

Water Reticulation Legend

Watermain (Ø)	125
Fire Hydrant	
Sluice Valve	
Peet Valve	
Blank Cap	
Proposed Water Meter Location	

See Diagram A

Diagram A
Scale 1:250

NOTES

- GENERAL**
- Levels are in terms of LINZ Datum 1946.
 - Coordinates are in terms of NZTM.

WATER RETICULATION

- Cover for water reticulation.
 - Mains under grass berms and footpaths 600mm
 - Mains under road carriageway 1.2m
- Watermain 125 OD - PE100 PN12.5 SDR11
- All riders 63 OD - PE100 PN12.5 SDR11
- Stainless Steel bolts and nuts used for flanged connections.
- Metallic Detector Tape provided above all watermains and riders.

R58884/C

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 The Levels (Z) are in terms of the Auckland 1946 (MSL) LINZ datum (DOSLI datum), and are within ±25mm.

Signed:
 Licensed Cadastral Surveyor
 Date: 11/12/14
 Name: Bradley Mowat
 Phone: 09 427 0072
 Email: catobolam@catobolam.co.nz

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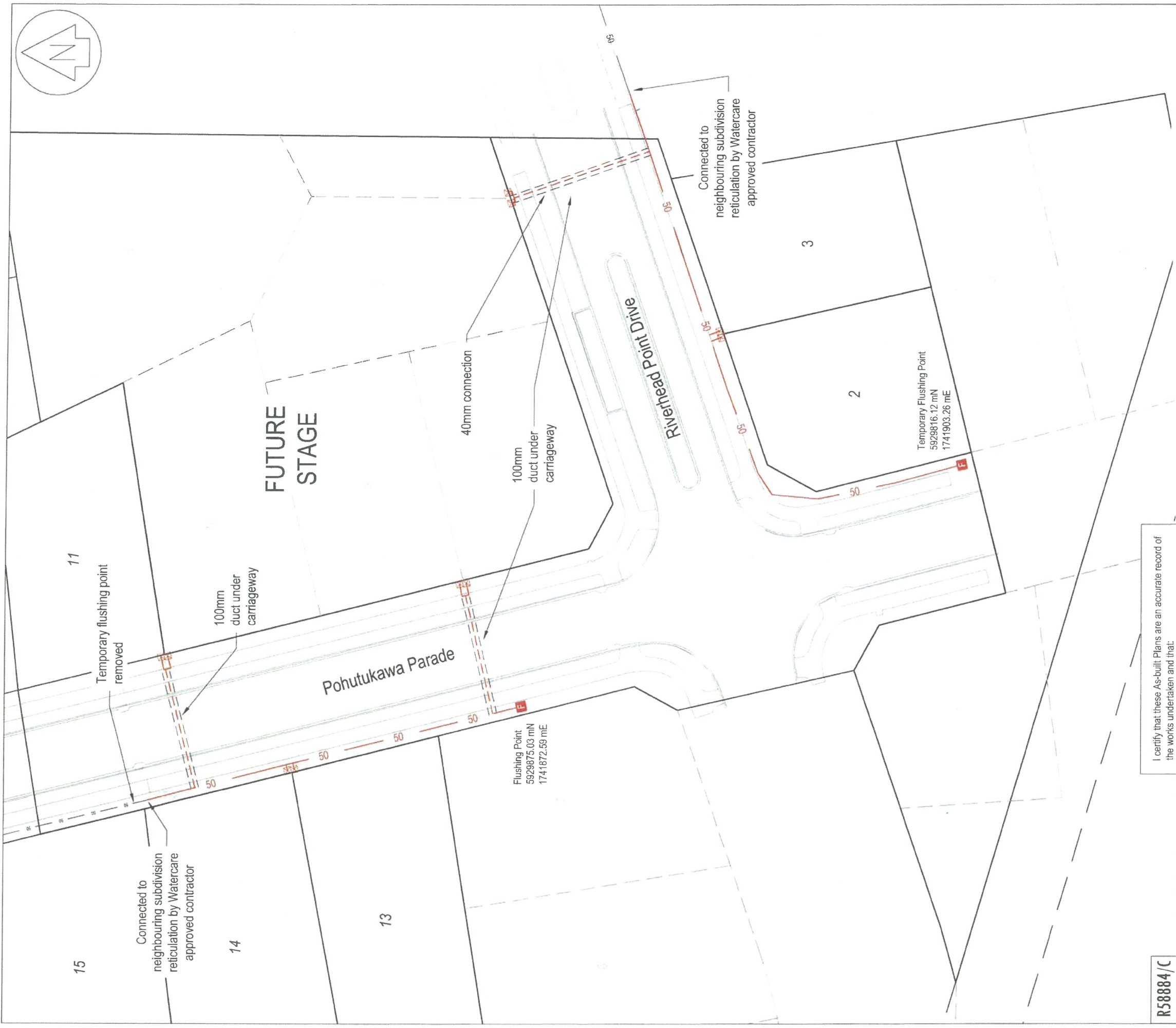
ORIGINAL SCALE	1:500	ORIGINAL SIZE	A3	REVISION NO	
DATE	8/09/14	CAD REFERENCE	32558 E600.dwg	SHEET NO	E600
DIRECTORY	J:\32558 Acad\			JOB NO	32558

