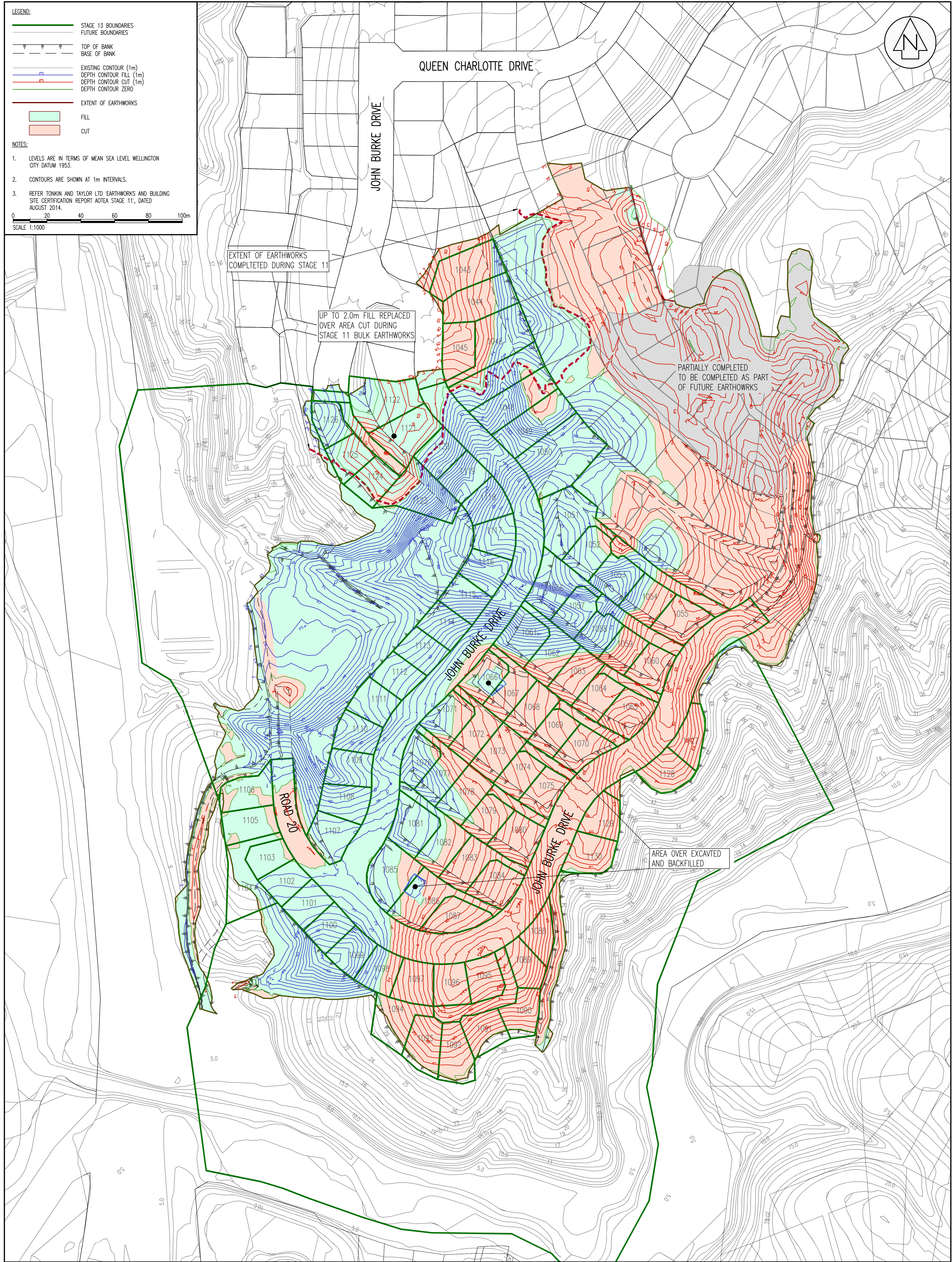
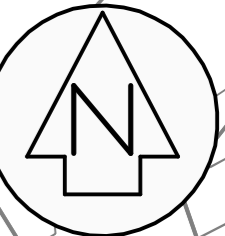
AOTEA  
SUBDIVISION STAGE 13  
ASBUILT EARTHWORKS – SUBSOILS  
CARRUS LIMITED


SCALE 1:1000 (A3 1:2000)			SIZE A1	
FIELDWORK	NAME	DATE	DRAWING NUMBER	
DESIGNED	KDG	03/17	27513ASBE	
DRAWN	KML	03/17	SHEET 2 OF 3 SHEETS	
CHECKED	RFH	03/17	REVISION	—

- LEGEND:
- STAGE 13 BOUNDARIES
  - FUTURE BOUNDARIES
  - TOP OF BANK
  - BASE OF BANK
  - EXISTING CONTOUR (1m)
  - DEPTH CONTOUR FILL (1m)
  - DEPTH CONTOUR CUT (1m)
  - DEPTH CONTOUR ZERO
  - EXTENT OF EARTHWORKS
  - FILL
  - CUT

- NOTES:
- LEVELS ARE IN TERMS OF MEAN SEA LEVEL WELLINGTON CITY DATUM 1953.
  - CONTOURS ARE SHOWN AT 1m INTERVALS.
  - REFER TONKIN AND TAYLOR LTD 'EARTHWORKS AND BUILDING SITE CERTIFICATION REPORT AOTEA STAGE 11', DATED AUGUST 2014.

0 20 40 60 80 100m  
SCALE 1:1000





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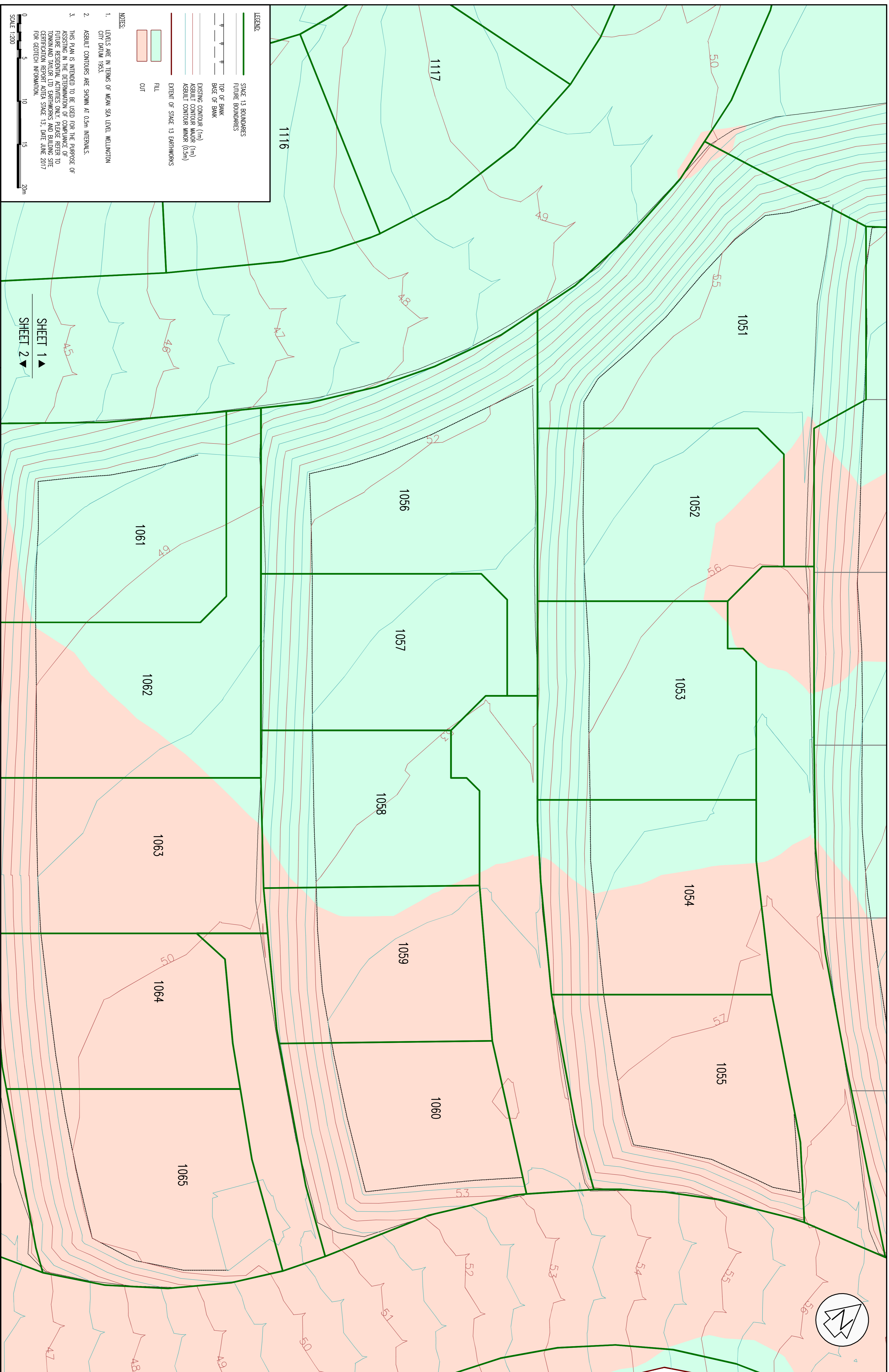
**CLIENT**  
CARRUS LIMITED

**JOB**  
AOTEA  
SUBDIVISION STAGE 13  
ASBUILT EARTHWORKS – DEPTH CONTOURS

SCALE 1:1000 (A3 1:2000)		SIZE A1	
FIELDWORK	KDG	DATE	03/17
DESIGNED	—	DATE	—
DRAWN	KML	03/17	SHEET 3 OF 3 SHEETS
CHECKED	RFH	03/17	REVISION —

