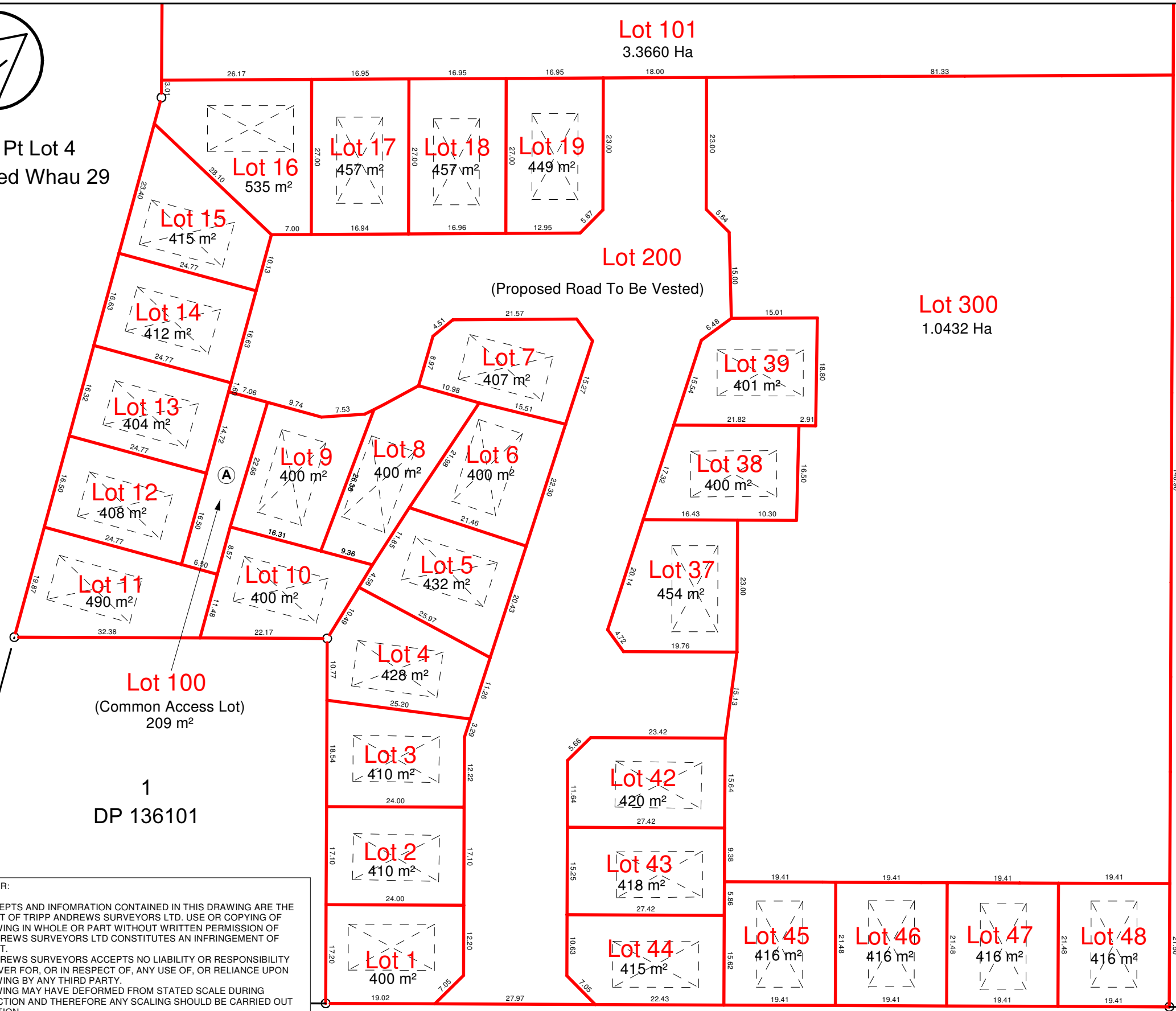


Pt Lot 4  
Deed Whau 29



# STAGE ONE



**SUB60237908 BUN60077077**  
Approved Resource Consent Plan

23/05/2019

NOTES:  
1. AREAS AND DIMENSIONS ARE SUBJECT TO THE FINAL LAND TRANSFER SURVEY.  
2. ALL BUILDING PLATFORMS ARE 15m x 8m  
3. SEE CRANG CIVIL PLANS FOR ALL ENGINEERING WORKS

Pt 9  
DP 24487

Pt 9  
DP 24487

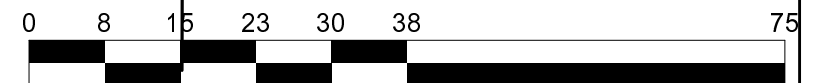
## Memorandum of Easements

Purpose	Shown	Servient Tenement	Dominant Tenement
Right to Convey Electricity, Water, Gas, Telecommunications & Computer Media	(A)	Lot 49 Hereon	Lots 9 - 13 Hereon

### AMALGAMATION CONDITION:

THAT LOT 100 HEREON (COMMON ACCESS) BE HELD AS TO ONE UNDIVIDED ONE FIFTH SHARE BY THE OWNERS OF EACH OF THE LOTS 9 - 13 HEREON AS TENANTS IN COMMON ON THE SAID SHARES AND THAT INDIVIDUAL COMPUTER FREEHOLD REGISTERS BE ISSUED IN ACCORDANCE HEREWITH.

SCALE 1:750 (A3)



## Constable Road

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info@TrippAndrews.co.nz

**LOTS 1 - 19, 37 - 39, 42 - 48, 100, 200 & 300 BEING  
A SUBDIVISION OF LOT 102  
(STAGE 1A) WAIUKU)**

CLIENT: Pokurua Holding Ltd

AREA: 6.1477 Ha

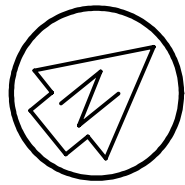
CFR: NA85A/37

SCALE 1:750 (A3)

SHEET 1 OF 1

DATE: 23/04/2019

**15183**



Pt Lot 4  
Deed Whau 29

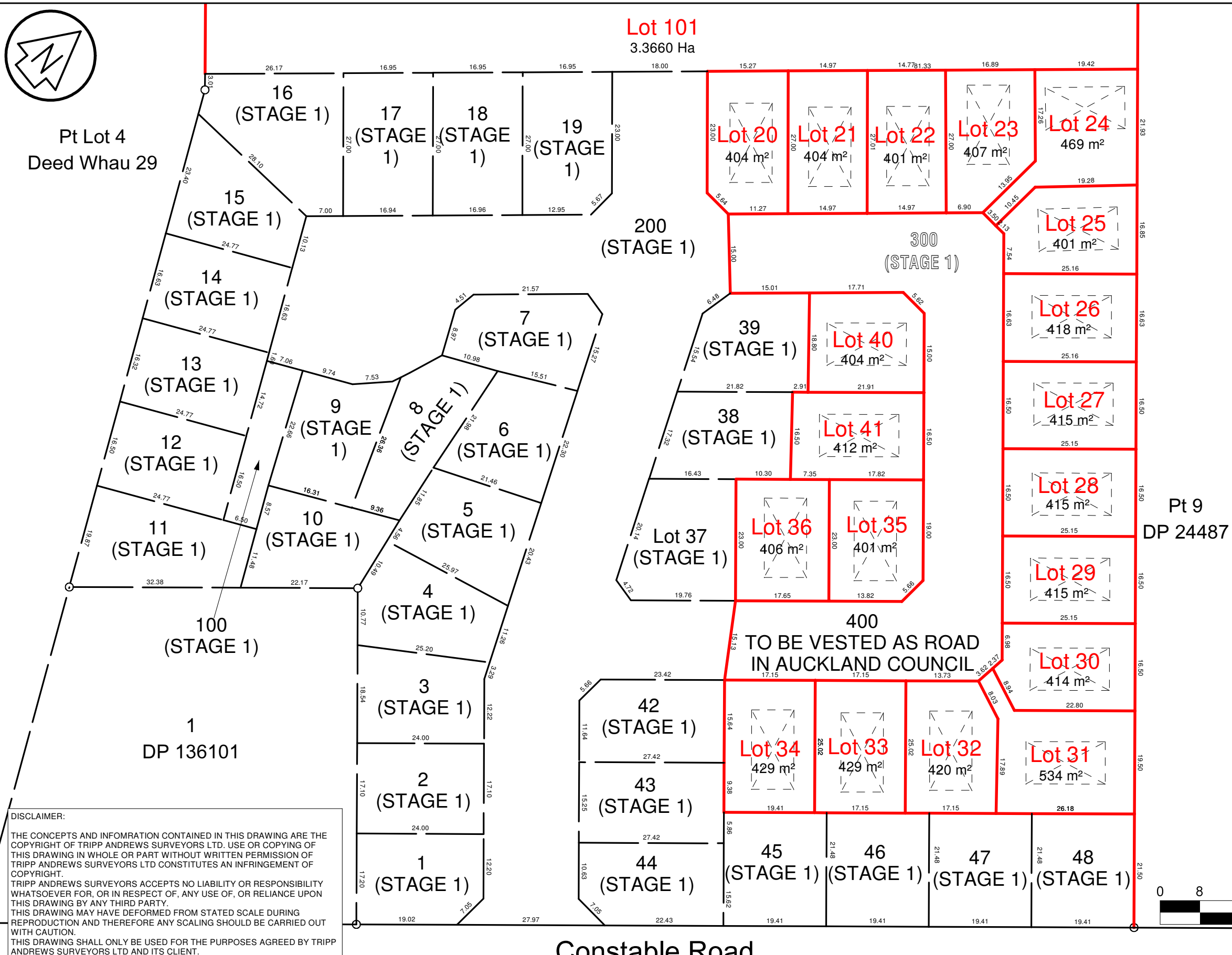
Lot 101  
3.3660 Ha

# STAGE TWO



**SUB60237908 BUN60077077**  
Approved Resource Consent Plan

23/05/2019



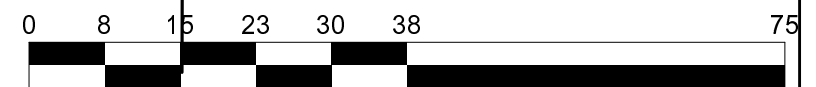
Pt 9  
DP 24487

Pt 9  
DP 24487

NOTES:  
 1. AREAS AND DIMENSIONS ARE SUBJECT TO THE FINAL LAND TRANSFER SURVEY.  
 2. ALL BUILDING PLATFORMS ARE 15m x 8m  
 3. SEE CRANG CIVIL PLANS FOR ALL ENGINEERING WORKS

AMALGAMATION CONDITION:  
 THAT LOT 100 HEREON (COMMON ACCESS) BE HELD AS TO ONE UNDIVIDED ONE FIFTH SHARE BY THE OWNERS OF EACH OF THE LOTS 9 - 13 HEREON AS TENANTS IN COMMON ON THE SAID SHARES AND THAT INDIVIDUAL COMPUTER FREEHOLD REGISTERS BE ISSUED IN ACCORDANCE HEREWITH.

SCALE 1:750 (A3)



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Constable Road

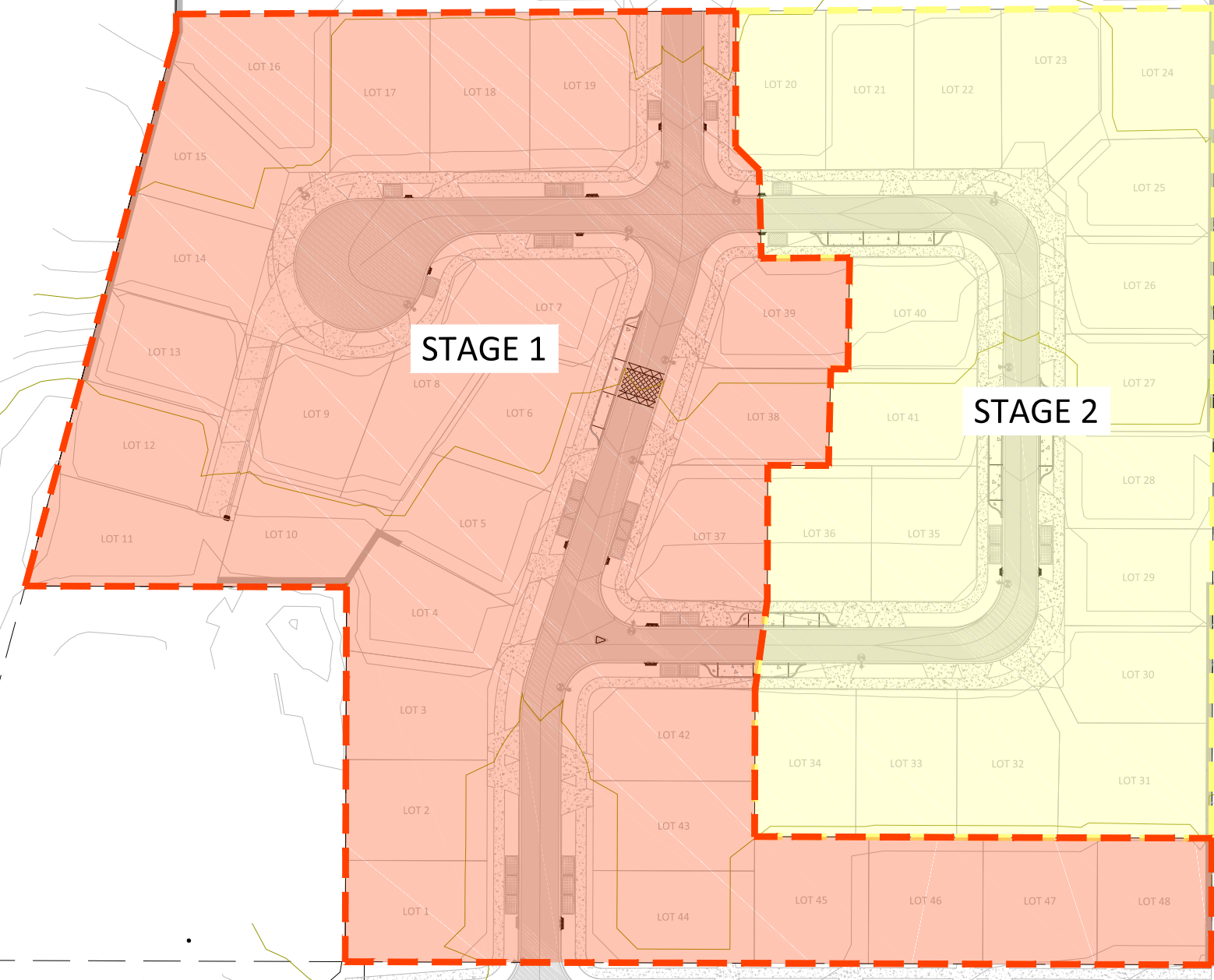
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**LOTS 20 - 36, 40, 41 & 400 BEING  
 A SUBDIVISION OF LOT 300 (STAGE 1)  
 (45 CONSTABLE ROAD, WAIUKU)**

CLIENT: Pokurua Holding Ltd  
 AREA: 6.1477 Ha  
 CFR: NA85A/37  
 SCALE 1:750 (A3)  
 SHEET 1 OF 1  
 DATE: 23/04/2019

**15183**





SAVED: P:\1231 - 45 Constable Road, Waiuku\Drawing\0\_STAGE 1\1\_C110 DEVELOPMENT LAYOUT PLAN.dwg - April 18, 2019. PRINTED: April 18, 2019

CONSTABLE ROAD

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**CLIENT**  
POKORUA HOLDINGS LTD

**PROJECT**  
45 CONSTABLE ROAD  
WAIUKU  
STAGE 1

**TITLE**  
DEVELOPMENT LAYOUT PLAN  
STAGE 1-2

DATE	APRIL 2019	SCALE
DRAWN	SH	A1 1:500
DESIGNED	SH	A3 1:1000
PROJECT No	1231	DRAWING No
		1_C110
		REVISION
		A



**SUB60237908 BUN60077077**  
Approved Resource Consent Plan

23/05/2019

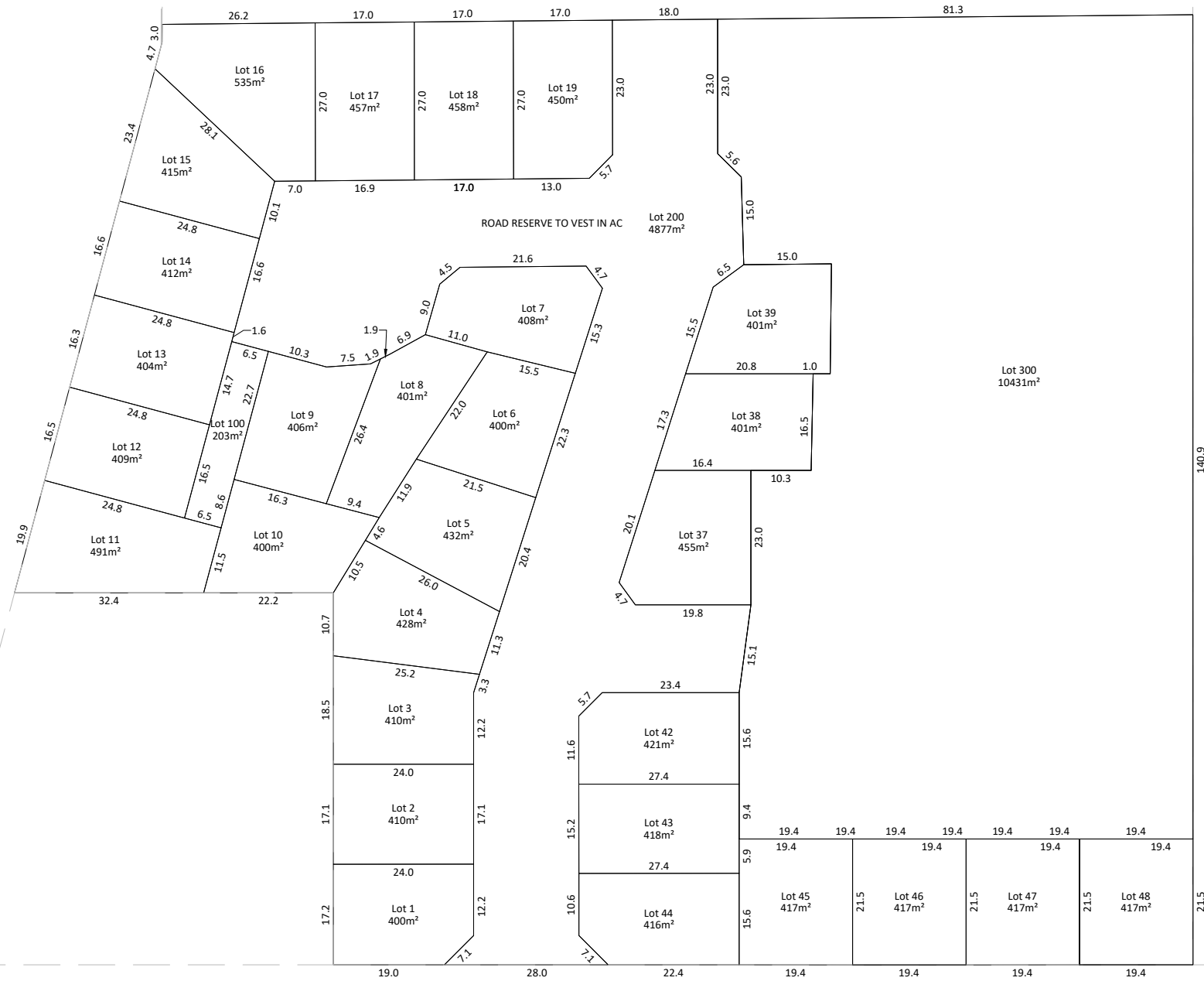


**LEGEND**

- PROPOSED LOT BOUNDARIES
- - - EXISTING LOT BOUNDARIES

**NOTES**

1. BEARING AND COORDINATE DATUM IS GEODETIC 2000. ORIGIN IS MT. EDEN



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**POKORUA HOLDINGS LTD**

**PROJECT**  
**45 CONSTABLE ROAD WAIUKU STAGE 1**

**TITLE**  
**SCHEME PLAN**

DATE	APRIL 2019	SCALE
DRAWN	SH	A1 1:500
DESIGNED	SH	A3 1:1000
PROJECT No	1231	DRAWING No
		1_C150
		REVISION
		A



SUB60237908 BUN60077077

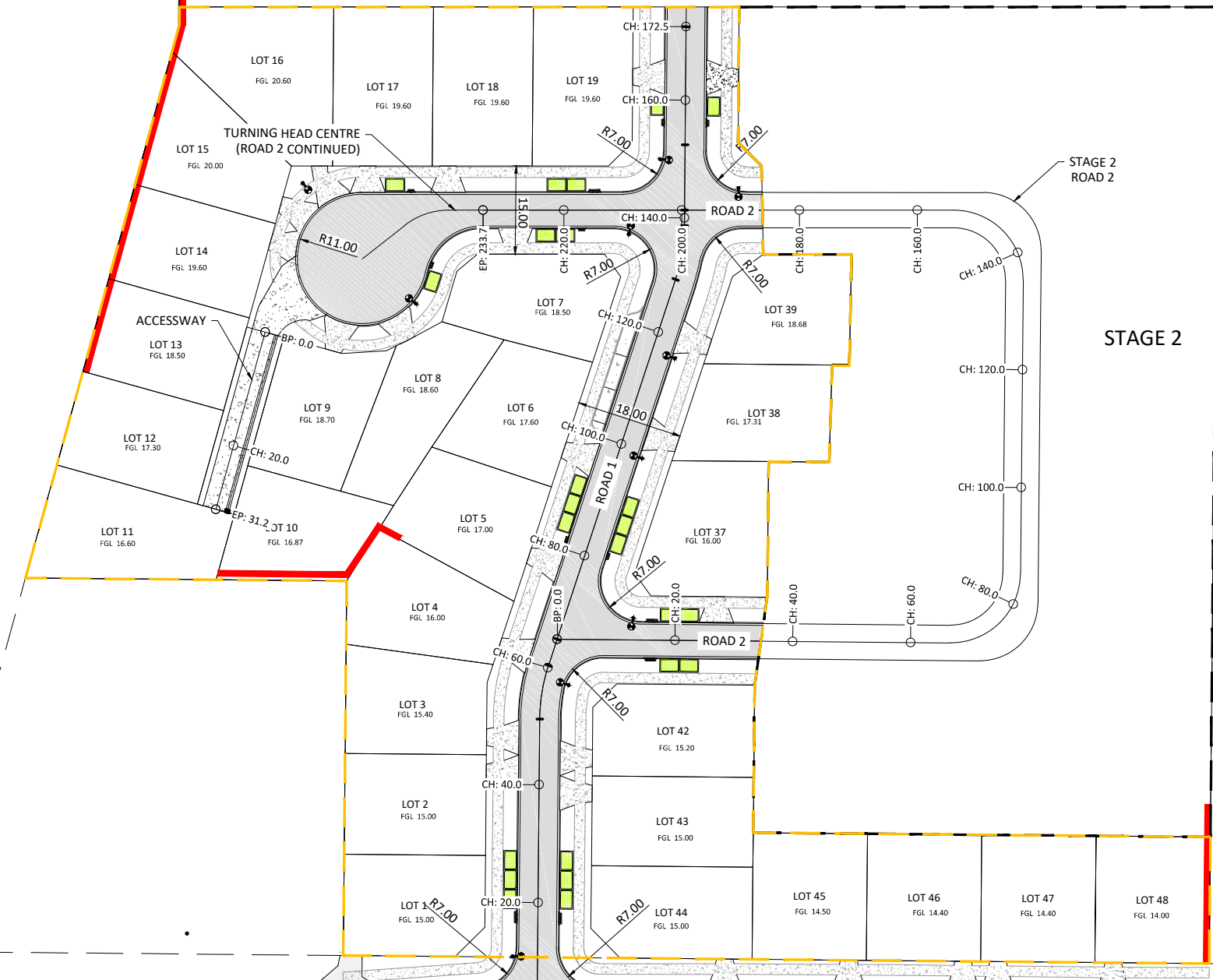
Approved Resource Consent Plan

23/05/2019



LEGEND

- PR LOT BOUNDARIES
- EX LOT BOUNDARIES
- RETAINING WALL
- PR CONCRETE FOOTPATH
- PR ASPHALT PAVEMENT
- PR RAIN GARDEN
- PR STREET LIGHT
- STAGE 1 BOUNDARY
- STAGE 2 BOUNDARY



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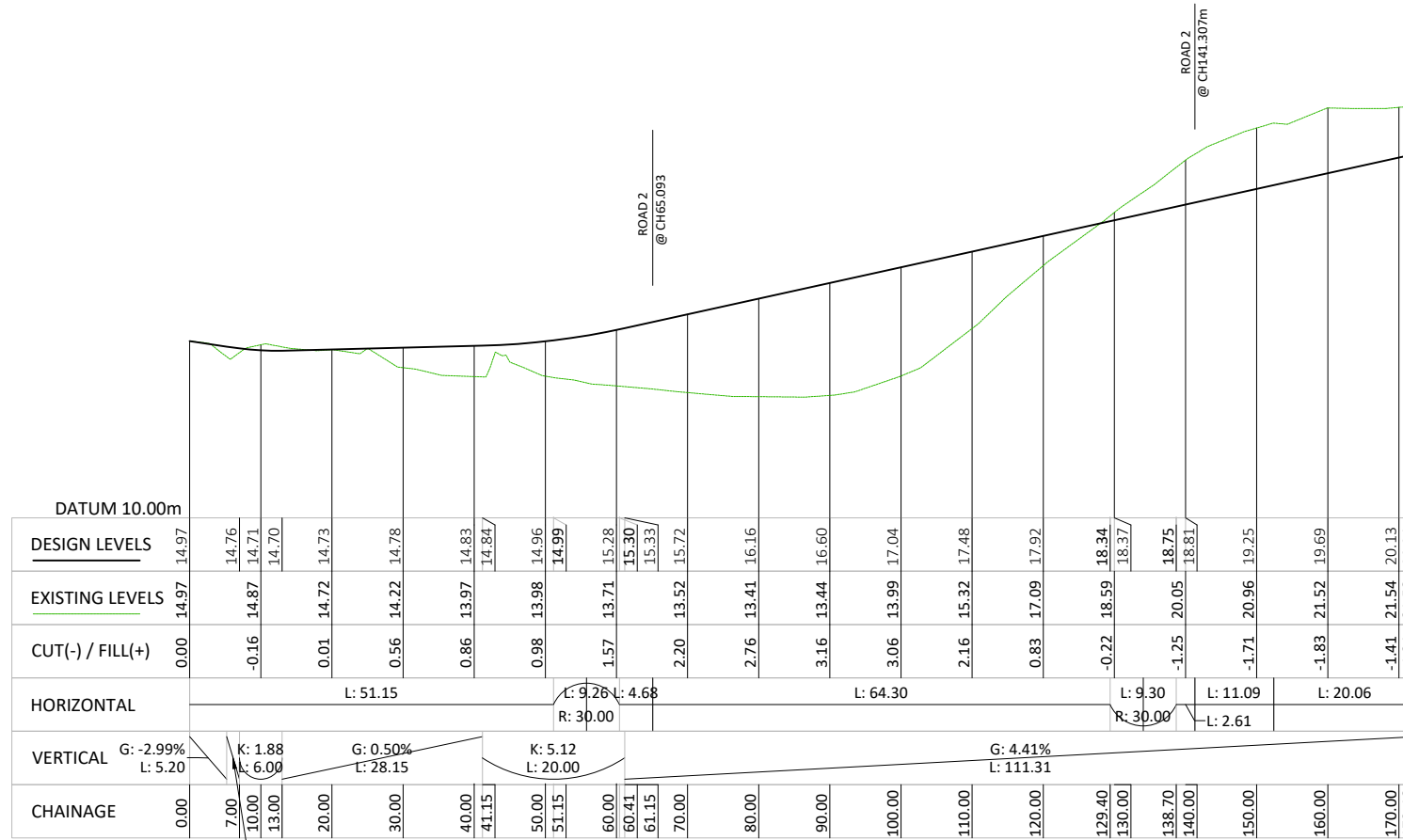
CLIENT  
**POKORUA HOLDINGS LTD**

