

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2025/1667

Date: 23 October 2025



MPN
CONSULTING

Civil Engineering Report

Residential Subdivision

Yarrabilba Precinct 4H

Date 17 July 2025

Prepared by **MPN Consulting Pty Ltd**
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Revision Status

MPN Reference No: 10479
Client: Stockland
Site Address: Corner of McKenny Boulevard and Wentland Avenue, Yarrabilba.
Report Title: Civil Engineering Report

Document Control

Version	Date	Author	Reviewer	Approved	RPEQ
DRAFT	11/07/2025	Chirag Kodgule	Shaun Swenson	SS	16906
Issue A	17/07/2025	Chirag Kodgule	Shaun Swenson	<i>SS Swenson</i>	16906



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1 > Executive Summary

This report has been commissioned by Stockland to support the Development Application for the proposed residential subdivision on land located at the corner of McKenny Boulevard and Wentland Avenue, Yarrabilba known as Precinct 4H.

This report addresses the following engineering aspects at the concept design level:

- Topography
- Water
- Sewer
- Roadworks
- Earthworks
- Electricity and Telecommunications
- Gas
- Codes.



2 > Purpose

This Civil Engineering Report has been prepared to support the Development Application for the proposed residential subdivision on land located at the corner of McKenny Boulevard and Wentland Avenue, Yarrabilba known as Precinct 4H.

3 > Introduction

3.1 Project Description

The current proposal involves the construction of 140 lot residential subdivision, local recreation park and balance lot for future childcare centre along with the associated road network, site servicing, and stormwater quality treatment system.

The site will be graded to ensure the proposed lots can be adequately serviced for, water, sewer, and stormwater and connect to the surrounding infrastructure networks.

The new development will be accessed off Wentland Avenue via new left in/left out constructed as a driveway crossover due to existing services, and a new intersection with McKenny Boulevard to the northern end of the subdivision. A new internal road network will be constructed to provide access to the new residential allotments inclusive of the future childcare balance lot.

The proposed left in/ left out crossover arrangement, new intersection with McKenny Boulevard and new internal road network will be in accordance with EDQ / Logan City Council requirements.

The proposed residential subdivision is depicted on the lot layout plan prepared by RPS Group attached in Appendix A, with excerpt below.



Figure 1 – Site Layout Plan



4 > Site Characteristics

4.1 Site Location

The site is formally identified as Lot 6051 on SP338331.

The site fronts Wentland Avenue to the South, McKenny Boulevard to the East & Linear open space to the North and West.



Figure 2 – Site Location



4.2 Topography and Existing Site Drainage

The site is currently vacant with sparse grass cover. Earthworks were previously constructed over the development site as part of the masterplan works. The northern and western boundaries of the site adjoin existing open space, while an existing sediment basin is situated to the north.

The site generally slopes from the south-eastern corner to north-western corner from a high RL of 37m AHD at the southern boundary of the site to a low RL of 32m AHD at the northern boundary of the site with slope of approx. 1.9%.

Stormwater runoff from the site sheet flows across the site into the open space to the west and north of the site.

5 > Site Data

Site data has been obtained from the following sources of information:

- Bureau of Meteorology (BOM)
- Before You Dig Australia (BYDA)
- Discussions with relevant authorities
- Survey plans
- Logan City Council (LCC)
- Relevant reports
- Satellite imagery.
- As Constructed Plans



6 > Stormwater

The proposed development will require the construction of a new pit and pipe network within the new roadways to capture runoff from the new open space, residential dwellings and road network.

Minor flows from the development will be piped to the new stormwater treatment system at the northern end of the development. Major flows will be conveyed along the roadways, laneways and through the parks prior to discharge to the linear park areas to the west and north of the residential allotments.

The development has been graded to ensure all runoff can be conveyed through the site without impacts to the residential allotments.

There are no external catchments flowing through the new residential allotments, with an external catchment to the south and east being conveyed through a culvert system under Wentland Avenue and McKenny Boulevard respectively. These existing culverts discharge to the linear park areas shown on the subdivision plan to the north and west of the residential allotments.

A site-based Stormwater Quality Management Plan has been prepared by Design Flow for the proposed development and will be lodged under separate cover.

7 > Water Supply

Inspection of the water network from As Constructed plans, Site Survey data and BYDA Plans indicates the following services in the vicinity of the site:

- An existing 375mm dia reticulation water main running along the northern verge of Wentland Avenue.
- An existing 150mm dia reticulation water main running along the eastern verge McKenny Boulevard.

It is proposed to extend the new 150mm dia. water main from the existing 150mm dia. water main in McKenny Boulevard. A secondary connection will be provided to the existing water main in Wentland Avenue. The new water main will be reticulated through the development site along the new internal road network providing property connections to the new lots.

New water meters to service each lot will be installed off the proposed new water mains.

The internal and masterplan water network has been assessed by Stantec with modelling and reporting showing there is sufficient capacity in the existing network to service the proposed residential density.

The existing and proposed water infrastructure in the vicinity of the site is shown on MPN Plan 10479–WR.1.01–WR.1.05 to attached in Appendix B.



8 > Sewer

Inspection of the sewer network from As Constructed Plans, Site Survey data and BYDA Plans indicate the following services in the vicinity of the site:

- An existing 375mm dia. sewer main located at eastern verge of McKenny Boulevard north of the site.
- An existing 375mm dia. sewer main located within the linear open space along the western boundary of the proposed development running south to north.

A new internal sewer network will be constructed along the internal roadways to provide service to the residential allotments. It is proposed to connect the new internal sewer network to the existing 375mm dia. trunk sewer located along the western and northern boundary of the proposed development site. Sewer property connections will be provided from the new sewer main to service the proposed subdivision lots.

The internal and masterplan sewer network has been assessed by Stantec with modelling and reporting showing there is sufficient capacity in the existing network to service the proposed residential density.

The existing and proposed sewer infrastructure in the vicinity of the site is shown on MPN Plan 10479 – SR.1.01–SR.1.05 to attached in Appendix B.



9 > Roadworks

The new development will be accessed off Wentland Avenue via new left in / left out crossover. A crossover rather than a road connection has been proposed due to the existing trunk services running through the northern verge of Wentland Avenue.

A new intersection is proposed with McKenny Boulevard at the northern end of the subdivision. The new intersection will connect to the new internal road network providing access to the proposed residential allotments.

Internal roads within the proposed residential subdivision are proposed to be constructed as modified access local streets with road reserve widths varying from 20.2m to 16.5m.

Laneways will also be constructed within the subdivision to provide rear access to lots minimizing driveway access to the local access streets. Car parking areas have been noted on the subdivision plan to provide additional car parking in addition to the on lot residential parking.

It is understood that external intersection works to McKenny Boulevard will be required to facilitate access to proposed development. These works will be discussed in the Traffic Report prepared by SLR Consulting and will be lodged under separate cover.

All roadworks will be designed and constructed in accordance with the relevant EDQ / Logan City Council and Australian Standards.

The existing and proposed road infrastructure in the vicinity of the site is shown on MPN Plan 10479-CP.1.01-CP.1.05 in Appendix B.

Proposed functional intersection details for the new intersection to service the proposed development is shown on MPN Plan 10479 – ER.1.01 and ER.1.02 in Appendix B.



10 > Earthworks

The proposed development will involve earthworks to construct new roads, allotment pads, local recreation park, balance lot for future childcare site and stormwater basins along with trenching for underground services and utilities.

The design and construction of earthworks will be undertaken in accordance with AS3798 – Guidelines on Earthworks for Commercial and Residential Developments.

The site will be graded to provide a general fall to the west and north in line with the drainage masterplan and site stormwater management strategy.

The lots fronting McKenny boulevard have been set to ensure a level interface for ‘front door access’ with the external verge. The remainder of allotments have pad levels set to interface with the laneways and local access streets whilst ensuring a free drainage and serviced site.

Retaining walls are not proposed as part of the subdivisional earthworks resulting from the site development grading.

Any excavated material not suitable for filling, will be removed from the site and disposed of appropriately in approved fill.

All the filling operations will be completed under Level 1 supervision.

The site is located above RL 5.0m, the development would not be subject to the State Planning Policy July 2017 and consequently there is no requirement for an Acid Sulfate Soil investigation to be undertaken as part of the Development Application.

Preliminary earthworks plans are included in MPN plan 10479 – BE.1.01 – BE.1.05 and BE.2.01 – BE.2.02 attached in Appendix B.

11 > Electricity and Communications

The proposed development will be serviced for electricity and telecommunications from the existing underground infrastructure in Wentland Avenue and McKenny Boulevard. All works will be undertaken in accordance with the appropriate authority and Australian Standards.

The existing NBN and Energex underground infrastructure in the vicinity of the site is shown in the BYDA plans attached in Appendix C and D respectively.



12 > Gas

There are gas mains in close proximity to the site. If gas is required to service the development, APA can be contacted to arrange a connection to the site.

The existing gas underground infrastructure in the vicinity of the site is shown in the BYDA plans attached in Appendix E.



13 > Conclusion

This Civil Engineering Report demonstrates the proposed development will be serviced by sewer, water, electrical, communications and gas services. The connections will be undertaken in accordance with the requirements of the relevant authorities.

It is proposed to extend the new 150mm dia. water main from the existing 150mm dia. water main in McKenny Boulevard. The new water main will be reticulated through the development site along the new internal road network provides property connections to the new lots.

New water meters to service each lot will be installed off the proposed new water mains.

A new internal sewer network will be constructed along the internal roadways to provide service to the residential allotments. It is proposed to connect the new internal sewer network to the existing 375mm dia. trunk sewer located along the western and northern boundary of the proposed development site. Sewer property connections will be provided from the new sewer main to service the proposed subdivision lots.

The new development will be accessed off Wentland Avenue via new left in / left out crossover. A crossover rather than a road connection has been proposed due to the existing trunk services running through the northern verge of Wentland Avenue.

A new intersection is proposed with McKenny Boulevard at the northern end of the subdivision. The new intersection will connect to the new internal road network providing access to the proposed residential allotments.

All roadworks will be designed and constructed in accordance with the relevant EDQ/ Logan City Council and Australian Standards

The proposed development will involve earthworks to construct new roads, allotment pads, local recreation park, balance lot for future childcare site and stormwater basins along with trenching for underground services and utilities.

Retaining walls are not proposed as part of the subdivisional earthworks resulting from the site development grading.

The site is located above RL 5.0m, the development would not be subject to the State Planning Policy July 2017 and consequently there is no requirement for an Acid Sulfate Soil investigation to be undertaken as part of the Development Application

The development will be serviced for electricity and telecommunications from the existing underground infrastructure in Wentland Avenue and McKenny Boulevard.

There are gas mains in close proximity to the site. If gas is required to service the development, APA can be contacted to arrange a connection to the site.



14 > Limitations of Report

MPN have prepared this report to support the Development Application on land located at the corner of McKenny Boulevard and Wentland Avenue, Yarrabilba. This report is provided for the exclusive use of Stockland for this specific project and its requirements. It should not be used by or relied upon by a third party and MPN accepts no responsibility for the use of this report by any party other than Stockland.



Appendix A. Lot Layout

Yield Breakdown

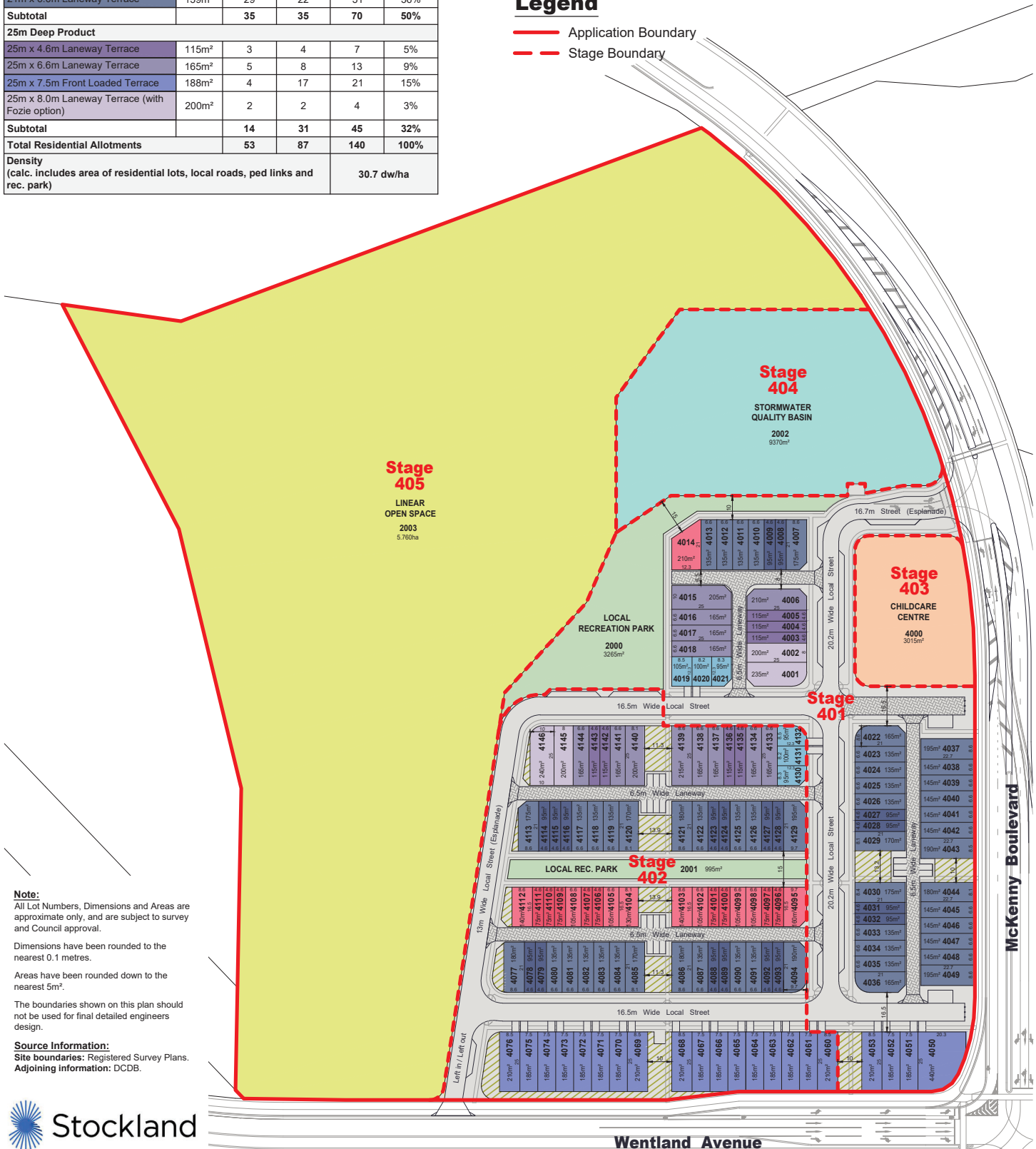
Allotment Typology	Typical Area	Stage 401	Stage 402	Overall	
12m Deep Product					
12m x 8.2m Front Loaded Urban Loft	98m²	3	3	6	4%
Subtotal		3	3	6	4%
16.5m Deep Product					
16.5m x 4.6m Laneway Terrace	76m²	—	9	9	6%
16.5m x 6.6m Laneway Terrace	109m²	1	9	10	7%
Subtotal		1	18	19	14%
21m Deep Product					
21m x 4.6m Laneway Terrace	97m²	6	13	19	14%
21m x 6.6m Laneway Terrace	139m²	29	22	51	36%
Subtotal		35	35	70	50%
25m Deep Product					
25m x 4.6m Laneway Terrace	115m²	3	4	7	5%
25m x 6.6m Laneway Terrace	165m²	5	8	13	9%
25m x 7.5m Front Loaded Terrace	188m²	4	17	21	15%
25m x 8.0m Laneway Terrace (with Fozie option)	200m²	2	2	4	3%
Subtotal		14	31	45	32%
Total Residential Allotments		53	87	140	100%
Density (calc. includes area of residential lots, local roads, ped links and rec. park)				30.7 dw/ha	

Land Budget

Land Use	Stage 401	Stage 402	Stage 403	Stage 404	Stage 405	Overall	
Childcare Centre	—	—	0.302 ha	—	—	0.302 ha	2.6%
Residential Allotments	0.836 ha	1.232 ha	—	—	—	2.068 ha	17.9%
Local Roads	1.023 ha	0.817 ha	—	—	—	1.840 ha	15.9%
Pedestrian Links / Widened Road Reserve for Planting	0.061 ha	0.162 ha	—	—	—	0.223 ha	1.9%
Local Recreation Park	0.327 ha	0.099 ha	—	—	—	0.426 ha	3.7%
Drainage Open Space	—	—	—	0.927 ha	—	0.927 ha	8.0%
Linear Open Space	—	—	—	—	5.764 ha	5.764 ha	49.9%
Total	2.247 ha	2.310 ha	0.302 ha	0.927 ha	5.764 ha	11.550 ha	100.0%

Legend

- Application Boundary
- Stage Boundary



Note:
All Lot Numbers, Dimensions and Areas are approximate only, and are subject to survey and Council approval.

Dimensions have been rounded to the nearest 0.1 metres.

Areas have been rounded down to the nearest 5m².

The boundaries shown on this plan should not be used for final detailed engineers design.

Source Information:

Site boundaries: Registered Survey Plans.
Adjoining information: DCDB.



PLAN REF: 150827 - 36

Rev No: -

DATE: 17 July 2025

CLIENT: Stockland

DRAWN BY: BM / MM

CHECKED BY: BM / PE



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YARRABILBA PRECINCT 4 - APPLICATION 8 PLAN OF SUBDIVISION

URBAN DESIGN
Level 8
31 Duncan Street
PO Box 1559
Fortitude Valley QLD 4006
T +61 7 3639 9500
W rpsgroup.com