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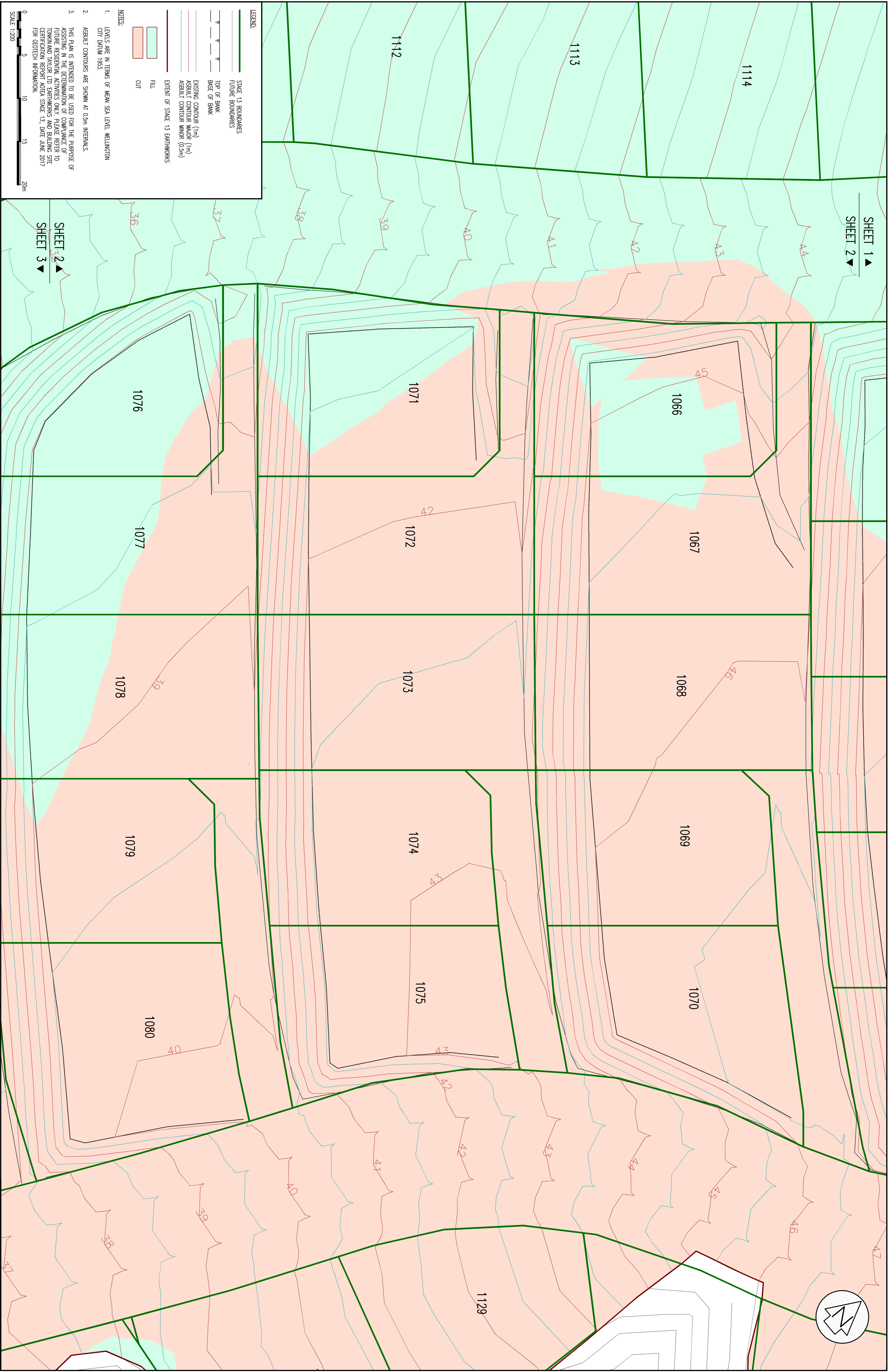
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AOTEA  
SUBDIVISION STAGE 13  
ASBUILT EARTHWORKS – 0.5m CONTOURS LOTS 1051–1084  
AOTEA GROUP LIMITED

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AMENDMENT	NAME	DATE	SCALE 1:200 (1:400 AT A3)	SIZE A1	
A	STAGE NUMBER CORRECTED	RFB	08/17		
				DRAWING NUMBER	
				NAME DATE	
				FIELDWORK KDS 03/17	27513ASBE2
				DESIGNED - -	
				DRAWN RFB 07/17	
				CHECKED JHM 07/17	SHEET 1 OF 3 SHEETS
					REVISION A



SHEET 1 ▲  
SHEET 2 ▼

**LEGEND**

- STAGE 13 BOUNDARIES
- FUTURE BOUNDARIES
- TOP OF BANK
- BASE OF BANK
- EXISTING CONTOUR (1m)
- ASBUILT CONTOUR MAJOR (1m)
- ASBUILT CONTOUR MINOR (0.5m)
- EXTENT OF STAGE 13 EARTHWORKS
- FILL
- CUT

**NOTES:**

- LORES ARE IN TERMS OF MEAN SEA LEVEL, WELLINGTON CITY DATUM 1953.
- ASBUILT CONTOURS ARE SHOWN AT 0.5m INTERVALS.
- THIS PLAN IS INTENDED TO BE USED FOR THE PURPOSE OF ASSESSING IN THE DETERMINATION OF COMPLIANCE OF FUTURE RESIDENTIAL ACTIVITIES ONLY. PLEASE REFER TO TOWNKIND AND TAYLOR LTD EARTHWORKS AND BUILDING SITE CERTIFICATION REPORT AOTEA STAGE 13, DATE JUNE 2017 FOR GEOTECH INFORMATION.

SCALE 1:200

0 5 10 15 20m

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JOB

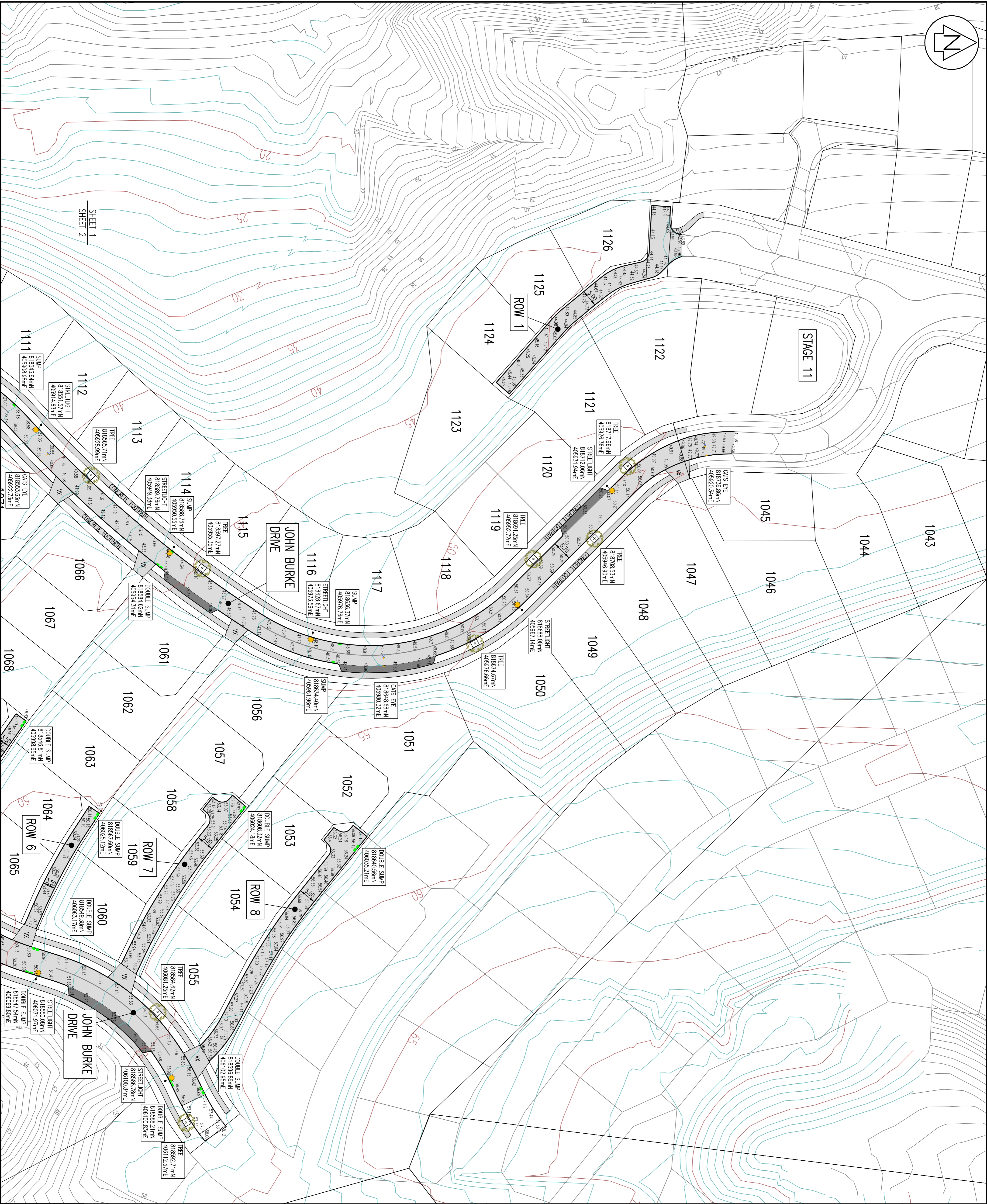
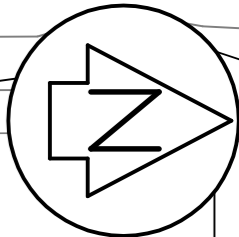
**AOTEA**  
SUBDIVISION STAGE 13  
ASBUILT EARTHWORKS – 0.5m CONTOURS LOTS 1051–1084  
AOTEA GROUP LIMITED

CLIENT

AMENDMENT		NAME	DATE
A	STAGE NUMBER CORRECTED	RRH	06/17

SCALE 1:200 (1:400 AT A3)		SIZE A1	
NAME	DATE	DRAWING NUMBER <b>27513ASBE2</b>	SHEET 2 OF 3 SHEETS
RELDWORK	KOC 03/17		
DESIGNED	–		
DRAWN	RRH 07/17		
CHECKED	JHM 07/17	REVISION	A





AMENDMENT	NAME	DATE
A	ADDITIONAL DATA ADDED	KML 07/17

LEGEND:

BOUNDARY

BOUNDARY (FUTURE STAGE)

EXISTING CONTOUR (1m)

FINISHED CONTOUR MAJOR (5m)

FINISHED CONTOUR MINOR (1m)

1050

LOT NUMBER

SUMP

INDENTED PARKING BAY

NEW STREETLIGHT

BENY TREE

PRAM CROSSING

VEHICLE CROSSING

BLUE CAR'S FIVE HYDRANT MARKER

LEVEL ON TOP OF KERB

20.31

NOTES:

1.