CLIENT

Cabra Developments Ltd
 Kaipara Portage Road
 Riverhead

DRAWING TITLE

Stage J1A
 Water Reticulation As Built



R5884/C

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NOTES

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3. All infrastructure is public unless otherwise shown.
4. All pipes are PE100 PN16, unless otherwise shown

ORIGINAL SCALE	1:500	ORIGINAL SIZE	A3	REVISION NO	
DATE	8/09/14	CAD REFERENCE	32558.E001.dwg	SHEET NO	E601
DIRECTORY	J:\32558\locd			JOB NO	32558

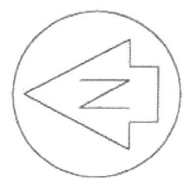
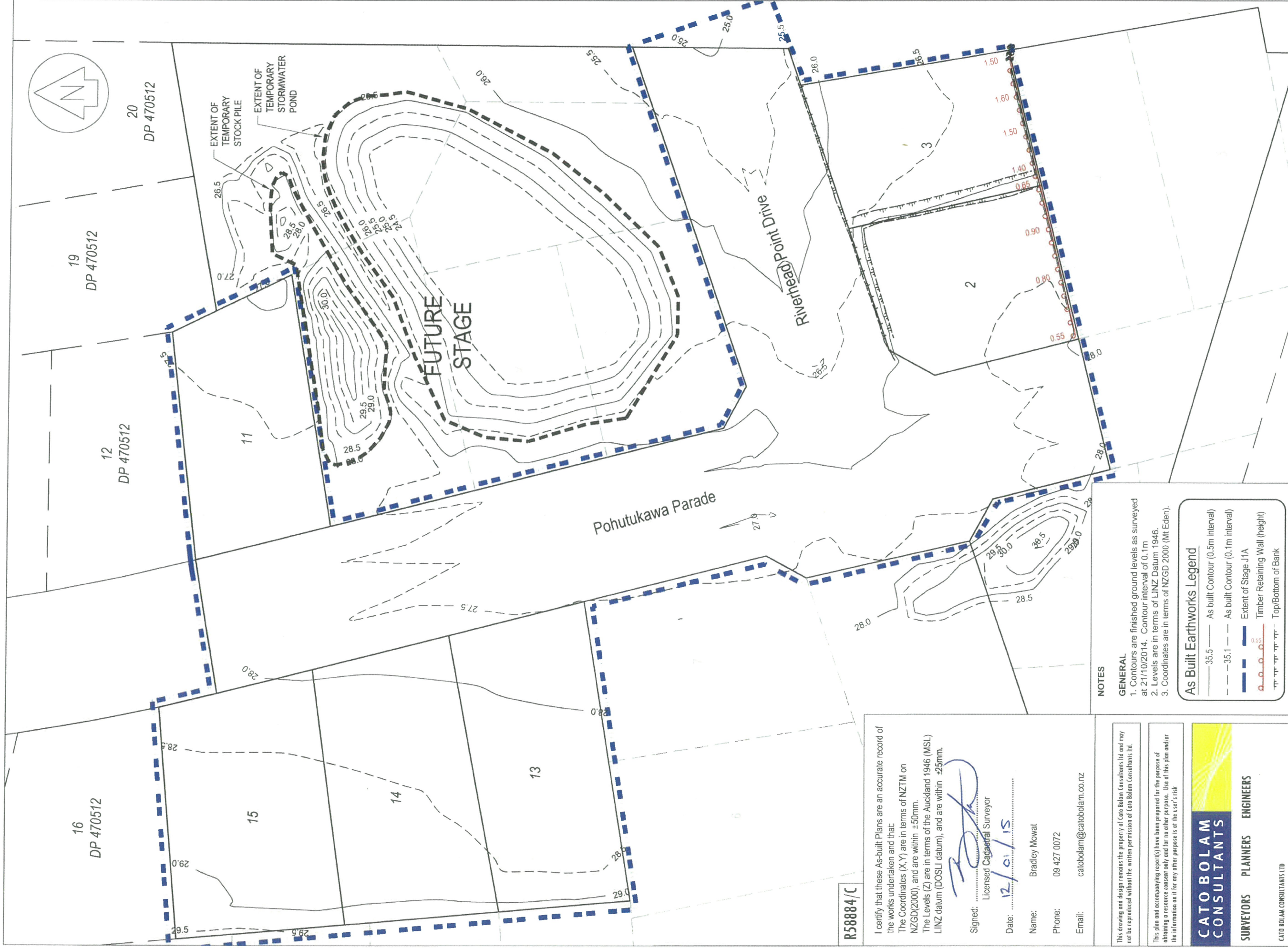
REVISION (DESCRIPTIONS)	NAME	DATE
SURVEYED		
DESIGNED	TL	12/12
DRAWN	BM	09/14
CHECKED		
APPROVED		