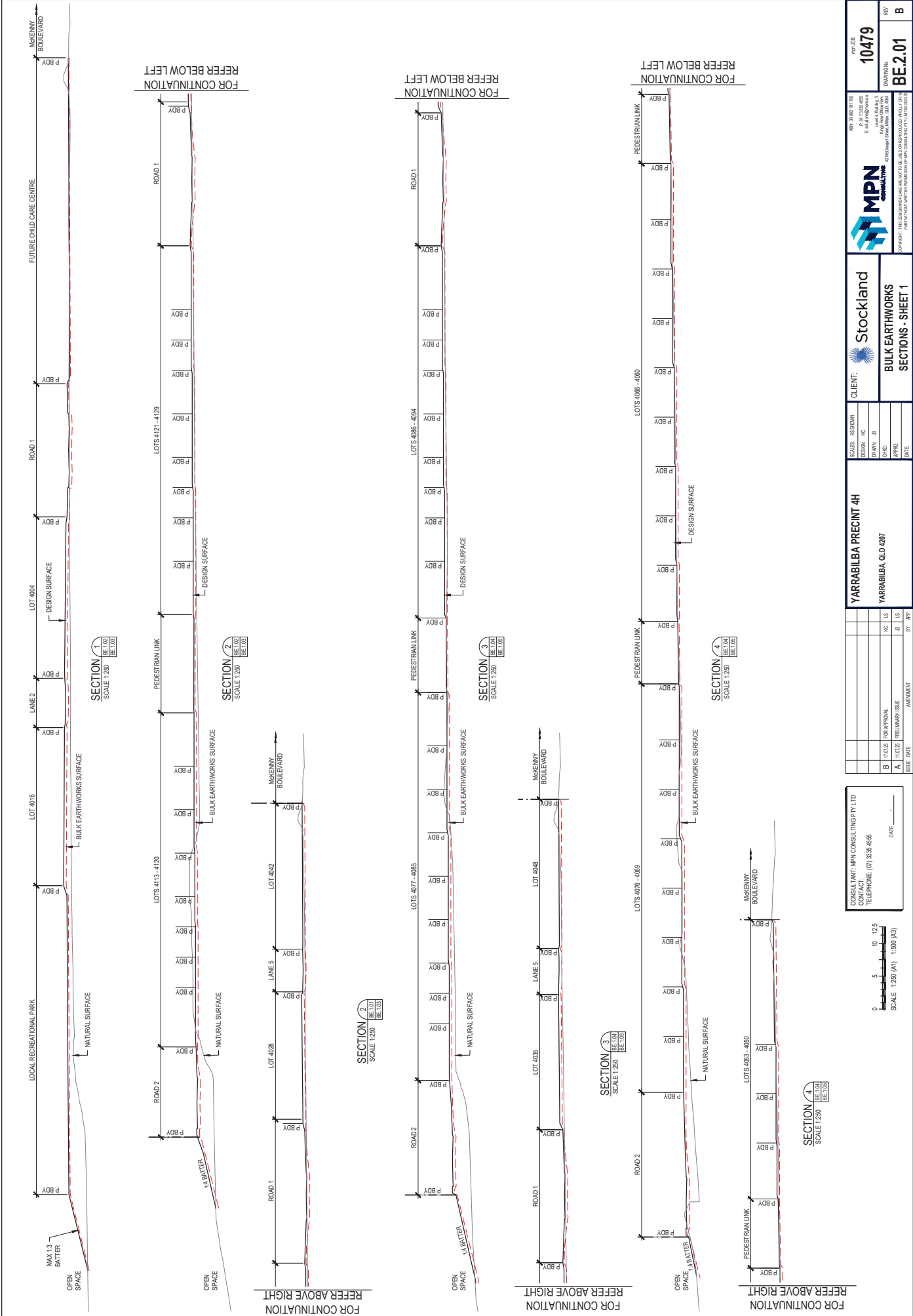
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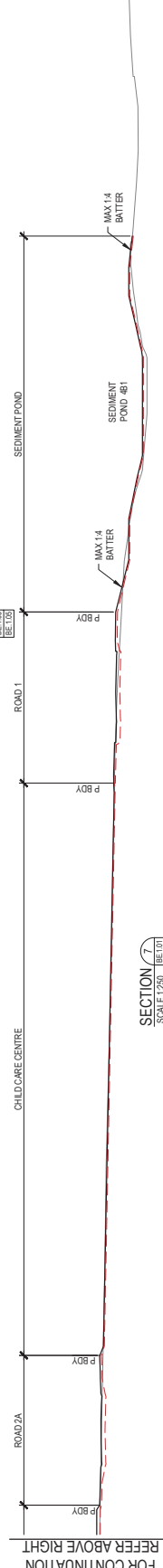
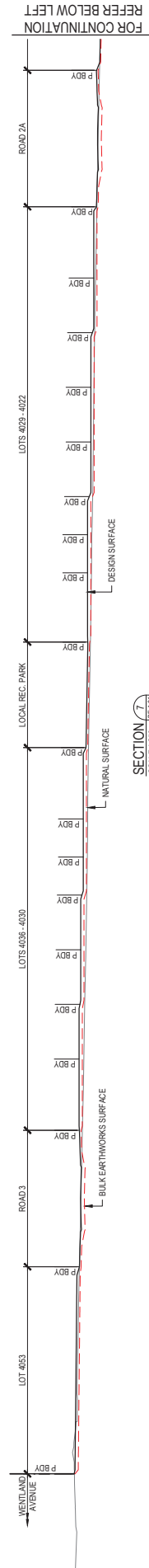
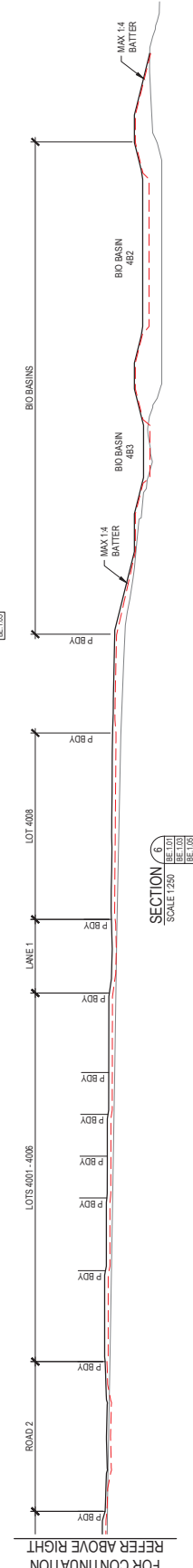
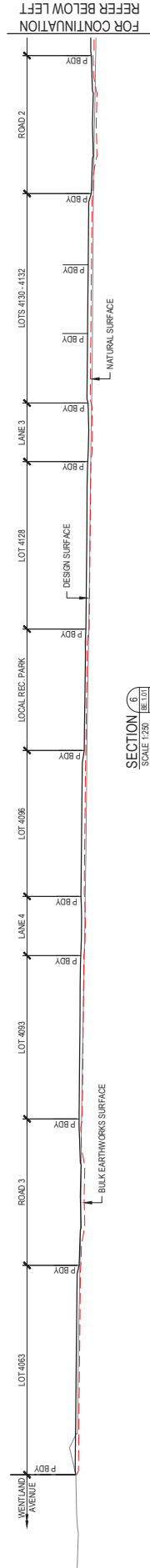
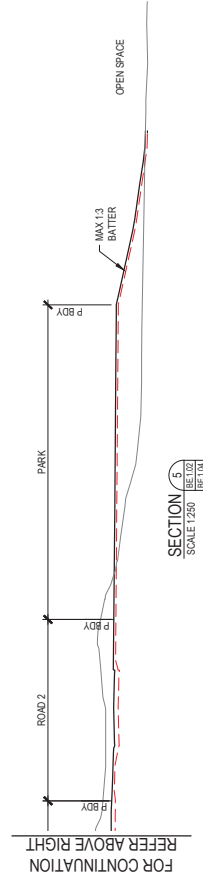
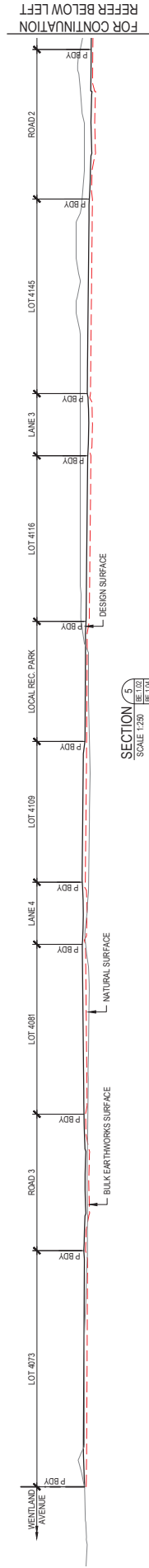
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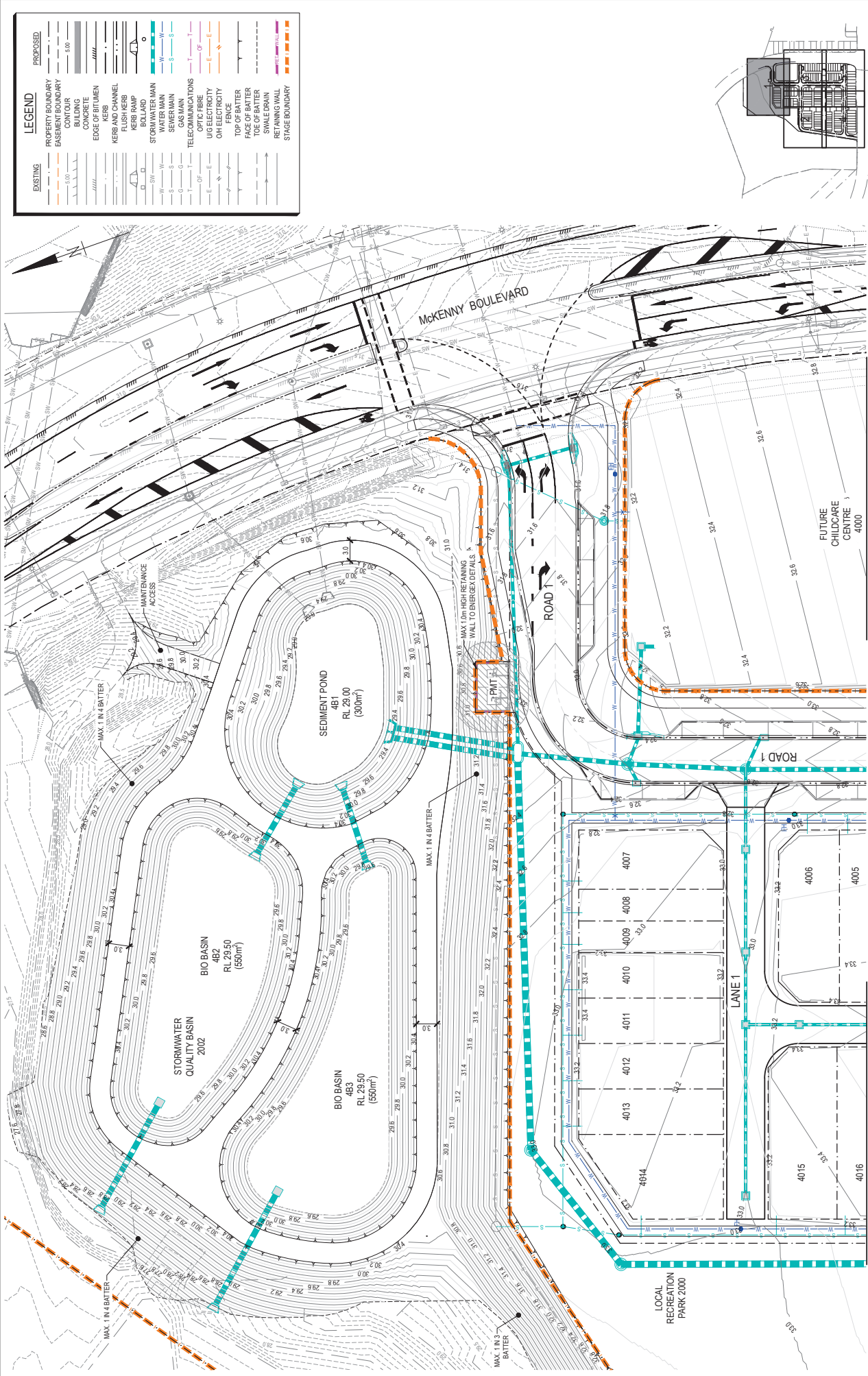
Appendix B. MPN Plans





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FOR CONTINUATION REFER DWG NO. CP.1.02

LOCAL RECREATION PARK 2000

FOR CONTINUATION REFER DWG NO. CP.1.03

YARRABILLA PRECINCT 4H

YARRABILLA QLD 4007

MPN CONSULTING

10479

CP.1.01

Stockland

ROADWORKS AND STORMWATER DRAINAGE PLAN - SHEET 1

CONSULTANT: MPN CONSULTING PTY LTD

CONTACT: (07) 3338 4555

DATE: _____

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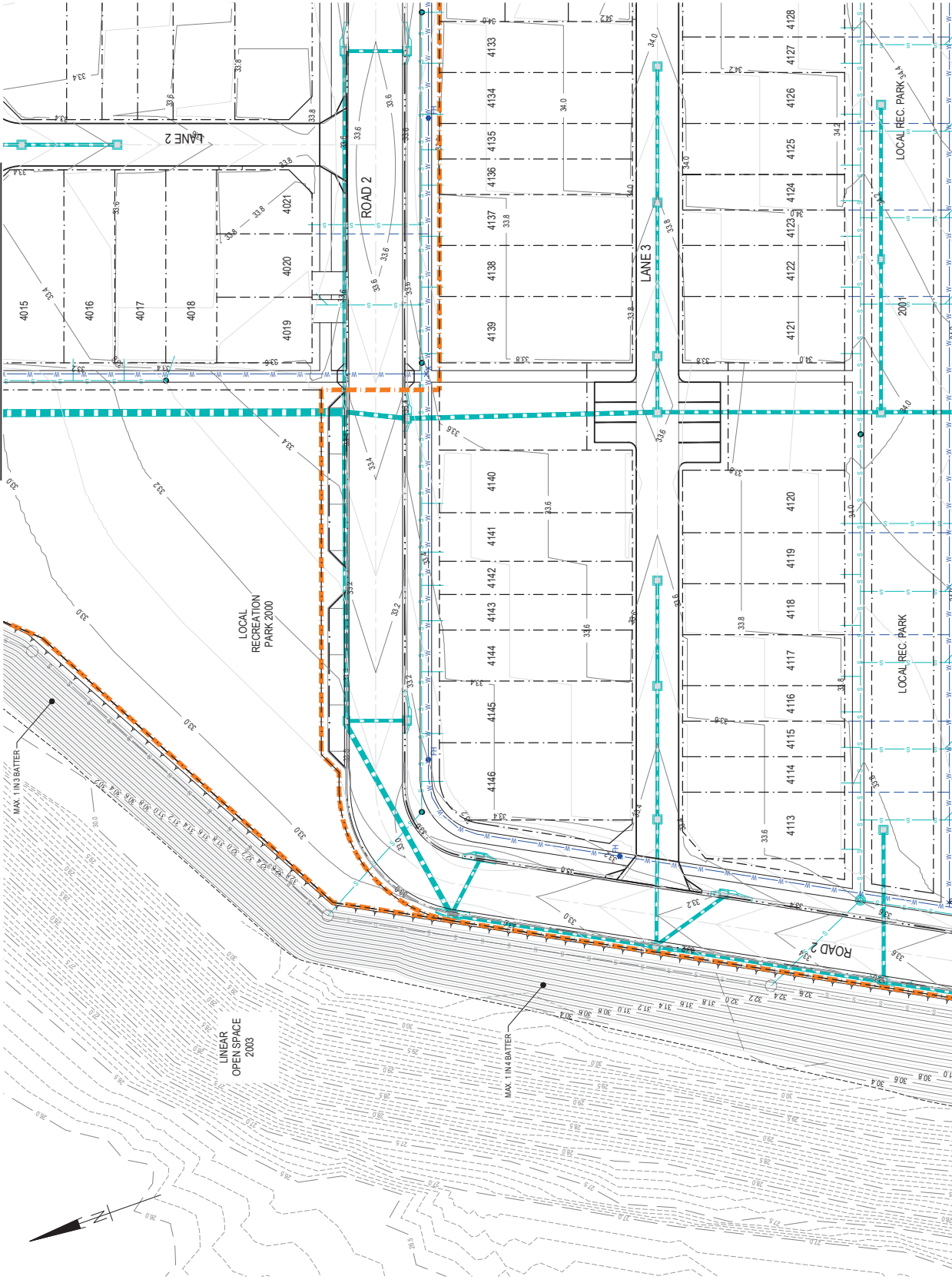
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- KERB RAMP
- BOLLARD
- STORMWATER MAIN
- WATER MAIN
- SEWER MAIN
- TELECOMMUNICATIONS
- OPTIC FIBRE
- UG ELECTRICITY
- OH ELECTRICITY
- FENCE
- TOP OF BATTER
- FACE OF BATTER
- SWALE DRAIN
- RETAINING WALL
- STAGE BOUNDARY

PROPOSED

- PROPERTY BOUNDARY
- EASEMENT BOUNDARY
- CONTOUR
- CONCRETE
- EDGE OF BITUMEN
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- KERB RAMP
- BOLLARD
- STORMWATER MAIN
- WATER MAIN
- SEWER MAIN
- TELECOMMUNICATIONS
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- OH ELECTRICITY
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- TOP OF BATTER
- FACE OF BATTER
- SWALE DRAIN
- RETAINING WALL
- STAGE BOUNDARY

FOR CONTINUATION REFER DWG NO. CP.1.01



FOR CONTINUATION REFER DWG NO. CP.1.03

FOR CONTINUATION REFER DWG NO. CP.1.05

FOR CONTINUATION REFER DWG NO. CP.1.04

MPN CONSULTING

MPN CONSULTING

10479

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CP.1.02

CP.1.02

YARRABILBA PRECINCT 4H

YARRABILBA QLD 4007

CLIENT: Stockland

DESIGN: AS SKOWN

DRAWN: WA

CHD: CHD

APPRO: APPRO

DATE: DATE

CONSULTANT: MPN CONSULTING PTY LTD

CONTACT: TELEPHONE (07) 3338 4555

DATE: DATE

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LOCAL RECREATION PARK 2000

LOCAL REC. PARK

LOCAL REC. PARK

LANE 2

ROAD 2

LANE 3

ROAD 3

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4133 4134 4135 4136 4137 4138 4139

4140 4141 4142 4143 4144 4145 4146

4121 4122 4123 4124 4125 4126 4127 4128

MAX 1 IN BATTER

LINEAR OPEN SPACE 2003

PROPERTY BOUNDARY

EASEMENT BOUNDARY

CONTOUR

BUILDING

CONCRETE

EDGE OF BITUMEN

KERB

KERB CHANNEL

FLUSH KERB

KERB RAMP

BOLLARD

STORM WATER MAIN

WATER MAIN

SEWER MAIN

SWALE

TELECOMMUNICATIONS

OPTIC FIBRE

UG ELECTRICITY

OH ELECTRICITY

FENCE

TOP OF BATTER

FACE OF BATTER

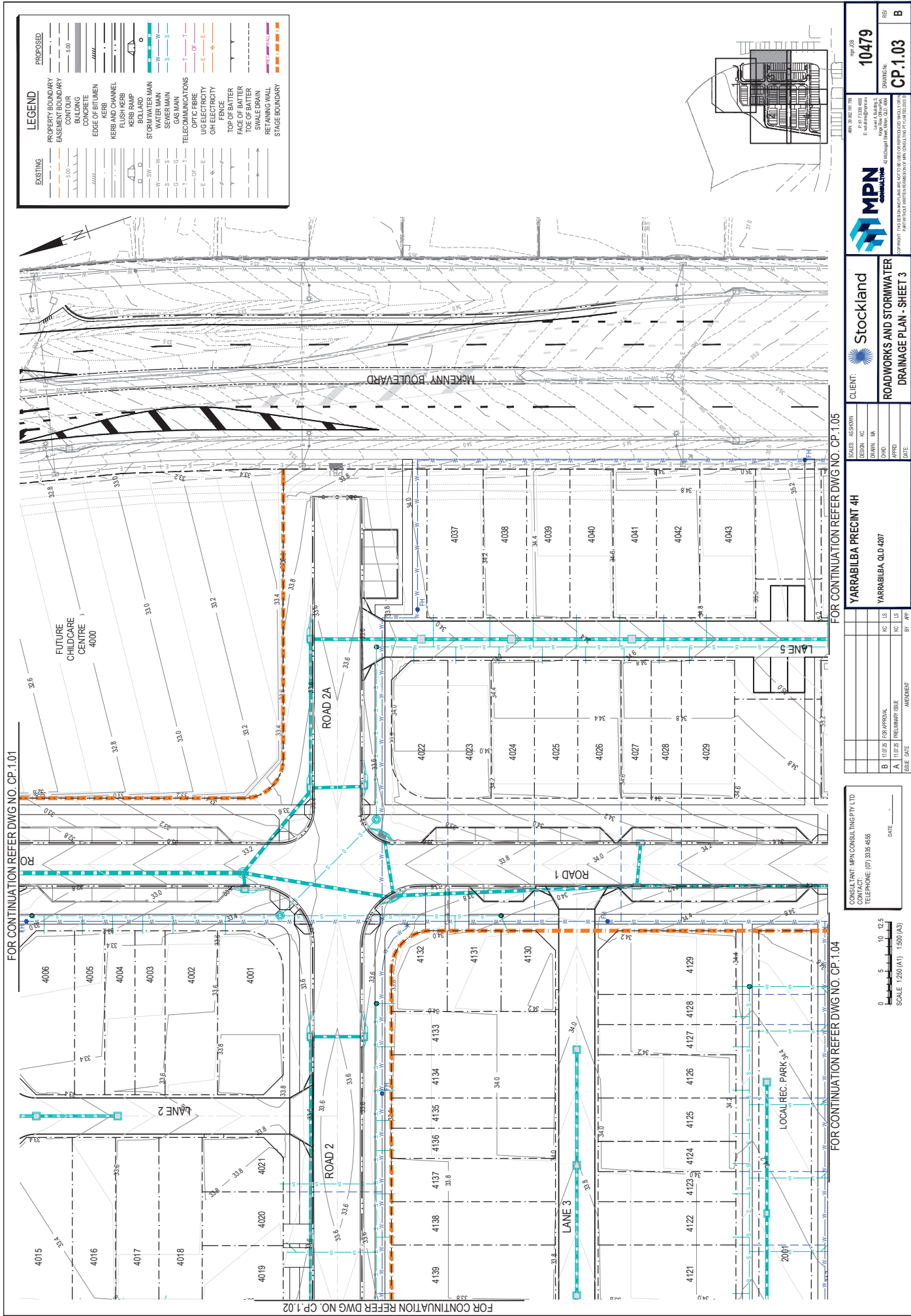
SWALE DRAIN

RETAINING WALL

STAGE BOUNDARY

EXISTING

PROPOSED



CONSULTANT: **MPN CONSULTING**

CLIENT: **Stockland**

PROJECT: **YARRABILLA PRECINCT 4H**

YARRABILLA QLD 4007

DATE: _____

SCALE: 1:250 (A1) 1:500 (A3)