ALL LEVELS ARE IN TERMS OF MEAN SEA LEVEL WELLINGTON DATUM 1953.

2.

COORDINATES ARE IN TERMS OF NEW ZEALAND GEODETIC DATUM 2000, WELLINGTON CIRCUIT.

3.

CONTOURS ARE SHOWN AT 1m INTERVALS.

4.

LEVELS ARE TOP OF KERB.

5.

ALL ROAD SWOPS HYDRO SWOPS UNLESS SHOWN OTHERWISE.

6.

ROAD PAVEMENT - MIN 30mm ASPHALTIC CONCRETE OVER 120mm A-40 BASECOURSE OVER MINIMUM 150mm A-40S SUBBASE

7.

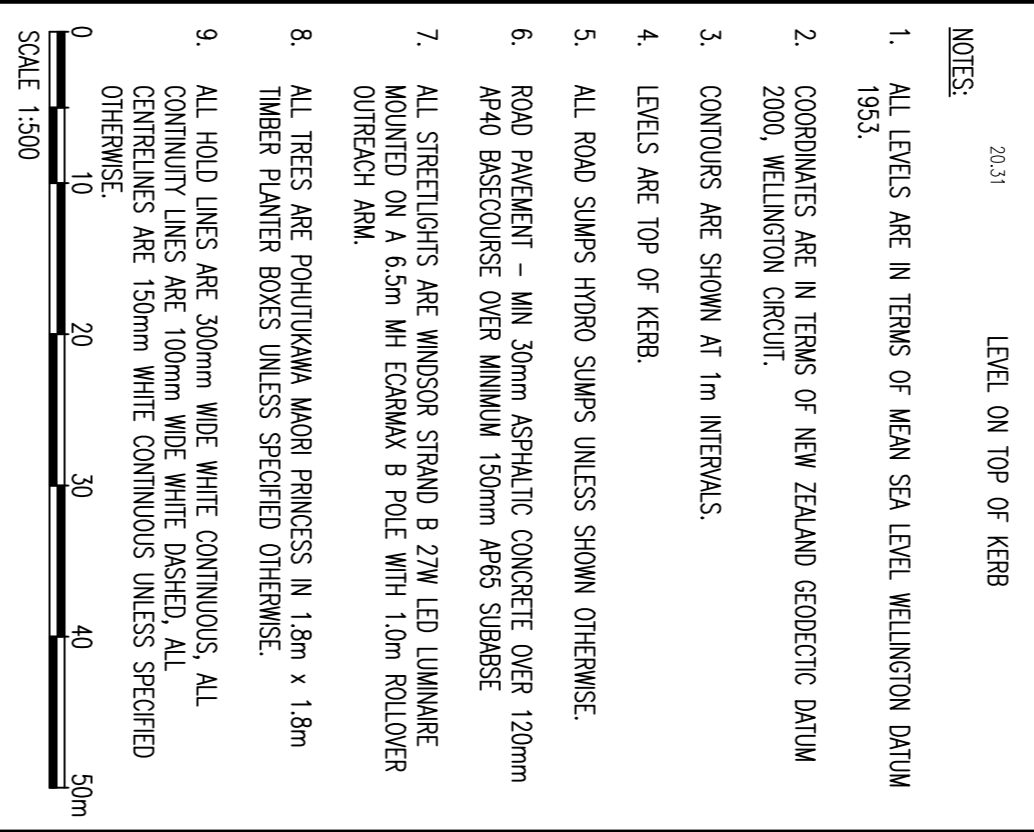
ALL STREETLIGHTS ARE MINUSOR STRAND B 27W LED LUMINAIRE MOUNTED ON A 6.5m WIT ECRANX B POLE WITH 1.0m ROLLER OUTREACH ARM.

8.

ALL TREES ARE POUHITUKAWA MAORI PRUNCESS IN 1.8m x 1.8m THIMER PLANTER BOXES UNLESS SPECIFIED OTHERWISE.

9.

ALL HOLD LINES ARE 300mm WIDE WHITE CONTINUOUS. ALL CONTINUITY LINES ARE 100mm WIDE WHITE DASHED. ALL CENTERLINES ARE 150mm WHITE CONTINUOUS UNLESS SPECIFIED OTHERWISE.



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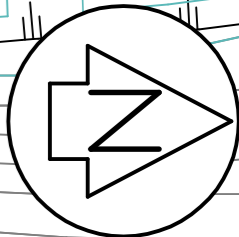
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CLIENT  
**AOTEA GROUP LIMITED**

JOB  
**AOTEA  
SUBDIVISION CIVIL WORKS  
STAGE 13**

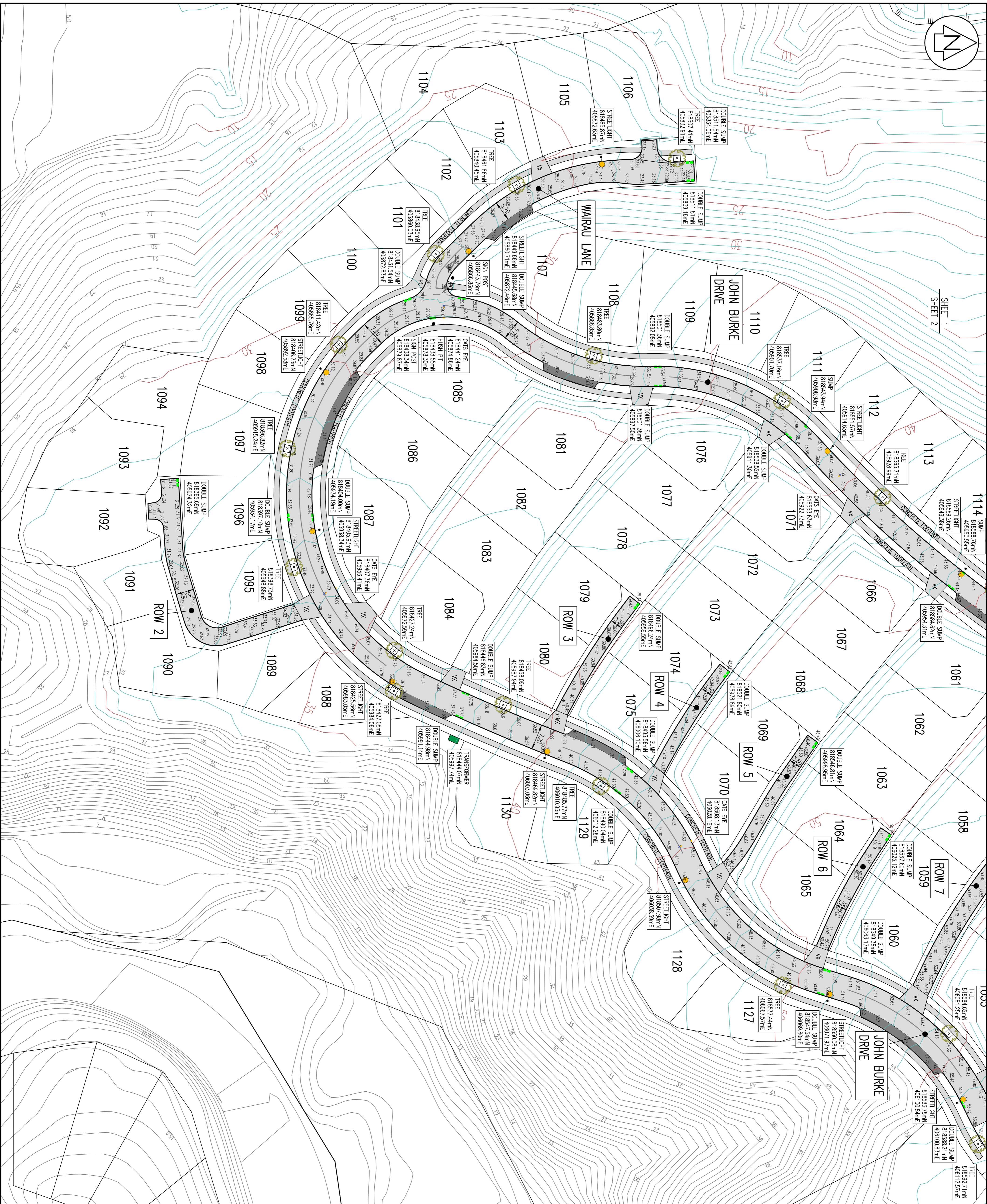
**ASBULT ROADING  
(SHEET 1 OF 2)**

SCALE	1:500 (A3 1:1000)	SIZE	A1
NAME	DATE	DRAWING NUMBER	
FIELDWORK	CRR 06/17	27513ASBR	
DESIGNED	RHH 03/16	SHEET 1 OF 2	SHEETS
DRAWN	KML 06/17	REVISION	A
CHECKED	RHH 07/17		



SHEET 1

SHEET 2



AMENDMENT	NAME	DATE
A	ADDITIONAL DATA ADDED	KML 07/17

LEGEND:

BOUNDARY (FUTURE STAGE)  
EXISTING CONTOUR (1m)  
FINISHED CONTOUR (100m 5m)  
FINISHED CONTOUR (1m)  
FINISHED CONTOUR (1m)

1050

SWAMP

INDENTED PARKING BAY

NEW STREETLIGHT

BERM TREE

PRM CROSSING

VEHICLE CROSSING

BLUE CATS EYE HOVRANT MARKER

LEVEL ON TOP OF KERB

NOTES:

20.31

- ALL LEVELS ARE IN TERMS OF MEAN SEA LEVEL WELLINGTON DATUM 1953.
- COORDINATES ARE IN TERMS OF NEW ZEALAND GEODETIC DATUM 2000, WELLINGTON CIRCUIT.
- CONTIGUOUS ARE SHOWN AT 1m INTERVALS.
- LEVELS ARE TOP OF KERB.
- ALL ROAD SWIMPS HYDRO SWIMPS UNLESS SHOWN OTHERWISE.
- ROAD PAVEMENT - MIN 30mm ASPHALTIC CONCRETE OVER 120mm AP40 BASECOURSE OVER MINIMUM 150mm AP65 SUBBASE.
- ALL STREETLIGHTS ARE WINDSOR SPALD B 27W LED LUMINAIRE MOUNTED ON A 6.5m WH ECRAM B POLE WITH 10m ROLLER OUTREACH ARM.
- ALL TREES ARE PHOTODUOMA MAORI PRINCESS IN 1.8m x 1.8m TIMBER PLANTER BOXES UNLESS SPECIFIED OTHERWISE.
- ALL HOV LINES ARE 300mm WIDE WHITE CONTINUOUS. ALL CONTINUITY LINES ARE 100mm WIDE WHITE DASHED. ALL CENTERLINES ARE 150mm WHITE CONTINUOUS UNLESS SPECIFIED OTHERWISE.