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Kaipara Portage Road
Riverhead

DRAWING TITLE

Stage J1A
PWC Sewer As Built



16
DP 470512

19
DP 470512

12
DP 470512

20
DP 470512

15

11

14

FUTURE
STAGE

13

2

3

Pohutukawa Parade

Riverhead Point Drive

R58884/C

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NOTES

- GENERAL**
- Contours are finished ground levels as surveyed at 21/10/2014. Contour interval of 0.1m
 - Levels are in terms of LINZ Datum 1946.
 - Coordinates are in terms of NZGD 2000 (Mt Eden).

As Built Earthworks Legend

- 35.5 — As built Contour (0.5m interval)
- - - 35.1 - - - As built Contour (0.1m interval)
- — — — — Extent of Slage J1A
- — — — — Timber Retaining Wall (height)
- — — — — Top/Bottom of Bank

R3	Plan updated col 11	BM	12/01/15
R2	Plan updated	BM	27/11/14
R1	0.1m Contours added	BM	17/11/14
REVISION (DESCRIPTIONS)			
	NAME	DATE	DATE
SURVEYED	BM	11-14	11-14
DESIGNED	TL	12-12	12-12
DRAWN	BM	11-14	11-14
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ORIGINAL SCALE	1:500	ORIGINAL SIZE	A3	REVISION NO	R3
DATE	17/11/14	CAD REFERENCE	32558 E602 Final Conts	SHEET NO	E602
DIRECTORY	Z:32558.ACAD			JOB NO	32558

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Kaipara Portage Road
Riverhead

DRAWING TITLE

Stages J1A
Final Contour Level
As Built Plan



Cut to Fill Legend

- 0 Contour
- Cut Contours & Area
- Fill Contours & Area
- Extent of undercut/silt pond
- Subsoil Drainage (D=Depth to Finished GI)
- Stormwater Pipe Network
- Timber Retaining Wall

NOTES

GENERAL

1. Cut/fill contours are from original ground levels, including gully undercut, to finished ground levels as surveyed at 21/10/2014. Contour interval of 0.5m.
2. Levels are in terms of LINZ Datum 1946.
3. Coordinates are in terms of NZTM.
4. Unless otherwise shown, subsoil drainage is 150mm diameter perforated hiway grade draincoil with SAP50 metal surround.

REVISION (DESCRIPTIONS)	NAME	DATE
R2 Amendment to Lot 11	BW	12/01/15
R1 Final Issue	BW	27/11/14

SURVEYED	DESIGNED	DRAWN	CHECKED	APPROVED
BJ	TL	TL	BM	
11-14	12-12	11-14	11-14	

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 Kaipara Portage Road
 Riverhead

DRAWING TITLE

Stages J1A
Cut and Fill Contour
As Built Plan

R58884/C

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Signed: *[Signature]*
 Licensed Cadastral Surveyor