10479

CP.1.03

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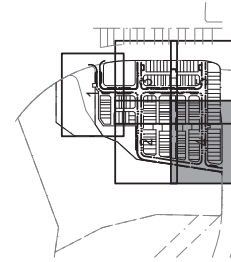
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FOR CONTINUATION REFER DWG NO. CP.1.05



CONSULTANT: MPN CONSULTING PTY LTD
CONTACT: (07) 3338 4555
DATE: _____

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YARRABILLA PRECINCT 4H
YARRABILLA QLD 4007

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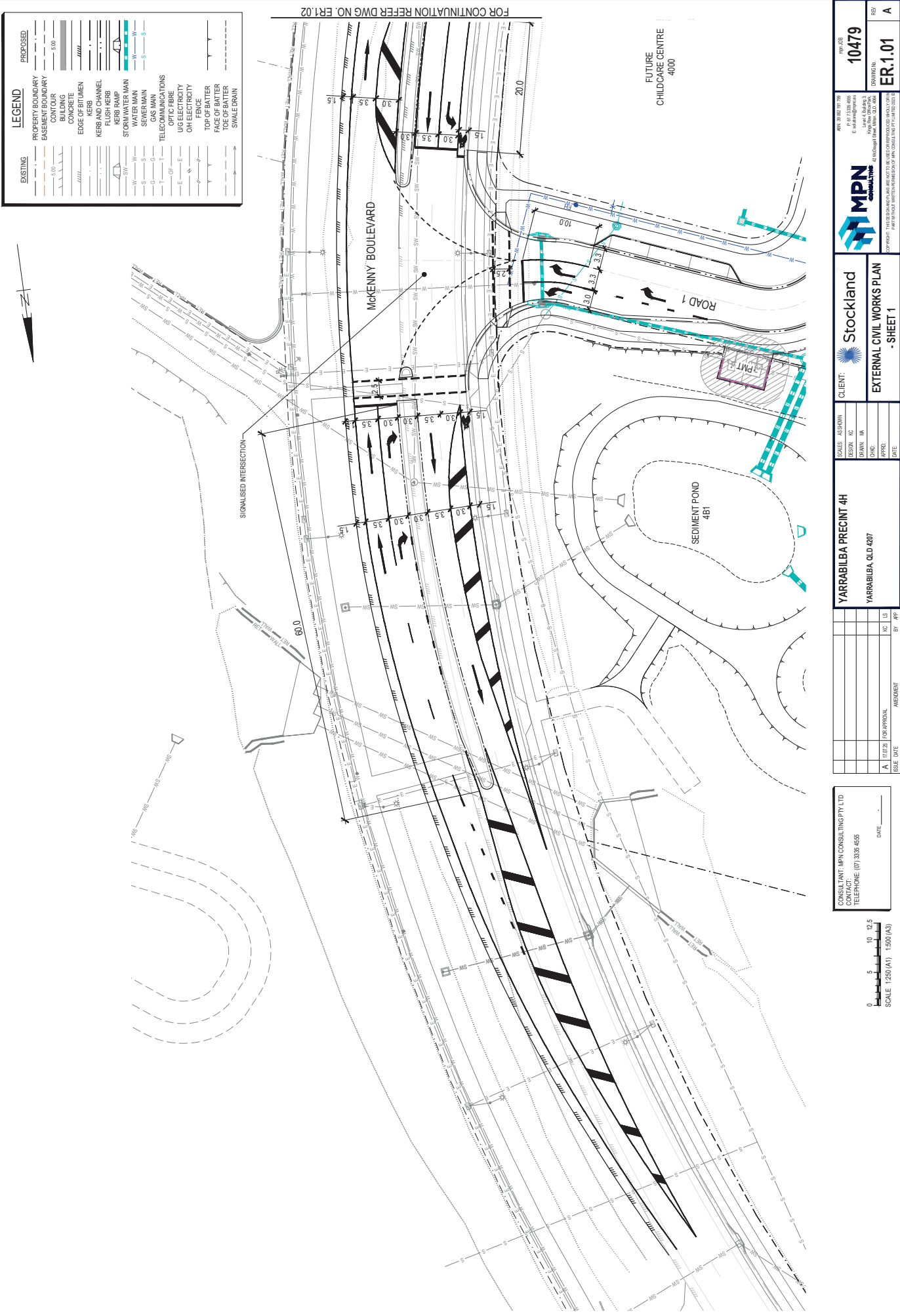
CLIENT: Stockland

ROADWORKS AND STORMWATER DRAINAGE PLAN - SHEET 4

10479

CP.1.04

B



EXISTING	PROPOSED
PROPERTY BOUNDARY	PROPERTY BOUNDARY
EASEMENT BOUNDARY	EASEMENT BOUNDARY
BUILDING	BUILDING
CONCRETE	CONCRETE
EDGE OF BITUMEN	EDGE OF BITUMEN
KERB	KERB
KERB CHANNEL	KERB CHANNEL
FLUSH KERB	FLUSH KERB
KERB RAMP	KERB RAMP
STORM WATER MAIN	STORM WATER MAIN
WATER MAIN	WATER MAIN
SEWER MAIN	SEWER MAIN
GAS MAIN	GAS MAIN
TELECOMMUNICATIONS	TELECOMMUNICATIONS
OPTIC FIBRE	OPTIC FIBRE
UG ELECTRICITY	UG ELECTRICITY
OH ELECTRICITY	OH ELECTRICITY
FENCE	FENCE
TOP OF BATTER	TOP OF BATTER
TOE OF BATTER	TOE OF BATTER
SWALE DRAIN	SWALE DRAIN



CONSULTANT: MPN CONSULTING PTY LTD
 CONTACT: (07) 3338 4555
 DATE: _____

DATE	APPROVAL	BY	DATE
A. 11/08/20	100% APPROVAL	NC	11/8

YARRABILBA PRECINCT 4H
 YARRABILBA QLD 4007

CLIENT: Stockland
 EXTERNAL CIVIL WORKS PLAN
 - SHEET 1

MPN CONSULTING

10479

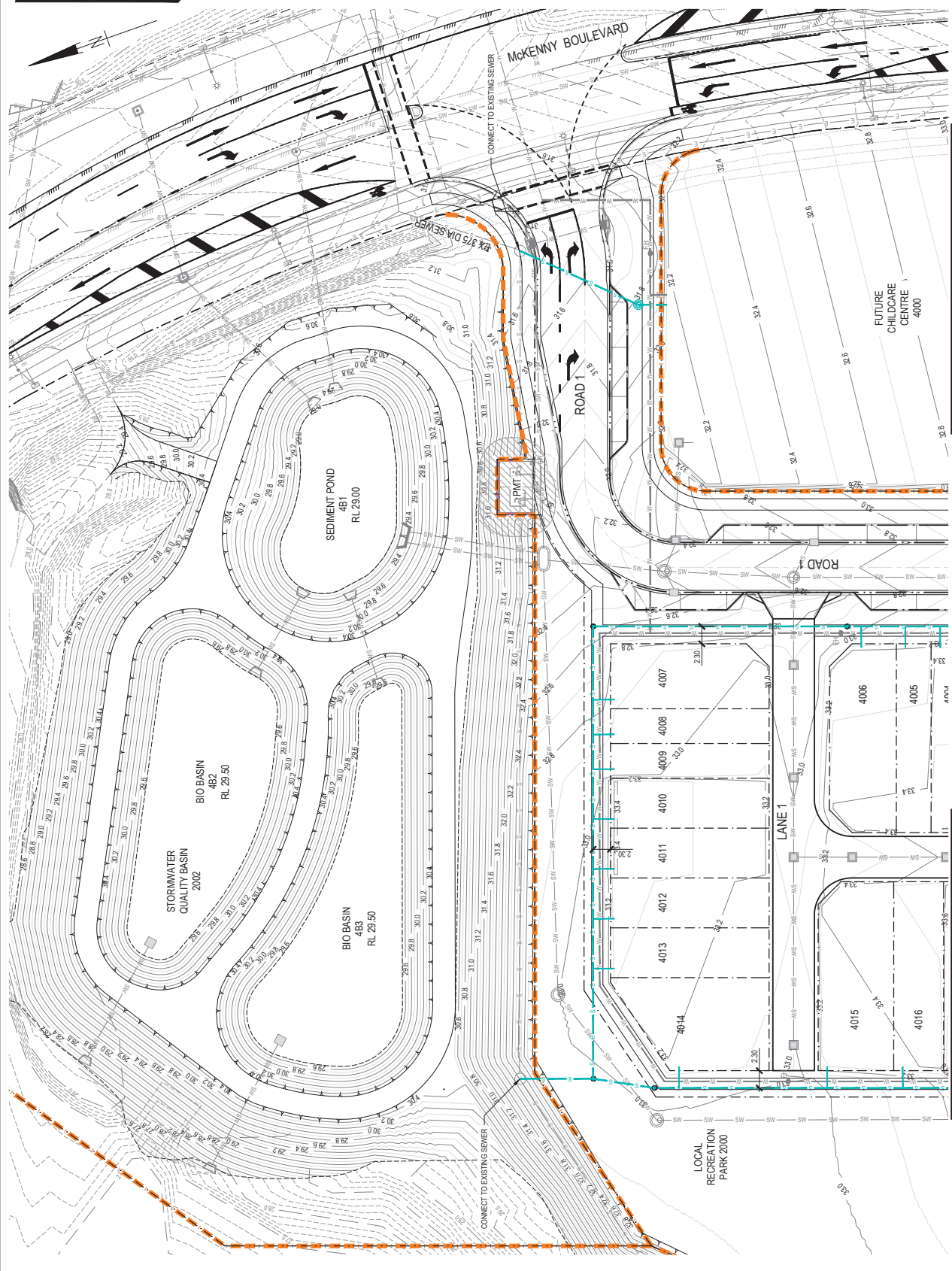
10/01/20

ER.1.01

A

FOR CONTINUATION REFER DWG NO. ER.1.02

EXISTING	LEGEND	PROPOSED
PROPERTY BOUNDARY	PROPERTY BOUNDARY	PROPERTY BOUNDARY
EASEMENT BOUNDARY	EASEMENT BOUNDARY	EASEMENT BOUNDARY
CONTOUR	CONTOUR	CONTOUR
BUILDING	BUILDING	BUILDING
CONCRETE	CONCRETE	CONCRETE
EDGE OF BITUMEN	EDGE OF BITUMEN	EDGE OF BITUMEN
KERB	KERB	KERB
KERB (ASPHALT)	KERB (ASPHALT)	KERB (ASPHALT)
SEWER MAIN	SEWER MAIN	SEWER MAIN
WATER	WATER	WATER
STAGE BOUNDARY	STAGE BOUNDARY	STAGE BOUNDARY



FOR CONTINUATION REFER DWG NO. SR.1.02

CONSULTANT: MPN CONSULTING PTY LTD
CONTACT: (07) 3336 4555
DATE: _____

SCALE 1:250 (A1) 1:500 (A3)

FOR CONTINUATION REFER DWG NO. SR.1.03

CLIENT: YARRABILBA PRECINCT 4H
YARRABILBA QLD 4007

DESIGN: NC
DRAWN: RZ
CHECK: RZ
APPROVED: _____
DATE: _____

SCALE 1:250 (A1) 1:500 (A3)

MPN CONSULTING

10479

SR.1.01

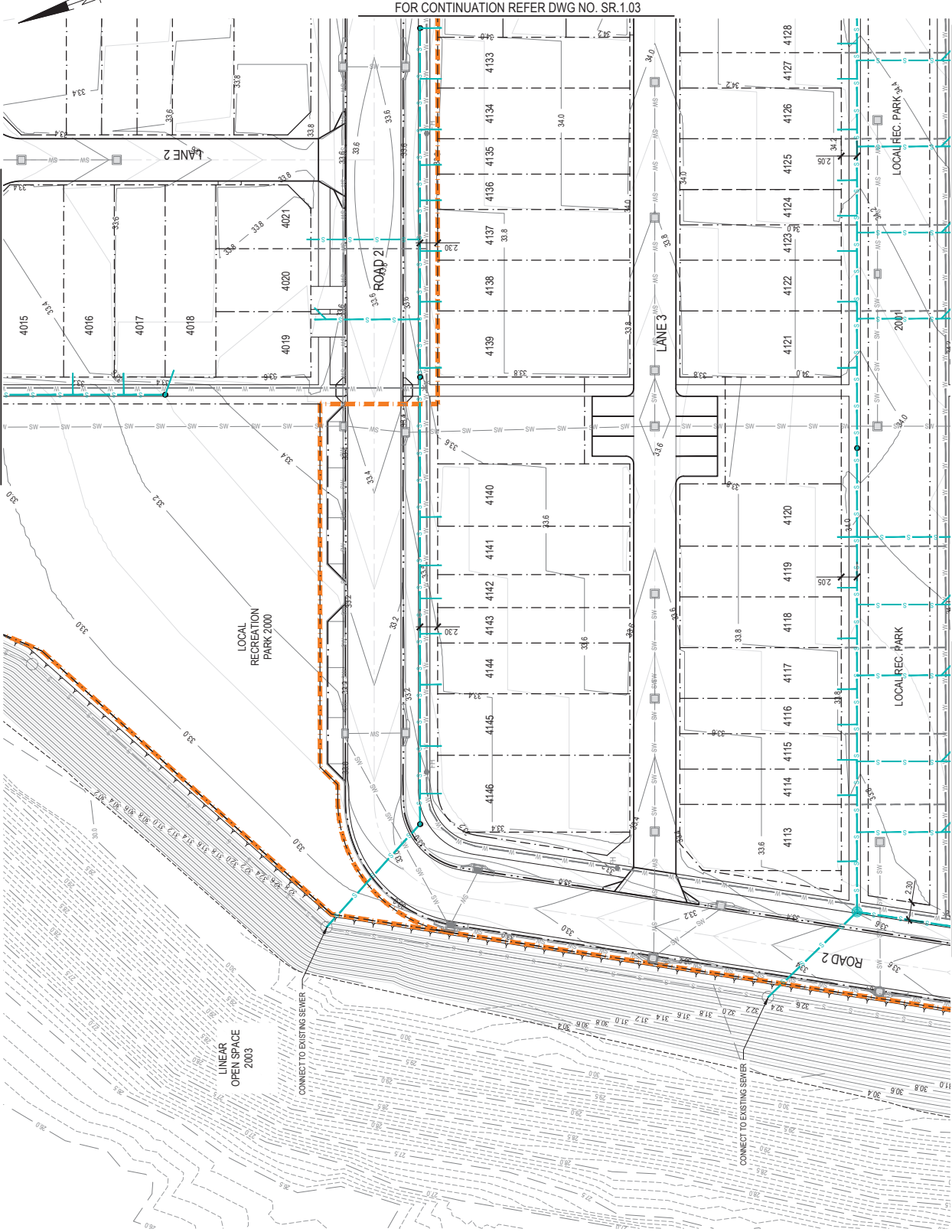
B

Stockland

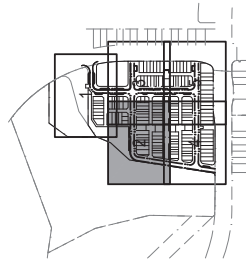
SEWER LAYOUT PLAN

SHEET 1

FOR CONTINUATION REFER DWG NO. SR.1.01



FOR CONTINUATION REFER DWG NO. SR.1.03



LEGEND	
EXISTING	PROPOSED
PROPERTY BOUNDARY	PROPERTY BOUNDARY
EASEMENT BOUNDARY	EASEMENT BOUNDARY
CONTOUR	CONTOUR
CONCRETE	CONCRETE
EDGE OF BITUMEN	EDGE OF BITUMEN
KERB	KERB
KERB CHANNEL	KERB CHANNEL
SEWER MAIN	SEWER MAIN
WATER	WATER
STAGE BOUNDARY	STAGE BOUNDARY

FOR CONTINUATION REFER DWG NO. SR.1.05

MPN CONSULTING
P 07 3335 4555
F 07 3335 4555
E info@mpnconsulting.com.au
W www.mpnconsulting.com.au

10479

SR.1.02

10479

SR.1.02

Stockland

CLIENT

YARRABILBA PRECINCT 4H

YARRABILBA QLD 4007

DESIGN: NC

DRAWN: RAZ

CHECK: CHC

APPROVED: [Signature]

DATE: [Date]

SCALE: AS SHOWN

DATE: [Date]

REVISION: [Date]

BY: [Name]

FOR CONTINUATION REFER DWG NO. SR.1.04

CONSULTANT: MPN CONSULTING PTY LTD

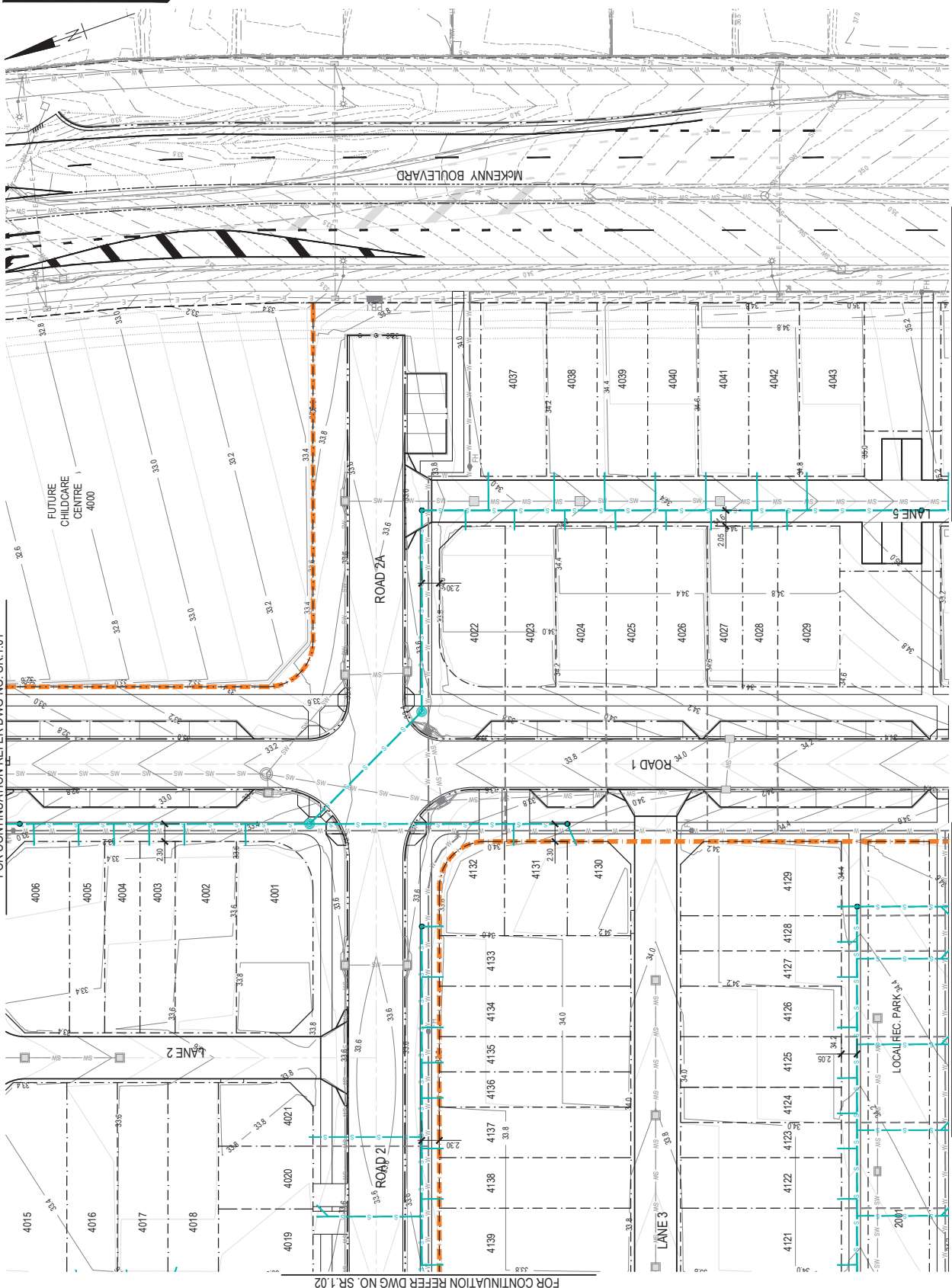
CONTACT: [Name]

TELEPHONE: (07) 3335 4555

DATE: [Date]

SCALE: 1:250 (A1) 1:500 (A3)

SCALE: 1:250 (A1) 1:500 (A3)