SCALE 1:500

0 10 20 30 40 50m

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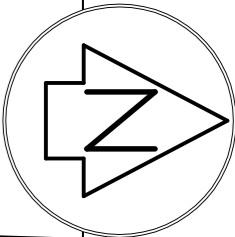
AOTEA GROUP LIMITED

JOB

AOTEA  
SUBDIVISION CIVIL WORKS  
STAGE 13

ASBULT ROADING  
(SHEET 2 OF 2)

SCALE	1:500	(A3 1:1000)	SIZE	A1
NAME	DATE	DRAWING NUMBER	NAME	DATE
FIELDWORK	CRR 06/17	27513ASBR	DESIGNED	RHH 03/16
DRAWN	KML 06/17	SHEET 2 OF 2 SHEETS	CHECKED	RHH 07/17



SEWER MANHOLE COORDINATE TABLE					
MH No.	ML	ME	LL	IL	DEPTH
SSMH6	818686.81	405945.08	43.96	41.89	2.07
SSMH7	818631.15	405922.68	48.31	46.36	1.95
SSMH8	818682.65	405958.51	50.45	48.07	2.38
SSMH9	818177.34	405924.48	50.19	48.61	1.58
SSMH1	818566.03	405984.13	46.04	44.36	1.68
SSMH2	818630.77	405987.76	49.11	47.08	2.03
SSMH3	818631.85	405994.68	52.05	50.49	1.56
SSMH4	818617.13	406012.47	52.98	50.97	1.61
SSMH5	818606.84	406024.63	52.93	51.31	1.62
SSMH6	818624.59	406032.52	53.80	52.24	1.56
SSMH7	818641.65	406047.85	55.66	54.17	1.49
SSMH8	818649.18	406058.07	59.18	56.94	2.24
SSMH9	818616.93	406031.10	56.53	55.00	1.53
SSMH1	818596.66	405999.90	56.71	55.55	1.16
SSMH2	818735.92	405950.52	44.19	42.32	1.87
SSMH3	818726.63	405870.63	44.10	42.61	1.49
SSMH4	818713.09	405873.00	44.48	43.11	1.37
SSMH5	818683.35	405903.46	45.44	43.78	1.66

LEGEND:	
	BOUNDARIES
	FUTURE BOUNDARIES
	EXISTING SEWER
	NEW SEWER
	EXISTING STORMWATER
	NEW STORMWATER
	LOT NUMBER
	DEPTH TO INVERT OF PRIVATE CONNECTION

NOTES:

- LEVELS ARE IN TERMS OF MEAN SEA LEVEL WELLINGTON CITY DATUM 1953.
- COORDINATES ARE IN TERMS OF NEW ZEALAND GEODETIC DATUM 2000 WELLINGTON CIRCUIT.
- ALL DIMENSIONS SHOWN ARE HORIZONTAL IN METRES.
- ALL MANHOLES ARE Ø1050 UNLESS SPECIFIED OTHERWISE.
- ALL SEWER MAINS Ø150 ØPVC UNLESS SPECIFIED OTHERWISE.
- ALL SEWER LATERALS ARE Ø100 ØPVC UNLESS SPECIFIED OTHERWISE.
- THE DEPTH TO INVERT OF PRIVATE CONNECTIONS IS BASED ON INFORMATION PROVIDED BY THE CONTRACTOR AND TAKEN FROM GROUND LEVEL AT TIME OF COMPLETION OF THE SUBMISSION. CONNECTIONS TO BE LOCATED ON SITE PRIOR TO DETAILED DESIGN.



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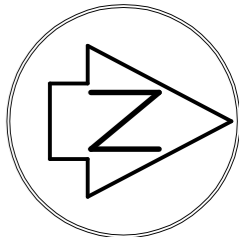
AOTEA GROUP LIMITED

JOB

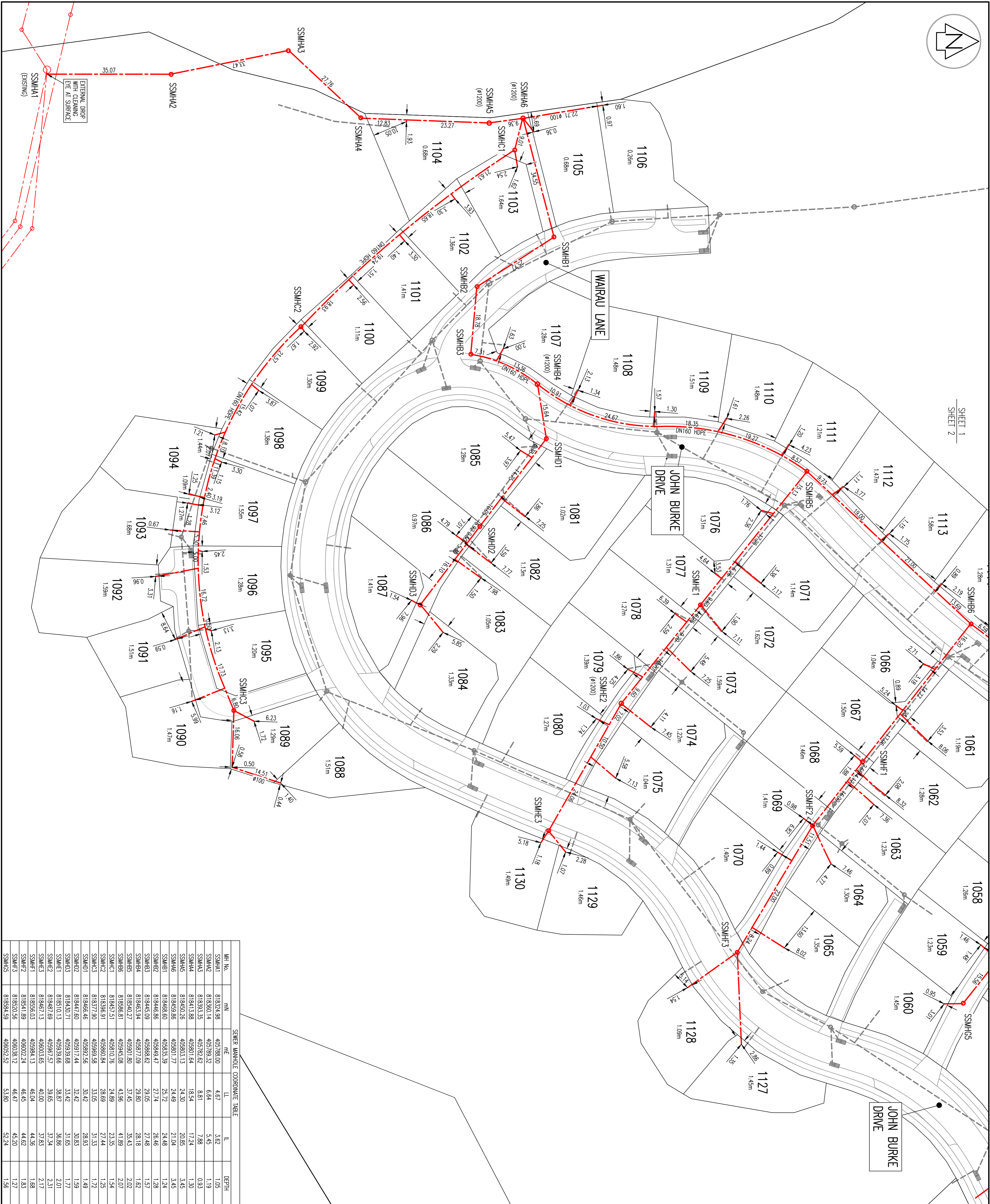
AOTEA  
SUBDIVISION CIVIL WORKS  
STAGE 13

ASBUILT SEWER  
(SHEET 1 OF 2)

SCALE		SIZE	
1:500	(A3 1:1000)	A1	
NAME	DATE	DRAWING NUMBER	
FIELDWORK	06/17	27513ASBSS	
DESIGNED	RHH 03/16		
DRAWN	KML 06/17	SHEET 1	OF 2 SHEETS
CHECKED	RHH 07/17	REVISION	—



SHEET 1  
SHEET 2



SEWER MANHOLE COORDINATE TABLE				
MH No.	N/E	E	N	DEPTH
SSMH1	818324.98	405788.00	4.67	3.62
SSMH2	818301.14	405789.52	6.64	3.45
SSMH3	818393.35	405782.62	8.81	7.88
SSMH4	818413.88	405801.64	18.54	17.24
SSMH5	818450.26	405803.13	24.30	20.85
SSMH6	818458.86	405801.77	24.49	21.04
SSMH1	818468.60	405835.39	25.72	24.48
SSMH2	818468.66	405839.47	27.74	26.46
SSMH3	818445.09	405868.62	29.05	27.48
SSMH4	818463.94	405877.09	29.80	28.18
SSMH5	818540.27	405901.80	37.45	35.43
SSMH6	818506.81	405945.08	43.36	41.89
SSMH1	818457.51	405810.76	24.89	23.35
SSMH2	818396.91	405860.84	28.89	27.44
SSMH3	818377.90	405892.56	33.05	31.33
SSMH4	818468.46	405892.56	30.42	28.93
SSMH5	818447.60	405917.44	32.42	30.83
SSMH6	818430.71	405939.68	33.42	31.65
SSMH1	818510.13	405939.68	38.87	36.88
SSMH2	818467.69	405967.57	39.65	37.34
SSMH3	818467.13	406003.65	40.00	37.83
SSMH4	818556.03	405984.13	46.04	44.36
SSMH5	818541.89	406002.24	46.45	44.62
SSMH6	818520.56	406038.12	46.47	45.20
SSMH1	818894.59	406032.52	53.80	52.24

AMENDMENT	NAME	DATE

LEGEND:

- BOUNDARIES
- FUTURE BOUNDARIES
- EXISTING SEWER
- NEW SEWER
- EXISTING STORMWATER
- NEW STORMWATER

1050  
DEPTH TO INVERT OF PRIVATE CONNECTION

NOTES:

- LEVELS ARE IN TERMS OF MEAN SEA LEVEL, WELLINGTON CITY DATUM 1953.
- COORDINATES ARE IN TERMS OF NEW ZEALAND GEODETIC DATUM 2000 WELLINGTON CRD011.
- ALL DIMENSIONS SHOWN ARE HORIZONTAL, IN METRES.
- ALL MANHOLES ARE #1050 UNLESS SPECIFIED OTHERWISE.
- ALL SEWER MAINS #150 UPVC UNLESS SPECIFIED OTHERWISE.
- ALL SEWER LATERALS ARE #100 UPVC UNLESS SPECIFIED OTHERWISE.
- THE DEPTH TO INVERT OF PRIVATE CONNECTIONS IS BASED ON INFORMATION PROVIDED BY THE CONTRACTOR AND TAKEN FROM EXISTING RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONNECTIONS TO BE LOCATED ON SITE PRIOR TO DETAILED DESIGN.