Date: 12/01/15

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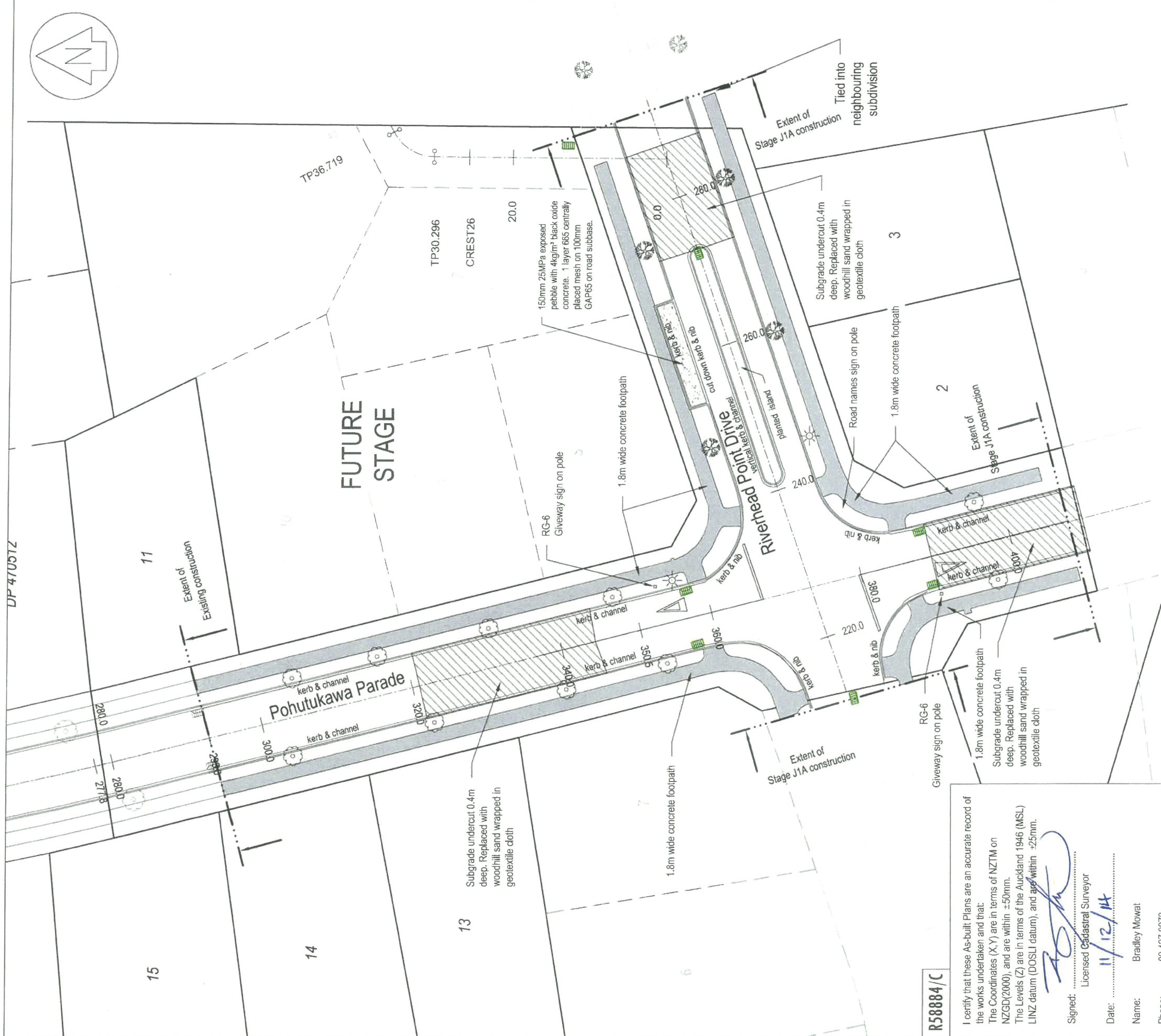
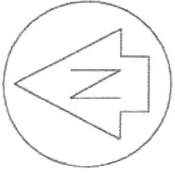
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ORIGINAL SCALE	1:500	ORIGINAL SIZE	A3	REVISION NO	R2
DATE	17/11/14	CAD REFERENCE	32558 E604 Cut Fill	SHEET NO	E604
DIRECTORY	Z:\32558\ACAD			JOB NO	32558



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ORIGINAL SCALE	1:500	ORIGINAL SIZE	A3	REVISION NO	
DATE	17/11/14	CAD REFERENCE	32558 E606 Roadding	SHEET NO	E606
DIRECTORY	Z:\32558\ACAD			JOB NO	32558

NOTES

- GENERAL**
- Levels are in terms of LINZ Datum 1946.
 - Coordinates are in terms of NZTM.
 - All infrastructure is public unless otherwise shown.
- Pavement Formation**
- Subgrade - Stabilised with 18kg/m² Lime and 12kg/m² Cement to a depth of 250mm.
 - Undercut areas refer to plan.
 - Subbase - 150mm GAP65
 - Basecourse - 100mm TNZ AP40
 - Seal - 30mm Mix 10 hotmix on grade 4 chipseal
- Footpaths - 125mm thick 20MPa concrete 1.8m wide