PROJECT  
**45 CONSTABLE ROAD WAIUKU STAGE 1**

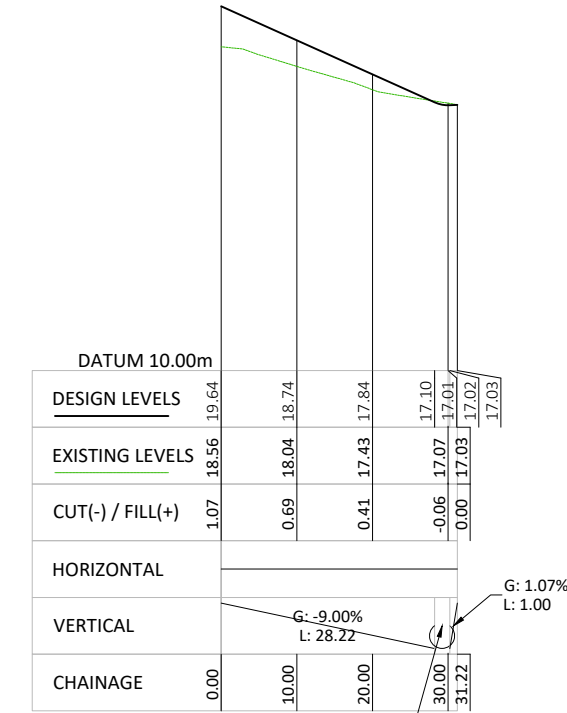
TITLE  
**ROADING PLAN**

DATE	APRIL 2019	SCALE	A1 1:500
DRAWN	SH	A3	1:1000
DESIGNED	SH	REVISION	A
PROJECT No	1231	DRAWING No	1_C300

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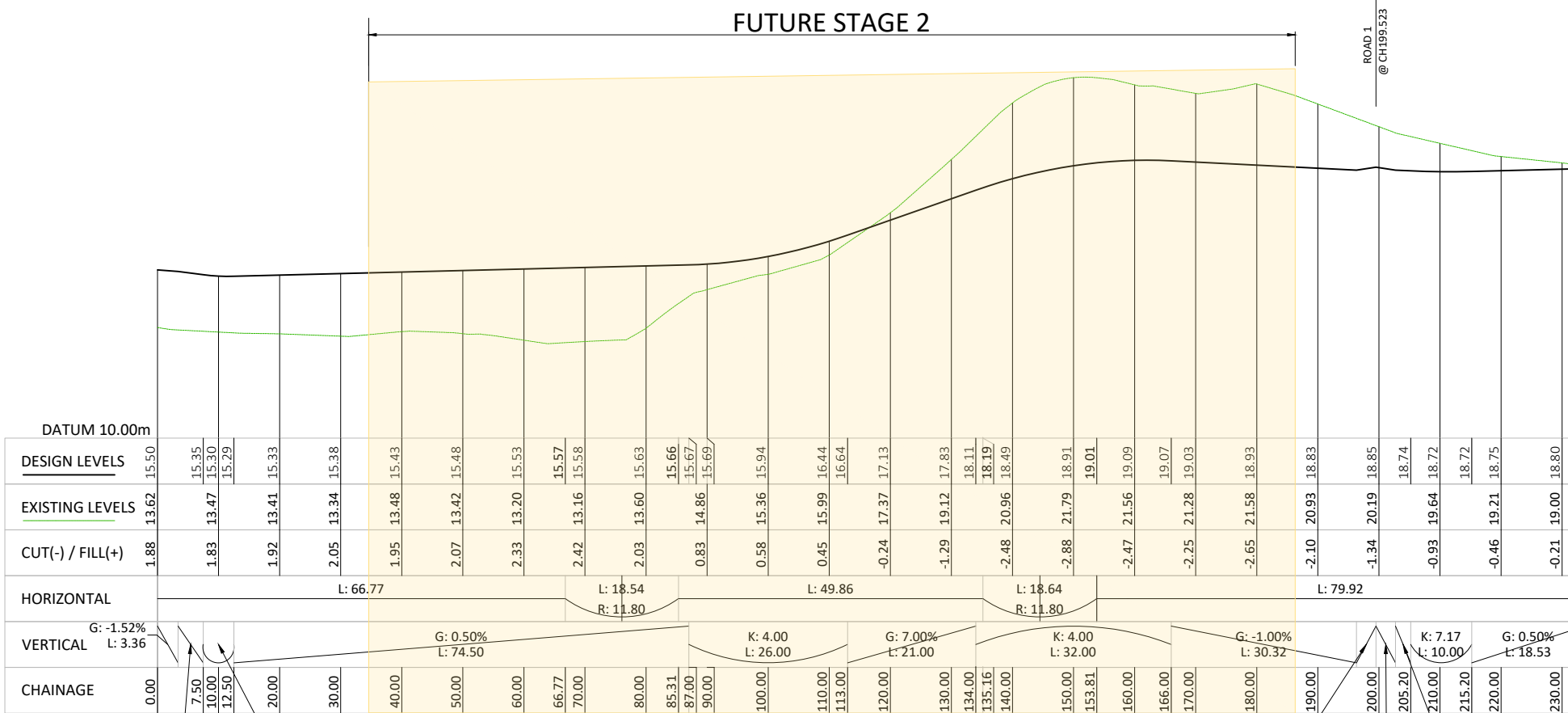


CL- ROAD 1  
SCALE 1H:5V

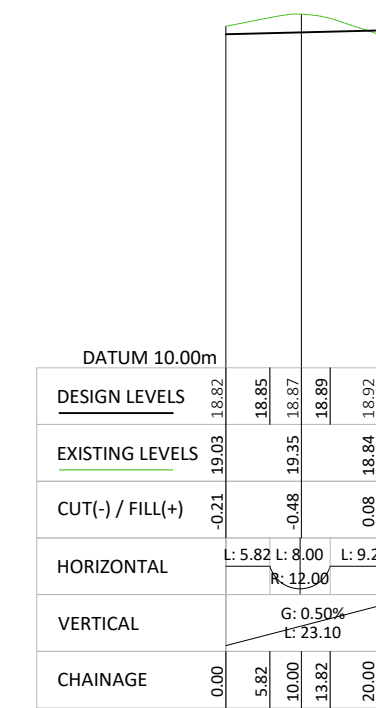


CL-ACCESSWAY\_1  
SCALE 1H:5V

CONSENT ISSUE



CL- ROAD 2  
SCALE 1H:5V



CL- TURNING HEAD CENTER  
SCALE 1H:5V (ROAD 2 CONTINUED)

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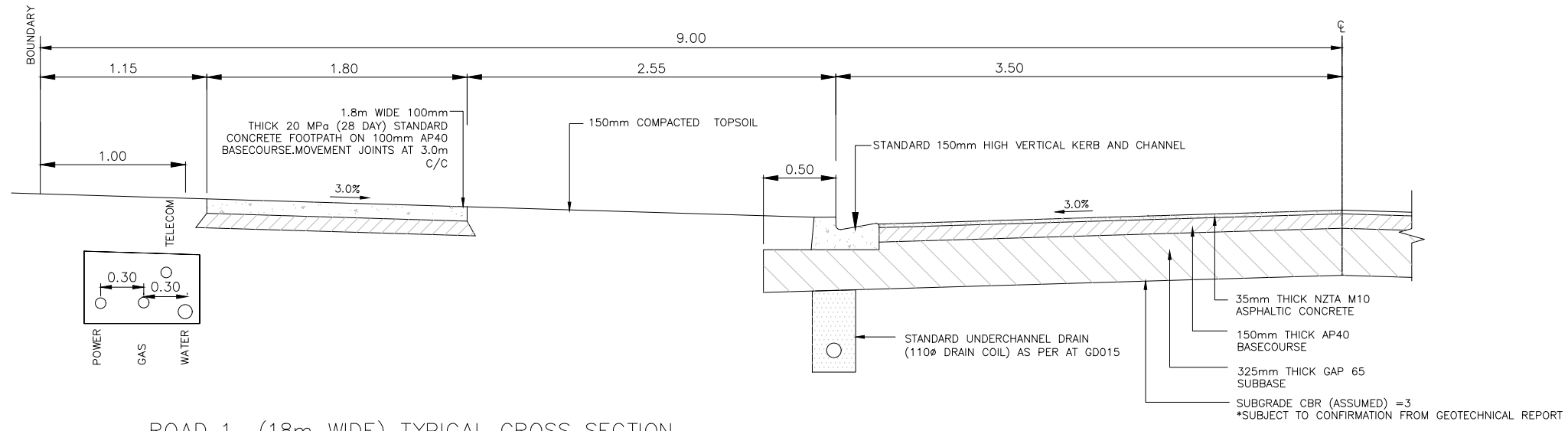
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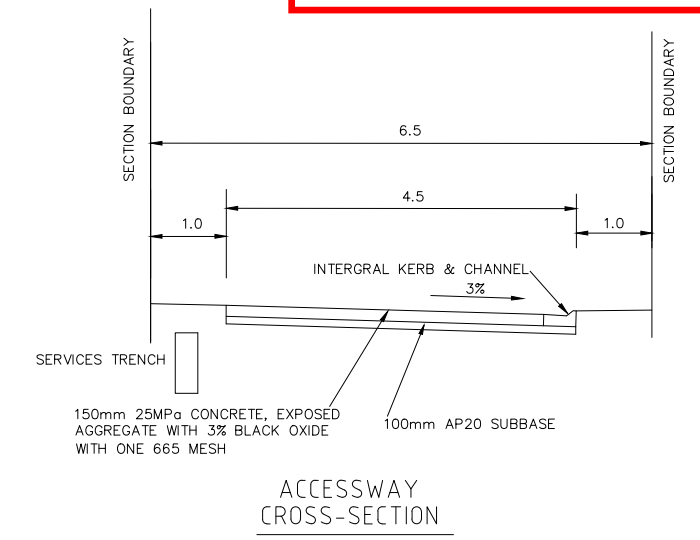
PROJECT  
**45 CONSTABLE ROAD WAIUKU STAGE 1**

TITLE  
**ROADING LONGSECTIONS**

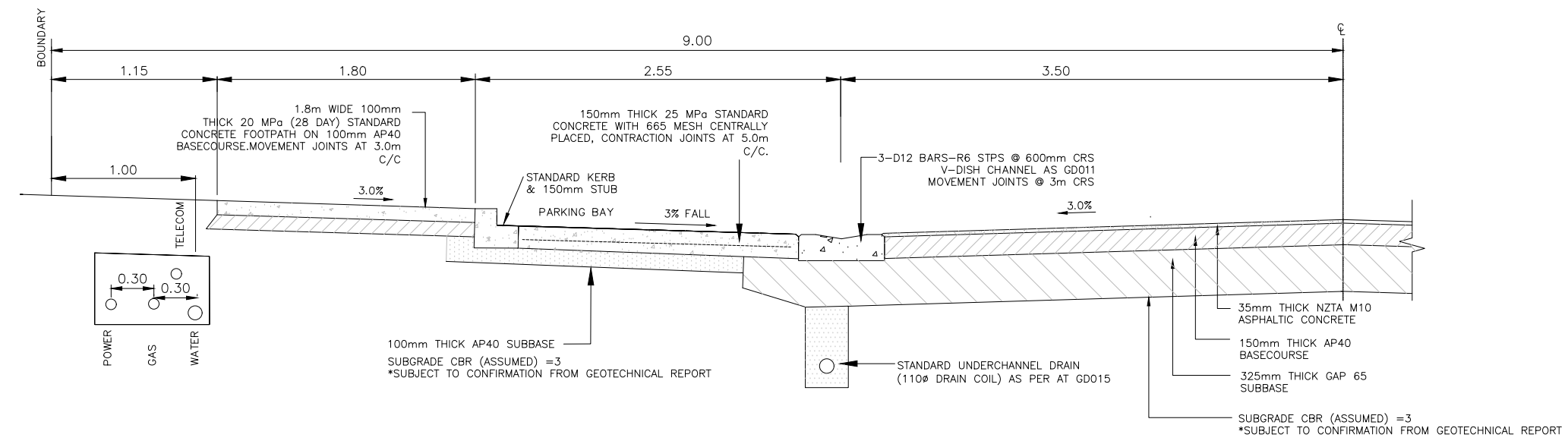
DATE	APRIL 2019	SCALE	A1 1:500
DRAWN	SH	A3	1:1000
DESIGNED	SH	REVISION	A
PROJECT No	1231	DRAWING No	1_C310



ROAD 1 (18m WIDE) TYPICAL CROSS SECTION



ACCESSWAY CROSS-SECTION



ROAD 1 (18m WIDE) WITH PARKING BAY TYPICAL CROSS SECTION

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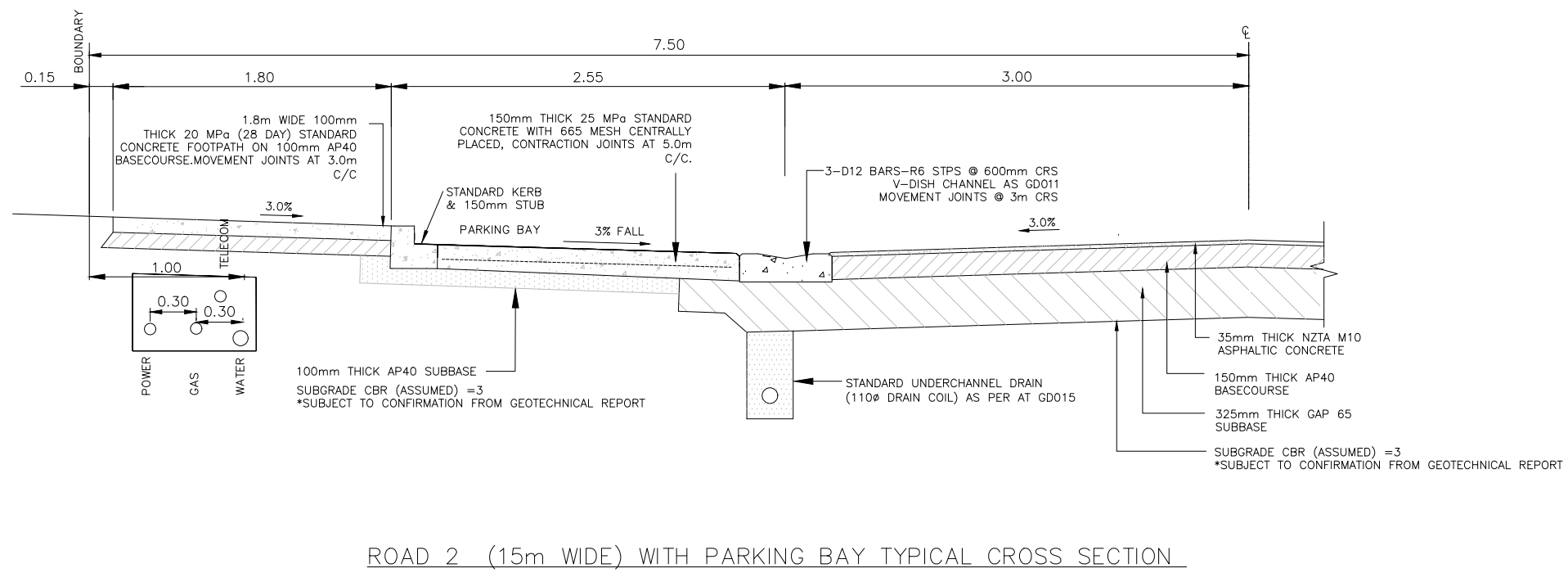
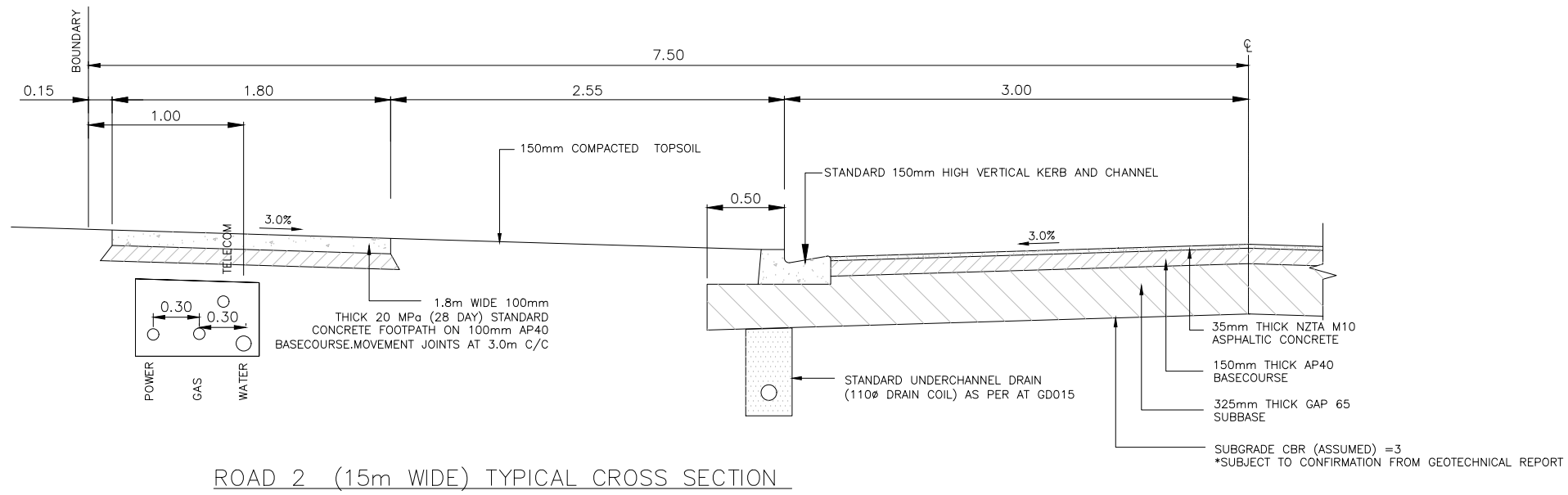
**CLIENT**  
 POKORUA HOLDINGS LTD

**PROJECT**  
 45 CONSTABLE ROAD WAIUKU STAGE 1

**TITLE**  
 ROAD 1 (18M WIDE) & ACCESSWAY TYPICAL CROSS SECTIONS

DATE	APRIL 2019	SCALE
DRAWN	SH	A1 1:20
DESIGNED	SH	A3 1:40
PROJECT No	1231	DRAWING No
		1_C320
		REVISION
		A





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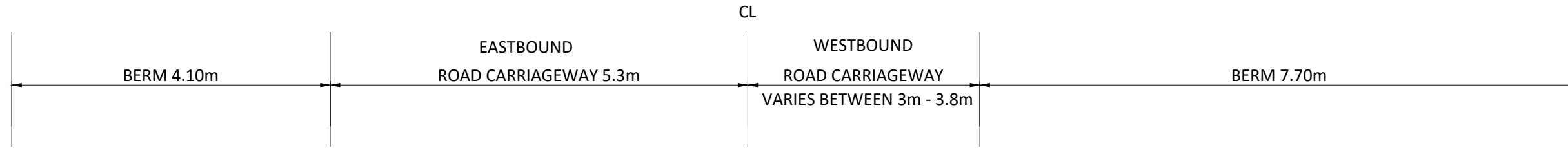
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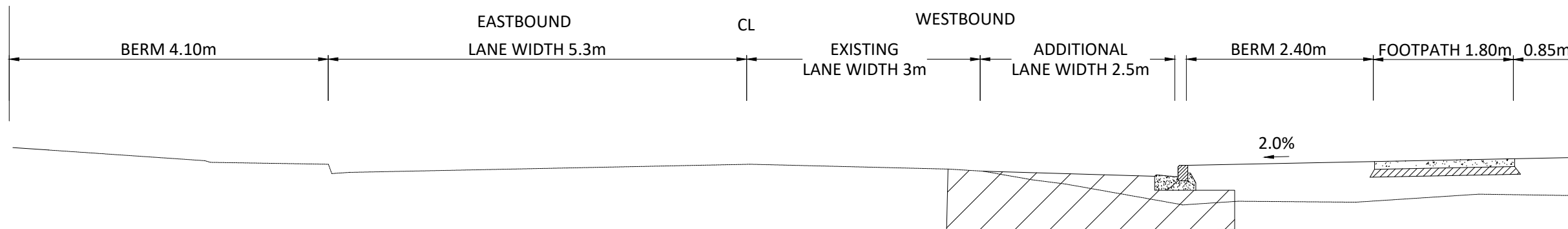
PROJECT  
**45 CONSTABLE ROAD WAIUKU STAGE 1**

TITLE  
**ROAD 2 (15M WIDE) TYPICAL CROSS SECTIONS**

DATE	APRIL 2019	SCALE
DRAWN	SH	A1 1:20
DESIGNED	SH	A3 1:40
PROJECT No	1231	DRAWING No
		1_C321
		REVISION
		A



**CONSTABLE ROAD  
 EXISTING CROSS SECTION**



**CONSTABLE ROAD  
 PROPOSED CROSS SECTION**

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**CLIENT**  
 POKORUA HOLDINGS LTD

**PROJECT**  
 45 CONSTABLE ROAD  
 WAIUKU  
 STAGE 1

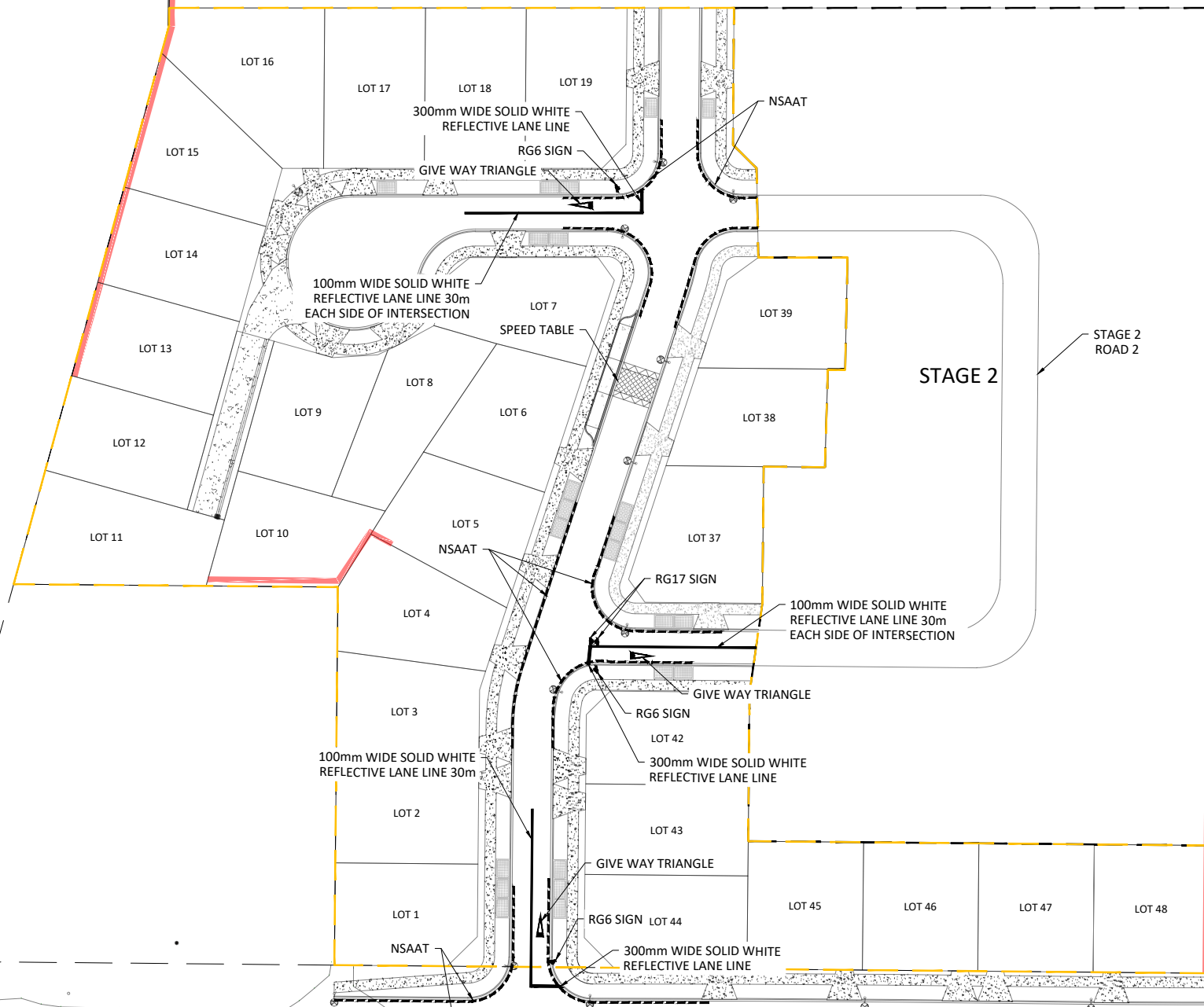
**TITLE**  
 CONSTABLE ROAD CROSS SECTIONS