LEGEND

EXISTING	PROPOSED
PROPERTY BOUNDARY	PROPERTY BOUNDARY
EXISTING FLOOD WALL	EXISTING FLOOD WALL
CONTOUR	CONTOUR
BUILDING	BUILDING
EDGE OF BITUMEN KERB	EDGE OF BITUMEN KERB
FLOOD CHANNEL	FLOOD CHANNEL
SEWER MAIN	SEWER MAIN
WATER	WATER
STAGE BOUNDARY	STAGE BOUNDARY

FOR CONTINUATION REFER DWG NO SR.1.04

CONSULTANT: MPN CONSULTING PTY LTD
CONTACT:
TELEPHONE: (07) 33 35 4555

DATE _____

					SOURCES AS SHOWN
					DESIGN NO.
					DRAWING NO.
					CADD
					APPD.
					DATE

FOR CONTINUATION REFER DWG NO. SR.1.05

YARRABILBA PRECINT 4H

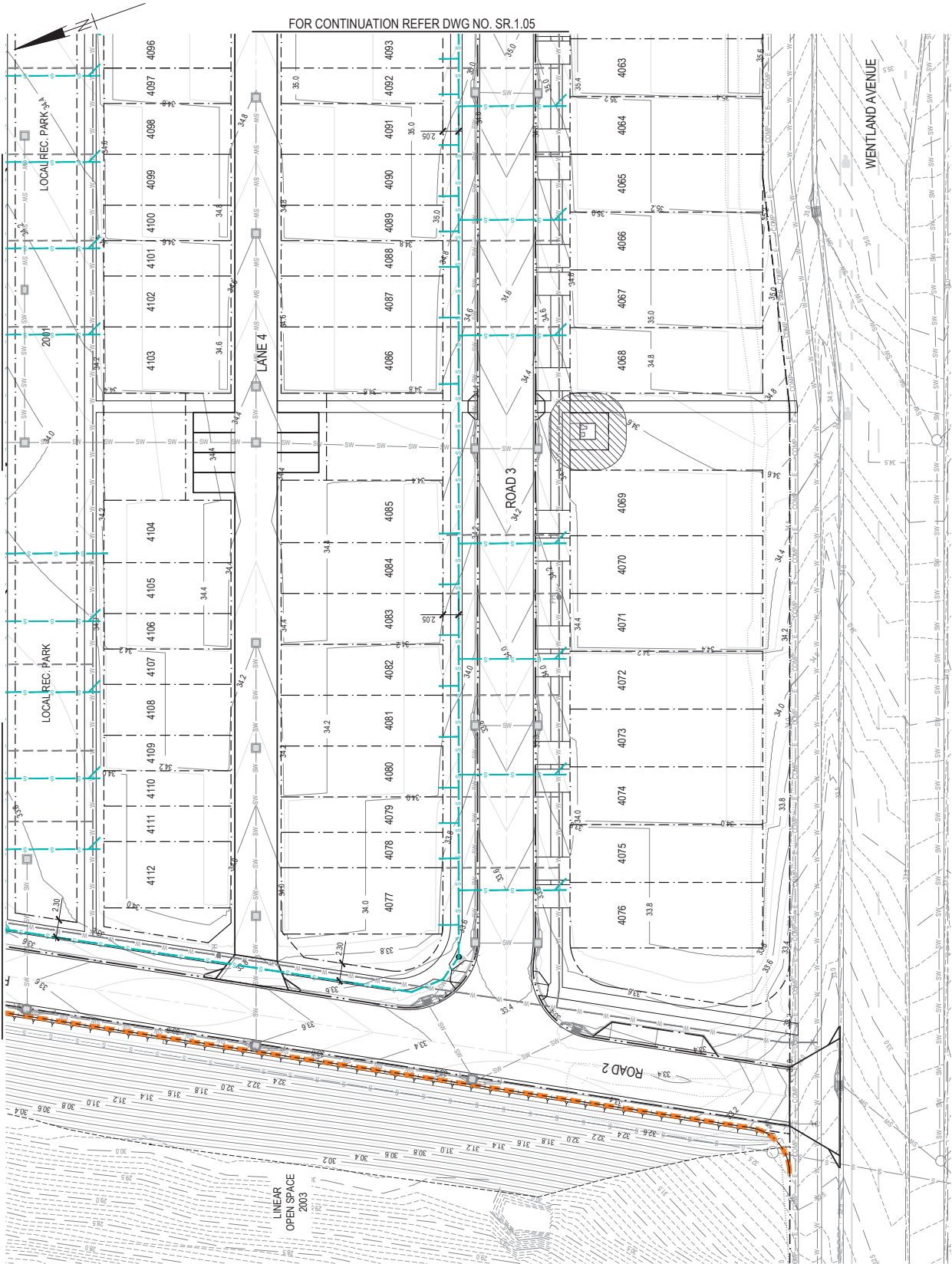
CLIENT:  Stockland

**SEWER LAYOUT PLAN
- SHEET 3**



MPN CONSULTING

10479 mpm J08	DRAWING No.	REV
	SR.1.03	B



EXISTING

- PROPERTY BOUNDARY (solid line)
- EASEMENT BOUNDARY (dashed line)
- CONTOUR (line with elevation, e.g., 5.00)
- BUILDING (hatched area)
- CONCRETE (diagonal lines)
- EDGE OF BITUMEN (line with 'x' marks)
- KERB (line with 'x' marks)
- KERB AND CHANNEL (line with 'x' marks)
- FLUSH KERB (line with 'x' marks)
- SEWER MAIN (line with 'x' marks)
- WATER (line with 'x' marks)
- STAGE BOUNDARY (line with 'x' marks)

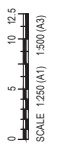
PROPOSED

- PROPERTY BOUNDARY (solid line)
- EASEMENT BOUNDARY (dashed line)
- CONTOUR (line with elevation, e.g., 5.0)
- BUILDING (hatched area)
- CONCRETE (diagonal lines)
- EDGE OF BITUMEN (line with 'x' marks)
- KERB (line with 'x' marks)
- KERB AND CHANNEL (line with 'x' marks)
- FLUSH KERB (line with 'x' marks)
- SEWER MAIN (line with 'x' marks)
- WATER (line with 'x' marks)
- STAGE BOUNDARY (line with 'x' marks)

FOR CONTINUATION REFER DWG NO. SR.1.02

FOR CONTINUATION REFER DWG NO. SR.1.05

WENTLAND AVENUE



CONSULTANT: MPN CONSULTING PTY LTD
CONTACT:
TELEPHONE: (07) 3335 4555

DATE _____

[illegible]

YARRABILBA PRECINCT 4H
YARRABILBA, QLD 4207

SCALES:	AS SHOWN
DESIGN:	KC
DRAWN:	R/Z
CHD:	
APPRO:	
DATE:	

CLIENT: **Stockland**
SEWER LAYOUT PLAN
- SHEET 4



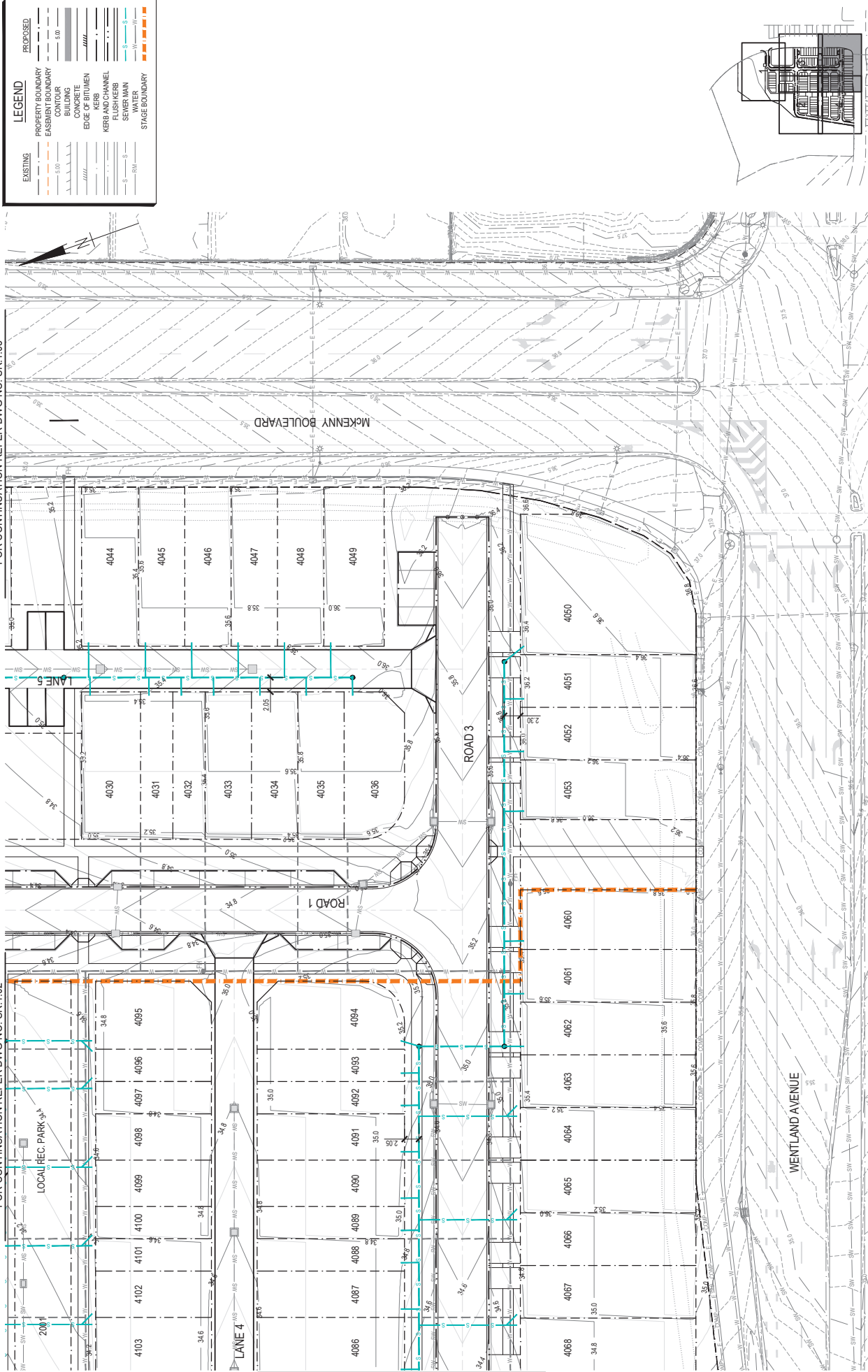
MPN CONSULTING

ARK 30 002 191 759 P 61 73 330 4066 E.solutions@procalu Level 4, Building 3, Kings Row Office Park, Douglas Street, Milton, QLD 4054	mpro JOB 10479 DRAWING No:	REV B SR.1.04
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FOR CONTINUATION REFER DWG NO. SR.1.03

FOR CONTINUATION REFER DWG NO. SR.1.02

FOR CONTINUATION REFER DWG NO. SR.1.04



CONSULTANT: MPN CONSULTING PTY. LTD
CONTACT:
TELEPHONE (07) 3335 455
DATE: _____

0 5 10 12.5
SCALE 1:250 (A1) 1:500 (A3)

YARRABILBA PRECINCT 4H
YARRABILBA QLD 4207

CLIENT: Stockland

DESIGN: AS SHOWN
DRAWN: RAZ
CHECK: RAZ
APPRO: _____
DATE: _____

10479

SR.1.05

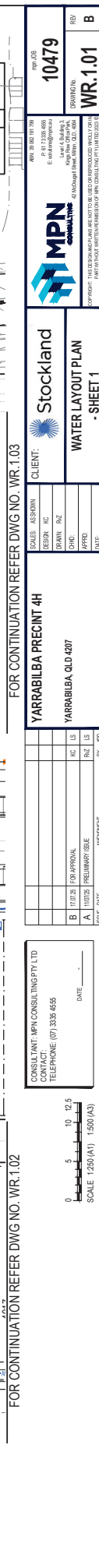
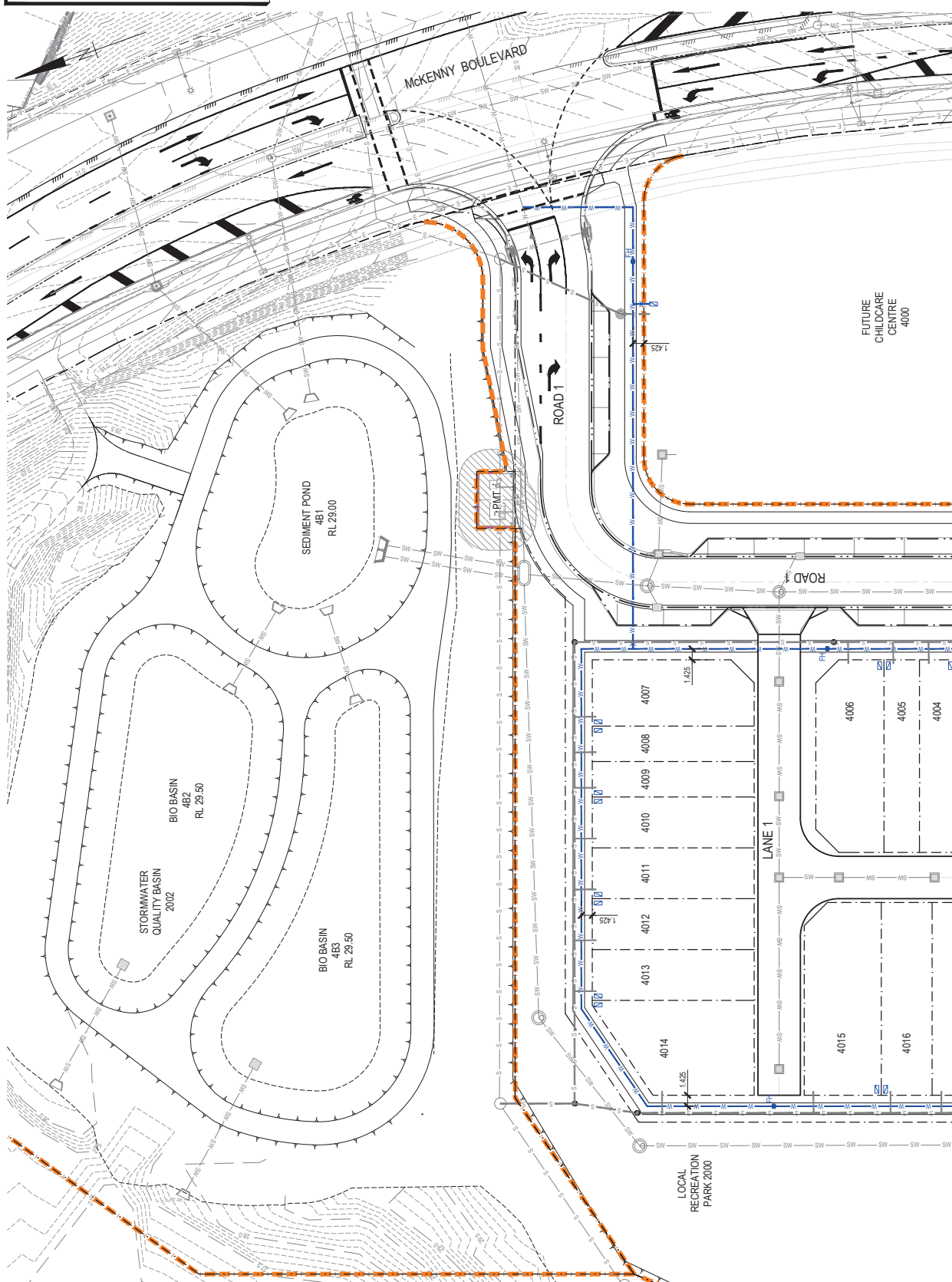
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MPN CONSULTING

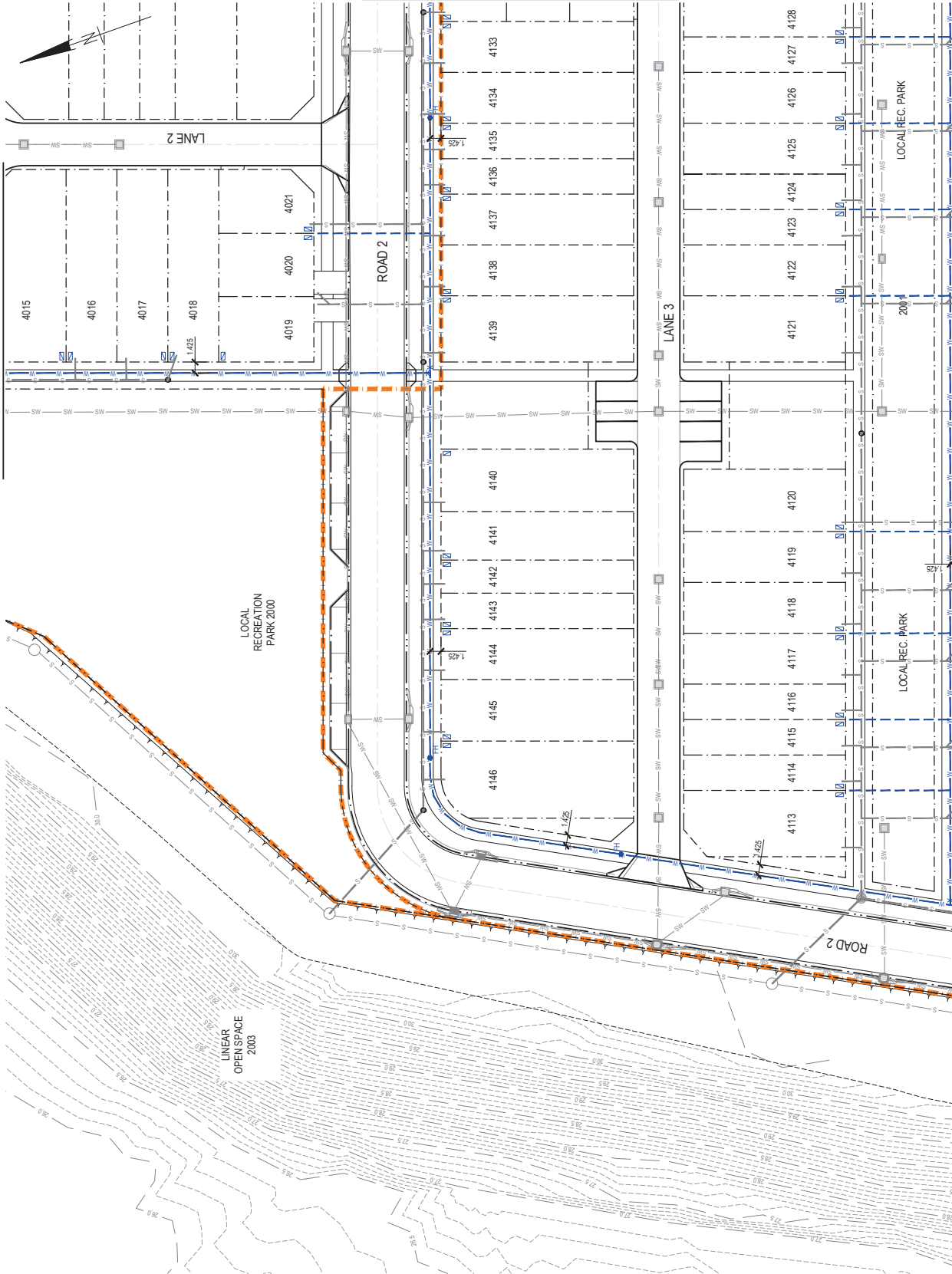
10479

SR.1.05

B



FOR CONTINUATION REFER DWG NO. WR.1.01

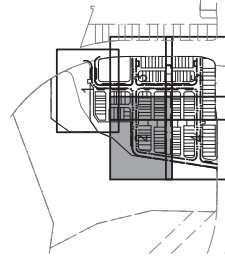


FOR CONTINUATION REFER DWG NO. WR.1.03

FOR CONTINUATION REFER DWG NO. WR.1.05

FOR CONTINUATION REFER DWG NO. WR.1.04

LEGEND	
EXISTING	PROPOSED
PROPERTY BOUNDARY	PROPERTY BOUNDARY
EASEMENT BOUNDARY	EASEMENT BOUNDARY
CONTOUR	CONTOUR
CONCRETE	CONCRETE
EDGE OF BITUMEN	EDGE OF BITUMEN
KERB	KERB
UNDERPASS	UNDERPASS
POTABLE WATER	POTABLE WATER
FIRE HYDRANT	FIRE HYDRANT
VALVE	VALVE
REDUCER	REDUCER
TEST POINT	TEST POINT
DEAD END	DEAD END
END PLATE	END PLATE
SERVICE ENTRY	SERVICE ENTRY
THRUST BLOCK	THRUST BLOCK
STAGE BOUNDARY	STAGE BOUNDARY