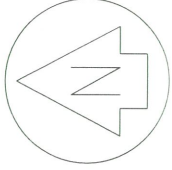
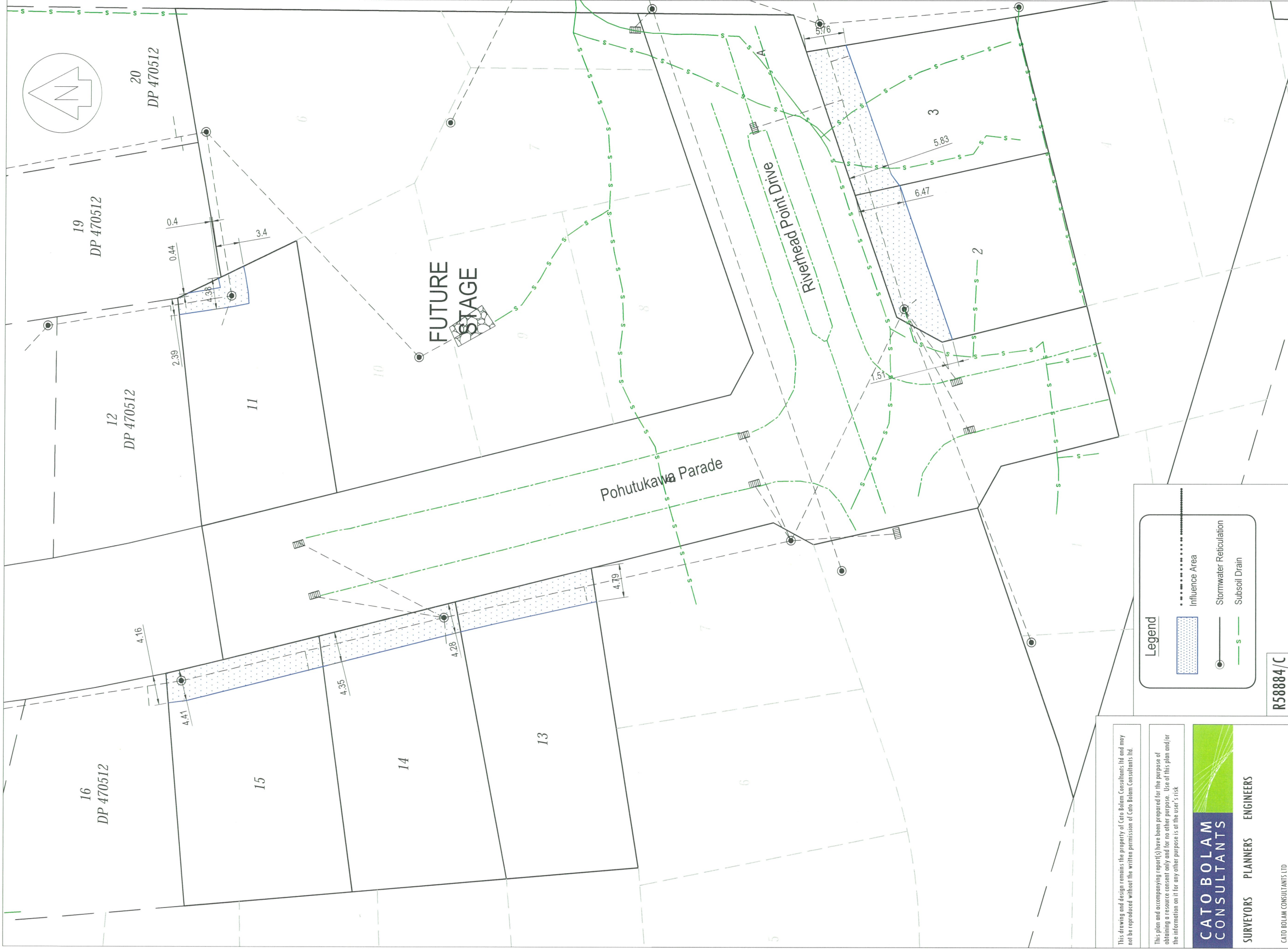
Road Legend

- Street Trees - Liquidambar
- Street Trees - Pohutukawa
- Street Light - 8m Spunlite poles with Amber (100W cosmo) light
- Cesspit

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DRAWING TITLE
Stages J1A
Road As Built Plan



Legend

- Influence Area
- Stormwater Reticulation
- Subsoil Drain

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DRAWING TITLE

Stages J1A
Stormwater Pipeline
Zone of Influence Plan