DATE	APRIL 2019	SCALE
DRAWN	SH	A1 N.T.S
DESIGNED	SH	A3 N.T.S
PROJECT No	1231	DRAWING No
		1_C322
		REVISION
		A



**LEGEND**

- PR LOT BOUNDARIES
- EX LOT BOUNDARIES
- STAGE 1 BOUNDARY
- STAGE 2 BOUNDARY



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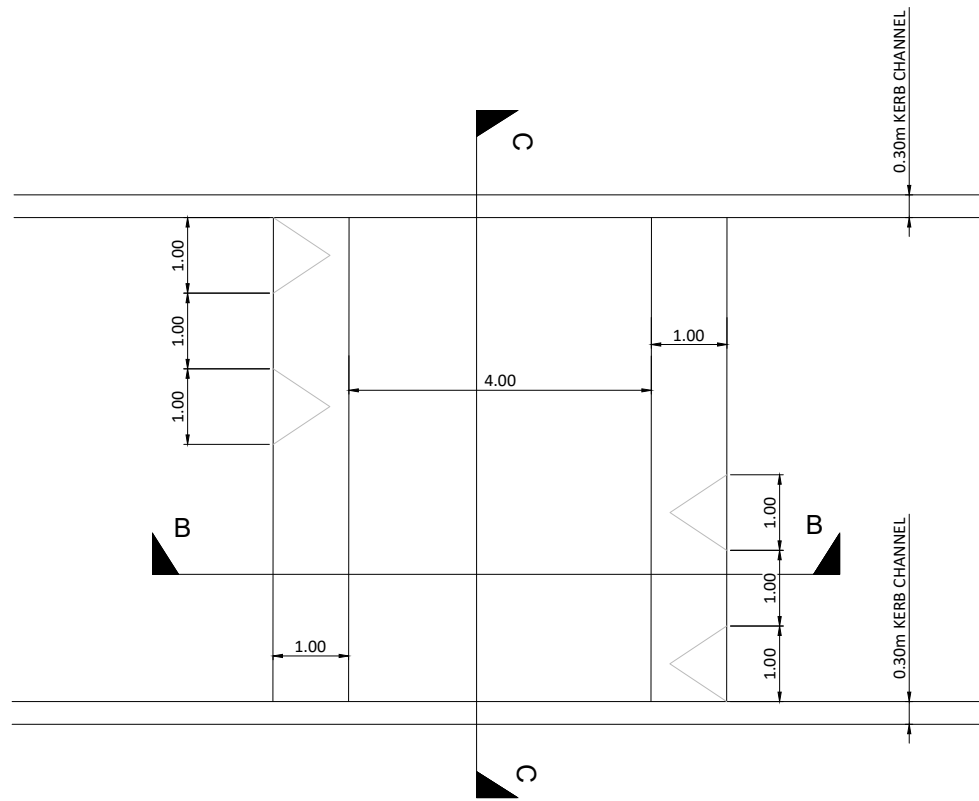
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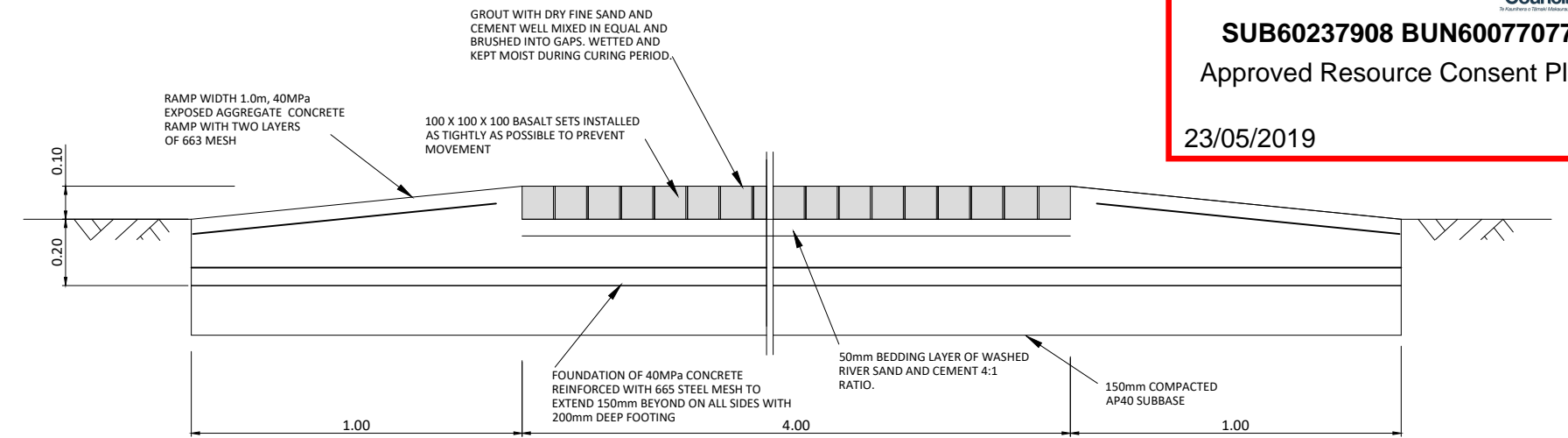
**PROJECT**  
 45 CONSTABLE ROAD  
 WAIUKU  
 STAGE 1

**TITLE**  
 ROAD MARKING PLAN

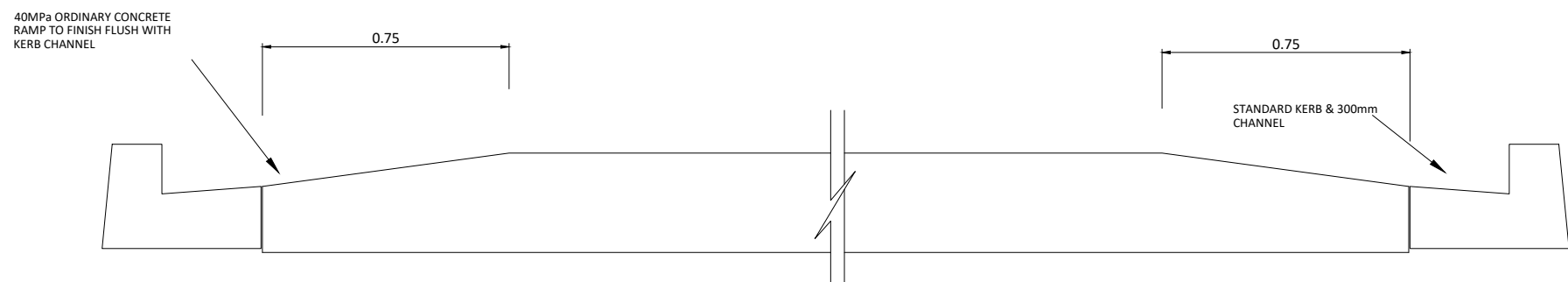
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DESIGNED	SH	REVISION	A
PROJECT No	1231	DRAWING No	1_C330



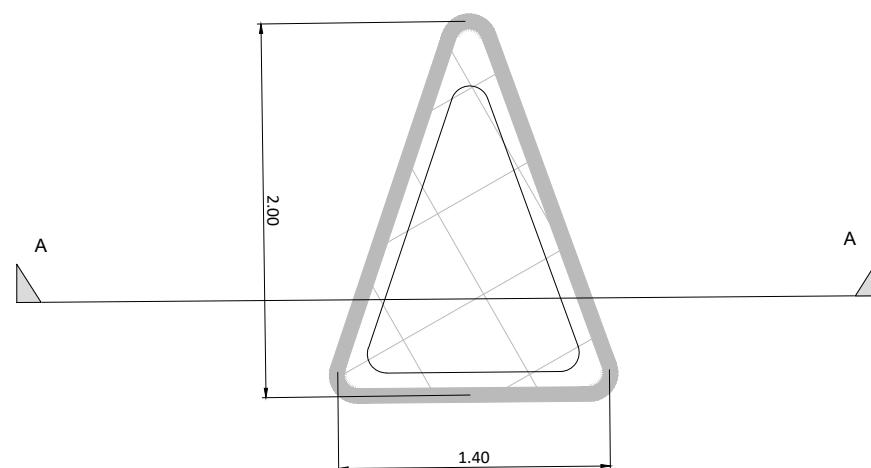
TYPICAL SPEED HUMP PLAN



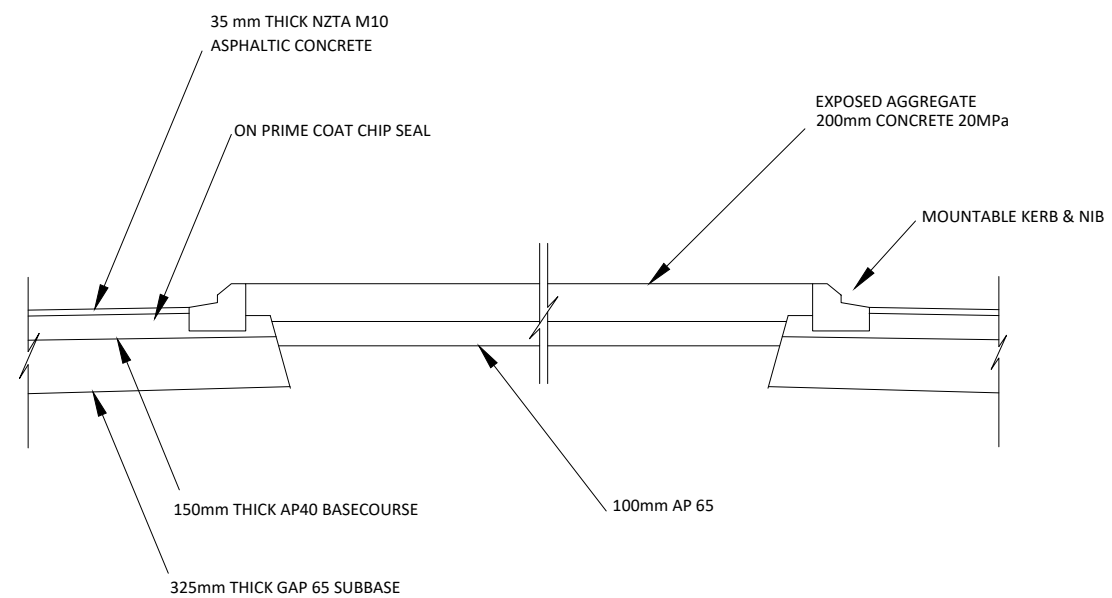
SECTION B - B



SECTION C - C



FLUSH ISLAND PLAN



SECTION A - A

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CLIENT  
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PROJECT  
**45 CONSTABLE ROAD WAIUKU STAGE 1**

TITLE  
**SPEED TABLE & FLUSH ISLAND DETAILS**

DATE	APRIL 2019	SCALE
DRAWN	SH	A1 N.T.S
DESIGNED	SH	A3 N.T.S
PROJECT No	1231	DRAWING No
		1_C331
		REVISION
		A



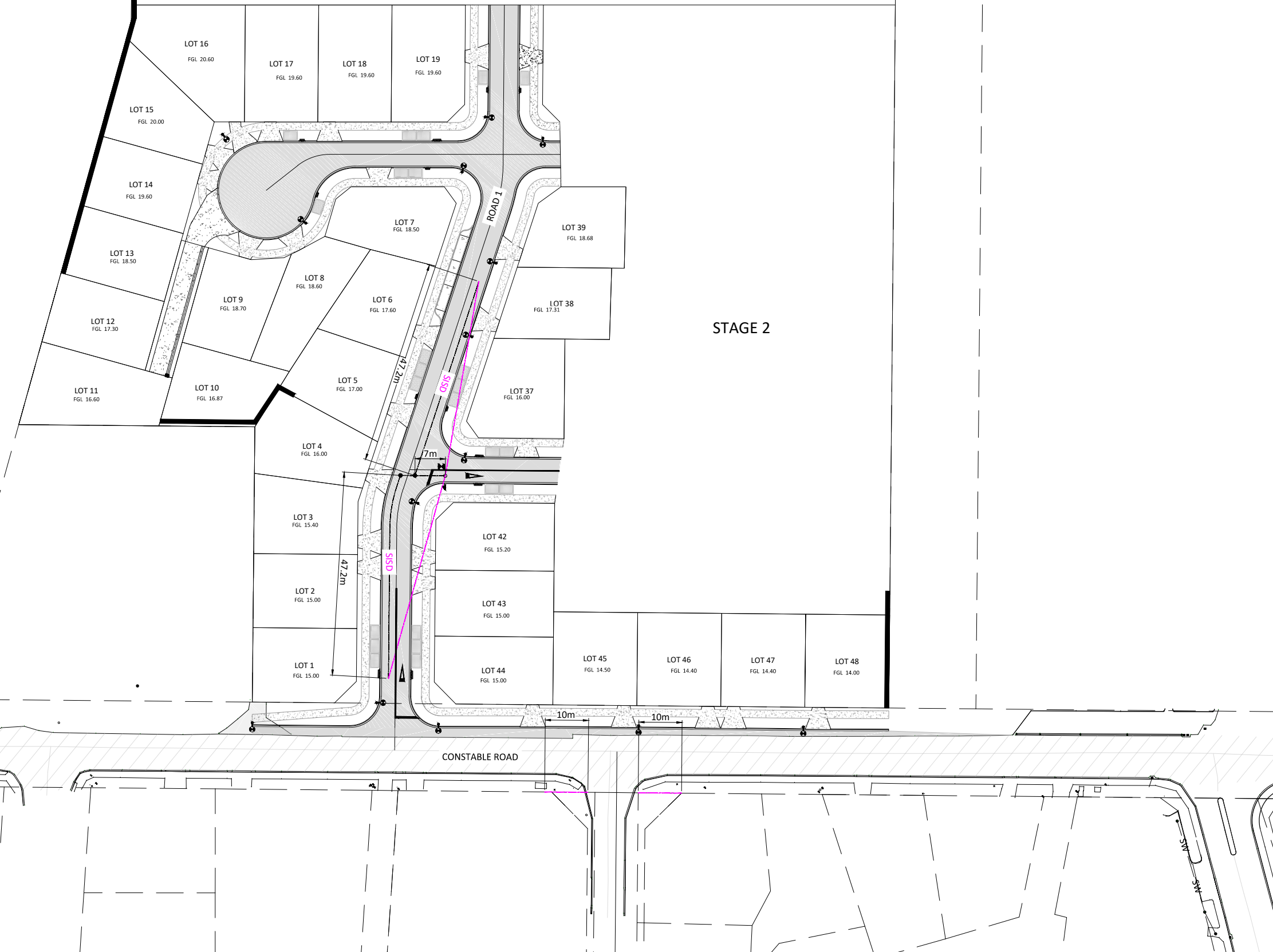
**SUB60237908 BUN60077077**  
 Approved Resource Consent Plan

23/05/2019



**LEGEND**

- PR LOT BOUNDARIES
- EX LOT BOUNDARIES
- PR RETAINING WALL
- PR CONCRETE FOOTPATH
- PR ASPHALT PAVEMENT
- PR STREET LIGHT



STAGE 2

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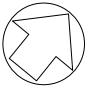
**PROJECT**  
 45 CONSTABLE ROAD  
 WAIUKU  
 STAGE 1

**TITLE**  
 SIGHT VISIBILITY PLAN

DATE	APRIL 2019	SCALE	A1 1:500
DRAWN	SH	A3	1:1000
DESIGNED	SH	REVISION	A
PROJECT No	1231	DRAWING No	1_C332

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**LEGEND**

- PR LOT BOUNDARIES
- EX LOT BOUNDARIES
- STAGE 1 BOUNDARY
- SW EXISTING STORMWATER
- SS EXISTING WASTEWATER
- SW PROPOSED STORMWATER
- SS PROPOSED WASTEWATER
- PROP SW CONNECTION
- PROP WW CONNECTION
- PROPOSED CESSPIT

- NOTES:**
- ALL WORK, DESIGN AND MATERIALS TO COMPLY WITH THE LATEST WATERCARE ENGINEERING STANDARDS.
  - ALL SANITARY SEWER LINES SHALL BE 150Ø uPVC SN16 UNLESS SHOWN OTHERWISE.
  - ALL WASTEWATER MANHOLES TO BE FITTED WITH STAINLESS STEEL SAFETY GRILLES IN ACCORDANCE WITH WSL Std Dwg WW-40.
  - ALL SEWER PIPES AND MANHOLES TO COMPLY WITH WATERCARE'S MATERIAL SUPPLY STANDARDS.
  - APPROVED HARDFILL SHALL BE USED WHEN BACKFILLING ALL ROAD CROSSINGS.
  - CLEARANCE BETWEEN THE STORMWATER AND WASTEWATER PIPES LESS THAN 300mm POLYSTYRENE PACKS SHOULD BE USED.
  - ALL WASTEWATER AND STORMWATER LOT CONNECTIONS TO BE 100mm uPVC.
  - ALL STORMWATER CATCHPIT LEADS ARE 225mm Ø RCRRJ CLASS 4.
  - EXISTING SERVICE LOCATIONS ARE APPROXIMATE ONLY.

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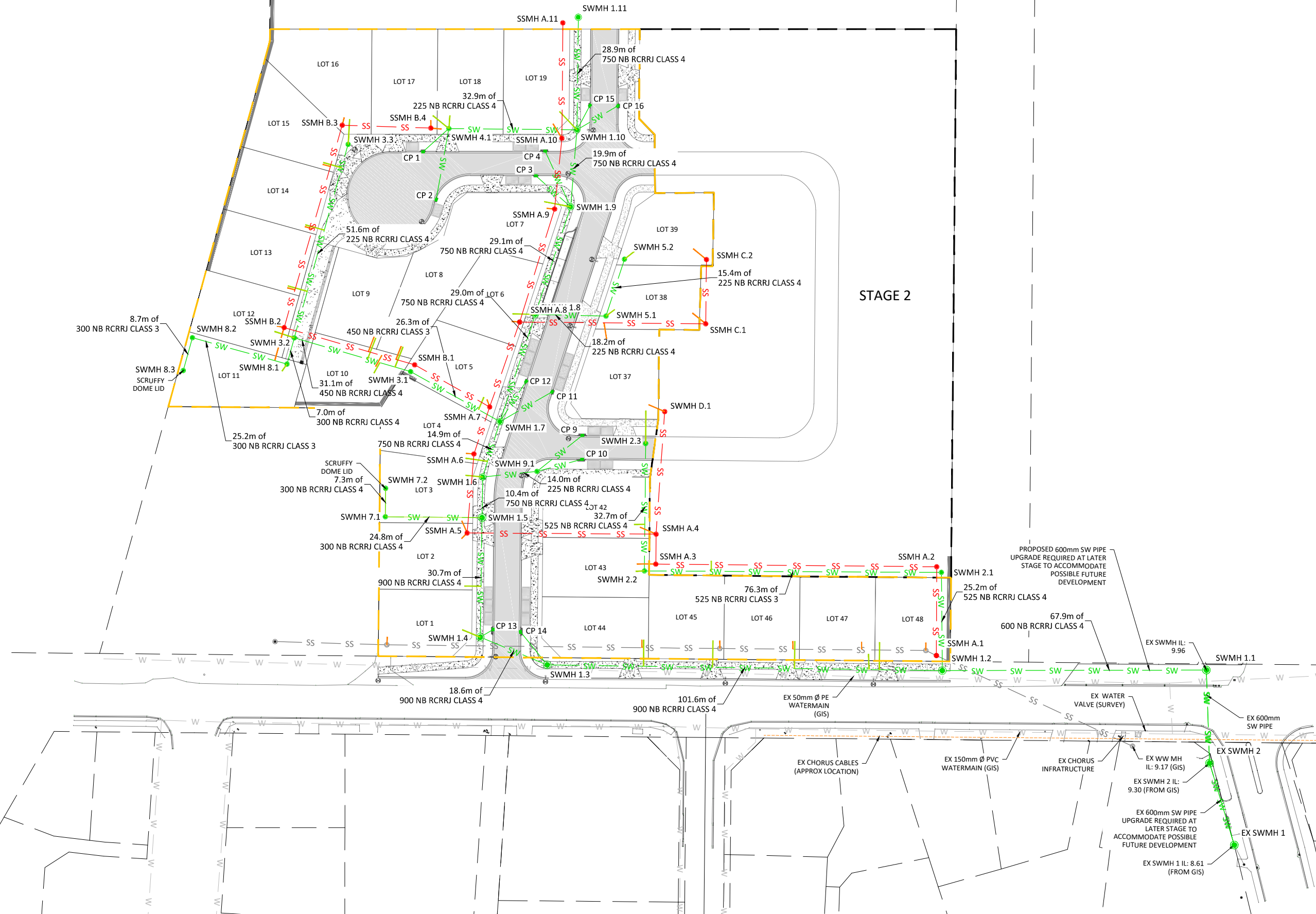
**CLIENT**  
**POKORUA HOLDINGS LTD**

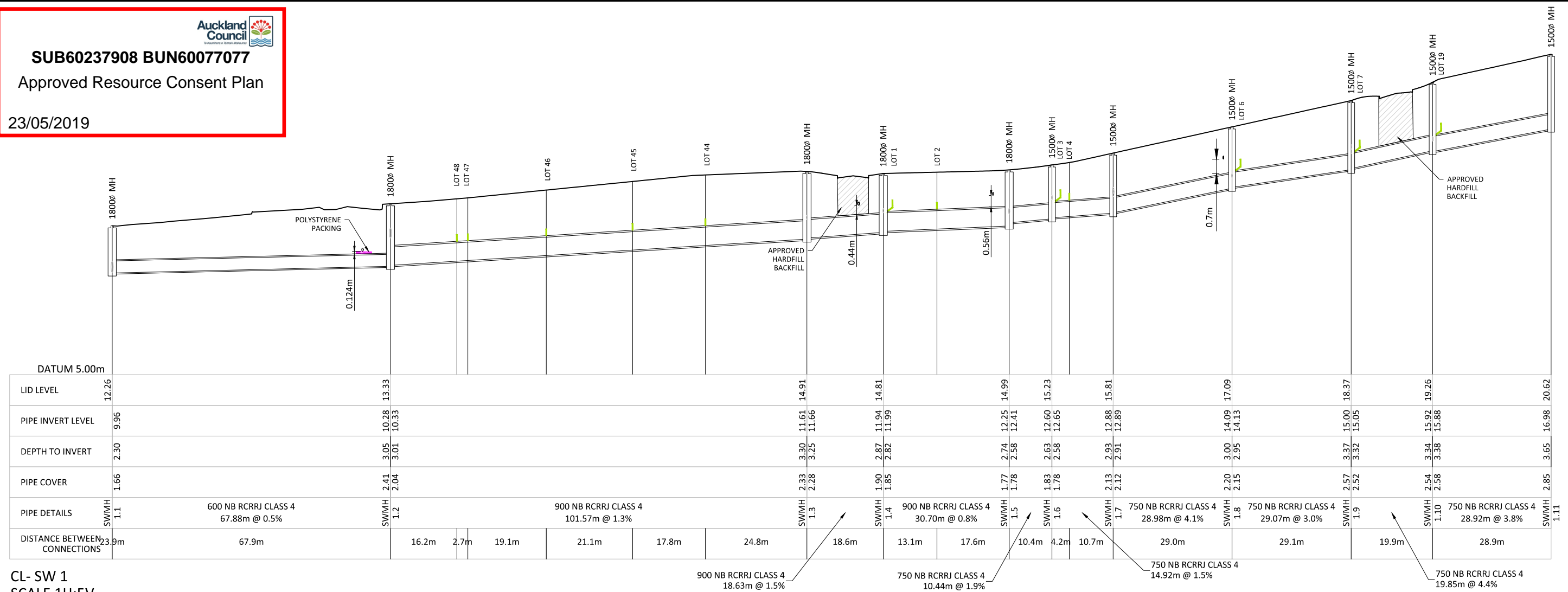
**PROJECT**  
**45 CONSTABLE ROAD WAIUKU STAGE 1**

**TITLE**  
**DRAINAGE PLAN**

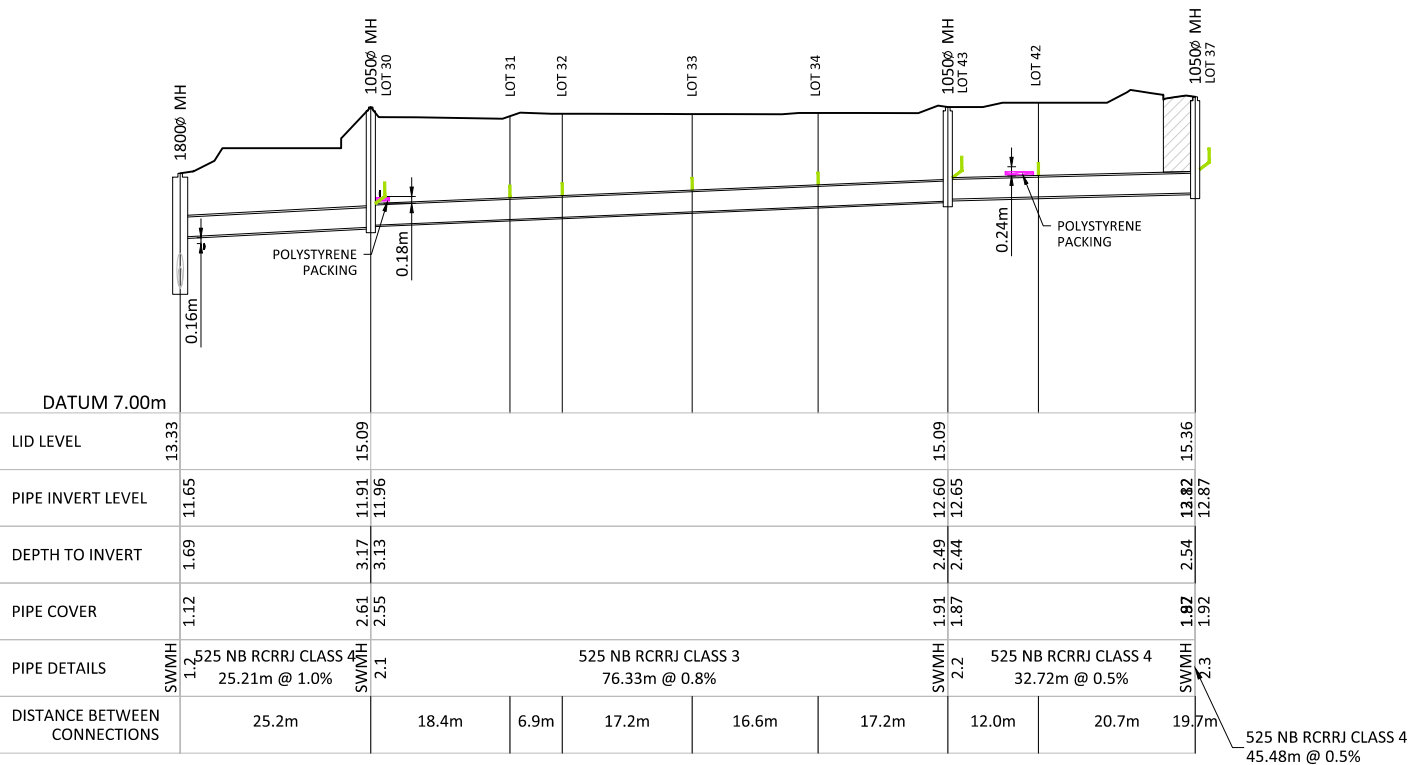
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DESIGNED	SH	A3 1:1000
PROJECT No	1231	DRAWING No
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		REVISION
		A

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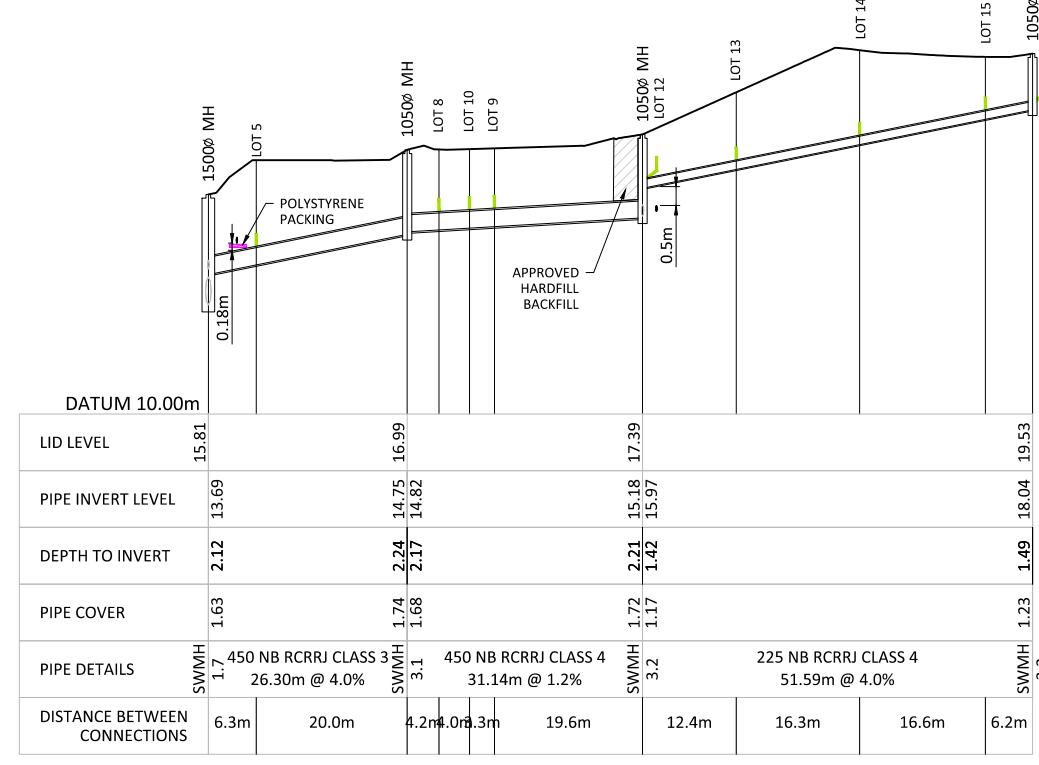