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Hutt Valley, Wellington, Capital Coast

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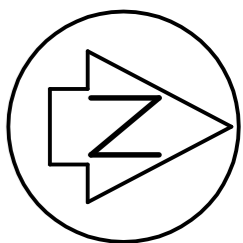
JOB

AOTEA  
SUBDIVISION CIVIL WORKS  
STAGE 13

ASBUILT SEWER  
(SHEET 2 OF 2)

SCALE		SIZE
1:500	(A3 1:1000)	

NAME	DATE	DRAWING NUMBER
FIELDWORK	06/17	27513ASBSS
DESIGNED	RHH 03/16	
DRAWN	KML 06/17	SHEET 2 OF 2 SHEETS
CHECKED	RHH 07/17	REVISION -

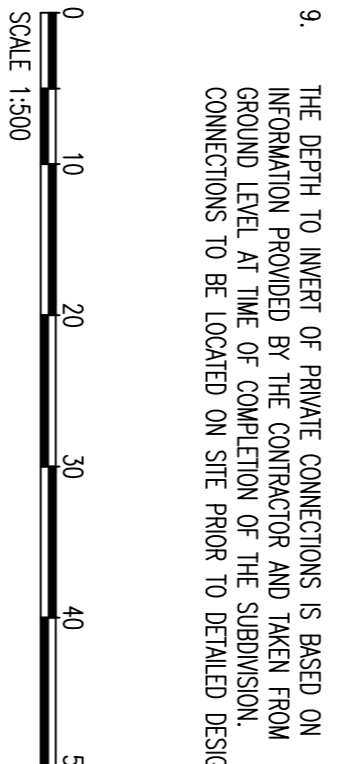


STORMWATER MANHOLE COORDINATE TABLE					
MH No.	N	E	L	L	DEPTH
SMWH1A	818618.46	405730.61	-	7.91	-
SMWH1B	818618.49	405735.93	10.36	7.96	2.40
SMWH1C	818619.59	405905.65	14.77	12.03	2.74
SMWH1D	818609.17	405919.11	16.85	15.29	1.56
SMWH1E	818633.70	405826.99	19.39	17.92	1.47
SMWH1F	818602.71	405954.39	44.00	42.02	1.98
SMWH1G	818625.50	405983.10	48.16	46.36	1.80
SMWH1H	818594.98	406059.28	50.33	48.96	1.37
SMWH1I	818548.05	405995.67	55.65	54.21	1.44
SMWH1J	818550.20	406027.29	49.70	48.26	1.61
SMWH1K	818567.88	406021.79	50.02	48.95	1.07
SMWH1L	818629.21	405987.64	49.94	47.00	2.04
SMWH1M	818630.10	405994.95	52.08	50.38	1.70
SMWH1N	818614.70	406013.96	52.65	50.92	1.73
SMWH1O	818607.79	406022.04	52.88	51.47	1.47
SMWH1P	818621.64	406019.60	55.74	53.69	2.05
SMWH1Q	818636.75	406033.40	56.11	54.01	2.10
SMWH1R	818617.35	406061.47	56.98	55.75	1.23
SMWH1S	818643.74	406029.35	56.07	54.14	1.93
SMWH1T	818650.74	406034.61	59.12	57.20	1.92
SMWH1U	818725.63	405851.04	44.07	42.46	1.61
SMWH1V	818724.71	405872.00	44.17	42.96	1.19
SMWH1W	818712.63	405874.58	44.46	43.17	1.29
SMWH1X	818685.13	405903.29	45.36	44.08	1.28
SMWH1Y	818672.92	405910.49	49.62	47.81	1.81
SMWH1Z	818634.16	405776.99	-	48.10	1.57
SMWH1A	818629.91	405810.93	-	7.98	-
SMWH1B	818629.91	405810.93	-	13.38	-

- LEGEND:
- BOUNDARIES
  - FUTURE BOUNDARIES
  - EXISTING SEWER
  - NEW SEWER
  - EXISTING STORMWATER
  - NEW STORMWATER
  - STORMWATER KERB OUTLET
  - LOT NUMBER
  - DEPTH TO INVERT OF PRIVATE CONNECTION

NOTES:

- LEVELS ARE IN TERMS OF MEAN SEA LEVEL WELLINGTON CITY DATUM 1953.
- COORDINATES ARE IN TERMS OF NEW ZEALAND GEODETIC DATUM 2000 WELLINGTON ORIGIN.
- ALL DIMENSIONS SHOWN ARE HORIZONTAL IN METRES.
- ALL MANHOLES ARE Ø1050 WITH WEBBORGE HEAVY DUTY CLASS D HINGED LD UNLESS SPECIFIED OTHERWISE.
- ALL STORMWATER MAINS Ø225-Ø375 ARE BOSS PIPE UNLESS SPECIFIED OTHERWISE.
- ALL STORMWATER MAINS >Ø375 ARE RCPB CLASS 2 UNLESS SPECIFIED OTHERWISE.
- ALL SUMP LEADS ARE Ø300 BOSS PIPE UNLESS SPECIFIED OTHERWISE.
- ALL STORMWATER LATERALS ARE Ø100 UPVC UNLESS SPECIFIED OTHERWISE.
- ALL STORMWATER KERB OUTLETS ARE GALVANISED IRON WITH GALVANISED KERB ADAPTOR.
- THE DEPTH TO INVERT OF PRIVATE CONNECTIONS IS BASED ON INFORMATION PROVIDED BY THE CONTRACTOR AND TAKEN FROM GROUND LEVEL AT TIME OF COMPLETION OF THE SUBDIVISION. CONNECTIONS TO BE LOCATED ON SITE PRIOR TO DETAILED DESIGN.



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Hunt Valley Wellington, Kapiti Coast

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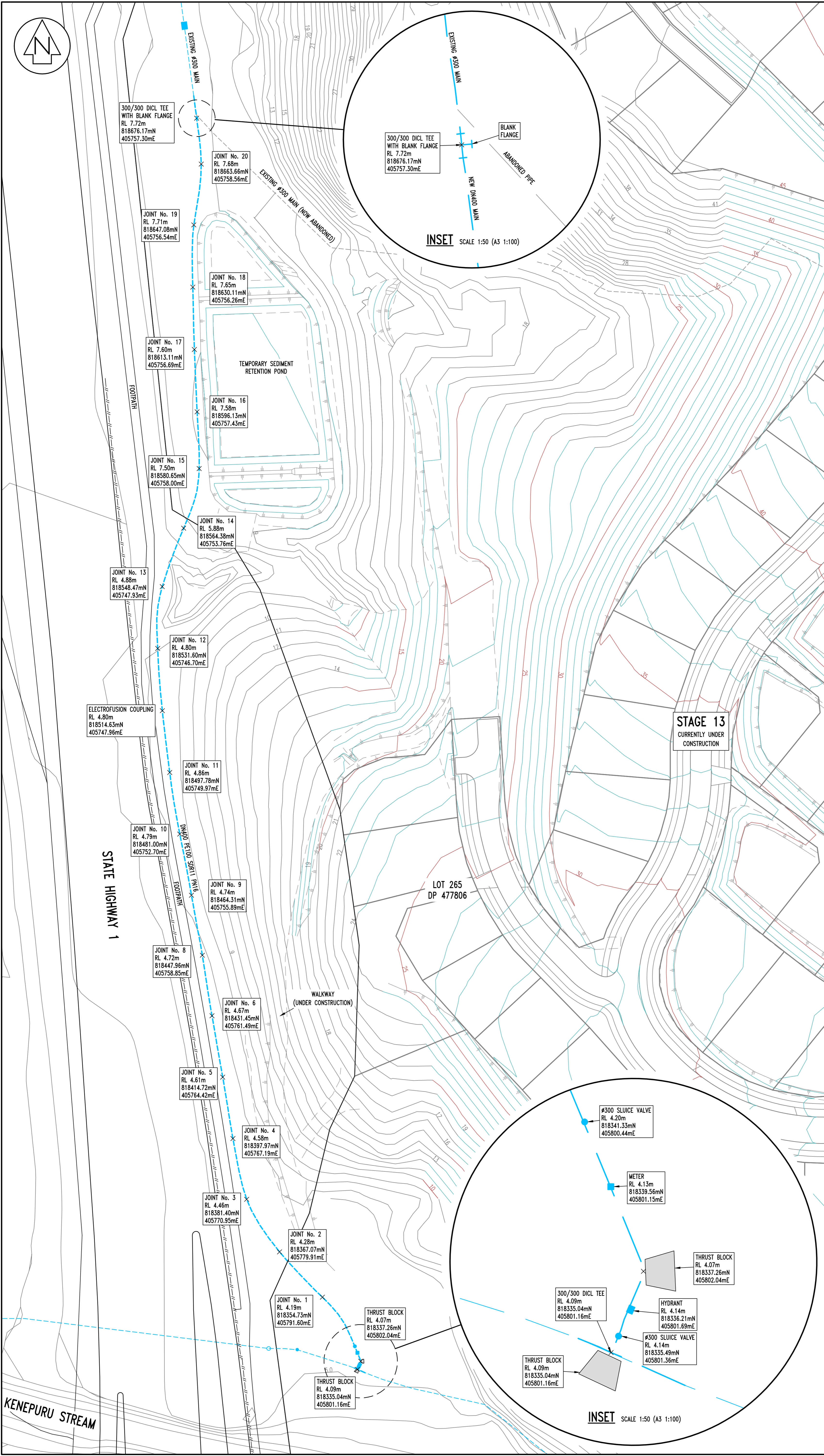
CLIENT  
AOTEA GROUP LIMITED