MPN CONSULTING

10479

10479

WR.1.02

B

Stockland

WATER LAYOUT PLAN

- SHEET 2

YARRABILBA PRECINCT 4H

YARRABILBA QLD 4007

CONSULTANT: MPN CONSULTING PTY LTD

CONTACT: TELEPHONE (07) 3338 4555

DATE: _____

SCALE 1:250 (A1) 1:500 (A3)

0 5 10 12.5

FOR CONTINUATION REFER DWG NO. WR.1.01

FOR CONTINUATION REFER DWG NO. WR.1.03

FOR CONTINUATION REFER DWG NO. WR.1.05

FOR CONTINUATION REFER DWG NO. WR.1.04

LEGEND

EXISTING

PROPOSED

PROPERTY BOUNDARY

EASEMENT BOUNDARY

CONTOUR

CONCRETE

EDGE OF BITUMEN

KERB

UNDERPASS

POTABLE WATER

FIRE HYDRANT

VALVE

REDUCER

TEST POINT

DEAD END

END PLATE

SERVICE ENTRY

THRUST BLOCK

STAGE BOUNDARY

ARCH: 28 DEC 2019

DESIGN: 10 DEC 2019

DRAWN: 10 DEC 2019

CHECK: 10 DEC 2019

APPROVED: 10 DEC 2019

DATE: 10 DEC 2019

MPN CONSULTING

10479

10479

WR.1.02

B

Stockland

WATER LAYOUT PLAN

- SHEET 2

YARRABILBA PRECINCT 4H

YARRABILBA QLD 4007

CONSULTANT: MPN CONSULTING PTY LTD

CONTACT: TELEPHONE (07) 3338 4555

DATE: _____

SCALE 1:250 (A1) 1:500 (A3)

0 5 10 12.5

EXISTING

PROPERTY BOUNDARY

EMMENT BOUNDARY

CONTOUR

CONCRETE

EDGE OF BITUMEN

KERB

KERB

POTABLE WATER

FIRE HYDRANT

VALVE

REDUCER

TEST POINT

DEAD END

END PLATE

SERVICE ENTRY

THURST BLOCK

PROPOSED

PROPERTY BOUNDARY

EMMENT BOUNDARY

CONTOUR

CONCRETE

EDGE OF BITUMEN

KERB

KERB

POTABLE WATER

FIRE HYDRANT

VALVE

REDUCER

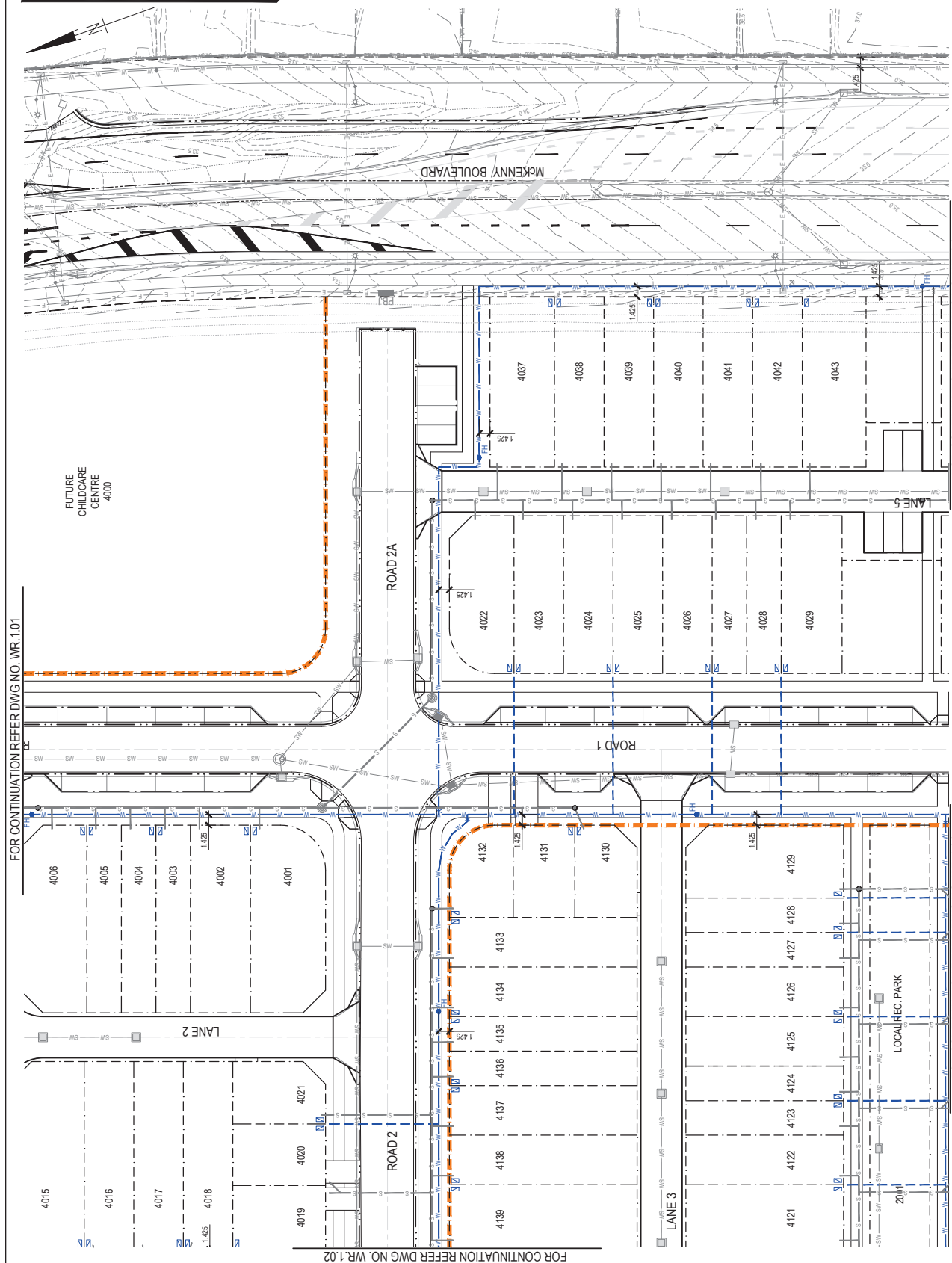
TEST POINT

DEAD END

END PLATE

SERVICE ENTRY

THURST BLOCK



FOR CONTINUATION REFER DWG NO. WR. 1.01

FOR CONTINUATION REFER DWG NO. WR. 1.02

FOR CONTINUATION REFER DWG NO. WR. 1.04

FOR CONTINUATION REFER DWG NO. WR. 1.05

CONSULTANT: MPN CONSULTING PTY LTD
 CONTACT: (07) 3338 4555
 DATE: _____

SCALE 1:250 (A1) 1:500 (A3)

CLIENT: Stockland
 YARRABILLA PRECINCT 4H
 YARRABILLA QLD 4007

DESIGN	NO.	DATE
DESIGN	1	10/02/20
REVISED	2	10/02/20
REVISED	3	10/02/20
REVISED	4	10/02/20
REVISED	5	10/02/20
REVISED	6	10/02/20
REVISED	7	10/02/20
REVISED	8	10/02/20
REVISED	9	10/02/20
REVISED	10	10/02/20

DATE	BY	APP'D
10/02/20	10/02/20	10/02/20
10/02/20	10/02/20	10/02/20
10/02/20	10/02/20	10/02/20
10/02/20	10/02/20	10/02/20
10/02/20	10/02/20	10/02/20
10/02/20	10/02/20	10/02/20
10/02/20	10/02/20	10/02/20
10/02/20	10/02/20	10/02/20
10/02/20	10/02/20	10/02/20

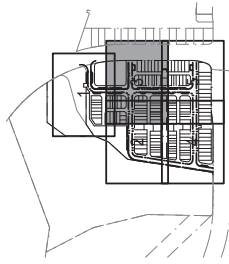
MPN CONSULTING

10479

WR. 1.03

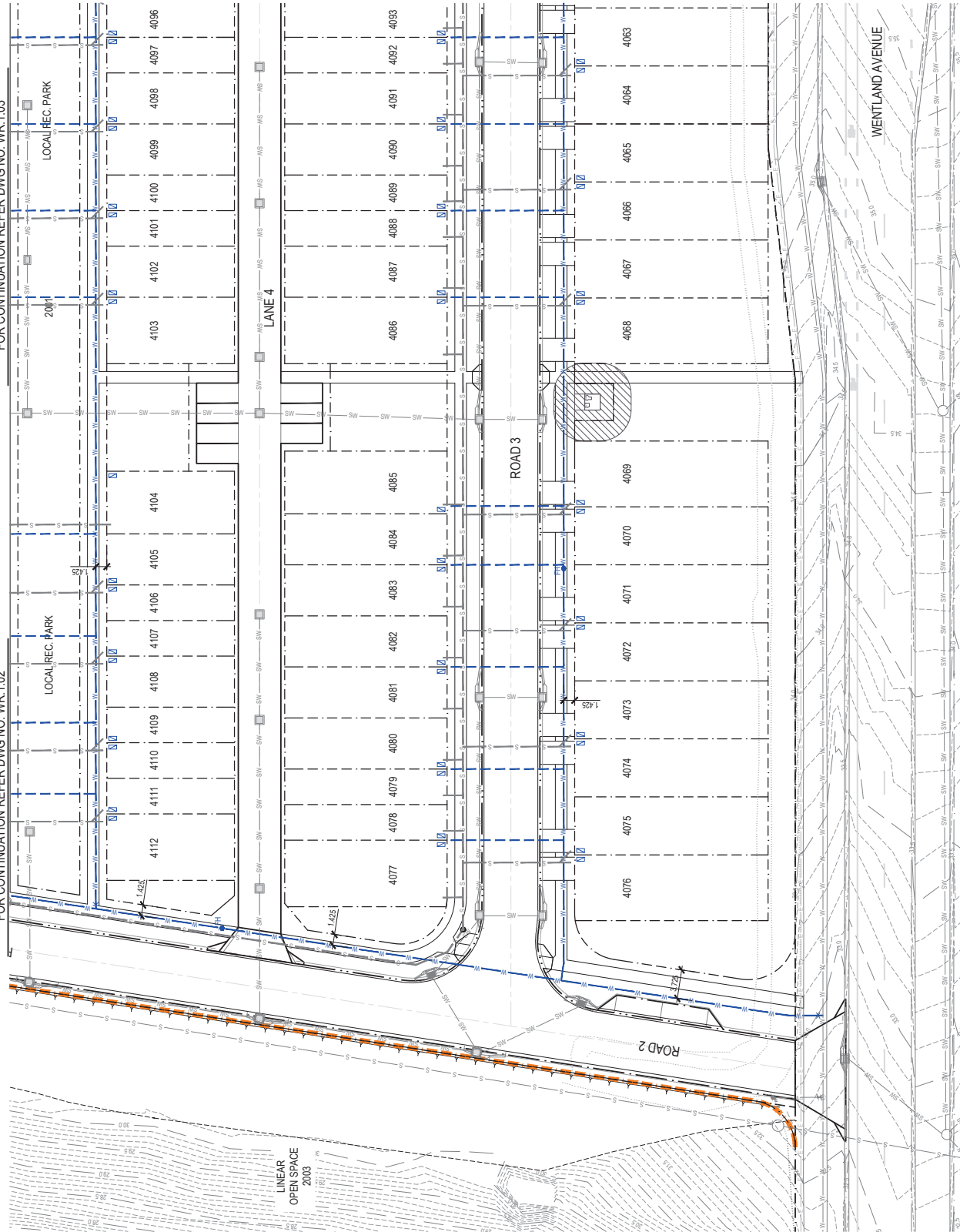
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WR. 1.03



FOR CONTINUATION REFER DWG NO. WR.1.03

FOR CONTINUATION REFER DWG NO. WR.1.02



FOR CONTINUATION REFER DWG NO. WR.1.05

LEGEND	
EXISTING	PROPOSED
PROPERTY BOUNDARY	PROPERTY BOUNDARY
EXISTING BOUNDARY	EXISTING BOUNDARY
CONTOUR	CONTOUR
CONCRETE	CONCRETE
EDGE OF BITUMEN	EDGE OF BITUMEN
KERB (AS SHOWN)	KERB (AS SHOWN)
POTABLE WATER	POTABLE WATER
FIRE HYDRANT	FIRE HYDRANT
VALVE	VALVE
REDUCER	REDUCER
TEST POINT	TEST POINT
DEAD END	DEAD END
END PLATE	END PLATE
SERVICE ENTRY	SERVICE ENTRY
THURST BLOCK	THURST BLOCK
STAGE BOUNDARY	STAGE BOUNDARY

MPN CONSULTING

10479

10479

WR.1.04

B

Stockland

CLIENT:

YARRABILLA PRECINCT 4H

YARRABILLA QLD 4007

WATER LAYOUT PLAN

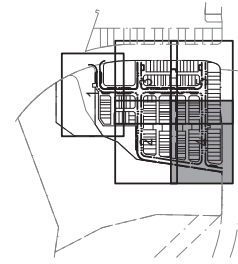
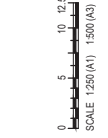
- SHEET 4

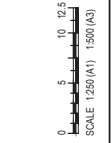
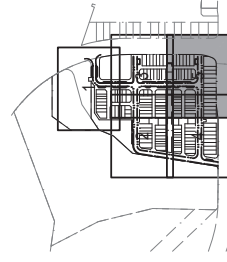
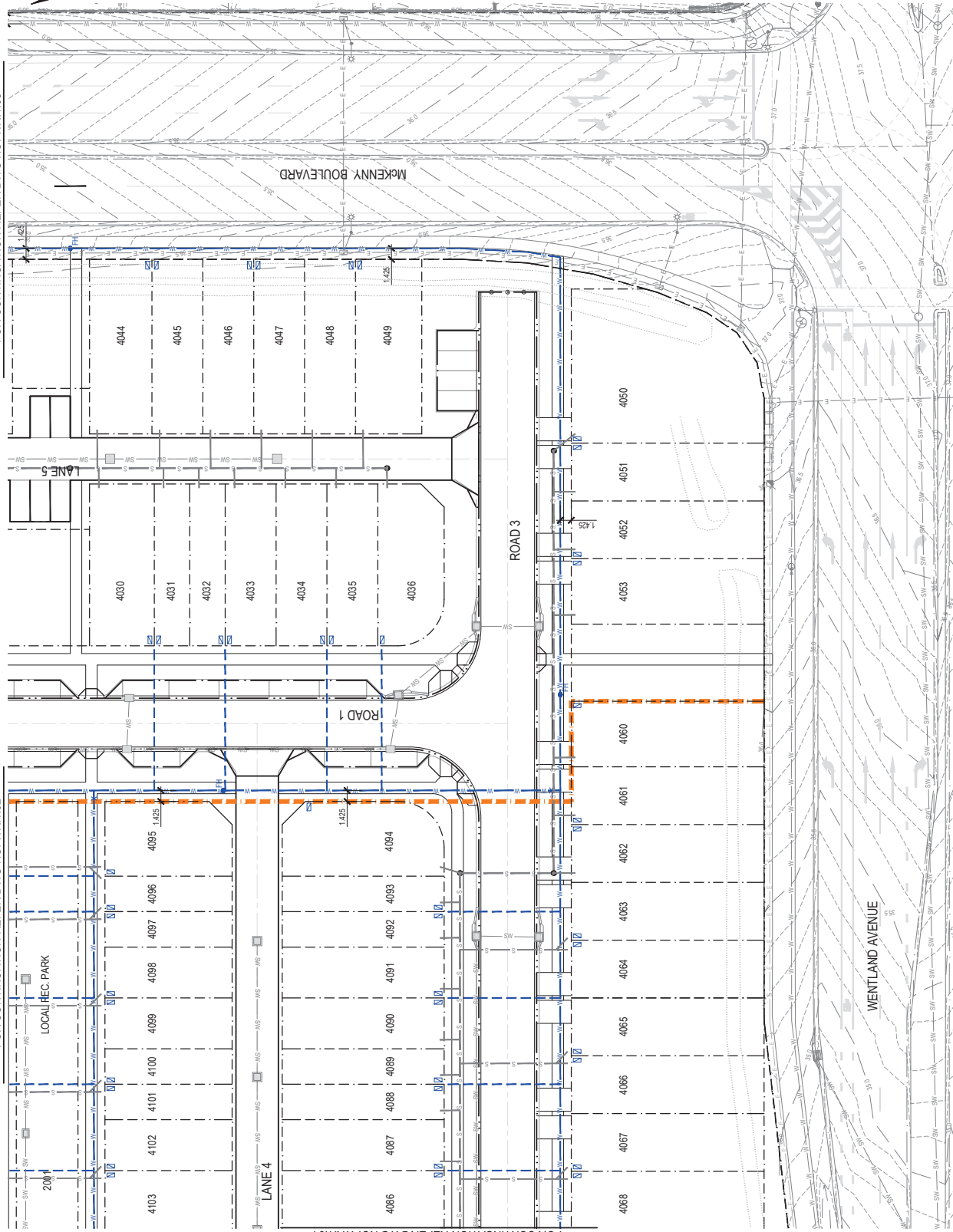
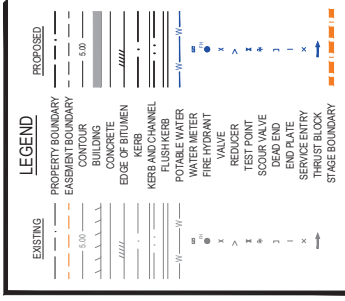
SCALE	AS SHOWN	DATE
DESIGN	NC	
DRAWN	LS	
CHECKED	LS	
APPROVED	LS	

CONSULTANT: MPN CONSULTING PTY LTD

CONTACT: (07) 3338 4555

DATE: _____





CONSULTANT: MPN CONSULTING PTY LTD
CONTACT:
TELEPHONE: (07) 3335 4555

DATE _____

[illegible]

YARRABILBA PRECINT 4H	SCALES	ASSHOWN
	DESIGN	VC
	DRAWN	
	CHD	
	APPRO	
	DATE	

CLIENT: **Stockland**
WATER LAYOUT PLAN
- SHEET 5


MPN CONSULTING
 42 McDougall Street, Unit 100, QLD 4006
 Kingsford Building
 Level 4 Building 3
 P 61 71335 655
 E info@mpnconsulting.com.au
 ABRN 30 002 91 799
 rnp JOB
10479
 DRAWING No. **WR.1.05**
 REG **B**



Appendix C. NBN BYDA Plans

To: Kevin Cheng
Phone: Not Supplied
Fax: Not Supplied
Email: kevincheng@mpnc.au

Dial before you dig Job #:	50484155	
Sequence #	256877086	
Issue Date:	23/06/2025	
Location:	666-750 Steele Road , Yarrabilba , QLD , 4207	

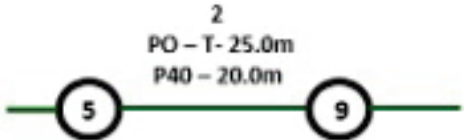
Indicative Plans are tiled below to demonstrate how to layout and read nbn asset plans