CL- SW 1  
SCALE 1H:5V



CL- SW 2  
SCALE 1H:5V



CL- SW 3  
SCALE 1H:5V

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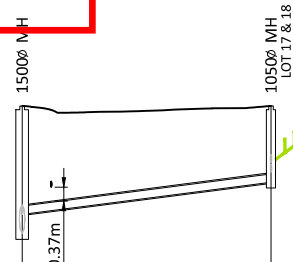
**PROJECT**  
45 CONSTABLE ROAD  
WAIUKU  
STAGE 1

**TITLE**  
STORMWATER  
LONGSECTIONS SHEET 1

DATE	REVISION	SCALE
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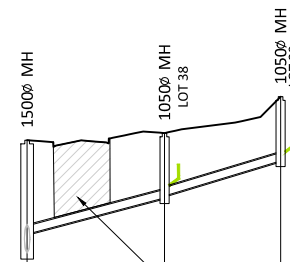
PROJECT No	DRAWING No	REVISION
1231	1_C401	A





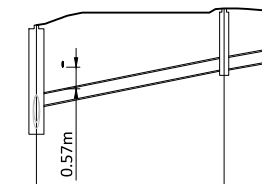
DATUM 10.00m	
LID LEVEL	19.26
PIPE INVERT LEVEL	16.39
DEPTH TO INVERT	2.87
PIPE COVER	2.62
PIPE DETAILS	SWMH 1.10 225 NB RCRRJ CLASS 4 32.92m @ 2.6%
DISTANCE BETWEEN CONNECTIONS	SWMH 4.1

CL- SW 4  
SCALE 1H:5V



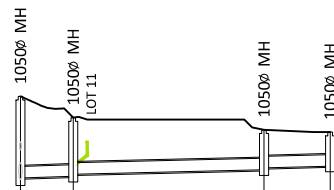
DATUM 10.00m	
LID LEVEL	17.09
PIPE INVERT LEVEL	14.60
DEPTH TO INVERT	2.49
PIPE COVER	2.24
PIPE DETAILS	SWMH 1.8 225 NB RCRRJ CLASS 4 18.18m @ 5.3%
DISTANCE BETWEEN CONNECTIONS	18.2m SWMH 5.1 15.4m SWMH 5.2

CL- SW 5  
SCALE 1H:5V



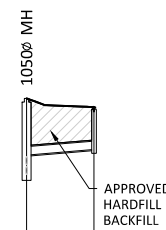
DATUM 8.00m	
LID LEVEL	14.99
PIPE INVERT LEVEL	12.82
DEPTH TO INVERT	2.16
PIPE COVER	1.83
PIPE DETAILS	SWMH 1.5 300 NB RCRRJ CLASS 4 24.84m @ 4.0%
DISTANCE BETWEEN CONNECTIONS	24.8m SWMH 7.1 7.3m SWMH 7.2

CL- SW 7  
SCALE 1H:5V



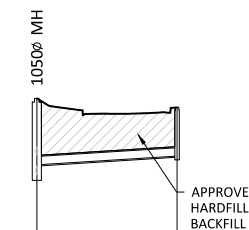
DATUM 12.00m	
LID LEVEL	17.39
PIPE INVERT LEVEL	15.23
DEPTH TO INVERT	2.16
PIPE COVER	1.83
PIPE DETAILS	SWMH 3.2 300 NB RCRRJ CLASS 3 25.24m @ 0.5%
DISTANCE BETWEEN CONNECTIONS	7.0m SWMH 8.1 25.2m SWMH 8.2 8.7m SWMH 8.3

CL- SW 8  
SCALE 1H:5V



DATUM 12.00m	
LID LEVEL	19.26
PIPE INVERT LEVEL	17.76
DEPTH TO INVERT	1.50
PIPE COVER	1.25
PIPE DETAILS	SWMH 4.1 225 NB RCRRJ CLASS 4 8.92m @ 1.7%
DISTANCE BETWEEN CONNECTIONS	CP 1

CL- CP1  
SCALE 1H:5V



DATUM 12.00m	
LID LEVEL	19.26
PIPE INVERT LEVEL	17.50
DEPTH TO INVERT	1.76
PIPE COVER	1.51
PIPE DETAILS	SWMH 4.1 225 NB RCRRJ CLASS 4 18.55m @ 1.3%
DISTANCE BETWEEN CONNECTIONS	CP 2

CL- CP2  
SCALE 1H:5V

REVISION	CHANGES	CHECKED	DATE
A	RESOURCE CONSENT	VC	16/04/2019

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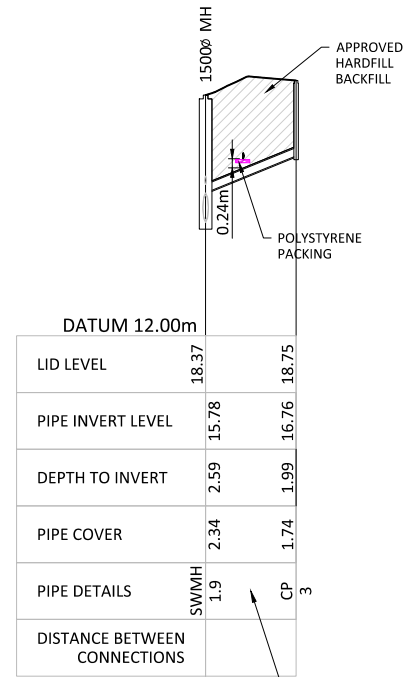
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PROJECT  
**45 CONSTABLE ROAD WAIUKU STAGE 1**

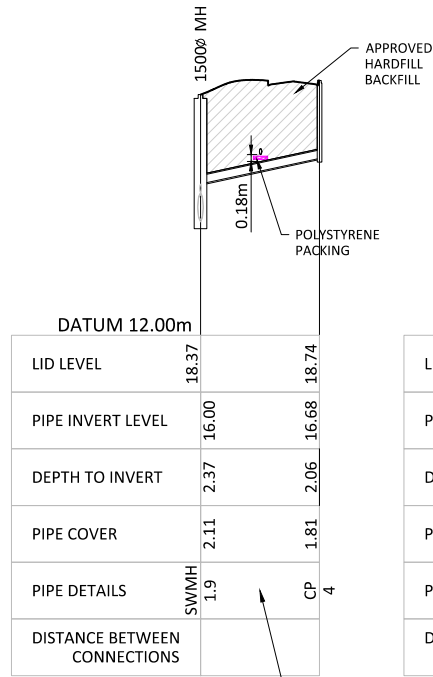
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**STORMWATER LONGSECTIONS SHEET 2**

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DESIGNED	SH	A3 1:1000
PROJECT No	1231	DRAWING No
		1_C402
		REVISION
		A



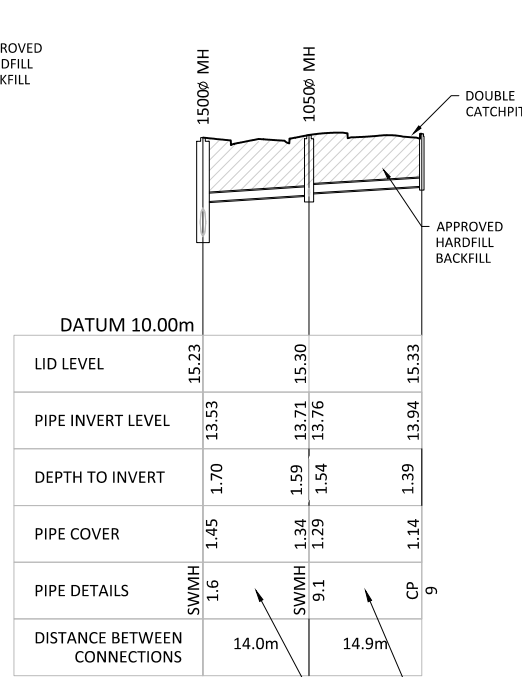
CL- CP3  
SCALE 1H:5V

225 NB RCRRJ CLASS 4  
11.97m @ 8.2%



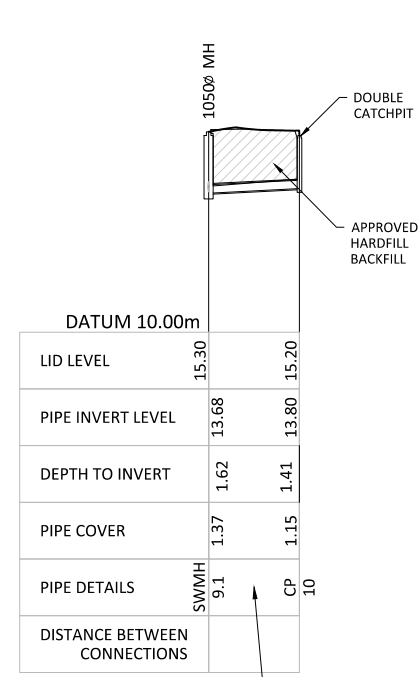
CL- CP4  
SCALE 1H:5V

225 NB RCRRJ CLASS 4  
15.75m @ 4.3%



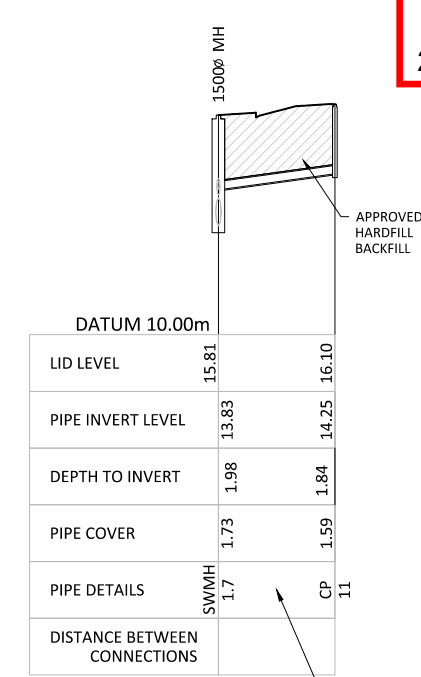
CL- CP9  
SCALE 1H:5V

225 NB RCRRJ CLASS 4  
14.03m @ 1.3%



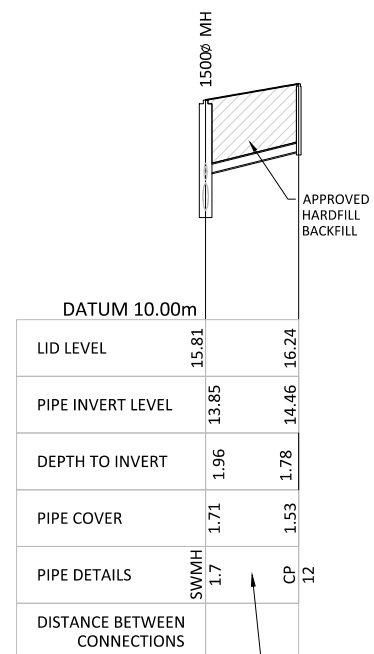
CL- CP10  
SCALE 1H:5V

225 NB RCRRJ CLASS 4  
12.01m @ 1.0%



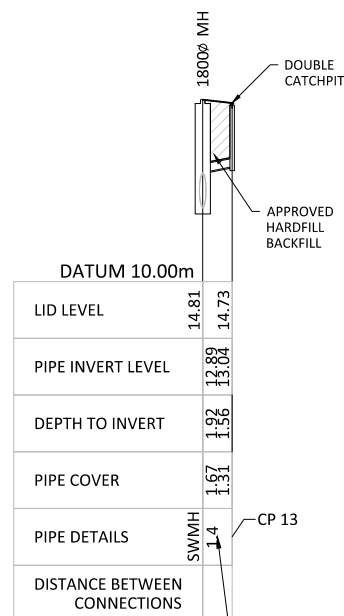
CL- CP11  
SCALE 1H:5V

225 NB RCRRJ CLASS 4  
15.41m @ 2.8%



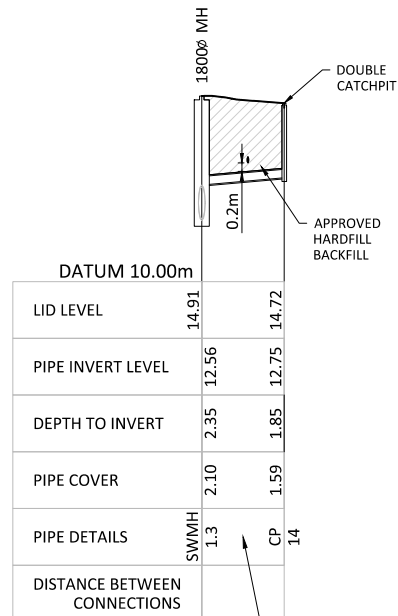
CL- CP12  
SCALE 1H:5V

225 NB RCRRJ CLASS 4  
12.32m @ 5.0%



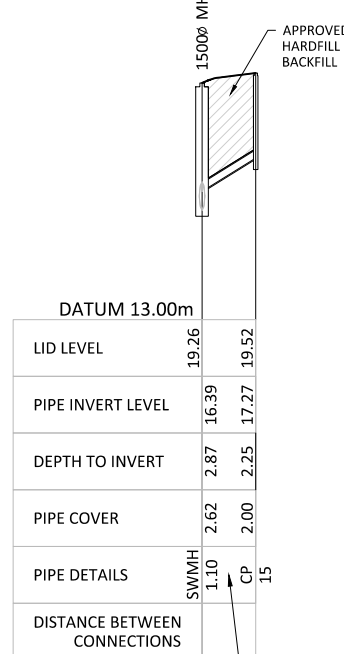
CL- CP13  
SCALE 1H:5V

225 NB RCRRJ CLASS 4  
3.88m @ 3.8%



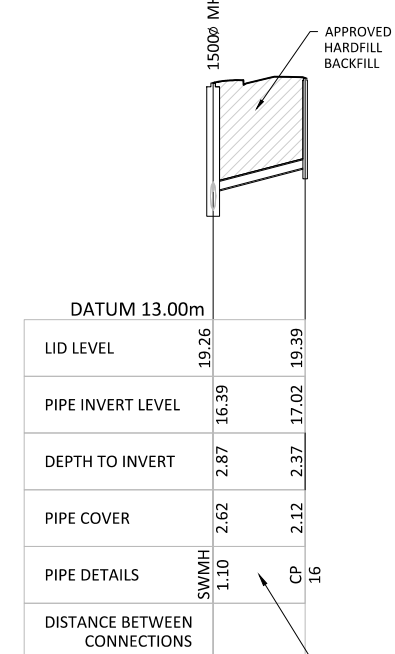
CL- CP14  
SCALE 1H:5V

225 NB RCRRJ CLASS 4  
10.91m @ 1.8%



CL- CP15  
SCALE 1H:5V

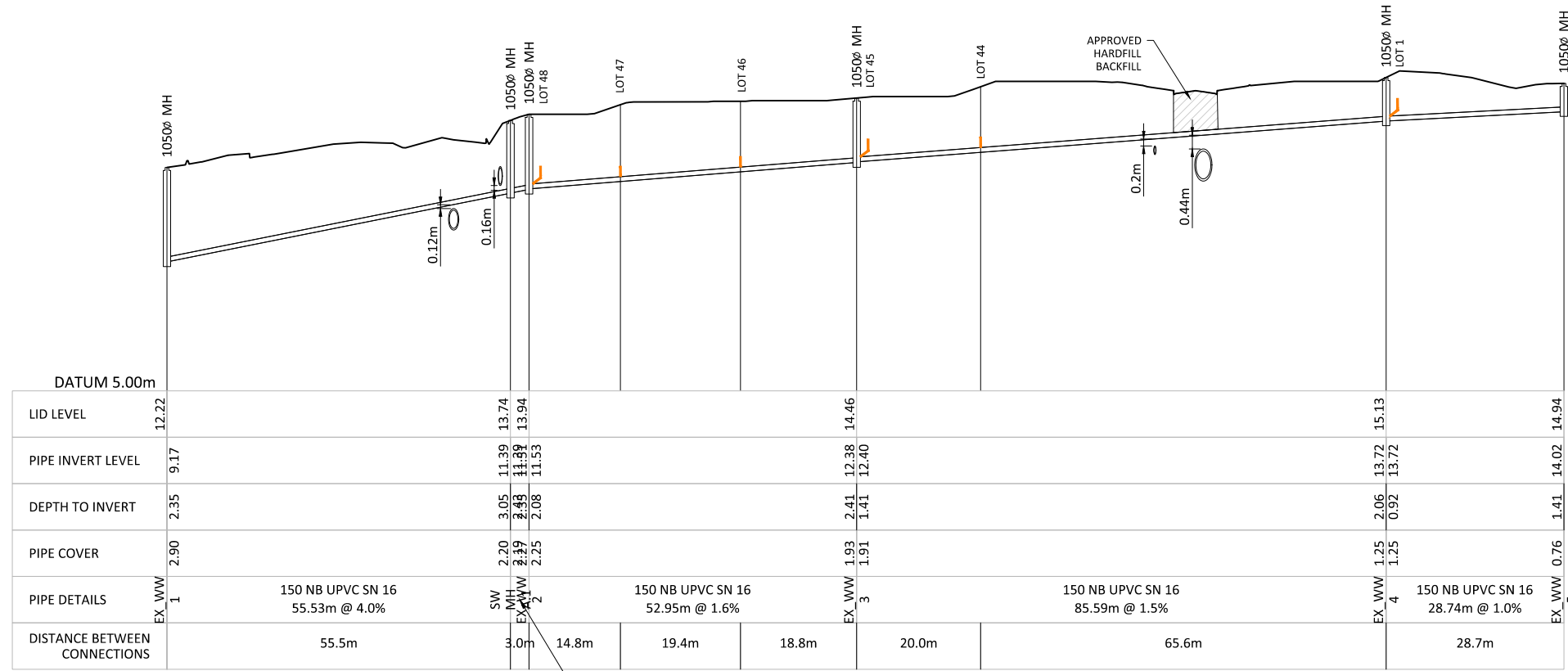
225 NB RCRRJ CLASS 4  
7.10m @ 12.4%



CL- CP16  
SCALE 1H:5V

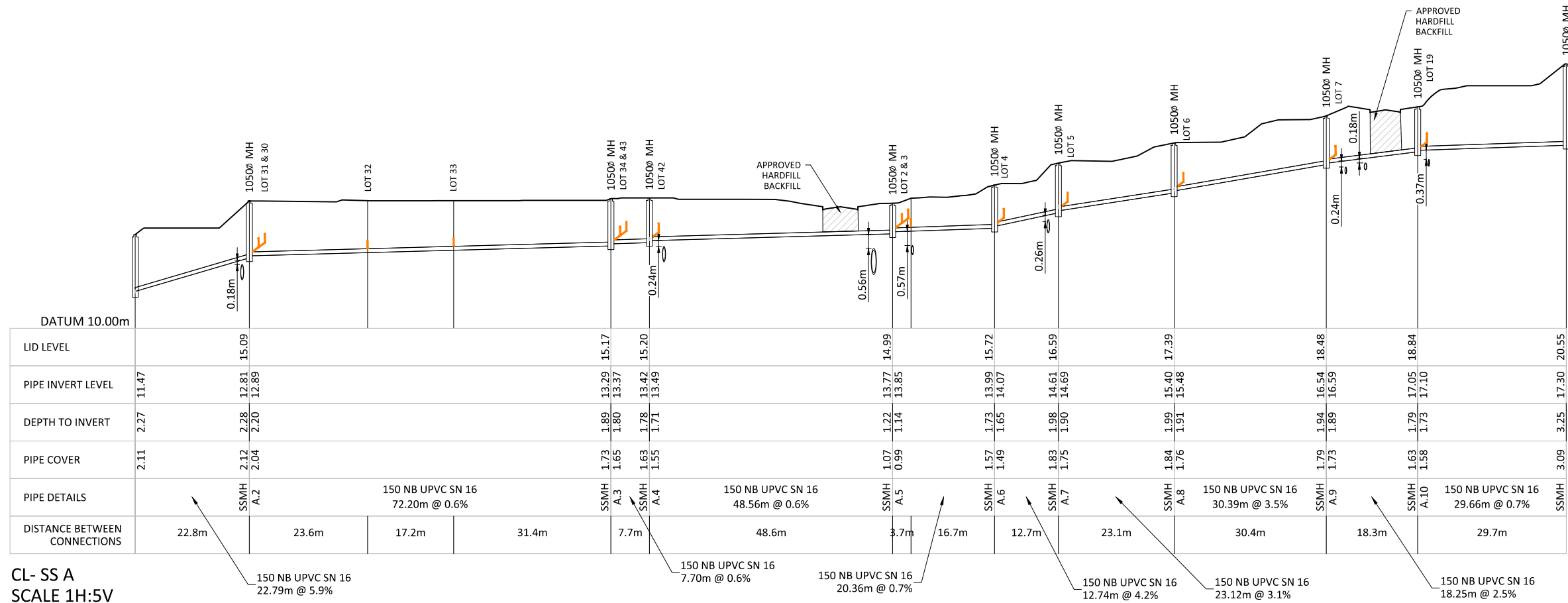
225 NB RCRRJ CLASS 4  
12.17m @ 5.2%

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CLIENT <b>POKORUA HOLDINGS LTD</b>			
PROJECT <b>45 CONSTABLE ROAD WAIUKU STAGE 1</b>			
TITLE <b>STORMWATER LONGSECTIONS SHEET 3</b>			
DATE	APRIL 2019	SCALE	A1 1:500
DRAWN	SH		A3 1:1000
DESIGNED	SH		
PROJECT No	1231	DRAWING No	1_C403
		REVISION	A



CL- EXISTING WW  
SCALE 1H:5V

150 NB UPVC SN 16  
3.01m @ 4.0%



CL- SS A  
SCALE 1H:5V

150 NB UPVC SN 16  
22.79m @ 5.9%

150 NB UPVC SN 16  
7.70m @ 0.6%

150 NB UPVC SN 16  
20.36m @ 0.7%

150 NB UPVC SN 16  
12.74m @ 4.2%

150 NB UPVC SN 16  
23.12m @ 3.1%

150 NB UPVC SN 16  
18.25m @ 2.5%

REVISION	A	RESOURCE CONSENT	VC	16/04/2019
REVISION		CHANGES	CHECKED	DATE

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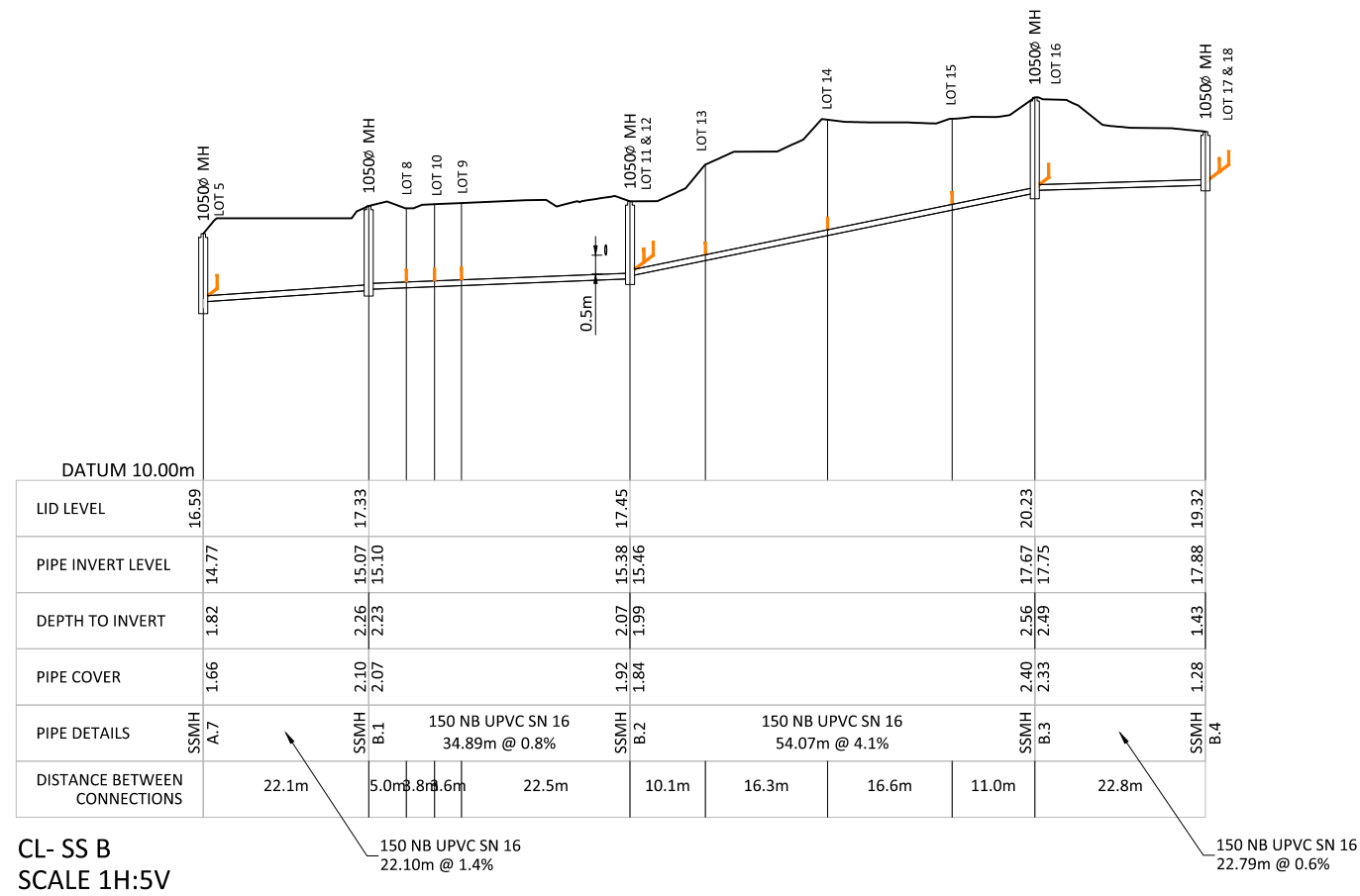
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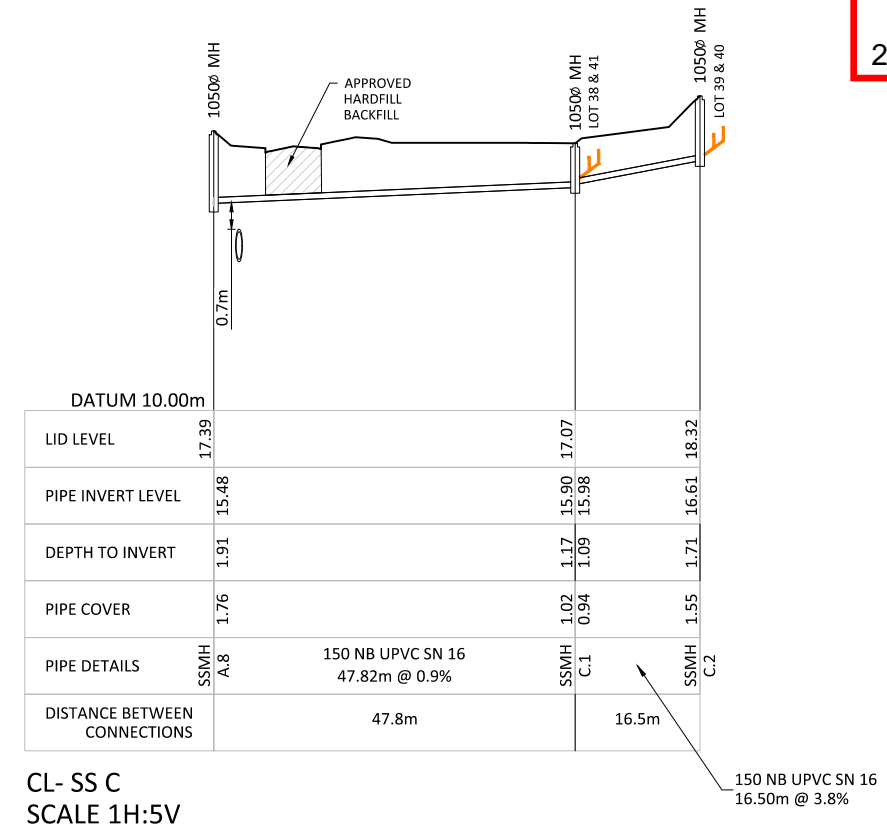
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**45 CONSTABLE ROAD WAIUKU STAGE 1**