JOB  
AOTEA  
SUBDIVISION CIVIL WORKS  
STAGE 13

ASBUILT STORMWATER  
(SHEET 1 OF 2)

SCALE		SIZE	
1:500	(A3 1:1000)	A1	
NAME	DATE	DRAWING NUMBER	
FIELDWORK	CJR 06/17	27513ASBSW	
DESIGNED	RHH 03/16		
DRAWN	KML 06/17		
CHECKED	RHH 07/17	SHEET 1 OF 2	SHEETS
		REVISION	A





AMENDMENT		NAME	DATE
A	SCOUR BLOCK COORDINATES AMENDED	KML	07/16

INSET SCALE 1:50 (A3 1:100)

**LEGEND:**

- BOUNDARY
- FUTURE BOUNDARY
- EXISTING CONTOUR (1m)
- DESIGN CONTOUR MAJOR (5m)
- DESIGN CONTOUR MINOR (1m)
- TOP OF BANK
- BASE OF BANK
- EXISTING TRUNK WATER MAIN
- NEW TRUNK WATER MAIN
- TRUNK WATER MAIN ABANDONED
- FIRE HYDRANT
- VALVE
- THRUST BLOCK (INDICATIVE)

**NOTES**

- LEVELS ARE IN TERMS OF MEAN SEA LEVEL WELLINGTON CITY DATUM 1953.
- COORDINATES ARE IN TERMS OF NZGD 2000 WELLINGTON CIRCUIT.
- JOINT NUMBERS REFER TO WELDING DATA LOGS AND MAY NOT BE CONSECUTIVE.
- ALL LEVELS ARE ARE TOP OF PIPE UNLESS SPECIFIED OTHERWISE.
- WORKS COMPLETED BY MCLATCHIE AND SHARP LTD FEBRUARY – JUNE 2016.
- ALL PE PIPE BUTT WELDING AND ELECTROFUSION COUPLERS COMPLETED BY UGP PIPE SYSTEMS
- DN400 MAINS ARE PE100 SDR11 PN16 SUPPLIER: ASMUSST  
DN500 MAINS ARE PE100 SDR11 PN16 SUPPLIER: ASMUSST  
#375 MAINS ARE DUCTILE IRON CONCRETE LINED WITH PE WRAP SUPPLIER: ASMUSST

0 10 20 30 40 50m  
SCALE 1:500

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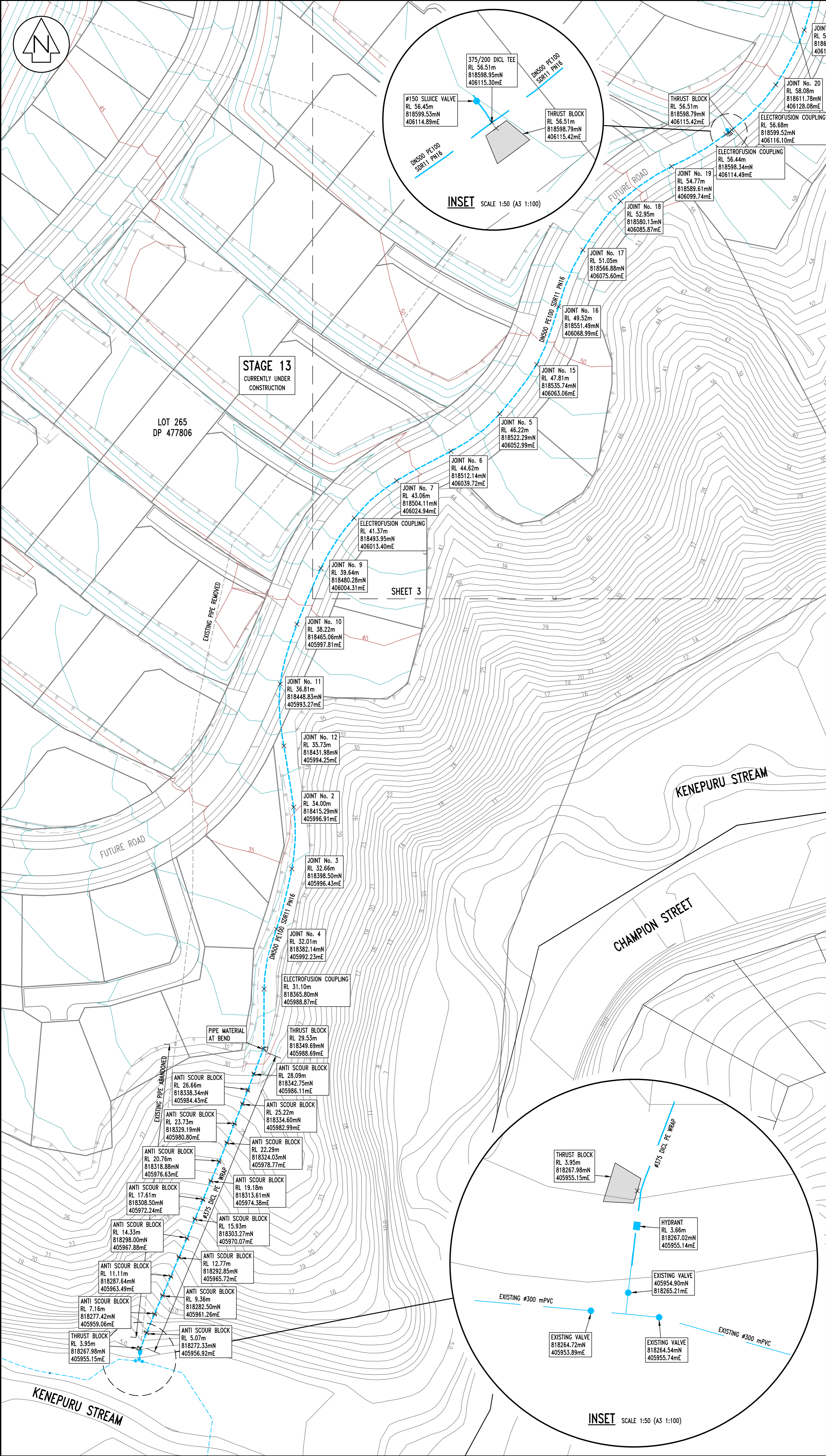
CLIENT  
**CARRUS LIMITED**

JOB  
**AOTEA TRUNK WATER MAIN REALIGNMENT**

**ASBUIT TRUNK WATER ø300 WATER MAIN**

SCALE	1:500 (A3 1:1000)	SIZE	A1
FIELDWORK	KDG	DATE	06/16
DESIGNED	JHM	DATE	07/15
DRAWN	KML	DATE	06/16
CHECKED	JHM	DATE	06/16

DRAWING NUMBER	
27513ASBTW	
SHEET	1 OF 3 SHEETS
REVISION	A



AMENDMENT		NAME	DATE
A	SCOUR BLOCK COORDINATES AMENDED	KML	07/16

**LEGEND:**

- BOUNDARY
- FUTURE BOUNDARY
- EXISTING CONTOUR (1m)
- DESIGN CONTOUR MAJOR (5m)
- DESIGN CONTOUR MINOR (1m)
- TOP OF BANK
- BASE OF BANK
- EXISTING TRUNK WATER MAIN
- NEW TRUNK WATER MAIN
- TRUNK WATER MAIN ABANDONED
- FIRE HYDRANT
- VALVE
- THRUST BLOCK (INDICATIVE)

**NOTES**

- LEVELS ARE IN TERMS OF MEAN SEA LEVEL WELLINGTON CITY DATUM 1953.
- COORDINATES ARE IN TERMS OF NZGD 2000 WELLINGTON CIRCUIT.
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- ALL LEVELS ARE ARE TOP OF PIPE UNLESS SPECIFIED OTHERWISE.
- WORKS COMPLETED BY MCLATCHIE AND SHARP LTD FEBRUARY – JUNE 2016.
- ALL PE PIPE BUTT WELDING AND ELECTROFUSION COUPLERS COMPLETED BY UGP PIPE SYSTEMS
- DN400 MAINS ARE PE100 SDR11 PN16 SUPPLIER: ASMUSSE  
DN500 MAINS ARE PE100 SDR11 PN16 SUPPLIER: ASMUSSE  
#375 MAINS ARE DUCTILE IRON CONCRETE LINED WITH PE WRAP SUPPLIER: ASMUSSE

0 10 20 30 40 50m  
SCALE 1:500

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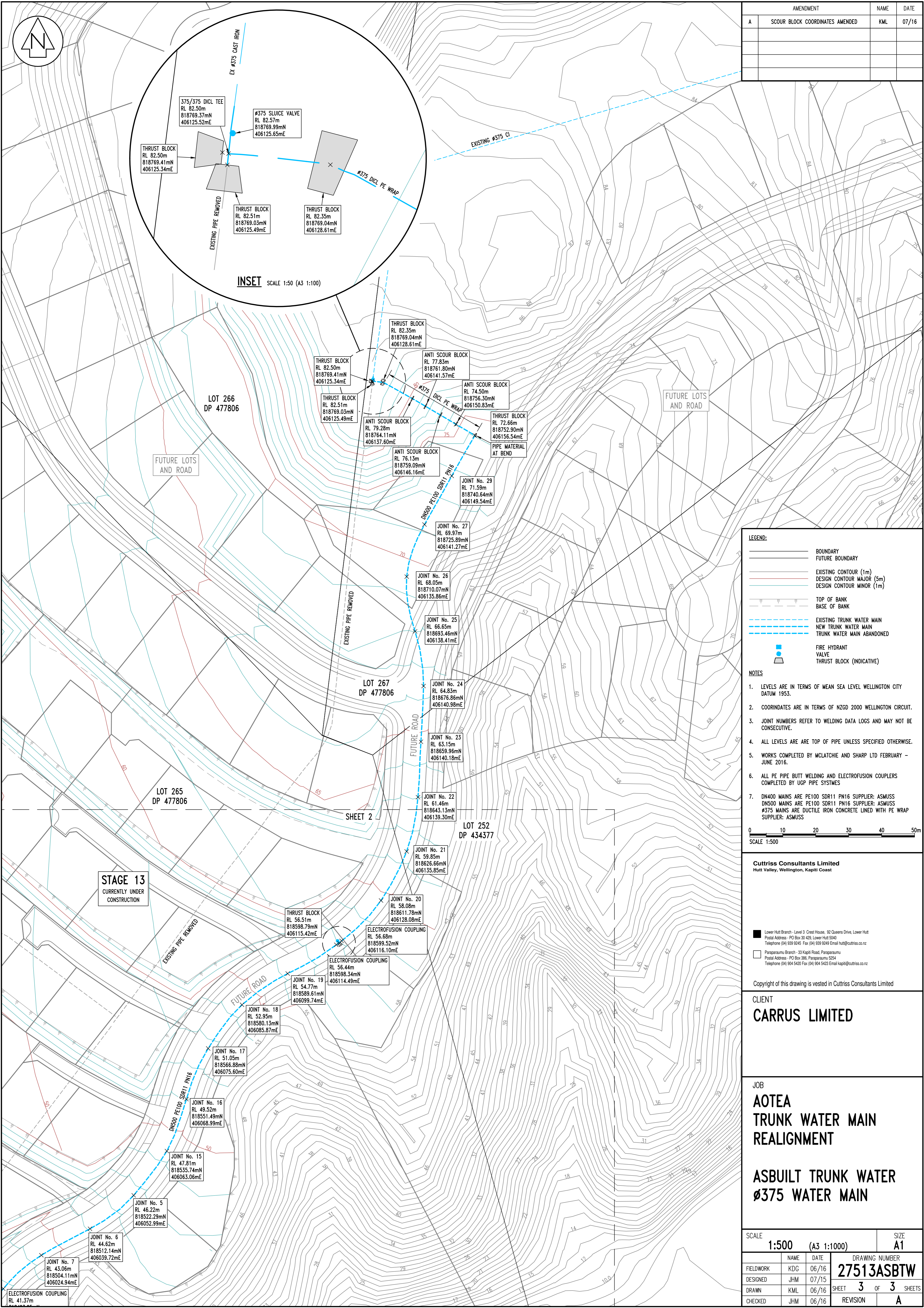
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**CARRUS LIMITED**