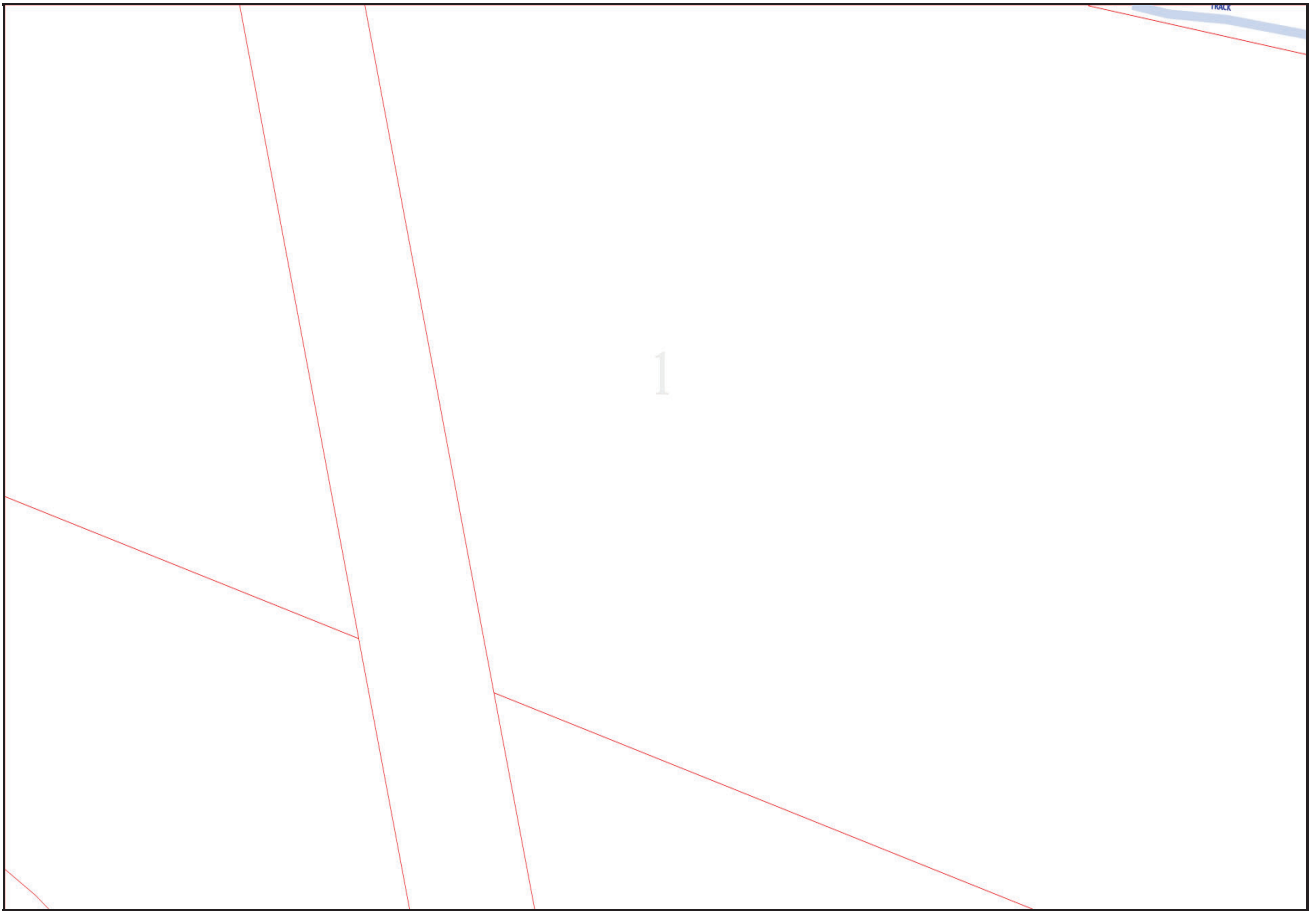
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2	5
3	6

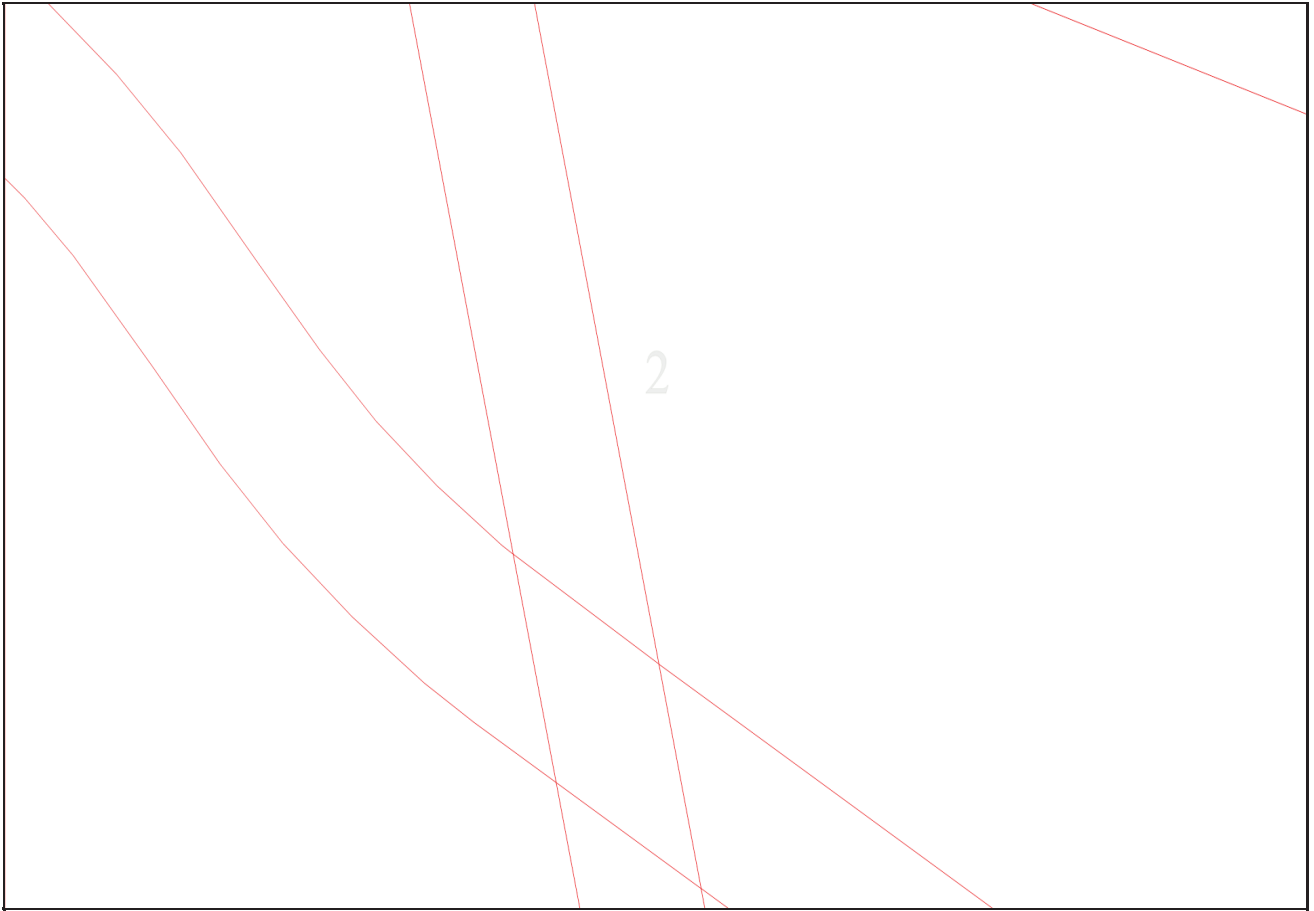


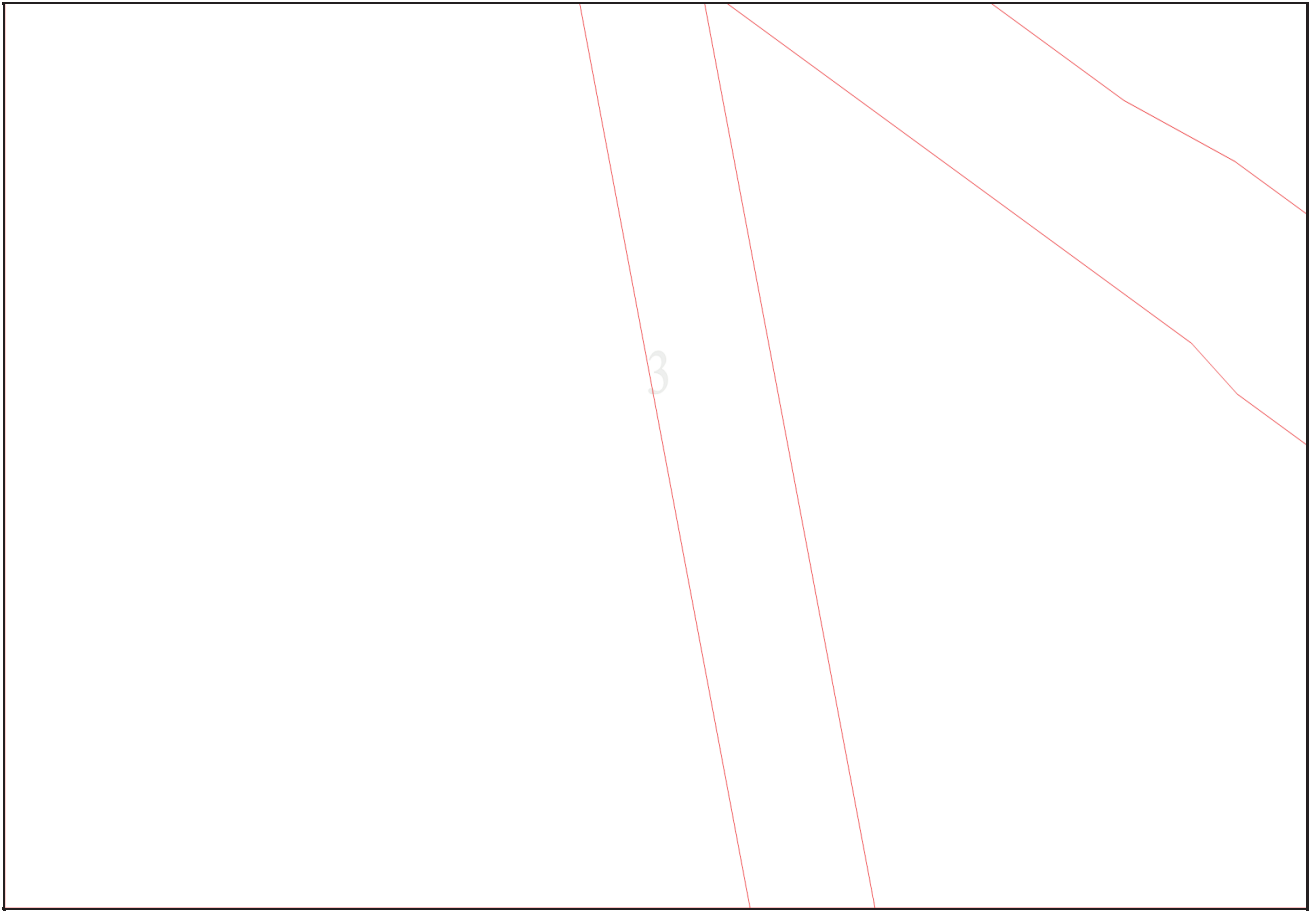
LEGEND

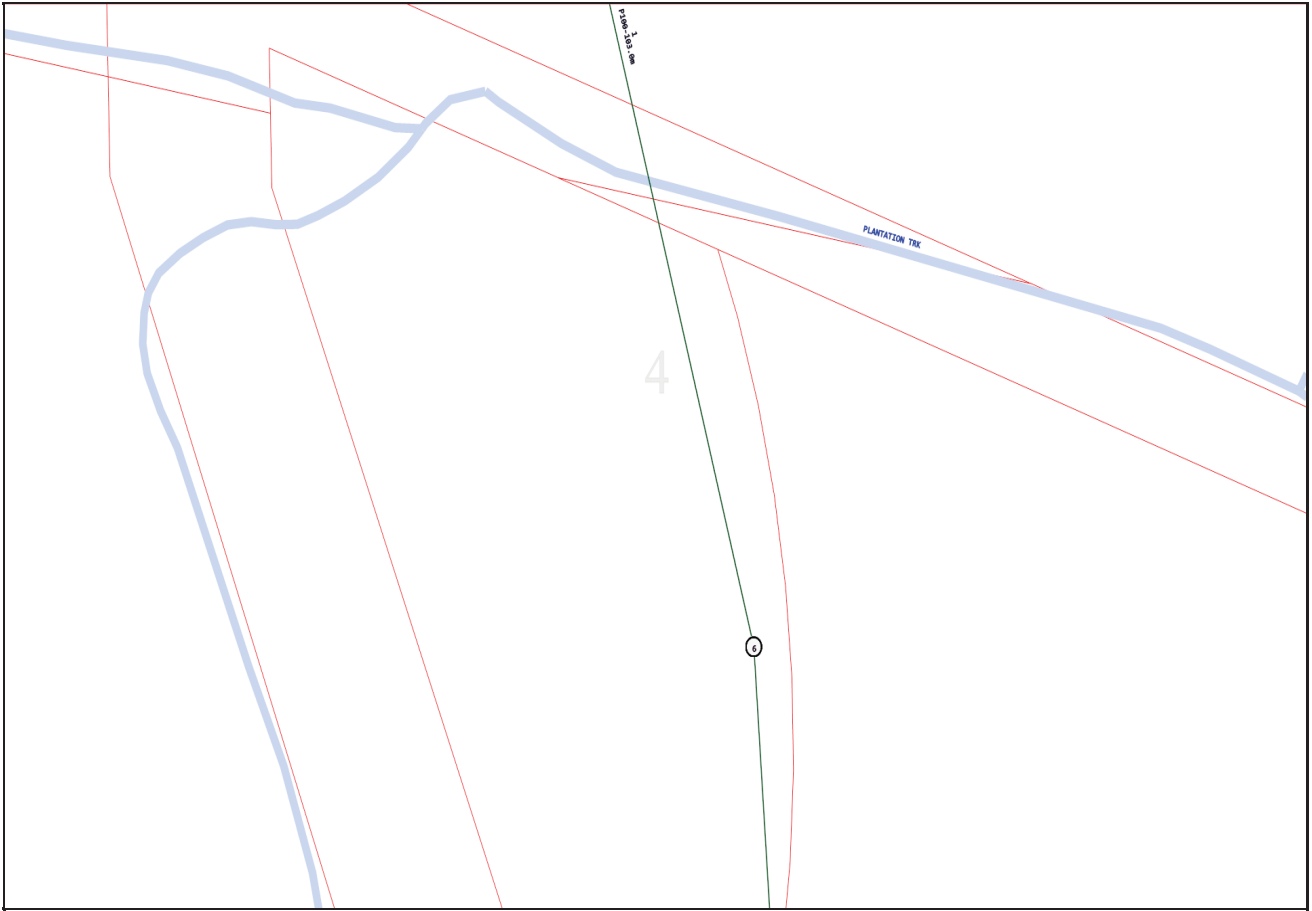


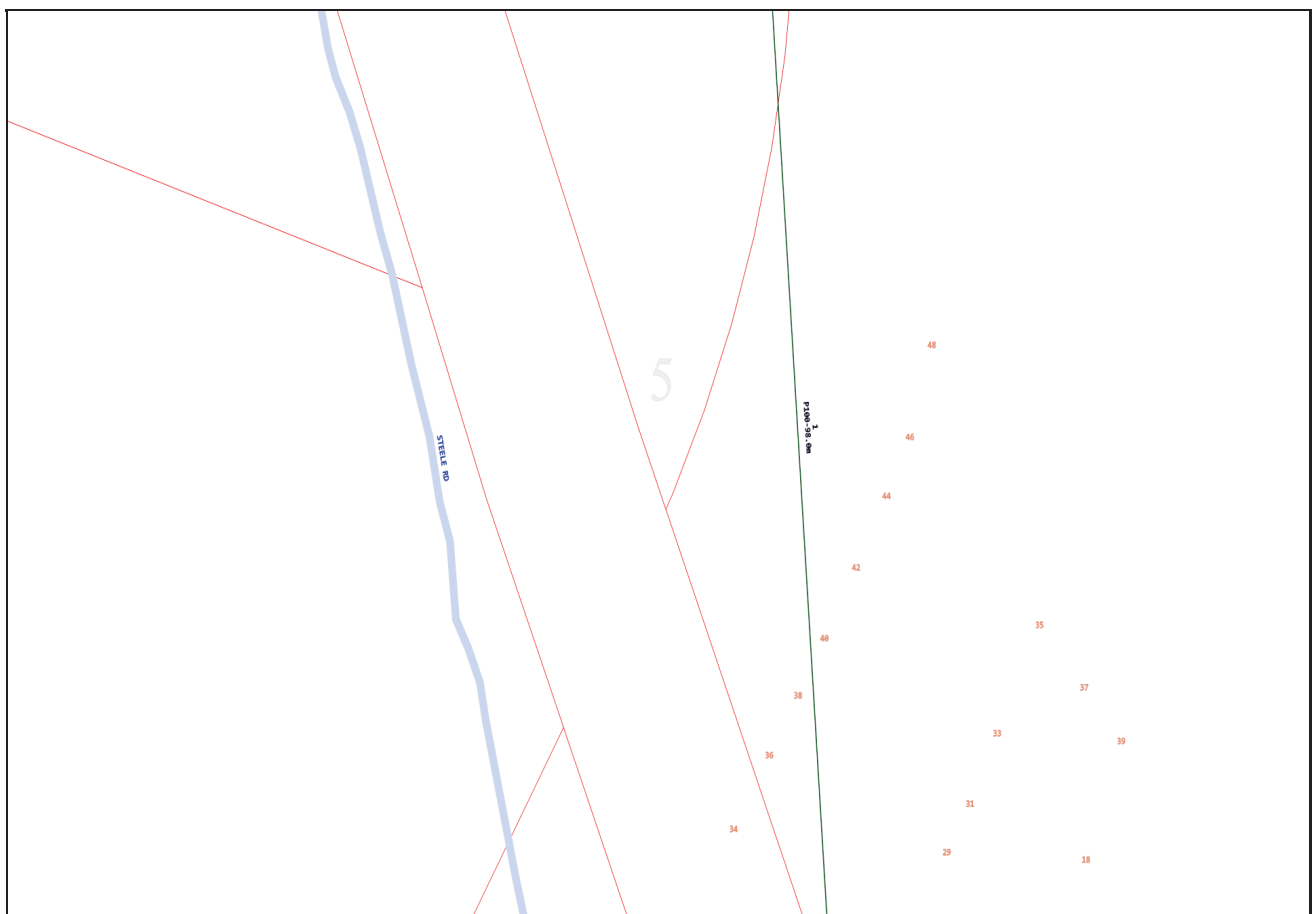
	Parcel and the location
	Pit with size "5"
	Power Pit with size "2E". Valid PIT Size: e.g. 2E, 5E, 6E, 8E, 9E, E, null.
	Manhole
	Pillar
	Cable count of trench is 2. One "Other size" PVC conduit (PO) owned by Telstra (-T-), between pits of sizes, "5" and "9" are 25.0m apart. One 40mm PVC conduit (P40) owned by NBN, between pits of sizes, "5" and "9" are 20.0m apart.
	2 Direct buried cables between pits of sizes, "5" and "9" are 10.0m apart.
	Trench containing any INSERVICE/CONSTRUCTED (Copper/RF/Fibre) cables.
	Trench containing only DESIGNED/PLANNED (Copper/RF/Fibre/Power) cables.
	Trench containing any INSERVICE/CONSTRUCTED (Power) cables.
	Road and the street name "Broadway ST"
Scale	0 20 40 60 Meters 1:2000 1 cm equals 20 m 

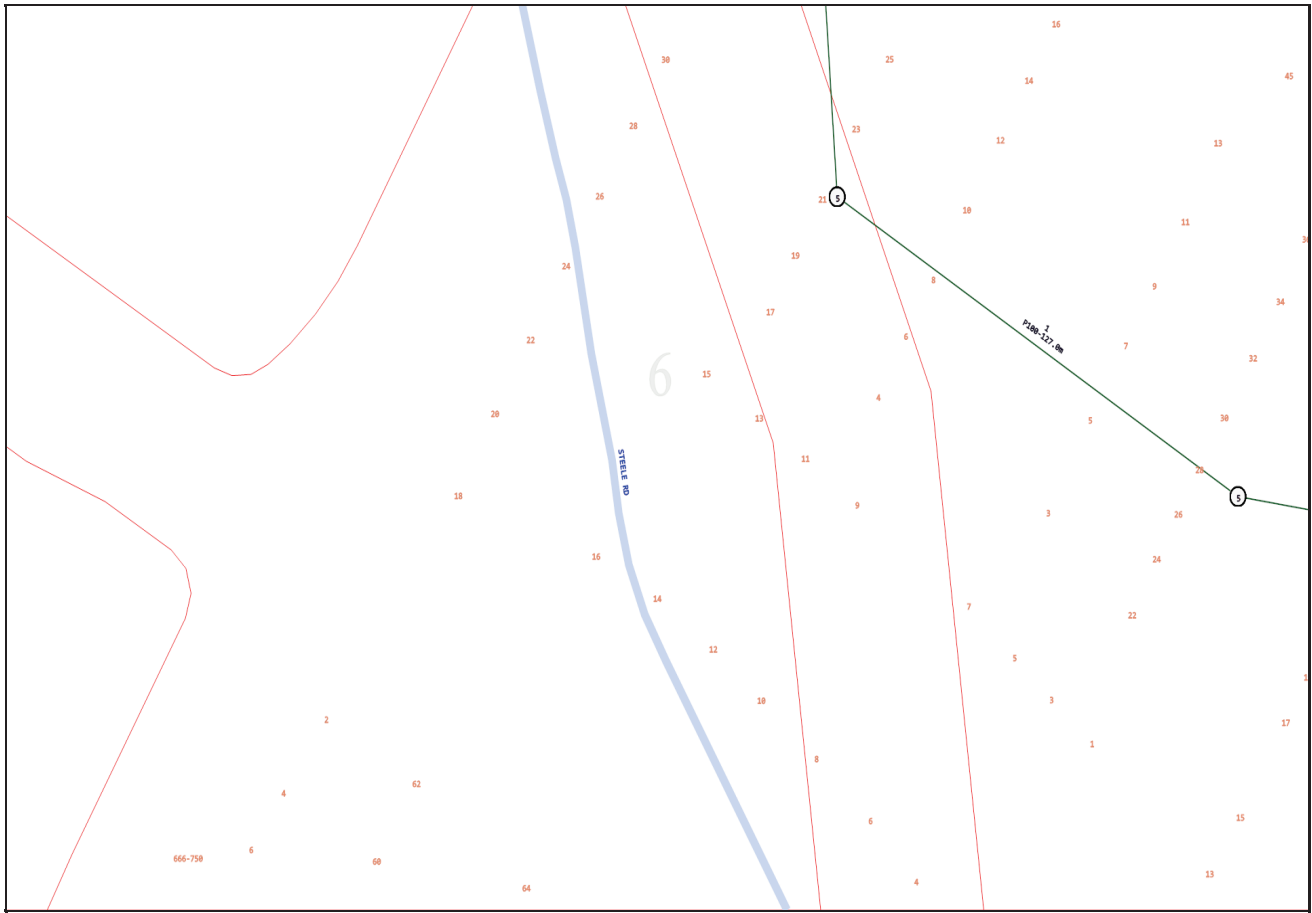












Emergency Contacts

You must immediately report any damage to the **nbn**™ network that you are/become aware of. Notification may be by telephone - 1800 626 329.