TITLE  
**WASTEWATER LONGSECTIONS SHEET 1**

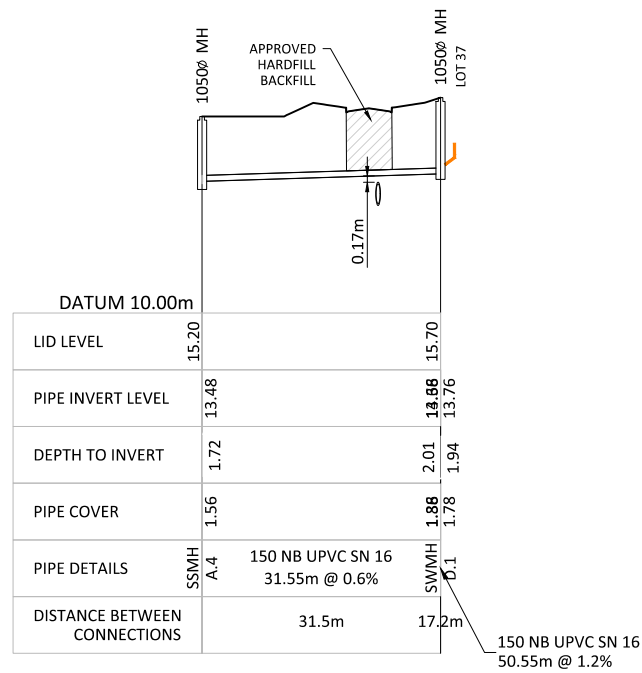
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DESIGNED	SH		
PROJECT No	1231	DRAWING No	1_C404
		REVISION	A



CL- SS B  
SCALE 1H:5V



CL- SS C  
SCALE 1H:5V



CL- SS D  
SCALE 1H:5V

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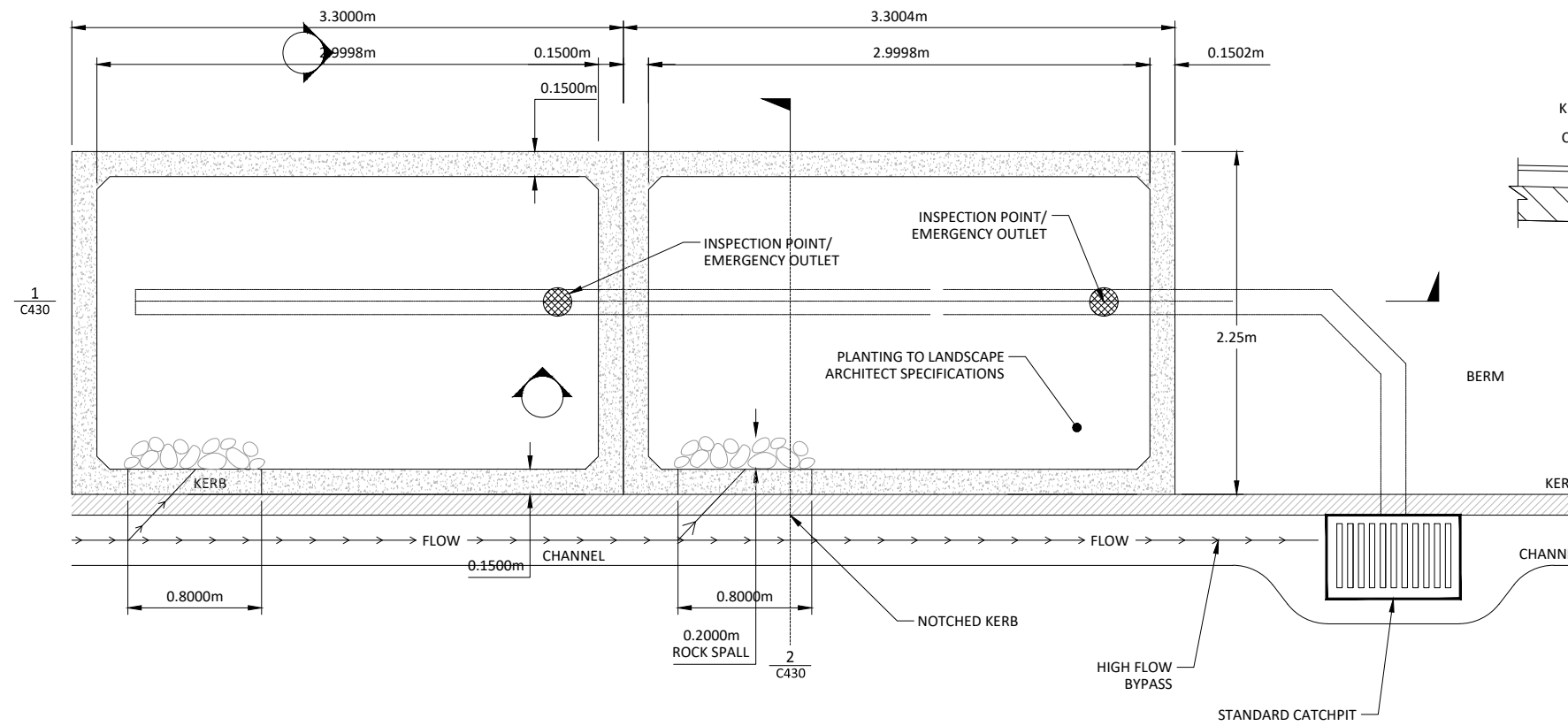
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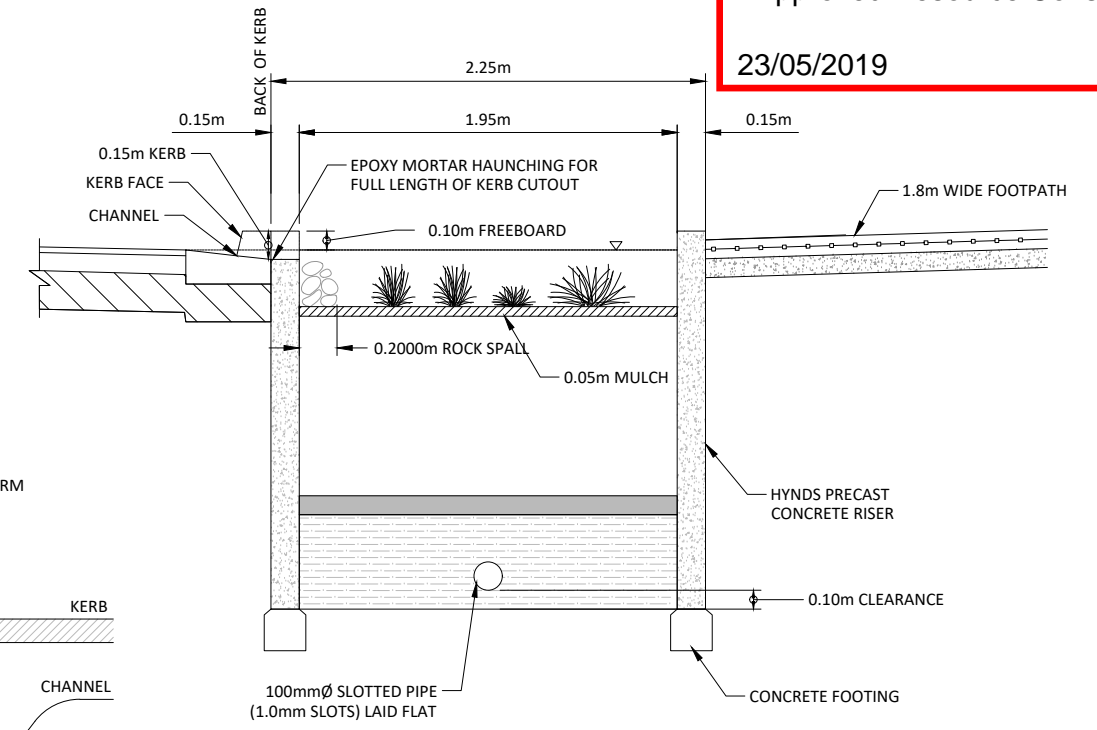
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**45 CONSTABLE ROAD WAIUKU STAGE 1**

TITLE  
**WASTEWATER LONGSECTIONS SHEET 2**

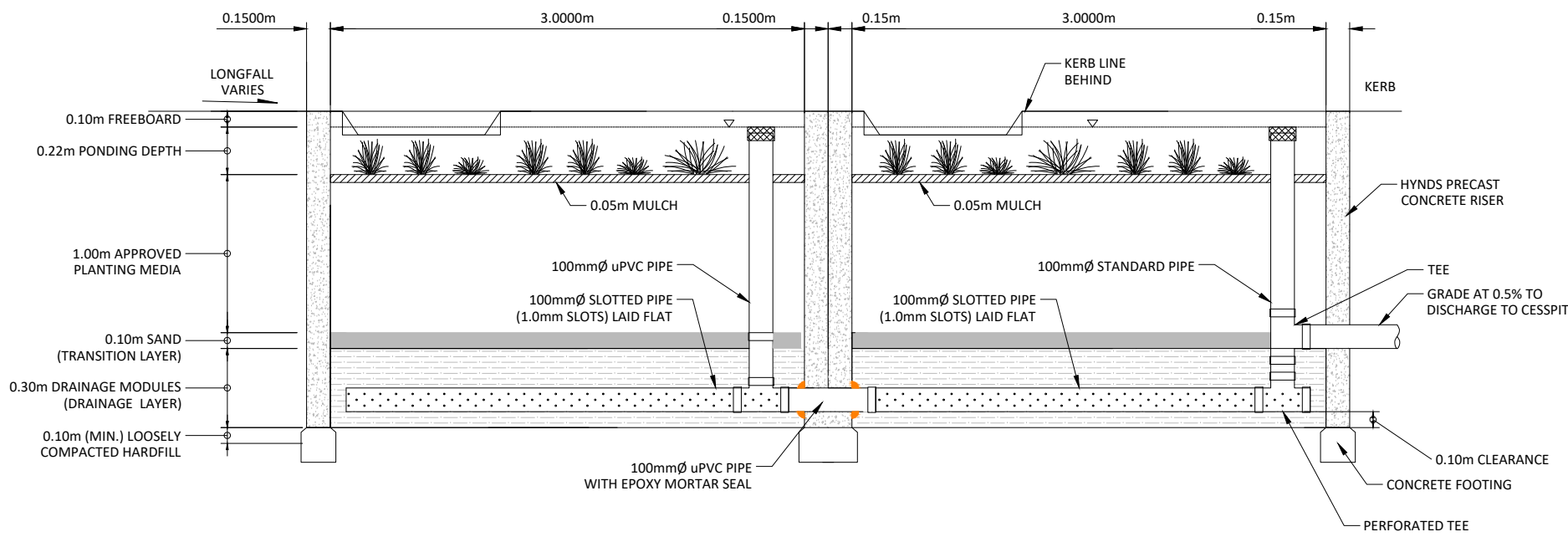
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APRIL 2019	A1 1:500
DRAWN SH	A3 1:1000
DESIGNED SH	REVISION
PROJECT No 1231	DRAWING No 1_C405



RAINGARDEN PLAN VIEW



ROADSIDE RAINGARDEN  
TYPICAL CROSS SECTION



ROADSIDE RAINGARDEN  
LONGITUDINAL SECTION

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CLIENT  
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PROJECT  
**45 CONSTABLE ROAD  
WAIUKU  
STAGE 1**

TITLE  
**RAIN GARDEN DETAILS**

DATE	APRIL 2019	SCALE
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DESIGNED	SH	A3 1:40
PROJECT No	1231	DRAWING No
		1_C430
		REVISION
		A



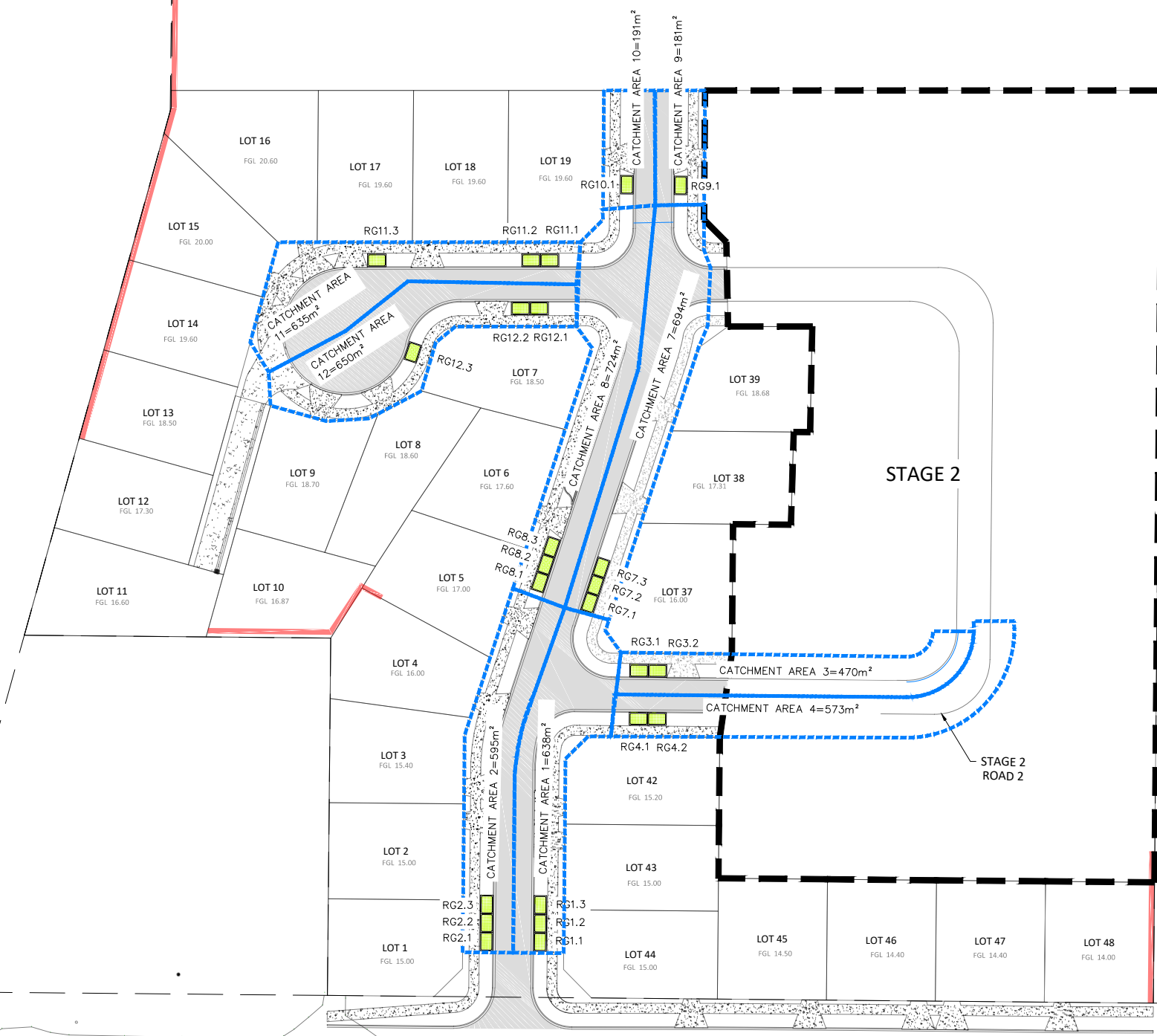
**SUB60237908 BUN60077077**  
Approved Resource Consent Plan

23/05/2019



**LEGEND**

- PR LOT BOUNDARIES
- EX LOT BOUNDARIES
- STAGE 2 BOUNDARY
- PR RETAINING WALL
- PR CONCRETE FOOTPATH
- PR ASPHALT PAVEMENT
- PR RAIN GARDEN



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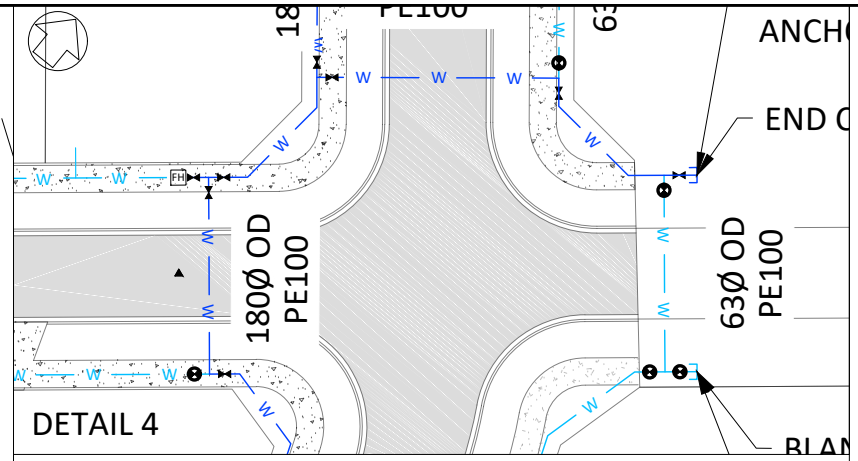
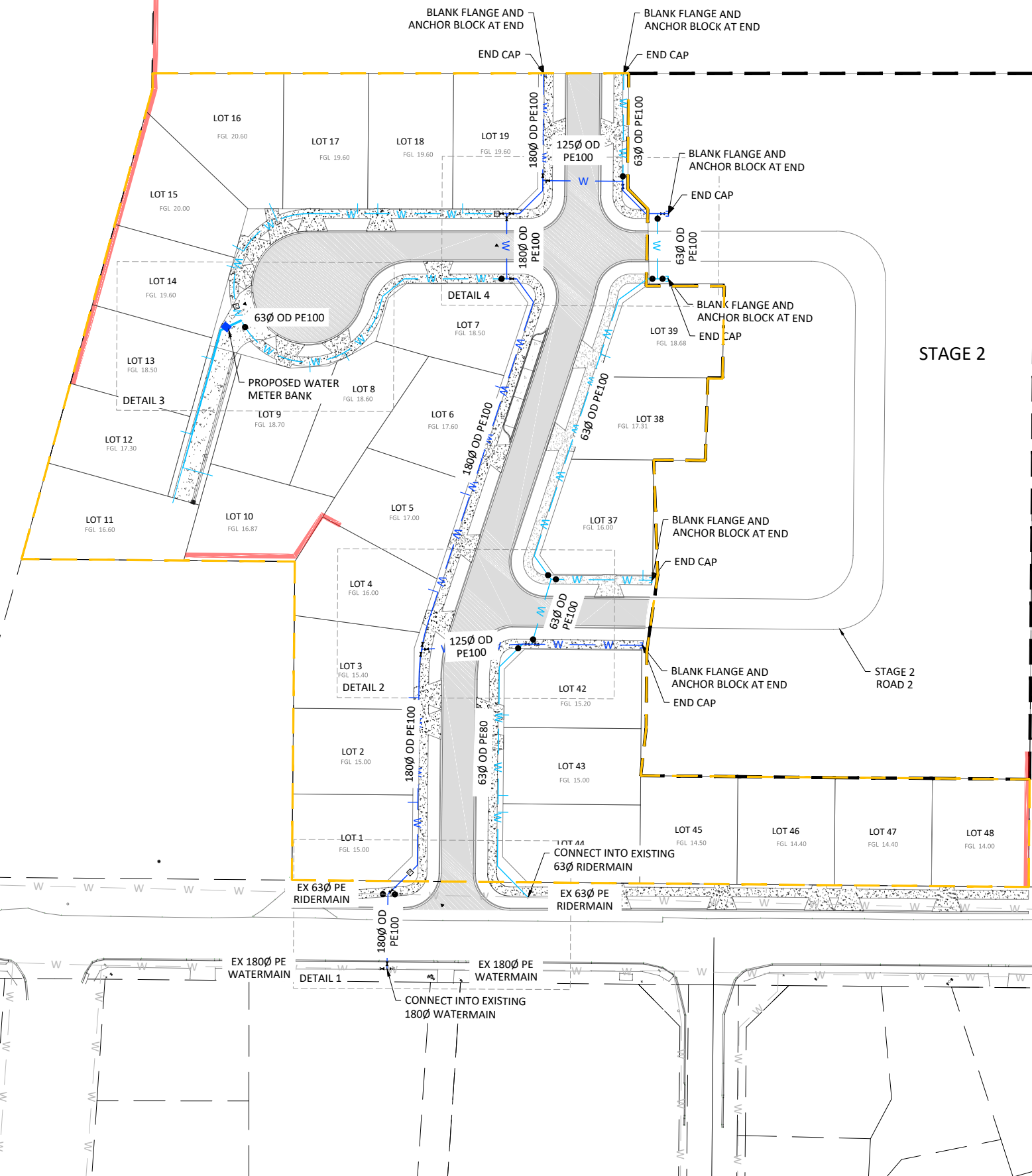
**PROJECT**  
45 CONSTABLE ROAD  
WAIUKU  
STAGE 1

**TITLE**  
RAIN GARDEN CATCHMENT PLAN

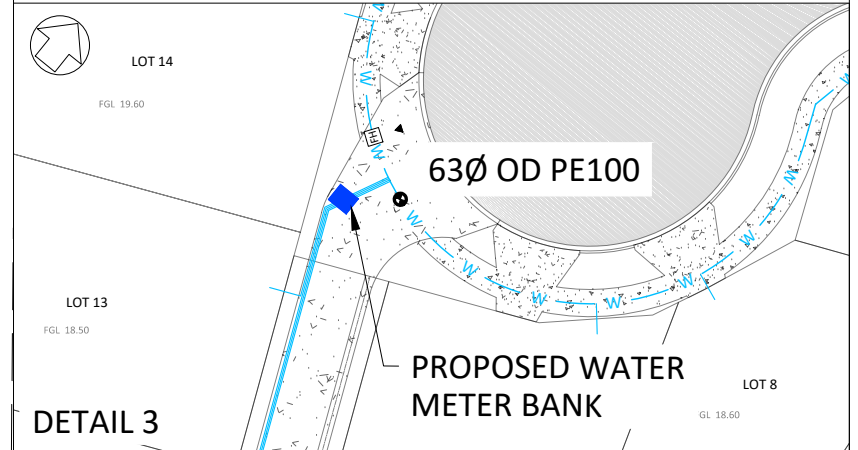
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		REVISION
		A

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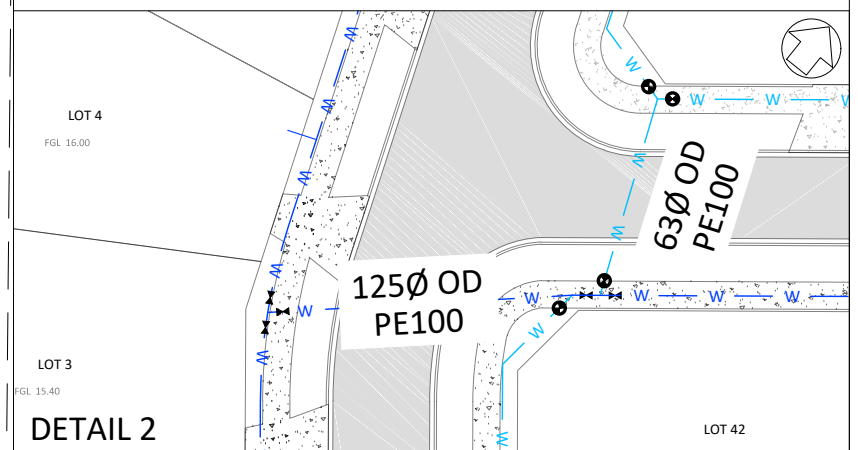
**Auckland Council**  
**SUB60237908 BUN60077077**  
 Approved Resource Consent Plan  
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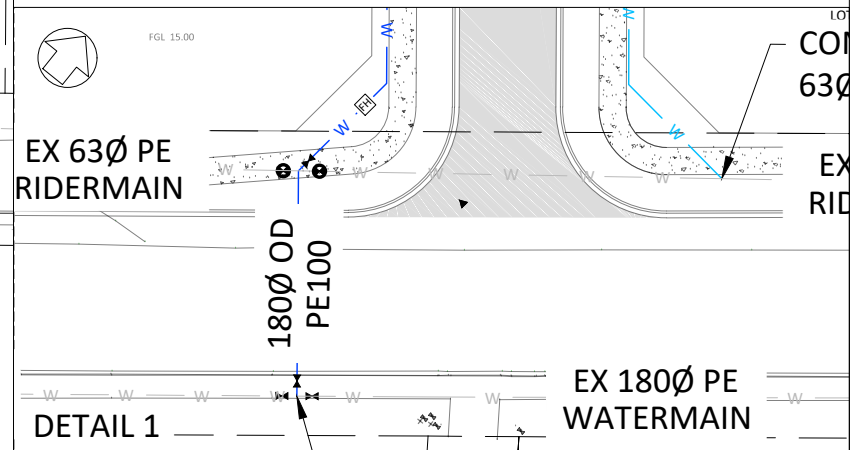
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 SCALE: A1 @ 1:250 & A3 @ 1:500



**BLOWUP DETAIL 3**  
 SCALE: A1 @ 1:250 & A3 @ 1:500



**BLOWUP DETAIL 2**  
 SCALE: A1 @ 1:250 & A3 @ 1:500



**BLOWUP DETAIL 1**  
 SCALE: A1 @ 1:250 & A3 @ 1:500

- LEGEND**
- PR LOT BOUNDARIES
  - EX LOT BOUNDARIES
  - STAGE 2 BOUNDARY
  - PROPOSED WATERMAIN SUPPLY
  - PROPOSED RIDERMAIN SUPPLY
  - PROPOSED SLUICE VALVE
  - PROPOSED GATE VALVE
  - PROPOSED FIRE HYDRANT
  - EXISTING WATERMAIN SUPPLY
  - STAGE 1 BOUNDARY