**JOB**  
**AOTEA TRUNK WATER MAIN REALIGNMENT**

**ASBUILT TRUNK WATER ø375 WATER MAIN**

SCALE		SIZE	
1:500 (A3 1:1000)		A1	
NAME	DATE	DRAWING NUMBER	
KDG	06/16	27513ASBTW	
DESIGNED	JHM	07/15	SHEET 2 OF 3 SHEETS
DRAWN	KML	06/16	
CHECKED	JHM	06/16	REVISION
		A	



AMENDMENT		NAME	DATE
A	SCOUR BLOCK COORDINATES AMENDED	KML	07/16

**LEGEND:**

- BOUNDARY
- FUTURE BOUNDARY
- EXISTING CONTOUR (1m)
- DESIGN CONTOUR MAJOR (5m)
- DESIGN CONTOUR MINOR (1m)
- TOP OF BANK
- BASE OF BANK
- EXISTING TRUNK WATER MAIN
- NEW TRUNK WATER MAIN
- TRUNK WATER MAIN ABANDONED
- FIRE HYDRANT
- VALVE
- THRUST BLOCK (INDICATIVE)

**NOTES**

- LEVELS ARE IN TERMS OF MEAN SEA LEVEL WELLINGTON CITY DATUM 1953.
- COORDINATES ARE IN TERMS OF NZGD 2000 WELLINGTON CIRCUIT.
- JOINT NUMBERS REFER TO WELDING DATA LOGS AND MAY NOT BE CONSECUTIVE.
- ALL LEVELS ARE ARE TOP OF PIPE UNLESS SPECIFIED OTHERWISE.
- WORKS COMPLETED BY MCLATCHIE AND SHARP LTD FEBRUARY – JUNE 2016.
- ALL PE PIPE BUTT WELDING AND ELECTROFUSION COUPLERS COMPLETED BY UGP PIPE SYSTEMS
- DN400 MAINS ARE PE100 SDR11 PN16 SUPPLIER: ASMUSSE  
DN500 MAINS ARE PE100 SDR11 PN16 SUPPLIER: ASMUSSE  
#375 MAINS ARE DUCTILE IRON CONCRETE LINED WITH PE WRAP SUPPLIER: ASMUSSE

0 10 20 30 40 50m  
SCALE 1:500

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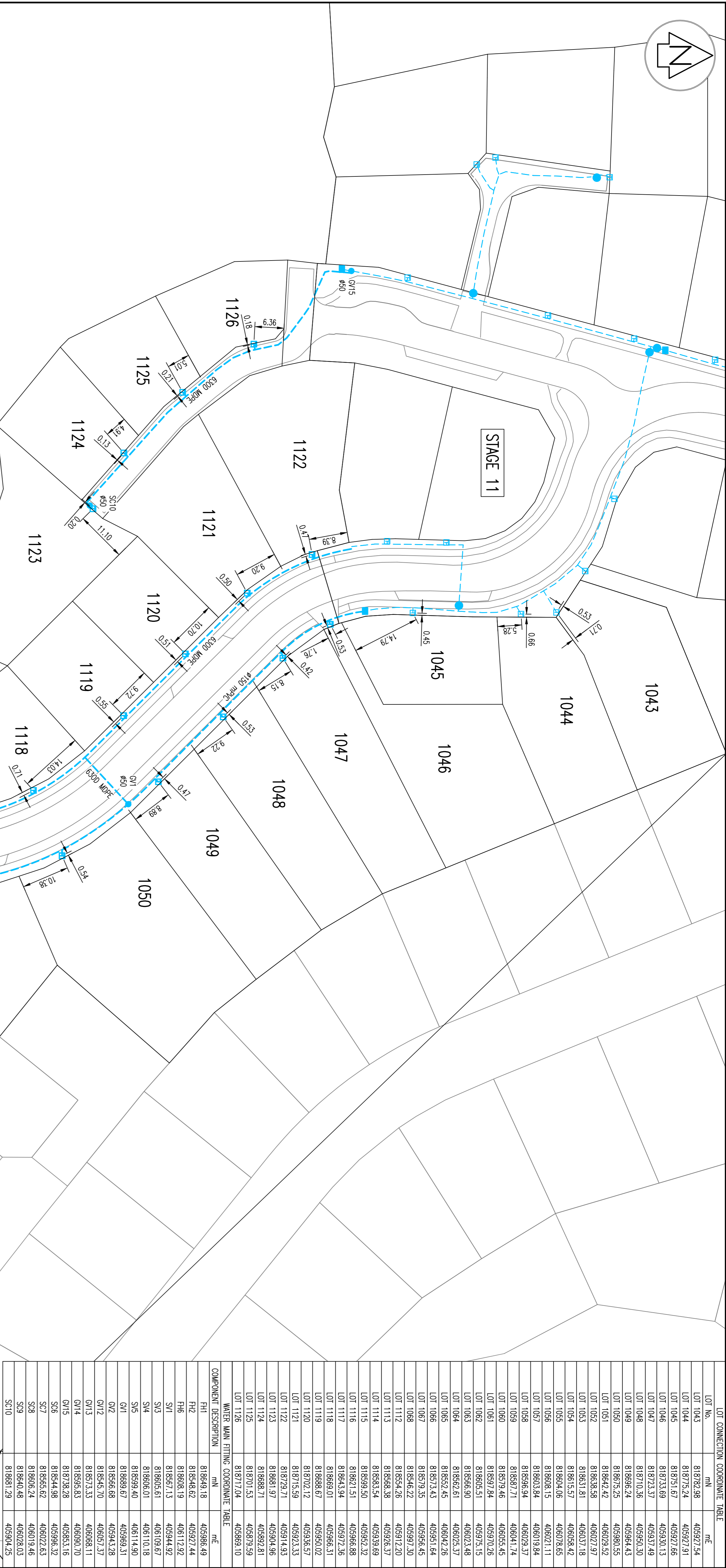
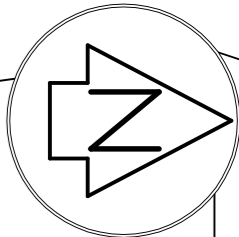
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**CLIENT**  
**CARRUS LIMITED**

**JOB**  
**AOTEA TRUNK WATER MAIN REALIGNMENT**

**ASBUILT TRUNK WATER MAIN**  
**#375 WATER MAIN**

SCALE		SIZE	
1:500 (A3 1:1000)		A1	
FIELDWORK	KDG	DATE	06/16
DESIGNED	JHM	DATE	07/15
DRAWN	KML	DATE	06/16
CHECKED	JHM	DATE	06/16
DRAWING NUMBER		27513ASBTW	
SHEET		3 OF 3 SHEETS	
REVISION		A	



LOT CONNECTION COORDINATE TABLE			
LOT No.	mn	mE	
LOT 1043	818792.98	405927.54	
LOT 1044	818775.24	405927.91	
LOT 1045	818751.67	405927.66	
LOT 1046	818733.99	405930.13	
LOT 1047	818723.37	405937.49	
LOT 1048	818710.36	405950.30	
LOT 1049	818696.24	405964.43	
LOT 1050	818675.25	405980.55	
LOT 1051	818642.42	406029.52	
LOT 1052	818638.58	406027.97	
LOT 1053	818631.81	406037.18	
LOT 1054	818615.57	406058.42	
LOT 1055	818604.06	406078.65	
LOT 1056	818608.15	406027.11	
LOT 1057	818603.84	406079.84	
LOT 1058	818595.94	406029.37	
LOT 1059	818597.71	406041.74	
LOT 1060	818579.46	406055.45	
LOT 1061	818597.84	405970.26	
LOT 1062	818605.51	405975.15	
LOT 1063	818565.90	406023.48	
LOT 1064	818562.61	406025.37	
LOT 1065	818552.45	406042.76	
LOT 1066	818573.43	405951.64	
LOT 1067	818579.35	405956.45	
LOT 1068	818546.22	405997.30	
LOT 1112	818554.26	405912.20	
LOT 1113	818658.38	405926.37	
LOT 1114	818583.54	405939.69	
LOT 1115	818559.50	405952.32	
LOT 1116	818621.51	405964.88	
LOT 1117	818643.94	405972.36	
LOT 1118	818699.01	405966.31	
LOT 1119	818686.67	405950.02	
LOT 1120	818702.12	405936.57	
LOT 1121	818715.59	405923.33	
LOT 1122	818729.71	405914.93	
LOT 1123	818681.97	405904.96	
LOT 1124	818698.71	405892.81	
LOT 1125	818701.53	405879.58	
LOT 1126	818717.04	405885.10	
WATER MAIN FITTING COORDINATE TABLE			
COMPONENT DESCRIPTION	mn	mE	
FH1	818649.18	405996.49	
FH2	818548.62	405927.44	
FH6	818608.19	406112.92	
SV1	818597.13	405944.92	
SV3	818605.61	406109.67	
SV4	818606.01	406110.18	
SV5	818599.40	406114.90	
SV6	818599.67	405969.31	
SV2	818565.68	405945.28	
GV2	818545.70	406057.37	
GV3	818573.33	406068.11	
GV4	818595.63	406090.70	
GV15	818738.28	405853.16	
SV6	818544.98	405966.32	
SV7	818555.62	406022.63	
SV8	818605.24	406075.46	
SV9	818640.48	406028.03	
SV10	818681.29	405904.25	