Appendix D. **ENERGEX BYDA Plans**



BYDA

Sequence: 256877088
Date: 23/06/2025
Scale: 1:2050
Title No: **OVERVIEW**

**CAUTION - HIGH
VOLTAGE**

LEGEND

- Substation
- Cable Marker
- Pit
- Pole
- Pillar
- LV Cable (up to 1kV)
- HV Cable (1kV - <33kV)
- HV Cable (33kV and over)
- Pit Boundary
- Planned Work Area

AS5488 Category 'D' Plan



DISCLAIMER: While reasonable measures have been taken to ensure the accuracy of the information provided, Pellican Corp and its employees, agents, contractors, and subcontractors, neither Energex nor Pellican Corp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of the information provided, or the reliance placed in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.



BYDA

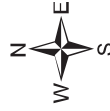
Sequence: 256877088
Date: 23/06/2025
Scale: 1:500
Title No: 1

**CAUTION - HIGH
VOLTAGE**

LEGEND

- Substation
- Cable Marker
- Pit
- Pole
- Pillar
- LV Cable (up to 1kV)
- HV Cable (1kV - <33kV)
- HV Cable (33kV and over)
- Pit Boundary
- Planned Work Area

AS5488 Category "D" Plan



DISCLAIMER: While reasonable measures have been taken to ensure the accuracy of the information provided, Pellican Corp and its employees, agents, contractors, and subcontractors, neither Energex nor Pellican Corp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of the information provided. The information contained in this plan is provided for informational purposes only and is not intended to be used as a basis for any decision. Use of such information is subject to and constitutes acceptance of these terms.

For Emergency Situations
Please Call 13 19 02

All underground cables shall be treated as being energised. Where a cable is located that is not represented on the ENERGEX BYDA map, then ENERGEX shall be contacted immediately.



BYDA

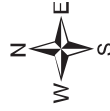
Sequence: 256877088
Date: 23/06/2025
Scale: 1:500
Title No: 2

**CAUTION - HIGH
VOLTAGE**

LEGEND

- Substation
- Cable Marker
- Pit
- Pole
- Pillar
- LV Cable (up to 1kV)
- HV Cable (1kV - <33kV)
- HV Cable (33kV and over)
- Pit Boundary
- Planned Work Area

AS5488 Category "D" Plan



DISCLAIMER: While reasonable measures have been taken to ensure the accuracy of the information provided, Pellican Corp and its employees, agents, contractors, and subcontractors, neither Energex nor Pellican Corp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of the information provided, whether or not such information is used in accordance with the terms of the contract, or in or for the completion or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.

This output provides details of the ENERGEX electrical network. As variations may exist no responsibility is incurred by ENERGEX for the accuracy or completeness of the information provided. Exact positions of cables and electrical connectivity should be confirmed on site.

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BYDA

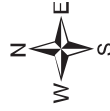
Sequence: 256877088
Date: 23/06/2025
Scale: 1:500
Tile No: 3

**CAUTION - HIGH
VOLTAGE**

LEGEND

- Substation
- Cable Marker
- Pit
- Pole
- Pillar
- LV Cable (up to 1kV)
- HV Cable (1kV - <33kV)
- HV Cable (33kV and over)
- Pit Boundary
- Planned Work Area

AS5488 Category "D" Plan



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BYDA

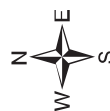
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Tile No: 4

CAUTION - HIGH VOLTAGE

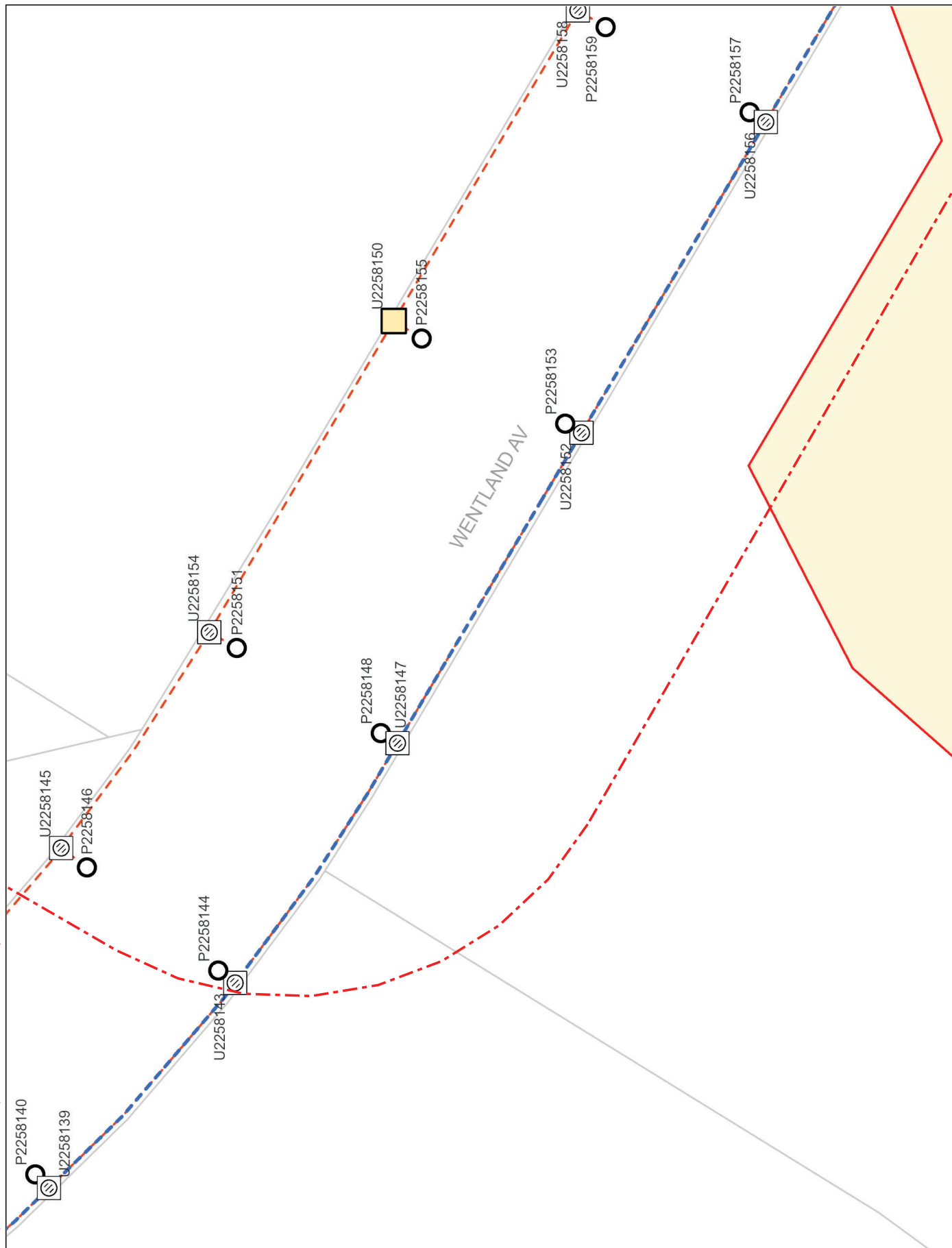
LEGEND

- Substation
Cable Marker
Pit
Pole
Pillar
LV Cable (up to 1kV)
HV Cable (1kV ~ <33kV)
HV Cable (33kV and over)
Pit Boundary
Planned Work Area

AS5488 Category "D" Plan



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BYDA

Sequence: 256877088
Date: 23/06/2025
Scale: 1:500
Title No: 5

**CAUTION - HIGH
VOLTAGE**

LEGEND

- Substation
- Cable Marker
- Pit
- Pole
- Pillar
- LV Cable (up to 1kV)
- HV Cable (1kV - <33kV)
- HV Cable (33kV and over)
- Pt Boundary
- Planned Work Area

AS5488 Category "D" Plan



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BYDA

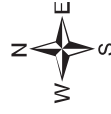
Sequence: 256877088
Date: 23/06/2025
Scale: 1:500
Title No: 6

**CAUTION - HIGH
VOLTAGE**

LEGEND

- Substation
- Cable Marker
- Pit
- Pole
- Pillar
- LV Cable (up to 1kV)
- HV Cable (1kV - <33kV)
- HV Cable (33kV and over)
- Pt Boundary
- Planned Work Area

AS5488 Category 'D' Plan



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BYDA

Sequence: 256877088
Date: 23/06/2025
Scale: 1:500
Tile No: 7

**CAUTION - HIGH
VOLTAGE**

LEGEND

- Substation
- Cable Marker
- Pit
- Pole
- Pillar
- LV Cable (up to 1kV)
- HV Cable (1kV - <33kV)
- HV Cable (33kV and over)
- Pt Boundary
- Planned Work Area

AS5488 Category "D" Plan



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All underground cables shall be treated as being energised. Where a cable is located that is not represented on the ENERGEX BYDA map, then ENERGEX shall be contacted immediately.

For Emergency Situations
Please Call 13 19 02



BYDA

Sequence: 256877088
Date: 23/06/2025

Scale: 1:500
Title No: 8

**CAUTION - HIGH
VOLTAGE**

LEGEND

- Substation
- Cable Marker
- Pit
- Pole
- Pillar
- LV Cable (up to 1kV)
- HV Cable (1kV - <33kV)
- HV Cable (33kV and over)
- Pit Boundary
- Planned Work Area

AS5488 Category 'D' Plan



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The output provides details of the ENERGEX electrical network. As variations may exist no responsibility is incurred by ENERGEX for the accuracy or completeness of the information provided. Exact positions of cables and electrical connectivity should be confirmed on site.

Plans generated 23 Jun 2025 by PellicanCorp TicketVices Software | www.pellicancorp.com

For Emergency Situations
Please Call 13 19 02

All underground cables shall be treated as being energised. Where a cable is located that is
not represented on the ENERGEX BYDA map, then ENERGEX shall be contacted immediately.



BYDA

Sequence: 256877088
Date: 23/06/2025
Scale: 1:500
Title No: 9

**CAUTION - HIGH
VOLTAGE**

- LEGEND
- Substation
 - Cable Marker
 - Pit
 - Pole
 - Pillar
 - LV Cable (up to 1kV)
 - HV Cable (1kV - <33kV)
 - HV Cable (33kV and over)
 - Pit Boundary
 - Planned Work Area

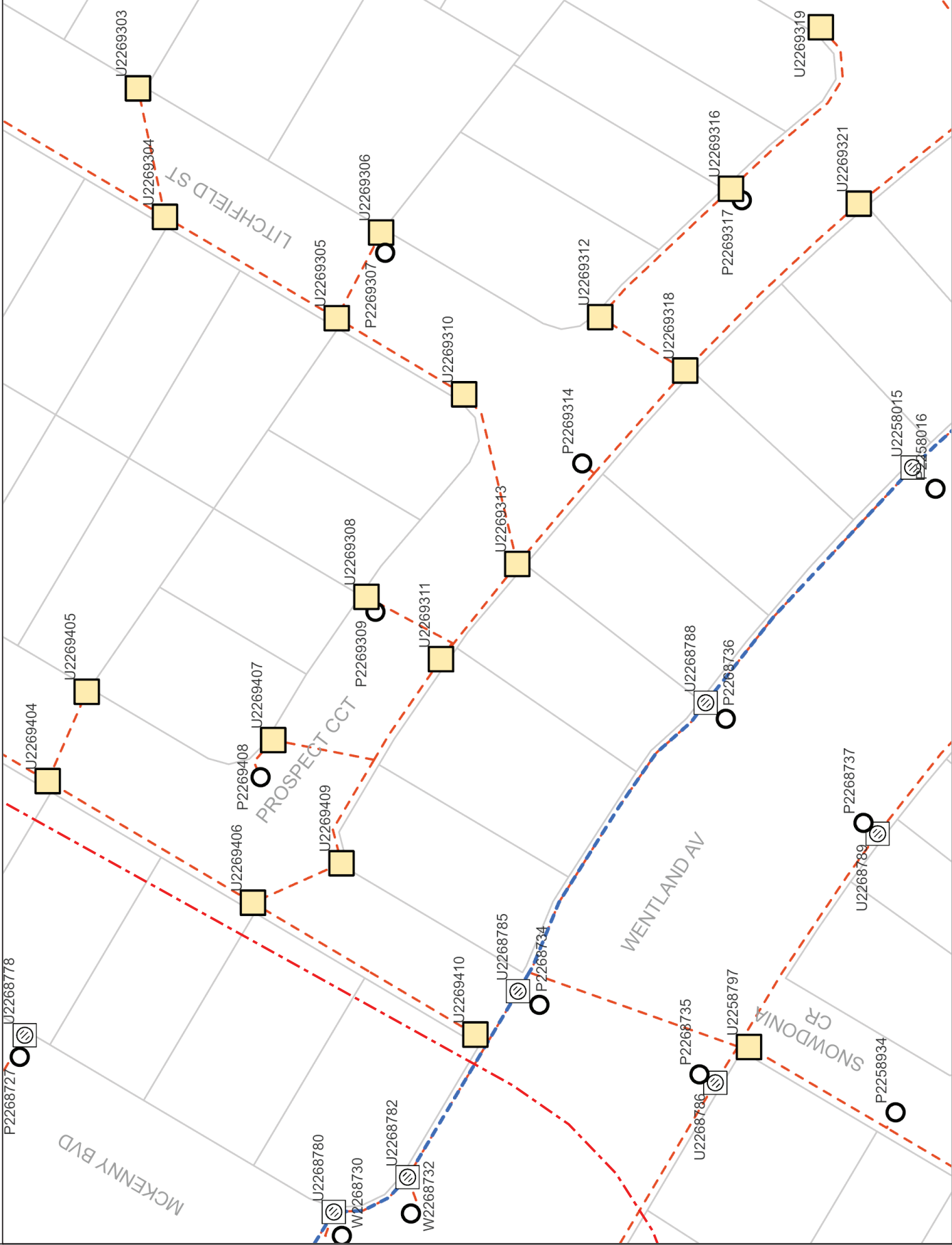
AS5488 Category "D" Plan



DISCLAIMER: While reasonable measures have been taken to ensure the accuracy of the information provided, the user acknowledges that neither Energex nor Pelican Corp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of the information provided. The user understands that the information is provided as a guide only and is not intended to be used as a basis for any decision or action. Use of such information is subject to and constitutes acceptance of these terms.

This output provides details of the ENERGEX electrical network. As variations may exist no responsibility is incurred by ENERGEX for the accuracy or completeness of the information provided. Exact positions of cables and electrical connectivity should be confirmed on site.

Plans generated 23 Jun 2025 by PelicanCorp TicketXpress Software | www.pelicancorp.com





Appendix E. Gas BYDA Plans



Before You Dig Australia

Classification: Networks

Enquiry Date: 23/06/2025
Sequence Number: 256877091
Work Site Address: 666-750 Steele Road
Yarrabilba
QLD 4207



For your immediate information
THERE IS A GAS PIPELINE OR INFRASTRUCTURE
(Gas Assets) located in close vicinity to your works.

Enquiry Date: 23/06/2025
Enquirer: Kevin Cheng
Sequence Number: 256877091
Work Site Address: 666-750 Steele Road
Yarrabilba
QLD 4207

Thank you for your Before You Dig enquiry regarding the location of gas assets.

We confirm there are Gas Assets located in close vicinity of the above location.

Caution: Damage to gas assets may result in explosion, fire and personal injury.

Please ensure you read all the relevant information contained in this response to your BYDA enquiry including reviewing the **APA Guidelines for Works Near Existing Gas Assets** and clearly understand and comply with all requirements relating to your scope of work.

If you have any queries relating to this information, contact the APA Before You Dig Officer for clarification. Refer to contact points listed on the following pages.

Before You Dig Checklist

APA



1. Plan

- Review maps provided with this BYDA response and confirm the location of your work site is correct.
- Review the **APA Guidelines for Works Near Existing Gas Assets** and clearly understand requirements relating to my scope of work.



2. Prepare

- Electronically locate gas assets and mark locations.
- Note: Enquirers should still look for visible evidence of gas assets at the worksite not shown on plans.



3. Pothole

- Physically confirm ('prove') the location of gas assets by potholing by hand excavation or non-destructive vacuum excavation methods in accordance with **APA Guidelines for Works Near Existing Gas Assets**.
- Road authorities, councils, utilities and their authorised contractors and agents are responsible to pothole or use other suitable methods to verify the location and depth of all gas assets, including gas (inlet) services, prior to commencing any works.



4. Protect

- Protect gas assets by maintaining clearances whilst excavating and following conditions provided by APA.
- Where required by APA, only conducting work in proximity to gas assets while Site Watch is on site.
- Where applicable, APA Authority To Work permit conditions are clearly understood and complied with.
- Strap and support exposed mains and inlet services. Cover exposed mains to prevent damage until the excavation can be restored permanently.



5. Proceed

- Only proceed with your work once you have completed all the planning, preparation, potholing and protection requirements.
- APA BYDA response (including maps) are on site for reference at all times, and less than 30 days old.