- NOTES:**
- ALL WORKS AND MATERIALS TO BE IN ACCORDANCE WITH WATERCARE ENGINEERING STANDARDS AND CODE OF PRACTICE
  - CONTRACTOR TO LOCATE AND CONFIRM ALL EXISTING SERVICES AND MAINTAIN PROTECTION FOR DURATION OF WORKS
  - CONNECTIONS TO LIVE NETWORK TO BE COMPLETED BY WATERCARE NOMINATED CONTRACTOR
  - ALL WATERMAIN ROAD AND VEHICLE CROSSINGS TO BE HARDFILL BACKFILL 1.0m EITHER SIDE
  - ANCHOR BLOCKS TO BE INSTALLED IN ACCORDANCE WITH WS15, WS16 & WS17
  - REFER TO DRAWING C680 FOR DETAILS

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**CLIENT**  
 POKORUA HOLDINGS LTD

**PROJECT**  
 45 CONSTABLE ROAD  
 WAIUKU  
 STAGE 1

**TITLE**  
 WATER SUPPLY PLAN

DATE	APRIL 2019	SCALE
DRAWN	SH	A1 1:500
DESIGNED	SH	A3 1:1000
PROJECT No	1231	DRAWING No
		1_C600
		REVISION
		A

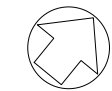
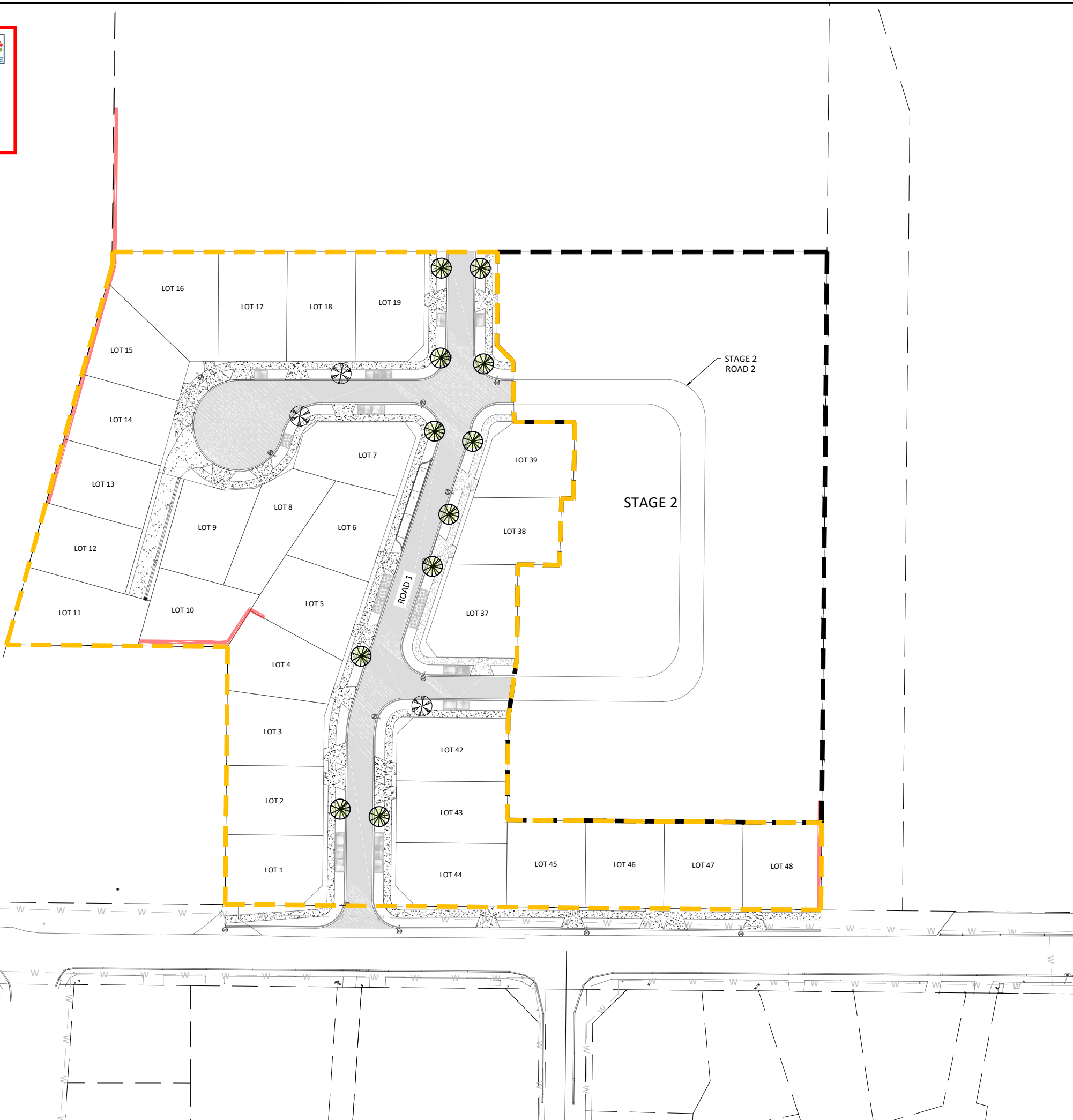
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SUB60237908 BUN60077077

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23/05/2019



LEGEND

- PR LOT BOUNDARIES
- EX LOT BOUNDARIES
- STAGE 1 BOUNDARY
- STAGE 2 BOUNDARY

- METROSIDEROS EXCELSA MISTRAL
- KERMADEC NIKAU RHOPALOSTYLIS CHEESMANI

CONSENT ISSUE

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 post PO Box 42-089, Orakei, Auckland 1745, NZ

CLIENT  
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PROJECT  
**45 CONSTABLE ROAD WAIUKU STAGE 1**

TITLE  
**STREET TREES PLAN**

DATE	APRIL 2019	SCALE
DRAWN	SH	A1 1:500
DESIGNED	SH	A3 1:1000
PROJECT No	DRAWING No	REVISION
1231	1_C700	A

SAVED: P:\1231 - 45 Constable Road, Waiuku\Drawing\0\_STAGE 1\1\_C700 STREET TREES PLAN.dwg - April 17, 2019. PRINTED: April 18, 2019





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Approved Resource Consent Plan

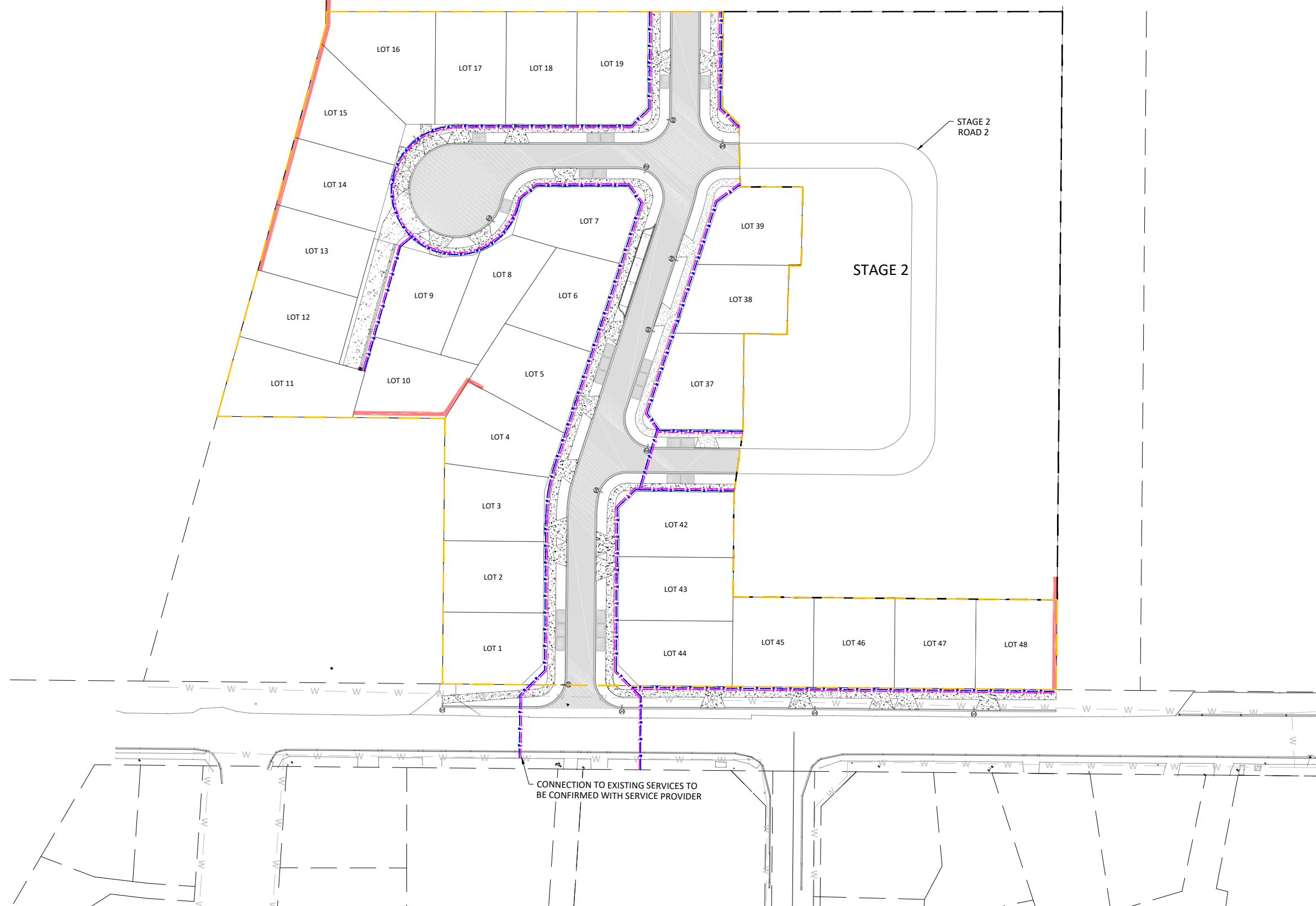
23/05/2019



**LEGEND**

- PR LOT BOUNDARIES
- EX LOT BOUNDARIES
- STAGE 1 BOUNDARY
- STAGE 2 BOUNDARY
- PROPOSED POWER
- PROPOSED TELECOM

NOTES:  
1. POWER AND TELECOM LAYOUT AND CONNECTIONS TO BE CONFIRMED WITH SERVICE PROVIDER



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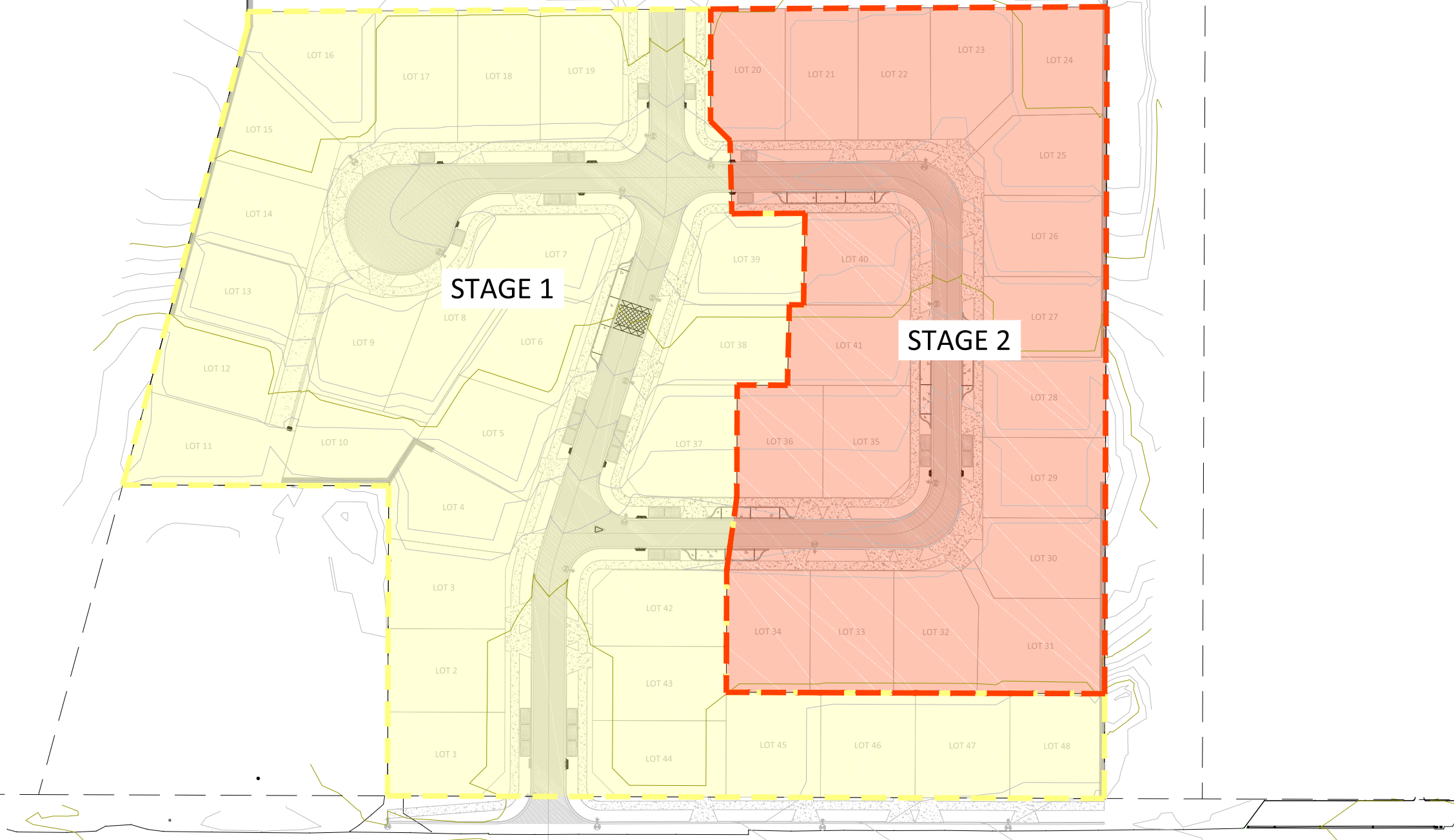
**CLIENT**  
**POKORUA HOLDINGS LTD**

**PROJECT**  
**45 CONSTABLE ROAD WAIUKU STAGE 1**

**TITLE**  
**SERVICES PLAN**

DATE	APRIL 2019	SCALE	A1 1:500
DRAWN	SH	A3 1:1000	
DESIGNED	SH	REVISION	A
PROJECT No	1231	DRAWING No	1_C800





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**PROJECT**  
45 CONSTABLE ROAD  
WAIUKU  
STAGE 2

**TITLE**  
DEVELOPMENT LAYOUT PLAN  
STAGE 1-2

DATE	SCALE
APRIL 2019	A1 1:500
DRAWN SH	A3 1:1000
DESIGNED SH	REVISION A
PROJECT No 1231	DRAWING No 2_C110

LOTS 20-35, 40 AND 41 BEING A SUBDIVISION OF LOT 300  
(SEE STAGE 1 PLAN)

19 NEW RESIDENTIAL LOTS



**SUB60237908 BUN60077077**  
Approved Resource Consent Plan



23/05/2019

**LEGEND**

- PROPOSED LOT BOUNDARIES
- EXISTING LOT BOUNDARIES
- STAGE 1 LOT BOUNDARIES

**NOTES**

1. BEARING AND COORDINATE DATUM IS GEODETIC 2000. ORIGIN IS MT. EDEN

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**PROJECT**  
**45 CONSTABLE ROAD WAIUKU STAGE 2**

**TITLE**  
**SCHEME PLAN**










DATE	APRIL 2019	SCALE
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DESIGNED	SH	A3 1:1000
PROJECT No	1231	DRAWING No
		2_C150
		REVISION
		A

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CONSTABLE ROAD

**LEGEND**

-  PR LOT BOUNDARIES
-  EX LOT BOUNDARIES
-  RETAINING WALL
-  PR CONCRETE FOOTPATH
-  PR ASPHALT PAVEMENT
-  PR RAIN GARDEN
-  PR STREET LIGHT
-  STAGE 1 BOUNDARY
-  STAGE 2 BOUNDARY

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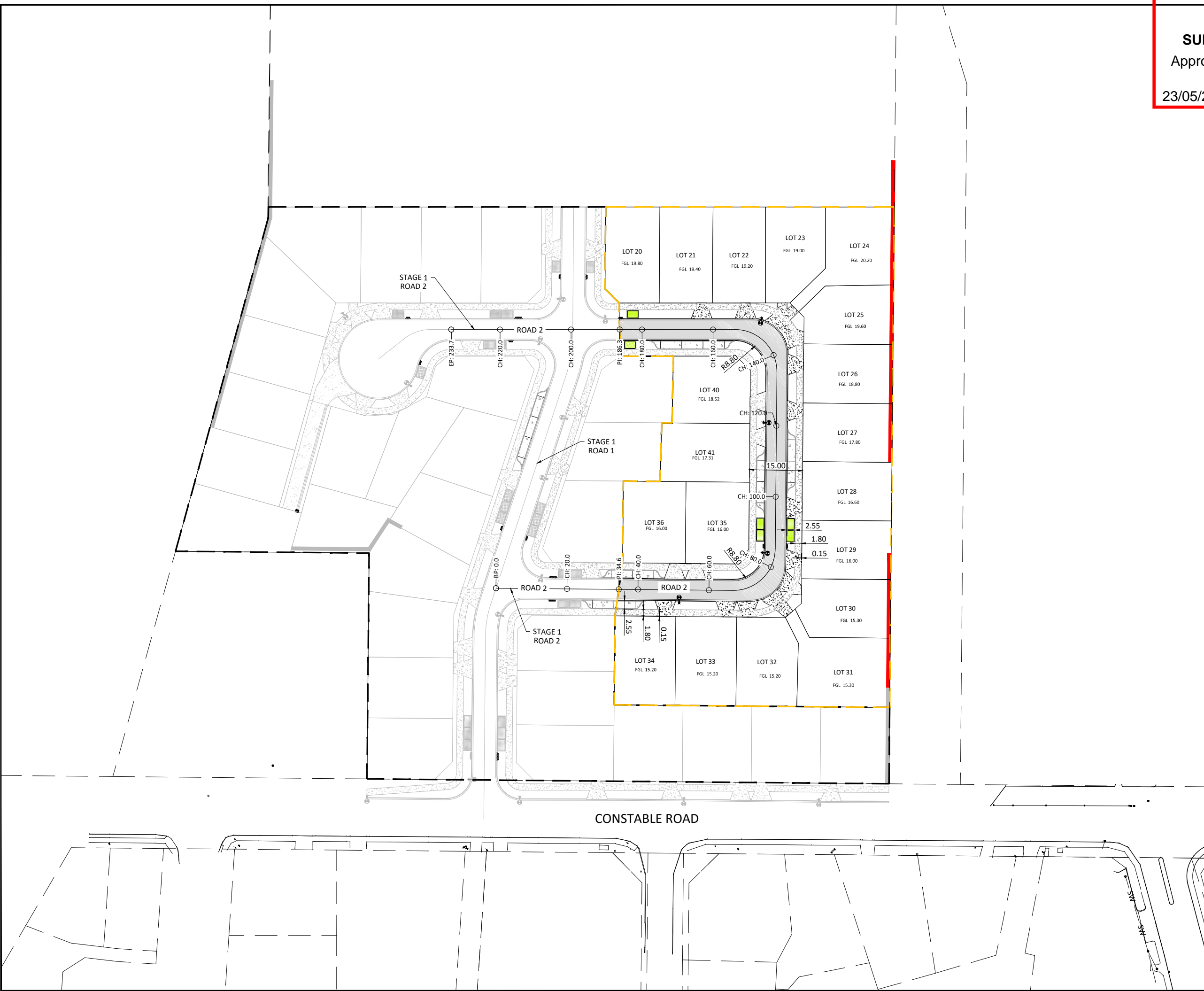
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**POKORUA HOLDINGS LTD**

**PROJECT**  
**45 CONSTABLE ROAD WAIUKU STAGE 2**

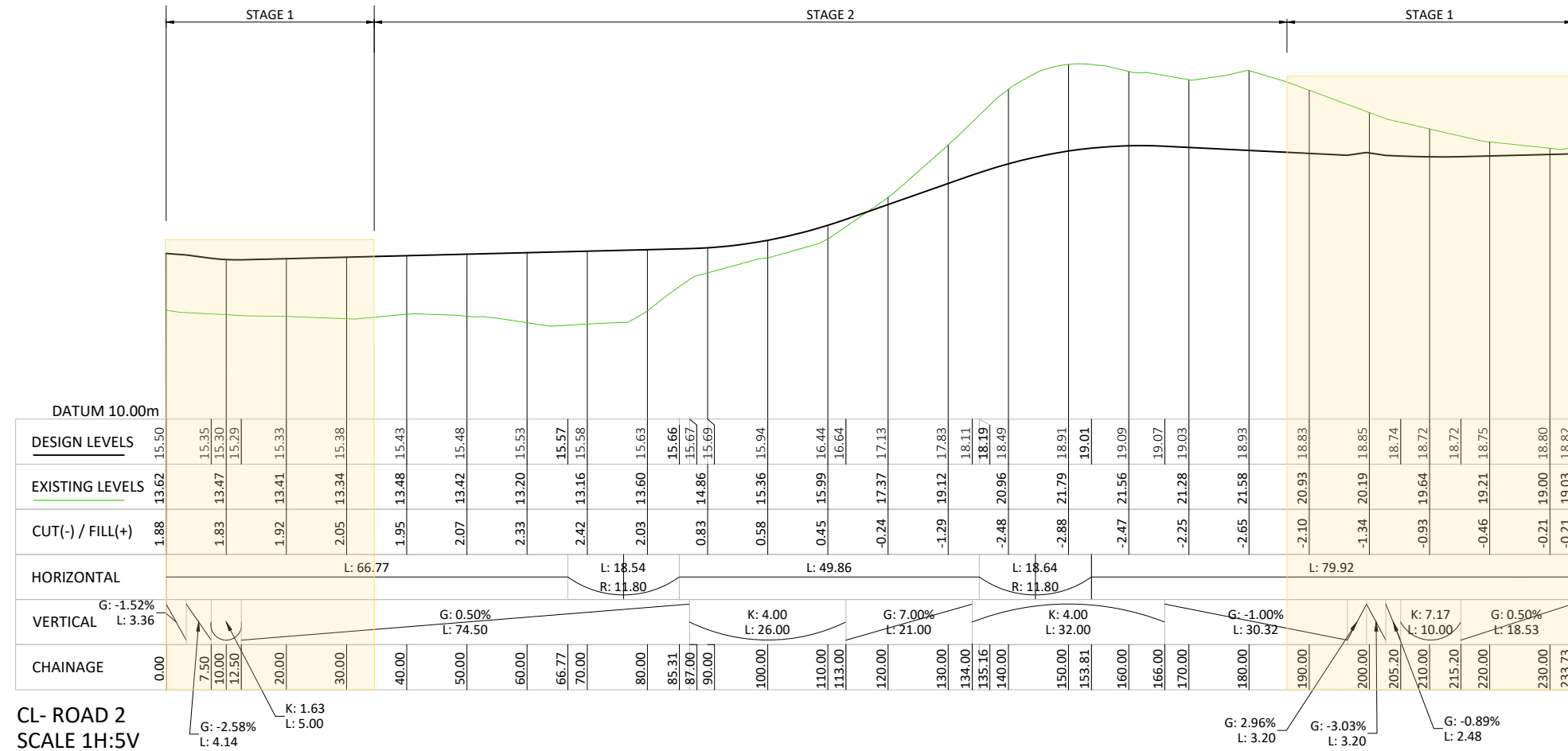
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**ROADING PLAN**

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DESIGNED	SH	A3 1:1000
PROJECT No	1231	DRAWING No
		2_C300
		REVISION
		A

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CONSTABLE ROAD



CL- ROAD 2  
SCALE 1H:5V

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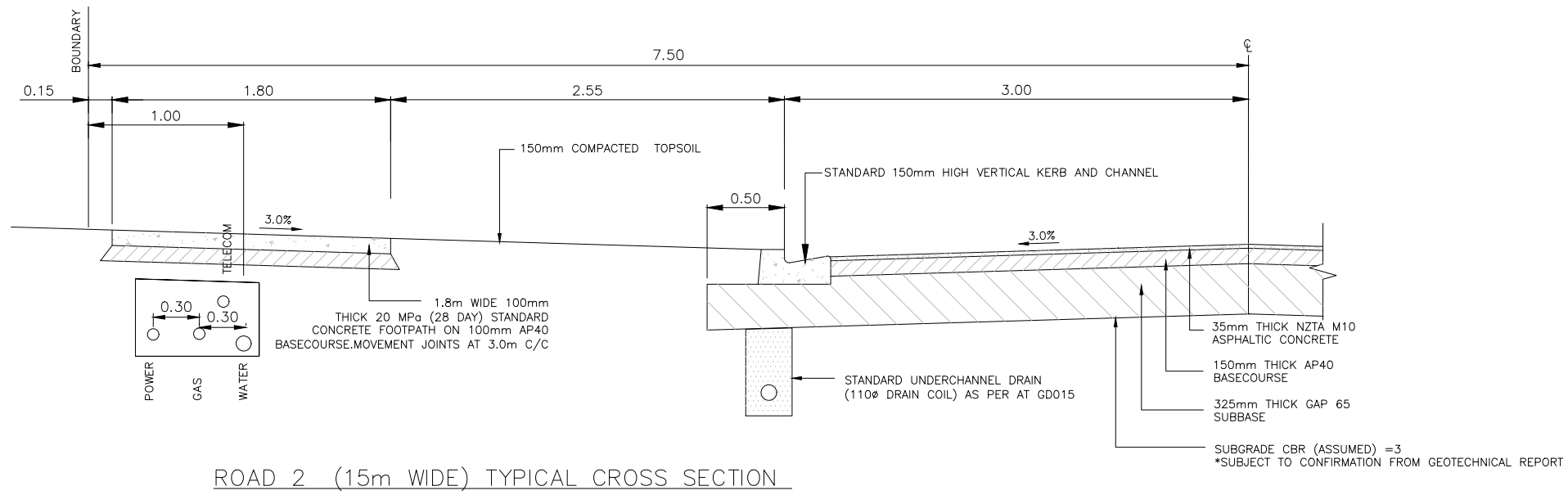
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PROJECT  
**45 CONSTABLE ROAD WAIUKU STAGE 2**