LEGEND:

- BOUNDARY
- FUTURE BOUNDARY
- EXISTING WATER
- NEW WATER
- NEW FIRE HYDRANT
- EXISTING FIRE HYDRANT
- NEW SILENCER VALVE
- EXISTING SILENCER VALVE
- SCOUR VALVE
- ACROD MAINFOLD

NOTES:

- COORDINATES ARE IN TERMS OF NEW ZEALAND GEODETIC DATUM 2000, WELLINGTON CIRCUIT.
- ALL #150 AND #100 MAINS ARE m-PVC UNLESS SHOWN OTHERWISE.
- ALL RIGERS MAINS ARE 6300 MOPE PN12.
- ALL PRIVATE SERVICE CONNECTIONS ARE 2500 MOPE PN12 UNLESS SHOWN OTHERWISE.
- MINIMUM COVER ON PIPES ARE AS FOLLOWS:
  - MAINS #100 AND GREATER 750mm COVER.
  - RIGER MAINS 600mm COVER IN BERMS AND 750mm COVER IN TRAFFICKED AREAS.
- ALL RESIDENTIAL SERVICE TUBES ARE ACROD MAINFOLDS WITH DOUBLE CHECK VALVES.
- ALL HYDRANTS ARE TALL TYPE HYDRANTS.
- ALL #60 VALVES ARE TYPE AWK OR HAMLE EPOXY COATED IRON WITH A 20MPa RATING AND CONFORM TO AS2638:2011.
- ALL #100 OR GREATER VALVES HAVE FLANGED EPOXY COATED DUCTILE IRON WITH A 20MPa RATING AND CONFORM TO AS2638:2011.
- ALL #150, #100 AND #60 VALVES ARE CAST IRON COVERS PAINTED WHITE WITH A MINIMUM OPENING OF 200mm SQUARE. VALVES ARE MARKED WITH A 'V' ETCHED IN KERB.
- FIRE HYDRANTS HAVE YELLOW PAINTED COVERS WITH YELLOW PAINTED TRUNCATES AND BLUE CANS ETC ON ROAD AND YELLOW PAINTED STRIP ON KERB.



Cuttriss Consultants Limited  
Hutt Valley, Wellington, Capital Coast

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Surveyors, Engineers, Planners.

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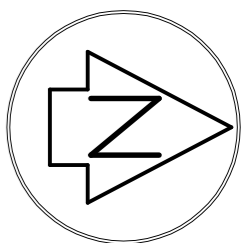
JOB

AOTEA  
SUBDIVISION CIVIL WORKS  
STAGE 13

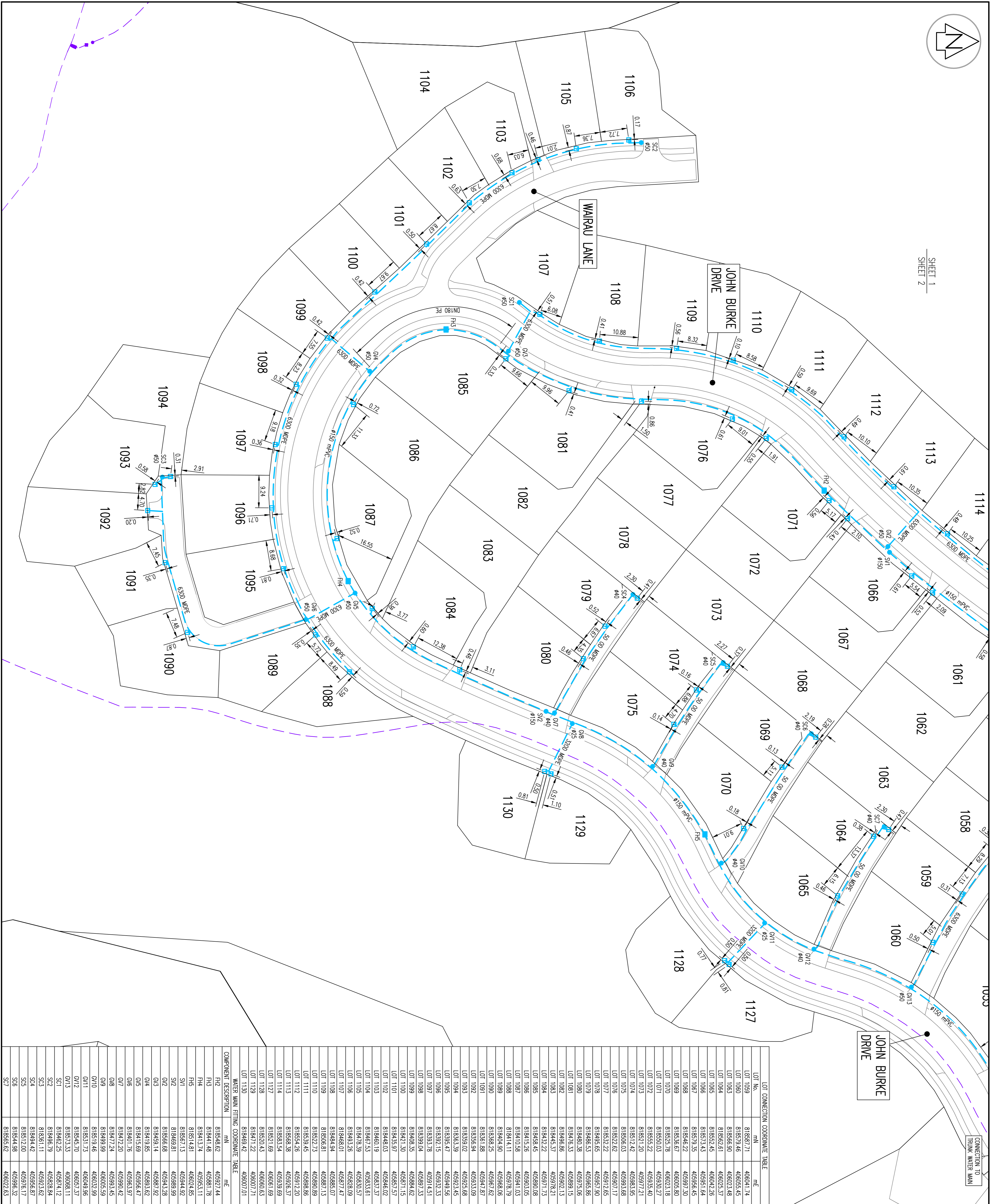
ASBUILT WATER  
(SHEET 1 OF 2)

SCALE		SIZE	
1:500 (A3 1:1000)		A1	
NAME	DATE	DRAWING NUMBER	
FIELDWORK	06/17	27513ASBW	
DESIGNED	RFH 03/16		
DRAWN	KML 06/17	SHEET 1 OF 2	SHEETS
CHECKED	RFH 07/17	REVISION	A

SHEET 1  
SHEET 2



SHEET 1  
SHEET 2



JOHN BURKE  
DRIVE

WAIRAU LANE

JOHN BURKE  
DRIVE

AMENDMENT	NAME	DATE
A	TORRES LOTS 1089,1097,1099,1102,1107,1110	KML 08/17

--	--	--	--	--	--

LEGEND:

- BOUNDARY
- FUTURE BOUNDARY
- EXISTING WATER
- NEW WATER
- FIRE HYDRANT
- SLUICE VALVE
- SC
- SCOUR VALVE
- ACROD MAINFOLD

NOTES:

- COORDINATES ARE IN TERMS OF NEW ZEALAND GEODETIC DATUM 2000, WELLINGTON CIRCUIT.
- ALL #150 AND #100 MAINS ARE m-PVC PN12 UNLESS SHOWN OTHERWISE.
- ALL RIDERS MAINS ARE 6300 MOPE PN12.
- ALL PRIVATE SERVICE CONNECTIONS ARE 2500 MOPE PN12 UNLESS SHOWN OTHERWISE.
- MINIMUM COVER ON PIPES ARE AS FOLLOWS:
  - MAINS #100 AND GREATER 750mm COVER.
  - RIDER MAINS 600mm COVER IN BERMS AND 750mm COVER IN TRAFFICED AREAS.
- ALL RECREATIONAL SERVICE TUBES ARE ACROD MAINFOLDS WITH DOUBLE CHECK VALVES.
- ALL HYDRANTS ARE TALL TYPE HYDRANTS.
- ALL #60 VALVES ARE TYPE AWK OR HAMLE EPOXY COATED DUCTILE IRON WITH A 20MPa RATING AND CONFORM TO AS2638:2011.
- ALL #100 OR GREATER VALVES HAVE FLANGED EPOXY COATED DUCTILE IRON WITH A 20MPa RATING AND CONFORM TO AS2638:2011.
- #150, #100 AND #60 VALVES ARE CAST IRON COVERS PAINTED WHITE WITH A MINIMUM OPENING OF 200mm SQUARE. VALVES ARE MARKED WITH A 'V' ETCHED IN KERB.
- FIRE HYDRANTS HAVE YELLOW PAINTED COVERS WITH YELLOW PAINTED TRUNCATES AND BLUE CANS ETC ON ROAD AND YELLOW PAINTED STRIP ON KERB.



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Hunt Valley, Wellington, Kapiti Coast

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CLIENT  
AOTEA GROUP LIMITED

JOB  
AOTEA  
SUBDIVISION CIVIL WORKS  
STAGE 13

ASBUILT WATER  
(SHEET 2 OF 2)

SCALE	NAME	DATE	DRAWING NUMBER	SIZE
1:500 (A3 1:1000)				A1

NAME	DATE	DRAWING NUMBER	SIZE
FIELDWORK	06/17	27513ASBW	
DESIGNED	RHH 03/16		
DRAWN	KML 06/17	SHEET 2 OF 2 SHEETS	
CHECKED	RHH 07/17	REVISION	A