Scale 1: 6000

Map Sources: Esri, Garmin, HERE, FAO, NOAA, USGS,
© OpenStreetMap contributors, and the GIS User Community

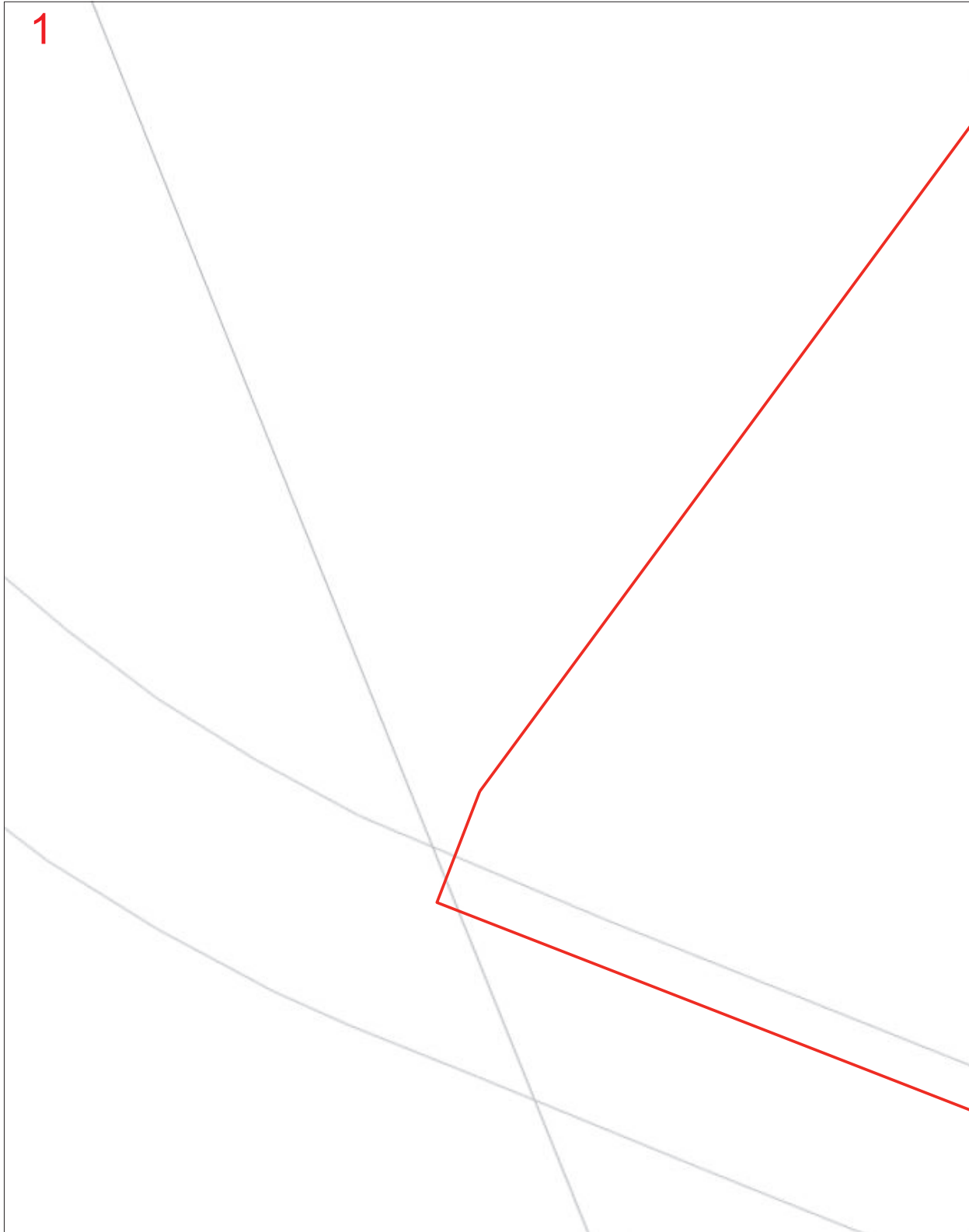


Enquiry Area



Map Key Area





Scale 1: 700

Map Sources: Esri, Garmin, HERE, FAO, NOAA, USGS,
© OpenStreetMap contributors, and the GIS User Community

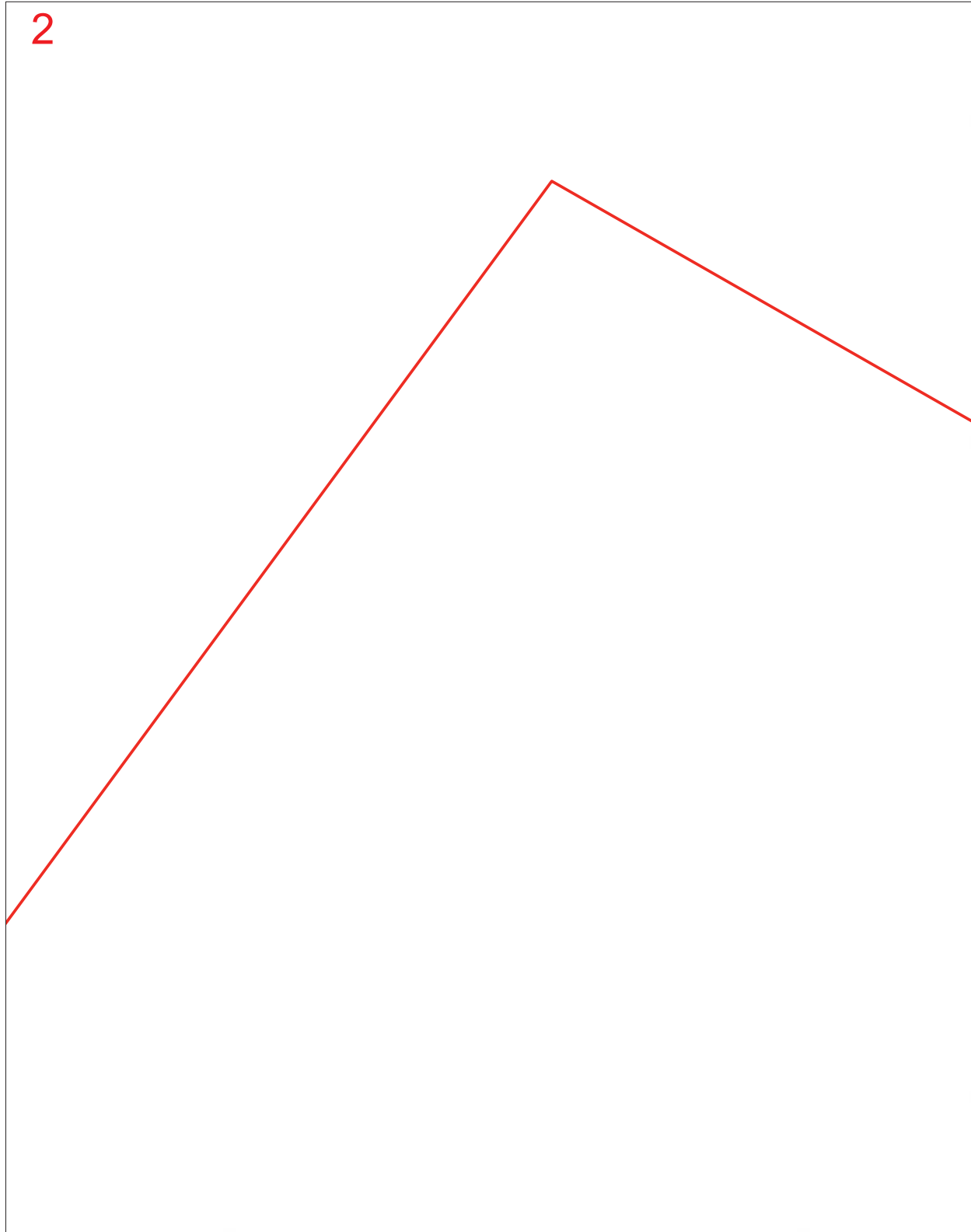


Enquiry Area



Map Key Area





Scale 1: 700

Map Sources: Esri, Garmin, HERE, FAO, NOAA, USGS,
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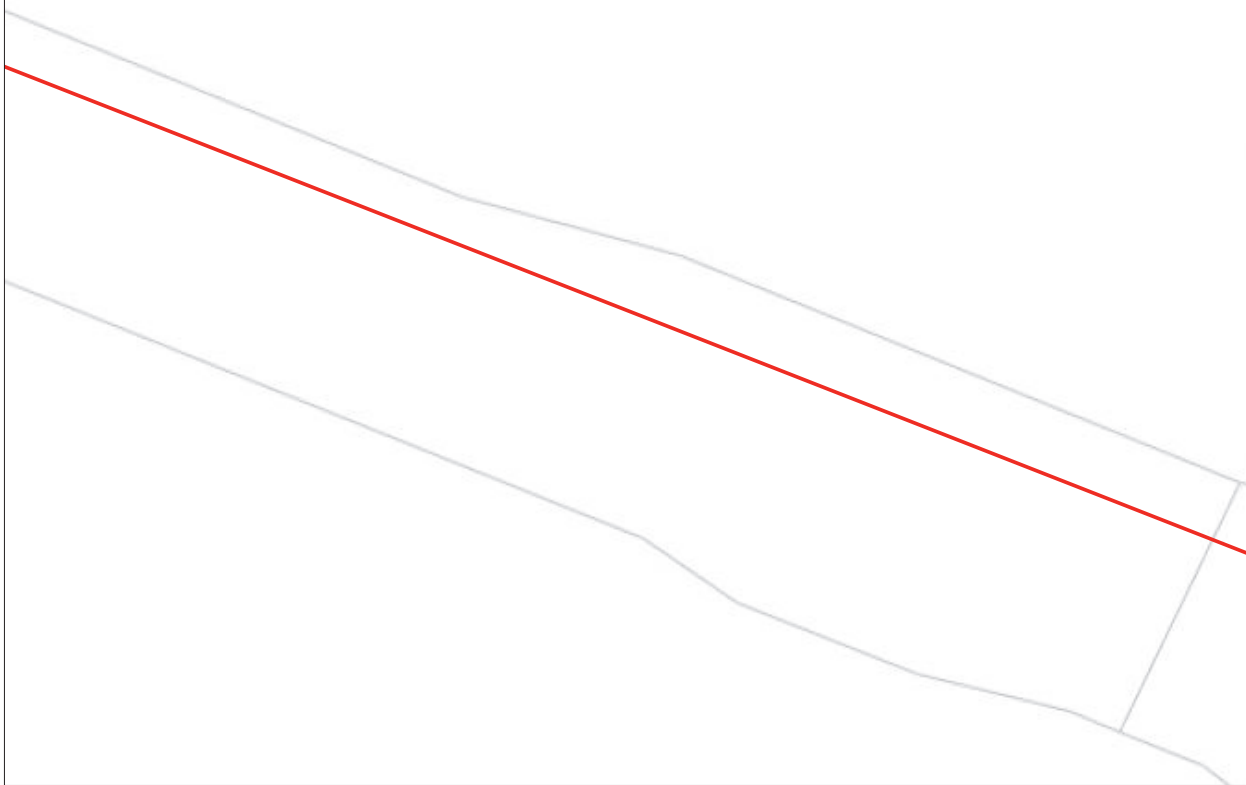
Enquiry Area



Map Key Area



3



Scale 1: 700

Map Sources: Esri, Garmin, HERE, FAO, NOAA, USGS,
© OpenStreetMap contributors, and the GIS User Community

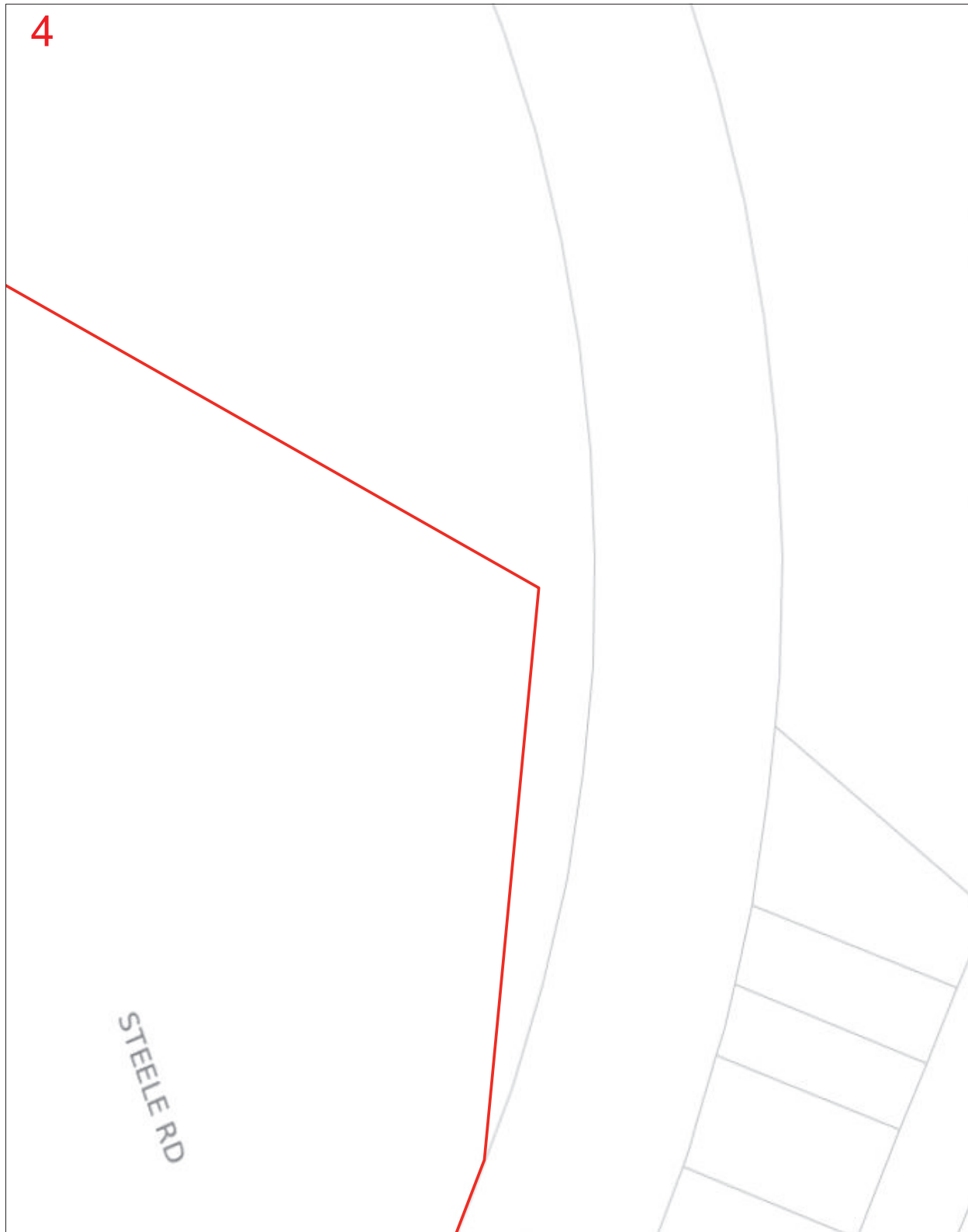


Enquiry Area



Map Key Area





Scale 1: 700

Map Sources: Esri, Garmin, HERE, FAO, NOAA, USGS,
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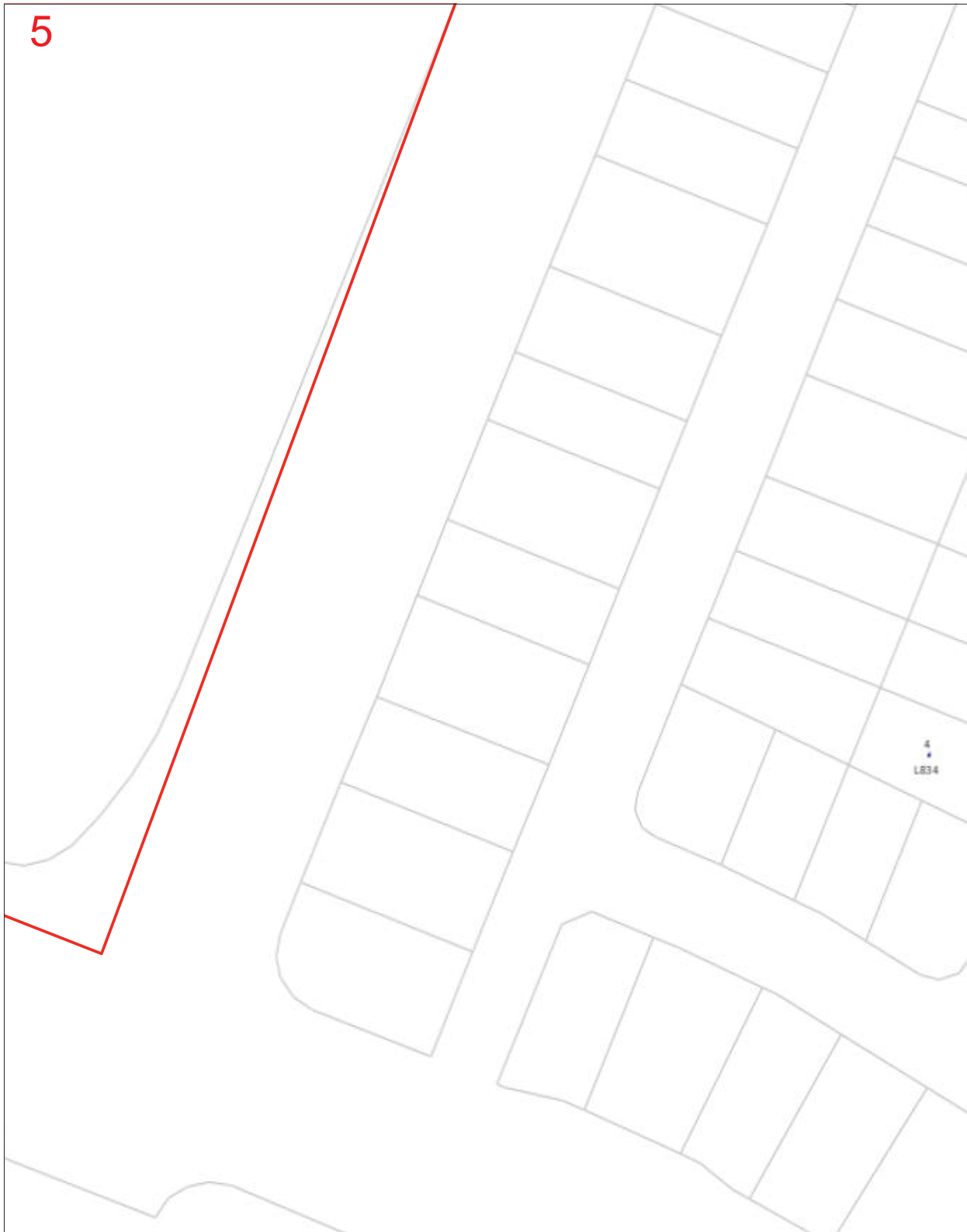


Enquiry Area



Map Key Area





Scale 1: 700

Map Sources: Esri, Garmin, HERE, FAO, NOAA, USGS,
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Enquiry Area



Map Key Area



Legend

Pipe	Pipe code and material	Object
Low pressure	C* (for example, C2) Cast iron	Valve
Medium pressure	CU Copper	Buried valve
High pressure	N2 Nylon	Regulator
Transmission pressure	P* Polyethylene (PE)	Gas supplied = yes
Critical main (behind pipe)	P3 Polyvinyl chloride (PVC)	CP rectifier terminal
Proposed (pressure by colour)	P6, P7, P9–P12 Medium density PE	CP test station
LPG (pressure by colour)	P2, P4, P8 High density PE	CP anode
Hydrogen blended (pressure by colour)	S* Steel	CP bond wire
Abandoned	W2 Wrought galv iron	Syphon
Idle/inactive	W3 PE coat wrought galv iron	Trace wire point
Sleeve		
Casing (behind pipe)		
Area	Abbreviation	
BYDA area of interest	BoK Back of kerb	FoK Front of kerb
	C Depth of cover	Galv Galvanized
	CP Cathodic protection	NTI Not tied in
Example	Pipe code	
40P6 in 80C2	Pipe diameter in millimetres is shown before pipe code. 40P6 = 40 mm nominal diameter	This map was created in colour and should be printed in colour
63S8		

Site Watch

Site Watch is where an APA field officer attends your work site to monitor and ensure controls are in place to protect critical gas assets from damage during work. The following rates apply for this service (1 hour minimum charge):

Item	Rate (excl. gst)
Site Watch - Business Hours	\$143.42 per hour
Site Watch - After Hours	\$175.06 per hour
Cancellation Fee Fee applies where cancellations received after 12pm (midday) 1 business day prior to the booking	\$286.84

- Contact APA - Before You Dig officer for state specific hours of business.

Contacts

Contacts APA Group	
Enquiry	Contact Numbers
General enquiries or feedback regarding this information or gas assets.	APA - Before You Dig Officer Phone: 1800 085 628 Email: BYDA_APA@apa.com.au
Gas Emergencies	Phone: 1800 GAS LEAK (1800 427 532)

Important Information

- Refer to requirements relating to construction, excavation and other work activities in the **APA Guidelines for Works Near Existing Gas Assets** document with this BYDA response.
- BYDA enquiries are valid for 30 days. If your works commence after 30 days from the date of this response a new enquiry is required to validate location information.
- **For some BYDA enquiries, you may receive two (2) responses from APA. Please read both responses carefully as they relate to different assets.**
- Gas (inlet) services connecting Gas Assets in the street to the gas meter on the property are not marked on the map. South Australia Only – if a meter box is installed on the property, a sketch of the gas service location may be found inside the gas meter box. APA does not guarantee the accuracy or completeness of these sketches.

Disclaimer and legal details

- This information is valid for 30 days from the date of this response.
- This information has been generated by an automated system based on the area highlighted in your BYDA request and has not been independently verified.
- Map location information is provided as AS5488-2022 Quality Level D, as such supplied location information is indicative only.
- Whilst APA has taken reasonable steps to ensure that the information supplied is accurate, the information is provided strictly on the condition that no assurance, representation, warranty or guarantee (express or implied) is given by APA in relation to the information (including without limitation quality, accuracy, reliability, completeness, currency, sustainability, or suitability for any particular purpose) except that the information has been disclosed in good faith.
- Any party who undertakes activities in the vicinity of APA operated assets has a legal duty of care that must be observed. This legal obligation requires all parties to adhere to a standard of reasonable care while performing any acts that could foreseeably harm these assets.