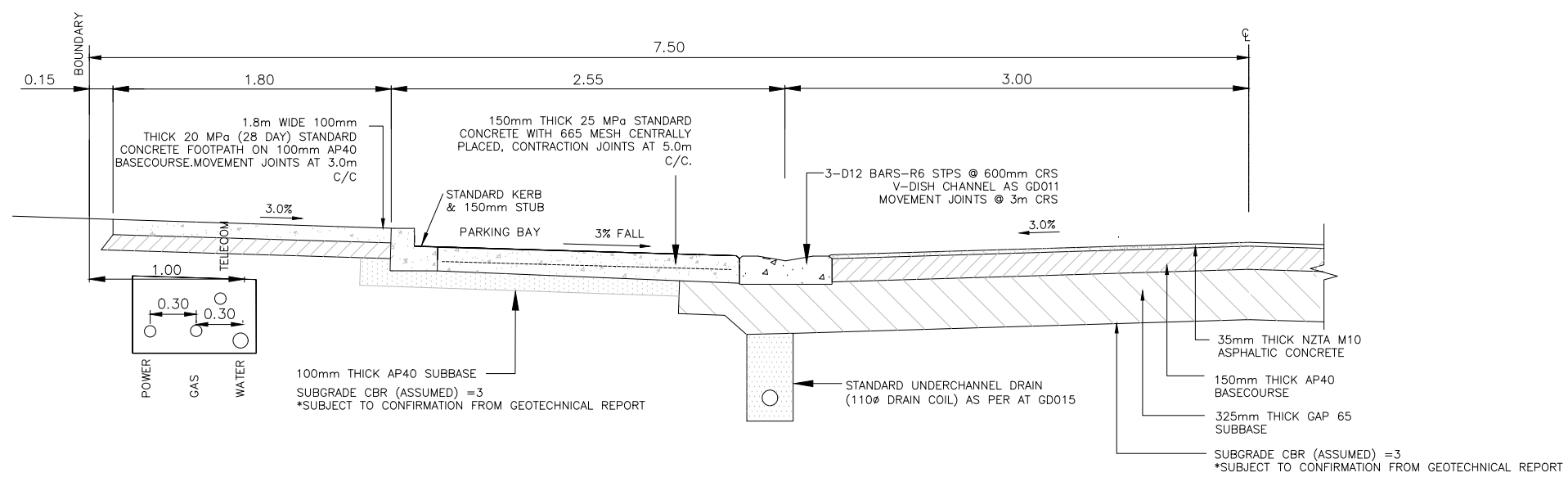
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DATE	APRIL 2019	SCALE	A1 1:500
DRAWN	SH		A3 1:1000
DESIGNED	SH		
PROJECT No	1231	DRAWING No	2_C310
		REVISION	A



ROAD 2 (15m WIDE) TYPICAL CROSS SECTION

CONSENT ISSUE



ROAD 2 (15m WIDE) WITH PARKING BAY TYPICAL CROSS SECTION

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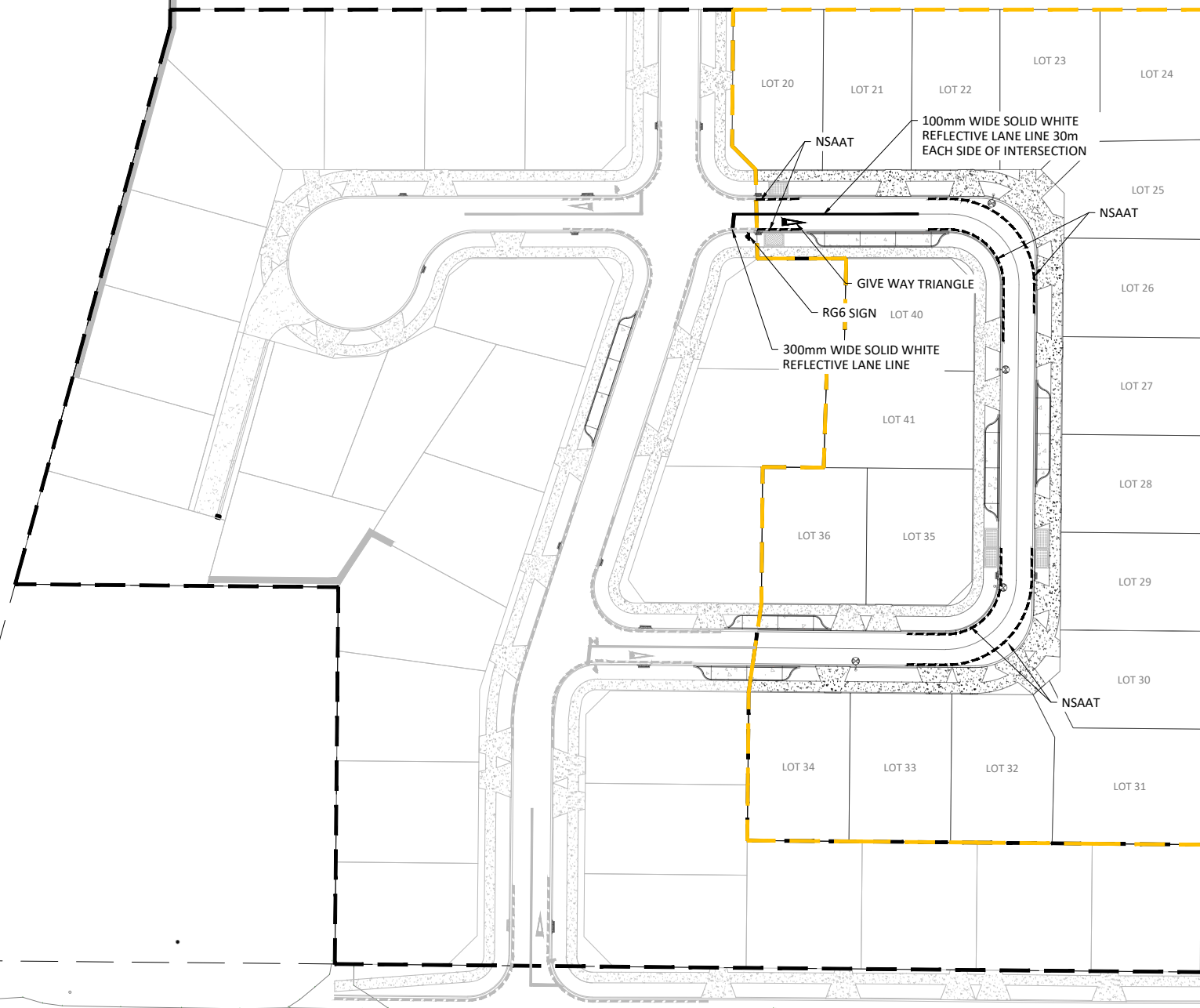
PROJECT  
**45 CONSTABLE ROAD WAIUKU STAGE 2**

TITLE  
**ROAD 2 (15M WIDE) TYPICAL CROSS SECTIONS**

DATE	APRIL 2019	SCALE
DRAWN	SH	A1 1:20
DESIGNED	SH	A3 1:40
PROJECT No	1231	DRAWING No
		2_C320
		REVISION
		A

LEGEND

- PR LOT BOUNDARIES
- EX LOT BOUNDARIES
- - - STAGE 1 BOUNDARY
- - - STAGE 2 BOUNDARY



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PROJECT  
**45 CONSTABLE ROAD WAIUKU STAGE 2**

TITLE  
**ROAD MARKING PLAN**

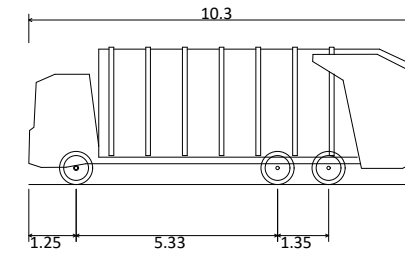
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23/05/2019

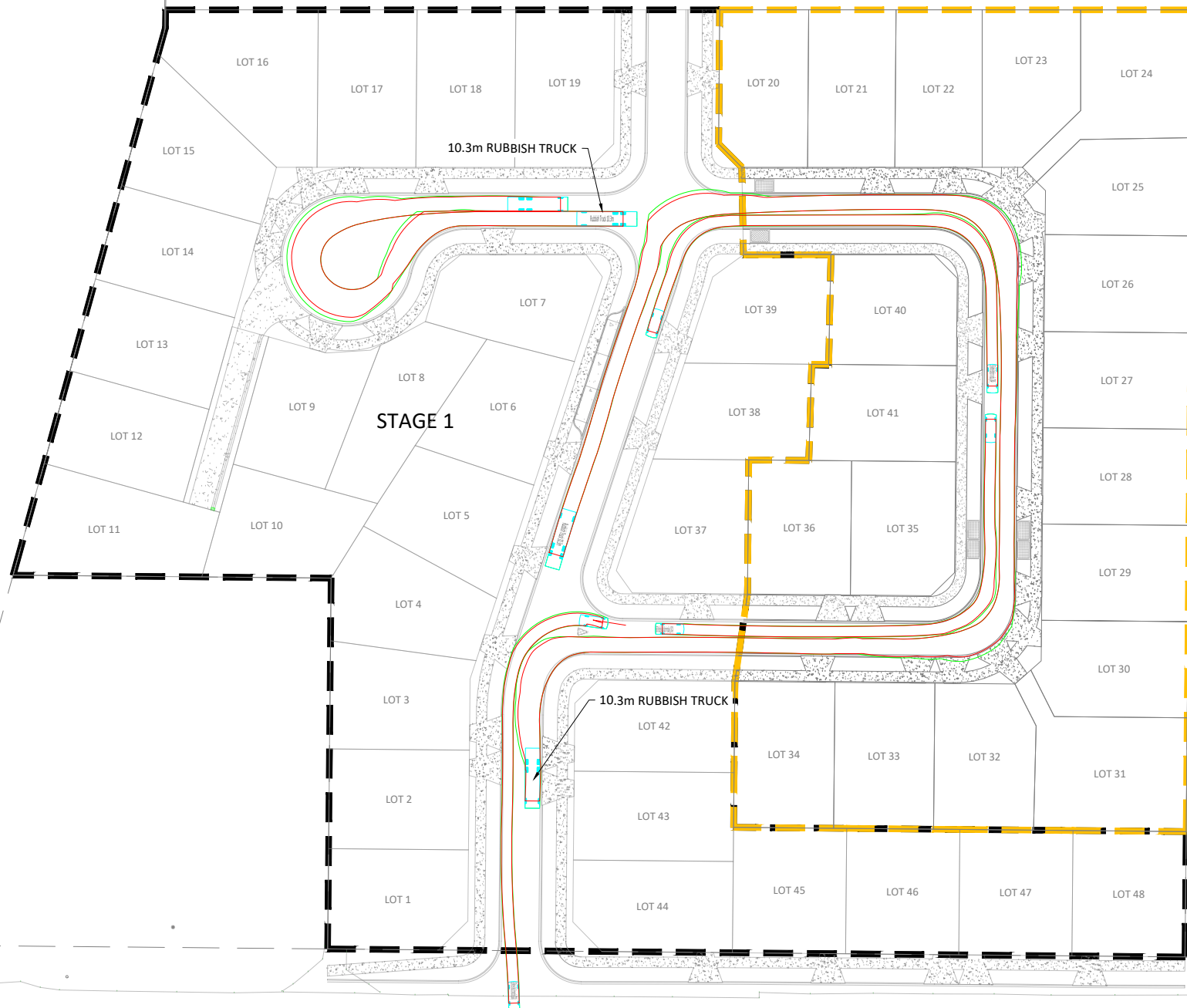
LEGEND

- STAGE 2 BOUNDARY
- STAGE 1 BOUNDARY



Rubbish Truck 10.3m  
Overall Length  
Overall Width  
Overall Body Height  
Min Body Ground Clearance  
Track Width  
Lock-to-lock time  
Max Steering Angle (Virtual)

10.300m  
2.500m  
3.632m  
0.427m  
2.500m  
6.00s  
47.00°



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**PROJECT**  
**45 CONSTABLE ROAD WAIUKU STAGE 2**

**TITLE**  
**10.3M TRUCK TRACKING PLAN**

DATE	APRIL 2019	SCALE
DRAWN	SH	A1 1:500
DESIGNED	SH	A3 1:1000
PROJECT No	1231	DRAWING No 2_C350
		REVISION A

23/05/2019

STAGE 1 BOUNDARY  
STAGE 2 BOUNDARY

- SW EXISTING STORMWATER
- SS EXISTING WASTEWATER
- W EXISTING WATER
- SW STAGE 1 STORMWATER
- SS STAGE 1 WASTEWATER
- SW PROPOSED STORMWATER
- SS PROPOSED WASTEWATER
- PROP SW CONNECTION
- PROP WW CONNECTION
- PROPOSED CATCHPIT

- NOTES:
- ALL WORK, DESIGN AND MATERIALS TO COMPLY WITH THE LATEST WATERCARE ENGINEERING STANDARDS.
  - ALL WASTEWATER PIPES SHALL BE 150Ø uPVC SN16 UNLESS SHOWN OTHERWISE.
  - ALL WASTEWATER MANHOLES TO BE FITTED WITH STAINLESS STEEL SAFETY GRILLES IN ACCORDANCE WITH WSL Std Dwg WW-40.
  - ALL SEWER PIPES AND MANHOLES TO COMPLY WITH WATERCARE'S MATERIAL SUPPLY STANDARDS.
  - APPROVED HARDFILL SHALL BE USED WHEN BACKFILLING ALL ROAD CROSSINGS.
  - CLEARANCE BETWEEN THE STORMWATER AND WASTEWATER PIPES LESS THAN 300mm POLYSTYRENE PACKS SHOULD BE USED.
  - ALL WASTEWATER AND STORMWATER LOT CONNECTIONS TO BE 100mm uPVC.
  - ALL STORMWATER CATCHPIT LEADS ARE 225mm Ø RCRRJ CLASS 4.
  - EXISTING SERVICE LOCATIONS ARE APPROXIMATE ONLY.

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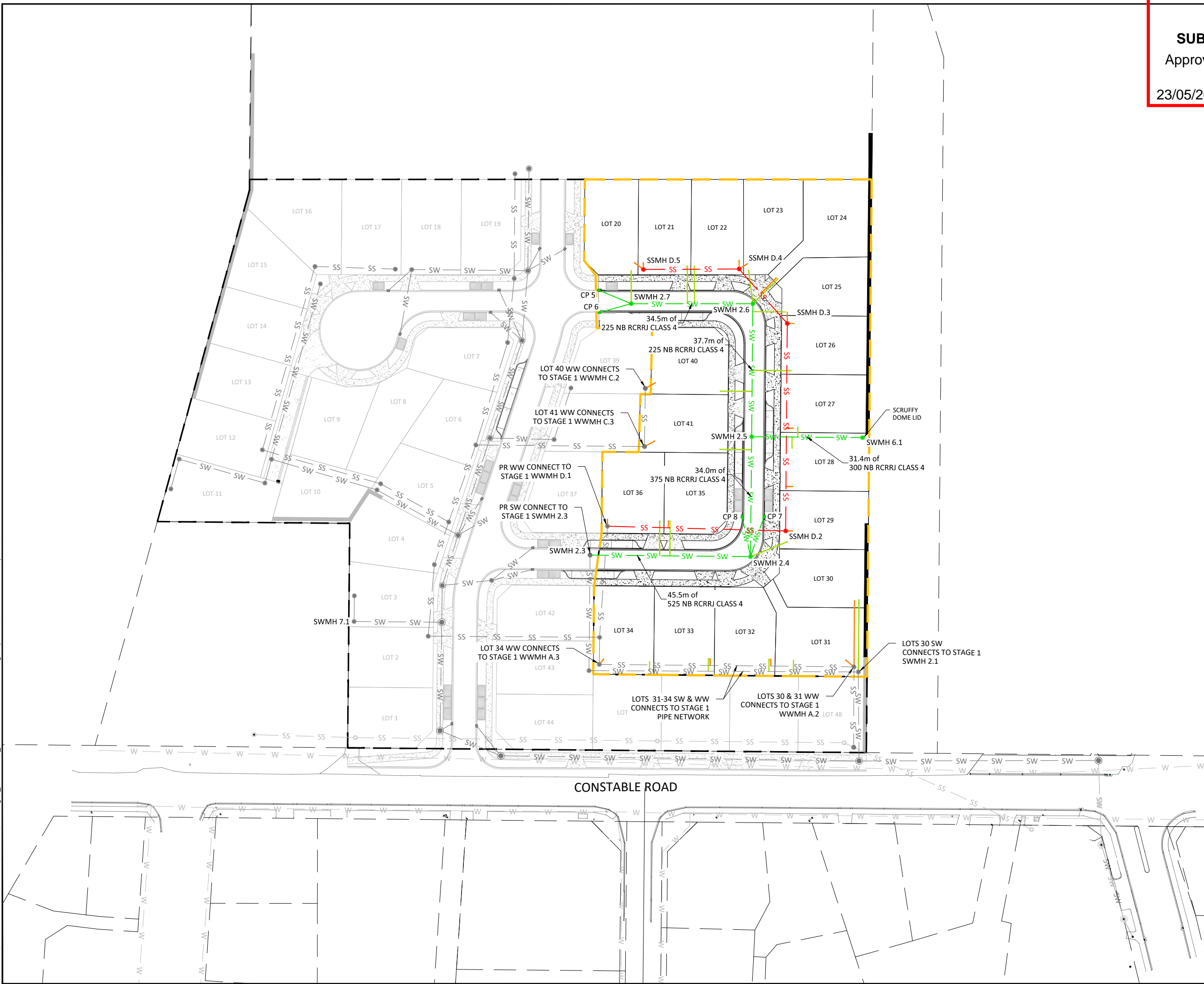
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PROJECT  
**45 CONSTABLE ROAD WAIUKU STAGE 2**

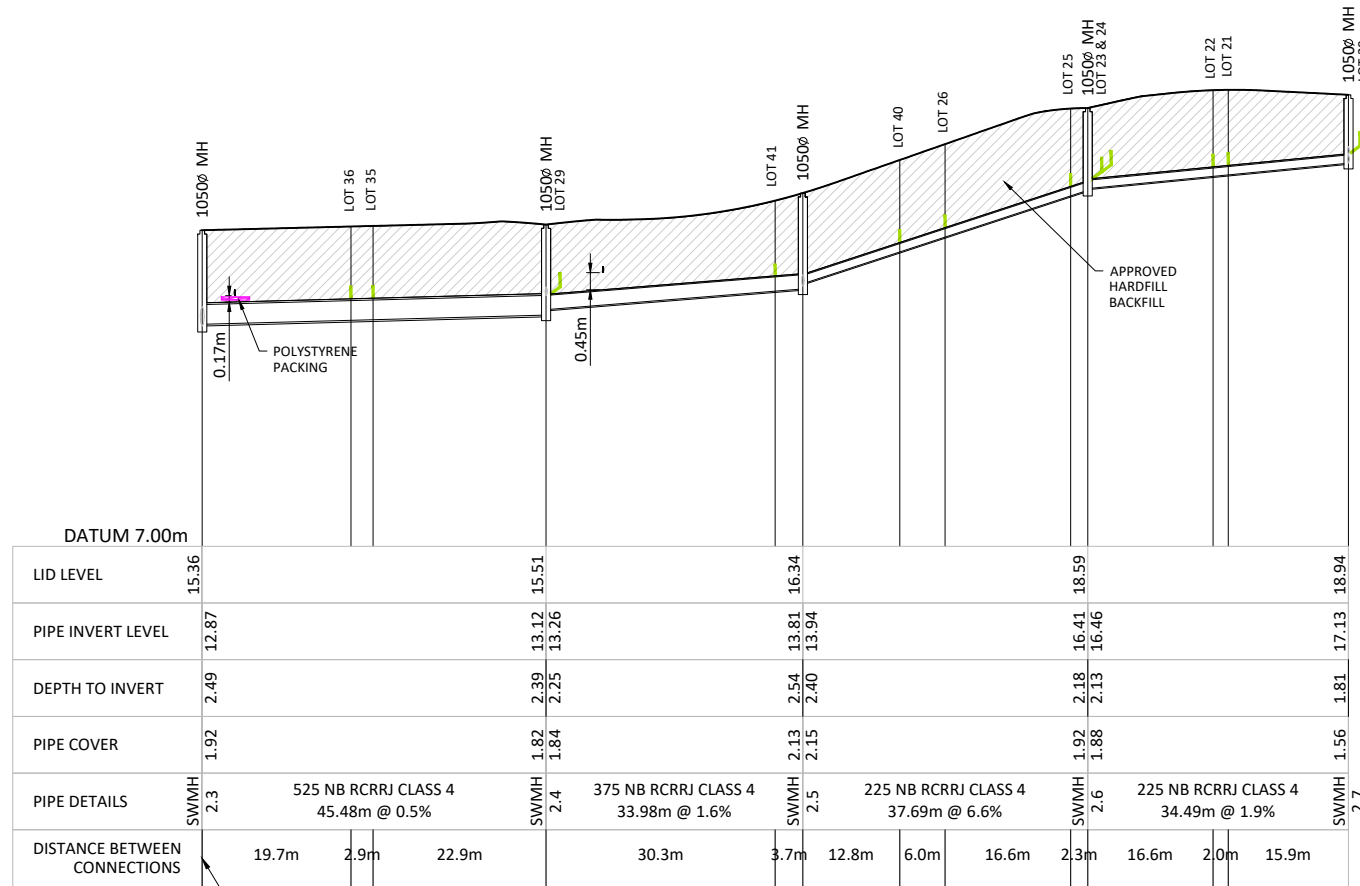
TITLE  
**DRAINAGE PLAN**

DATE	APRIL 2019	SCALE	A1 1:500
DRAWN	SH	A3 1:1000	
DESIGNED	SH	REVISION	A
PROJECT No	1231	DRAWING No	2_C400

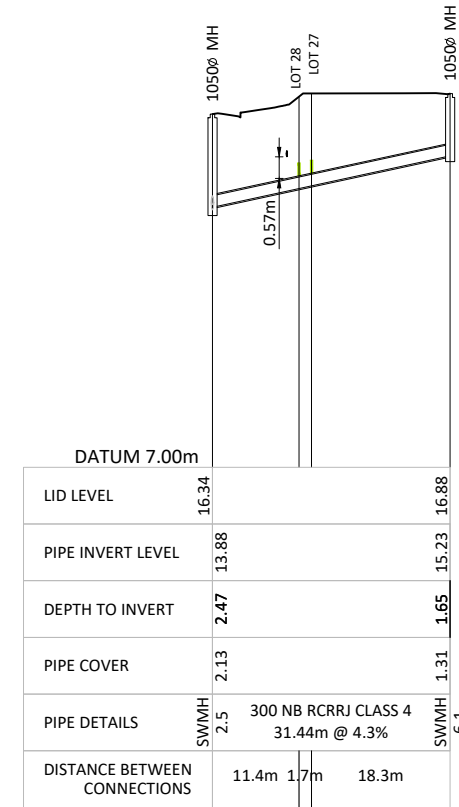
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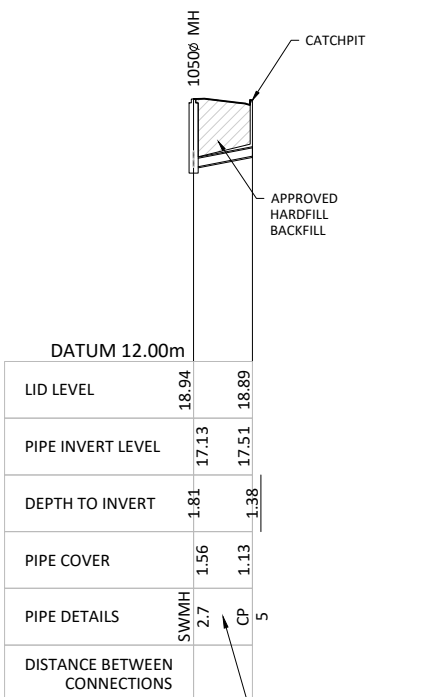
CONSTABLE ROAD



CL- SW 2  
SCALE 1H:5V

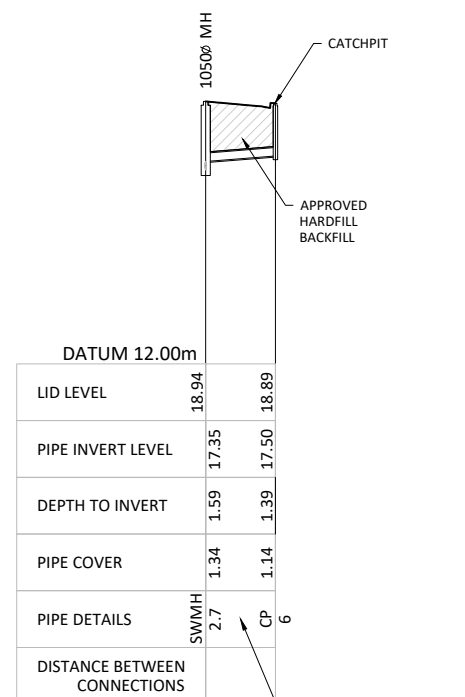


CL- SW 6  
SCALE 1H:5V



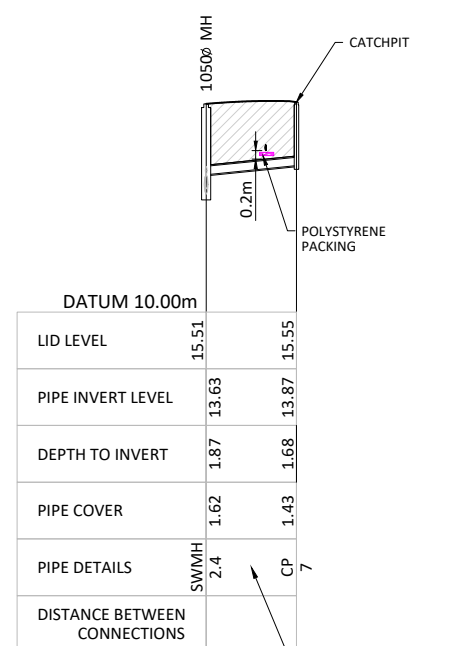
CL- CP5  
SCALE 1H:5V

225 NB RCRRJ CLASS 4  
10.01m @ 3.8%



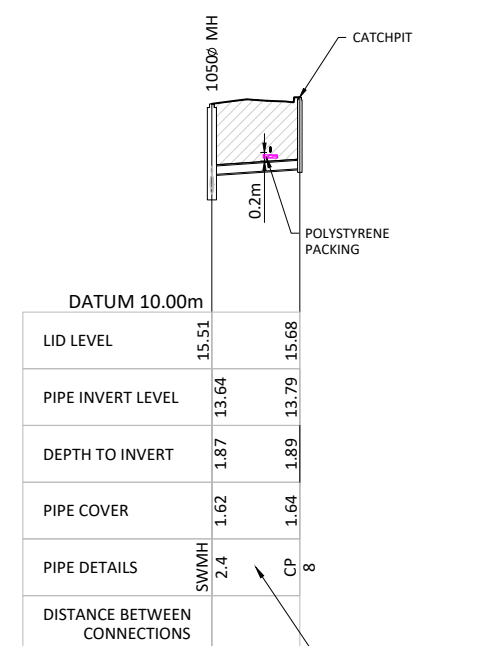
CL- CP6  
SCALE 1H:5V

225 NB RCRRJ CLASS 4  
9.22m @ 1.6%



CL- CP7  
SCALE 1H:5V

225 NB RCRRJ CLASS 4  
11.95m @ 2.0%



CL- CP8  
SCALE 1H:5V

225 NB RCRRJ CLASS 4  
11.63m @ 1.4%

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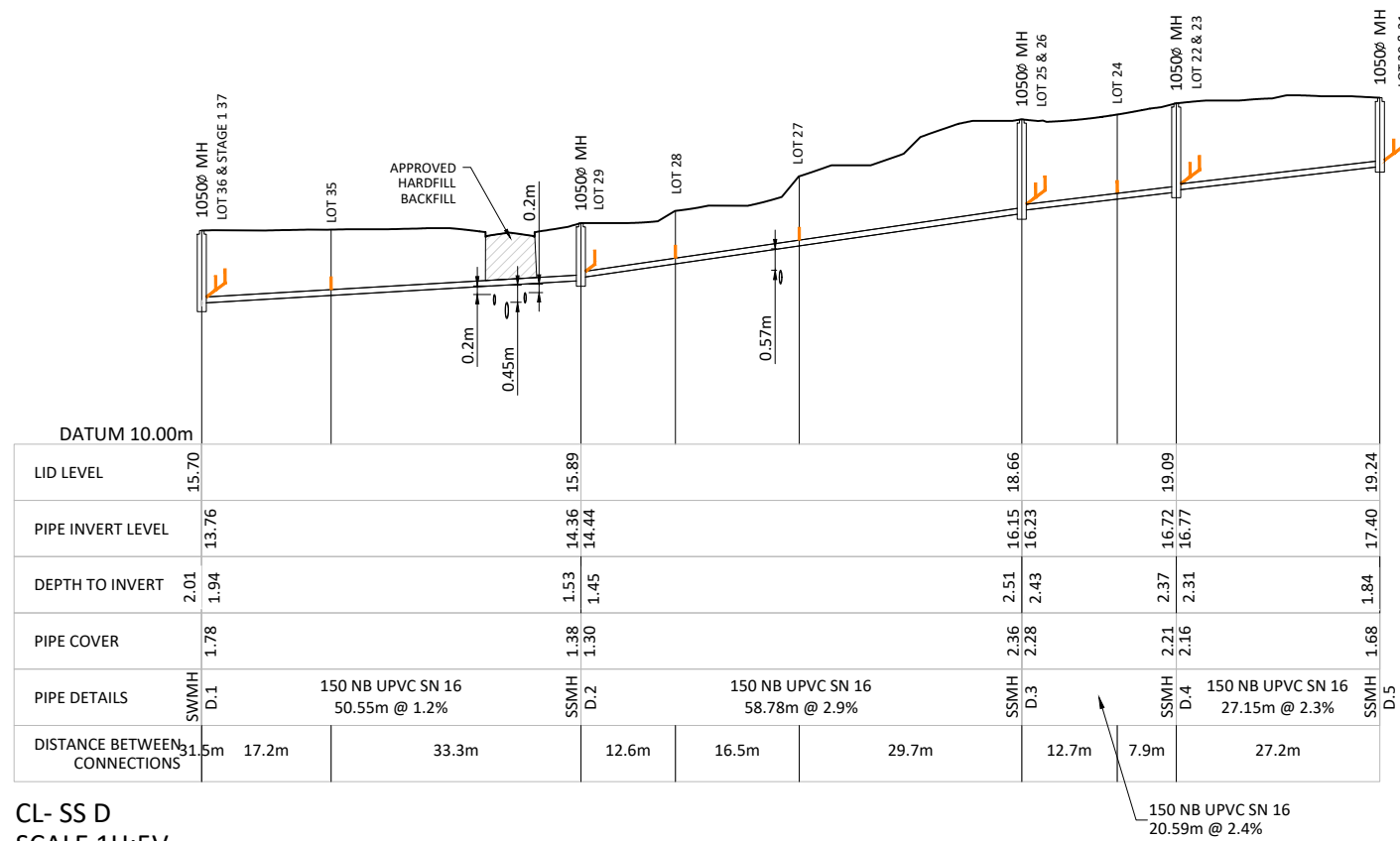
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PROJECT  
**45 CONSTABLE ROAD WAIUKU STAGE 2**

TITLE  
**STORMWATER LONGSECTIONS SHEET 1**

DATE	APRIL 2019	SCALE
DRAWN	SH	A1 1:500
DESIGNED	SH	A3 1:1000
PROJECT No	1231	DRAWING No
		2_C401
		REVISION
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CL- SS D  
SCALE 1H:5V

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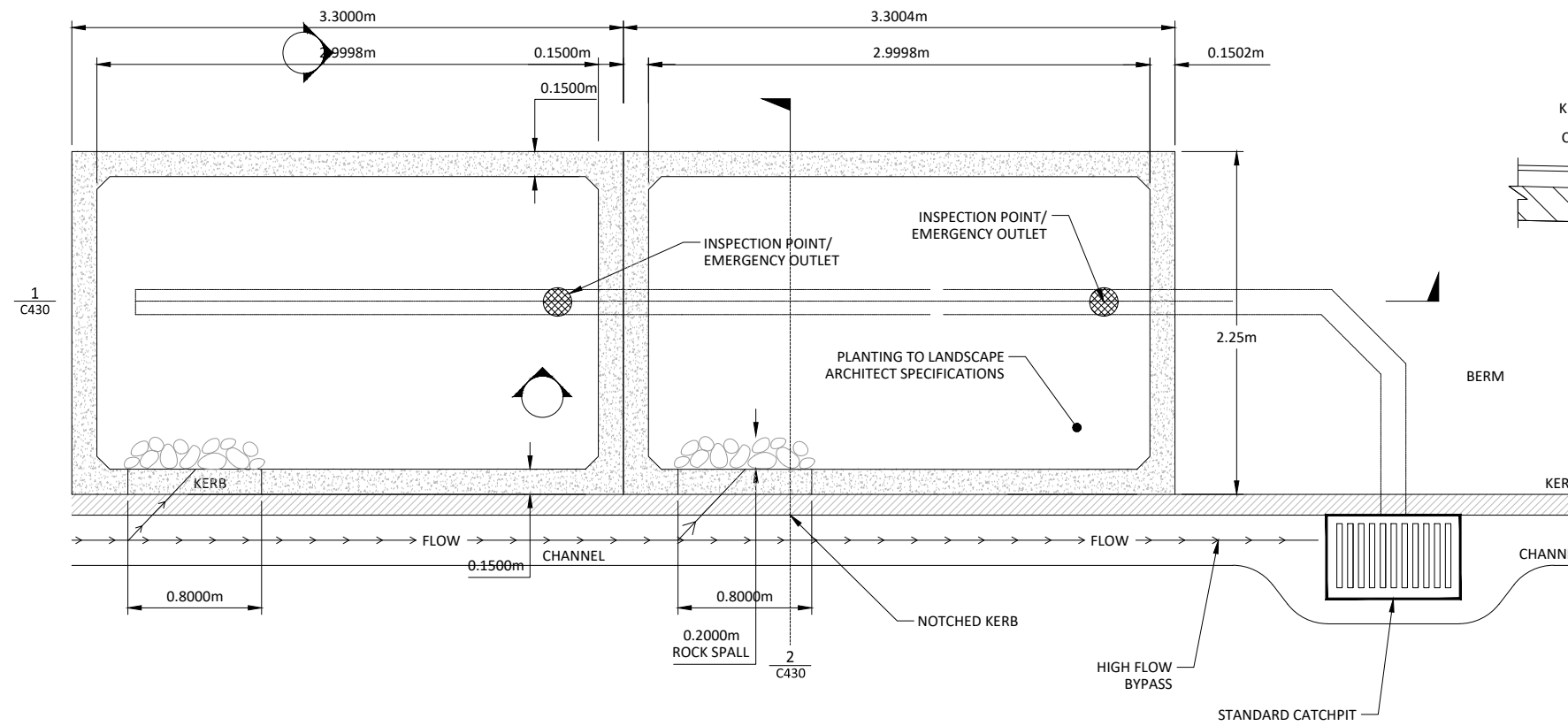
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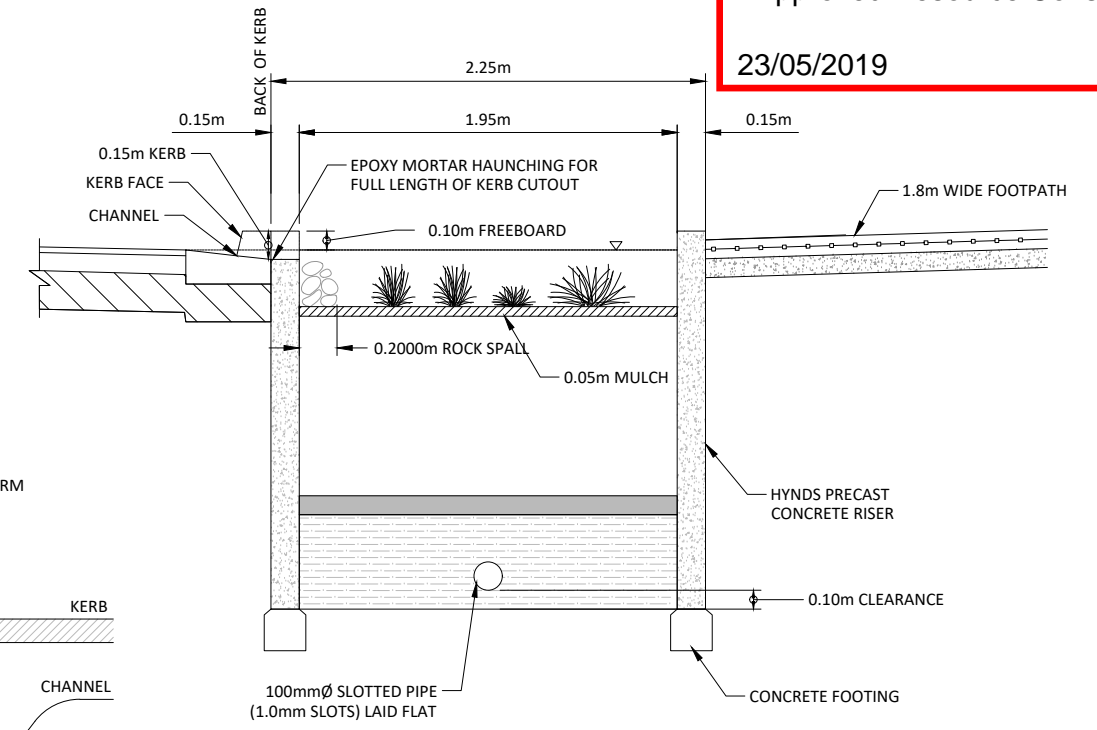
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**45 CONSTABLE ROAD WAIUKU STAGE 2**

TITLE  
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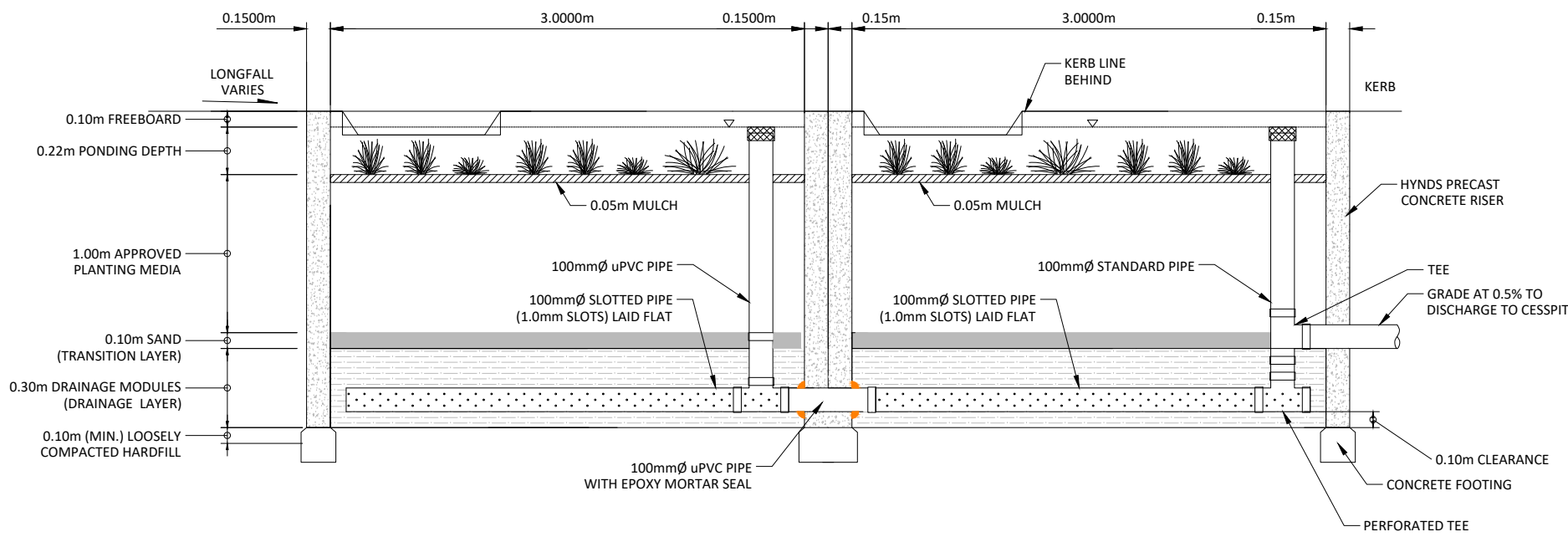
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DRAWN SH	A3 1:1000
DESIGNED SH	REVISION A
PROJECT No 1231	DRAWING No 2_C402



RAINGARDEN PLAN VIEW



ROADSIDE RAINGARDEN  
TYPICAL CROSS SECTION



ROADSIDE RAINGARDEN  
LONGITUDINAL SECTION

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PROJECT  
**45 CONSTABLE ROAD WAIUKU STAGE 2**

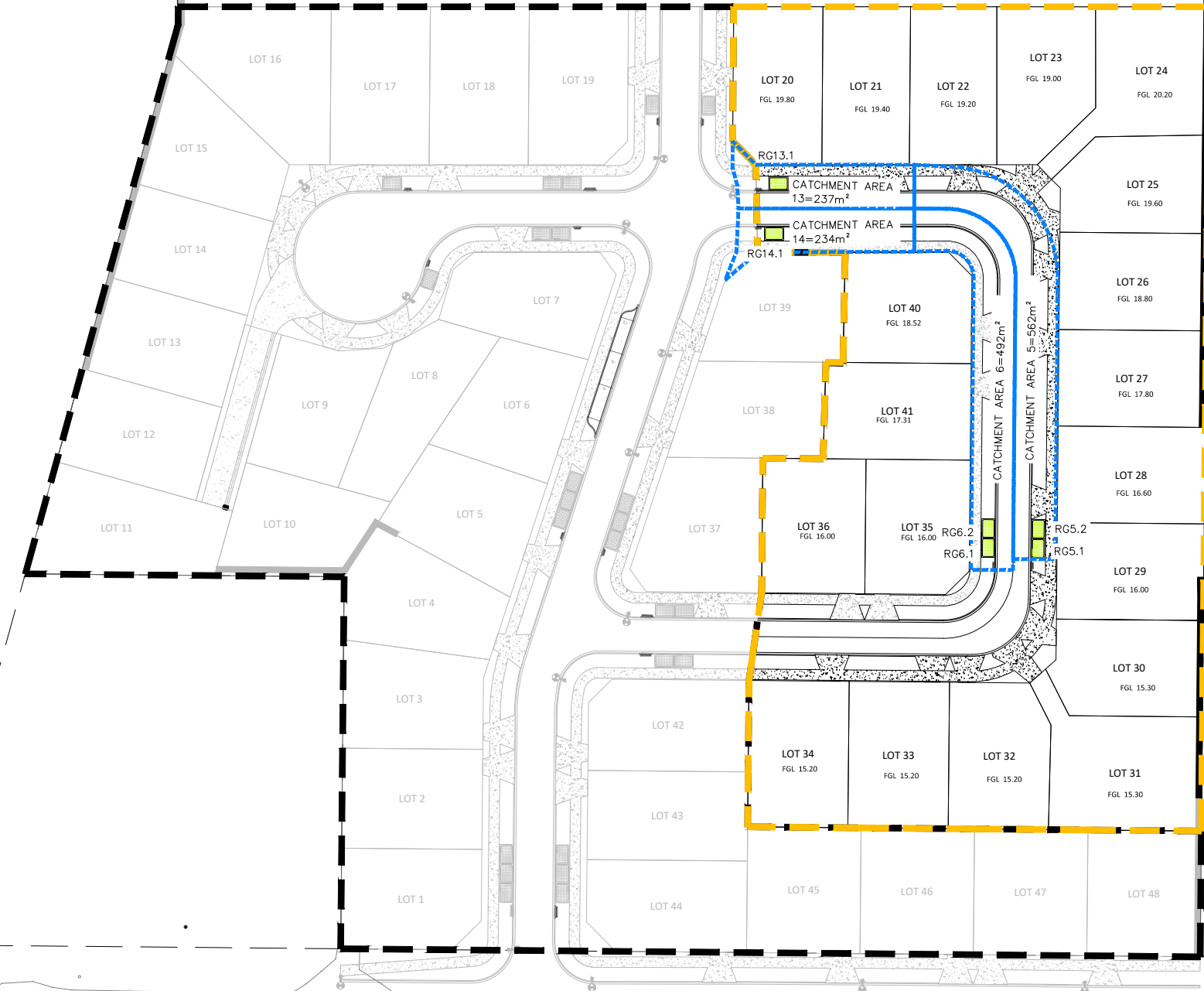
TITLE  
**RAIN GARDEN DETAILS**

DATE	APRIL 2019	SCALE	A1 1:20
DRAWN	SH	A3 1:40	
DESIGNED	SH	REVISION	A
PROJECT No	1231	DRAWING No	2_C430

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**LEGEND**

- PR LOT BOUNDARIES
- EX LOT BOUNDARIES
- STAGE 1 BOUNDARY
- STAGE 1 BOUNDARY
- PR CONCRETE FOOTPATH
- PR RAIN GARDEN



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**PROJECT**  
**45 CONSTABLE ROAD WAIUKU STAGE 2**

**TITLE**  
**RAIN GARDEN CATCHMENT PLAN**

DATE	APRIL 2019	SCALE
DRAWN	SH	A1 1:500
DESIGNED	SH	A3 1:1000
PROJECT No	1231	DRAWING No
		2_C440
		REVISION
		A

**LEGEND**

- PR LOT BOUNDARIES
- EX LOT BOUNDARIES
- STAGE 2 BOUNDARY
- STAGE 1 BOUNDARY
- PROPOSED WATERMAIN SUPPLY
- PROPOSED RIDERMAIN SUPPLY
- EXISTING WATERMAIN SUPPLY
- STAGE 1 WATERMAIN SUPPLY

**NOTES:**

- ALL WORKS AND MATERIALS TO BE IN ACCORDANCE WITH WATERCARE ENGINEERING STANDARDS AND CODE OF PRACTICE
- CONTRACTOR TO LOCATE AND CONFIRM ALL EXISTING SERVICES AND MAINTAIN PROTECTION FOR DURATION OF WORKS
- CONNECTIONS TO LIVE NETWORK TO BE COMPLETED BY WATERCARE NOMINATED CONTRACTOR
- ALL WATERMAIN ROAD AND VEHICLE CROSSINGS TO BE HARDFILL BACKFILL 1.0m EITHER SIDE
- ANCHOR BLOCKS TO BE INSTALLED IN ACCORDANCE WITH WS15, WS16 & WS17
- REFER TO DRAWING C680 & C681 FOR DETAILS

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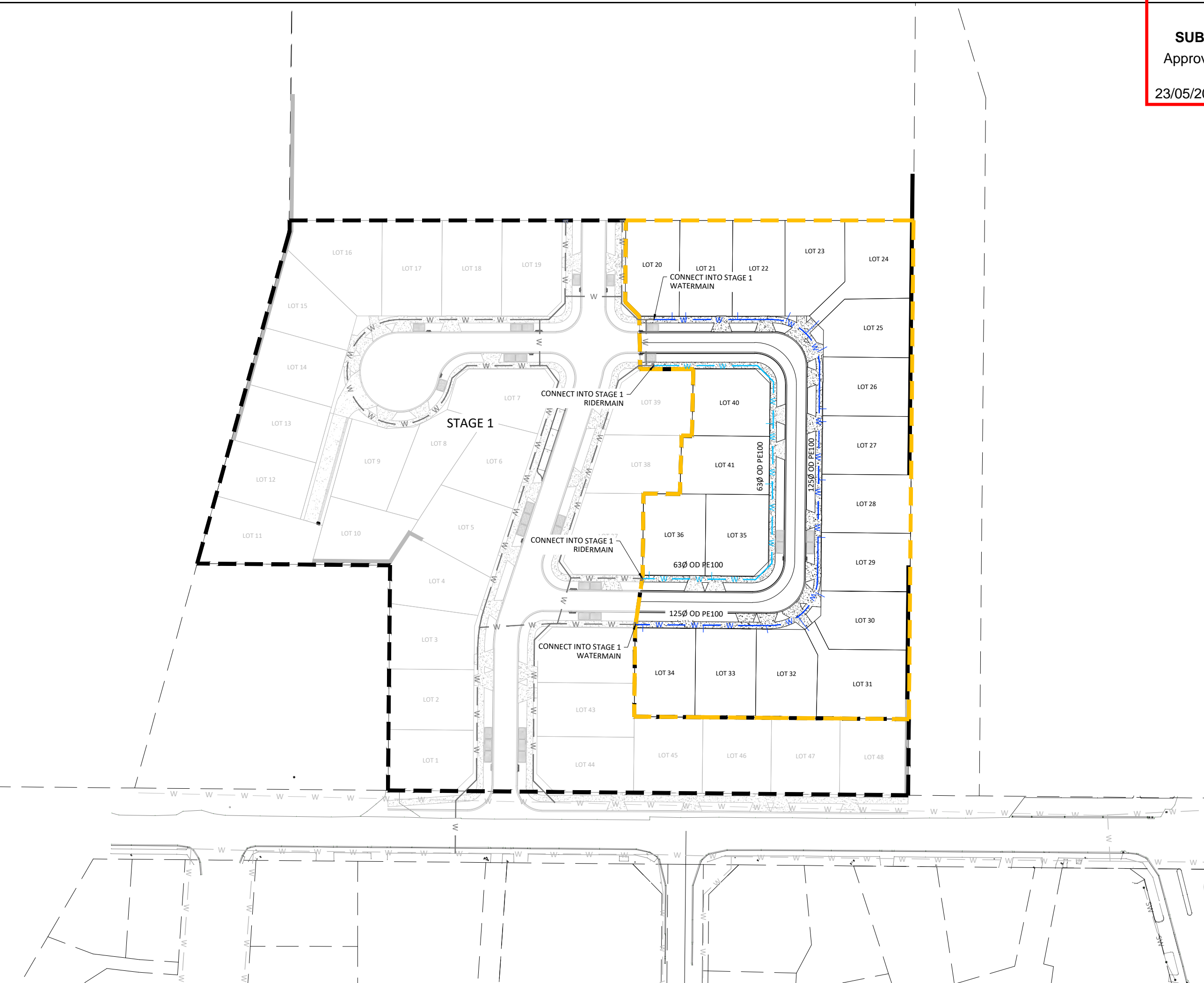
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**PROJECT**  
45 CONSTABLE ROAD  
WAIUKU  
STAGE 2







**TITLE**  
WATER SUPPLY PLAN

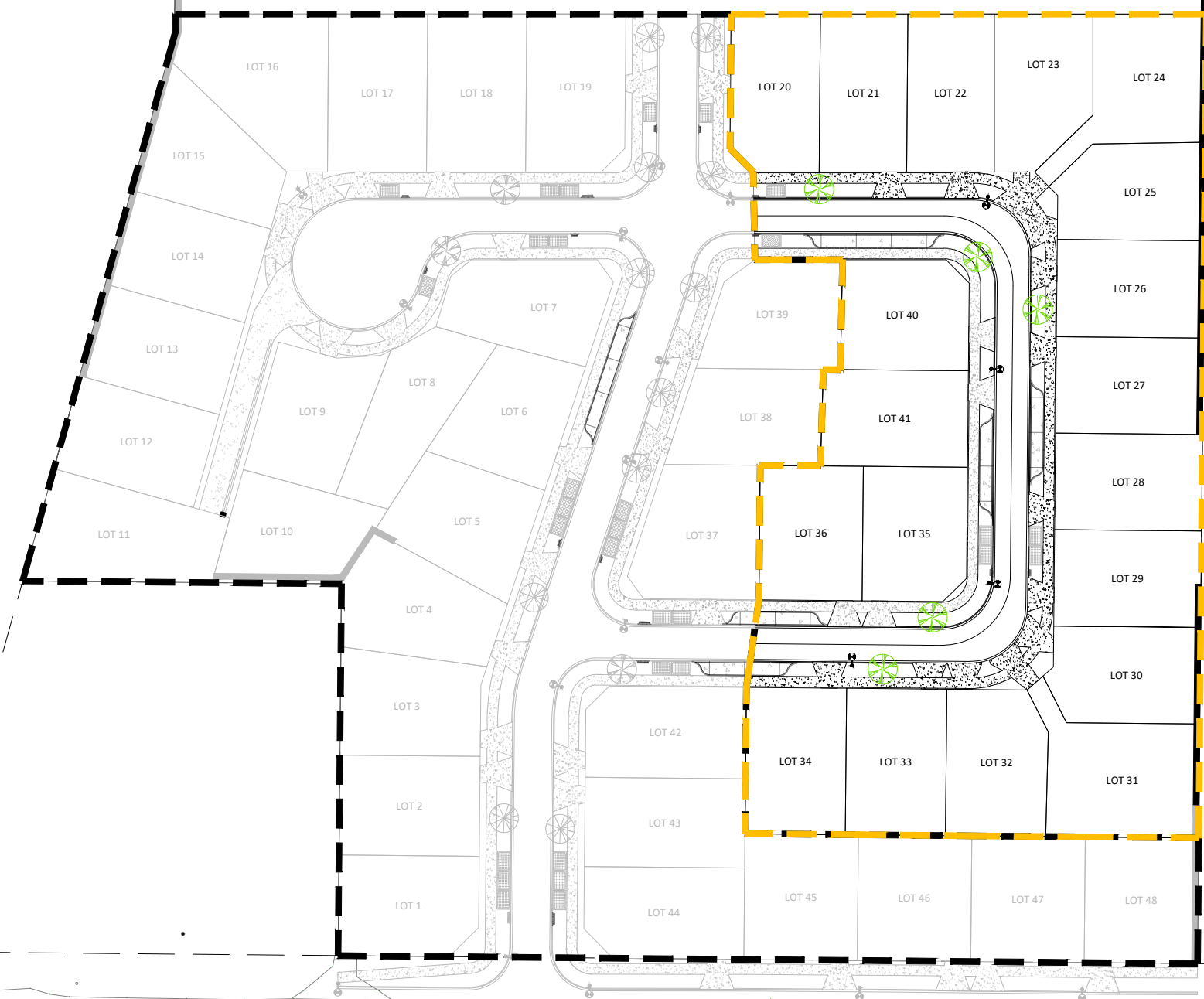
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		2_C600
		REVISION
		A

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LEGEND

-  PR LOT BOUNDARIES
-  EX LOT BOUNDARIES
-  STAGE 1 BOUNDARY
-  STAGE 2 BOUNDARY
-  KERMADEC NIKAU  
RHOPALOSTYLIS CHEESMANI
-  STAGE 1 TREES



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**PROJECT**  
45 CONSTABLE ROAD  
WAIUKU  
STAGE 2

**TITLE**  
STREET TREES PLAN

DATE	APRIL 2019	SCALE	A1 1:500
DRAWN	SH	A3 1:1000	
DESIGNED	SH	REVISION	
PROJECT No	1231	DRAWING No	2_C700
		REVISION	A



**LEGEND**

- PR LOT BOUNDARIES
- EX LOT BOUNDARIES
- STAGE 1 BOUNDARY
- STAGE 2 BOUNDARY
- PROPOSED POWER
- PROPOSED TELECOM
- STAGE 1 POWER
- STAGE 1 TELECOM

NOTES:  
1. POWER AND TELECOM LAYOUT AND CONNECTIONS TO BE CONFIRMED WITH SERVICE PROVIDER

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**CLIENT**  
**POKORUA HOLDINGS LTD**

**PROJECT**  
**45 CONSTABLE ROAD WAIUKU STAGE 2**

**TITLE**  
**SERVICES PLAN**

DATE	APRIL 2019	SCALE	A1 1:500
DRAWN	SH	A3	1:1000
DESIGNED	SH	REVISION	A
PROJECT No	1231	DRAWING No	2_C800

